TABLE OF APPROXIMATE HIGHWAY DISTANCES BETWEEN POINTS IN COLORADO

(Source: State Highway Department)

NOTE—To determine distance between two points, (1) locate city or town in vertical column on the left and (2) follow horizontal line to the right until it intersects vertical column under name of city or town at the top. The figure at the intersection is the mileage between the two points. Example: Find Denver in column at left, follow line until it intersects line under Pueblo and the figures are 116. That is the distance between Denver and Pueblo.

	AKRON	ALAMOSA	ANTONITO	ASPEN	AULT	BOULDER	BRECKENRIDGE	BRIGHTON	BUENA VISTA	BURLINGTON	BYERS	CANON CITY	CASTLE ROCK	CENTRAL CITY	CHEYENNE WELLS	COLORADO SPRINGS	CONEJOS	CORTEZ	CRAIG	CREEDE	CRIPPLE CREEK	DEL NORTE	DELTA	DENVER	DURANGO	EADS	EAGLE	ESTES PARK	FAIRPLAY	FLORENCE	FORT COLLINS	FORT MORGAN	GEORGETOWN	GLENWOOD SPRINGS	GOLDEN	GRAND JUNCTION	GREELEY	GUNNISON	HOLLY	HOLYOKE	HOT SULPHUR SPRINGS	HUGO	IDAHO SPRINGS	JULESBURG	KREMMLING	LA JUNTA	LAKE CITY	LAMAR	LAS ANIMAS	LEADVILLE	LIMON	LITTLETON	LONGMONT	LOVELAND	MEEKER	MONTE VISTA	MONTROSE	NATURITA	ORDWAY	PAGOSA SPRINGS	PUEBLO	RICO	RIFLE	ROCKY FORD	SAGUACHE	SALIDA	SAN LUIS	SILVER CLIFF	SILVERTON	SPRINGFIELD	STEAMBOAT SPRINGS	STERLING	TELLURIDE	TRINIDAD	WALDEN	WALSENBURG	WIGGINS	WOLCOTT	WRAY	
AKRON		333	362	310	97	126	209	98	246	121	92	213	161	163	143	161	363	535	323	289	204	363	434	117	488	137	271	139	304	204	115	36	165	321	130	142	86	345	195	55	203	85	151	95	222	153	406	167	196	211	55	127	116	107	371	350	412	470	160	425	205	501	230	173	330	272	324	243	173	216	280	36	180	269	217	258	50	261	69	AKRON
ALAMOSA	333		29	189	307	276	187	263	126	326	286	159	213	253	286	172	30	203	338	69	200	30	319	244	166	241	223	313	163	153	311	325	295	231	257	263	296	130	277	421	272	258	281	431	254	192	127	349	212	161	248	234	280	298	300	17	197	289	180	92	128	217	267	181	63	100	11	110	207	251	311	371	272	117	318	78	311	213	387	ALAMOSA
ANTONITO	362	29		218	336	307	216	292	154	364	316	188	242	283	315	301	1	231	367	98	229	59	248	273	184	270	256	343	192	182	340	355	321	260	288	292	326	159	306	160	301	257	310	460	283	221	166	378	241	190	277	263	309	327	329	46	226	318	209	121	157	276	286	211	81	129	70	169	226	280	110	400	306	143	317	102	310	313	116	ANTONITO
ASPEN	310	189	218		256	227	101	212	64	218	235	148	205	145	329	161	319	358	162	314	146	175	176	193	311	302	75	207	106	157	200	275	122	42	186	132	246	162	333	370	145	257	136	380	126	263	233	310	213	58	210	203	229	217	111	172	193	266	241	217	189	338	68	247	137	89	230	148	259	763	133	320	302	272	190	239	360	85	369	ASPEN
AULT	97	307	336	356		69	165	44	192	218	106	189	94	104	225	135	337	471	226	338	175	399	362	63	424	231	195	63	160	180	15	52	111	228	76	318	11	286	295	136	127	164	100	148	146	245	317	267	265	198	147	73	49	31	277	374	363	411	222	361	179	489	264	236	251	213	398	217	414	316	153	88	165	268	120	229	17	185	165	AULT
BOULDER	126	276	307	227	69		99	35	163	199	75	160	65	36	210	106	205	442	221	309	149	270	376	34	395	205	172	28	121	151	51	91	58	205	47	295	59	257	269	186	102	138	44	195	121	213	306	241	233	122	121	44	20	18	273	283	324	182	190	333	160	456	231	203	233	161	289	185	385	292	178	136	438	239	163	200	76	162	185	BOULDER
BRECKENRIDGE	209	187	216	101	165	99		111	66	264	134	146	142	64	275	110	217	345	151	212	91	173	249	92	298	210	97	125	24	131	148	174	41	120	81	210	144	160	303	269	68	203	56	279	61	215	209	275	238	13	186	121	119	135	189	170	227	285	204	235	154	355	146	203	136	87	228	146	286	316	108	219	331	343	115	201	150	67	258	BRECKENRIDGE
BRIGHTON	98	262	292	213	44	35	111		118	194	61	111	50	65	196	91	293	427	341	294	134	255	275	19	380	190	190	63	106	136	69	53	70	223	32	313	33	242	364	155	122	123	56	165	141	199	291	226	319	161	106	29	28	46	292	262	303	361	181	117	116	431	219	189	317	169	334	173	361	277	198	108	107	424	161	185	18	190	157	BRIGHTON
BUENA VISTA	246	126	154	64	192	163	68	118		254	171	54	141	130	218	100	155	251	317	150	81	111	187	129	236	333	93	191	42	83	196	211	107	106	143	196	181	95	274	306	125	193	121	218	108	189	159	246	209	36	176	139	166	153	176	108	166	221	177	173	125	301	132	179	73	25	146	81	220	281	167	355	277	181	172	142	196	88	306	BUENA VISTA
BURLINGTON	171	396	364	278	219	199	264	194	254		123	204	154	213	39	154	356	527	281	394	197	355	425	165	430	64	336	236	253	199	233	156	316	360	178	450	207	336	102	105	368	78	202	176	257	163	397	110	143	280	78	175	301	210	429	342	403	461	146	417	197	631	386	158	111	363	316	251	181	159	354	156	607	249	316	217	171	336	62	BURLINGTON
BYERS	92	286	315	235	106	76	134	61	171	123		164	73	88	134	114	316	150	264	317	151	276	354	42	401	129	213	112	129	159	109	76	93	246	55	336	60	306	193	165	145	62	79	176	164	143	321	165	163	167	45	62	78	96	315	276	333	190	120	140	158	460	272	133	240	195	277	196	393	211	221	135	136	247	193	209	61	203	161	BYERS
CANON CITY	213	159	158	118	159	160	146	111	51	204	161		91	168	199	60	149	315	297	181	43	145	221	122	270	154	183	192	122	9	189	204	173	190	135	265	114	132	190	299	210	141	155	309	197	106	193	163	125	130	126	112	158	176	259	112	199	257	93	207	41	127	216	95	107	59	160	16	260	203	171	219	307	130	291	91	139	173	256	CANON CITY
CASTLE ROCK	161	213	242	204	94	65	112	50	141	151	73	91		77	165	41	213	408	263	275	84	236	312	31	361	160	202	101	118	86	98	113	62	236	44	326	83	223	228	208	134	93	68	218	163	149	284	206	169	146	76	21	67	86	304	230	390	318	137	298	65	415	261	139	198	160	301	123	361	249	210	168	394	171	182	134	98	192	216	CASTLE ROCK
CENTRAL CITY	163	263	262	146	101	35	64	65	120	211	88	168	77		222	115	282	411	193	276	161	239	310	45	364	217	143	61	90	163	86	138	23	176	35	266	91	226	281	223	76	150	9	233	94	225	387	263	216	87	133	66	65	73	244	236	293	361	211	301	162	421	202	216	201	153	281	200	351	326	160	173	397	261	123	212	113	133	222	CENTRAL CITY
CHEYENNE WELLS	142	236	315	329	225	210	275	195	243	39	134	199	165	225		148	316	488	393	355	191	316	420	176	443	45	347	246	334	190	243	174	227	354	169	444	211	311	63	145	279	72	213	175	298	124	393	71	101	331	89	186	212	230	449	103	398	456	106	378	156	528	380	119	306	258	277	212	469	120	255	179	503	205	127	208	159	237	101	CHEYENNE WELLS
COLORADO SPRINGS	161	172	201	164	135	106	110	91	100	161	114	60	41	118	146		202	367	331	234	43	196	271	72	320	143	193	142	86	45	139	154	123	206	85	296	124	182	193	236	176	93	109	259	181	108	243	166	128	136	76	62	108	126	275	189	219	307	96	257	44	377	232	98	157	109	163	82	310	308	218	199	353	133	233	94	139	183	218	COLORADO SPRINGS
CONEJOS	363	30	1	219	337	308	217	293	155	355	316	159	243	281	316	202		232	363	99	230	60	249	274	185	271	253	148	193	190	345	356	256	361	291	263	330	160	307	451	265	289	272	461	334	222	157	279	242	191	278	264	310	338	330	47	227	285	210	123	158	277	287	212	83	130	41	170	237	251	341	401	309	147	318	108	341	243	417	CONEJOS
CORTEZ	535	202	231	353	471	442	345	427	251	537	450	317	408	411	488	367	232		284	179	360	172	152	408	47	443	349	478	321	326	475	490	336	316	421	226	460	227	479	585	117	461	100	596	400	394	237	461	111	119	443	418	440	468	333	185	160	715	382	110	330	49	290	334	210	253	243	317	99	461	127	635	61	319	490	280	475	359	539	CORTEZ

CRAIG	333	338	367	162	226	221	161	241	217	387	264	297	253	193	398	261	365	384		263	242	324	202	222	337	393	151	183	175	306	208	287	179	120	315	158	236	291	464	364	119	326	185	374	100	369	318	426	389	192	309	232	217	216	61	331	221	282	367	385	105	362	94	359	286	338	379	297	285	469	47	314	328	394	106	365	272	110	361	CRAIG
CREEDE	339	69	96	214	338	309	212	234	150	304	317	164	275	276	365	234	99	179	363		227	39	131	275	132	310	248	337	188	191	342	357	253	256	271	228	327	119	316	452	280	327	267	462	263	361	58	318	281	186	310	267	311	329	335	52	162	320	219	69	197	234	287	251	17	125	110	194	184	318	220	102	266	186	327	147	342	233	166	CREEDE
CRIPPLE CREEK	304	200	229	145	178	149	91	134	51	197	151	43	94	161	191	43	230	360	212	227		138	264	115	313	155	179	185	67	40	182	197	132	187	128	277	167	175	221	292	169	137	162	302	142	136	235	193	156	117	119	105	751	169	255	185	242	300	124	260	72	370	213	125	160	102	191	77	303	236	199	243	346	161	266	132	132	169	259	CRIPPLE CREEK
DEL NORTE	363	30	59	175	299	270	173	266	131	355	276	145	226	239	316	195	60	172	324	39	168		205	235	125	271	209	293	119	144	303	318	214	217	254	249	258	128	307	413	241	238	228	423	224	222	97	279	242	147	371	226	272	290	286	13	183	211	210	62	158	217	243	212	36	36	71	146	177	279	281	351	249	147	286	108	303	199	411	DEL NORTE
DELTA	434	219	218	176	362	375	249	225	187	425	354	221	312	310	420	271	249	182	202	124	264	205		312	136	376	167	299	226	230	344	394	290	134	330	44	352	69	411	489	235	361	301	499	213	326	126	383	346	219	347	304	373	331	151	202	22	80	311	193	262	160	108	316	157	162	260	221	52	426	245	439	159	318	282	279	379	177	488	DELTA
DENVER	117	244	273	193	63	34	92	39	129	165	42	122	31	46	176	72	274	403	222	275	115	236	312		361	171	171	70	87	117	67	82	61	204	13	394	62	223	235	177	103	104	37	187	122	180	284	307	200	116	87	10	36	64	273	233	290	348	168	298	116	118	230	170	198	750	235	164	361	256	179	127	394	206	161	165	67	161	176	DENVER
DURANGO	483	155	184	313	424	295	298	380	236	480	403	270	361	364	441	320	185	47	337	132	213	125	135	361		396	302	431	274	279	428	443	339	269	379	179	413	180	432	531	366	413	353	546	349	347	190	404	367	272	398	353	397	416	286	136	113	168	386	63	283	92	213	337	163	211	196	270	52	101	380	488	124	272	413	233	438	312	536	DURANGO
EADS	137	241	270	302	221	205	270	190	238	84	129	164	160	217	45	143	271	443	393	310	185	271	376	171	396		342	241	229	145	238	109	222	375	184	419	220	286	64	190	274	67	208	220	293	79	347	35	69	274	34	182	207	226	447	258	353	411	61	333	117	481	401	14	361	213	232	167	414	85	350	174	457	165	322	167	131	312	146	EADS
EAGLE	371	223	256	15	195	172	97	140	58	336	213	182	202	143	247	198	233	349	151	218	179	209	167	171	302	342		122	140	193	177	236	128	33	160	123	155	191	373	311	68	276	124	341	51	287	252	341	307	63	263	181	166	164	102	212	189	217	275	271	223	317	69	277	171	123	264	182	260	387	108	281	293	379	115	240	221	10	330	EAGLE
ESTES PARK	139	313	342	207	63	38	125	32	191	235	112	192	101	61	246	142	348	473	183	337	185	298	299	70	431	241	122		149	187	45	104	31	165	83	255	53	285	306	199	64	174	70	209	33	250	146	377	270	148	157	80	31	32	234	295	321	379	232	360	186	449	191	240	260	212	353	271	382	325	140	149	125	275	133	236	89	122	198	ESTES PARK
FAIRPLAY	204	163	192	106	150	121	24	104	42	262	129	122	118	90	224	86	193	331	175	188	57	149	225	67	374	229	140	149		331	154	169	85	144	77	234	139	136	279	254	92	179	79	274	75	194	197	251	214	67	162	79	123	141	213	146	203	261	182	213	130	331	179	184	111	63	204	122	264	294	132	214	307	219	139	180	154	119	272	FAIRPLAY
FLORENCE	204	153	122	757	130	151	131	136	93	199	159	9	86	163	190	45	190	326	306	191	40	144	230	117	279	145	191	187	131		184	199	158	199	130	274	169	141	191	281	193	139	154	231	182	96	202	163	118	129	121	107	153	171	263	151	208	266	84	216	32	776	225	69	116	68	151	37	239	196	239	231	312	121	263	52	154	181	261	FLORENCE
FORT COLLINS	115	311	340	260	18	51	148	59	198	232	109	189	98	86	243	139	345	475	208	342	182	303	344	67	423	238	177	45	154	131		80	118	210	80	300	29	290	303	166	109	177	104	166	128	247	351	274	267	173	164	77	31	13	239	300	367	116	229	365	183	485	236	242	265	217	302	221	418	347	165	106	461	373	102	233	66	167	174	FORT COLLINS
FORT MORGAN	36	326	355	275	62	91	174	63	211	166	76	204	113	128	774	164	366	190	282	367	197	318	394	82	443	109	236	104	169	139	80		133	269	95	369	61	305	233	96	108	102	119	105	187	183	366	205	203	217	85	92	31	72	338	315	372	430	180	380	198	500	295	173	280	232	317	335	431	251	346	15	476	259	182	148	15	226	91	FORT MORGAN
GEORGETOWN	168	225	324	122	114	58	41	70	107	216	93	173	82	23	227	123	255	366	179	253	132	214	290	61	339	222	128	84	66	108	113	133		161	40	251	103	218	316	123	60	155	14	233	78	234	279	283	261	61	138	61	37	105	210	228	285	313	218	293	187	413	187	221	193	116	265	304	346	307	136	175	199	256	109	217	118	117	237	GEORGETOWN
GLENWOOD SPRINGS	231	231	260	42	228	205	120	273	146	360	246	190	235	175	364	206	261	316	120	256	187	217	134	204	269	375	33	165	144	199	210	269	161		193	90	218	204	380	364	101	308	167	774	84	295	265	352	315	77	291	214	199	197	69	214	156	214	281	279	231	284	36	285	179	131	272	190	217	396	141	324	260	187	166	248	254	43	333	GLENWOOD SPRINGS
GOLDEN	130	261	286	186	76	47	81	32	152	178	55	136	44	35	189	85	291	421	215	271	128	254	330	13	379	184	160	83	77	130	80	95	40	193		253	68	212	248	191	92	117	28	201	110	197	274	220	277	124	100	23	36	64	262	223	280	338	131	288	129	408	219	183	188	140	243	157	341	269	108	141	384	218	741	179	91	150	199	GOLDEN
GRAND JUNCTION	442	262	282	132	318	293	310	313	166	450	316	366	325	266	444	296	283	226	158	228	277	249	44	294	179	419	123	256	234	274	300	369	261	90	233		308	133	455	454	191	308	267	464	171	370	170	427	390	167	372	304	289	237	107	246	66	124	358	242	306	134	64	360	211	306	304	305	127	170	211	404	170	336	228	297	334	133	433	GRAND JUNCTION
GREELEY	85	296	325	245	11	59	144	33	151	207	80	174	33	94	214	124	330	460	235	337	167	283	352	52	413	220	185	53	139	169	29	51	103	218	66	308		275	284	146	117	153	89	166	136	212	336	266	262	187	136	62	39	21	287	385	342	400	220	750	168	470	214	222	260	202	287	206	403	105	134	96	416	267	131	219	36	175	145	GREELEY
GUNNISON	345	130	159	162	386	237	150	212	18	336	265	132	223	226	331	182	160	227	291	119	175	126	89	223	180	286	191	285	136	141	290	306	218	204	213	133	275		322	400	246	279	217	410	228	237	61	294	257	134	262	333	259	277	240	113	67	125	226	188	173	195	197	227	76	73	171	132	128	137	235	360	171	247	291	208	290	186	402	GUNNISON
HOLLY	195	277	306	228	295	263	302	254	274	102	193	190	228	281	62	192	307	479	454	346	221	307	411	235	432	64	372	305	279	181	303	333	316	330	248	455	234	322		208	338	131	272	278	357	86	415	28	66	310	148	255	301	319	449	394	389	447	108	380	149	517	406	95	297	249	263	303	450	77	414	238	193	171	367	199	218	162	164	HOLLY
HOLYOKE	55	421	450	370	138	186	269	158	306	106	155	299	208	222	145	236	451	583	364	452	292	413	489	177	538	190	331	199	264	281	158	95	228	364	191	464	116	400	208		263	181	214	30	333	369	461	216	249	313	160	187	176	167	460	410	167	526	235	476	230	695	390	245	376	327	399	318	628	265	321	50	571	255	258	330	110	321	44	HOLYOKE
HOT SULPHUR SPRINGS	203	272	301	145	127	102	68	172	115	268	115	214	134	75	279	175	265	417	119	280	159	241	235	103	356	274	68	64	92	199	109	185	60	101	92	191	117	245	388	263		207	66	273	19	282	305	310	303	110	190	113	98	96	170	254	257	315	271	319	219	336	127	273	219	171	312	230	318	383	76	213	357	308	66	269	153	58	255	HOT SULPHUR SPRINGS
HUGO	85	255	287	267	164	135	203	121	193	78	62	148	93	150	72	93	299	461	326	327	127	258	364	104	413	67	375	174	179	139	171	102	155	308	117	308	163	279	131	181	207		141	180	226	101	331	103	136	124	17	114	140	158	368	282	342	400	78	357	130	470	325	91	250	202	249	175	403	162	253	120	446	177	256	180	117	265	140	HUGO
IDAHO SPRINGS	154	281	310	136	100	44	55	56	122	202	79	159	68	9	213	109	272	400	185	267	162	228	301	37	353	208	134	70	79	164	104	119	14	167	26	257	89	217	272	214	86	141		224	85	217	276	244	237	78	124	47	64	82	244	225	282	340	205	290	153	410	201	207	190	142	272	201	343	293	142	164	386	212	115	201	104	121	213	IDAHO SPRINGS
JULESBURG	95	431	460	380	118	196	279	158	316	138	176	309	213	233	175	259	461	593	374	462	302	423	499	187	549	220	341	209	274	291	156	105	225	374	201	464	156	410	238	30	273	180	224		292	268	471	246	283	302	170	197	196	177	125	420	477	535	215	485	290	605	417	258	385	337	409	241	538	296	331	60	581	141	268	340	120	331	71	JULESBURG
KREMMLING	222	254	283	126	146	121	51	141	108	287	154	197	153	91	294	161	284	400	100	263	142	224	218	122	349	293	51	81	75	182	128	187	78	84	110	174	136	228	357	282	19	226	85	292		269	272	326	324	93	209	132	104	102	153	221	240	298	257	286	205	368	110	257	186	138	279	197	301	404	57	232	344	294	64	265	172	41	281	KREMMLING
LA JUNTA	183	192	221	253	245	212	218	199	119	163	143	105	149	226	124	108	232	394	289	251	136	222	326	180	347	79	287	250	194	96	247	183	231	295	197	370	232	237	85	269	283	101	217	268	269		298	57	20	226	98	170	216	231	361	209	304	262	23	284	64	132	221	10	212	161	133	118	365	100	359	208	408	86	331	114	198	341	226	LA JUNTA
LAKE CITY	406	127	156	233	347	306	249	291	159	297	321	193	384	257	392	243	157	237	328	58	236	97	126	284	190	347	252	346	197	202	351	366	279	265	374	170	336	61	416	451	305	337	276	471	272	298		355	318	196	319	377	320	338	277	110	104	162	286	127	234	284	234	285	135	134	168	193	185	376	339	411	208	244	371	205	351	217	460	LAKE CITY
LAMAR	167	249	278	310	267	241	275	226	216	110	165	152	206	253	71	165	279	151	426	318	193	279	353	207	404	36	344	277	251	163	274	305	288	352	220	427	256	294	98	316	310	103	244	246	326	57	356		37	282	120	217	243	261	421	266	361	415	80	341	121	489	375	67	269	221	240	175	472	42	386	207	462	143	373	171	206	331	172	LAMAR
LAS ANIMAS	196	212	241	278	265	232	228	219	209	142	163	125	169	245	104	138	242	414	389	231	156	212	346	200	367	69	307	270	314	116	267	203	251	315	217	390	252	257	65	249	303	126	237	283	324	20	318	37		246	118	190	236	254	384	229	324	382	43	304	84	452	341	30	232	181	303	138	385	80	379	328	422	106	351	134	218	297	205	LAS ANIMAS
LEADVILLE	271	161	130	58	193	122	43	164	35	280	157	120	146	87	291	136	191	319	192	185	117	147	219	115	272	274	62	148	67	135	173	217	64	77	124	167	187	134	310	312	710	124	78	302	93	225	195	282	245		212	131	147	160	146	144	201	259	213	209	161	329	102	215	109	61	202	120	262	325	150	262	308	317	193	175	202	32	311	LEADVILLE

LIMON	85	215	275	240	111	121	186	106	176	78	15	126	76	133	89	76	278	443	309	310	119	271	347	87	396	84	258	157	162	121	154	35	138	291	100	372	136	262	148	160	190	17	124	170	209	98	319	120	118	312		97	123	141	351	265	326	363	75	333	120	453	308	88	233	185	239	168	388	169	268	110	429	174	239	170	100	248	137	LIMON
LITTLETON	127	234	262	203	73	44	171	29	129	175	62	112	21	56	186	62	264	418	232	267	105	223	304	10	353	181	181	80	79	107	77	92	61	214	23	304	62	333	255	187	113	114	47	127	132	170	271	217	190	131	97		46	64	281	221	300	368	158	308	106	428	240	160	203	180	225	164	361	266	189	139	101	193	161	136	77	171	186	LITTLETON
LONGMONT	116	280	309	229	49	20	119	28	165	201	78	158	67	55	213	108	310	440	217	311	161	272	333	36	397	207	166	34	123	153	31	81	87	190	36	289	39	259	301	176	93	140	64	195	104	216	320	243	236	142	123	46		18	268	269	326	381	204	331	152	454	225	306	234	186	271	190	187	316	171	134	430	241	133	203	75	156	184	LONGMONT
LOVELAND	107	298	327	247	31	38	126	46	183	219	96	176	55	73	230	126	328	458	316	329	169	290	331	54	415	225	164	32	141	171	13	72	105	197	54	287	31	277	318	167	96	155	82	177	102	234	338	261	254	160	141	64	18		266	285	344	402	216	352	170	472	223	229	252	204	289	208	405	310	172	117	448	259	116	220	57	164	166	LOVELAND
MEEKER	374	300	329	111	277	272	189	292	175	129	315	259	304	244	449	275	330	333	51	325	268	256	151	273	286	447	102	234	213	268	259	338	230	69	262	107	287	240	449	450	170	368	244	425	153	361	277	421	384	146	351	253	268	366		253	173	231	353	404	300	301	13	354	248	200	341	259	234	464	94	365	277	356	157	317	324	112	433	MEEKER
MONTE VISTA	360	17	46	172	324	283	170	262	108	343	276	142	230	236	303	189	47	155	321	62	155	13	202	233	138	268	212	295	146	151	300	215	228	214	223	246	285	113	294	410	264	282	325	420	221	209	110	266	229	144	265	223	289	285	283		180	238	197	75	145	230	240	199	35	83	58	142	190	266	278	360	262	134	300	95	300	195	404	MONTE VISTA
MONTROSE	413	197	226	198	358	324	227	303	166	103	332	199	290	293	398	219	227	160	224	162	242	183	22	290	113	353	135	321	203	208	367	372	285	166	280	66	342	87	339	467	267	312	282	477	240	304	104	361	324	201	325	300	328	341	173	180		58	292	175	240	125	130	294	146	140	333	199	61	104	267	117	101	296	304	257	357	199	399	MONTROSE
NATURITA	470	259	312	256	411	383	286	361	[illegible]	461	390	267	348	351	456	307	285	115	282	220	300	241	80	348	158	411	247	379	261	266	416	430	342	214	288	124	400	125	447	525	315	400	340	536	293	363	162	119	382	360	385	368	381	402	331	238	58		350	234	298	73	188	352	203	198	296	257	119	162	325	171	51	361	362	315	433	257	520	NATURITA
ORDWAY	150	180	209	241	222	190	206	181	[illegible]	145	120	92	137	214	106	96	210	382	257	249	124	210	311	168	335	61	276	232	183	84	279	160	213	233	181	258	220	225	105	236	271	78	205	246	257	31	256	80	42	213	75	158	204	216	352	197	292	350		271	52	120	309	13	200	162	171	106	363	123	361	132	396	99	320	102	175	266	207	ORDWAY
PAGOSA SPRINGS	425	92	121	237	361	332	235	313	172	417	240	207	298	301	375	257	123	110	285	69	250	62	198	298	83	333	271	360	211	216	365	380	193	279	238	242	350	188	380	175	219	357	290	485	386	284	127	111	304	309	311	308	334	352	401	75	176	234	271		220	155	306	274	100	148	113	207	115	302	359	425	187	208	366	170	365	261	179	PAGOSA SPRINGS
PUEBLO	205	128	157	152	190	160	164	135	116	197	158	41	65	162	158	44	158	330	306	157	72	158	263	116	283	113	223	186	130	22	133	198	167	231	129	306	168	173	149	150	219	130	163	290	205	64	234	121	84	161	120	106	152	170	300	145	240	298	52	220		368	257	54	148	100	119	54	301	164	242	230	111	89	268	50	183	213	260	PUEBLO
RICO	504	217	276	326	459	166	355	431	301	521	160	327	413	421	526	377	277	49	552	224	370	217	160	418	52	431	317	449	531	326	485	500	413	284	408	194	470	196	517	595	386	470	410	605	366	132	231	189	152	329	463	428	454	472	301	230	128	75	120	165	365		258	197	255	268	288	327	144	195	395	545	12	384	432	325	185	327	593	RICO
RIFLE	230	257	286	68	254	231	145	219	123	256	272	216	261	202	350	232	287	290	91	252	213	243	108	230	243	401	59	191	179	225	335	295	187	26	219	64	244	197	408	190	127	325	201	417	110	321	234	378	341	103	308	210	235	222	43	240	130	188	309	306	257	258		311	206	157	298	216	191	471	137	340	334	312	174	274	280	69	389	RIFLE
ROCKY FORD	173	182	211	243	225	203	205	189	179	168	133	95	139	216	119	98	212	384	359	251	126	212	316	170	337	74	277	240	184	86	242	173	221	266	183	360	223	227	95	245	273	91	207	258	257	10	255	67	30	215	96	160	206	229	354	199	294	352	13	274	54	472	311		202	151	172	123	355	110	316	198	398	86	322	104	188	267	220	ROCKY FORD
SAGUACHE	320	52	81	127	261	232	135	217	72	311	240	107	192	201	306	167	82	210	286	77	160	38	167	198	163	261	171	260	111	116	265	380	193	179	188	311	250	78	297	175	219	250	190	385	186	212	136	289	232	102	233	208	234	252	248	35	146	205	200	100	148	255	206	202		18	93	107	215	301	259	123	287	169	266	130	265	161	373	SAGUACHE
SALIDA	272	100	129	89	213	184	87	169	26	263	192	69	150	153	252	109	120	268	238	125	102	86	162	140	211	213	123	212	63	63	217	232	145	131	140	206	202	73	219	327	171	202	142	337	138	161	131	231	154	61	185	160	186	204	200	83	140	198	152	148	100	265	157	154	48		141	59	201	264	211	377	214	156	202	117	217	113	325	SALIDA
SAN LUIS	324	41	70	230	298	269	225	254	116	316	277	160	204	281	277	163	41	243	379	110	191	71	260	235	196	232	264	353	204	161	302	317	269	272	248	304	287	171	265	399	312	249	272	409	279	183	168	240	203	202	219	225	271	289	341	58	238	296	171	133	119	298	298	173	93	141		131	318	240	352	349	330	108	333	69	302	251	278	SAN LUIS
SILVER CLIFF	242	110	169	148	317	188	146	173	64	251	196	46	123	200	213	52	170	317	297	184	77	145	221	154	370	167	152	271	122	37	221	238	204	190	167	266	206	132	202	318	220	175	201	241	197	118	193	175	138	120	158	161	190	208	259	142	139	257	106	207	51	337	216	123	107	59	131		260	231	251	265	303	101	293	62	221	172	298	SILVER CLIFF
SILVERTON	473	207	326	259	414	385	288	354	276	464	393	260	351	354	459	310	237	59	295	184	203	177	33	351	52	414	250	282	264	269	418	433	346	217	341	127	403	126	450	728	315	401	343	538	301	365	165	422	385	362	386	351	387	405	234	190	61	119	353	116	301	144	191	156	216	201	248	260		456	358	475	165	124	365	255	113	260	326	SILVERTON
SPRINGFIELD	216	251	280	353	316	292	316	277	217	159	214	208	249	325	120	209	251	461	469	318	236	279	426	256	401	83	387	326	294	196	347	254	307	395	269	470	305	337	77	265	383	152	293	295	404	100	376	49	80	325	169	266	316	310	464	266	404	462	123	341	164	496	421	110	301	264	240	233	456		135	259	525	132	405	171	269	377	231	SPRINGFIELD
STEAMBOAT SPRINGS	290	311	340	183	188	178	108	198	117	354	221	254	210	150	355	218	341	427	42	320	199	281	245	179	380	360	108	140	132	239	166	246	135	141	188	201	104	285	414	121	76	283	142	331	57	369	329	336	379	150	266	159	174	172	94	273	267	325	363	359	262	395	137	316	239	211	362	254	358	135		271	371	361	63	322	230	98	329	STEAMBOAT SPRINGS
STERLING	35	371	400	320	88	136	219	108	256	156	115	249	159	173	179	199	401	535	314	402	242	363	489	127	483	174	281	149	214	231	106	45	178	314	141	404	96	350	238	60	213	120	164	60	232	208	411	207	228	262	110	139	135	117	365	360	417	471	185	425	230	545	340	128	325	377	349	268	478	259	271		581	291	205	280	60	271	94	STERLING
TELLURIDE	480	279	308	302	465	428	231	407	217	507	436	307	394	397	502	353	309	81	528	266	346	249	126	394	134	457	293	425	307	312	461	476	339	260	381	170	446	171	493	171	367	446	388	581	344	408	308	466	428	305	429	404	430	448	277	262	104	61	396	187	341	32	234	398	287	241	320	303	165	526	371	521		396	103	357	161	303	569	TELLURIDE
TRINIDAD	259	117	146	278	268	239	243	224	113	243	247	130	174	251	266	133	147	319	394	186	161	147	318	205	272	165	279	275	219	121	272	259	256	287	318	336	257	347	171	355	308	177	242	344	334	56	244	143	106	217	174	195	241	259	356	134	306	354	99	209	89	364	313	56	169	156	108	101	224	132	361	281	396		357	39	272	269	306	TRINIDAD
WALDEN	217	315	347	190	120	153	115	161	172	316	193	291	182	133	327	223	348	490	106	327	366	255	232	151	413	322	115	113	139	265	102	182	103	168	141	238	131	291	387	155	65	260	115	268	64	331	371	373	352	193	239	161	133	115	167	300	301	362	330	366	265	437	174	322	266	202	333	293	365	108	63	208	408	367		315	167	105	376	WALDEN
WALSENBURG	256	78	107	239	223	200	204	185	142	247	208	91	126	212	208	94	108	220	355	147	122	103	279	166	233	163	210	236	180	82	233	248	217	248	179	297	218	208	199	30	269	180	203	340	266	114	305	171	134	178	170	156	202	220	317	95	257	315	102	170	50	325	274	104	180	117	69	62	256	171	322	280	357	39	315		233	230	109	WALSENBURG
WIGGINS	50	311	340	260	47	76	159	48	118	171	61	129	98	113	189	139	541	475	273	342	182	303	379	67	428	184	221	89	164	184	66	16	118	264	81	344	36	290	249	110	153	117	104	130	172	198	351	205	218	202	100	77	75	67	324	300	357	411	175	365	183	455	280	188	266	217	302	221	118	269	230	60	461	272	167	233		211	109	WIGGINS
WOLCOTT	261	213	242	85	186	162	82	180	48	326	303	172	192	133	337	188	242	369	140	238	169	199	177	161	312	332	10	122	119	131	167	226	117	43	160	133	115	186	362	21	58	265	124	331	41	341	247	334	297	52	218	171	156	151	112	196	199	257	265	261	213	327	69	267	151	113	254	172	260	377	98	271	303	269	105	230	211		320	WOLCOTT
WRAY	69	387	416	369	156	196	268	167	315	62	151	266	216	222	101	216	417	589	381	456	269	411	438	116	536	146	330	193	212	261	174	94	227	363	189	458	145	402	164	44	255	140	213	74	381	225	460	172	205	311	137	186	154	166	433	404	399	520	207	479	260	593	389	420	373	325	378	298	526	331	339	91	569	306	376	109	109	320		WRAY

YEAR BOOK

of the

STATE OF COLORADO

1933-1934

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.

EDWARD D. FOSTER, Commissioner of Immigration

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HELEN M. SAXTON AGNES F. BARKLEY

FRANKA B. MERZ

THE BRADFORD-ROBINSON PTG. CO., DENVER

Foreword

THIS edition marks the fifteenth year in which the State Board of Immigration has published the Colorado Year Book, a work which constitutes the year-to-year record of the development of the state and its varied industries. The first number was published in 1918, and since that time publication has been continued without interruption except that the data for 1928 and 1929 and 1933 and 1934 were combined in single volumes because of a lack of finances.

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

In most instances the information is obtained from official sources, including county and state officials and bureaus of the federal government. Crop and livestock statistics are based largely upon the reports of the county assessors, as edited and revised by the Colorado Co-operative Crop Reporting Service, and most of the other data are gathered from municipal, county, state and federal officials. Where official figures cannot be secured, the best semi-official and private sources are resorted to, the effort always being to adhere to the conservative. In no event are local pride and optimism permitted to color the data concerning a community or an industry.

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

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

THE COLORADO STATE BOARD OF IMMIGRATION
State Office Building, Denver, Colorado
September, 1934

Colorado—General Description

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

The state contains the most elevated portions of the Rocky mountains in the United States. Both the United States geological survey and the coast and geodetic survey assign to two peaks in Lake county the honor of being the highest points in the state. These are Mount Elbert and Mount Massive, each with an altitude of 14,402 feet. The highest point in the United States is Mount Whitney, California, 14,501 feet. Colorado has the highest mean altitude of any state, only about one-fourth of its area being below 5,000 feet, while approximately two-thirds of it ranges from 6,000 feet to 14,000 feet. The United States geological survey lists 43 peaks that tower more than 14,000 feet above sea level; three that are rated at 14,000 feet, and approximately 1,000 having altitudes of more than 10,000 feet. The eastern two-fifths of the state lies in the Great Plains, and is a level or broken prairie, crossed by the valleys of the Arkansas and South Platte rivers and their numerous tributaries, and rising gradually from the state line westward to the foothills of the Rockies. The main range of the Rocky mountains passes north and south through the central part of the state, with numerous secondary ranges and spurs running in all directions, giving Colorado the greatest extent and widest variety of mountain scenery found in any state. The western part lies in the Pacific watershed and contains the largest streams in the state. Its surface is much more broken than that of the eastern part, embracing numerous high mesas and fertile, narrow agricultural valleys, and rising to the rugged and wonderfully picturesque San Juan mountains in the southwest. In outline the state is almost a perfect rectangle, having the most regular form of any state in the Union. It ranks seventh in size, with a land area of 66,341,120 acres or 103,658 square miles. Its water area is 290 square miles, making the total area 103,948 square miles. It is more than twelve times as large as the state of Massachusetts, nearly twice as large as Iowa, and about the same size as New York, Ohio, Connecticut and New Hampshire combined. Its extreme length east and west is about 387 miles, or 37 miles more than the distance from New York City to Portland, Maine, and its width approximately 276 miles, about the same as the distance from Chicago to St. Louis.

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

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

Early History—That part of Colorado lying east of the Rocky mountains was included in the territory acquired by purchase from France in 1803, usually referred to as the Louisiana Purchase. All the southeastern part of the state, lying south of the Arkansas river, and a narrow strip extending north through the mountain district into Wyoming, was claimed by the state of Texas and became a part of the United States when Texas was annexed in 1845. This included a considerable amount of the territory belonging to the Louisiana Purchase, but the controversy regarding the northern boundary of Texas was settled long before Colorado became a state. The western part of what is now Colorado and an additional strip lying west and south of the Rio Grande del Norte was ceded to the United States by Mexico in 1848, following the war with Mexico. The actual settlement of Colorado began with the discovery of gold in the summer of 1858, at which time most of the eastern half of the state was included in Kansas territory under the name of Arapahoe county. The boundaries of this county were very imperfectly defined, and the settlers in the new gold camps, moreover, objected to being governed by a set of territorial officials 400 miles away. They appealed to the federal government for the organization of a new state or territorial government, and finally, in February, 1861, the territory of Colorado was organized, about a month after statehood had been conferred upon the territory of Kansas. The boundaries of the territory were substantially the same as are those of the state at present. In 1876 Colorado was admitted to the Union as the thirty-eighth state.

Population—The population of Colorado has increased steadily and rapidly since its actual settlement began, immediately following the discovery of gold in 1858. The first census of what is now the state was taken in 1860 and showed a population of 34,277. The census bureau gives the population as of April 1, 1930, at 1,035,791, or more than 30 times greater than it was 70 years ago. The state ranks thirty-third in population among the states of the Union.

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

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

More detailed figures on the population of the state and its subdivisions will be found elsewhere in this volume.

During the two decades following 1860 the population was confined largely to the mining districts and to the city of Denver. The cities of Pueblo, Colorado Springs and Trinidad did not make their appearance in the census population statistics until 1880, when the three had a combined

population of less than 10,000. During the early 80's the period of agricultural development began, and the decade ending with 1890 was in many ways the most important in the history of the state. During that period 24 new counties were organized and scores of new towns were laid out in the agricultural districts. In 1910 the density of population for the state was 7.7 per square mile, as compared with 30.9 for the United States. Denver county ranked first in this respect, with 3,679, and Dolores and Jackson counties were tied for last place, with 0.6. The 1930 census showed the density of population for the state to be 10.0 per square mile. Denver still holds first place in this respect, with 4,963.2, and Hinsdale county ranks last with 0.5.

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

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

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

In the land classification table published elsewhere in this volume, seven counties—Alamosa, Archuleta, Costilla, Gilpin, Hinsdale, Lake, and Las Animas, show areas in the various classifications larger than the total areas of the respective counties. The discrepancy probably is due to inaccuracies in government surveys and to the large areas of land which have never been surveyed.

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

Year	Acres
1920	29,462,459
1921	30,867,235
1922	32,105,994
1923	33,347,491
1924	34,122,665
1925	35,195,619
1926	35,807,193
1927	36,323,737
1928	36,583,930
1929	36,974,946
1930	37,163,043
1931	37,174,876
1932	37,568,944
1933	37,793,509

Of the area in private ownership in 1933, the tax commission classifies 36,159,956 acres as agricultural land. This is equal to 95.6 per cent of the total patented land and 54.5 per cent of the entire area of the state. The area classified as agricultural land is divided as follows:

	Acres
Fruit land	19,357
Irrigated land	2,143,004
Natural hay land	373,052
Dry farming land	10,612,360
Grazing land	23,012,183
Total	36,159,956

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

Drainage and Water Supply—Containing, as it does, the most elevated portions of the Rocky mountains, Colorado is quite naturally the source of many of the important streams in the West. The Continental Divide crosses the west-central part of the state, and the streams in the western part flow to the Pacific, while those in the east find their way to the Gulf of Mexico. The streams of the western slope are all tributaries of the Colorado river, from which this state derives its name. The Colorado river, the largest stream in the state has its source in Grand county. Formerly it was known as the Grand river from its source to where it crossed the western boundary. An act of the twenty-first general as-

sembly, approved March 24, 1921, changed the name to the Colorado, the name by which the stream was known after it crossed into Utah. The Green river, which was regarded as one of the two streams forming the Colorado when the upper course of the Colorado was called the Grand river, flows through the northwestern corner of Moffat county. The northwestern corner of the state is drained by tributaries of the Green river, chief of which are the Yampa (Bear) and White rivers. The principal tributary of the Colorado river is the Gunnison, which has its source in Gunnison county and enters the Colorado at the city of Grand Junction. The southwestern corner of the state is drained by the San Juan and Dolores rivers, both tributaries of the Colorado. The south-central part of the state, including the San Luis valley, is drained by the Rio Grande del Norte. The southeastern part is drained by the Arkansas river and its tributaries, and the northeastern part by the South Platte river. The North Platte river has its headwaters in Jackson county and unites with the South Platte in Nebraska to form the Platte river. The Republican river, a tributary of the Kansas, drains a considerable area in the eastern part of the state. These streams have hundreds of small tributaries, most of which have their sources in the mountains where the snowfall is heavy. They furnish the principal water supply for irrigation and for the development of hydro-electric power. Water for domestic purposes is obtained principally from these streams, but in most agricultural sections wells are utilized as a secondary source of domestic water supply. Most of these wells are pumped, but there is a well defined artesian belt in the San Luis valley, and artesian water is found in numerous other places. There are more than 5,000 artesian wells in the state, fully two-thirds of which are in the San Luis valley.

National Forests—Fourteen national forests located wholly within the state and one lying partially within its boundaries comprise about 20 per cent of the state's area. These forests embrace 13,389,122 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 six 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. A description of these parks and monuments, with their location, area, number of visitors, etc., is given in a separate chapter.

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

Climatological Data—As a result of its great size and the extreme irregularity of its surface, the climate of Colorado is wonderfully varied and cannot be described in detail here. Various tables contained in this publication show the most important climatic data for different sections of the state. The mean annual temperature for the entire state is 44.3 degrees, but it varies from about 31 degrees in some of the higher mountain districts to 54 degrees in parts of the Arkansas valley. The average annual precipitation for the state is 17.54 inches, but there is also a very wide range here in the different sections of the state. The lowest average precipitation is about 6.5 inches, in the San Luis valley, and the highest above 40 inches, in the San Juan mountains and a few other mountain districts of restricted areas. The delightful and wonderfully healthful qualities of Colorado's climate are well known throughout the country. More detailed data on this subject are contained in the chapter on Climatological Data on page 76.

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

The highest incorporated town is Kokomo, in Summit county, which has

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

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

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil on the Hiawatha dome, in Moffat county, by the Mountain Fuel Supply company, which reached a depth of 7,577 feet, or 352 feet below sea level. This well, known as Florence Wilson No. 2, was drilled in 1933 on Section 22-12n-100w.

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

The deepest mine in the state is the Portland, in the Cripple Creek district, Teller county, which has been opened to a depth of 3,000 feet.

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

The mean altitude of the state is the highest of any state in the Union, which puts Colorado at the crest of the continent. The thirty-ninth parallel, which intersects the state near the center, passes through 12 stataes between the Atlantic and Pacific oceans. The mean elevation of Delaware on the east is only 60 feet and of California on the west is 2,900 feet. Kansas, which adjoins Colorado on the east, has a mean altitude of 2,000 feet, a drop of 4,800 feet from the mean altitude of Colorado. All the states to the east have a lower mean elevation than Kansas, although two states, West irginia and Maryland, have higher and lower points than Kansas. Likewise, the mean altitude of all states west of Colorado drops gradually toward the Pacific. Wyoming, which is only 100 feet lower than Colorado, ranks second among the states.

Railroads, Telegraph and Telephone Facilities—There are 28 railroad and terminal companies operating in Colorado, operating an aggregate of 4,963 miles of main line track. Every county in the state has some railroad mileage, though the railroad facilities of some of the counties, particularly in the northwestern and southwestern parts of the state, are inadequate. The total value of railroad property in the state, as returned by the state tax commission for the year 1933 was $130,518,610.

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

Road	Mileage
Atchison, Topeka & Santa Fe Railway Company	528.68
Chicago, Burlington & Quincy Railroad Company	395.56
Chicago, Rock Island & Pacific Railroad Company	165.85
Colorado-Kansas Railroad Co.	24.00
Colorado & Southern Railroad Co.	756.11
Colorado & Southeastern Railroad Company	6.27
Colorado & Wyoming Railroad Company	39.73
Crystal River Railroad Company.	20.66
Crystal River & San Juan Co.	7.32
Denver & Inter-Mountain Railroad Company	11.97
Denver & Rio Grande Western Railroad Company	1,431.23
Denver & Salt Lake Railroad Co.	252.00
Grand River Valley Railway Co.	22.38
Great Western Railway Company	86.58
Greeley Terminal Railway Co.	1.60
Laramie, North Park & Western Railroad Company	43.88
Manitou & Pikes Peak Railway Company	8.90
Midland Terminal Railroad Co.	55.69
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 Northern Railroad Co.	15.61
Treasury Mountain Railroad Co.	4.00
Uintah Railway Company	50.80
Union Pacific Railroad Company.	602.02

Ninety-eight telephone companies operate in the state, owning an aggregate of 520,912 miles of wire in 1933. The valuation of all telephone property owned by these companies as determined by the state tax commission for taxation purposes was $14,290,320 in 1933. Most of these companies are small and operate in one or two counties only. One company owns and operates more than 97 per cent of the total mileage. All counties in the state have telephone service. Four telegraph companies operate 28,217 miles of wire. Tables published elsewhere in this volume give valuations, mileage, etc., of all companies by counties, and years.

Colorado—Brief Land History

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

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

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

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

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

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

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

In the meantime, however, steps were being taken at Washington to bring about the organization of a territory through the regularly consti-

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

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

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

They still retained, however, more than 15,500,000 acres of land on the western slope. Numerous encounters occurred between these Indians and the white men during the early settlement of the agricultural lands in this territory, and it was not until 1881 that the Indians in this region, usually known as the Uncompahgre Utes, were removed to the Uintah reservation, in eastern Utah.

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

Colorado Territory as at first organized contained 17 counties, the list including Arapahoe, Boulder, Clear Creek, Conejos (then known as 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.

ESTABLISHMENT OF COLORADO COUNTIES

The following table shows the dates of organization of the 63 counties now existing in Colorado. The 17 counties in existence under territorial law and recognized when statehood was achieved are indicated by a star (*).

For the purpose of preserving the earlier record the following changes are noted in the statutes creating coun-

ties: Greenwood county was established in 1870 and abolished in 1874, its area being allotted to Elbert and Bent counties; Conejos county originally was known as Guadaloupe county; Carbonate county was established from a part of Lake county in 1879, but at the same legislative session the name of Lake was changed to Chaffee and Carbonate was changed to Lake; Uncompahgre county was established in 1883, but later in the same year the name was changed to Ouray, and what was then Ouray county was changed to San Miguel county.

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

Adams 1901	Garfield 1883	Otero 1889
Alamosa 1913	Gilpin* 1861	Ouray 1877
Arapahoe* 1861	Grand 1874	
Archuleta 1885	Gunnison 1877	Park* 1861
		Phillips 1889
Baca 1889	Hinsdale 1874	Pitkin 1881
Bent 1870	Huerfano* 1861	Prowers 1889
Boulder* 1861		Pueblo* 1861
	Jackson 1909	
Chaffee 1879	Jefferson* 1861	Rio Blanco 1889
Cheyenne 1889		Rio Grande 1874
Clear Creek* 1861	Kiowa 1889	Routt 1877
Conejos* 1861	Kit Carson 1889	
Costilla* 1861		Saguache 1867
Crowley 1911	Lake* 1861	San Juan 1876
Custer 1877	La Plata 1874	San Miguel 1883
	Larimer* 1861	Sedgwick 1889
Delta 1883	Las Animas 1866	Summit* 1861
Denver 1902	Lincoln 1889	
Dolores 1881	Logan 1887	Teller 1899
Douglas* 1861		
	Mesa 1883	Washington 1887
Eagle 1883	Mineral 1893	Weld* 1861
Elbert 1874	Moffat 1911	
El Paso* 1861	Montezuma 1889	Yuma 1889
	Montrose 1883	
Fremont* 1861	Morgan 1889	

STATE FLAG

The eighteenth general assembly of the Colorado legislature enacted a measure creating a state flag for the state of Colorado. This act was filed with the secretary of state on June 5, 1911, and became a law without being signed by the governor. The specifications of the flag as provided by the act are as follows:

The width of the flag shall be two-thirds of its length.

It shall consist of three alternate stripes to be of equal width and at right angles to the staff.

The white stripe shall be the center stripe. (The original law did not specify the color of the other two stripes, but blue was the color universally used.)

At a distance from the staff end of the flag of one thirty-sixth of the total length of the flag there shall be a circular red C, of the same color as the red in the United States flag.

The diameter of the letter C shall be one-sixth of the width of the flag.

The inner line of the opening of the letter C shall be three-fourths of the width of its body or bar and the outer line of the opening shall be double the length of the inner line thereof.

Completely filling the open space inside the letter C shall be a golden disk.

Attached to the flag shall be a cord of gold and silver, intertwined, with tassels, one of gold and the other of silver.

The flag was designed by A. C. Carson, at one time manager of a Denver theater. The colors are typical of Colorado; the blue for the skies, the gold for the sunshine, the white for the snow-capped mountains and the red in the letter C standing for the Spanish interpretation of the name of the state. The gold and silver cord and tassels signify the principal metals mined in the state.

GEOGRAPHICAL CENTER OF COLORADO

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

LAND CLASSIFICATION BY PERCENTAGES—1933

COUNTY	Area Acres	Patented Land %	Non-Patented Land			
			Homestead Land %	National Forests %	State Land %	Total %
Adams	807,680	93.72	....	....	3.65	3.65
Alamosa	465,280	83.33	6.53	6.24	11.50	24.27
Arapahoe	538,880	96.38	....	....	2.63	2.63
Archuleta	780,800	40.11	12.59	52.24	2.32	67.15
Baca	1,633,280	94.10	0.06	....	2.02	2.08
Bent	975,360	81.14	0.37	....	14.21	14.58
Boulder	488,960	59.56	0.86	25.73	1.44	28.03
Chaffee	693,120	17.64	11.74	61.28	2.60	75.62
Cheyenne	1,137,280	94.93	0.02	....	4.63	4.65
Clear Creek	249,600	22.56	6.55	68.77	0.83	76.15
Conejos	801,280	32.58	21.39	34.27	7.67	53.33
Costilla	758,400	103.55	....	....	....	....
Crowley	517,120	83.56	0.29	....	11.89	12.18
Custer	478,080	56.41	1.78	35.27	2.74	39.79
Delta	768,640	36.33	20.64	24.72	....	45.36
Denver	37,120	94.08	....	....	1.56	1.56
Dolores	667,520	31.64	7.02	49.51	1.28	57.81
Douglas	540,800	71.04	....	25.21	1.60	26.81
Eagle	1,036,800	17.66	15.72	57.70	1.64	75.06
Elbert	1,188,480	91.55	0.04	....	6.63	6.67
El Paso	1,357,440	75.33	0.15	7.41	14.21	21.77
Fremont	996,480	39.80	29.02	7.02	5.78	41.82
Garfield	1,988,480	18.13	30.30	26.13	....	56.43
Gilpin	84,480	58.87	2.37	68.42	1.47	72.26
Grand	1,194,240	26.70	6.99	44.63	5.48	57.10
Gunnison	2,034,560	19.55	14.62	60.16	0.93	75.71
Hinsdale	621,440	4.46	16.38	83.44	1.34	101.16
Huerfano	960,000	71.95	5.17	14.54	4.79	24.50
Jackson	1,044,480	31.32	15.50	38.37	4.90	58.77
Jefferson	517,120	73.66	0.15	18.57	2.41	21.13
Kiowa	1,150,720	91.50	0.06	....	5.07	5.13
Kit Carson	1,381,760	94.74	0.01	....	4.12	4.13
Lake	237,440	27.14	5.51	67.04	0.73	73.28
La Plata	1,184,640	37.88	12.86	32.08	1.36	46.30
Larimer	1,682,560	46.07	1.39	35.77	4.19	41.35
Las Animas	3,077,760	95.27	1.31	0.99	5.06	7.36
Lincoln	1,644,800	91.38	0.08	....	7.84	7.92
Logan	1,166,080	85.50	0.24	....	12.31	12.55
Mesa	2,024,320	24.92	38.38	28.38	....	66.76
Mineral	554,240	5.99	....	91.02	1.23	92.25
Moffat	2,981,120	34.63	47.00	1.41	7.02	55.43
Montezuma	1,312,640	24.74	15.33	17.89	2.72	35.94
Montrose	1,448,960	29.05	35.09	21.60	0.01	56.70
Morgan	823,040	91.09	0.14	....	7.29	7.43
Otero	805,760	80.30	0.26	....	14.91	15.17
Ouray	332,160	50.89	8.80	38.09	0.95	47.84
Park	1,434,880	34.52	4.23	43.77	6.40	54.40
Phillips	440,320	93.00	0.07	....	4.16	4.23
Pitkin	652,160	13.74	2.09	71.49	0.24	73.82
Prowers	1,043,200	93.22	0.08	....	4.13	4.21
Pueblo	1,557,120	78.25	8.37	1.86	14.99	25.22
Rio Blanco	2,062,720	18.70	53.36	17.56	....	70.92
Rio Grande	574,720	39.48	13.49	40.21	2.59	56.29
Routt	1,477,760	44.01	3.80	38.18	4.86	46.84
Saguache	2,005,120	28.12	15.59	43.69	5.37	64.65
San Juan	289,920	8.98	15.87	64.61	2.56	83.04
San Miguel	824,320	29.91	34.94	21.48	2.54	58.96
Sedgwick	339,840	90.00	0.01	....	7.47	7.48
Summit	415,360	18.94	3.50	66.32	0.23	70.05
Teller	350,080	52.30	7.31	30.54	3.03	40.88
Washington	1,613,440	91.78	0.03	....	5.96	5.99
Weld	2,574,080	89.37	0.14	....	6.87	7.01
Yuma	1,514,880	95.66	0.09	....	3.68	3.77
State	66,341,120	56.97	11.37	20.18	4.68	36.23

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

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

Colorado Land Classification by Counties, 1933

COUNTY	Area Acres	Fruit Land	Irrigated Land	Natural Hay Land	Dry Farming Land	Grazing Land	Miscellaneous[1]	Productive Coal Land	Non-Productive Coal Land	Timber Land	Metalliferous Mining Claims Non-Prod.	Railroad Rights-of-Way	Town and City Lots	Total Patented Lands	Unclassified as to Ownership[2,3]	Government Land Open to Homesteaders	State Land	National Forests	Total Non-Patented Lands	Area Acres	COUNTY
Adams	807,680	.....	83,418	6,967	523,950	124,541	12,052	.....	.....	.....	.....	2,798	3,200	756,926	21,299	.....	23,455	.....	29,456	807,680	.....Adams
Alamosa	465,280	.....	27,760	37,500	138,700	181,490	.....	.....	.....	.....	.....	1,287	980	387,707	35,344	30,374	53,511	29,032	112,917	465,280	.....Alamosa
Arapahoe	538,880	.....	16,891	.....	392,391	92,441	12,887	.....	.....	.....	.....	1,577	3,200	519,387	5,325	.....	14,168	.....	14,168	538,880	.....Arapahoe
Archuleta	780,800	.....	9,923	341	9,756	276,381	11,073	716	.....	2,240	118	1,583	850	313,181	56,673	98,290	18,150	407,852	524,292	780,800	.....Archuleta
					972,340	564,177	.....	.....	.....	.....	.....	.....	440	1,536,957	62,425	919	32,979	.....	33,898	1,633,280	.....Baca
Baca	1,633,280	.....	.....	.....	42,721	672,673	10,075	.....	.....	.....	.....	1,941	1,625	791,416	41,738	3,561	138,646	.....	142,206	975,360	.....Bent
Bent	975,360	.....	62,381	19,136	28,255	132,027	6,120	260	1,600	.....	12,260	3,840	8,250	291,224	[4]60,698	4,200	7,022	125,816	137,038	188,960	.....Boulder
Boulder	488,960	.....	79,476	.....	.....	82,754	274	.....	.....	.....	11,024	3,670	2,910	122,240	46,787	81,378	17,988	424,727	524,093	693,120	.....Chaffee
Chaffee	693,120	.....	21,698	.....	608,686	456,793	11,598	.....	.....	.....	.....	1,579	960	1,079,616	4,833	190	52,641	.....	52,831	1,137,280	.....Cheyenne
Cheyenne	1,137,280	.....	.....	.....	.....	19,412	7,939	.....	.....	.....	1,860	21,763	1,040	806	56,412	3,216	16,360	2,066	171,646	190,072	249,600	....Clear Creek
Clear Creek	249,600	.....	.....	492	.....	161,576	.....	.....	.....	.....	.....	475	1,252	1,250	261,053	32,807	171,454	61,436	274,630	507,420	801,280	.....Conejos
Conejos	801,280	.....	86,480	9,920	.....	477,920	192,324	.....	.....	.....	.....	817	1,589	675	785,288	26,868	.....	.....	.....	.....	758,400	.....Costilla
Costilla	758,400	.....	100,450	11,513	.....	372,058	2,540	.....	.....	.....	.....	.....	785	785	432,091	22,032	1,506	61,491	.....	62,997	517,120	.....Crowley
Crowley	517,120	83	43,715	.....	12,125	240,006	.....	.....	.....	.....	.....	3,781	447	485	269,677	18,163	8,514	13,117	168,609	190,240	478,080	.....Custer
Custer	478,080	.....	5,587	11,514	7,857	.....	.....	.....	.....	.....	.....	.....	750	1,100	279,223	140,774	158,611	.....	190,032	348,643	768,640	.....Delta
Delta	768,640	7,169	53,883	.....	22,021	52,502	139,874	197	1,727	.....	.....	2,750	26,401	34,921	1,621	.....	578	.....	578	37,120	.....Denver
Denver	37,120	.....	.....	.....	.....	.....	5,770	.....	.....	.....	.....	420	160	211,194	70,472	46,328	8,531	330,495	385,354	667,520	.....Dolores
Dolores	667,520	.....	800	.....	24,968	180,622	.....	.....	.....	212	1,275	2,737	2,468	675	384,203	11,588	.....	8,655	136,354	145,009	540,800	.....Douglas
Douglas	540,800	.....	5,609	7,763	57,145	307,103	3,440	.....	.....	.....	.....	3,171	2,566	375	173,429	[5]85,134	162,995	17,018	598,224	778,237	1,036,800	.....Eagle
Eagle	1,036,800	.....	25,276	.....	1,446	140,595	.....	.....	.....	.....	.....	.....	2,810	440	1,088,051	21,183	440	78,806	.....	79,246	1,188,180	.....Elbert
Elbert	1,188,480	.....	.....	11,611	319,085	754,105	.....	.....	.....	.....	.....	1,620	6,375	15,250	1,022,625	39,358	2,086	192,831	100,540	295,457	1,357,440	.....El Paso
El Paso	1,357,440	150	20,160	1,200	215,820	748,141	11,799	290	1,120	...	3,389	2,931	1,275	396,580	183,237	289,142	57,604	69,917	416,663	996,480	.....Fremont
Fremont	996,480	1,891	13,778	1,200	41,313	326,803	500	1,000	2,500	....	150	4,075	995	360,425	505,933	602,459	1	519,662	1,122,122	1,988,480	.....Garfield
Garfield	1,988,480	850	53,325	.....	34,743	261,325	.....	3,704	1,258	.....	17,409	1,002	495	49,736	26,292	2,000	1,239	57,797	61,036	84,480	.....Gilpin
Gilpin	84,480	..	.....	.....	.....	247,045	.....	.....	.....	39,299	1,462	2,243	425	318,906	[6]193,381	83,509	65,450	532,994	681,953	1,194,240	.....Grand
Grand	1,194,240	.....	28,432	.....	.....	317,532	5,568	658	8,540	1,321	21,657	2,250	1,880	397,789	96,353	297,520	18,931	1,223,367	1,540,418	2,034,560	.....Gunnison
Gunnison	2,034,560	.....	38,383	.....	.....	19,270	.....	.....	.....	.....	5,527	237	175	27,737	34,987	101,821	8,313	518,556	628,690	621,440	.....Hinsdale
Hinsdale	621,440	.....	2,168	.....	360	623,663	26,443	734	1,620	.....	40	2,945	1,250	690,728	34,117	49,605	45,942	139,587	235,154	960,000	.....Huerfano
Huerfano	960,000	31	3,959	10,827	19,237	252,233	205	15	2,560	960	742	1,100	144	327,204	103,366	161,940	51,228	400,742	613,910	1,044,480	.....Jackson
Jackson	1,044,480	.....	.....	69,183	62	265,099	19,712	136	8,175	.....	.....	2,520	5,750	380,924	26,929	800	12,463	96,001	109,267	517,120	.....Jefferson
Jefferson	517,120	.....	50,310	.....	29,222	285,910	.....	.....	.....	.....	.....	2,190	220	1,052,938	38,725	681	58,376	.....	59,057	1,150,720	.....Kiowa
Kiowa	1,150,720	.....	.....	.....	764,618	349,380	.....	.....	.....	.....	.....	1,499	975	1,309,074	15,691	131	56,864	.....	56,995	1,381,760	.....Kit Carson
Kit Carson	1,381,760	.....	765	2,883	953,632	24,107	.....	.....	.....	.....	31,940	2,326	1,250	64,444	993	13,080	1,726	159,183	173,989	237,440	.....Lake
Lake	237,440	.....	.....	4,831	.....	364,176	530	425	5,077	2,038	4,581	3,030	1,525	448,707	187,516	152,336	16,100	379,981	548,417	1,184,640	.....La Plata
La Plata	1,184,640	50	40,217	.....	27,038	616,054	8,370	.....	.....	.....	.....	3,020	4,400	775,188	[6]211,358	23,460	70,567	601,987	696,014	1,682,560	.....Larimer
Larimer	1,682,560	1,050	104,891	14,800	22,600	2,600,219	68,596	2,300	30,030	113,207	.....	5,845	7,250	2,932,276	80,983	40,205	155,661	30,601	226,167	3,077,760	.....Las Animas
Las Animas	3,077,760	..	23,509	4,802	76,518	590,700	.....	.....	.....	.....	.....	1,822	1,350	1,502,994	11,650	1,269	128,887	.....	130,156	1,644,800	.....Lincoln
Lincoln	1,644,800	.....	.....	2,932	906,190	333,000	.....	.....	.....	.....	.....	3,331	2,010	996,944	22,767	2,840	143,529	.....	146,369	1,166,080	.....Logan
Logan	1,166,080	...	71,080	16,080	568,440	397,067	.....	586	1,939	.....	.....	3,105	4,000	504,542	[7]167,257	776,980	1	575,540	1,352,521	2,024,320	.....Mesa
Mesa	2,024,320	6,252	80,078	.....	11,515	17,181	7,857	.....	.....	.....	3,180	435	425	33,203	15,882	.....	679	504,476	505,155	554,240	.....Mineral
Mineral	554,240	.....	1,767	2,358	.....	971,603	2,681	1,586	6,133	.....	537	140	675	1,032,307	[8]296,536	1,401,090	209,206	41,981	1,652,277	2,981,120	.....Moffat
Moffat	2,981,120	.....	10,212	3,730	34,310	235,869	7,809	40	50	400	765	1,568	730	324,689	[9]516,114	201,250	35,726	234,861	471,837	1,312,640	.....Montezuma
Montezuma	1,312,640	684	36,222	.....	40,554	203,618	124,750	.....	.....	.....	4,307	1,310	1,090	420,875	206,497	508,393	199	312,996	821,588	1,448,960	.....Montrose
Montrose	1,448,960	800	63,000	.....	22,000	412,935	.....	.....	.....	.....	.....	2,271	2,010	749,713	12,247	1,120	59,960	.....	61,080	823,040	.....Morgan
Morgan	823,040	..	80,606	2,200	249,691	541,266	19,436	.....	.....	.....	.....	2,360	2,150	647,051	36,430	2,118	120,161	.....	122,279	805,760	.....Otero
Otero	805,760	327	67,148	.....	14,364	130,330	5,610	.....	.....	387	1,360	1,060	910	169,032	4,204	29,210	3,153	126,531	158,924	332,160	.....Ouray
Ouray	332,160	..	9,550	2,400	3,350	.....	.....	.....	.....	2,789	.....	13,371	3,854	785	495,342	158,974	60,700	91,772	628,092	780,564	1,134,880	.....Park
Park	1,434,880	..	..	21,430	5,054	448,059	.....	.....	.....	.....	.....	908	895	409,501	12,161	320	18,338	.....	18,658	440,320	.....Phillips
Phillips	440,320	...	.....	.....	361,530	46,168	.....	.....	.....	.....	11,319	2,165	450	89,612	81,405	13,600	1,292	466,251	481,143	652,160	.....Pitkin
Pitkin	652,160	...	14,383	.....	698	55,989	.....	.....	4,608	.....	.....	2,021	1,060	972,450	26,762	862	43,126	.....	43,988	1,043,200	.....Prowers
Prowers	1,043,200	...	91,372	1,449	151,748	716,002	8,838	.....	.....	.....	.....	6,132	17,250	1,218,396	63,300	13,027	233,459	28,938	275,424	1,557,120	.....Pueblo
Pueblo	1,557,120	...	39,168	.....	84,200	1,055,946	15,700	.....	.....	.....	.....	195	400	385,799	214,001	1,100,633	.....	362,287	1,462,920	2,062,720	.....Rio Blanco
Rio Blanco	2,062,720	...	20,234	3,259	18,390	336,547	783	.....	5,291	.....	.....	1,313	985	226,901	24,280	77,523	14,893	231,123	323,539	574,720	.....Rio Grande
Rio Grande	574,720	...	71,550	22,540	.....	124,640	133	.....	.....	.....	2,440	2,437	800	650,400	135,067	56,132	71,888	564,273	692,293	1,477,760	.....Routt
Routt	1,477,760	...	10,025	.....	49,771	535,925	3,105	703	3,961	13,050	620	4,300	2,680	1,150	563,811	144,915	312,713	107,653	876,028	1,296,394	2,005,120	.....Saguache
Saguache	2,005,120	...	45,279	48,699	.....	461,103	.....	.....	.....	.....	195	24,169	913	560	26,037	23,116	46,023	7,422	187,322	240,767	289,920	.....San Juan
San Juan	289,920	...	.....	.....	.....	200	.....	.....	.....	.....	1,144	9,261	1,193	240	246,550	91,661	288,051	20,959	177,099	486,109	824,320	.....San Miguel
San Miguel	824,320	...	7,254	.....	7,244	220,064	.....	150	.....	.....	.....	.....	302	875	305,840	8,570	40	25,390	.....	25,430	339,840	.....Sedgwick
Sedgwick	339,840	..	13,228	5,748	187,994	91,193	.....	.....	.....	.....	.....	.....	450	78,662	45,743	14,520	961	275,474	290,955	415,360	.....Summit
Summit	415,360	...	6,250	.....	.....	39,930	.....	.....	.....	360	29,954	1,718	250	183,097	23,883	25,594	10,591	106,915	143,100	350,080	.....Teller
Teller	350,080	..	.....	1,898	18,780	128,000	.....	.....	.....	2,116	28,491	2,562	1,100	1,180,797	36,031	520	96,092	.....	96,612	1,613,440	....Washington
Washington	1,613,440	.....	7,690	.....	1,118,362	352,555	.....	.....	.....	.....	.....	1,090	8,850	2,300,439	93,307	3,520	176,814	.....	180,334	2,574,080	.....Weld
Weld	2,574,080	.....	347,909	6,554	755,432	1,161,553	4,119	1,455	4,737	.....	.....	9,830	1,250	1,449,147	8,639	1,400	55,694	.....	57,094	1,514,880	.....Yuma
Yuma	1,514,880	.....	2,572	4,402	656,133	783,777	.....	.....	.....	.....	.....	1,013	1,250	1,449,147	8,639	1,400	55,694	.....	57,094	1,514,880	... .State
State	66,341,120	19,357	2,143,004	373,052	10,612,360	23,012,183	758,810	14,955	94,314	183,825	292,052	137,071	152,526	37,793,509	4,505,298	7,545,773	3,107,418	13,389,122	24,042,313	66,341,120	

[1]Includes waste and seep land, mountain home sites, and suburban tracts.

[2]This column includes homestead land filed upon but not patented, state land sold but not fully paid for, and public land withdrawn from entry.

[3]On account of errors in surveys and errors from other sources the combined areas of patented and non-patented land in Alamosa, Archuleta, Costilla, Gilpin, Hinsdale, Lake and Las Animas counties exceed the total areas. Items thus indicated are the acreage by which the classified distribution exceeds the actual areas of the counties, and must be deducted from the sum of all other unclassified items to reach the total shown for this column.

[4]Includes about 20,327 acres of Rocky Mountain national park

[5]Includes about 95,000 acres of Rocky Mountain national park.

[6]Includes about 126,412 acres of Rocky Mountain national monument.

[7]Includes 17,539 acres in the Colorado national monument.

[8]Includes 200 acres in Wheeler national monument.

[9]Includes 51,334 acres in Mesa Verde national park, about 360,000 acres in the Southern Ute reservation, and about 285 acres in the Hovenweep national monument.

[10]Includes 1,392 acres in Holy Cross national monument.

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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
AREA:				
Land area (square miles)	103,658	2,973,776	3.49	7
Water surface (acres)	185,609	33,854,080	0.55	42
Vacant, unappropriated and unreserved public land July 1, 1932 (acres)	7,467,597	173,318,246	4.31	9
National forests (acres) 1933	13,326,851	161,360,691	8.26	4
National parks and monuments, (acres) 1932	393,940	12,943,837	32.86	6*
POPULATION:				
Total, 1930	1,035,791	122,775,046	0.84	33
Total, 1920	939,629	105,710,620	0.89	33
Increase 1920-1930 (%)	10.2	16.1	...	..
Per square mile (1930)	10.0	41.3	...	39
Per square mile (1920)	9.1	35.5	...	42
Indian (1930)	1,395	332,397	0.42	23
Foreign-born white (1930)	85,406	13,366,407	0.64	23
Negro (1930)	11,828	11,891,143	0.10	32
Alien foreign-born white, 21 years old and over (1930)	15,576	3,342,837	0.47	23
Number of illiterates 10 years old and over (1930)	23,141	4,283,753	0.54	32
MANUFACTURES:				
Value of products (1931)	$183,409,363	$41,350,464,564	0.44	34
Bread and other bakery products, value of (1929)	11,773,612	1,526,110,811	0.77	22
Butter, value of (1929)	9,854,633	1,066,172,052	0.92	20
Cheese, value of (1929)	846,964	110,644,732	0.77	14
Condensed and evaporated milk, value of (1927)	2,499,374	200,086,091	1.25	14
Canning and preserving, fruit, vegetables, etc. (1929)	5,322,062	750,342,041	0.71	22
Canned green beans, value of (1929)	1,154,854	16,212,996	7.12	4
Canned wax beans, value of (1929)	244,347	3,413,431	7.16	4
Canned (sour) cherries, value of (1929)	537,407	5,696,838	9.43	4
Meat packing (wholesale), value of products (1929)	36,719,567	3,434,654,098	1.07	19
Flour and other grain mill products, value of (1929)	13,761,733	1,060,269,418	1.30	21
Mining machinery, value of (1929)	4,818,628	40,325,223	11.95	3
Tons of beet sugar manufactured (1911-1930, inc.)	5,421,000	17,699,000	30.63	1
Clay products (other than pottery) and non-clay refractories, value of (1931)	1,607,831	127,335,611	1.26	16
FARMS AND FARM PROPERTY:				
(Census figures)				
Number of farms (1930)	59,956	6,288,648	0.95	30
Land in farms, acres (1930)	28,876,171	986,771,016	2.93	14
Number of farms containing 1,000 acres and over (1930)	5,253	80,620	6.52	6
Value farm property (1930)	$795,387,096	$57,245,544,269	1.39	23
Taxes on all farm property (1929)	2,398,387	212,901,141	1.13	28
Mortgage debt on farms operated by full owners (1930)	48,854,641	4,080,176,438	1.20	24
Value of livestock on farms and ranges (April 1, 1930)	115,798,984	6,064,051,430	1.91	20
Total value all farm products sold (1930)	187,298,846	11,011,329,335	1.70	27
Area irrigated, acres (1929)	3,393,610	19,547,544	17.36	2

*Includes Alaska and Hawaii.

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
TAXATION:				
Net revenue receipts of state from all sources (1931)	$ 22,301,199	$ 2,324,522,179	0.96	34
Governmental-cost payments (1931)	21,083,846	2,508,743,486	0.84	35
Federal corporation income tax (1933)	2,034,444	394,217,783	0.52	25
Federal individual income tax (1933)	1,790,872	352,573,620	0.51	24
State gasoline taxes (1932)	5,469,000	514,139,000	1.06	30
Motor vehicle taxes (1932)	1,947,000	324,274,000	0.60	39
MINING:				
Reserve tonnage of bituminous coal, geological survey estimates, figures in millions of tons	213,071	1,441,395	14.78	1
Est. barrels of oil recoverable from Tertiary shale	47,625,598,000	75,335,721,000	63.22	1
Mineral production, value (1931)	$ 32,970,000	$ 2,854,199,000	1.16	20
Copper, pounds produced (1931)	9,029,000	1,042,711,000	0.87	8
Lead production, short tons (1931)	6,311	446,103	1.41	7
Silver, value (1932)	$ 503,850	$ †6,887,875	7.32	5
Gold, value (1932)	6,339,400	†51,836,400	12.23	4
Zinc production, short tons (1929)	29,431	724,478	4.06	9
Tungsten, value (1929)	$ 124,416	$ 654,000	19.02	2
Fluorspar, value (1905-1930)	2,076,241	44,048,065	4.71	3
Molybdenum, pounds (1929)	3,529,295	3,904,648	90.39	1
Bituminous coal, value (1930)‡.	$ 21,485,000	$ 795,483,000	2.70	8
Petroleum output, barrels, bureau of mines figures (1930)	1,656,000	898,011,000	0.18	17
MISCELLANEOUS:				
Developed water power, horsepower (Jan. 1, 1932)	98,136	15,562,805	0.63	27
Water power, potential h. p. available 50% of the time (Jan. 1, 1928)	1,609,000	59,166,000	2.72	8
Electricity produced for public use in thousands of kilowatt hours (1932)	478,263	83,153,082	0.58	38
Visitors to national parks (1932)	298,740	2,948,507	10.13	..
Church membership (1926)	352,863	54,576,346	0.65	35
Beets produced for sugar, farm value (1921-1929)	$ 150,966,000	$ 476,675,000	31.67	1
Volume of wholesale business (1929)	540,398,295	69,628,448,061	0.78	26
Railroads and equipment, value of (1922)	364,963,000	19,950,800,000	1.83	20
Railway mileage (Dec. 31, 1930)	4,972	249,052	2.00	23
Railroads, taxes and special assessments of Class 1 carriers (1930)	$ 4,271,000	$ 349,207,000	1.22	27
Highway mileage, all types (Dec. 31, 1930)	9,234	324,496	2.85	9
Troops in world war	42,898	4,727,988	0.93	33
Telephones, number of (1927)	183,250	18,522,767	0.99	25
National guard strength	1,859	187,386	0.99	33
Public school property, value of (1929-1930)	$ 62,147,540	$ 6,211,327,040	1.00	24
Probable number of millionaires (1923)	44	8,600	0.51	21
Lodgepole pine cut, board feet (1930)	15,426,000	30,401,000	50.74	1

†Includes Alaska, Philippine Islands and Puerto Rico.
‡Exclusive of wagon mine output.

RANK OF COUNTIES IN THE STATE

COUNTY	Area	Population (1930)	Bank Deposits (Dec. 31, 1933)	Agricultural Values (1933)	Dairy Cattle Values (1933)	Range Cattle Values (1933)	Value Sheep (1933)	Value Swine (1933)	Metal Mining Values (1932)	Coal Mining, Tons (1933)	Manufacturing Values (1929)	Miles Railroad (1933)	Number Autos (1933)	Miles Highways (1932)	Assessed Valuation (1933)
Adams	35	12	39	7	4	41	45	5	25	25	8	16	10	15	8
Alamosa	53	30	23	20	46	42	24	29	--	--	18	42	28	40	38
Arapahoe	48	10	27	29	9	48	39	21	35	26	11	34	8	36	14
Archuleta	38	48	53	49	38	37	18	40	--	23	27	33	55	42	52
Baca	11	22	29	27	37	8	38	7	--	--	--	44	25	17	24
Bent	31	29	25	23	36	26	36	20	--	--	21	26	26	28	29
Boulder	51	7	6	15	10	45	50	32	9	5	7	18	5	33	6
Chaffee	41	31	20	53	42	44	43	39	14	--	16	27	30	50	35
Cheyenne	26	46	50	38	50	16	31	27	--	--	--	32	47	32	31
Clear Creek	60	51	48	61	59	61	60	--	8	--	--	56	49	55	47
Conejos	37	25	35	16	30	32	3	22	--	--	--	38	43	35	41
Costilla	40	38	52	28	54	56	23	34	28	--	28	31	51	53	51
Crowley	50	36	40	35	41	51	47	38	--	--	--	55	37	27	44
Custer	52	52	49	42	43	46	48	45	36	--	--	60	52	30	60
Delta	39	18	18	12	14	22	11	24	--	11	17	30	17	37	27
Denver	63	1	1	--	49	--	--	--	21	--	1	39	1	--	1
Dolores	42	58	--	55	55	54	25	47	--	--	--	58	61	54	62
Douglas	47	47	54	47	12	30	56	41	20	--	--	15	39	34	33
Eagle	29	44	37	37	32	23	19	44	4	--	34	24	40	45	42
Elbert	22	34	28	19	6	24	30	15	23	19	--	23	34	5	36
El Paso	19	4	3	21	2	17	41	14	--	8	5	4	3	9	4
Fremont	30	14	8	39	33	38	54	36	22	7	9	12	14	49	15
Garfield	8	23	13	17	18	6	5	17	--	13	25	10	23	16	18
Gilpin	62	60	--	60	61	59	--	--	5	--	--	53	57	62	57
Grand	21	53	42	44	44	25	32	51	33	--	--	28	48	47	45
Gunnison	5	40	21	40	35	7	10	52	15	6	26	5	36	43	20
Hinsdale	44	63	--	59	63	57	46	--	17	--	--	61	63	59	63
Huerfano	32	16	12	48	31	31	21	43	32	3	24	11	22	41	28
Jackson	27	59	--	32	45	9	16	55	29	12	--	46	53	46	59
Jefferson	49	11	45	26	13	39	52	30	26	9	19	13	7	18	11
Kiowa	25	45	55	43	51	28	37	31	--	--	--	22	46	29	30
Kit Carson	18	26	31	22	11	14	44	4	--	--	--	36	21	11	17
Lake	61	41	19	57	58	60	58	--	7	--	--	37	42	13	43
La Plata	23	20	11	36	27	33	22	35	12	14	10	9	20	59	25
Larimer	9	6	7	5	5	15	34	19	30	17	4	6	6	19	5
Las Animas	1	5	5	34	21	1	2	25	--	2	13	2	12	2	7
Lincoln	10	33	26	31	24	11	33	13	--	--	31	29	31	20	21
Logan	24	13	15	4	8	18	51	3	--	--	14	8	13	3	9
Mesa	6	8	10	8	3	2	8	18	34	10	15	7	9	7	12
Mineral	46	62	--	58	60	58	29	--	--	--	--	59	62	61	61
Moffat	2	42	--	46	34	21	1	42	18	18	--	63	41	25	46
Montezuma	20	32	46	33	25	34	15	28	31	16	--	35	33	22	48
Montrose	16	21	14	9	22	20	7	23	16	21	22	41	19	23	32
Morgan	34	15	17	3	7	36	49	8	--	--	--	20	15	26	13
Otero	36	9	16	6	20	35	20	12	--	--	6	17	11	14	10
Ouray	58	56	47	51	53	43	26	48	6	24	--	51	56	52	55
Park	17	54	44	45	52	29	12	56	1	--	--	14	45	31	39
Phillips	54	37	30	30	26	53	57	9	--	--	30	52	32	24	36
Pitkin	43	57	43	50	57	50	27	49	13	20	--	50	59	56	58
Prowers	28	17	22	18	19	19	42	10	--	--	12	25	16	12	16
Pueblo	13	2	2	10	16	27	40	26	--	--	2	3	4	4	3
Rio Blanco	4	49	41	41	40	4	6	46	--	15	--	62	50	44	49
Rio Grande	15	24	--	2	29	40	14	16	27	--	20	40	24	39	37
Routt	15	28	36	25	23	5	4	33	24	4	23	19	29	8	23
Saguache	7	35	33	14	48	13	9	37	19	--	29	21	44	21	40
San Juan	59	55	38	--	62	62	35	--	--	--	--	57	60	58	56
San Miguel	33	50	--	54	47	47	13	50	10	22	35	43	54	51	54
Sedgwick	57	39	34	24	28	49	59	11	3	--	--	54	35	38	34
Summit	55	61	51	56	56	55	55	53	11	--	--	45	58	60	53
Teller	56	43	9	52	39	52	61	54	2	--	33	49	38	48	50
Washington	12	27	32	13	17	10	28	2	--	--	--	47	27	6	22
Weld	3	3	4	1	1	3	17	6	--	1	3	1	2	1	2
Yuma	14	19	24	11	15	12	53	1	--	--	32	48	18	10	19

COMPOSITION AND CHARACTERISTICS OF POPULATION BY COUNTIES

(Census 1930)

COUNTY	Total Population	Native White	Foreign Born White	Negro	Indian	Chinese	Japanese	Mexican
Adams	20,245	16,349	2,133	107	4	----	437	1,191
Alamosa	8,602	7,810	213	49	----	----	21	507
Arapahoe	22,647	20,588	1,652	104	10	1	53	224
Archuleta	3,204	1,582	47	----	5	----	12	1,558
Baca	10,570	10,436	80	2	4	----	----	48
Bent	9,134	7,825	239	15	2	20	163	866
Boulder	32,456	27,792	2,702	128	7	7	133	1,675
Chaffee	8,126	6,416	770	23	1	----	31	884
Cheyenne	3,723	3,491	184	1	1	----	----	46
Clear Creek	2,155	1,866	269	11	----	2	----	7
Conejos	9,803	9,614	86	4	13	----	41	26
Costilla	5,779	5,339	63	1	3	----	171	190
Crowley	5,934	4,282	292	17	8	----	92	1,243
Custer	2,124	1,831	167	36	----	----	----	90
Delta	14,204	12,616	548	1	5	----	49	982
Denver	287,861	241,742	31,235	7,204	243	154	349	6,837
Dolores	1,412	1,287	91	----	----	----	6	28
Douglas	3,498	3,163	220	2	----	----	----	112
Eagle	3,924	3,233	293	1	----	----	1	389
Elbert	6,580	6,152	357	13	3	----	11	44
El Paso	49,570	44,424	3,247	1,096	20	5	10	759
Fremont	18,896	15,988	1,752	216	12	----	4	923
Garfield	9,975	8,870	752	11	2	----	----	340
Gilpin	1,212	1,029	174	----	----	----	----	9
Grand	2,108	1,897	176	----	----	----	7	28
Gunnison	5,527	4,544	715	13	3	----	----	252
Hinsdale	449	402	29	3	----	----	----	15
Huerfano	17,062	12,555	1,786	254	----	----	26	2,425
Jackson	1,386	1,244	113	----	----	----	----	29
Jefferson	21,810	19,462	2,120	64	14	1	56	92
Kiowa	3,786	3,607	87	30	1	----	----	61
Kit Carson	9,725	9,375	338	----	----	----	----	12
Lake	4,899	3,613	986	17	1	----	----	282
La Plata	12,975	9,954	782	35	430	14	7	1,753
Larimer	33,137	28,242	2,814	13	11	----	3	2,054
Las Animas	36,008	27,487	3,426	286	51	4	5	4,748
Lincoln	7,850	7,490	275	1	1	----	----	83
Logan	19,946	17,294	1,698	39	3	----	97	815
Mesa	25,908	23,548	1,263	72	10	7	35	973
Mineral	640	566	42	1	----	----	----	31
Moffat	4,861	4,596	228	1	----	----	----	36
Montezuma	7,798	6,316	199	3	413	----	----	867
Montrose	11,742	9,927	551	8	8	----	56	1,191
Morgan	18,284	15,109	1,721	35	----	----	21	1,398
Otero	24,390	19,078	766	222	12	----	332	3,941
Ouray	1,784	1,552	228	3	----	1	----	----
Park	2,052	1,864	120	----	----	----	----	68
Phillips	5,797	5,526	262	----	9	----	----	----
Pitkin	1,770	1,374	391	3	1	----	1	----
Prowers	14,762	12,883	374	46	15	3	5	1,436
Pueblo	66,038	52,865	6,328	1,333	26	13	91	5,356
Rio Blanco	2,980	2,827	103	16	----	----	----	34
Rio Grande	9,953	9,284	232	4	1	----	2	430
Routt	9,352	8,081	841	125	19	----	65	220
Saguache	6,250	5,555	187	2	----	----	1	505
San Juan	1,935	1,314	460	4	----	----	----	157
San Miguel	2,184	1,872	235	2	2	----	----	73
Sedgwick	5,580	4,733	368	4	----	----	91	384
Summit	987	856	124	----	----	----	----	7
Teller	4,141	3,695	428	7	----	----	----	11
Washington	9,591	8,988	453	27	----	----	16	107
Weld	65,097	49,221	6,204	111	19	1	712	8,792
Yuma	13,613	13,190	387	2	2	----	----	32
State	1,035,791	875,711	85,406	11,828	1,395	233	3,213	57,676

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

COLORADO POPULATION STATISTICS, BY YEARS AND CLASSIFICATION
(Compiled from Federal Census Reports)

	1930	1920	1910	1900
Total Population	1,035,791	939,629	799,024	539,700
Number per square mile	10.0	9.1	7.7	5.2
Increase over preceding census:				
Number	96,162	140,605	259,324	126,451
Per cent increase	10.2	17.6	48.0	30.6
Males	530,752	492,731	430,697	368,327
Females	505,039	446,898	368,327	244,368
Males to 100 females	105.1	110.3	116.9	120.9
Urban	519,882	453,259	404,840	260,651
Males	254,319	229,374	206,805	134,267
Females	265,563	223,885	198,035	126,384
Rural	515,909	486,370	394,184	279,049
Males	276,433	263,357	223,892	161,065
Females	239,476	223,013	170,292	117,984
Number illiterate (10 years, or more, age)	23,141	24,208	23,780	17,779
Per cent illiterate	2.8	3.2	3.7	4.2
Color and nativity:				
Native white	875,711	807,149	656,564	438,571
Foreign-born white	85,406	*116,954	126,851	90,475
Negro	11,828	11,318	11,453	8,570
Mexicans	57,676	*	*	*
Indians	1,395	1,383	1,482	1,437
Chinese	233	291	373	509
Japanese	3,213	2,464	2,300	48
All others	329	70	1	90
Population by age:				
Under 5 years	95,670	97,058	82,562	56,999
5 to 9	104,780	95,086	75,616	57,277
10 to 14	98,940	89,214	69,688	48,871
15 to 19	95,132	78,632	71,045	45,014
20 to 24	86,913	78,338	79,050	49,600
25 to 29	77,310	78,905	78,885	51,335
30 to 34	74,191	74,825	69,313	49,938
35 to 44	146,667	134,428	116,508	85,691
45 to 54	115,665	100,424	83,259	50,889
55 to 64	78,035	64,002	44,022	25,890
65 to 74	45,073	30,049	20,158	10,621
75 and over	16,714	11,014	6,569	3,025
Unknown	701	7,654	2,349	4,550
Persons 10 years old and over engaged in gainful occupations:				
Number engaged	402,867	366,457	338,724	218,263
Per cent of total population	38.9	39.0	42.4	40.4
Males	321,874	303,870	285,083	190,297
Females	80,993	62,587	53,641	27,966
Families in Colorado:				
Number	267,324	230,843	194,467	127,459
Median size	3.17	4.1	4.1	4.2
Urban	141,338	112,380	97,456	.....
Rural	125,986	118,463	97,011	.....
Number of dwellings	242,548	211,103	183,874	.....
Homes owned	131,571	116,781	96,728	56,247
Homes rented	127,979	109,501	90,929	64,529
Tenure unknown	7,774	4,561	6,810	6,681
Families having radio sets	100,959	.....	.....	.....
Number of farms	59,956	59,934	46,170	24,700
Marital conditions (persons 15 years or over):				
Males, number	379,165	350,813	315,422	213,157
Single	125,015	123,473	129,828	93,891
Married	227,494	200,800	167,799	105,902
Widowed	18,895	17,592	13,457	8,903
Divorced	6,938	4,378	2,782	1,178
Unknown	823	4,570	1,556	3,283
Females, number	357,236	307,458	255,736	163,396
Single	83,456	73,098	65,931	42,738
Married	226,078	195,193	160,546	102,388
Widowed	40,337	34,186	25,752	16,210
Divorced	7,013	4,058	3,043	1,281
Unknown	352	923	464	779

*Mexicans were not segregated in 1920, 1910 and 1900 and are included in the foreign-born white.

Note—In all census reports the classification "Mexicans" includes all persons of both Spanish and Mexican origin.

POPULATION OF COLORADO BY COUNTIES

(Compiled from the Census Reports)

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

*Minus sign (—) denotes decrease.

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

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

[c]Part of Denver county was annexed to Adams county in 1909.

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

[e]Crowley county was organized from part of Otero county in 1911.

[f]Jackson county was organized from part of Larimer county in 1909.

[g]Part of Jefferson county was annexed to Park county in 1908.

[h]Moffat county was organized from part of Routt county in 1911.

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

DISTRIBUTION OF POPULATION AND PER CAPITA STATISTICS

(Based on the Census Bureau Population Report for 1930)

COUNTY	Population	Area Square Miles	Population per Square Mile	Assessed Valuation per Capita, 1930	Taxes Assessed per Capita, 1930	Bank Deposits per Capita, 1930
Adams	20,245	1,262	16.0	$1,588.89	$39.06	$ 63.70
Alamosa	8,602	727	11.8	1,162.20	42.40	21.72
Arapahoe	22,647	842	26.9	1,038.40	32.65	90.93
Archuleta	3,204	1,220	2.6	1,459.42	37.98	63.03
Baca	10,570	2,552	4.1	1,266.77	35.57	69.24
Bent	9,134	1,524	6.0	1,504.44	37.19	116.04
Boulder	32,456	764	42.5	1,443.89	44.02	229.98
Chaffee	8,126	1,083	7.5	1,179.26	40.28	228.69
Cheyenne	3,723	1,777	2.1	3,703.83	68.25	71.92
Clear Creek	2,155	390	5.5	2,514.86	72.30	207.87
Conejos	9,803	1,252	7.8	947.81	33.33	673.95
Costilla	5,779	1,185	4.9	919.31	34.37	34.56
Crowley	5,934	808	7.3	1,713.82	47.78	109.51
Custer	2,124	747	2.8	1,438.72	40.43	110.07
Delta	14,204	1,201	11.8	1,061.62	42.72	134.25
Denver	287,861	58	4,963.2	1,592.05	51.60	237.32
Dolores	1,412	1,030	1.4	1,292.57	50.00	.....
Douglas	3,498	845	4.1	3,282.21	63.40	154.61
Eagle	3,924	1,620	2.4	1,828.90	55.26	116.88
Elbert	6,580	1,857	3.5	2,691.27	56.74	140.40
El Paso	49,570	2,121	23.4	1,524.78	53.21	397.92
Fremont	18,896	1,557	12.1	1,237.20	39.97	225.36
Garfield	9,975	3,107	3.2	1,811.38	68.52	273.38
Gilpin	1,212	132	9.2	2,374.39	71.77	208.92
Grand	2,108	1,866	1.1	2,759.18	64.60	209.10
Gunnison	5,527	3,179	1.7	2,879.90	71.94	298.28
Hinsdale	449	971	0.5	2,240.22	105.08	.....
Huerfano	17,062	1,500	11.4	973.27	34.69	149.64
Jackson	1,386	1,632	0.8	2,816.56	45.74	.....
Jefferson	21,810	808	27.0	1,274.50	36.65	62.92
Kiowa	3,786	1,798	2.1	3,491.83	59.79	100.04
Kit Carson	9,725	2,159	4.5	2,189.81	57.17	93.67
Lake	4,899	371	13.2	1,552.12	57.19	239.60
La Plata	12,975	1,851	7.0	1,194.70	41.23	199.33
Larimer	33,137	2,629	12.6	1,614.06	50.15	187.57
Las Animas	36,008	4,809	7.5	1,165.17	39.30	212.00
Lincoln	7,850	2,570	3.1	2,599.49	64.17	102.02
Logan	19,946	1,822	10.9	1,850.79	53.96	116 50
Mesa	25,908	3,163	8.2	1,166.65	39.70	158.66
Mineral	640	866	0.7	2,446.31	54.84	.....
Moffat	4,861	4,658	1.0	1,515.11	51.49	128.58
Montezuma	7,798	2,051	3.8	841.78	31.76	161.84
Montrose	11,742	2,264	5.2	1,048.75	41.25	180.71
Morgan	18,284	1,286	14.2	1,591.62	45.33	163.79
Otero	24,390	1,259	19.4	1,324.34	38.86	113.07
Ouray	1,784	519	3.4	2,290.38	74.77	171.41
Park	2,052	2,242	0.9	4,339.42	71.65	109.70
Phillips	5,797	688	8.4	2,662.74	54.74	215.82
Pitkin	1,770	1,019	1.7	2,224.95	78.27	210.58
Prowers	14,762	1,630	9.1	1,487.75	44.60	120.69
Pueblo	66,038	2,433	27.1	1,233.38	47.25	398.04
Rio Blanco	2,980	3,223	0.9	1,999.39	54.31	239.08
Rio Grande	9,953	898	11.1	1,099.36	44.72	189.47
Routt	9,352	2,309	4.1	1,701.02	50.30	105.86
Saguache	6,250	3,133	2.0	1,836.46	48.48	129.25
San Juan	1,935	453	4 3	1,777.81	50.51	266.22
San Miguel	2,184	1,301	1.7	2,490.53	88.95	.....
Sedgwick	5,580	531	10.5	2,379.51	70.76	115.76
Summit	987	649	1 5	4,700.25	120.27	115.19
Teller	4,141	547	7.6	1,370.34	56.74	449.32
Washington	9,591	2,521	3.8	1,798.05	48.02	56.26
Weld	65,097	4,022	16.2	1,616.09	49.82	151.20
Yuma	13,613	2,367	5.8	1,840.80	48.83	135.44
State	1,035,791	103,658	10.0	$1,538.34	$47.95	$202.74

COLORADO COUNTIES AND COUNTY SEATS

COUNTY	County Seat	Railway Dist'ce from Denver, Miles	Population of County Seat		
			Census 1930	Census 1920	Census 1910
Adams	Brighton	19	3,394	2,715	850
Alamosa	Alamosa	251	5,107	3,171	3,013
Arapahoe	Littleton	10	2,019	1,636	1,373
Archuleta	Pagosa Springs	421	804	1,032	669
Baca	Springfield‡	285	1,393	295	.....
Bent	Las Animas	202	2,517	2,252	2,008
Boulder	Boulder	30	11,223	11,006	9,539
Chaffee	Salida	215	5,065	4,689	4,425
Cheyenne	Cheyenne Wells	177	595	508	270
Clear Creek	Georgetown	50	303	703	950
Conejos	Conejos	281	£	350	.....
Costilla	San Luis£	248	£	550	.....
Crowley	Ordway	169	1,139	1,186	705
Custer	Silver Cliff	209	201	241	250
Delta	Delta	325°	2,938	2,623	2,388
Denver	Denver	...	287,861	256,491	213,381
Dolores	Rico	443	447	326	368
Douglas	Castle Rock	32	478	461	365
Eagle	Eagle	180°	341	358	186
Elbert	Kiowa*	46	185	148	.....
El Paso	Colorado Springs	75	33,237	30,105	29,078
Fremont	Canon City	160	5,938	†6,386	5,162
Garfield	Glenwood Springs	185°	1,825	2,073	2,019
Gilpin	Central City	45	572	552	1,782
Grand	Hot Sulphur Springs	86°	142	123	182
Gunnison	Gunnison	288	1,415	1,329	1,026
Hinsdale	Lake City	351	259	317	405
Huerfano	Walsenburg	171	5,503	3,565	2,323
Jackson	Walden	256	284	260	162
Jefferson	Golden	16	2,426	2,135	2,477
Kiowa	Eads	230	518	406	.....
Kit Carson	Burlington	167	1,280	991	368
Lake	Leadville	276	3,771	4,959	1,508
La Plata	Durango	451	5,400	4,116	4,686
Larimer	Fort Collins	68	11,489	8,755	8,210
Las Animas	Trinidad	212	11,732	10,906	10,204
Lincoln	Hugo	104	712	838	343
Logan	Sterling	123	7,195	6,415	3,044
Mesa	Grand Junction	274°	10,247	8,665	7,754
Mineral	Creede	321	384	500	741
Moffat	Craig	232°	1,418	1,297	392
Montezuma	Cortez	506	921	541	565
Montrose	Montrose	351	3,566	3,581	3,254
Morgan	Fort Morgan	78	4,423	3,818	2,800
Otero	La Junta	183	7,193	4,964	4,154
Ouray	Ouray	387	707	1,165	1,644
Park	Fairplay	115	221	183	265
Phillips	Holyoke	173	1,226	1,205	659
Pitkin	Aspen	226°	705	1,265	1,834
Prowers	Lamar	235	4,233	2,512	2,977
Pueblo	Pueblo	119	50,096	43,050	44,395
Rio Blanco	Meeker*	253°	1,069	935	807
Rio Grande	Del Norte	283	1,410	1,007	840
Routt	Steamboat Springs	177°	1,198	1,249	1,227
Saguache	Saguache*	265	1,010	948	620
San Juan	Silverton	497	1,301	1,150	2,153
San Miguel	Telluride	422	512	1,618	1,756
Sedgwick	Julesburg	197	1,467	1,320	962
Summit	Breckenridge	110	436	796	834
Teller	Cripple Creek	132	1,427	2,325	6,206
Washington	Akron	112	1,135	1,401	647
Weld	Greeley	52	12,203	10,958	8,179
Yuma	Wray	165	1,785	1,538	1,000

* Not directly on railroad. † Greater Canon City. ‡ Via Lamar. Does not have direct rail communication with Denver. ° Via Moffat tunnel. £ Not incorporated.
Memo: Delta is 326 via Moffat tunnel, but through tickets not sold.

FAMILIES: AGE AND NUMBER OF CHILDREN, NUMBER GAINFULLY OCCUPIED, NUMBER OF HOME-MAKERS, NUMBER OF LODGERS, ETC., IN COLORADO, 1930.

(Compiled from Census Reports)

	All Families		Owner Families		Tenant Families	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
The State	267,324	100.0	131,571	100.0	127,979	100.0
Families having—						
No gainful workers	19,782	7.4	12,680	9.6	6,488	5.1
1 gainful worker	176,720	66.1	81,239	61.7	89,933	70.3
2 gainful workers	51,304	19.2	26,390	20.1	23,697	18.5
3 gainful workers	14,232	5.3	8,201	6.2	5,744	4.5
4 or more	5,286	2.0	3,061	2.4	2,117	1.6
Families having home-makers	246,739	100.0	122,626	100.0	117,739	100.0
Not gainfully employed	212,955	86.3	108,698	88.6	98,911	84.0
Gainfully employed	33,784	13.7	13,928	11.4	18,828	16.0
Families comprising—						
1 person	29,388	11.0	13,685	10.4	14,033	11.0
2 persons	67,232	25.2	33,301	25.3	31,937	25.0
3 persons	55,441	20.7	26,848	20.4	27,186	21.2
4 persons	44,926	16.8	22,739	17.3	21,232	16.6
5 persons	28,859	10.8	14,696	11.2	13,504	10.6
6 persons	17,613	6.6	8,811	6.7	6,278	6.6
7 persons	10,447	3.9	5,135	3.9	5,034	3.9
8 persons	6,094	2.3	2,950	2.2	2,985	2.3
9 or more persons	7,324	2.7	3,406	2.6	3,673	2.8
Families having—						
No children under 10	163,646	61.2	88,414	67.2	70,387	55.0
1 child under 10	49,031	18.3	21,017	16.0	26,680	20.8
2 children under 10	29,737	11.1	12,552	9.5	16,396	12.8
3 children under 10	14,737	5.5	5,883	4.5	8,374	6.5
4 children under 10	6,897	2.6	2,574	2.0	4,112	3.2
5 children under 10	2,511	0.9	884	0.7	1,545	1.2
6 or more	765	0.3	247	0.2	485	0.4
Families having—						
No lodgers	243,347	91.0	119,990	91.2	116,426	91.0
1 lodger	16,524	6.2	8,221	6.2	7,782	6.1
2 lodgers	4,172	1.6	2,025	1.5	1,996	1.6
3 or more lodgers	3,282	1.2	1,335	1.1	1,775	1.3
Median size of families	3.17	...	3.20	...	3.16	...
Average size of families	3.57	...	.....	...	.....	...
Heads of Families:						
Man head, all ages	233,192	87.2	113,810	86.5	112,687	88.1
Woman head, all ages	34,132	12.8	17,761	13.5	15,292	11.9

FAMILIES IN COLORADO BY COLOR AND NATIVITY IN CENSUS YEARS

(Compiled from Census Reports)

Note—The family figures for 1930 and 1900 represent private families only; those for 1920 and 1890 include a small number of institutions and other quasi-family groups which were counted as families in those years. Information on families by counties is given in a separate table.

COLOR AND NATIVITY	1930		1920		1900		1890	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
All classes	267,324	100.0	230,843	100.0	122,349	100.0	84,276	100.0
White	251,811	94.2	226,465	98.1	119,811	97.9	82,748	98.2
Native	210,335	78.7	177,282	76.8	85,819	70.1	57,696	68.5
Native parentage	158,679	59.4	136,050	58.9	66,874	54.6	47,592	56.5
Foreign or mixed parentage	51,656	19.3	41,232	17.9	18,945	15.5	10,104	12.0
Foreign born	41,476	15.5	49,183	21.3	33,992	27.8	25,052	29.7
Negro	3,538	1.3	3,233	1.4	2,052	1.7	1,216	1.4
Other races	11,975	4.5	1,145	0.5	486	0.4	312	0.4

POPULATION, DWELLINGS AND FAMILIES, 1890 TO 1930
(Compiled from Census Reports)

SUBJECT	1930	1920	1910	1900	1890
Population of state	1,035,791	939,629	799,024	539,700	412,198
In private families only	998,657	.....	.....	496,430	.....
Families, including institutions, etc.*	268,423	230,843	191,467	127,459	84,276
Private families only	267,324	.....	.....	122,349	.....
Dwellings, including those occupied by institutions, etc.	243,647	211,103	183,874	120,364	81,127
Occupied by private families	242,548	.....	.....	115,254	.....
Population per family, including institutions, etc.	3.86	4.07	4.11	4.23	4.89
Per private family†	3.74	.....	.....	4.06	.....
Population per dwelling, including those occupied by institutions, etc.	4.25	4.45	4.35	4.48	5.08
Per private dwelling	4.12	.....	.....	4.31	.....

*In addition to the number of normal or private families, the count of families in censuses prior to 1930 has included certain aggregates of population, such as institutions, hotels, boarding houses and construction camps. These quasi-families are omitted from the general tabulation for families in 1930, but are included here for comparative purposes.

†Based on the number of private families and the population in such families, including lodgers and resident servants.

TENURE OF HOMES, FARM AND NON-FARM, FOR COLORADO, 1900 TO 1930
(Compiled from Census Reports)

NOTE.--Figures for 1930 and 1900 represent private-family homes alone; those for 1920 and 1910 include premises occupied by a small number of institutions and other quasi-family groups which were counted as family groups in those years.

TENURE	1930		1920		1910		1900	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
All Homes	267,324	100.0	230,843	100.0	194,467	100.0	122,349	100.0
Owned	131,571	49.2	116,781	50.6	96,728	49.7	54,965	44.9
Rented	127,979	47.9	109,501	47.4	90,929	46.8	61,386	50.2
Tenure unknown	7,774	2.9	4,561	2.0	6,810	3.5	5,998	4.9
Farm homes	65,175	100.0	62,112	100.0	45,768	100.0	24,602	100.0
Owned	35,019	53.7	42,856	69.0	36,621	80.0	17,850	72.6
Rented	26,999	41.4	17,917	28.8	8,946	19.5	6,364	25.9
Tenure unknown	3,157	4.9	1,339	2.2	201	0.5	388	1.5
Non-farm homes	202,149	100.0	168,731	100.0	148,699	100.0	97,747	100.0
Owned	96,552	47.8	73,925	43.8	60,107	40.4	37,115	38.0
Rented	100,980	50.0	91,584	54.3	81,983	55.1	55,022	56.3
Tenure unknown	4,617	2.2	3,222	1.9	6,609	4.5	5,610	5.7

FAMILIES, MEDIAN SIZE, TENURE, NUMBER OF DWELLINGS AND MEDIAN VALUE AND RENTALS, BY COUNTIES, 1930

(Compiled from Census Reports)

COUNTY	ALL FAMILIES						Number of Dwellings	Median Value Owned Homes	Median Rental Tenant Homes
	Total	Median Size	Owner	Tenant	Farm	Non-Farm			
Adams	4,639	3.44	2,500	2,057	2,083	2,556	4,515	$2,822	$20.40
Alamosa	2,106	3.44	934	1,064	545	1,561	1,985	2,720	23.46
Arapahoe	6,019	3.14	3,708	2,141	1,210	4,809	5,824	2,934	21.72
Archuleta	777	3.47	409	325	410	367	749	1,143	10.00
Baca	2,464	3.72	1,368	1,018	1,730	734	2,371	1,472	14.97
Bent	2,070	3.48	898	1,027	1,042	1,028	1,993	2,052	16.11
Boulder	9,002	3.07	4,948	3,868	1,627	7,375	8,547	2,905	18.89
Chaffee	2,034	3.09	1,060	958	330	1,704	1,953	1,893	19.18
Cheyenne	924	3.43	470	441	614	310	899	2,396	13.05
Clear Creek	745	2.32	369	367	29	716	724	1,076	12.77
Conejos	2,065	4.28	1,231	771	1,169	896	1,968	----	----
Costilla	1,270	4.13	712	380	594	676	1,243	----	----
Crowley	1,426	3.53	551	829	762	664	1,345	1,845	12.42
Custer	621	2.77	364	255	365	256	612	1,114	10.59
Delta	3,606	3.46	1,927	1,585	1,941	1,665	3,483	2,327	14.50
Denver	79,351	2.87	35,577	42,275	232	79,119	64,230	4,597	29.59
Dolores	390	3.10	229	155	184	206	384	----	13.67
Douglas	963	3.03	431	494	505	458	924	2,712	14.91
Eagle	1,016	3.03	469	522	403	613	974	1,680	13.13
Elbert	1,679	3.33	978	683	1,245	434	1,645	2,074	13.87
El Paso	14,132	2.80	7,652	6,314	1,456	12,676	13,081	3,660	22.22
Fremont	4,755	3.20	2,643	2,081	1,164	3,591	4,504	2,121	15.36
Garfield	2,609	3.24	1,340	1,218	1,154	1,455	2,500	2,231	18.97
Gilpin	415	2.16	210	148	33	382	412	----	12.11
Grand	623	2.40	348	256	240	383	615	1,298	10.63
Gunnison	1,510	2.97	739	734	339	1,171	1,474	1,400	11.46
Hinsdale	151	2.14	85	54	34	117	144	----	----
Huerfano	3,969	3.79	1,595	2,225	876	3,093	3,668	1,608	12.03
Jackson	391	2.74	212	158	204	187	382	----	----
Jefferson	5,829	3.07	3,815	1,952	2,138	3,691	5,627	3,055	21.03
Kiowa	946	3.33	515	360	613	333	911	2,175	12.33
Kit Carson	2,300	3.73	1,172	1,107	1,515	785	2,226	2,627	16.71
Lake	1,406	2.79	937	442	28	1,378	1,385	----	10.52
La Plata	3,239	3.43	1,678	1,487	1,180	2,059	3,009	2,640	20.54
Larimer	8,610	3.28	4,402	3,757	2,349	6,261	8,195	3,368	21.98
Las Animas	8,569	3.65	3,563	4,769	2,036	6,533	8,071	1,482	11.47
Lincoln	1,963	3.38	1,117	809	1,214	749	1,916	2,532	16.64
Logan	4,497	3.81	2,001	2,309	1,995	2,502	4,319	2,938	20.06
Mesa	6,603	3.32	3,835	2,669	2,648	3,955	6,250	2,716	19.83
Mineral	217	2.22	116	96	36	181	206	----	----
Moffat	1,396	2.77	844	476	811	585	1,356	2,529	19.74
Montezuma	1,897	3.54	965	906	1,029	868	1,836	2,227	13.23
Montrose	2,834	3.56	1,434	1,332	1,566	1,268	2,753	2,217	16.85
Morgan	4,263	3.64	1,929	2,144	2,020	2,243	4,083	3,125	20.27
Otero	6,028	3.47	2,629	3,106	1,693	4,335	5,520	2,533	14.78
Ouray	569	2.50	320	227	180	389	546	1,231	12.08
Park	632	2.44	361	269	349	283	625	----	----
Phillips	1,455	3.49	670	671	738	717	1,430	2,983	17.07
Pitkin	539	2.61	393	135	175	364	532	----	----
Prowers	3,524	3.64	1,489	1,953	1,534	1,990	3,340	2,519	14.35
Pueblo	16,008	3.28	8,746	6,897	1,604	14,404	14,464	2,420	22.64
Rio Blanco	772	2.93	429	284	438	334	722	2,344	15.00
Rio Grande	2,380	3.53	1,088	1,135	976	1,404	2,237	2,672	14.71
Routt	2,506	3.02	1,047	1,394	829	1,677	2,433	1,685	13.62
Saguache	1,540	3.34	663	708	629	911	1,495	----	11.68
San Juan	440	2.66	175	262	----	440	423	----	16.56
San Miguel	622	2.81	379	232	247	375	615	1,217	11.99
Sedgwick	1,305	3.71	559	673	609	696	1,250	2,766	19.27
Summit	330	2.25	186	143	56	274	323	----	12.30
Teller	1,363	2.37	926	430	186	1,177	1,344	----	12.14
Washington	2,280	3.72	1,169	1,066	1,763	517	2,258	2,244	13.80
Weld	15,396	3.63	6,339	7,931	7,267	8,129	14,452	2,735	19.75
Yuma	3,344	3.51	1,723	1,445	2,204	1,140	3,248	2,491	15.24
State	267,324	3.17	131,571	127,979	65,175	202,149	242,548	$3,209	$22.38

COLORADO FARM MORTGAGE DEBT

(Compiled from Census Reports)

Note.—Farms operated by their owners include part owners, those who hire some additional land. Full owners are operators who own all the land they operate.

	1930	1925	1920
Farms operated by owners:			
Total number	38,426	39,517	45,291
Free from mortgage	15,741	.....	20,965
Mortgaged	20,016	20,997	21,131
No mortgage report	2,669	.....	3,195
Per cent of total reported as mortgaged:			
Colorado	52.1	53.1	46.7
United States	42.0	36.1	37.2
All farms operated by full owners	26,929	29,292	35,553
Reporting mortgage debt, number	12,665	14,444	15,735
Acres in farms reporting debt	3,926,217	4,927,112	.....
Value of farms (land and buildings) reporting mortgage debt	$127,162,862	$144,065,345	$211,700,699
Amount of mortgage debt	48,354,641	61,408,229	62,623,338
Ratio of debt to value (per cent)	38.42	42.63	29.58
Average per mortgaged farm:			
Value of farm (land and buildings)	$ 10,040	$ 9,974	$ 13,454
Average per acre:			
Value of farm (land and buildings)	32.39	29.24	.....
Amount of mortgage debt	12.44	12.46	.....
Farms operated by full owners reporting both mortgage debt and charges:			
Number of farms	10,227	.....	.....
Acres in farms	3,074,134	.....	.....
Value of land and buildings	$ 97,701,953	.....	.....
Mortgage debt:			
Amount	37,735,929	.....	.....
Ratio to value land and buildings (per cent)	38.62	.....	.....
Charges on mortgage debt, interest, commissions, etc. (1929):			
Amount	$ 2,542,230	.....	.....
Ratio to debt (per cent)	6.74	.....	.....

STATE SEAL AND MOTTO

The seal of the state of Colorado, as determined by statutory enactment, is described as follows:

It shall be two and one-half inches in diameter with the following device inscribed thereon: An heraldic shield bearing in chief, or upon the upper portion of same upon a red ground, three snow-capped mountains; above, surrounding clouds; upon the lower part thereof, upon a golden ground, a miner's badge as prescribed by the rules of heraldry; as a crest above the shield, the eye of God, being golden rays proceeding from the lines of a triangle; below the crest and above the shield as a scroll, the Roman fasces, bearing upon a band of red, white and blue the words "Union and Constitution"; below the whole the motto "Nil Sine Numine," the whole to be surrounded by the words "State of Colorado" and the figures "1876."

The meaning of the Latin motto "Nil Sine Numine" is "Nothing without Providence."

The secretary of state alone is authorized to use or affix the seal to any document whatever, and he only in pursuance of the law. He is the custodian of the seal. Severe penalties are provided for counterfeiting or illegally using the seal.

FARM MORTGAGE DEBT IN COLORADO IN 1930 BY COUNTIES

(Compiled from Census Reports)

Note.—This table embraces only farms operated by full owners. Full owners are farm operators ho own all the land which they operate. State totals for farms of this and other tenures for 1930 ith comparative figures for 1925 and 1920 are shown in another table.

COUNTY	Farms Operated by Full Owners				Value of Land and Buildings		Amount of Mortgage Debt	
	Total	Free from Mortgage Debt	Mortgaged	No Report or Amt. Not Stated	Farms Free from Mortgage Debt	Mortgaged Farms	Total	Av. Per Acre
dams	892	365	471	56	$ 3,151,330	$ 4,970,101	$ 2,112,361	$24.55
lamosa	253	108	115	30	848,600	1,624,020	585,442	17.98
rapahoe	617	240	327	50	2,026,905	3,546,717	1,157,973	23.31
rchuleta	256	174	71	11	590,880	424,785	179,728	5.96
aca	693	227	375	91	1,565,758	3,355,429	853,786	4.23
ent	328	106	155	67	800,891	1,859,080	764,392	16.97
oulder	802	399	354	49	3,764,885	3,838,322	1,545,025	44.03
haffee	193	98	92	3	601,100	1,049,830	418,358	18.43
heyenne	172	49	116	7	285,940	1,148,928	347,000	3.74
lear Creek	19	14	1	4	107,400	36,000	700	4.38
onejos	875	492	212	171	1,868,612	1,840,655	681,517	20.29
ostilla	334	167	71	96	510,287	447,156	166,787	9.48
rowley	167	71	88	8	359,574	830,935	358,797	14.70
uster	251	139	95	17	588,875	760,416	323,571	6.67
elta	1,022	525	441	56	2,677,740	2,989,340	1,175,491	27.34
enver	174	79	61	34	752,260	577,175	227,325	738.07
olores	118	90	16	12	176,010	35,120	15,225	3.14
ouglas	193	74	108	11	1,010,205	1,894,300	703,998	10.25
agle	247	131	99	17	1,018,816	1,124,360	446,155	12.61
lbert	419	172	238	9	1,338,704	2,504,852	848,322	5.71
l Paso	540	223	289	28	1,976,739	2,926,655	984,254	8.37
remont	799	445	316	38	1,883,325	1,624,910	560,236	12.98
arfield	612	282	275	55	1,675,370	2,772,865	1,103,589	15.96
ilpin	18	13	1	4	59,360	7,500	1,500	4.17
rand	129	64	48	17	574,210	571,450	182,850	6.02
unnison	290	132	141	17	913,100	1,865,440	882,660	11.45
insdale	31	16	14	1	105,100	128,775	30,450	4.18
uerfano	495	275	163	57	1,091,792	1,230,604	532,256	5.67
ackson	101	38	50	13	169,900	948,740	351,599	5.30
efferson	1,199	563	580	56	5,655,108	6,432,457	2,068,612	34.52
iowa	216	91	106	19	550,150	850,020	276,476	4.61
it Carson	382	135	228	19	881,180	1,680,320	604,222	6.05
ake	24	19	2	3	73,235	23,000	11,500	8.58
a Plata	609	328	221	60	1,371,860	1,382,853	575,190	10.17
arimer	906	350	499	57	4,012,095	6,784,055	2,699,697	25.47
as Animas	862	485	261	116	1,418,519	1,516,634	510,899	2.82
incoln	314	96	210	8	589,460	2,075,510	667,530	5.87
ogan	433	151	257	25	1,513,273	3,388,485	1,263,613	13.07
esa	1,766	889	812	65	4,760,021	5,867,049	1,985,743	19.42
ineral	31	19	2	10	206,250	55,000	17,100	6.90
offat	494	263	152	79	1,286,960	990,775	337,830	4.23
ontezuma	579	268	237	74	1,003,651	1,288,365	510,927	10.89
ontrose	639	316	292	31	1,555,052	2,043,530	890,147	15.00
organ	509	137	347	25	1,175,050	4,605,359	1,930,956	20.02
otero	538	217	261	60	1,420,430	2,484,945	1,056,632	16.95
uray	125	62	60	3	399,498	631,350	221,020	5.79
ark	229	146	56	27	650,605	792,604	298,163	6.28
hillips	153	45	92	16	475,580	1,245,580	549,545	15.99
itkin	135	68	52	15	538,810	585,035	279,620	13.47
owers	462	149	277	36	960,255	2,511,665	1,074,613	12.06
ueblo	720	302	360	58	1,765,710	2,757,992	1,057,131	16.34
io Blanco	287	117	142	28	784,226	1,820,965	715,751	6.93
io Grande	354	124	207	23	1,719,500	4,691,100	1,566,918	28.68
outt	490	204	239	47	1,084,391	1,887,283	720,057	8.55
aguache	278	144	104	30	1,062,970	1,681,420	599,507	11.44
an Juan	----	----	----	----	----------	----------	---------	----
an Miguel	147	94	42	11	376,519	286,840	117,310	5.68
edgwick	131	45	78	8	605,475	1,250,800	408,275	15.92
ummit	41	16	23	2	100,400	331,500	148,130	12.61
eller	147	87	56	4	270,015	371,546	135,037	4.23
ashington	395	128	223	44	828,949	1,531,676	606,248	5.54
eld	1,668	485	1,027	156	4,862,165	13,191,129	6,176,132	30.90
uma	626	250	357	19	2,101,950	3,191,560	1,232,763	6.61
State	26,929	12,001	12,665	2,263	$ 78,552,980	$127,162,862	$ 48,854,641	$12.44

JEWISH POPULATION

The Jewish population of Colorado in 1927, as reported by H. S. Linfield, director of the statistical department of the American Jewish committee, was 20,321, which compares with 14,565 in 1917, an increase of 5,756, or 28.3 per cent in 10 years. The Jewish population in 1927 was equal to 1.89 per cent of the estimated total population of the state and in 1917 was 1.47 per cent of the total. In 1927, the Jewish population of continental United States was 3.58 per cent of the estimated total population.

ALIENS AND CITIZENSHIP

There were 85,406 foreign-born white persons in Colorado in 1930. This was a decrease of 31,548, or 26.9 per cent, compared with 1920 and a decrease of 41,445, or 32.7 per cent, compared with 1910. In 1930 the foreign-born whites comprised 8.2 per cent of the state's total population, which compares with 12.4 per cent in 1920 and 15.9 per cent in 1910.

Of the 85,406 foreign-born white persons in Colorado in 1930, 82,760 were 21 years old or over and within the age limit which permits of citizenship. Of those of legal age, 56,735, or 68.6 per cent, were naturalized; 5,833, or 7 per cent, had taken out their first papers; 15,576, or 18.8 per cent, were aliens; and 4,616, or 5.7 per cent, citizenship unknown. The number of aliens decreased 12,566, or 44.7 per cent between 1920 and 1930; the number who had taken out their first papers decreased 3,418, or 36.9 per cent; and the number naturalized decreased 5,583, or 8.9 per cent.

The distribution of the foreign-born white population 21 years old or more as to citizenship in 1930, with comparisons for 1920, is as follows:

	1930	1920
Naturalized	56,735	62,318
First papers	5,833	9,251
Alien	15,576	28,142
Unknown	4,616	5,306
Total	82,760	105,017

Distribution as to the percentage of the different classes to the total population 21 years old or more is as follows:

	1930	1920
Naturalized	9.1	11.0
First papers	0.9	1.6
Alien	2.5	5.0
Unknown	0.7	0.9

STATE OF BIRTH OF COLORADO'S POPULATION

The population of Colorado is cosmopolitan in its makeup and literally belongs to the world. The 1,035,791 persons enumerated in the state in the census of 1930 includes persons born in every state of the Union, in the outlying possessions of the United States, at sea and in more than 30 foreign countries. The percentage of Colorado residents born in Colorado is increasing rapidly and the number of persons born in other states and migrating to Colorado far exceeds the number born in Colorado now residing elsewhere.

The distribution of Colorado's population in 1930 as to place of birth is as follows:

	Number	Per cent
Born in Colorado	419,563	40.5
Born in other states	512,764	49.5
Foreign-born	99,875	9.6
State not reported	2,106	0.2
American citizens born abroad	1,028	0.1
Born in outlying possessions of U. S.	435	0.1
Born at sea	20	.0
Total	1,035,791	100.0

The percentage distribution of the population as to place of birth for 1930, 1920, 1910 and 1900 is as follows:

Born in:	1930	1920	1910	1900
Colorado	40.5	33.8	29.2	28.1
Other states	49.5	52.4	53.8	54.0
Foreign	9.6	12.7	16.2	16.9
All other	0.4	1.1	0.8	1.0

Census returns as to the state of birth are valuable mainly for the light they throw upon the movement of the native population from one place to another within the United States. "Native population," as the term is ordinarily used by the census bureau, comprises all persons born in continental United States or any of the outlying possessions, and persons of native parentage born abroad or at sea and designated, respectively, as "American citizens born abroad," or "American citizens born at sea." Thus the term "native population" when used herein indicates merely that the persons were born in the United States.

The native population of the United States in 1930 included 670,879 persons born in Colorado. Of these, 419,563, or 62.5 per cent of the total, were living in Colorado and 251,316, or 37.5 per cent, were living in other states. The native population of Colorado in 1930, exclusive of a few who did not give

the state in which they were born, was 932,325, of whom 512,764, or 55 per cent, were born in other states and 419,563, or 45 per cent, were born in and residing in Colorado. The difference between those born in Colorado and living in other states and those born in other states and living in Colorado is 261,448, that number indicating the state's gain from other states by migration. Colorado's gain by migration from other states was 336,213 in 1920 and 340,446 in 1910.

The total native population of Colorado in 1930 was 935,433, of whom 934,433 were born in the United States and 1,483 were born in outlying possessions or American citizens born abroad or at sea.

The states, divisions and countries in which the population of Colorado, Denver and Pueblo was born are as follows:

	Colorado	Denver	Pueblo
Maine	1,299	574	61
New Hampshire	493	222	24
Vermont	1,009	428	59
Massachusetts	3,077	1,659	146
Rhode Island	354	188	15
Connecticut	1,134	600	37
Total, New England	7,366	3,671	342
New York	14,215	7,363	574
New Jersey	2,254	1,250	84
Pennsylvania	16,090	6,441	989
Total, Middle Atlantic	32,559	15,054	1,647
Ohio	20,544	7,882	1,017
Indiana	18,082	6,127	1,006
Illinois	46,940	16,276	2,217
Michigan	8,894	3,685	339
Wisconsin	10,153	3,806	390
Total, East North Central	104,613	37,776	4,969
Minnesota	6,907	2,518	262
Iowa	45,556	12,691	1,478
Missouri	65,769	16,456	3,814
North Dakota	1,547	490	30
South Dakota	3,775	1,212	102
Nebraska	47,702	12,139	797
Kansas	63,849	13,288	3,189
Total, West North Central	235,105	58,794	9,672
Delaware	226	117	8
Maryland	1,396	680	61
District of Columbia	419	256	17
Virginia	3,310	988	181
West Virginia	3,203	949	181
North Carolina	2,181	516	115
South Carolina	576	248	27
Georgia	2,393	830	165
Florida	642	276	34
Total, South Atlantic	14,346	4,860	789
Kentucky	10,681	3,387	655
Tennessee	7,068	2,150	518
Alabama	2,607	979	329
Mississippi	2,072	905	180
Total, East South Central	22,428	7,421	1,682
Arkansas	8,330	2,098	599
Louisiana	1,792	868	196
Oklahoma	18,201	2,931	1,083
Texas	16,525	4,990	1,015
Total, West South Central	44,848	10,887	2,893
Montana	2,194	801	67
Idaho	1,704	441	60
Wyoming	6,108	2,168	139
Colorado	419,563	103,233	19,746
New Mexico	27,596	4,047	1,070
Arizona	1,185	253	76
Utah	4,521	1,318	192
Nevada	398	134	28
Total, Mountain	463,269	112,395	21,378
Washington	1,847	614	56
Oregon	1,511	480	54
California	4,435	1,631	210
Total, Pacific	7,793	2,725	320
Not reported	2,106	881	169
Alaska	44	*	*
American Samoa	1	*	*
Guam	1	*	*
Hawaii	53	*	*
Panama Canal Zone	23	*	*
Philippine Islands	278	*	*
Puerto Rico	27	*	*
Virgin Islands	8	*	*
Total, outlying possessions of U. S.	435	158	24
Born at sea	20	*	*
Born abroad	1,028	*	*
Total, American citizens born at sea and abroad	1,048	382	57
Total native population	935,916	255,004	43,942

*Not segregated.

The foreign-born white population of Colorado, classified according to the country in which they were born, are as follows:

Country	Number	Per cent
England	6,891	8.1
Scotland	2,877	3.4
Wales	1,061	1.2
North Ireland	900	1.0
Irish Free State	3,184	3.7
Norway	1,261	1.5
Sweden	8,328	9.8
Denmark	2,374	2.8
Netherlands	810	0.9
Belgium	390	0.5
Switzerland	1,202	1.4
France	1,072	1.3
Germany	9,988	11.7
Poland	2,488	2.9
Czechoslovakia	1,714	2.0
Austria	2,468	2.9
Hungary	690	0.8
Jugoslavia	3,650	4.3
Russia	12,979	15.2
Lithuania	262	0.3
Finland	563	0.7
Rumania	450	0.5
Greece	1,230	1.4
Italy	10,670	12.5
Spain	210	0.2
Palestine and Syria	281	0.3
Canada—French	572	0.7
Canada—Other	5,244	6.1
Mexico	336	0.4
All other countries	1,261	1.5
Total	85,406	100.0

Persons Engaged in Gainful Occupations

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

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

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

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

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

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

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

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

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

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

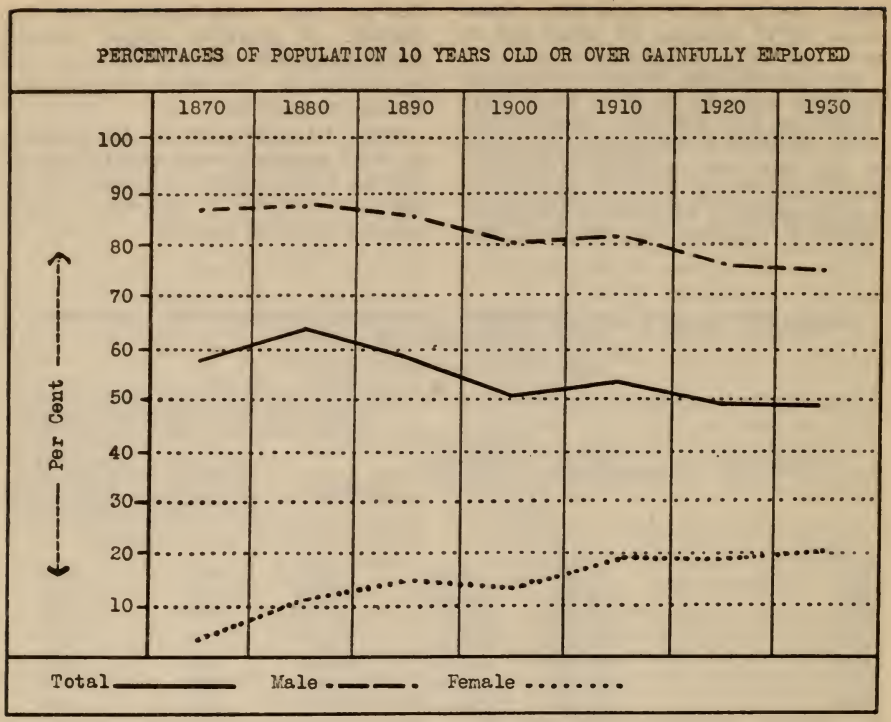
PERSONS GAINFULLY OCCUPIED, NUMBER, PROPORTION AND SEX, FOR COLORADO BY YEARS

(Compiled from Census Reports)

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

STATE SONG

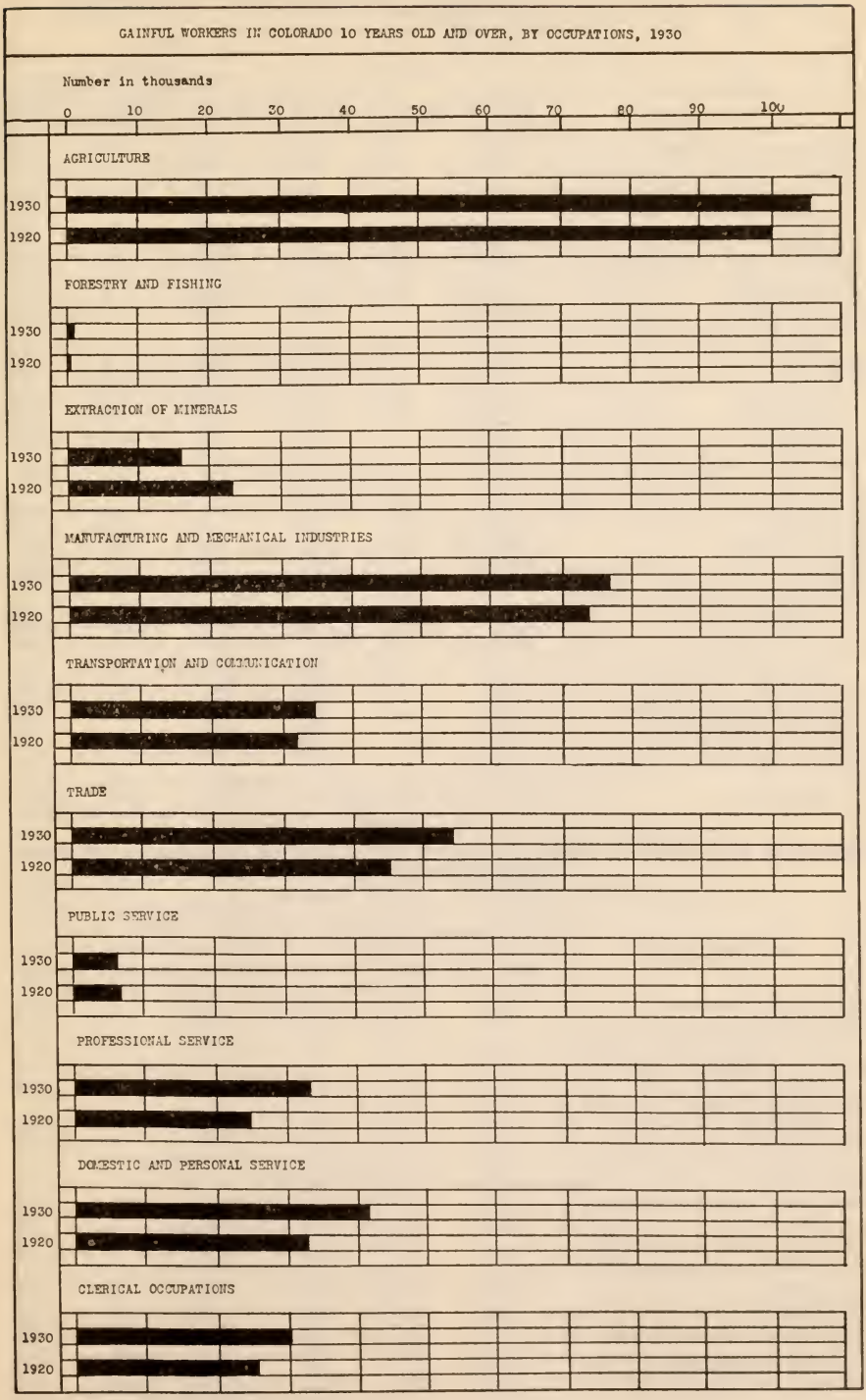
The twentieth general assembly of the Colorado legislature enacted a measure approved on May 8, 1915, by Gov. George A. Carlson, by which a song entitled "Where the Columbines Grow" was adopted as the official state song of Colorado to be used on all appropriate occasions. The words and music were written and composed by Dr. Arthur J. Fynn, a prominent educator identified for many years with the Denver public schools. Following the death of Dr. Fynn in 1931, Mrs. Rose C. Fynn, his widow, presented the copyright to the Daughters of Colorado, an organization of native-born Colorado women, which will use the proceeds of sales to erect markers on historic spots throughout the state. On July 10, 1931, the Columbine Day association dedicated a blue spruce tree on the state capitol ground in honor of Dr. Fynn.



GAINFUL WORKERS 10 YEARS OLD AND OVER, BY GENERAL DIVISIONS OF OCCUPATION, FOR DENVER, COLORADO SPRINGS, PUEBLO AND FOR THE STATE, 1930

(Compiled from Census Reports)

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


GAINFUL WORKERS IN COLORADO 10 YEARS OLD AND OVER, BY OCCUPATIONS, 1930
Number in thousands
0
10
20
30
40
50
60
70
80
90
100
AGRICULTURE
1930
1920
FORESTRY AND FISHING
1930
1920
EXTRACTION OF MINERALS
1930
1920
MANUFACTURING AND MECHANICAL INDUSTRIES
1930
1920
TRANSPORTATION AND COMMUNICATION
1930
1920
TRADE
1930
1920
PUBLIC SERVICE
1930
1920
PROFESSIONAL SERVICE
1930
1920
DOMESTIC AND PERSONAL SERVICE
1930
1920
CLERICAL OCCUPATIONS
1930
1920

PERSONS ENGAGED IN PROFESSIONAL SERVICES IN COLORADO AND DENVER, 1930

(Compiled from Census Reports)

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

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

(Compiled from Census Reports)

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

MOVEMENT OF POPULATION FROM AND TO FARM AND CITY

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

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

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

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

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

CHURCH POPULATION

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

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

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

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

An accompanying table gives a summary of items as reported by the census bureau for the two years. In this table the value of church edifices represents the value of the buildings together with the land on which they stand and all furniture, organs, bells and furnishings owned by the churches and actually used in connection with church services.

Under expenditures are included running expenses, improvements, the pastor's salary, payments on debt and money actually paid for new buildings. It also includes the amount expended for benevolences, home and foreign missions, for denominational support, and all other purposes.

The data shown for Sunday schools represent Sunday schools conducted by the churches of the different denominations and do not include undenominational or union Sunday schools. These data relate entirely to what is known as the Sunday school and do not cover parochial schools, week-day religious schools, or other schools which supplement or sometimes take the place of the Sunday school.

The report for 1916 included statistics for 69 denominations, 13 of which are not shown in the 1926 census. Some have joined other denominations and their statistics are included with them, others are out of existence, etc. There are 21 denominations shown in the 1926 census not reported in 1916. All of them are not new, however, as a number were created by divisions in denominations which were shown as units in 1916.

SUMMARY OF CHURCH STATISTICS FOR COLORADO

Item	1926	1916
Churches (local organizations)	1,688	1,455
Members	352,863	257,977
Male	140,868	97,650
Female	179,263	126,943
Sex not reported	32,732	33,384
Church edifices:		
Number	1,383	1,162
Value:		
Churches reporting	1,326	1,144
Amount reported	$22,713,155	$10,010,432
Debt:		
Churches reporting	448	386
Amount reported	$3,248,309	$1,166,917
Parsonages:		
Value:		
Churches reporting	706	510
Amount reported	$2,957,404	$1,289,528
Expenditures during year:		
Churches reporting	1,563	1,281
Amount reported	$5,837,497	$2,427,365
Sunday schools:		
Churches reporting	1,295	1,216
Officers and teachers	17,325	14,181
Pupils	163,692	139,406

INDIAN POPULATION

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

On April 1, 1933, including only those persons of Indian blood who through wardship, treaty or inheritance have acquired certain rights, the Indian population of the reservations consisted of 819, of which 416 were males and 403 were females, or less than one-half of one per cent of the Indian population of the United States. The population changes slightly and the figures for 1933 represent an increase of only 28 compared with the number on June 30, 1926. The census bureau defines an Indian as a person having Indian blood to such an extent as to be recognized in his community as an Indian. The Indian population of the state in 1930, as reported by the census under this definition, was 1,395, of which 843 were in La Plata and Montezuma counties, the others being scattered among 37 counties.

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

The total value of the Indian property as of June 30, 1927, was $3,247,917, of which $679,091 was individual property of the Indians and $2,568,826 was tribal property. Funds in bank or in the hands of superintendents for individuals totaled $155,091 and the tribal property included $868,826 in the treasury.

OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES, JANUARY 1, 1934

COUNTY	County General	County School	School District	Municipal		Total Municipal	County Total
				General	Special		
Adams	-------	------	$ 416,050	$ 419,300	$ 289,500	$ 708,800	$ 1,124,850
Alamosa	$ 37,350	------	311,100	197,000	187,800	384,800	733,250
Arapahoe	-------	------	564,600	197,000	689,000	886,000	1,450,600
Archuleta	-------	------	85,100	16,000	-------	16,000	101,100
Baca	17,000	------	246,550	127,000	82,600	209,600	473,150
Bent	66,400	$ 1,000	92,200	-------	82,250	82,250	241,850
Boulder	200,000	------	397,000	757,000	404,000	1,161,000	1,758,000
Chaffee	75,000	------	101,250	145,000	5,100	150,100	326,350
Cheyenne	-------	90,000	145,000	58,500	-------	58,500	293,500
Clear Creek	-------	------	1,000	38,000	-------	38,000	39,000
Conejos	6,600	------	243,030	119,500	5,400	124,900	374,530
Costilla	-------	------	143,000	-------	-------	-------	143,000
Crowley	-------	------	408,500	67,500	1,100	68,600	477,100
Custer	-------	19,000	7,000	-------	-------	-------	26,000
Delta	2,500	------	292,000	465,000	50,700	515,700	810,200
Denver	-------	------	9,144,000	23,780,600	8,750,600	32,531,200	41,675,200
Dolores	70,000	------	12,000	-------	-------	-------	82,000
Douglas	-------	------	28,000	56,000	25,600	81,600	109,600
Eagle	-------	------	24,500	43,500	-------	43,500	68,000
Elbert	-------	------	111,300	37,000	-------	37,000	148,300
El Paso	-------	------	1,455,000	3,060,000	233,300	3,293,300	4,748,300
Fremont	-------	------	556,800	659,000	285,600	944,600	1,501,400
Garfield	160,000	10,000	363,050	378,500	60,000	438,500	971,550
Gilpin	-------	------	-------	63,000	-------	63,000	63,000
Grand	-------	------	31,000	41,000	-------	41,000	72,000
Gunnison	108,000	136,000	233,000	138,600	26,500	165,100	642,100
Hinsdale	8,500	------	-------	10,500	-------	10,500	19,000
Huerfano	-------	28,500	64,600	365,000	313,500	678,500	771,600
Jackson	4,000	20,000	-------	26,500	-------	26,500	50,500
Jefferson	-------	------	450,900	298,000	260,700	558,700	1,009,600
Kiowa	-------	------	150,800	69,000	-------	69,000	219,800
Kit Carson	-------	------	325,100	281,500	79,800	361,300	686,400
Lake	-------	------	-------	26,000	-------	26,000	26,000
La Plata	40,000	------	204,000	518,700	148,700	667,400	911,400
Larimer	175,000	------	912,000	1,990,500	514,400	2,504,900	3,591,900
Las Animas	-------	------	358,300	1,184,800	670,500	1,855,300	2,213,600
Lincoln	85,000	------	224,100	69,500	24,100	93,600	402,700
Logan	5,000	49,000	501,700	812,000	256,000	1,068,000	1,623,700
Mesa	138,000	------	739,450	761,900	389,800	1,151,700	2,029,150
Mineral	-------	------	-------	8,000	-------	8,000	8,000
Moffat	78,800	------	69,300	41,000	-------	41,000	189,100
Montezuma	-------	------	103,300	97,500	41,000	138,500	241,800
Montrose	84,000	35,000	136,700	228,000	10,000	238,000	493,700
Morgan	-------	------	718,750	226,000	231,000	457,000	1,175,750
Otero	-------	------	544,300	902,600	55,600	958,200	1,502,500
Ouray	27,000	------	18,000	18,000	-------	18,000	63,000
Park	-------	------	16,500	-------	-------	-------	16,500
Phillips	22,000	32,500	187,000	217,000	68,500	285,500	527,000
Pitkin	78,000	------	-------	71,500	-------	71,500	149,500
Prowers	-------	------	432,300	771,800	216,000	987,800	1,420,100
Pueblo	-------	------	1,721,600	403,000	2,967,300	3,370,300	5,091,900
Rio Blanco	-------	75,000	40,200	140,500	-------	140,500	255,700
Rio Grande	-------	90,480	306,660	97,600	25,000	122,600	519,740
Routt	94,000	------	226,500	191,000	37,900	228,900	549,400
Saguache	-------	------	168,500	50,000	7,200	57,200	225,700
San Juan	30,000	------	36,000	-------	-------	-------	66,000
San Miguel	44,000	------	47,500	-------	-------	-------	91,500
Sedgwick	-------	207,000	227,400	180,000	13,000	193,000	627,400
Summit	-------	------	35,000	32,000	-------	32,000	67,000
Teller	-------	------	-------	132,900	-------	132,900	132,900
Washington	-------	------	188,400	129,900	32,500	162,400	350,800
Weld	-------	------	2,183,550	1,025,000	209,500	1,234,500	3,418,050
Yuma	-------	------	312,900	202,500	59,300	261,800	574,700
State	$1,656,150	$793,480	$27,063,340	$42,443,700	$17,810,350	$60,254,050	$89,767,020

NOTE—In addition to the above total, state bonds outstanding on January 1, 1934, totaled $5,428,200, compared with $7,200,200 on January 1, 1933, and $7,474,100 on January 1, 1932. There is also outstanding in the counties in the Moffat Tunnel District a total of $15,460,000. No consideration is given in these tables to sinking funds, which partially offset the amount outstanding in some instances. The total of $89,767,020 compares with $92,813,500 on January 1, 1933, and $94,584,500 on January 1, 1932.

The municipal bond totals include the following items requiring explanation: Cheyenne Wells, $21,500 assumed by the Inland Utilities Co.; Eads, $69,000 assumed by the Highlands Utilities Co.; Brush, $72,800 assumed by the Public Service Co.; also bonds payable from revenues only, as follows: Colorado Springs, $455,000 gas and electric; Loveland, $10,000 electric; Lamar, $90,000 electric, and Steamboat Springs, $22,000 waterworks.

Location and Altitudes of Colorado Mountains

Note.—The following gives the names, location and elevation of 337 mountains and peaks in Colorado which rise to an altitude of 10,000, or more feet above sea level. There are hundreds of peaks of lesser elevation and probably as many more of equal or greater altitude which have never been officially named. The list includes 256 peaks which rise to an elevation of more than 12,000 feet and 46 peaks with an altitude of 14,000, or more feet. All, with the exception of seven, are two miles higher than the water front in New York City.

Name	County	Elevation, Feet
Achonee Mountain	Grand	12,656
Adams Mountain	Grand	12,115
Aetna Mountain	Chaffee	13,800
Albion Mountain	Boulder	12,596
Alpine Peak	Clear Creek	14,525
Alps Mountain	Clear Creek	10,508
Anchor Mountain	Dolores	12,325
Andrews Peak	Grand	12,564
Antero, Mount	Chaffee	14,245
Apache Peak	Boulder-Grand	12,873
Apiatan Mountain	Grand	10,888
Arapahoe Peak	Boulder-Grand	13,506
Arkansas Mountain	Lake	13,797
Arrow Peak	San Juan	13,803
Arthur Mountain	El Paso	10,805
Audubon Mountain	Boulder	13,223
Augusta Mountain	Gunnison	12,615
Avery Peak	Gunnison	12,652
Axtel Mountain	Gunnison	12,013
Baker Mountain	Grand	12,406
Bald 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	12,376
Baxter Mountain	Costilla	10,629
Bear Mountain	San Juan	12,950
Beautiful Mountain	Mineral	12,746
Beckwith 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	12,400
Blackhawk Peak	Gilpin	10,323
Blackhawk Peak	Dolores	12,687
Blanca Peak	Costilla-Huerfano-Alamosa	14,390
Bowen Mountain	Grand	12,541
Bross Mountain	Park	14,163
Buck Mountain	Routt-Jackson	11,375
Buckeye Peak	Lake	12,863
Buckskin Mountain	Costilla	10,512
Buffalo Peak	Summit	13,541
Calico Peak	Dolores	12,035
Cameron Cone	El Paso	10,705
Cameron Mountain	Park	14,233
Capitol Mountain	Pitkin	13,997
Cascade 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	13,052
Chicago Peak	Huerfano-Costilla	10,960
Chief Mountain	Clear Creek	11,710
Chimney Peak	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	13,000
Colorado Mountain	Gilpin	10,884
Columbia Peak	Clear Creek	14,030
Comanche Peak	Boulder	13,491
Cone Mountain	Clear Creek	12,280
Conejos Peak	Conejos	13,180
Copper Mountain	Summit	12,475
Copper Mountain	Teller	10,226
Courthouse Mountain	Hinsdale-Ouray	12,165
Cover Mountain	Park	10,165
Coxcomb Peak	Hinsdale-Ouray	13,663
Craig Mountain	Grand	12,005
Crested Butte	Gunnison	12,172
Crestone Needle	Custer-Saguache	14,130
Crestone Peak	Saguache	14,233
Crystal Peak	Hinsdale	12,927
Culebra Peak	Costilla-Las Animas	14,069
Cumulus Mountain	Grand	12,724
Dakota Hill	Gilpin	10,930
Del Norte Peak	Rio Grande	12,378
Democrat Mountain	Park-Lake	14,000
Dickenson Mountain	Larimer	11,874
Double Top Mountain	Gunnison	12,192 12,178
Dump Mountain	Costilla	10,310
Dunraven Mountain	Larimer	12,548
Eagle Peak	Dolores	12,105
Echo Mountain	La Plata	13,305
Elbert Mountain*	Lake	14,402
Electric Peak	Grand	11,943
Elephant Mountain	Rio Grande	11,790
Elk Mountain	Mineral	11,030
Elk Mountain	Eagle-Summit	12,718
Elliott Mountain	Dolores	12,337
Emerson Mountain	La Plata	13,147
Emmons Mountain	Gunnison	12,414
Engineer Mountain	Hinsdale-Ouray-San Juan	13,190
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	Park-Lake	13,580
Evans Mountain	Clear Creek	14,260
Expectation Mountain	Dolores	12,071
Fairchild Mountain	Larimer	13,502
Fisher Mountain	Mineral	12,855
Fisher Mountain	Grand	12,280
Fletcher Mountain	Summit	13,917
Flora Mountain	Clear Creek-Grand	13,122
Florida Mountain	La Plata	13,076
Fox Mountain	Mineral	11,520
Freeman Peak	Jefferson	11,627
Garfield Mountain	El Paso	10,925
Garfield Mountain	San Juan	13,065
Garfield Peak	Gunnison	12,136
Gilpin Peak	Ouray-San Miguel	13,682
Glacier Peak	Summit	12,654
Gothic Mountain	Gunnison	12,646
Grant Peak	San Juan-San Miguel	13,692
Gray Head	San Miguel	10,994
Grayback Mountain	Costilla	10,575
Grayrock Peak	San Juan	12,488
Grays Peak	Clear Creek-Summit	14,274
Graystone Peak	San Juan	13,489
Greenhorn Mountain	Huerfano-Pueblo	12,334
Green Mountain	Jefferson	10,530
Greylock Mountain	La Plata	13,571
Grizzly Mountain	Pitkin-Chaffee	14,020
Grizzly Peak	La Plata	13,695
Grizzly Peak	Dolores-San Juan	13,738
Hague Peak	Larimer	13,562
Hale Mountain	Grand	11,747
Hallet Peak	Grand-Larimer	12,723

Name	County	Elevation, Feet
Handies Peak	Hinsdale	14,008
Harvard, Mount	Chaffee	14,375
Helmet Peak	Montezuma	11,976
Hermosa Mountain	Dolores-San Juan	12,574
Hesperus Peak	Montezuma	13,225
Holy Cross Mountain	Eagle	13,978
Homestake Peak	Eagle	13,217
Hope Mountain	Mineral	12,841
Horseshoe Mountain	Park-Lake	13,902
Howard Mountain	Grand	12,814
Humboldt Peak	Custer-Saguache	14,044
Hunchback Mountain	San Juan	13,133
Ida Mountain	Grand-Larimer	12,868
Irving Peak	La Plata	13,210
Jacque Mountain	Summit	13,235
Jacque Peak	Summit	13,205
Jugged Mountain	San Juan	13,829
James Peak	Clear Creek-Grand-Gilpin	13,260
Johnny Bull Mountain	Dolores	12,018
Jura Knob	San Juan	12,617
Kendall	San Juan	13,480
Kingston Peak	Clear Creek-Gilpin	12,137
Kit Carson Peak	Saguache-Custer	14,100
Klondike Mountain	Boulder	10,802
La Garita	Mineral-Saguache	13,725
La Plata Peak	Chaffee	14,332
Lead Mountain	Grand	12,532
Leviathan Peak	San Juan	13,528
Lillie	Larimer	11,384
Lincoln Mountain	Park	14,287
Lizard Head	Dolores-San Miguel	13,156
London Mountain	Park	13,161
Lone Cone	San Miguel-Dolores	12,761
Lonesome Peak	Grand	10,588
Longs Peak	Boulder	14,255
Lookout Mountain	Grand	10,155
Lookout Mountain	Larimer	10,633
Lookout Peak	San Juan-San Miguel	13,674
Lulu Mountain	Grand	11,720
McCauley Peak	La Plata	13,551
McGregor Mountain	Larimer	10,482
Madden Peak	Montezuma-La Plata	11,980
Mahana Peak	Boulder	12,629
Marcellina Mountain	Gunnison	11,349
Maroon Peak	Pitkin	14,126
Martha Washington Mtn.	Larimer	13,269
Massive, Mount*	Lake	14,402
Matterhorn Peak	Hinsdale	13,589
McClellan, Mount	Clear Creek-Summit	13,423
Meaden Mountain	Routt	
Meadow Mountain	Boulder	11,634
Meeker Mountain	Boulder	13,911
Metroz Mountain	Mineral	11,900
Mineral Hill	Summit	10,885
Mineral Point	Gunnison	12,541
Missouri Hill	Chaffee	12,700
Monitor Peak	La Plata	13,703
Monument Hill	La Plata	10,830
Monument Peak	Mineral	10,641
Mosquito Peak	Park-Lake	13,784
Mummy Mountain	Larimer	13,413
Naki Peak	Grand	12,221
Navajo Peak	Boulder-Grand	13,406
Nebo Mountain	San Juan	13,192
Nebraska Hill	Gilpin	11,548
Nigger Hill	Summit	10,171
Nimbus Mountain	Grand	12,730
Nipple Mountain	Fremont	10,068
North Italian Mtn.	Gunnison	13,225
North Maroon	Pitkin	14,000
Ohio Peak	Gunnison	12,251
Old Baldy	Costilla-Huerfano	14,176

Name	County	Elevation, Feet
Old Baldy Mountain	Rio Grande	12,602
Oregon Hill	Gilpin	10,884
Orton Mountain	Boulder	11,662
Oso Mountain	La Plata	13,706
Otis Peak	Grand-Larimer	12,478
Ouray, Mount	Chaffee	13,956
Overlook Point	La Plata	12,995
Owen Mountain	Gunnison	13,102
Park Mountain	Costilla	10,396
Parrot Peak	La Plata	11,876
Parry Peak	Clear Creek-Grand	13,345
Pearl Mountain	Gunnison	13,484
Peeler Peak	Gunnison	12,219
Pigeon Peak	La Plata	13,961
Pikes Peak	El Paso	14,109
Pilot Knob	San Juan-San Miguel	13,750
Pisgah Mountain	Clear Creek-Gilpin	10,085
Pole Creek Mountain	Hinsdale	13,740
Pool Table Mountain	Mineral	12,142
Porphyry Peaks	Grand	11,155 / 11,355
Potato Hill	San Juan	11,876
Potosi Peak	Ouray	13,763
Princeton, Mount	Chaffee	14,196
Prospect Mountain	Lake	12,608
Ptarmigan Hill	Eagle	12,174
Ptarmigan Peak	Park-Lake	13,736
Purple Peak	Gunnison	12,989
Pyramid Peak	Pitkin	14,000
Quandary Peak	Summit	14,256
Red Cloud Peak	Hinsdale	14,050
Red Hill	La Plata	10,670
Red Mountain	Grand	11,505
Republican Mountain	Clear Creek	12,393
Rhyolite Mountain	Teller	10,771
Richmond Mountain	Gunnison	12,543
Richtofen Mountain	Grand	12,953
Rio Grande Pyramid	Hinsdale	13,830
Rolling Mountain	San Juan	13,694
Rosalie Peak	Park	13,575
Rosa Mountain	Teller	11,495
Ruby Peak	Gunnison	12,749
Rudolph Hill	Gunnison	10,130
Saddle 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	Teller	10,490
San Luis Mountain	Saguache	14,149
Satanta Peak	Grand	11,885
Sawtooth Mountain	Mineral	12,590
Sawtooth Mountain	Boulder-Grand	12,304
Saxon Mountain	Clear Creek	11,535
Schuylkill Mountain	Gunnison	12,188
Shavano Peak	Chaffee	14,239
Sheep Mountain	Gunnison	13,180
Sheep Mountain	Mineral	12,374
Sheep Mountain	Eagle-Summit	12,380
Sheep Mountain, North	Eagle-Summit	12,429
Sheridan Mountain	La Plata	12,786
Sherman Mountain	Park	14,037
Shoshone Peak	Boulder	13,579
Silex Mountain	San Juan	13,627
Silverheels Mountain	Park	13,825
Sioux Mountain	Boulder-Grand	13,310
Sneffels, Mount	Ouray	14,158
Snowdon Peak	San Juan	13,070
Snowmass Mountain	Pitkin-Gunnison	13,970
Sopris, Mount	Pitkin	12,823
Spanish Peak, West	Huerfano-Las Animas	13,623
Spanish Peak, East	Huerfano-Las Animas	12,708
Specimen Mountain	Grand-Larimer	12,482
Star Peak	Gunnison	13,562
Stearns Mountain	Huerfano-Costilla	11,409
Stewart Peak	Saguache	14,032
Stoll Mountain	Park	10,915

Name	County	Elevation, Feet
Stones Peak	Larimer	12,928
Stony Mountain	Ouray	12,677
Storm King Peak	San Juan	13,742
Storm Peak	Larimer	13,336
Storm Ridge	Gunnison	11,859
Stormy Peak	Park	11,748
Sugarloaf	Eagle-Summit	12,556
Sugarloaf Peak	Clear Creek	12,513
Sugarloaf Rock	Hinsdale	10,831
Sultan Mountain	San Juan	13,336
Summit Peak	Archuleta	13,272
Sunlight Peak	La Plata	14,084
Sunshine Mountain	San Miguel	12,945
Sunshine Peak	Hinsdale	14,018
Tanima Peak	Boulder-Grand	12,417
Tarryall Peak	Park	11,300
Taylor Mountain	Chaffee	13,600
Taylor Peak	Gunnison	13,419
Taylor Peak	Grand-Larimer	13,150
Telescope Mountain	Dolores	12,210
Teocalli Mountain	Gunnison	13,220
Terra Tomah Peak	Larimer	12,686
The Guardian	San Juan	13,617
Tilton Mountain	Gunnison	12,633
Torrey Peak	Clear Creek-Summit	14,264
Trachyte Mountain	Teller	10,863
Trinchera Mountain	Costilla-Huerfano	13,546
Trinity Peak	San Juan	13,752 / 13,804 / 13,745
Turret Peak	La Plata	13,819
Twilight Peak	San Juan	13,153
Twin Sisters	Larimer	11,435
Twin Sisters	San Juan	13,438
Uncompahgre Peak	Hinsdale	14,306
Union Mountain	Summit	12,336
Vermillion Peak	San Juan-San Miguel	13,870
Vestal Peak	San Juan	13,846
Vigil Peak	El Paso	10,075
Wasatch Mountain	San Miguel	13,551
West Needle Mountain	San Juan	13,050
Wetterhorn Peak	Hinsdale-Ouray	14,020
Wheatstone Mountain	Gunnison	12,543
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	Altitude
Arapahoe	Gilpin	11,165
Antero Res.	Park	8,934
Adams Res.	Adams	----
Adobe Creek Res.	Bent-Kiowa	4,150
Bradford	Huerfano	5,850
Black Hollow Res.	Weld	5,065
Bee	Larimer	5,175
Bolles	Boulder	5,040
Boedecker	Larimer	5,075
Bison Res.	Teller	10,400
Blue	Conejos	11,937
Burch's	Boulder	5,145
Beasley Res.	Boulder	5,195
Boulder	Boulder	5,228
Boyd Lakes	Larimer	4,960
Bent County Res.	Bent	4,300
Barr	Adams	----
Badger Res.	Morgan	----
Big Creek Lakes	Jackson	9,010
Boettcher	Jackson	8,160
Breman	Gunnison	10,325
Balsam	San Juan	11,435
Big Nile	Adams	----
Clear	Clear Creek	9,870
Chicago	Clear Creek	11,350
Crater	Jefferson	8,877
Chinn	Clear Creek	11,020
Chasm	Boulder	11,800
Caroline	Clear Creek	11,853
Castlewood Res.	Douglas	6,475
Calkins	Weld	4,975
Curtis	Larimer	5,080
Cheesman	Jefferson	6,856
Clear Lake	San Juan	11,875
Devils	Hinsdale	11,968
Duck	Clear Creek	11,070
Diamond	Boulder	10,960
Dorothy	Boulder	12,050
Douglas	Larimer	5,200
Demmel	Larimer	5,250
Dead	Teller	10,900
Dye Res.	Otero	4,150
Echo	Clear Creek	10,605
Emerald	Hinsdale	10,020
Eldora	Boulder	9,245
Edith	Clear Creek	10,117
Eileen	La Plata	8,924
Erdman	Pueblo	4,610
Empire Res.	Morgan-Weld	----
Fossil Creek Res.	Larimer	4,890
Fountain Valley Res.	El Paso	5,800
Grand	Grand	8,369
Gold	Boulder	8,600
Gerard Res.	Prowers	4,050
George	Park	6,915
Hoffman	Boulder	5,120
Hazel	San Juan	11,420
Hazel	La Plata	12,420
Head	Alamosa	7,527
Hermit Lakes	Hinsdale	9,975
Horse Creek Res.	Bent-Otero	4,950
Hungerford	Pueblo	4,520
Huerfano	Pueblo	4,725
Hayden Res.	Pueblo	----
Ice	Clear Creek	12,188
Ignacio Res.	La Plata	8,375
Isabelle	Boulder	10,852
Irish	Larimer-Boulder	5,090
Jasper	Boulder	10,733
Julesburg Res.	Sedgwick-Logan	----
Jackson	Morgan	----
Jim Crowe Res.	Weld	----
King Res.	Kiowa-Prowers	3,860
Lost	Boulder	9,980
Lower Crater	Gilpin	10,580
Los Lagos	Boulder-Gilpin	8,930

Name	County	Altitude
Loch Lomond	Clear Creek	11,140
Lena	Routt	9,980
Lorland	Larimer	5,022
Loch Ivanho	Pitkin	10,930
Long	Boulder	10,499
Marvine	Rio Blanco	10,500
McIntosh	Boulder	5,060
Moraine	El Paso	10,215
Monarch	Grand	8,340
Mills	Larimer	11,496
Maroon	Pitkin	9,700
Molas	San Juan	10,488
Margareta	Routt	10,450
Milton	Weld	----
Middle Plum Res.	Prowers	4,100
Meredith	Crowley	4,308
Minnequa	Pueblo	4,740
Naylor	Clear Creek	11,348
New Windsor Res.	Weld	4,920
North Plum Res.	Prowers	4,100
North Butte Res.	Prowers	4,200
Nee Noshee Res. No. 3	Kiowa	3,870
Nee Sopa Res. No. 5	Kiowa	3,860
Nee Gronda Res. No. 4	Kiowa	3,840
Nee Skah Res.	Kiowa	3,885
Owens	Boulder	5,220
Otanawanda	Ouray	8,900
Palmer	Douglas	9,210
Peterson	Boulder	9,245
Point of Rocks Res.	Logan	3,800
Price Res.	Prowers	3,850
Prewitt Res.	Logan	3,900
Pisgah	Gilpin	9,656
Powderhorn	Hinsdale	11,830
Res. No. 2	El Paso	11,270
Res. No. 4	Teller	10,900
Res. No. 5	Teller	10,900
Res. No. 7	El Paso	12,080
Res. No. 8	El Paso-Teller	11,675
Riverside Res.	Weld	----
Res. No. 1, No. 2	Kiowa	3,770
Res. No. 4	Kiowa	4,025
Res. No. 1	Otero	4,750
Res. No. 4	Otero	4,750
Res. No. 5	Otero	4,750
Shaw	Mineral	9,830
Spruce Lakes	Mineral	11,263
Silver	San Juan	11,675
Seeley	Weld	4,175
San Cristobal	Hinsdale	8,997
Santa Maria	Mineral	9,475
San Luis	Alamosa	7,525
Strawberry	Grand	8,340
Summit	Clear Creek	12,740
Slater	Clear Creek	11,385
Silver	Boulder	10,190
Swedes	Boulder	5,095
Snowden	Otero	4,820
Seven Lakes	Teller	10,900
Sanchez Res.	Costilla	8,500
Stanley Res.	Jefferson	----
Twin Lakes	Lake	9,012
Trappers	Rio Blanco	10,500
Trout	San Miguel	9,750
Terry	Larimer	5,095
Timnath	Weld	4,900
Two Buttes Res.	Baca-Prowers	4,230
Turkey Creek Res.	Pueblo	5,580
Thatcher	Pueblo-El Paso	5,395
Upper Crater	Gilpin	10,997
Upper Nile	Adams	----
Wellington	Jefferson	9,863
Warren	Larimer	4,985
Woods	Weld	4,860
Woods	Eagle	9,405
Webster Park Res.	Fremont	5,950
Williams-McCreery	Morgan	----

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

Colorado's Mountain Passes

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

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

The passes are, therefore, at considerable elevations and are confined generally to the more formidable mountain ranges which comprise the vast mountain empire of Colorado. Passes are identified by having a lower elevation than the crests of the ranges with which they are associated,

and represent the easiest or most feasible ways over mountain ranges. Very important in this connection is the character of the valley approaches to the mountain depression from either side. Low elevations in the mountains may be of little or no service for routes if the gradient of the mountain slopes defies the economical construction of road-beds up to them. It is for this reason that the passes of Colorado are found at the headwaters of tributary streams, whose valleys provided reasonably easy gradients to the summit.

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

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

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

The 1930 edition of the Year Book contains the list of passes classified as to mountain ranges and as to Continental Divide passes.

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

DOTSERO CUT-OFF

The Dotsero cut-off is the name commonly given to a main line railroad track in Eagle county which connects the Denver & Rio Grande Western and Denver & Salt Lake railroads. Construction began on the line on November 10, 1932, and ceremonies formally marking its completion took place on June 16, 1934. It was built by the Denver & Rio Grande Western at a cost of $3,850,000 out of a loan to that company by the federal reconstruction finance corporation. Prior to the building of the line a trackage agreement was made whereby Denver & Rio Grande Western trains operating over the cut-off could use the Denver & Salt Lake line between Utah Junction and the connection at Orestod. The cut-off was made possible by the construction of the Moffat tunnel, through which the new service operates.

The line is 38.1 miles long and is supplemented by 12 miles of side tracks. It has two concrete-lined tunnels, crosses the Colorado river nine times and the Eagle river once. The line creates a new transcontinental route through Denver. Traffic out of Denver, where connections are made with three eastern lines, saves 173 miles in distance and eight hours in time through the elimination of a 119-mile haul south to Pueblo or a 110-mile haul north to Cheyenne before it turns westward. This saving applies to all traffic originating east of Denver or west of Dotsero.

ALTITUDE AND LOCATION OF MOUNTAIN PASSES

(Compiled by Dr. Ralph H. Brown, University of Minnesota)

Name of Pass	Counties	Name of Range	Elevation in Feet	Earliest Known Use	Character of Present Use
Altman or Alpine Tunnel	Chaffee-Gunnison	Sawatch Mountains	11,606	1888	Abandoned Railroad Tunnel
Antelope	Gilpin	Front	8,050	1900	Railroad
Anthracite	Gunnison	Elk-West Elk	9,100*	1916	Trail
Arapahoe	Jackson-Grand	Park-Rabbit Ears	----	1870	Trail
Arapahoe	Boulder-Grand	Front	11,905	1900	Trail
Argentine	Clear Creek-Summit	Front	13,132	1872	Trail
Avalanche	Pitkin	Elk-West Elk	10,000*	1926	Trail
Baker	Jackson-Grand	Park-Rabbit Ears	11,300*	1905	Trail
Baxter	Garfield	----	9,500*	----	Trail
Beckwith	Gunnison	Elk-West Elk	9,890	1900	Trail
Berthoud	Clear Creek-Grand	Front	11,315	1861	Highway
Big Horn	Mineral	San Juan Group	12,000*	----	Trail
Blue Lake	Ouray	San Juan Group	11,000*	1917	Trail
Bonita	Rio Grande-Mineral	San Juan Group	12,000*	----	Trail
Boreas	Park-Summit	Front	11,489	1888	Railroad and Abandoned Road
Bottle	Grand	Front	9,800*	1880	Trail
Buchanan	Boulder-Grand	Front	12,304	1902	Trail
Buffalo	Routt-Jackson	Park-Rabbit Ears	10,180	1865	Trail
Buffalo	Park-Lake	Park-Mosquito	11,500*	1870	Trail
Cameron	Larimer-Jackson	Medicine Bow	10,285	1878	Highway
Cebolla	Hinsdale	San Juan Group	10,934	----	Trail
Cinnamon	Hinsdale-San Juan	San Juan Group	12,300	1878	Abandoned Road
Cochetopa (South)	Saguache	Cochetopa Hills	10,032	1820	Highway
Cochetopa (North)	Saguache	Cochetopa Hills	10,000*	1880	Trail
Columbine	La Plata	San Juan Group	12,600*	1902	Trail
Columbine	Montrose	----	8,500*	----	Trail
Comanche	Custer-Saguache	Sangre de Cristo-Culebra	10,500*	----	Trail
Cottonwood	Chaffee-Gunnison	Sawatch Mountains	12,000*	1887	Trail
Cucharas	Las Animas-Huerfano	Sangre de Cristo-Culebra	8,500*	1877	Road
Cumbres	Conejos	San Juan Group	10,003	1881	Highway
Curecanti	Gunnison	Elk-West Elk	10,000*	----	Trail
Currant Creek	Park	----	8,000*	1877	Road
Daisy	Gunnison	Elk-West Elk	11,200*	1910	Trail
Devil's Thumb	Boulder-Grand	Front	11,900	----	Trail
Eagle	La Plata	San Juan Group	10,750	1900	Trail
East Maroon	Gunnison-Pitkin	Elk-West Elk	12,200*	----	Trail
East River	Gunnison	Elk-West Elk	11,163	1880	Road
Elwood	Rio Grande	San Juan Group	12,000*	----	Trail
Fall River	Larimer	Front	11,797	----	Highway
Fawn Creek	Grand	Front	9,430	----	Railroad
Fremont	Lake-Summit	Front	11,320	1888	R. R. and Highway
Georgia	Park-Summit	Front	11,476	1860	Abandoned Road
Gore	Grand	Park-Rabbit Ears	9,000*	----	Highway
Gunshot	Grand	Park-Rabbit Ears	9,500*	----	Trail
Hagerman	Lake-Pitkin	Sawatch Mountains	11,495	1878	Highway in old R. R. Tunnel
Halfmoon	Saguache	Cochetopa Hills	12,712	----	Trail
Hancock	Chaffee-Gunnison	Sawatch Mountains	12,263	1888	Trail
Hayden	Fremont-Saguache	Sangre de Cristo-Culebra	10,780	1878	Trail
Hoosier	Park-Summit	Park-Rabbit Ears	11,542	1860	Highway
Hunchback	San Juan	San Juan Group	12,487	1880	Trail
Illinois	Jackson-Grand	Park-Rabbit Ears	10,000*	----	Trail
Imogene	Ouray-San Miguel	San Juan Group	13,116	----	Trail
Independence	Lake-Pitkin	Sawatch Mountains	12,095	1879	Highway
Indian Camp	Garfield	----	9,000*	----	Trail
Jones	Clear Creek-Grand	Front	12,453	1860	Trail
Kebler	Gunnison	Elk-West Elk	10,000*	----	Road
Lake Creek	Chaffee-Gunnison	Sawatch Mountains	12,226	1872	Trail
La Manga	Conejos	San Juan Group	10,000*	----	Highway
La Poudre	Grand-Larimer	Front	10,193	1900	Trail and Irrigation Ditch
La Veta	Costilla	Sangre de Cristo-Culebra	9,378	1877	Highway
Lizard Head	Dolores-San Miguel	San Juan Group	10,000*	----	R. R. and Highway
Los Pinos	Saguache	Cochetopa Hills	10,500*	----	Highway
Lou Creek	Gunnison-Ouray	San Juan Group	11,260	1912	Trail
Loveland	Clear Creek-Summit	Front	11,992	1888	Projected Highway
Lulu	Jackson-Grand	Park-Rabbit Ears	11,400*	1905	Trail
Manzanares Creek	Huerfano-Costilla	Sangre de Cristo-Culebra	9,000*	1880	Trail North Side / Road South Side
Marcellina	Gunnison	Elk-West Elk	10,400*	----	Road
Marshall	Saguache	Sawatch Mountains	10,950	1877	Railroad

* Approximate elevation in feet.

ALTITUDE AND LOCATION OF MOUNTAIN PASSES—Continued

Name of Pass	Counties	Name of Range	Elevation in Feet	Earliest Known Use	Character of Present Use
McClure	Gunnison-Pitkin	Elk	9,500*	----	Trail
Meadows	Rio Grande	San Juan Group	10,300	----	Trail
Medano	Huerfano-Saguache	Sangre de Cristo-Culebra	10,150	1850	Trail
Milner	Grand-Larimer	Front	10,759	1900	Highway
Minnesota	Gunnison	Elk-West Elk	10,000*	----	Trail
Molas Lake	San Juan	San Juan Group	10,000*	----	Highway
Monarch	Chaffee-Gunnison	Sawatch Mountains	11,650	1880	Highway
Monument	Gunnison	San Juan Group	11,000*	----	Trail
Mosca	Huerfano-Saguache	Sangre de Cristo-Culebra	9,713	1850	Road East Side; Trail West Side
Mosquito	Park-Lake	Park-Mosquito	13,188	1875	Abandoned Road
Muddy	Jackson-Grand	Park-Rabbit Ears	8,772	1875	Highway
Mummy	Larimer	Front	11,700*	----	Trail
Music	Huerfano-Saguache	Sangre de Cristo-Culebra	11,800	1878	Trail
North Cochetopa	Saguache	Cochetopa Hills	10,000*	1880	Trail
Ohio	Gunnison	Elk-West Elk	10,033	1900	Trail
Ophir	San Juan-San Miguel	San Juan Group	11,350	1888	Trail
Owl Creek	Gunnison-Ouray	San Juan Group	11,120	1919	Trail
Pass Creek	Huerfano	Sangre de Cristo-Culebra	9,200*	1850	Road
Pearl	Gunnison-Pitkin	Elk-West Elk	12,715*	1890	Trail
Poncha	Chaffee-Saguache	Sangre de Cristo-Culebra	8,945	Before 1800	Highway
Ptarmigan	Grand	Park-Rabbit Ears	11,000*	----	Trail
Rabbit Ears	Jackson-Routt-Grand	Park-Rabbit Ears	9,680	1895	Highway
Railroad	Mineral	San Juan Group	12,000*	----	Trail
Raton	Las Animas	----------	8,560	1846	Highway and R. R.
Red Mountain	Ouray-San Juan	San Juan Group	11,018	1881	Highway
Rogers	Gilpin-Grand	Front	11,900*	1902	Trail
Rollins	Boulder-Grand	Front	11,680	1860	Trail and Railroad
Sand Creek	Larimer	Medicine Bow	9,000*	----	Passable Road
San Francisco	Las Animas	----------	8,600*	----	Trail
San Francisco	Las Animas	Sangre de Cristo-Culebra	8,560	----	Trail
Sangre de Cristo	Costilla	Sangre de Cristo-Culebra	9,459	Before 1800	Abandoned Road
Schofield	Gunnison	Elk-West Elk	10,000*	1885	Road
Scotch Creek	Dolores-San Miguel	San Juan Group	10,500*	----	Abandoned Road
Silver	Mineral	San Juan Group	12,000*	----	Trail
Skull Creek	Moffat	----------	8,700*	----	Road
Spring Creek	Hinsdale	San Juan Group	11,025	1878	Road
Squaw	Clear Creek	Front	9,807	----	Highway
Stillwater	Grand	Park-Rabbit Ears	10,000*	----	Trail
St. Louis	Grand	Front	11,500*	----	Trail
Stony	San Juan	San Juan Group	12,594	1878	Trail
Summit	Rio Grande	San Juan Group	12,000*	----	Trail
Swampy	Gunnison	Elk-West Elk	10,365	1900	Trail
Tarryall	Park	Front	12,456	----	Road
Taylor	Gunnison	Elk-West Elk	12,500*	----	Trail
Taylor	Gunnison-Pitkin	Elk-West Elk	12,400*	1882	Trail
Tennessee	Lake-Eagle	Front	10,424	1873	R. R. and Highway
Tincup	Chaffee-Gunnison	Sawatch Mountains	12,000*	1880	Trail
Trimble	La Plata	San Juan Group	13,076	1902	Trail
Troublesome	Jackson-Grand	Park-Rabbit Ears	10,000*	----	Trail
Trout Creek	Park-Chaffee	Park-Mosquito	9,346	1875	Highway
Twin Creek	Teller	----------	8,200*	----	Road
Ute	Teller	----------	7,600	Before 1800	Road
Ute	Routt-Jackson	Park-Rabbit Ears	11,100*	1875	Trail
Ute	Grand	Front	9,800*	1880	Trail
Ute	Larimer-Jackson	Medicine Bow	10,500*	1878	Trail
Vasquez	Clear Creek-Grand	Front	11,850*	1862	Trail
Venable	Custer-Saguache	Sangre de Cristo-Culebra	10,500*	----	Trail
Veta	Costilla	Sangre de Cristo-Culebra	9,100*	1880	Railroad
Victor	Teller	----------	10,202	----	Railroad
Warmspring	Park	Park-Mosquito	-----	1910	Trail
Webster	Park-Summit	Front	12,102	1900	Trail
Weminuche	Hinsdale	San Juan Group	10,622	----	Trail
West Maroon	Gunnison-Pitkin	Elk-West Elk	12,400*	----	Trail
Weston	Park-Lake	Park-Mosquito	12,109	1875	Abandoned Road
Willow Creek	Jackson-Grand	Park-Rabbit Ears	9,683	1878	Highway
Wolf Creek	Mineral-Archuleta	San Juan Group	10,850	1888	Highway
Yellowjacket	La Plata	----------	8,000*	1915	Trail
Yellowjacket	Rio Blanco	----------	7,400*	1877	Road
Yellowjacket	Routt	----------	7,500*	----	Road

* Approximate elevation in feet.

MOUNTAIN PASS HIGHWAYS

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

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

Pass	County	Elevation
Independence	Lake, Pitkin	12,095
Fall River	Larimer	11,797
Monarch	Chaffee, Gunnison	11,650
Hoosier	Park, Summit	11,542
Hagerman	Lake, Pitkin	11,495
Fremont	Lake, Summit	11,320
Berthoud	Clear Creek, Grand	11,315
Red Mountain	Ouray, San Juan	11,018
Wolf Creek	Mineral, Archuleta	10,850
Milner	Grand, Larimer	10,759
Los Pinos	Saguache	10,500
Tennessee	Lake, Eagle	10,424
Cameron	Larimer, Jackson	10,285
Cochetopa	Saguache	10,032
Cumbres	Conejos	10,003
La Manga	Conejos	10,000
Molas Lake	San Juan	10,000
Lizard Head	Dolores, San Miguel	10,000
Squaw	Clear Creek	9,807
Willow Creek	Jackson, Grand	9,683
Rabbit Ears	Jackson, Routt, Grand	9,680
La Veta	Costilla	9,378
Trout Creek	Park, Chaffee	9,346
Gore	Grand	9,000
Poncha	Chaffee, Saguache	8,945
Muddy	Jackson, Grand	8,772
Raton	Las Animas	8,560

TRAIL RIDGE ROAD

The Trail Ridge Road, acclaimed as one of the outstanding mountain highways of the world, was completed in the fall of 1932 as a part of the highway between Estes park, in the Rocky Mountain national park, and Grand Lake, in Grand county. The new stretch of road, which required the grading of 30 miles of the route, starts at Deer Ridge, in the national park, rises to an elevation of 12,185 feet as it crosses the Continental divide, descends to Fall River pass, elevation 11,797 feet, and continues over Milner pass, elevation 10,759 feet, to Grand Lake, which lies 8,369 feet above the level of the sea.

The road was constructed by the United States bureau of public roads for the national park service at a cost of $1,250,000. It is of the standard type adopted by the government, being 24 feet from shoulder to shoulder, and surfaced with gravel and topped with an oil coating. The marvelous scenic beauty of the road is attained through its great altitude. For four miles it is located more than 12,000 feet above sea level, and another stretch of 11 miles is above the 11,000-foot elevation. The road climbs to the crest of the mountain range and affords views of peaks, valleys, lakes and rivers of unsurpassed beauty.

Homestead Lands

THE United States government had 7,545,773 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1933, subject to entry under homestead and other public land laws. Of that area, 6,664,153 acres was surveyed and 881,620 acres unsurveyed. The total area of unreserved public land was 481,695 acres smaller than on the same date in 1930, and 673,102 acres less than in 1929, the decreases being due to increases in the area embraced in original entries during the fiscal years and a smaller number of cancellations through relinquishments and expiration of the statutory periods. The increase in areas appropriated is not confined to Colorado, nor to any particular section of the country and to no one law, but has been general throughout the public land states since 1926.

Exclusive of this vacant land, there was 2,035,000 acres upon which entries had been made, but upon which final proof of compliance with the law had not been presented. Such of these entries as may from time to time be cancelled for failure to submit final proof or for failure to comply with the

law will be open to entry by the first qualified applicant, if not withdrawn or reserved, but until there is a forfeiture of the land upon which final proof has not been made, it is not subject to entry by any other than the pending applicant.

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

There are several classes of entries by which public lands may be taken, but those most generally used are the ordinary 160-acre agricultural homestead entry; the enlarged homestead entry; the desert land entry; the stock-growing, or 640-acre entry, and timber and stone entries. These various classes of public land filings are described in detail in a series of pamphlets published by the Interior Department under direction of the General Land Office, and can be secured from the register of the nearest public land office. The pamphlet most frequently used by those in search of public lands is known as Circular No. 541, entitled "Suggestions to Homesteaders and Persons Desiring to Make Homestead Entries."

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

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

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

Entries upon the public domain have been decreasing generally in recent years, due to the prior acquisition of the more desirable tracts by settlers. Public and Indian lands entered in the fiscal years ending June 30, for the past ten years, in acres, were as follows:

1922	1,258,989
1923	892,124
1924	605,390
1925	417,225
1926	357,464
1927	426,780
1928	345,925
1929	421,000
1930	520,705
1931	463,538
1932	255,007
1933	192,669

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, 1933, classified by

counties under the two district offices, is shown in an accompanying table. The surveyed land only is open to entry. The quantity of unsurveyed land in any county may be determined by subtracting the surveyed from the total.

Land District and County	Area in Acres Surveyed	Total
Denver Land District:		
Boulder	4,200	4,200
Chaffee	80,640	80,640
Clear Creek	4,760	16,360
Delta	157,011	158,611
Dolores	27,790	27,790
Eagle	158,855	162,995
Elbert	240	240
Fremont	27,460	27,460
Garfield	526,685	602,459
Gilpin	880	2,000
Grand	83,031	83,509
Gunnison	261,680	297,520
Hinsdale	42,561	91,921
Jackson	159,140	161,940
Jefferson	800	800
Lake	13,080	13,080
Larimer	23,340	23,460
Logan	2,840	2,840
Mesa	621,110	776,980
Moffat	1,237,979	1,401,090
Montrose	464,993	508,393
Morgan	1,120	1,120
Ouray	27,320	29,240
Park	60,660	60,700
Phillips	320	320
Pitkin	12,960	13,600
Rio Blanco	929,153	1,100,633
Routt	46,132	56,132
Saguache	84,560	84,560
San Miguel	247,441	288,051
Sedgwick	40	40
Summit	13,240	14,520
Teller	2,800	2,800
Washington	520	520
Weld	3,520	3,520
Yuma	1,400	1,400
Total	5,330,261	6,101,444

Land District and County	Area in Acres Surveyed	Total
Pueblo Land District:		
Alamosa	30,374	30,374
Archuleta	90,610	98,290
Baca	919	919
Bent	3,561	3,561
Chaffee	738	738
Cheyenne	190	190
Conejos	169,634	171,354
Crowley	1,506	1,506
Custer	8,514	8,514
Dolores	17,198	19,038
Elbert	200	200
El Paso	2,086	2,086
Fremont	261,682	261,682
Hinsdale	.....	9,900
Huerfano	49,605	49,605
Kiowa	681	681
Kit Carson	131	131
La Plata	140,194	152,336
Las Animas	40,205	40,205
Lincoln	1,269	1,269
Montezuma	172,562	201,250
Otero	2,118	2,118
Prowers	862	862
Pueblo	13,027	13,027
Rio Grande	75,079	77,523
Saguache	228,153	228,153
San Juan	.....	46,023
Teller	22,794	22,794
Total	1,333,892	1,444,329
State total	6,664,153	7,545,773

Earnings of the two Colorado land offices, and sources, for the year ending June 30, 1932, are as follows:

Fees and commissions	$ 30,604.82
Sale of public lands	9,570.52
Royalties (leasing act)	70,023.06
Sale of Indian lands	18,972.37
Miscellaneous	260.00
Total	$129,430.77

Expenses of the two offices for the fiscal year amounted to $22,584.90.

State or School Lands

WHAT is popularly known as state land in Colorado and other western public land states comprises the various areas turned over by the federal government to the state governments under general acts of congress and sundry special statutory grants, to be administered for the particular state interests in those states for which the grants were made. The most important of these grants were made under an act of congress passed in 1875, the year before Colorado became a state, by which the United States gave to each of the public land states an amount of land equal to one-eighteenth of the area of the state, for the benefit of the public schools. This is known as school land and quite generally in public land states all state land is referred to as school land, though various grants were made to the states for purposes in no way connected with the schools.

The original school land grant gave to the state sections 16 and 36 in every township. As there were large Indian reservations and extensive private land holdings in Colorado at the time the grant was made, the state was permitted to select other public lands in lieu of those within these reservations and public holdings. As a result, the state acquired large blocks of land in various localities, sometimes almost entire townships. When the national forests were created the state also exchanged considerable areas of state land within the forest boundaries for government land in other localities. The area of state or school lands in each county is shown in the table

between pages 12 and 13 in this volume.

After these exchanges and adjustments had been made, the status of state land on June 30, 1932, including all classes of grants, was as follows:

	Acres
Original grants	4,504,711
Land sold	1,397,294
Net remaining	3,107,417
Land leased*	2,503,186
Vacant land	604,231

*For agricultural and grazing purposes.

A table published herewith shows the distribution of the above totals among the different grants, the acreage sold out of each, the net acreage remaining, and the acreage under lease for agricultural and grazing purposes on June 30, 1932. State land sold from the time of transfer from the federal government down to June 30, 1932, aggregated 1,703,520 acres, of which 306,227 acres reverted to the state through the cancellation of purchase certificates, leaving net sales of 1,397,293 acres. The record period was in the two years ending November 30, 1910, when a total of 287,341 acres were sold at an average price of $11.59 per acre. Sales for biennial periods, and average prices per acre, by years, since that date are as follows:

	Acres	Av. Pr.
1911-1912	79,639	$10.38
1913-1914	91,216	7.35
1915-1916	134,219	10.27
1917-1918	224,006	14.37
1919-1920	156,502	21.38
1921-1922	33,754	17.74
1923-1924	10,347	12.62
1925-1926	21,384	13.28
1927-1928	25,513	15.33
1929-1930	99,136	10.96
Dec. 1, 1930-June 30, 1932	25,030	9.55

A summary of the acreage under lease at the end of the fiscal June 30, 1932, is as follows:

	Acres
Agriculture and grazing	2,503,186
Mineral	1,152
Clays, limestone, etc.	3,170
Oil and gas	464,602
Coal	15,034

The state reserves the mineral rights under all land sold and leases for coal, oil, gas and minerals listed above are in part upon land reported sold for agricultural purposes.

Acres of state land under lease for oil and gas at the end of biennial periods on November 30 up to 1930 and June 30 for subsequent years and rentals and royalties paid are as follows:

Year	Acres	Rentals and Royalties
1924	506,386	$ 52,653
1926	219,398	38,756
1928	207,854	38,607
1930	516,710	103,294
1932 (19 mos.)	464,602	43,767

Acres leased for coal at the end of biennial periods and income received therefrom during the period were as follows:

Year	Acres	Income
1918	13,469	$190,663
1920	13,634	174,113
1922	17,114	141,306
1924	13,948	171,112
1926	14,034	215,231
1928	17,814	188,723
1930	15,774	197,916
1932 (19 mos.)	15,034	95,322

Coal mined on state land during biennial periods, in tons, is as follows:

	Tons
1927-1928	1,479,073
1929-1930	1,227,158
1931-1932 (19 mos.)	374,621

Receipts of the land board from all sources, including sales of land, rentals and royalties, interest, etc., for biennial periods ending November 30 down to and including 1930 and June 30 thereafter are as follows:

Year	Amount
1914	$1,364,764
1916	1,788,430
1918	2,509,238
1920	3,160,643
1922	2,053,990
1924	1,908,170
1926	2,275,575
1928	1,912,417
1930	1,895,065
1932 (19 mos.)	1,040,210

The terms of the grants from the government provide that funds derived from the sale of land shall go into permanent funds and only the interest and the revenues derived from the administration of the unsold land shall be used for the benefit of the schools or special interests for which the grants were made. These permanent funds are mostly invested in interest-bearing securities. The amounts in the various funds on June 30, 1932, were as follows:

Public school	$10,594,900
Internal improvement	19
Agricultural college	473,294
University	89,396
Penitentiary	1,768
Public building	1,334
Saline	1,659
Total	$11,162,370

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 period ending June 30, 1932, these transactions were as follows:

Reported by treasurer	$1,480,631
Deducted for teachers' minimum salaries	529,542
Total apportionment	951,155
Deducted for blanks	18,849
Withheld acct. high school tuition	7,829
Distribution to counties	924,477

On June 30, 1932, the amounts in the income funds were as follows:

Public school	$339,542
Internal improvement	95
Agricultural college	4,993
University	10
Public building	2,027
Saline	16,631
Penitentiary	2,867
Total	$366,165

The permanent school fund of $10,594,900 was invested on June 30, 1932, as follows:

State bonds	$ 1,730,766.40
County and municipal bonds	3,976,138.25
Bonds of school districts	3,076,412.62
Farm loans	1,214,777.37
Liberty loan bonds	499,852.50
Cash	96,952.93
Total	$10,059,900.07

An accompanying table shows farm loans from the school fund outstanding on June 30, 1932, by counties, number of loans, acreage, appraised value and amount of loans.

State land, which is administered by the state board of land commissioners, is leased and sold under regulations made by the board, which may be obtained from that body upon application. Leases are made for grazing purposes, for agriculture and for exploration for oil, gas, minerals, coal, clay, etc. Before any state land can be sold it must be appraised by representatives of the board and the applicant must agree to pay the price fixed by the appraiser. The land is then sold at public auction, selling at or above the appraised price, the minimum legal price being $3.50 per acre. The terms upon which state land may be purchased are very liberal. Ten per cent of the purchase price is payable in cash and the remainder is payable in installments extending over a period of 33 years. Leases are made in much the same way, minimum prices being fixed at which state land may be leased for various purposes.

Of the 3,107,417 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:

	Acres
Canon City District	
Fremont county	1,960
Northern Coal Fields	
Adams county	9,600
Arapahoe county	9,080
Boulder county	760
Denver county	1,920
Douglas county	13,180
Elbert county	30,020
El Paso county	44,700
Jefferson county	1,820
Weld county	75,560
Southern Coal Fields	
Huerfano county	11,400
Las Animas county	33,360
Yampa Coal Fields	
Moffat county	120,400
Routt county	69,720
Miscellaneous	
Archuleta county	732
Grand county	2,960
Gunnison county	3,440
Jackson county	25,080
La Plata county	9,960
Montezuma county	4,160
Park county	3,880
Total coal area	473,692

The estimates of the acreage and distribution of state coal lands are based on the reports of the United States geological survey. It is assumed that a very large percentage of the coal acreage will not be found to contain workable coal, and the estimates of value are based on this assumption. Government appraisers have placed the value of public coal land in Colorado at from $100 to $400 per acre, depending on the character of the deposits and their accessibility. The value of state coal land has been estimated at a little more than $200 per acre, which is generally conceded to be very conservative.

The coal land owned by the state not only yields an income of around $200,000 a year, but constitutes a vast reserve of a natural resource which in the course of time as industrial development progresses may reasonably be expected to increase in value. The revenue from this source, like all proceeds from the utilization of state land, is devoted to school purposes. Coal land which is not already under lease is available for leasing through the mineral division of the land board.

STATUS OF VARIOUS LAND GRANTS, 1932

(From Records of State Board of Land Commissioners)

GRANT	Acres Original Grant	Acres Sold	Net Acres Remaining	Acres Under Lease*
School	3,753,813	913,775	2,840,039	2,279,203
Agricultural college	90,000	57,209	32,790	28,927
Internal improvement	499,790	328,221	171,569	150,304
Penitentiary	31,985	22,688	9,297	[illegible]
Public building	31,905	27,191	4,714	3,958
Saline	18,830	6,273	12,557	12,665
Reformatory	520	.....	520	.....
University	45,843	36,313	9,530	2,983
General fund	32,025	5,624	26,401	17,905
Total	4,504,711	1,397,294	3,107,417	2,503,186

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

PERMANENT SCHOOL FUND LOANS OUTSTANDING JUNE 30, 1932

(From Records of State Land Board)

COUNTY	No. Loans	Total Acreage	Appraised Value	Amount of Loans
Adams	22	5,611	$ 196,588.00	$ 45,189.80
Alamosa	6	1,995	79,600.00	15,574.50
Arapahoe	11	2,112	99,925.00	26,288.60
Archuleta	2	360	16,100.00	2,500.00
Baca	28	10,341	196,012.00	38,840.75
Bent	7	1,376	124,110.00	24,151.30
Cheyenne	23	8,163	205,157.00	48,530.70
Conejos	12	5,448	191,172.00	44,120.50
Costilla	5	3,486	96,330.00	19,300.00
Crowley	3	1,139	36,660.00	9,487.50
Delta	1	20	6,400.00	4,000.00
Dolores	8	2,232	43,655.00	6,050.00
Douglas	1	320	8,775.00	2,474.50
Elbert	18	6,476	138,422.00	37,219.30
El Paso	1	160	3,400.00	800.00
Fremont	2	1,043	26,720.00	6,469.40
Grand	1	160	7,000.00	2,000.00
Huerfano	9	3,441	41,483.00	10,228.08
Jefferson	18	3,989	222,215.00	58,175.30
Kiowa	12	4,317	100,945.00	21,186.25
Kit Carson	28	11,000	280,500.00	60,669.00
La Plata	17	3,072	217,770.00	49,944.40
Larimer	1	320	8,400.00	2,500.00
Las Animas	25	9,540	201,433.00	41,394.21
Lincoln	25	9,546	202,356.00	60,124.59
Logan	33	7,353	276,176.00	58,088.74
Mesa	1	1,229	19,555.00	6,400.25
Moffat	6	2,946	52,451.00	13,877.63
Montezuma	63	7,593	694,995.00	130,206.32
Morgan	33	9,097	243,856.00	59,456.27
Otero	1	75	3,675.00	1,243.75
Park	2	3,920	39,150.00	10,934.50
Phillips	2	480	15,900.00	5,482.50
Pueblo	5	1,760	26,051.00	6,730.36
Rio Blanco	3	1,376	56,301.00	13,609.25
Rio Grande	11	2,708	224,845.00	63,147.50
Routt	20	8,895	294,969.00	78,065.09
Saguache	3	793	53,765.00	15,000.00
San Miguel	1	280	3,575.00	900.00
Washington	10	3,770	98,463.00	24,939.15
Weld	44	10,979	389,543.00	84,634.52
Yuma	4	1,125	17,080.00	4,842.86
Total	528	160,046	$5,260,578.00	$1,214,777.37

National Forests

(By the United States Forest Service)

A LARGE portion of the mountainous area of Colorado is valuable primarily as forest land. Most of this rugged country, along both slopes of the Continental Divide, and extending irregularly along spurs east and west therefrom, is in national forests, which are under the supervision of the United States forest service. These forests are administrative units which have been established for ease in handling, based mainly upon topographic and watershed features. There are 14 forests wholly in the state, and one other the La Sal, which lies partially within its boundaries. The San Isabel, with 613,652 acres, is the smallest national forest in the state, while the Gunnison with 1,282,078 acres, is the largest. The forests average a little less than 1,000,000 acres each in area, or in all, 13,389,122 acres.

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

As far as possible, these timber lands are handled as local industries. Although they are a part of an extensive system comprising 148 national forests scattered through 29 states, Puerto Rico, and Alaska, and although the forest service, as a part of the United States department of agriculture, has its headquarters in Washington, its organization is decentralized to such an extent that local officials handle most of the business with users and purchasers on the ground.

The forests in Colorado comprise a little more than 8 per cent in area of the 162,009,145 acres of national forest land in the United States. The first "reserve" was created by President Harrison in 1891 in Wyoming, and was known as the Yellowstone Park timberland reserve. The White River reserve was the first forest to be set aside in Colorado, the proclamation of President Harrison having been made October 16, 1891. These and all others set aside until 1907, were known as "reserves." Beginning in that year, however, they were all designated officially as national forests, in which timber was to be grown and utilized instead of reserved. This was an important step in the development of the present system. The accompanying table gives the name of each national forest wholly or partly in this state, and the headquarters of the supervisor.

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

*Lies principally in Utah.

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

Forest	Counties
Arapaho	Eagle, Grand, Jackson, Summit.
Cochetopa	Chaffee, Gunnison, Lake, Park, Saguache.
Grand Mesa	Delta, Garfield, Gunnison, Mesa.
Gunnison	Delta, Gunnison, Hinsdale, Montrose, Saguache.
Holy Cross	Eagle, Garfield, Gunnison, Pitkin.
Montezuma	Dolores, La Plata, Montezuma, San Miguel.
Pike	Clear Creek, Douglas, El Paso, Jefferson, Park, Teller.
Rio Grande	Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, Saguache, San Juan.
Roosevelt	Boulder, Gilpin, Jefferson, Larimer.

Forest	Counties
Routt	Grand, Jackson, Routt, Moffat.
San Isabel	Alamosa, Chaffee, Custer, Fremont, Huerfano, Las Animas, Pueblo, Saguache.
San Juan	Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, San Juan.
Uncompahgre	Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Juan, San Miguel.
White River	Eagle, Garfield, Moffat, Rio Blanco, Routt.
La Sal	Mesa, Montrose.

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

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

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

In 1933, 1,260,380 people used the national forests of the state for recreation. Of these, 103,080 were hotel, resort, and summer home guests, 153,250 were campers, 1,004,050 were picnickers who drove out from the towns and cities for one day outings.

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

During 1933 the Civilian Conservation Corps prepared 220 acres for public campgrounds in the national forests and installed 1,130 sanitation and convenience improvements—latrines, garbage pits, tables, grates. A road was built from U. S. Highway No. 40-S, four miles above Minturn to Notch Mountain creek, a distance of about eight miles. From this point a horse and foot trail six miles in length was constructed to the top of Notch mountain from which point the best view of the Mount of the Holy Cross may be had. A stone shelter was built on the summit of Notch mountain, 13,200 feet elevation, for the protection of the tourists, who climb this mountain to view the Cross, from the sudden sleet and lightning storms which are common to the alpine sections of the Colorado Rockies. In addition, the CCC improved many miles of fishing streams by the construction of stream pools. Fish retaining ponds in which fish may be held until they reach fingerling size were built, such as one constructed on White river, about a half-mile below Trapper's lake. These improvements should be of help in developing Colorado's fishing.

There are 78 hotels and resorts, and 700 summer home residences under permit in the forests of Colorado. Many attractive lots for summer homes have been surveyed and are available for people who wish to build a cabin in the national forests. These lots are a half to an acre in size and can be leased from the local supervisors, the annual fee being $15 or more.

Reforestation—The forests of Colorado have many important uses in addition to their value for timber production. The forested watersheds which retard the melting of snow and equalize the flow of streams are of great value to farmers, irrigationists and municipalities dependent on water for irrigation and domestic use. Their influence in preventing erosion and in retarding run-off in times of flood is also highly important. Approximately three million acres of land in the state, valued roughly at $300,000,000, depend upon mountain areas for irrigation water.

Forest service officials estimate that ten per cent of the timber land within the national forests of Colorado has been denuded by fire or is covered with brush which is of little value except as it prevents erosion and rapid run-off from rain and melting snow. The planting of forest trees on these areas will restore the lands to full productivity.

The larger portion of these lands was denuded prior to 1905, and since they have been under the administration of the forest service, burned-over areas have been held to a low figure. Since the establishment of national forests, reforestation work has been conducted on various national forests. The Mt. Herman burn on the Pike national forest of about 10,000 acres has been completely reforested and other areas on this and other national forests are being planted with forest trees, most of which are produced at the Monument forest tree nursery. A total of 1,391,000 trees were distributed by this nursery in 1933.

Reforestation work has been uniformly successful as from 80 to 85 per cent of all areas planted have a satisfactory stocking of trees. Most of the reforestation work done and now in progress is located upon the burned-over watersheds which furnish water for municipalities, such as those supplying Colorado Springs, Denver, Trinidad, Salida and Fruita. During 1933, a total of 1,807 acres of burned-over or denuded land in Colorado was reforested. The majority of this area is located on the watershed supplying water to the city of Denver.

Exchange—There are 1,472,990 acres of private and state-owned land within the exterior boundaries of the national forests in Colorado. Of this area, about 107,598 acres is state school land. The state land board and the U. S. forest service are now negotiating an exchange whereby these scattered holdings will be turned over to the forest service for an equal area of government land in one tract. When this exchange is completed, Colorado will have its first state forest. This will be located on the east side of North Park on the west slope of the Medicine Bow range.

Much of the private land is permanently adapted to the production of timber and is no longer desired by the owners; in some cases because it was taken up for the merchantable timber which has now been removed; in other cases it was taken up in the hope of making a successful farm, and proved to be worthless; in still other cases it is mineral ground which has been worked out or proved to be valueless. Some of it is used for grazing, some not at all. Often, a single owner has acquired a number of widely separated tracts. On March 20, 1922, the president approved the land exchange act, which authorizes in general language the exchange of private lands for government lands in the national forests, or authorizes the exchange of private lands for timber of equivalent value. This makes it possible for private owners to consolidate their holdings and to exchange timber producing land for land of greater value for grazing, and at the same time permits the government to consolidate its holdings in more compact bodies of timber land, which will be easier of administration and less expensive to protect. By the end of 1933, 126,766 acres of privately-owned timber producing lands had been acquired in the national forests of the state in exchange for 34,245 acres and 76,520,000 feet of timber selected by private landowners with whom the exchanges were consummated.

Grazing in National Forests—Intermixed with the stands of timber on the forests are many parks or open places covered with good forage. There is also much grass and other forage plant growth in the timber where the tree growth is not too heavy. Most of the forage, by conservative uses, can be grazed by stock without injury to the timber. Some areas are closed to grazing in order to protect the slopes of streams which furnish municipal water supplies, and other areas, rock slides, etc., are barren of any forage growth. About 9,184,892 acres of the 13,389,122 net acreage in the national forests of Colorado are used for summer pasturage by about 25 per cent to 30 per cent of the cattle and 50 per cent to 60 per cent of the sheep owned in the state. During 1933, 290,436 cattle and horses were grazed by 3,016 permittees, and 964,816 sheep and goats by 870 permittees in the national forests of the state.

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

grazing season for cattle and horses is about five months.

The summer season of 1933 was the third in a cycle of years in which the precipitation during the growing season was subnormal. This succession of dry years materially reduced the volume of forage produced on the ranges. The effect on the vitality of forage plants was adverse to the extent that probably several years will elapse before the carrying capacity of the ranges returns to normal.

Grazing Fees—A certain fee per head per month, or a per capita charge is made for grazing permits. Up to and including 1927, the fees were based on a flat annual rate regardless of variations in character of individual ranges. An intensive appraisal was conducted which resulted in the revision of fees being based upon the worth of the various individual ranges rather than upon a flat rate for all ranges. These rates were fully effective in 1931. The average fee for cattle thus established in Colorado was about 17 cents per head per month, and for sheep about five and one-half cents per head per month. No charge is made for the natural increase, stock under six months of age which goes in with the parent stock.

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

Beginning with the season of 1933 a new principle of designating the rate was adopted as the result of a study undertaken to determine the practicability of relating grazing fees to the market value of livestock. The basic 1931 rates were thus reduced 37.6 per cent and 54 per cent for cattle and sheep, respectively.

For the season of 1934, the 1931 rates for cattle and sheep were likewise reduced 48 per cent and 47 per cent, respectively.

Larkspur Eradication—Certain poisonous plants on the range kill stock, but it has been found that about 90 per cent of this loss in cattle can be prevented by digging or grubbing the principal poisonous plant, which is larkspur. Sheep are not affected by this plant and cattle losses are sometimes controlled in part by "sheeping" bad patches of the plant early in the season. During the latter part of 1915 definite grubbing of larkspur was begun in Colorado. The progress of this work at the close of 1933 is indicated in the following figures:

Area now infested with poisonous plants	382,251 acres
Area poisonous plants treated to close of 1933	16,312 acres
Total cost of treatment to close of 1933	$49,353.00

Experiments were conducted in the summer of 1930 in the mountains of Colorado on the effectiveness and costs of administering solutions of commercial calcium chlorate to larkspur. Seven strengths were tested, but the costs, which are dependent upon many factors, appear to make this method of eradication prohibitive.

Range Improvements—Constructed range improvements that are at present in use on the national forests of Colorado consisted of the following at the close of fiscal year 1933:

	Miles or No.	Cost Value
Fences	688	$131,943
Corrals	34	2,996
Improved stock driveways	1,456	55,082
Stock bridges	6	3,274
Water developments	292	15,492

Game—Game animals are always interesting and estimates for 1933 show there are in the national forests of the state approximately: 13,800 elk, 3,200 mountain sheep, 100 antelope, 48,800 mule deer, 3,000 black or brown bear.

Approximately 8,012,750 fish fry were planted by the forest officers in the state in 1933.

Game Refuges—State game refuges have been established within the national forests of the state. The forest service co-operates with the state authorities in the protection of these areas, comprising a total acreage of 3,587,585, of which 2,642,280 acres are within the boundaries of the national forests. In addition to these state game refuges, game areas have been established by administrative restrictions embracing 418,613 acres. Forest officers also report annually on the status of different species of game and the information is compiled and furnished different agencies interested in the protection and conservation of the wild life of the state.

Rodent Control Work—The biological survey and the forest service conducted rodent control work from nine civilian conservation corps camps during 1933. The projects consisted of the

control of prairie dogs, ground squirrels, and pocket gophers. 131,780 acres being thus treated on eight forests. Furthermore, during the last three months of 1933, 1,700 porcupines were killed on six forests, by unemployment relief labor. This was done by shooting and distribution of poisoned salt baits in trees. The killing of porcupines is a forest preservation measure. Porcupines kill thousands of trees annually.

Roads—A comprehensive system of roads and trails has been adopted for the national forests and the forest service alone or in cooperation with the state or counties, is engaged in the improvement of roads on that system, using government and co-operative funds. The roads are divided into two major classes: forest highways and forest development roads, which also include trails. Forest highways include roads that are of prime importance to the state, counties, and communities and funds for their improvement are programmed upon joint recommendations by the state highway department, bureau of public roads, and forest service, based upon surveys and estimates prepared by the bureau of public roads, which also has direct supervision of their construction. Forest development roads and trails are of vital importance in the protection of the forests against fires, and are also used in administration and in the marketing of the forest crop. Such roads, with the exception of a few which require expert engineering, are of lower standard than forest highways and are constructed by the forest service organization. During the fiscal year 1933, $802,752 was expended in the improvement of forest roads and trails. Of this amount $602,133 was expended for forest highways, $173,641 for forest development roads and $26,978 on trails. In addition to the above amounts, $64,715 was spent in the maintenance of minor roads and trails. The figures given are for the fiscal year ending June 30, 1933, and do not reflect the substantial progress made during the latter part of the construction season through the use of ECW and NIRA forces. A total of 64.4 miles of roads and 223 miles of trails were completed and substantial expenditures were made on projects yet to be completed.

Fire Control—During 1933 a total of 140 fires occurred on or threatened the national forests in the state; 87 of these covered only one-fourth acre or less, 36 covered one-fourth to 10 acres, and 17 burned over 10 acres or more. While this represents a decrease of four in total number of fires as compared with 1932, the number of fires which covered 10 acres or more was more than doubled. The total area burned was 1,718 acres, and the damage to timber, reproduction, forage and watershed protection amounted to $3,029. Of the area burned, 1,165 acres were national forest land, 200 acres were land privately owned inside the forest boundaries, and there were 353 acres of privately owned land outside the national forests. Of these fires, 36 were caused by lightning, 11 by railroads, 29 by campers, 47 by smokers, six by debris burning, two by incendiaries, one by lumbering operations, and 8 by miscellaneous other causes. Campers caused 10 less fires in 1933 than in 1932, and smokers caused six more than in 1932. The forest service expended $5,178 in suppressing these fires in Colorado in 1933, and other agencies expended $266. In addition, the members of the Civilian Conservation Corps worked on a number of the fires during the season.

All the forests were closed to fireworks during the Fourth of July period. Owing to the extreme hazard and the great number of visitors generally throughout most of the year, the Devils Head mountain area in the Pike national forest is permanently closed to camp fires, smoking, and the discharge of firearms.

Timber—The forests of Colorado are one of her most important resources. The majority of the merchantable timber is found upon the national forests, totaling 31,918,969,000 board feet. It has been roughly determined that these forests are capable of producing an estimated annual growth of approximately 500,000,000 board feet of timber, or several times the amount of timber now furnished by the national forests of Colorado for use in the state.

Under normal business conditions, the annual cut of timber from these national forests varies from fifty to seventy million board feet. In 1933, the amount cut was 18,697,000 board feet. The size of timber sales varies from a few thousand board feet to over 25,000,000 board feet, most of them involving less than $500 worth of timber. The average price paid for timber cut in 1933 was $1.94 per thousand feet, which produced a revenue of $36,179.19.

Saw logs make up about half of the annual cut. Other products, in the order of their importance, are railroad ties, mine props and timbers, telephone poles, posts, and cordwood. Ranchers, settlers and farmers secured in addition to the material sold, approximately 14,000,000 board feet, which was used for fuel, fencing and building materials on their lands within or adjacent to the national forests.

During 1933 great progress was made in improving the overcrowded stands of sapling timber through thinning work done by members of the Civilian Conservation Corps and by men employed under the various relief programs. During 1933 and the winter of 1933-1934, a total of 34,000 acres were thinned and are now in a condition where the maximum growth may be expected. A large amount of material removed from these overcrowded stands has been disposed of without charge to the users under government regulations permitting this use.

Christmas trees, evergreen boughs, ornamental seedlings and other timber products not sold upon a board foot basis, and also disposed of in 1933, returned a revenue of $1,563.82.

Forestry officials estimate that the average annual cut of timber products in Colorado is only a proportion of what could be cut each year on the basis of harvesting the equivalent of the annual growth of the forests of the state. Until new uses and markets are developed, it is impossible to harvest the mature timber as is desirable. Within recent years consideration has been given to the use of Engelmann spruce for pulp wood, and lodgepole pine is now being used for telephone and telegraph poles. Treating plants where poles and fence posts are impregnated with a preservative treatment of creosote are located at Salida and Denver.

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

With the exception of Christmas trees and seedlings sold individually, or boughs and similar products sold by the pound, all timber products are sold by the board foot, linear foot or cord, and measured by a forest officer. In designating trees for cutting, only mature or defective trees are marked for removal. The aim is to leave the smaller and more vigorous trees to perpetuate a productive forest as well as to improve growing conditions through the removal of diseased and defective trees. All cutting is closely supervised by forest officers.

As a part of the work of many CCC camps in the state during 1933 and the winter of 1933-1934, the areas adjacent to many roads and highways in the national forests were cleared of dead and down material which had accumulated for many years. A total of 223 miles of roadside clean-up was completed, reducing the fire hazard materially, as well as greatly improving the appearance of the roadsides.

Finances—The receipts from the sale of timber, grazing, special use permits and other uses, amounted to $342,976 during the fiscal year 1933. Twenty-five per cent of this amount, or $85,744, was turned over to the counties in accordance with the law, for schools and roads. An additional 10 per cent, or $34,298, was allotted directly to the forest service for expenditure for roads and trails in the national forests, this also being in accordance with a congressional act authorizing such expenditures.

The receipts for 1933 were 33.3 per cent greater than in 1932, due to increased timber sales and the collection of delinquent grazing fees, reflecting an improvement in economic conditions.

During the year there was expended the sum of $991,226 for capital investments, of which $852,306 was for the construction of roads and trails in the national forests of Colorado, leaving $138,920 for investments other than roads and trails. A total of $251,167.27 was expended for the maintenance of improvements and for the administration of the national forests in the state; a further sum of $36,972.87 was expended for the protection of these forests from fire. The total expenditures within the state were $1,363,-492.53. This amount is approximately four times greater than the receipts. It will be noted, however, that $991,-225.99, or 72 per cent of the total expenditures, was for capital investments in roads, trails and other improvements. A total of $84,126.40 was expended in co-operation with other federal bureaus, the state and individuals and on research.

RECEIPTS BY COUNTIES FROM NATIONAL FOREST SERVICE, BY YEARS

(Fiscal Years Ending June 30)

Note.—A congressional act provides that 25 per cent of receipts from the sale of timber, forage and other forest resources be given to the counties within which the forests are located, for roads and schools. The distribution to individual counties is based on the proportionate area of national forest land included within the boundaries. The money is paid by the treasury department to the state treasurer, who in turn makes the proper distribution to counties.

COUNTY	1933	1932	1931	1930	1929
Adams	.....	.....	.....	.....	.....
Alamosa	$ 116.83	$ 83.89	$ 187.37	$ 167.66	$ 156.87
Arapahoe	.....	.....	.....	.....	.....
Archuleta	2,309.44	386.18	4,337.78	4,089.61	3,640.84
Baca	.....	.....	.....	.....	.....
Bent	.....	.....	.....	.....	.....
Boulder	676.12	823.61	2,075.00	2,259.35	1,796.83
Chaffee	1,301.47	582.36	1,982.56	2,050.33	2,580.93
Cheyenne	.....	.....	.....	.....	.....
Clear Creek	719.51	730.74	1,111.17	1,302.98	1,223.34
Conejos	1,928.27	1,217.71	3,635.93	2,891.39	2,425.56
Costilla	.....	.....	.....	.....	.....
Crowley	.....	.....	.....	.....	.....
Custer	678.54	487.19	1,088.17	973.75	911.05
Delta	2,017.07	1,404.57	2,463.57	2,265.37	2,124.88
Denver	.....	.....	.....	.....	.....
Dolores	2,870.58	1,239.14	3,944.83	8,250.59	8,948.27
Douglas	571.57	581.03	884.36	1,036.68	983.28
Eagle	4,415.10	2,683.77	5,653.32	5,323.07	4,160.76
Elbert	.....	.....	.....	.....	.....
El Paso	421.45	428.42	652.08	762.81	724.80
Fremont	281.37	202.02	451.23	403.78	377.79
Garfield	5,741.91	3,773.89	7,355.07	6,649.90	5,920.09
Gilpin	310.59	376.27	951.91	1,046.40	831.48
Grand	2,801.11	2,079.43	3,156.29	4,114.58	2,371.91
Gunnison	7,561.30	5,032.81	11,105.10	10,403.98	9,244.23
Hinsdale	3,309.98	1,783.47	5,991.43	5,281.66	4,308.32
Huerfano	561.74	403.33	900.86	806.14	754.24
Jackson	2,712.22	2,526.24	4,449.20	4,559.12	3,129.81
Jefferson	402.63	409.46	624.64	728.34	688.21
Kiowa	.....	.....	.....	.....	.....
Kit Carson	.....	.....	.....	.....	.....
Lake	483.89	212.12	735.96	764.80	961.36
La Plata	2,171.02	376.48	4,075.33	3,931.71	3,514.11
Larimer	3,234.96	3,941.24	9,913.25	10,900.12	8,656.17
Las Animas	123.15	88.42	197.49	176.73	165.35
Lincoln	.....	.....	.....	.....	.....
Logan	.....	.....	.....	.....	.....
Mesa	5,553.11	4,045.62	7,235.31	6,743.24	6,253.59
Mineral	3,352.65	1,851.49	6,606.46	5,486.62	4,649.45
Moffat	300.91	267.56	477.04	481.59	315.26
Montezuma	2,039.94	878.34	2,796.22	5,851.20	6,345.99
Montrose	2,195.04	1,761.45	3,452.90	3,293.20	2,966.38
Morgan	.....	.....	.....	.....	.....
Otero	.....	.....	.....	.....	.....
Ouray	913.60	750.59	1,448.04	1,391.02	1,248.26
Park	2,614.97	2,629.10	4,041.82	4,729.93	4,355.92
Phillips	.....	.....	.....	.....	.....
Pitkin	3,409.04	2,167.99	4,641.51	4,337.27	3,333.06
Prowers	.....	.....	.....	.....	.....
Pueblo	116.46	83.60	186.76	167.12	156.36
Rio Blanco	4,035.33	2,638.18	5,164.83	4,647.00	4,113.94
Rio Grande	1,622.75	1,024.39	3,067.97	2,439.77	2,109.38
Routt	3,956.73	3,553.74	6,289.31	6,363.81	4,083.29
Saguache	3,464.57	2,041.66	5,576.10	5,351.42	5,364.49
San Juan	1,106.32	298.95	2,086.25	1,914.66	1,821.93
San Miguel	1,512.56	705.86	2,113.39	4,190 81	4,504.90
Sedgwick	.....	.....	.....	.....	.....
Summit	1,380.16	975.00	1,412.82	1,913.69	1,739.59
Teller	448.17	454.57	691.37	799.20	753.02
Washington	.....	.....	.....	.....	.....
Weld	.....	.....	.....	.....	.....
Yuma	.....	.....	.....	.....	.....
State	$ 85,744.13	$ 57,981.88	$135,212.00	$141,242.40	$124,715.29

National Parks and Monuments

THERE are two national parks and six national monuments located within the boundaries of Colorado and one national monument on the boundary between Colorado and Utah. These parks and monuments embrace 387,463 acres and are visited annually by more than 325,000 persons. 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 405.33 square miles, or 259,411 acres. Of the total, 7,607 acres is private or state-owned land.

Mesa Verde national park, located in southwestern Colorado in Montezuma county, and embracing 80.2 square miles, or 51,334 acres. Total alien land in the park is 790 acres.

Black Canon of the Gunnison national monument, located in northeastern Montrose county and embracing 11,157 acres.

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

Great Sand Dunes national monument, located in Saguache and Alamosa counties in the San Luis valley, and embracing 46,034 acres.

Colorado national monument, located in Mesa county near Grand Junction and embracing 17,539 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.

All the Colorado national parks and monuments formerly were administered by the national park service of the department of the interior, with the exception of the Holy Cross and Wheeler monuments, which were under the jurisdiction of the department of agriculture. On June 10, 1933, President Roosevelt issued an executive order transferring and consolidating the control in the "Office of National Parks, Buildings and Reservations."

Rocky Mountain national park was created by an act of congress approved January 26, 1915. It lies in the heart of the Rockies and includes some of the most picturesque portions of the range. Its highest point is Longs peak, rising 14,255 feet above sea level. There are within its boundaries 13 other peaks with an altitude of more than 13,000 feet. It is one of the most accessible of the national parks and one of the most popular. It contains remarkable records of the glacial period. On July 17, 1930, President Hoover, by proclamation, added 22.1 square miles to the area of the park, the Never Summer range district on the west side. On January 11, 1932, the president, by proclamation, added 3,075 acres in Moraine park to the area. Annual winter outings in the park are regular features, these usually taking place in February under the auspices of the Colorado Mountain club. Skijoring parties are features of these outings. The favorite summer vacation sport in the park is horseback riding, more than 1,500 horses being used in the park. The government has constructed 200 miles of trail in the park, connecting points of interest.

The park service completed in 1932 the Trail Ridge road in the park, at a cost of $1,250,000. This road is acclaimed as one of the outstanding mountain highways of the world. For four miles it is located more than 12,000 feet above sea level and another stretch of 11 miles is above the 11,000-foot elevation.

Total government appropriations made for the Rocky Mountain national park from 1917 to 1934, inclusive, aggregated $1,317,018, of which $1,202,940 had been expended up to June 30, 1933. In addition, small revenues are received by the service from various operations. The appropriations and expenditures by years are as follows:

	Appropriated	Expended
1917	$10,000	$ 9,964.24
1918	10,000	9,922.10
1919	10,000	9,993.94
1920	10,000	9,924.85
1921	40,000	39,945.40
1922	65,000	64,923.10
1923	73,900	73,153.99
1924	74,280	74,000.03
1924	*26,171	.....
1925	93,000	122,888.53
1925	*4,450	.....
1926	84,660	82,259.56
1927	87,000	86,100.00

	Appropriated	Expended
1928	97,620	95,612.07
1929	97,880	95,230.00
1930	96,000	94,871.34
1931	105,950	104,880.57
1932	118,800	117,909.55
1933	114,300	111,361.48
1934	98,007	.....

*Deficiency appropriation.

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

Year	Visitors	Autos
1915	31,000	(a)
1916	51,000	(a)
1917	117,186	(a)
1918	101,497	(a)
1919	169,942	(a)
1920	240,966	(a)
1921	273,737	57,438
1922	219,164	52,112
1923	218,000	51,800
1924	224,211	53,696
1925	233,912	58,057
1926	225,027	50,407
1927	229,862	54,109
1928	235,057	57,381
1929	274,408	67,682
1930	255,874	73,101
1931	265,663	75,429
1932	282,980	81,359
1933	291,934	83,022

(a) No record.

Mesa Verde national park is especially noted for the ruins of homes and villages of the ancient Cliff Dwellers, supposed to have been the earliest inhabitants of this part of the country. It was established by an act of congress approved June 29, 1906. The ruins are found in canons which intersect a high plateau that once is supposed to have supported a population of at least 70,000 people. The numerous ruins are connected by excellent highways and trails, and the government furnishes guides for all visitors. Roads to the park have been greatly improved in recent years. The government maintains a camp for the accommodation of autoists. A museum in the park contains many interesting relics of the ancient people.

Research work conducted in the park in 1930 by Dr. A. E. Douglas, leader of the National Geographic tree-ring expeditions of the last decade, finally succeeded in erecting an unbroken tree-ring chronology extending from shortly before the year 700 A. D. to the present time by means of timbers found in the ruins.

Governmental appropriations for the maintenance and improvement of the park and for archaeological work aggregated $813,304, of which $736,638.51 had been expended up to June 30, 1933. Appropriations and expenditures by years are as follows:

	Appropriated	Expended
1917	$10,000	$ 9,999.00
1918	10,000	9,913.05
1919	18,000	17,022.44
1920	11,000	10,959.69
1921	14,000	13,929.71
1922	16,400	16,339.30
1923	43,000	42,812.62
1924	35,000	36,685.21
1924	*3,000	.....
1925	42,500	43,183.46
1925	*1,895	.....
1926	42,835	42,596.97
1927	72,300	70,591.36
1928	50,750	48,343.59
1929	83,000	78,134.00
1929	*1,115	.....
1930	57,000	53,910.66
1931	96,800	95,799.70
1932	79,300	55,724.49
1933	72,900	91,693.26
1934	52,509	.....

*Deficiency appropriation.

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

Year	Visitors	Autos
1921	3,003	651
1922	4,251	969
1923	5,236	1,255
1924	7,109	1,803
1925	9,043	2,197
1926	11,356	3,054
1927	11,915	3,315
1928	16,760	4,803
1929	*14,517	4,224
1930	16,656	5,023
1931	18,003	5,334
1932	15,760	4,914
1933	16,185	4,262

Black Canon of the Gunnison national monument was created by a proclamation issued by President Hoover on March 2, 1933, and comprises 11,157 acres along the Gunnison river in northeastern Montrose county, beginning a few miles to the northwest of Cimarron, a station on the Denver & Rio Grande Western railroad, and extending northwest. The river is named after Gen. John W. Gunnison, who explored the region in 1853, and the gorge is called the Black canon because of the color of its precipitous walls. The canon, which narrows to 10 feet in width at the river bed in some places, averages around 1,300 feet from rim to rim and rises to approximately 3,000 feet above the river at the most elevated point. It was considered impassable until 1901, when A. Lincoln Fellows, an engineer then with the United States reclamation service, and a companion negotiated the treacherous stream, although their boat was crushed by the torrent of waters. The canon is approximately 50 miles long and the monument embraces ten miles of the most picturesque part and averages three-fourths of a mile in width.

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

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

Colorado national monument is in a picturesque canon which has long been a popular scenic feature of that part of Colorado. The formation is similar to that of the Garden of the Gods at Colorado Springs, but it is generally conceded to be much more picturesque. President Hoover issued a proclamation on March 3, 1933, adding 3,789 acres to the monument, and thereby preserving in perpetuity an entrance to the monument through Nothorough-fare canon.

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

Year	Visitors
1925	9,000
1926	9,000
1927	9,500
1928	10,000
1929	12,000
1930	13,000
1931	16,000
1932	18,000
1933	20,000

Wheeler national monument is especially noted for its weird and very picturesque rock formation, unlike anything found elsewhere in Colorado, due to eccentric erosion and volcanic action.

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

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

Year	Visitors
1925	100
1926	150
1927	196
1928	174
1929	250
1930	240
1931	264
1932	240
1933	300

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

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

Year	Visitors
1925	250
1926	250
1927	263
1928	240
1929	450
1930	400
1931	440
1932	400
1933	425

Tourist Attractions

COLORADO has in its incomparable climate and wonderful scenery a natural resource of almost incalculable value from an economic standpoint. At the same time it furnishes recreation facilities for thousands of people from all parts of the United States and foreign countries. The invigorating low-pressure atmosphere of high altitudes, the cool and refreshing nights, the days of continuous sunshine and the accessibility of the attractive regions make ideal conditions for the tourist and pleasure seeker. Camping, hunting, fishing, mountain climbing and other outdoor sports may be enjoyed in regions remote from the cities and towns or close to inhabited places, as the visitor may choose. Excellent highways make automobile touring a pleasure in the mountains, through the valleys and wherever one desires to go. Federal, state and municipal governments contribute toward the furnishing of accommodations for visitors and have organized means of adding to their comfort and pleasure.

It is impossible to enumerate, even partially, in a volume of this character, all the tourist attractions of the state. That is left to the railroads serving Colorado, the commercial clubs of the various cities and towns and similar corporations and organizations which publish annually hundreds of

booklets and leaflets descriptive of the state's scenic attractions and recreation opportunities. Such literature may be obtained upon request from the various railroads and organizations. A list of the principal civic and commercial organizations of the state, with addresses, is published elsewhere in this volume.

Switzerland has been more successful than perhaps any other country in capitalizing its mountains for profit, yet Colorado is nearly seven times as large as Switzerland, and its mountain area is fully six times as great. Colorado has at least 43 named peaks and equally as many unnamed peaks that tower more than 14,000 feet above sea level, while Switzerland has but eight. Colorado has fully 1,000 peaks 10,000 feet high and over, while Switzerland has fewer than one-eighteenth as many. Every peak in Colorado is accessible for any careful and 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 six national monuments within the state.

These are described in more detail under the title, "National Parks and Monuments," in this volume. Hovenweep, another national monument, lies partly in Colorado and partly in Utah.

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

The national park service reports that more than 325,000 visitors entered the national parks and monuments in Colorado in 1933.

Fourteen national forests are located wholly within the boundaries of the state and one—the La Sal—lies partially within its borders. These forests embrace 13,326,851 acres within the state and include nearly all the higher mountain peaks not within the national parks and a very large part of the most beautiful scenery in the state. The forest service is devoting more attention each year to popularizing these forests as national playgrounds and to improving them with roads, trails, shelter houses and other conveniences for travelers. The forest service places the number of people who viewed the scenery, fished in the streams and camped in the woods of the state of Colorado in 1932 at 2,346,000, an increase of 81,000 over 1931, and 1,260,380 in 1933.

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

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

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

of them. More tourists visit Colorado today by automobile than visit it by rail, and automobile travel to the state is increasing much more rapidly than travel by railroad.

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

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

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

Colorado is rich in mineral waters, some of them acknowledged to be of high curative qualities. More than 250 mineral springs and wells in the state have been carefully studied and their waters analyzed by the state geological survey, and there are perhaps as many which have not been analyzed. The largest single group of mineral springs in Colorado is found in and about the city of Steamboat Springs, in Routt county. Among other well-known groups of mineral springs are those at Glenwood Springs, Idaho Springs, Pagosa Springs, Hot Sulphur Springs, Manitou and Canon City. Many of these places are well known health and tourist resorts, some of them having large bathing pools, 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.

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

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

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

Expenditures by visitors in the state in 1931, estimated on the basis of questionnaires sent out in 1930, was $94,390,000. These questionnaires showed an average stay of 2.95 weeks in the state for each visitor at an average expenditure of $5.58 per day. The estimate for 1931 is based on an average expenditure of $4.58 per person per day, the amount being reduced from that of the previous year by 18 per cent on account of prevailing conditions. Of the total of $94,390,000 for the year, $72,396,000 is accounted for during June, July and August and $21,994,000 during the other months of the year. Expenditures for oil and gas for automobiles from other states while visiting in Colorado are estimated at $2,248,000, including $436,142 for state gasoline tax.

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

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

TELEPHONES IN COLORADO

There were 689 telephone systems and lines operating in Colorado in 1932, which compares with 743 in 1927 and 841 in 1922 as reported in the quinquennial census of the electrical industries of the department of commerce. Two systems reported an annual income in excess of $10,000 in 1932 and the remaining 687 systems were small organizations reporting less than $10,000 income.

All systems in the state had 717,589 miles of wire in 1932, which compares with 559,873 miles in 1927, an increase of 28.2 per cent, and 412,816 miles in 1922, an increase between 1922 and 1927 of 35.6 per cent. The Bell system reported 696,957 miles in 1932. The 687 smaller systems had 18,670 miles of wire and one other system had 1,962 miles.

There were 179,063 telephones in use in the state in 1932, which compares with 183,250 in 1927, a decrease of 2.3 per cent, and 150,652 telephones in 1922. The increase in the number of phones between 1922 and 1927 was 21.6 per cent. Of the 179,063 telephones in the state in 1932, 112,991 were residence and 66,072 were business telephones. Of these the Bell system reported 102,768 residence and 64,520 business phones, a total of 167,288.

The number of originating calls on all telephones in the state in 1932 was 300,074,028, of which 290,995,643 calls were reported by the Bell system. All other systems reported 9,078,385 calls. The number of originating calls in 1932 reported by companies with an annual income of more than $10,000 was 292,715,308, which compares with 277,517,984 in 1927 and 228,101,860 in 1922. These were equal to an average of 5.3 calls per telephone per day in 1932; 5.0 calls per telephone per day in 1927 and 5.1 in 1922.

The number of telephones in Colorado on December 31, 1932, per 1,000 population was 171, which compares with 139 per 1,000 population for the United States. The District of Columbia had the highest rate, or 366 telephones per 1,000 population, and Mississippi the lowest, 31.

LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the 13 years ending with 1932, according to the annual summaries of the Tuskogee institute. Of 4,329 lynchings reported in the United States since 1885, only 29 were in Colorado, of which 24 were white and five were negroes. Colorado's proportion of the total is less than seven-tenths of one per cent.

TROUT DISTRIBUTED IN COLORADO STREAMS, BY COUNTIES AND YEARS

(From the Records of the State Game and Fish Department)

COUNTIES	1930	1929	1928	1927	1926	1925
Adams	121,000	------	------	27,500	------	------
Alamosa	------	------	------	62,000	------	------
Arapahoe	22,440	10,000	------	------	------	------
Archuleta	412,350	359,000	724,320	269,000	560,000	309,000
Baca	------	------	------	------	------	------
Bent	------	------	------	------	------	------
Boulder	865,000	775,000	860,000	380,000	822,000	800,500
Chaffee	1,598,000	2,359,765	698,700	202,000	280,000	410,000
Cheyenne	------	------	------	------	------	------
Clear Creek	100,000	379,000	290,000	240,000	361,000	240,000
Conejos	615,000	1,160,600	822,000	574,500	844,300	800,000
Costilla	45,000	30,000	15,000	25,000	52,000	125,000
Crowley	------	------	------	------	------	------
Custer	325,000	20,000	86,500	25,000	30,000	240,000
Delta	1,159,000	966,000	1,119,000	2,465,700	993,800	1,300,000
Denver	------	------	------	------	------	------
Dolores	91,000	160,000	140,000	650,000	100,000	200,000
Douglas	122,260	67,500	199,500	115,000	310,000	300,000
Eagle	729,000	280,000	522,000	426,000	909,000	618,000
Elbert	------	------	------	------	------	------
El Paso	101,000	117,500	60,000	227,000	230,000	300,000
Fremont	250,036	400,000	546,000	180,000	346,000	250,000
Garfield	1,313,000	760,000	975,000	1,171,000	602,000	631,000
Gilpin	40,000	25,000	78,000	45,000	70,000	150,000
Grand	1,031,900	945,000	1,177,000	761,000	1,212,000	581,000
Gunnison	3,333,000	1,948,000	3,193,000	3,068,000	2,988,000	1,679,000
Hinsdale	848,000	868,120	489,000	160,000	300,000	200,000
Huerfano	134,000	230,000	65,500	137,500	200,000	180,000
Jackson	640,050	981,080	1,005,700	1,530,000	592,530	240,000
Jefferson	994,860	576,000	481,000	721,500	457,000	375,000
Kiowa	------	------	------	------	------	------
Kit Carson	35,000	------	------	10,000	------	------
Lake	320,000	449,757	255,000	30,000	130,000	260,000
La Plata	1,959,500	1,358,340	1,832,350	1,178,500	1,142,000	630,000
Larimer	1,948,000	2,861,100	2,270,000	1,885,000	2,388,000	1,457,600
Las Animas	65,000	150,000	57,500	172,500	140,000	350,000
Lincoln	------	------	------	------	------	------
Logan	------	------	80,000	------	------	------
Mesa	1,630,000	1,350,000	667,000	529,900	544,000	370,000
Mineral	584,500	520,950	324,500	314,500	595,000	552,000
Moffat	------	68,000	83,000	339,000	85,000	150,000
Montezuma	315,000	97,000	85,000	180,000	190,000	180,000
Montrose	214,000	767,000	367,000	193,500	302,000	310,000
Morgan	------	------	------	------	------	------
Otero	------	------	------	------	------	------
Ouray	220,000	84,000	154,000	112,000	68,000	190,000
Park	633,000	697,500	1,558,500	866,000	531,000	350,000
Phillips	------	------	------	------	------	------
Pitkin	398,000	120,000	463,000	365,000	796,000	560,000
Prowers	------	------	------	------	------	------
Pueblo	40,000	90,020	155,500	145,000	300,000	280,000
Rio Blanco	1,242,000	773,400	973,000	1,176,000	816,000	580,000
Rio Grande	325,000	365,000	239,500	481,500	398,000	595,000
Routt	------	787,000	946,000	932,000	938,000	853,000
Saguache	212,500	615,500	769,500	304,000	125,000	175,000
San Juan	199,000	363,600	266,000	720,000	80,000	170,000
San Miguel	453,750	325,840	242,000	419,000	260,000	190,000
Sedgwick	------	------	------	15,000	------	------
Summit	135,000	68,500	55,000	73,000	132,000	190,000
Teller	145,000	90,000	203,000	175,000	170,000	320,000
Washington	------	------	------	------	------	------
Weld	------	58,100	54,000	------	------	------
Yuma	83,000	65,000	25,000	15,000	30,000	80,000
State	*26,083,146	*25,583,172	25,667,570	24,094,100	22,419,630	18,721,100

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

Fish and Game

COLORADO has an elaborate and complete system for the propagation and protection of game and fish and as a result it has achieved an enviable reputation for its hunting and fishing opportunities. There were 73,323 licenses issued in 1933 to residents and non-residents, giving the holders the privilege of hunting or fishing in the state during the year. The revenues derived from the sale of these licenses and permits, fines for violations of the laws, the sale of beaver pelts, etc., provide the funds for the operation of a state game and fish department, which has general supervision over the protection of game and fish, the stocking of streams and refuges, and the enforcement of the game laws. The expenditures for this work run from $275,000 to $318,000 each year without any appropriations being made out of the public funds.

The state owns and operates 15 hatcheries used in stocking the hundreds of miles of fishing streams with trout and one hatchery for propagation of bass, crappies, perch and other varieties of warm water fish. Another is under construction at La Jara, in Conejos county. These hatcheries are among the most modern and complete in the United States and have a hatching capacity of 75,000,000 trout each year. The young trout are permitted to grow to a length of four to seven inches in retaining or nursing ponds before being planted in the streams, by which time they are sufficiently developed to take care of themselves in the swifter water.

The trout hatcheries, the counties in which they are located and the area of land included in each are as follows:

Hatchery	County	Acres
Buena Vista	Chaffee	205
Cedaredge	Delta	13
Denver	Adams	26
Del Norte	Rio Grande	10
Durango	La Plata	13
Estes Park	Larimer	10
Bellvue	Larimer	5
Grand Lake	Grand	1
Glenwood Springs	Garfield	5
Grand Mesa	Delta	10
Pitkin	Gunnison	20
Rye	Pueblo	5
Steamboat Spgs.	Routt	..
Trappers Lake	Rio Blanco	10
Walden	Jackson	10
La Jara*	Conejos	7

*Under construction.

The department has four large reservoirs for egg-spawn taking purposes. In former years spawn was taken from wild lakes, but under this system the reservoirs will be used exclusively for that purpose and no trout will be taken from them. These reservoirs are expected to supply sufficient quantities of spawn to permit the operation of the hatcheries at their full capacity of 75,000,000 a year.

The location and description of these reservoirs is as follows:

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

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

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

Cameron Pass reservoir, Jackson county, 160 acres under government easement, 60 acres of water.

The department has developed motor tanks for transporting trout, which by the use of compressed oxygen allowed to flow through ice-cooled compartments aerate the water. This method has resulted in approximately 85 per cent of the fingerlings planted in streams surviving. Ten of these tanks are operated by the department.

The department plants annually around 25,000,000 trout in the streams of the state. The number in 1932 was 21,888,913, which compares with 26,000,000 in 1931. This number about represents present requirements and will not be increased until there is a larger demand. The department in 1930 removed approximately 40,000 surplus male rainbows, from 10 to 12 inches long, from the spawning lakes and reservoirs and planted them in streams. A similar number were transferred in 1931. It plans to expand this work as the excess of males over females increases and make the planting of trout of lawful size a regular feature.

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

The season for stream fishing in Colorado is from May 25 to October 31, inclusive, and all fishermen are required to obtain licenses. The game and fish department has planted more than 280,000,000 trout in the streams of the state in the past fourteen years. The following table shows the number planted by years:

Year	Trout Distributed
1919	10,389,000
1920	13,076,500
1921	12,011,000
1922	16,871,000
1923	18,117,000
1924	19,078,000
1925	19,921,000
1926	24,019,000
1927	24,094,100
1928	25,677,570
1929	25,583,172
1930	26,083,146
1931	26,000,000
1932	21,889,000
1933	19,000,000

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

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

1928	3,630,675
1929	3,532,500
1930	5,348,000
1931	6,558,800
1932	6,144,000
1933	8,012,750

A number of private hatcheries are operated in the state for supplying trout for market purposes and for stocking private lakes and streams upon which summer resorts are located. The state game and fish department also supplies large quantities of bass and ring perch for lakes. An accompanying table shows the number of licenses of all classes issued by the game and fish department by years.

Big game still is found rather abundantly in Colorado, including deer, antelope, bear, elk, mountain lion, gray wolf and coyote. In an article in this book devoted to the national forests of the state will be found approximate estimates of the numbers of various kinds of big game found within the national forests. The numbers found outside the forest boundaries bring the totals considerably above the figures there given, but no accurate survey has been made except within the forests. There is also much small game, including sage hen, grouse, pheasant, dove, wild duck, rabbit, squirrel and other varieties. In recent years the state has exercised strict supervision over the killing of game, and such protective measures as have been adopted and enforced have had the effect of increasing the supply of many kinds of the larger game birds and animals which were in danger of extinction. There is open season on practically all game, and the regulations under which game may be killed may be obtained from the state game and fish commissioner at the state capitol.

Game Refuges—There are now within the state 27 protected areas in which game may not be killed at any time, except certain predatory animals, which may be trapped or hunted under special permits granted by the state game and fish commissioner. These areas comprise 3,587,585 acres, of which 2,642,280 are within the boundaries of national forests. The areas are known as game refuges, or sanctuaries, the following having been created by the state legislature in 1921:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The legislature in 1931 enlarged the area of the Newlon Creek refuge in Fremont county and created two new refuges, the Two Buttes refuge in southern Prowers county and the Carrizo refuge in the southwestern part of Baca county.

The legislature in 1933 created four additional refuges, as follows:

Crystal Creek game refuge, southwest of Buena Vista, in Gunnison and Chaffee counties.

Apache game refuge, southwest of Pueblo, in Pueblo county, in the San Isabel national forest.

Bear Creek and Tower Mountain refuge, in Ouray county.

Holy Cross refuge, in Eagle county in the Holy Cross national forest.

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

Total disbursements by the state auditor on account of the game and fish department for fiscal years indicated are as follows:

1919	$ 76,835.52
1920	135,456.97
1921	144,938.81
1922	178,405.28
1923	150,526.06
1924	207,779.06
1925	186,589.50
1926	334,953.00
1927	276,413.75
1928	288,220.59
*1929 to June 30	186,013.74
*1930 (June 30)	318,847.38
1931	276,421.79

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

HUNTING AND FISHING LICENSES SOLD IN COLORADO, BY YEARS

(State Game and Fish Commissioner)

YEAR	Resident Licenses			Non-Resident Licenses				
	Combination Hunting and Fishing	Big Game	Elk	Fishing	Hunting	Big Game	Elk	Total
1920	86,371	15,951	....	5,387	138	67	....	107,914
1921	89,598	8,337	....	2,445	117	42	....	100,539
1922	72,333	6,960	....	2,480	104	29	. . .	81,906
1923	71,254	6,891	....	2,954	102	26	....	81,227
1924	80,735	7,979	....	5,223	178	46	....	94,161
1925	84,852	8,411	....	6,459	249	47	....	100,018
1926	88,570	8,956	....	7,374	306	65	....	105,271
1927	93,355	9,383	....	8,653	353	70	....	111,814
1928	95,512	11,793	....	8,769	301	119	....	116,494
1929	96,432	13,652	....	9,882	227	170	....	120,363
1930	96,495	14,393	....	9,648	134	198	....	120,868
1931	87,587	13,046	3,865	8,272	182	120	9	113,081
1932	68,140	9,536	....	5,922	89	57	....	83,744
1933	58,159	9,330	....	5,664	90	80	....	73,323

HOLIDAYS IN COLORADO

The laws of Colorado provide for the following legal holidays in the state:

January 1—New Year's Day.

February 12—Lincoln's birthday.

February 22—Washington's birthday.

May 30—Decoration day.

July 4—Independence day.

August 1—Colorado day.

September—First Monday, Labor day.

October 12—Columbus day.

November—First Tuesday after first Monday, general election day.

November 11—Armistice day.

November—Thanksgiving day, by proclamation, last Thursday.

December 25—Christmas day.

Arbor day is not a legal holiday, but is set apart for observance by proclamation for the third Friday in April. It is a public school holiday.

Good Roads day is not a legal holiday, but is set apart by proclamation for the second Friday in May.

Saturday, from 12 o'clock noon until midnight, is a legal holiday during June, July and August in every city having 25,000 or more population.

When any legal holiday falls on Sunday, then the Monday following is considered the legal holiday.

LEGAL EXECUTIONS

Forty-five legal executions have taken place in Colorado between November 6, 1890, and December 1, 1933, inclusive. These were by years as follows:

*1890	1
1891	3
1892	1
1895	3
1896	4
1905	4
1907	1
1908	2
1912	1
1915	1
1916	2
1920	1
1922	1
1924	1
1926	2
1928	2
1930	7
1931	4
1932	2
1933	2
Total	45

*For part of year.

Irrigation and Drainage

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

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

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

The first formal decree of appropriation for irrigation water, accord-

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

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

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

The administration of the public water supplies of the state is in the hands of a state engineer. For the purpose of administering the waters, the state is divided into seven divisions, each in charge of a division engineer; the divisions in turn are divided into districts, of which there are 68 in the state, each in charge of a water commissioner. The state engineer is appointed by the governor, subject to civil service regulations; the division engineers are appointed by the governor, with the approval of the senate; and the water commissioners are appointed by the governor upon the recommendation of the county commissioners of the counties included in each district, all subject, of course, to civil service regulations prescribed by constitutional amendment and by statute, after the acts designating methods of appointing these officials were passed.

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

There were 59,956 farms in the state reported by the 1930 census, of which 31,288, or 52.2 per cent, were irrigated in whole or in part. All land in farms comprised 28,876,171 acres, of which 3,393,619 acres, or 11.8 per cent, was irrigated. The number of irrigation enterprises in the state in 1930 was 6,509, representing an investment of $87,603,240. Of this number, 5,926 were individual and partnership enterprises; 531 were co-operative; 15 were irrigation districts; one was a Carey act project; 28 were commercial; and the remainder were United States reclamation, city and other projects.

The co-operative projects represented an investment of $45,651,717. An accompanying table gives a summary of irrigation development in 1930, with comparative figures for 1920, and the amount and per cent of increase.

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

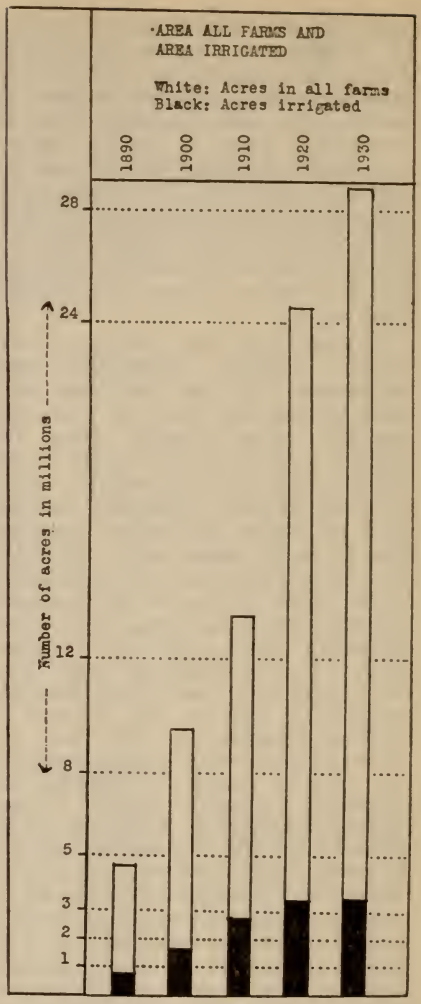
Dams, number:	
Diversion	3,672
Storage	706
Main canals:	
Capacity, sec.-ft.	123,652
Length, miles	15,355
Lateral canals:	
Length, miles	6,026
Reservoirs:	
Number	765
Capacity, acre-ft.	1,924,982
Pipe lines:	
Length, miles	132
Flowing wells:	
Number	621
Capacity, g. p. m.	39,644
Pumped wells:	
Number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

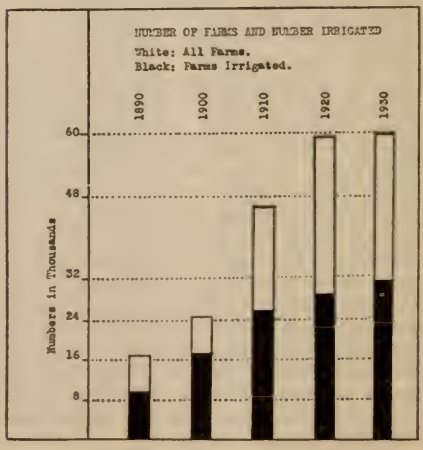
The investment in irrigation enterprises, as reported for census years, and the average per acre, based on the area the enterprises were capable of supplying with water, is as follows:

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

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

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





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

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

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

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

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

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

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

IRRIGATION; SUMMARY OF STATE FOR 1930 AND 1920, WITH INCREASES
(Compiled from Census Reports)

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

*Irrigable area, 1930; total area, 1920.
†Figures not available.
‡Based on area enterprises were capable of supplying with water.
—Denotes decrease.

INVESTMENT IN IRRIGATION ENTERPRISES, 1930 AND 1920, BY COUNTIES

(Compiled from Census Reports)

COUNTY	Investment to Jan. 1		Av. Per Acre, Based on Area Enterprises Were Capable of Supplying with Water		Estimated Final Investment in Enterprises		Av. Per Acre, Based on Est. Final Invest-ment and Irri. Area 1930
	1930	1920	1930	1920	1930	1920	
Adams	$ 2,758,737	$ 2,436,771	$ 24.53	$ 35.80	$ 2,759,587	$ 2,557,121	$ 21.06
Alamosa	586,296	416,305	5.75	2.47	587,296	458,952	3.23
Arapahoe	606,503	597,099	19.89	22.84	608,003	600,299	18.40
Archuleta	157,089	168,635	8.11	12.69	158,389	170,285	6.75
Baca	408,375	572,553	108.06	47.63	408,375	572,553	105.96
Bent	1,123,422	2,773,601	17.25	20.80	1,126,222	2,797,201	16.45
Boulder	1,703,651	1,774,922	9.37	10.16	1,790,211	1,850,662	9.72
Chaffee	517,909	261,368	16.82	8.68	518,909	265,083	15.41
Conejos	1,478,246	1,155,162	9.78	7.58	1,481,096	1,156,632	9.02
Costilla	1,687,160	1,389,816	15.34	31.65	1,692,260	1,403,066	14.98
Crowley	1,994,077	2,587,043	28.50	44.05	2,043,894	2,593,508	26.81
Custer	86,292	75,431	3.42	2.25	87,142	76,596	3.42
Delta	3,439,560	4,168,137	25.43	32.70	3,719,185	4,320,091	26.32
Denver	80,095	47,386	89.79	11.85	80,095	47,386	89.79
*Dolores	4,530	549,070	6.38	232.56	4,530	729,020	5.73
Douglas	392,242	207,786	41.04	20.00	392,642	208,286	39.35
Eagle	566,620	285.282	17.75	9.18	607,170	307,432	17.56
Elbert	130,450	25,561	20.77	14.28	130,450	39,961	19.76
El Paso	411,844	901,461	12.14	40.89	411,844	921,461	12.10
Fremont	945,663	1,761,518	29.59	49.35	951,418	1,889,558	25.80
Garfield	983,360	1,134,502	12.22	12.09	988,835	1,170,827	9.92
Grand	372,095	534.913	8.79	12.41	405,045	547,713	7.33
Gunnison	358,025	462,748	7.45	8.82	364,575	472,998	7.32
Hinsdale	1,269,972	395,752	212.23	102.00	1,319,972	395,752	199.90
Huerfano	283,324	1,061,777	6.42	33.06	287,824	1,083,232	6.22
Jackson	695,090	784,326	4.95	5.25	963,030	1,043,826	5.92
Jefferson	2,500,326	1,231,205	42.59	16.72	2,510,326	1,268,125	41.42
Kiowa	325,800	251,500	324.18	120.18	335,800	337,200	226.13
Kit Carson	1,910	†	2.89	----	1,910	†	2.79
Lake	8,970	33,696	2.11	4.75	8,970	33,696	2.11
La Plata	1,039,896	938,864	8.87	12.00	1,240,216	978,214	9.42
Larimer	7,514,401	6,236,866	41.54	33.17	7,516,971	6,473,663	40.95
Las Animas	2,058,902	401,720	42.76	9.16	2,319,602	455,470	42.90
Lincoln	2,950	†	6.56	----	2,950	†	3.17
Logan	3,072,572	3,593,889	24.86	33.93	3,081,072	3,596,039	24.20
Mesa	6,620,956	7,319,055	37.22	52.24	7,273,473	8,155,335	34.75
Mineral	24,250	81,683	7.65	8.21	32,050	102,243	6.39
Moffat	381,417	366,301	12.79	15.12	388,497	386,226	10.90
Montezuma	4,932,595	1,846,679	59.28	41.23	5,959,445	2,446,679	60.76
Montrose	6,944,017	6,788,758	66.07	54.79	7,139,617	7,286,466	62.27
Morgan	2,784,109	2,600,735	24.14	16.91	2,804,109	2,604,785	22.22
Otero	2,782,085	4,157,535	26.23	33.29	2,788,085	4,438,935	23.30
Ouray	213,491	197,689	9.11	8.56	216,016	197,758	6.87
Park	211,435	175,670	4.64	3.38	211,485	176,080	4.52
Pitkin	300,660	208,324	11.97	13.73	309,060	214,324	12.07
Prowers	2,319,500	1,160,422	18.27	14.24	2,319,825	1,163,412	17.68
Pueblo	2,459,925	3,645,462	25.33	41.10	2,748,525	3,919,262	22.24
Rio Blanco	488,770	355,617	14.19	10.86	515,990	372,882	13.09
Rio Grande	1,357,907	981,136	7.85	4.32	1,358,007	982,914	7.29
Routt	523,065	572,873	6.74	9.37	532,240	613,908	6.12
Saguache	587,809	450,609	3.30	2.94	588,409	531,614	3.19
*San Miguel	550,484	676,100	25.41	29.64	672,644	797,700	12.47
Sedgwick	802,360	716,215	33.45	31.07	802,860	716,215	32.66
Summit	84,960	103,581	7.48	9.43	84,960	103,631	7.48
Teller	3,965	12,141	6.29	7.88	3,965	12,141	5.71
Washington	988,116	78,966	84.42	7.82	992,116	80,166	84.40
Weld	12,621,370	16,417,224	25.26	41.52	13,144,670	18,892,937	23.13
Yuma	43,260	83,908	11.35	8.24	43,500	89,908	10.96
All Other Counties	10,440	89,094	17.03	63.91	10,440	90,994	17.03
State	$87,603,240	$88,302,442	$ 21.48	$ 22.90	$91,845,804	$95,198,423	$ 20.28

*Part of Dolores annexed to San Miguel in 1925.
†Included in "All Other Counties."

IRRIGATION WORKS IN 1930 AND 1920 BY COUNTIES

(Compiled from Census Reports)

COUNTY	Number Enterprises		Length, Main Canals and Laterals (Miles)		Number Reservoirs		Capacity Reservoirs (Acre feet)	
	1930	1920	1930	1920	1930	1920	1930	1920
Adams	150	59	304	366	7	11	44,245	68,551
Alamosa	49	57	548	355	---	2	------	12,527
Arapahoe	24	37	97	218	1	6	232	73,866
Archuleta	124	97	201	185	3	5	869	665
Baca	4	7	29	27	1	4	35,000	33,726
Bent	37	30	719	1,110	3	17	62,756	339,402
Boulder	92	151	582	1,467	24	44	43,974	33,282
Chaffee	118	157	300	439	2	3	11,440	20
Conejos	172	159	662	683	2	5	24,000	34,968
Costilla	103	46	357	537	5	6	130,943	132,860
Crowley	22	24	116	212	19	18	66,577	8,593
Custer	126	202	238	338	2	1	280	5
Delta	276	298	799	997	129	115	35,537	39,284
Denver	5	4	14	20	---	---	------	------
*Dolores	10	22	13	58	---	4	------	19,630
Douglas	95	94	126	213	9	17	15,335	4,287
Eagle	196	186	330	447	8	15	3,378	1,468
Elbert	17	22	54	62	9	5	4,537	6,755
El Paso	93	63	172	192	16	29	8,741	13,103
Fremont	186	179	245	330	20	31	7,260	6,972
Garfield	291	323	736	1,242	16	26	20,572	7,594
Grand	155	166	415	579	21	25	3,641	3,137
Gunnison	227	382	409	736	3	6	77	460
Hinsdale	53	52	51	104	5	2	126,400	43,500
Huerfano	313	267	388	621	12	34	1,446	12,027
Jackson	149	145	570	822	15	9	16,714	15,159
Jefferson	57	105	269	381	43	25	35,994	8,178
Kiowa	5	6	1	52	6	4	266,202	32,118
Kit Carson	6	‡	9	‡	2	‡	1	‡
Lake	24	20	24	52	2	---	54,452	------
La Plata	324	211	769	704	1	5	30	15
Larimer	228	171	824	982	68	69	162,500	181,515
Las Animas	111	176	297	401	6	21	47,089	429,105
Lincoln	5	‡	20	‡	10	‡	804	‡
Logan	39	39	551	511	6	7	107,159	116,108
Mesa	221	213	761	1,012	58	60	16,584	19,201
Mineral	29	42	37	82	---	2	------	2,311
Moffat	101	127	274	696	12	18	2,022	1,569
Montezuma	140	102	502	424	12	9	16,786	17,680
Montrose	76	103	841	813	14	14	13,144	8,335
Morgan	35	39	476	370	4	10	86,772	86,680
Otero	23	26	478	758	5	10	35,347	36,659
Ouray	152	96	255	213	2	---	156	------
Park	199	213	341	460	2	1	26,002	8
Pitkin	104	76	254	228	2	3	1,011	19
Prowers	39	29	919	489	2	5	47,155	53,613
Pueblo	233	264	379	896	27	61	56,940	109,534
Rio Blanco	166	189	400	506	8	24	1,116	4,028
Rio Grande	206	159	773	721	2	4	54	30,150
Routt	374	310	700	687	30	50	19,951	5,432
Saguache	196	212	630	863	4	14	336	8,854
*San Miguel	64	67	235	413	6	3	6,046	5,066
Sedgwick	5	7	82	94	---	2	------	27,219
Summit	64	79	99	157	1	---	3	------
Teller	10	25	9	83	---	1	------	40
Washington	6	8	52	60	1	3	32,300	268
Weld	225	238	1,606	1,990	88	103	224,056	310,059
Yuma	14	26	34	103	7	4	261	30
All Other Counties	17	17	5	31	2	7	755	737
State	†6,585	6,634	21,381	27,593	765	979	1,924,982	2,406,372

*Part of Dolores annexed to San Miguel in 1925.

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

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

IRRIGATED FARMS; NUMBER, LAND AREA, AREA IRRIGATED, AND AREA ENTERPRISES WERE CAPABLE OF SUPPLYING WITH WATER, BY COUNTIES AND YEARS.
(Compiled from Census Reports)

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

COUNTY	Number of Irrigated Farms		Land in Irrigated Farms 1930 (Acres)	Area Irrigated (Acres)		Area Enterprises Were Capable of Supplying with Water (Acres)		Irrigable Area in Enterprises 1930 (Acres)
	1930	1920		1929	1919	1930	1920	
Adams	1,057	740	135,866	66,826	66,407	112,471	68,065	131,008
Alamosa	484	281	207,907	141,489	89,805	156,249	168,625	182,069
Arapahoe	516	477	40,142	29,526	25,674	30,496	26,137	33,043
Archuelta	163	185	101,543	16,225	11,933	19,371	13,289	23,480
Baca	34	23	26,675	2,819	2,287	3,779	12,020	3,854
Bent	518	438	147,679	64,338	128,712	65,122	133,372	68,451
Boulder	1,201	1,200	152,867	159,428	159,781	181,896	174,736	184,185
Chaffee	291	313	68,015	26,938	29,623	30,797	30,113	33,676
Conejos	1,201	734	199,054	119,049	139,504	151,218	152,346	164,223
Costilla	551	431	319,786	48,272	36,771	109,957	43,906	112,965
Crowley	452	447	99,221	56,271	57,789	69,971	58,735	76,248
Custer	158	165	130,043	23,295	24,241	25,262	33,548	25,445
Delta	1,678	1,680	173,938	107,333	93,509	135,234	127,469	141,315
Denver	133	118	1,758	892	4,000	892	4,000	892
*Dolores	16	21	5,065	630	1,023	710	2,361	790
Douglas	96	108	109,233	6,474	8,696	9,557	10,391	9,978
Eagle	290	277	134,840	28,221	30,025	31,925	31,073	34,576
Elbert	7	12	12,411	2,487	1,175	6,282	1,790	6,602
El Paso	156	143	197,816	20,693	18,143	33,911	22,047	34,046
Fremont	1,015	827	188,419	25,655	29,884	31,957	35,697	36,873
Garfield	873	829	208,982	69,799	73,473	80,472	93,814	99,701
Grand	203	237	200,214	28,649	39,857	42,343	43,092	55,255
Gunnison	299	335	182,454	41,474	48,280	48,080	52,467	49,811
Hinsdale	34	29	15,633	5,212	3,675	5,984	3,880	6,603
Huerfano	383	418	300,088	30,974	29,081	44,129	32,119	46,260
Jackson	176	156	302,888	113,840	136,942	140,475	149,325	162,730
Jefferson	1,320	1,141	110,947	58,124	70,788	58,700	73,635	60,607
Kiowa	3	12	9,580	270	418	1,005	2,083	1,485
Kit Carson	5	†	11,340	650	†	660	†	685
Lake	27	29	15,034	4,242	6,397	4,242	7,088	4,242
La Plata	871	860	244,789	94,532	63,755	117,186	78,227	131,706
Larimer	1,499	1,486	537,255	173,078	169,356	180,879	188,047	183,571
Las Animas	531	530	633,022	32,092	40,400	48,153	43,857	54,071
Lincoln	7	†	84,490	185	†	450	†	930
Logan	617	397	260,966	111,378	85,079	123,616	105,916	127,318
Mesa	2,413	2,060	270,166	136,488	102,607	177,904	140,104	209,308
Mineral	32	28	20,810	2,563	6,865	3,172	9,950	5,015
Moffat	167	103	188,447	17,938	17,439	29,821	24,224	35,631
Montezuma	626	616	143,005	62,146	44,083	83,203	44,795	98,078
Montrose	1,238	1,294	199,966	84,058	94,757	105,100	123,905	114,648
Morgan	845	777	216,334	105,277	132,231	115,333	153,796	126,196
Otero	1,120	1,157	203,359	87,981	120,198	106,066	124,879	119,646
Ouray	156	142	95,820	20,401	14,016	23,431	23,092	31,430
Park	125	122	364,004	44,038	49,793	45,570	52,029	46,795
Pitkin	154	153	50,292	17,501	12,994	25,118	15,172	25,612
Prowers	729	660	168,730	111,634	76,322	126,955	81,508	131,195
Pueblo	935	995	749,730	69,211	75,454	97,122	88,699	123,567
Rio Blanco	234	278	209,671	30,526	28,046	34,438	32,742	39,416
Rio Grande	692	584	195,505	161,191	206,258	172,997	227,167	186,267
Routt	453	428	274,801	58,839	50,735	77,571	61,123	87,022
Saguache	416	390	400,113	163,815	137,581	178,052	153,391	184,412
*San Miguel	115	154	92,079	18,249	18,634	21,661	22,811	53,945
Sedgwick	161	130	93,891	22,375	21,510	23,985	23,050	24,580
Summit	52	67	28,836	9,204	9,831	11,354	10,986	11,354
Teller	12	26	12,830	550	1,464	630	1,540	695
Washington	68	51	27,515	11,120	9,335	11,705	10,095	11,755
Weld	3,612	3,398	761,920	443,915	382,701	499,675	395,444	568,407
Yuma	49	29	36,461	2,725	8,254	3,805	10,182	3,970
All Other Counties	19	35	16,054	514	794	613	1,394	613
State	31,288	28,756	10,390,299	3,393,619	3,348,385	4,078,712	3,855,348	4,528,251

*Part of Dolores annexed to San Miguel in 1925.
†Included in "All Other Counties."

Farm Drainage and Drainage Enterprises

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

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

FARMS REPORTING DRAINAGE AND FARM LAND DRAINED, 1930 AND 1920; NUMBER OF FARMS AND LAND AREA, 1930

(Compiled from Census Reports)

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

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

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

*Included in "All Other Counties."

DRAINAGE ENTERPRISES BY COUNTIES, 1930 AND 1920

(Compiled from Census Reports)

COUNTY		Land in Enterprises (Acres)	Condition of Land		Capital Invested in Enterprises	Estimated Cost When Completed	
			Improved (Acres)	Unimproved (Acres)		Amount	Average Per Acre
Alamosa	1930	33,845	19,443	14,402	$ 308,494	$ 308,494	$ 9.11
	1920	†	†	-----	†	†	†
Bent	1930	23,112	22,772	340	259,150	259,150	11.21
	1920	11,550	8,736	-----	99,500	110,500	9.57
Conejos	1930	36,871	21,540	15,331	581,400	581,400	15.77
	1920	17,100	9,163	-----	253,907	343,907	20.11
Crowley	1930	28,867	28,282	585	519,000	519,000	17.98
	1920	†	†	-----	†	†	†
Mesa	1930	73,831	64,763	9,068	1,164,568	1,201,568	16.27
	1920	50,640	30,640	-----	224,805	312,000	6.16
Otero	1930	14,445	11,868	2,577	352,000	352,000	24.37
	1920	4,539	4,196	-----	141,000	156,000	34.37
Prowers	1930	47,593	47,593	-----	539,050	539,050	11.33
	1920	38,040	30,359	-----	126,000	126,000	3.31
Rio Grande	1930	65,010	57,330	7,680	410,724	410,724	6.32
	1920	27,000	23,650	-----	108,200	108,200	4.01
Saguache	1930	33,220	19,240	13,980	82,080	82,080	2.47
	1920	†	†	-----	†	†	†
*Other Counties	1930	9,925	9,192	733	142,400	142,400	14.35
	1920	22,787	16,287	-----	128,463	128,463	5.64
†State	1930	366,719	302,023	64,696	$4,358,866	$4,395,866	$11.99
	1920	171,656	123,031	-----	1,081,875	1,285,070	7.49

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

†Included in "Other Counties."

RELATED RUNOFF FOR COLORADO STREAMS

For Period October 1, 1932, to September 30, 1933

(Compiled by the State Engineer)

MAY, 1934

STREAM	Total Runoff		July to Sept. (incl.) Runoff		Number Years Record
	Acre-Feet	Per Cent of Mean	Acre-Feet	Per Cent of Mean	
South Platte at South Platte*	273,000	99	79,300	78	42
Clear Creek near Golden	190,000	105	65,800	103	24
St. Vrain at Lyons	98,300	98	24,200	77	46
Cache la Poudre at Canon Mouth	277,000	88	77,200	88	42
Arkansas at Canon City	389,000	72	113,800	70	46
Purgatoire at Trinidad	45,070	63	19,930	69	26
Rio Grande near Del Norte	499,540	70	145,800	81	44
Saguache Creek near Saguache	37,000	60	11,070	64	23
Conejos near Mogote	214,000	76	47,770	77	31
Colorado River at Glenwood Springs†	1,920,000	86	178,500	34	34
Fraser near West Portal†	32,700	100	9,470	97	23
Blue near Dillon†	70,000	76	20,500	69	23
Dolores at Dolores	213,350	56	33,620	66	24
San Miguel at Placerville	138,000	77	34,570	65	7
Yampa at Steamboat Springs	342,000	92	23,100	57	28
White near Meeker	485,000	100	91,400	93	30

*Corrected for storage.

†Station maintained by State Engineer's Office in cooperation with U. S. G. S.

United States Reclamation Projects

THERE are in Colorado two great irrigation systems constructed by the United States reclamation service for the irrigation of arid lands in Mesa, Montrose and Delta counties, on the Western Slope. These two projects, which eventually will bring under irrigation approximately 135,000 acres, will represent a total investment of $11,000,000. At the present time they are maintaining a population of 7,300 on the farms, and including the towns within the districts, the population is well above 15,000.

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

1928	$2,817,798
1929	2,785,257
1930	2,078,435
1931	1,724,040
1932	949,872
1933	1,650,093

The area farmed in 1933 was approximately 78,719 acres, which compares with 78,466 acres in 1932, 79,561 acres in 1931 and 78,000 acres in 1930. Within the limits there were in 1933, 5,109 horses and mules, 7,263 dairy cattle, 8,251 beef cattle, 11,732 swine, 25,934 sheep and 111,943 poultry.

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

THE GRAND VALLEY PROJECT

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

Approximately 18,800 acres of the gravity division is now being farmed and in 1933 produced crops with a value of $329,972, or an average of $21.75 per acre cropped. The principal crops were alfalfa, sugar beets, beans, tomatoes, potatoes and grains. The livestock census for 1933 shows that there were on this area 1,000 horses and mules, 345 beef and 1,207 dairy cattle, 1,123 sheep, 3,188 swine, 3,000 turkeys and 14,180 hens. There are 300 families, with a total population of 1,309 residing on the farms.

At the present time there are 1,800 acres of government homestead land within the gravity division of the project and 3,800 acres within the pumping division, but none of the acreage is open to filing at this time. It is estimated that there are 3,000 acres of privately owned land within the gravity division and 4,700 acres under the pumping division which can be purchased with a small cash payment and liberal terms on the balance. The land is generally of good quality.

The cost of the water right for these lands has been established by contract with the United States at $83.45, reduced by certain credits and payable over a period of 40 years without interest. The average maintenance charge is $1.73 per acre annually, subject to change as operation and maintenance costs fluctuate.

In addition to this project the reclamation bureau has completed the reconstruction of the irrigation system for an area of 10,000 acres of land in the Orchard Mesa irrigation district. A total expenditure of nearly $1,000,000 insures an adequate and dependable water supply for the highly fertile land, of which 6,700 acres is now in a high state of cultivation, nearly 3,500 acres being idle. This district offers unusual opportunities for fruit growing and general farming.

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

THE UNCOMPAHGRE PROJECT

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

A total of 59,919 acres was farmed under the project in 1933, and total crop production was valued at $1,320,-

121. The principal crops in the order of their importance were as follows: Alfalfa, wheat, potatoes, sugar beets, oats, corn, onions, apples and beans. Based on irrigable acreage, the average size of farms under the project is 40.0 acres, and based on acreage actually irrigated 35.5 acres. The livestock census within the area showed 4,109 horses, 5,956 dairy cattle, 7,906 beef cattle, 8,544 swine, 24,811 sheep and 94,763 hens and other poultry.

The farm population of the project is estimated at 5,991 and the town population, including Montrose, Olathe and Delta, at 7,097—a total population of 13,088 people wholly or partially dependent upon the irrigation of lands within its limits. The assessed valuation of all real and personal property in the project was about $6,000,000 in 1933.

There are only a few acres of government homestead land available in the project, but privately owned lands may be secured by purchase. The United States government exercises no restriction relative to the sale of such privately owned lands except that water rights for such land cannot be granted in excess of 160 irrigable acres. The terms upon which such land can be purchased depend entirely upon the individual transaction, and the price is based largely on the improvements, type of soil and location. The general character of the available land ranges from fair to excellent, two types of soil prevailing. On the west side of the Uncompahgre river the land consists generally of sandy loams, underlaid with gravel, while on the east side of the river the adobe type of soil predominates.

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

Operation and maintenance charges in effect for 1934 provide for a minimum charge of $1.75 per acre annually for lands on the west side of the Uncompahgre river, entitling such lands to five acre-feet of water, and a minimum charge of $1.40 per acre annually for lands on the east side of the Uncompahgre river, entitling such lands to four acre-feet of water. Excess water over these amounts is furnished at the rate of 35 cents per acre-foot.

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

Climatological Data

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

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

A person breathes more deeply in a light atmosphere than in a locality where it is more dense, in order to fill the lungs with the quantity of oxygen necessary for the body. This is done automatically, without conscious effort, and causes all parts of the lungs to expand to full capacity. That is why climatic conditions in Colorado are considered especially beneficial to persons with a tendency toward pulmon-

ary troubles. In lower altitudes parts of the lungs may lie dormant in persons of sedentary habits and thereby become susceptible to disease.

TEMPERATURE

There is a wide variation in the normal monthly and annual mean temperature in different areas of the state, due to the high and low altitudes and other factors. It is apparent to a casual observer that it is much colder upon the top of a high mountain than in the lower plains. Altitude, therefore, is one factor. Exposed areas are more susceptible, also, to varying conditions than areas protected from severe winds by surrounding mountains. Because of these varying conditions, a general statement concerning the temperature of the state conveys little meaning. Records maintained by the weather bureau over a period of 45 years give the state a mean temperature of 44.9 degrees. In this period of time the highest temperature recorded was 115 degrees, in 1888, and the lowest was 54 degrees below zero, in 1913 and again in 1930.

The weather-reporting station of lowest mean annual temperature is at Fraser, in Grand county, where the yearly average is 32 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.

A table is published in this volume showing normal monthly and annual mean temperatures at 78 stations in as many different localities, which affords more comprehensive information upon the subject. Another table gives the mean temperature at 58 stations in Colorado for 1933 with departure from normal, and another table shows the highest and lowest temperatures recorded at these stations during the year and the dates of their occurrence.

PRECIPITATION

The mean annual precipitation in the state as a whole, based on records over a period of 46 years, is 16.62 inches. Like the temperature, however, there is considerable variation in different areas. Heavy rainfalls, equalling or exceeding 0.25 inches in one hour, occur at Denver on an average of four times a year; at Pueblo, six times; and at Grand Junction, two times, and these usually result from thunderstorms. A rainfall of one inch or more in 24 hours is probable at Denver and Pueblo about twice a year, and at Grand Junction once in two years. Heavy rains are most apt to occur in eastern Colorado in late spring and in midsummer, but at Grand Junction October has two-fifths of all such occurrences. At higher elevations the season with rains is shorter and as a consequence there does not appear to be much difference in the number of rainfalls of one inch or more per day.

A table is published herewith giving the normal monthly and annual precipitation in inches at 77 stations in all sections of the state, and the length of record in years. Another table gives the precipitation in inches in 1933 at 58 stations and the departure from normal. A third table shows the greatest and least monthly precipitation during 1933 at the same stations and the dates of their occurrence.

HUMIDITY

Relative humidity of the atmosphere has no effect on the temperature but does have an important effect on the sensitiveness of the human body to the temperature. Colorado has a relatively low humidity and for that reason a person does not feel cold weather to as great an extent as he would in a place where the humidity is high. Relative humidity is the ratio of the vapor actually present in the atmosphere to the greatest amount the air could possibly contain at a given temperature. Complete saturation is designated as 100 per cent humidity. Relative humidity at Denver at noon over a period of 15 years averages 39 per cent. In other words, the air at Denver at noon contains on an average only 39 per cent of the moisture it could possibly contain.

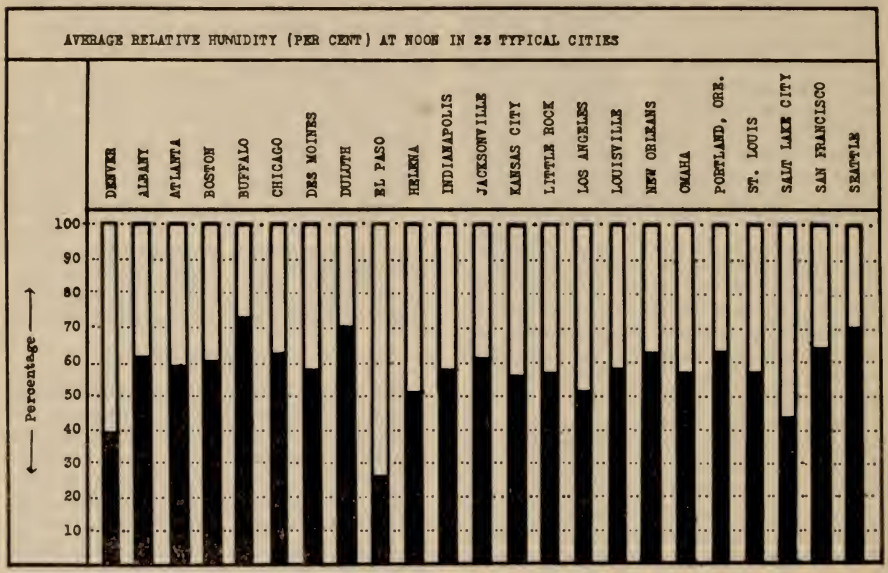
The average relative humidity over a period of years at the noon hour in 22 typical American cities compare with Denver as follows:

	Per cent
Denver	.39
Albany	.62
Atlanta	.59
Boston	.61
Buffalo	.73
Chicago	.63
Des Moines	.58
Duluth	.70
El Paso	.31
Helena	.51
Indianapolis	.58
Jacksonville	.61
Kansas City	.56
Little Rock	.57
Los Angeles	.51
Louisville	.58

	Per Cent
New Orleans	.63
Omaha	.57
Portland, Ore.	.63
St. Louis	.57
Salt Lake City	.44
San Francisco	.64
Seattle	.70

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.

An accompanying chart shows the average per cent of moisture in the air at Denver at noon, compared with 22 other cities.



THUNDERSTORMS

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

VELOCITY OF WINDS

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

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

The average velocity of the wind in Denver is 7.4 miles per hour, the prevailing direction being from the south. March and April are the windiest months, the average being 8.1 and 8.3 miles per hour and August and September are the least windy.

Revised weather bureau records show that the highest velocity ever recorded in Denver was 58 miles an hour, on August 6, 1877. Wind with a velocity of 3 to 5 miles an hour is classed as light air; of 10 miles an hour, a light breeze; of 20 miles an hour, a gentle breeze; of 70 miles an hour, a storm; and 80 miles an hour, a hurricane. Under this classification, it will be observed that the wind of August 6, 1877, did not quite reach the velocity of a storm. The force of that storm was approximately 15,000 pounds per square foot. The wind traveled at the rate of about 5,200 feet a minute.

On the average the wind velocity equals or exceeds 20 miles per hour at Denver on 143 days in the year, at Pueblo on 120 days, and at Grand Junction on 87 days. The period of greatest frequency appears to be from March to July, generally reaching a maximum in May. A wind velocity of 40 or more miles per hour occurs, on the average, seven times a year at

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

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, 10,215 feet above sea level, is in a district where the snowfall has averaged 160.2 inches a year for a period of twenty-one years. Cumbres pass, in Conejos county, at an elevation of 10,015 feet, which is traversed by a railroad, averaged 217.9 inches over a period of eight years. Silverton, San Juan county, elevation 9,302 feet, averaged 223.2 inches for a period of six years. Telluride, San Miguel county, elevation 8,500 feet, averaged 171.0 inches for nine years. Breckenridge, in Summit county, elevation 9,579 feet, averaged 183.8 inches a year over a period of nineteen years.

The precipitation of unmelted snow in the state as a whole averages 78.3 inches per year, based on record of 40 years. The average number of days per year with a snowfall of five inches or more is at Denver, two; at Pueblo, one; and at Grand Junction once in two years. A ten-year record at Ruby, in Gunnison county, elevation 9,850 feet, shows that five inches or more of snow falls in 24 hours on an average of 37 times annually. Snow is on the ground continuously at Ruby on an average from October 18 to May 30; the average of maximum winter depths is 121 inches and the extreme depth 254 inches. On the average a measurable amount of snow remains on the ground at Denver 54 days in the year and at Grand Junction 32 days.

A table published herewith gives the total snowfall in inches at 58 stations in 1933.

GLACIERS

The snow which falls in the mountains during the winter does not all melt in the following summer. When it packs hard in the ravines and remains for many years it forms glaciers. Colorado has a number of glaciers, one of the largest being the Arapahoe glacier at the crest of the Continental Divide between North and South Arapahoe peaks at an altitude of 13,500 feet, in the Roosevelt (formerly Colorado) national forest. In a former geological age it extended down towards the plains but now is about a mile wide. It flows at the rate of 27½ feet per year and its

melting gives rise to a chain of beautiful lakes in the valley below. The St. Vrain glacier, on the east side of Mt. Hiamova, is supposed to contain the oldest ice of the group—that melting in current years having been deposited as snow many centuries ago.

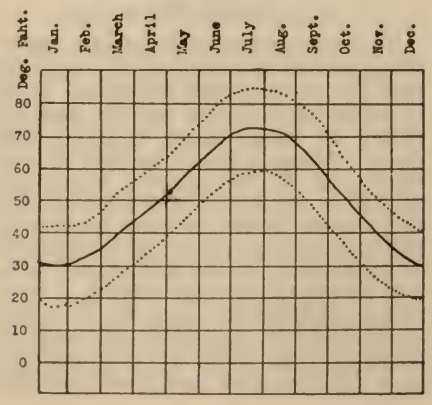
DENVER WEATHER CONDITIONS

Denver, being close to the center of the state and of approximately the same altitude as the principal cities, furnishes a fairly accurate index of weather conditions in Colorado. J. M. Sherier, meteorologist of the United States weather bureau, has compiled a chart showing average climatic data for Denver from 1872 to 1933, inclusive, a period of 62 years. The average temperature in degrees Fahrenheit for the 60 years is is follows:

Month	Max.	Min.	Min. Av.
January	42.7	18.0	30.4
February	44.7	20.8	32.7
March	51.2	26.9	39.1
April	59.6	35.2	47.4
May	68.8	44.2	56.5
June	80.2	53.2	66.7
July	85.4	59.0	72.2
August	84.1	57.8	71.0
September	76.5	48.9	62.7
October	64.4	37.8	51.1
November	52.5	27.4	40.1
December	44.1	19.9	32.6
Year	62.8	37.3	50.2

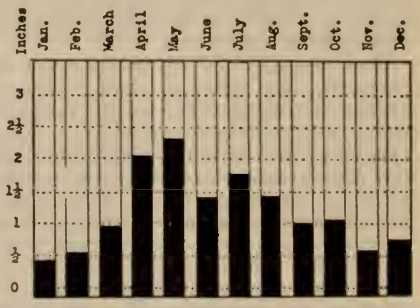
The highest temperature recorded in Denver during the 62 years was in August, 1878, when the thermometer registered 105 degrees, and the lowest was in January, 1875, when the temperature dropped to 29 degrees below zero. The thermometer never reached zero from April to September, inclusive, in the 62 years, and went below zero in October only once, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

The following chart shows the average maximum and minimum mean temperature over a period of 60 years, the solid black line being the average by months, and the dotted lines above and below, the maximum and minimum mean temperature by months.



The average yearly rainfall in Denver during the 62 years was 14.10 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 62 years was 6.53 inches in May, 1876, and the maximum for any year was 22.96 inches, in 1909. The average snowfall is 56 inches, March, December and April being the months showing the heaviest records.

On July 14, 1912, a total of 0.91 inch of rain fell in Denver in five minutes, the absolute maximum over a period of 30 years. On the same day 1.36 inches fell in ten minutes, 1.54 inches in 15 minutes and 1.72 inches in 30 minutes. A rainfall of 2.20 inches in one hour occurred on May 23, 1921. The following chart shows the average monthly precipitation in inches for the period of 62 years.

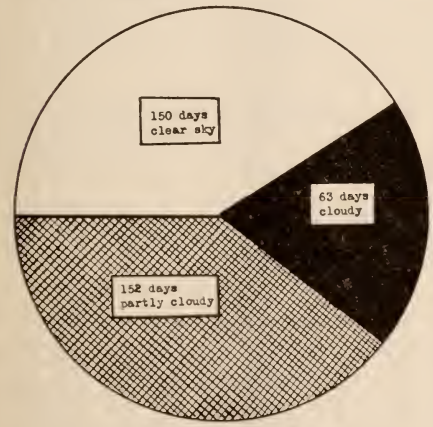


The sun shines 66 per cent of the time in Denver as shown by the records over a period of 61 years. The sky is clear on an average of 150 days out of every 365 and is cloudy only 63 days. It is partly cloudy 152 days in the year.

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

	Clear	Partly Cloudy	Cloudy
Denver	150	152	63
Atlanta	132	108	125
Boston	118	118	129
Buffalo	71	136	165
Chicago	118	126	121
Des Moines	120	124	121
Helena	107	130	128
Indianapolis	104	128	133
Jacksonville	127	141	97
Kansas City	153	114	98
Little Rock	145	110	110
Los Angeles	179	131	55
Louisville	119	121	125
New Orleans	123	140	102
Omaha	134	124	107
Portland, Ore.	92	102	171
St. Louis	139	123	103
Salt Lake City	153	111	101
San Francisco	167	115	83
Seattle	75	112	178

The following chart shows the proportionate division of the year between clear, partly cloudy and cloudy days in Denver:



WEATHER IN 1933

Two tables are published herewith showing precipitation and mean temperature, with departure from normal, at 58 stations in the state in 1933, the highest and lowest temperatures, with the dates of their occurrence, the greatest and least monthly precipitation and the total snowfall. Another table shows the number of rainy days, sky conditions, prevailing direction of the wind and total snowfall for 1933 at these stations.

GROWING SEASONS

The records of the weather bureau show that Grand Junction has the longest growing season of all districts of the state, the average number of days between killing frosts being 186. The southeastern part of the state also has a long growing season, with an average of 165 days between frosts at Holly and 166 days at Lamar. Denver has an average of 160 days. Pagosa Springs has the shortest growing season, with 76 days between frosts. In many of the higher altitudes, where the growing season is seemingly too short to make agriculture possible, crop growth is remarkably rapid and many of the crops mature in considerably less time than is required in other regions. This is true of potatoes, small grains, head lettuce and similar crops.

A table published herewith shows the average dates of the last killing frost in the spring and the first in the fall at 67 stations in the different areas in the state; the average length of the growing season, the latest date of killing frosts in the spring and the earliest date in the fall and the length of record in years.

STATE CONSTITUTIONAL CONVENTION

The enabling act, an act of congress authorizing the inhabitants of the territory of Colorado to form for themselves out of the territory a state government which should be admitted to the Union on an equal footing with the original thirteen states, became a law on March 3, 1875. The constitutional convention elected by the people under the provisions of that act, composed of 38 members, held its first meeting in Denver on December 20, 1875. J. C. Wilson was elected president of the convention, and W. W. Coulson, secretary. The constitution was approved and signed by the convention on Tuesday, March 14, 1876, and ratified by the voters on July 1, 1876. The proclamation admitting Colorado into the Union was signed by President U. S. Grant on August 1, 1876.

A measure providing for the calling of a constitutional convention to prepare a new constitution to be submitted to the electorate was voted upon at the general election on November 4, 1930, and was defeated by a vote of 93,879 for and 97,826 against the proposal.

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

PLACE	COUNTY	Length of Rec. Yrs.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Arriba	Lincoln	14	26.2	29.6	37.6	46.5	55.0	64.9	70.9	70.0	61.8	50.8	37.7	27.2	48.2
Boulder	Boulder	35	32.7	33.(	39.(	48.(	56.(	65.8	71.(	70.4	62.7	51.7	41.8	33.1	50.6
Breckenridge	Summit	19	15.4	15.(	22.4	30.(	39.(	48.6	53.4	53.0	46.6	35.(	25.6	15.2	33.4
Buena Vista	Chaffee	23	22.3	26.(	32.(	39.(	48.6	55.(	60.2	58.0	52.5	42.(	32.0	21.6	41.0
Burlington	Kit Carson	26	27.6	32.0	39.4	48.1	57.6	68.0	73.7	72.5	64.4	52.0	40.2	28.7	50.4
Calhan	El Paso	24	26.6	28.(	34.4	42.5	51.2	61.(	67.4	66.0	58.9	47.2	36.(	26.2	45.6
Canon City	Fremont	37	35.4	36.3	42.8	50.6	58.2	68.5	73.2	72.2	64.4	53.2	43.8	36.0	52.9
Castle Rock	Douglas	31	28.4	28.8	35.6	43.8	52.7	62.0	67.2	67.6	59.1	47.3	37.3	27.4	46.4
Cedaredge	Delta	28	26.0	30.8	38.5	47.3	55.6	64.2	70.2	68.6	60.6	49.6	38.0	27.0	48.0
Cheyenne Wells	Cheyenne	33	27.8	31.2	39.1	49.0	58.4	62.5	74.0	73.2	64.7	52.4	39.4	28.2	50.0
Collbran	Mesa	29	22.0	28.2	36.4	45.6	53.6	62.4	68.4	66.8	58.9	47.3	35.8	23.6	45.8
Colorado Springs	El Paso	37	29.8	30.5	37.2	45.1	53.4	62.4	67.2	66.2	59.6	48.8	38.9	30.3	47.4
Crawford (near)	Montrose	13	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	19	12.2	15.2	22.8	32.5	43.4	52.3	57.0	54.8	46.8	35.4	24.0	18.2	34.6
Delta	Delta	36	24.4	32.0	41.6	50.6	59.2	67.8	73.7	71.0	62.6	50.6	38.5	25.7	49.8
Denver	Denver	58	29.8	32.7	39.3	47.1	56.2	66.3	72.2	70.7	62.9	51.2	39.8	32.3	50.0
Durango	La Plata	36	24.8	30.0	37.3	45.1	52.6	61.0	67.0	65.6	58.4	47.8	37.8	26.2	46.2
Eads	Kiowa	18	28.2	33.4	42.2	49.8	60.0	70.6	75.8	74.0	65.7	52.4	39.6	28.5	51.7
Fort Collins	Larimer	36	25.9	28.0	35.6	45.2	53.9	63.0	68.2	67.5	59.0	47.7	36.2	26.8	46.4
Fort Morgan	Morgan	32	23.4	28.(	36.6	46.6	56.(	65.8	72.2	70.2	61.(	48.(	36.0	24.2	47.4
Fraser	Grand	20	11.4	15.1	20.6	30.3	39.8	47.8	53.0	51.0	44.8	34.6	23.0	12.0	32.0
Fremont (Exp. Sta.)	El Paso	20	24.4	24.0	27.8	34.4	42.9	52.9	57.3	55.5	50.(	39.9	31.8	24.6	38.8
Fruita	Mesa	28	21.6	30.8	42.2	50.4	58.9	68.2	74.6	72.6	63.3	51.0	37.9	25.0	49.7
Fry's Ranch	Larimer	20	26.4	26.8	32.2	38.4	46.9	56.0	61.7	60.0	52.9	43.2	34.6	25.7	42.1
Garnett	Alamosa	32	17.1	24.1	32.2	41.2	49.4	58.3	62.5	61.0	54.2	43.1	30.4	19.6	41.1
Glenwood Springs	Garfield	26	23.0	28.1	37.0	45.5	53.6	61.4	66.8	65.7	58.3	47.8	36.0	24.3	45.6
Grand Junction	Mesa	39	24.0	32.9	43.6	52.4	61.1	71.4	77.7	75.4	66.2	52.8	39.3	27.5	52.0
Grand Valley	Garfield	20	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	35	25.2	28.3	37.4	47.4	56.7	66.4	71.2	69.9	61.0	48.6	36.4	25.0	47.8
Grover (near)	Weld	20	24.4	28.2	34.2	43.4	52.6	62.4	68.8	67.2	58.7	47.3	36.0	25.3	45.7
Gunnison	Gunnison	36	7.0	12.8	25.2	39.3	47.7	57.0	61.2	59.4	52.0	41.2	27.6	10.8	36.8
Hamps	Elbert	27	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 (near)	Hinsdale	19	11.4	15.2	20.9	31.0	42.9	48.4	54.0	52.0	45.9	36.8	25.2	12.8	33.0
Hoehne	Las Animas	21	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	29	30.6	34.4	43.2	52.8	62.2	72.2	77.2	74.9	68.2	55.6	42.0	30.4	53.6
Holyoke	Phillips	20	27.1	27.8	37.6	47.8	57.4	66.7	73.4	71.9	62.1	50.4	38.4	27.2	49.0
Husted	El Paso	11	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	27	27.0	28.1	33.0	39.8	48.0	57.6	62.1	61.2	54.4	44.2	34.5	27.0	43.1
Lamar	Prowers	36	31.1	34.8	44.3	54.0	62.0	73.3	77.8	76.7	6.88	55.6	42.0	31.7	54.4
Las Animas	Bent	44	28.0	30.2	41.8	51.5	60.8	71.4	75.9	72.8	66.0	53.2	40.0	29.2	51.8
Lay	Moffat	33	17.5	21.2	31.7	41.6	50.1	59.2	66.8	64.2	55.5	44.1	32.0	19.6	42.0
Leadville	Lake	25	17.8	19.7	24.0	31.7	40.6	49.8	55.4	53.7	47.4	37.4	27.4	18.8	35.3
LeRoy	Logan	33	26.2	28.8	36.2	45.6	55.3	65.2	71.9	71.2	62.6	50.0	37.2	27.4	48.1
Limon (near)	Lincoln	20	25.6	31.8	36 3	44.6	53.8	64.1	69.3	67.6	60.5	49.0	36.9	25.7	47.2
Longmont	Boulder	24	26.6	29.9	37.5	46.8	56.2	65.6	70.2	69.0	60.0	48.2	37.0	26.1	47.8
Manassa	Conejos	24	19.8	26.(	33.6	41.4	49.8	58.0	62.6	60.7	54.2	42.0	31.8	20.2	41.7
Mancos	Montezuma	20	25.5	29.1	36.8	44.4	51.5	61.2	66.2	65.0	57.6	47.3	37.9	26.5	45.8
Meeker (near)	Rio Blanco	33	20.2	24.4	33.7	43.2	51.2	59.3	65.0	63.4	55.2	44.2	33.3	21.0	42.8
Montrose	Montrose	37	23.9	31.4	39.8	47.8	57.6	65.6	70.8	68.5	60.9	49.2	36.8	25.9	48.2
Monument	El Paso	20	26.9	28.7	32.8	40.6	49.8	59.2	64.8	63.0	56.0	45.4	35.4	27.4	44.2
Nast	Pitkin	16	15.8	18.3	25.0	33.4	43.6	52.2	55.8	55.2	48.6	39.2	27.4	17.2	36.0
Pagoda	Routt	17	20.9	22.4	32.4	42.2	49.6	57.4	63.8	63.4	55.5	44.6	33.0	21.0	42.2
Pagosa Springs	Archuleta	10	19.8	24.2	34.2	42.0	47.9	56.4	63.4	61.8	55.0	43.2	32.8	18.4	41.6
Palisade	Mesa	18	24.1	34.1	42.6	52.7	61.5	71.2	76.6	74.2	65.2	52.4	40.4	28.8	52.0
Paonia	Delta	26	25.4	32.0	40.0	48.2	56.4	65.3	71.0	69.0	61.2	50.4	39.8	27.0	48.8
Pueblo	Pueblo	42	29.9	32.9	41.6	50.1	59.2	69.0	74.2	72.7	64.6	52.0	39.4	31.5	51.4
Rangely	Rio Blanco	14	15.2	20.4	34.6	46.7	53.8	63.4	69.8	68.0	58.6	46.3	33.0	17.4	44.0
Redvale	Montrose	9	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	29	23.0	29.4	37.6	47.8	55.6	65.0	71.0	69.2	60.8	49.0	37.3	25.4	47.6
Rocky Ford	Otero	38	30.0	33.3	42.1	51.6	60.7	70.4	74.9	73.4	65.5	53.2	40.2	30.4	52.2
Saguache	Saguache	33	20.8	27.0	35.0	43.4	51.8	60.6	65.4	63.6	56.8	46.3	34.0	22.0	43.9
Salida	Chaffee	24	27.6	29.8	36.2	43.4	51.2	60.0	65.0	63.6	56.6	46.2	36.6	27.1	45.2
San Luis	Costilla	30	21.2	25.8	34.0	41.6	49.4	57.8	62.4	61.2	54.7	44.4	33.2	21.8	42.2
Sapinero (near)	Gunnison	26	16.8	20.6	27.5	36.8	45.4	53.8	59.0	57.8	50.8	40.8	29.6	18.2	38.0
Sedgwick	Sedgwick	19	24.2	28.8	37.2	47.6	56.6	67.8	74.0	71.6	62.5	49.8	36.7	24.6	48.4
Silverton	San Juan	23	16.4	19.0	24.6	32.0	40.8	49.6	55.4	52.8	46.4	37.6	26.2	17.0	34.8
Spicer	Jackson	18	17.4	20.8	24.4	34.9	43.4	52.8	58.8	56.6	48.8	38.1	27.8	16.7	36.7
Steamboat Springs	Routt	25	13.8	16.8	25.6	38.2	48.0	55.2	60.6	58.4	51.8	41.0	28.3	16.2	37.8
Sterling	Logan	21	23.8	29.6	37.4	47.2	56.4	66.4	72.0	70.2	61.5	49.5	36.7	24.0	47.8
Telluride	San Miguel	22	21.2	24.0	28.0	36.4	45.4	53.8	58.6	56.7	51.0	41.2	30.9	21.8	39.1
Trinidad	Las Animas	27	33.8	36.0	42.0	49.0	57.6	67.0	71.2	69.8	63.2	53.0	41.6	33.0	51.4
Two Buttes	Baca	33	31.1	33.2	42.6	51.9	61.2	71.2	76.6	75.4	67.5	54.9	42.4	31.8	53.3
Victor	Teller	27	24.8	25.6	29.3	35.7	43.6	54.0	58.0	57.0	51.6	42.0	33.0	25.6	40.0
Wagon Wheel Gap Experiment Station	Mineral	16	15.2	18.6	24.0	32.8	42.6	52.2	56.2	54.2	47.6	36.7	25.7	16.6	35.2
Wagon Wheel Gap (Crow Valley)	Mineral	12	13.0	16.6	26.8	35.0	42.5	47.0	55.2	55.0	48.4	38.2	27.6	11.4	34.8
Waterdale	Larimer	26	28.2	30.2	37.2	46.4	54.3	63.0	68.1	67.4	59.6	48.8	38.4	28.4	47.5
Westcliffe	Custer	26	24.7	26.4	33.2	40.5	48.9	58.2	61.3	61.4	54.8	43.6	33.6	23.8	42.6
Wray	Yuma	31	28	30.8	39.9	49.2	59.0	69.2	74.8	73.1	64.0	52.0	39.0	28.8	50.7

ANNUAL PRECIPITATION AND MEAN TEMPERATURE IN 1933, WITH DEPARTURE FROM NORMAL

(U. S. Weather Bureau)

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

PLACE	COUNTY	PRECIPITATION		MEAN TEMPERATURE	
		1933	Departure from Normal	1933	Departure from Normal
Alamosa	Alamosa	8.07	----	41.0	----
Boulder	Boulder	16.08	—2.04	53.4	+2.8
Buena Vista	Chaffee	7.46	—1.97	---	----
Burlington	Kit Carson	17.30	0.29	53.5	+3.1
Calhan	El Paso	24.10	+7.56	---	----
Canon City	Fremont	12.42	—0.37	---	----
Cedaredge	Delta	9.20	—2.78	48.3	+0.3
Cheyenne Wells	Cheyenne	16.91	—0.17	---	----
Collbran	Mesa	12.96	—3.12	45.3	—0.5
Colorado Springs	El Paso	13.11	—1.40	50.4	+3.0
Columbine	Routt	19.29	—3.61	---	----
Cope	Washington	16.27	—2.77	---	----
Crested Butte	Gunnison	14.40	—9.05	36.2	+1.6
Delta	Delta	6.87	—1.43	49.8	----
Denver	Denver	12.07	—1.98	53.5	+3.5
Durango	La Plata	13.85	—6.13	46.2	----
Estes Park (near)	Larimer	11.08	—6.69	42.6	+0.6
Fort Collins	Larimer	15.65	+0.70	49.4	+3.0
Fort Lupton (near)	Adams	12.36	—0.32	51.3	+2.9
Fort Morgan	Morgan	14.70	+0.87	49.4	+2.0
Fraser	Grand	20.13	—0.67	33.6	+1.6
Fruita	Mesa	7.21	—3.28	50.7	+1.0
Garnett	Alamosa	6.31	—0.57	39.4	—1.7
Glenwood Springs	Garfield	18.26	+3.63	47.6	+2.0
Grand Junction	Mesa	6.52	—2.31	52.0	----
Greeley	Weld	9.47	—3.39	49.4	+1.6
Grover (near)	Weld	13.09	—0.75	48.8	+3.1
Hartsel	Park	8.78	—2.54	---	----
Hermit (near)	Hinsdale	16.57	—1.28	36.7	+3.7
Holly	Prowers	15.69	+0.60	55.6	+2.0
Holyoke	Phillips	16.37	—1.27	50.4	+1.4
Idaho Springs	Clear Creek	15.80	—0.17	43.7	+0.6
Julesburg	Sedgwick	19.27	+1.87	51.5	+3.0
Lamar	Prowers	12.67	—3.08	57.0	+2.6
Las Animas	Bent	11.15	—1.26	59.4	+7.6
Lay	Moffat	11.98	—2.10	43.9	+1.9
Leadville	Lake	16.79	—0.92	37.0	+1.7
LeRoy	Logan	13.52	—4.04	51.2	+3.1
Limon (near)	Elbert	10.74	—3.91	49.6	+2.4
Longmont	Boulder	10.54	—4.10	50.0	+2.2
Manassa	Conejos	6.72	—0.09	41.2	—0.5
Meeker (near)	Rio Blanco	14.30	----	43.2	----
Montrose	Montrose	7.47	—2.39	48.9	+0.7
Monument	El Paso	20.11	+0.28	46.4	+2.2
Paonia	Delta	12.55	—2.63	48.7	—0.1
Pueblo	Pueblo	13.77	+2.10	54.5	+3.1
Rifle	Garfield	8.29	—3.60	47.0	—0.6
Rocky Ford	Otero	14.25	+1.80	53.0	+0.8
Salida	Chaffee	11.05	—1.22	46.9	+1.7
Sapinero (near)	Gunnison	19.71	—1.15	38.9	+0.9
Sedgwick	Sedgwick	23.96	+6.42	50.6	+2.2
Silverton	San Juan	21.69	—5.00	36.1	+1.3
Spicer	Jackson	12.89	+1.83	37.7	+1.0
Steamboat Springs	Routt	20.81	—2.61	39.6	+1.8
Sterling	Logan	14.42	—1.43	51.2	+3.4
Trinidad	Las Animas	12.77	—4.46	---	----
Wray	Yuma	17.38	—0.91	52.7	+2.0
Yuma	Yuma	18.52	+1.08	---	----

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

COLORADO CLIMATOLOGICAL DATA FOR 1933
(U. S. Weather Bureau)

PLACE	COUNTY	TEMPERATURE, DEGREES FAHRENHEIT					PRECIPITATION, IN INCHES				
		Annual Mean	Highest	Date	Lowest	Date	Total for the Year	Greatest Monthly	Month	Least Monthly	Month
Alamosa	Alamosa	41.0	87	Sept. 6	—32	Feb. 8	8.07	1.95	June	.03	Feb.
Boulder	Boulder	53.4	97	†July 28	—19	Feb. 7	16.08	4.15	Apr.	*	‡Jan.
Burlington	Kit Carson	53.5	102	June 28	—23	Feb. 9	17.30	5.25	Aug.	*	‡Jan.
Calhan	El Paso	---	91	†June 29	—26	Feb. 9	24.10	7.10	Aug.	0	‡Feb.
Canon City	Fremont	---	97	†June 30	—16	Feb. 9	12.42	4.28	Aug.	0	Jan.
Cedaredge	Delta	48.3	95	†July 26	—18	†Feb. 8	9.20	2.10	Sept.	0	Oct.
Cheyenne Wells	Cheyenne	---	103	June 28	—24	Feb. 9	16.91	6.58	Aug.	0	‡Jan.
Collbran	Mesa	45.3	96	July 31	—36	Feb. 8	12.96	2.00	Sept.	.15	June
Colorado Springs	El Paso	50.4	93	†June 30	—22	Feb. 9	13.11	2.93	Aug.	*	Jan.
Cope	Washington	---	---	--------	---	------	16.27	4.02	Aug.	.01	Jan.
Crested Butte	Gunnison	36.2	88	Aug. 12	—32	Feb. 3	14.40	3.03	Sept.	.20	Nov.
Delta	Delta	49.8	101	†July 26	—19	Feb. 8	6.87	1.56	Sept.	.03	Dec.
Denver	Denver	53.5	97	July 28	—16	Feb. 8	12.07	4.09	Apr.	.01	‡Jan.
Durango	La Plata	46.2	95	Aug. 13	—27	Feb. 8	13.85	2.77	Sept.	.34	May
Estes Park (near)	Larimer	42.6	86	†July 19	—34	Feb. 7	11.08	3.30	Apr.	.04	Oct.
Fort Collins	Larimer	49.4	96	July 28	—32	Feb. 10	15.65	4.56	May	0	Oct.
Fort Lupton (near)	Weld	51.3	103	July 28	—24	Feb. 10	12.36	2.96	Apr.	0	Oct.
Fort Morgan	Morgan	49.4	97	June 28	—31	Feb. 10	14.70	3.65	May	0	Oct.
Fraser	Grand	33.6	81	July 13	—40	Feb. 10	20.13	6.33	Apr.	.30	Nov.
Fruita	Mesa	50.7	103	†July 13	—32	Feb. 10	7.21	1.25	Nov.	.03	June
Garnett	Alamosa	39.4	88	†June 11	—33	Feb. 8	6.31	1.76	July	.04	Feb.
Glenwood Springs	Garfield	47.6	97	July 25	—28	Feb. 8	18.26	3.15	Aug.	.30	Oct.
Grand Junction	Mesa	52.0	102	July 13	—21	Feb. 8	6.52	1.50	July	.25	June
Greeley	Weld	49.4	102	July 29	—31	Feb. 10	9.47	3.56	May	0	June

Hartsel	Park	---	---	--------	---	------	8.78	2.48	July	0	Oct.
Hermit (near)	Hinsdale	36.7	89	July 27	—35	Feb. 8	16.57	4.21	July	.06	Feb.
Holly	Prowers	55.6	105	June 30	—20	Feb. 8	15.69	5.69	Aug.	0	‡Jan.
Holyoke	Phillips	50.4	99	June 30	—27	Feb. 8	16.37	4.82	Aug.	0	‡Jan.
Idaho Springs	Clear Creek	43.7	86	†July 28	—29	Feb. 7	15.80	4.21	Apr.	0	Oct.
Julesburg	Sedgwick	51.5	104	June 28	—25	†Feb. 8	19.27	5.84	Aug.	0	Oct.
Lamar	Prowers	57.0	108	June 30	—21	Feb. 8	12.67	3.78	Aug.	0	‡Jan.
Las Animas	Bent	59.4	114	July 1	—18	Feb. 9	11.15	3.21	Apr.	0	Oct.
Lay	Moffat	43.9	100	July 25	—45	Feb. 10	11.98	2.52	Apr.	0	Oct.
Leadville	Lake	37.0	81	July 31	—31	Feb. 8	16.79	3.20	July	.45	‡Jan.
LeRoy	Logan	51.2	103	July 28	—22	Feb. 8	13.52	3.28	Apr.	0	Oct.
Limon (near)	Elbert	49.6	98	July 9	—22	Feb. 9	10.74	2.44	July	0	‡Oct.
Longmont	Boulder	50.0	98	July 28	—30	Feb. 9	10.54	3.31	May	.02	Oct.
Manassa	Conejos	41.2	84	†July 13	—32	Feb. 8	6.72	2.28	Aug.	*	Jan.
Meeker (near)	Rio Blanco	43.2	98	July 30	—38	Feb. 10	14.30	2.24	May	0	Oct.
Montrose	Montrose	48.9	99	July 29	—23	Feb. 8	7.47	1.34	Sept.	.01	June
Monument	El Paso	46.4	93	†July 29	—40	Feb. 7	20.11	5.91	Apr.	0	Oct.
Paonia	Delta	48.7	95	July 25	—19	Feb. 10	12.55	2.40	Sept.	.14	June
Pueblo	Pueblo	54.5	100	Sept. 6	—24	Feb. 8	13.77	2.66	June	0	‡Jan.
Rifle	Garfield	47.0	100	July 13	—34	Feb. 10	8.29	1.10	‡July	*	June
Rocky Ford	Otero	53.0	98	†July 1	7	Jan. 27	14.25	3.90	Aug.	0	‡Jan.
Salida	Chaffee	46.9	94	July 13	—25	Feb. 10	11.05	1.69	Apr.	*	Jan.
Sapinero (near)	Gunnison	38.9	82	Aug. 14	—29	Feb. 8	19.71	2.72	Mar.	.47	Nov.
Sedgwick	Sedgwick	50.6	103	July 29	—25	Feb. 8	23.96	5.95	Aug.	*	‡Jan.
Silverton	San Juan	36.1	80	†July 14	—33	Feb. 8	21.69	2.77	Sept.	.92	Oct.
Spicer	Jackson	37.7	85	July 28	—36	Feb. 6	12.89	2.50	Apr.	0	Oct.
Steamboat Springs	Routt	39.6	91	July 25	—48	Feb. 10	20.81	3.12	Dec.	0	Oct.
Sterling	Logan	51.2	103	July 28	—25	†Feb. 8	14.42	3.25	Apr.	0	‡Jan.
Trinidad	Las Animas	---	96	July 1	—21	†Feb. 7	12.77	2.44	June	.05	Jan.
Wray	Yuma	52.7	105	June 30	—27	Feb. 8	17.38	4.17	Aug.	*	Oct.
Yuma	Yuma	---	---	--------	---	------	18.52	7.58	Aug.	.02	Oct.

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

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

PLACE	COUNTY	Length of Rec. Yrs.*	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Akron	Washington	22	0.30	0.50	1.09	2.43	2.83	2.43	2.62	1.98	1.46	1.04	0.57	0.66	17.91
Arriba	Lincoln	15	0.10	0.51	0.66	1.95	2.13	2.04	2.69	2.53	1.47	1.25	0.56	0.70	16.59
Auldhurst	Teller	17	0.37	0.68	1.07	1.94	1.88	2.07	4.12	3.45	1.77	0.85	0.64	0.74	19.58
Boulder	Boulder	38	0.38	0.76	1.52	2.59	2.90	1.53	2.13	1.56	1.43	1.66	0.81	0.85	18.12
Buena Vista	Chaffee	31	0.38	0.57	0.78	0.80	0.76	0.55	1.84	1.42	0.71	0.66	0.51	0.45	9.43
Burlington	Kit Carson	41	0.24	0.45	0.76	2.03	2.35	2.84	2.82	2.66	1.36	1.02	0.50	0.56	17.59
Calhan	El Paso	24	0.39	0.58	0.93	1.86	1.93	1.73	2.83	3.00	1.14	0.85	0.62	0.68	16.54
Canon City	Fremont	43	0.35	0.54	0.86	1.48	1.60	1.08	2.04	1.95	0.96	0.84	0.54	0.55	12.79
Castle Rock	Douglas	38	0.40	0.63	1.24	2.22	2.42	1.84	2.79	2.09	1.12	1.27	0.57	0.80	17.39
Cedaredge	Delta	31	0.86	0.97	1.20	1.01	1.24	0.69	0.92	1.12	1.30	1.22	0.71	0.74	11.98
Cheyenne Wells	Cheyenne	38	0.30	0.52	0.84	1.82	2.29	2.63	2.83	2.50	1.28	1.02	0.49	0.56	17.08
Collbran	Mesa	39	1.27	1.10	1.67	1.55	1.55	0.80	1.27	1.54	1.58	1.53	1.08	1.14	16.08
Colorado Springs	El Paso	52	0.22	0.36	0.72	1.57	2.21	1.82	2.94	2.29	1.08	0.64	0.35	0.31	14.51
Columbine	Routt	21	1.88	2.31	2.35	1.99	2.02	1.22	2.05	1.67	2.05	1.81	1.46	2.09	22.90
Cope	Washington	32	0.33	0.54	1.18	2.23	3.00	2.86	2.89	2.46	1.29	1.02	0.63	0.61	19.04
Crawford	Montrose	14	0.77	0.51	0.55	0.87	0.89	0.81	1.25	1.20	1.16	1.11	0.87	0.81	10.80
Crested Butte	Gunnison	21	2.72	2.18	2.46	1.74	1.58	1.37	2.19	1.98	2.42	1.23	1.40	2.18	23.45
Delta	Delta	43	0.61	0.49	0.69	0.60	0.86	0.37	0.79	1.00	0.95	0.81	0.57	0.56	8.30
Denver	Denver	58	0.40	0.53	1.04	2.06	2.21	1.38	1.68	1.43	0.99	1.05	0.55	0.73	14.05
Durango	La Plata	38	1.67	1.74	1.84	1.54	1.11	0.86	2.09	2.16	1.93	1.92	1.35	1.77	19.98
Eads	Kiowa	19	0.15	0.38	0.63	1.29	2.57	2.16	2.75	1.60	1.22	1.25	0.36	0.32	14.68
Estes Park (near)	Larimer	22	0.55	0.85	1.47	2.40	2.11	1.31	3.07	2.16	1.51	1.54	0.98	0.82	18.77
Fort Collins	Larimer	51	0.42	0.59	1.03	2.05	2.82	1.60	1.78	1.30	1.25	1.15	0.50	0.46	14.95
Fort Lupton (near	Adams	20	0.18	0.34	0.56	1.34	2.20	1.48	1.79	1.53	1.03	1.21	0.48	0.54	12.68
Fort Morgan	Morgan	43	0.24	0.37	0.65	1.75	2.30	1.87	2.45	1.61	0.99	0.89	0.35	0.36	13.83
Fraser	Grand	22	1.68	1.73	1.92	2.18	1.83	1.33	2.44	1.75	1.54	1.57	1.24	1.59	20.80
Fruita	Mesa	32	0.93	0.77	1.01	0.76	0.93	0.43	0.80	1.05	1.15	1.14	0.75	0.77	10.49
Garnett	Alamosa	40	0.13	0.22	0.36	0.53	0.65	0.66	1.27	1.27	0.76	0.54	0.28	0.21	6.88
Glenwood Springs	Garfield	32	1.29	1.00	1.45	1.27	1.19	0.81	1.31	1.65	1.34	1.17	0.99	1.16	14.63
Grand Junction	Mesa	39	0.60	0.58	0.76	0.83	0.81	0.40	0.61	1.17	0.92	0.95	0.57	0.63	8.83
Grand Lake	Grand	13	1.81	1.36	0.88	1.88	1.26	0.90	1.96	1.47	1.25	0.85	0.69	1.57	15.88
Greeley	Weld	43	0.28	0.41	0.78	1.61	2.33	1.59	1.77	1.26	0.98	1.01	0.40	0.44	12.86
Grover (near)	Weld	31	0.26	0.57	0.60	1.74	2.17	1.71	2.25	1.71	1.16	0.80	0.36	0.51	13.84
Gunnison	Gunnison	39	0.78	0.70	0.67	0.73	0.85	0.64	1.56	1.36	0.88	0.65	0.59	0.68	10.09
Hamps	Elbert	25	0.24	0.44	0.93	2.03	2.04	1.73	2.68	2.29	0.87	0.56	0.23	0.48	14.52
Hartsel	Park	22	0.21	0.23	0.37	0.72	0.87	1.12	3.44	2.20	1.06	0.50	0.32	0.28	11.32
Hermit (near)	Hinsdale	25	1.07	0.94	1.30	1.22	1.08	1.13	2.79	2.52	2.03	1.78	1.05	0.94	17.85
Holly	Prowers	36	0.21	0.56	0.56	1.67	1.97	2.11	2.65	2.21	1.33	0.87	0.52	0.43	15.09
Holyoke	Phillips	36	0.24	0.44	0.88	2.12	2.76	3.06	2.53	2.39	1.34	0.97	0.40	0.51	17.64
Idaho Springs	Clear Creek	41	0.34	0.49	1.02	2.04	2.04	1.36	2.86	2.11	1.23	1.34	0.57	0.57	15.97
Julesburg	Sedgwick	27	0.31	0.44	0.75	2.22	2.96	2.71	2.52	2.41	1.10	1.12	0.46	0.40	17.40
Lamar	Prowers	42	0.25	0.53	0.85	1.70	2.17	2.21	2.80	2.04	1.23	1.03	0.46	0.48	15.75
Las Animas	Bent	63	0.19	0.41	0.52	1.45	1.98	1.47	2.21	1.72	0.95	0.75	0.36	0.40	12.41
Lay	Moffat	39	1.17	1.20	1.52	1.29	1.34	0.74	1.06	1.07	1.43	1.24	0.87	1.15	14.08
Leadville	Lake	35	1.18	1.45	1.72	1.62	1.23	1.13	2.78	2.17	1.26	1.17	0.89	1.11	17.71
LeRoy	Logan	42	0.33	0.55	0.98	2.47	2.65	2.47	2.37	2.23	1.20	1.18	0.52	0.61	17.56
Limon (near)	Lincoln	21	0.18	0.32	0.58	1.53	2.07	2.17	2.67	2.20	0.95	0.92	0.48	0.58	14.65
Longmont	Boulder	24	0.34	0.53	0.88	1.90	2.61	1.66	1.91	1.35	1.00	1.32	0.59	0.55	14.64
Manassa	Conejos	25	0.11	0.22	0.44	0.61	0.59	0.51	1.16	1.34	0.55	0.74	0.30	0.24	6.81
Mancos	Montezuma	20	1.42	1.46	1.98	1.85	1.24	0.74	1.86	2.07	1.55	1.55	1.04	1.20	17.96
Meeker	Rio Blanco	37	1.05	0.96	1.46	1.50	1.41	0.91	1.52	1.72	1.67	1.45	1.08	1.08	15.81
Montrose	Montrose	43	0.64	0.57	0.82	0.94	0.93	0.44	0.90	1.34	1.01	0.97	0.58	0.72	9.86
Monument	El Paso	20	0.45	0.74	1.39	2.49	2.30	1.85	3.35	3.07	1.24	1.27	0.80	0.88	19.83
Pagoda	Routt	21	1.32	1.85	1.95	1.87	1.44	1.09	1.31	1.58	1.82	1.68	0.97	1.57	18.45
Pagosa Springs	Archuleta	11	2.49	2.06	1.72	1.70	1.39	1.01	2.99	2.53	1.71	3.03	1.11	1.87	23.61
Paonia	Delta	38	1.28	1.23	1.55	1.42	1.49	0.62	1.09	1.41	1.37	1.48	1.06	1.18	15.18
Pueblo	Pueblo	42	0.31	0.47	0.59	1.31	1.60	1.36	1.94	1.82	0.75	0.66	0.36	0.50	11.67
Redvale	Montrose	10	1.22	0.83	0.94	1.37	1.03	0.84	2.20	1.66	0.97	1.68	1.08	1.19	15.01
Rico	Dolores	29	2.67	2.71	2.85	1.63	1.59	1.20	3.09	2.54	2.75	1.56	1.49	2.04	26.12
Rifle	Garfield	16	0.98	0.50	1.02	1.07	1.23	0.48	1.17	1.22	1.19	1.32	0.81	0.90	11.89
Rocky Ford	Otero	42	0.22	0.29	0.56	1.49	1.98	1.52	2.46	1.43	0.74	0.89	0.46	0.41	12.45
Saguache	Saguache	36	0.22	0.38	0.34	0.67	0.81	0.91	1.78	1.62	0.79	0.76	0.32	0.31	8.91
Salida	Chaffee	26	0.56	0.81	0.76	1.49	0.86	1.05	1.85	1.50	1.00	0.93	0.73	0.73	12.27
San Luis	Costilla	32	0.42	0.49	0.67	0.93	1.10	0.75	2.20	1.55	1.07	0.99	0.41	0.62	11.20
Sapinero (near)	Gunnison	30	1.82	2.05	2.37	2.13	1.86	0.99	1.56	1.88	1.65	1.52	1.27	1.76	20.86
Sedgwick	Sedgwick	25	0.35	0.55	0.77	2.25	2.56	2.52	2.34	1.48	1.56	1.23	0.45	0.48	17.54
Silverton	San Juan	24	2.10	1.83	2.87	1.69	1.38	1.62	3.07	2.30	2.98	2.50	1.44	1.91	26.69
Spicer	Jackson	21	0.75	0.77	0.78	0.79	0.87	0.76	1.10	1.22	1.16	1.31	0.82	0.73	11.06
Springfield	Baca	26	0.43	0.68	1.07	2.05	2.62	1.85	2.68	2.10	1.44	1.04	0.70	0.67	17.33
Steamboat Springs	Routt	28	2.42	2.51	2.21	1.99	2.09	1.35	1.60	1.59	1.75	1.94	1.60	2.37	23.42
Sterling	Logan	21	0.27	0.35	0.71	2.01	2.57	2.15	1.88	2.25	1.38	1.20	0.52	0.56	15.85
Trinidad	Las Animas	35	0.47	0.88	1.01	1.92	1.78	1.93	2.59	2.41	1.30	1.31	0.86	0.77	17.23
Two Buttes	Baca	37	0.28	0.54	0.68	1.71	2.23	2.14	2.59	1.82	1.34	0.82	0.47	0.58	15.20
Westcliffe	Custer	29	0.55	0.62	1.15	1.90	1.37	1.34	2.57	1.61	1.13	1.24	0.86	0.73	15.07
Wray	Yuma	37	0.30	0.57	0.89	2.53	2.80	2.78	2.71	2.40	1.24	1.09	0.50	0.48	18.29
Yampa	Routt	12	1.96	1.72	1.11	1.20	0.80	0.89	1.88	1.49	1.37	1.18	0.97	1.47	16.04
Yuma	Yuma	41	0.34	0.54	1.01	2.13	2.48	2.73	2.69	2.46	1.00	1.04	0.48	0.54	17.44

*Period of years figured to include 1930.

RAINY DAYS, SKY CONDITION, DIRECTION OF WIND AND SNOWFALL IN COLORADO, 1933

(U. S. Weather Bureau)

PLACE	COUNTY	Number Rainy Days	SKY			Prevailing Direction of the Wind	Total Snowfall, Inches
			Number Clear Days	Number Partly Cloudy Days	Number Cloudy Days		
Alamosa	Alamosa	51	278	80	7	sw	21.5
Boulder	Boulder	61	256	71	38	w	64.6
Burlington	Kit Carson	54	*243	*62	*51	s	12.9
Byers	Arapahoe	52	148	103	114	s	43.2
Calhan	El Paso	--	--	--	--	sw	43.5
Canon City	Fremont	--	--	--	--	sw	17.2
Cedaredge	Delta	60	*182	*83	*96	nw	48.0
Cheyenne Wells	Cheyenne	37	*272	*23	*24	se	8.2
Collbran	Mesa	54	*171	*148	*44	sw	81.5
Colorado Springs	El Paso	69	252	85	28	n	25.0
Cope	Washington	63	211	116	38	nw	19.2
Cortez	Montezuma	61	*86	*143	*132	sw	30.7
Crested Butte	Gunnison	80	161	88	116	w	156.5
Delta	Delta	52	274	64	27	--	15.0
Denver	Denver	68	158	156	51	s	62.5
Durango	La Plata	88	237	33	95	sw	51.7
Estes Park (near)	Larimer	57	186	116	63	--	71.8
Fort Collins	Larimer	57	138	196	31	nw	23.2
Fort Lupton (near)	Adams	48	199	109	57	n	29.0
Fort Morgan	Morgan	43	270	61	34	--	19.9
Fraser	Grand	106	*107	*94	*162	w	146.5
Fruita	Mesa	64	188	141	36	nw	23.2
Garnett	Alamosa	47	224	101	40	--	26.5
Glenwood Springs	Garfield	85	179	148	38	s	60.0
Grand Junction	Mesa	77	192	103	70	se	13.2
Greeley	Weld	41	*125	*209	*28	--	16.0
Hartsel	Park	48	274	68	23	nw	39.2
Hermit (near)	Hinsdale	64	189	90	86	n	63.0
Holly	Prowers	37	255	47	63	se	†
Holyoke	Phillips	41	*263	*6	*94	s	23.0
Idaho Springs	Clear Creek	64	*136	*190	*28	w	107.2
Julesburg	Sedgwick	54	148	170	47	nw	10.5
Lamar	Prowers	51	167	138	60	se	5.4
Las Animas	Bent	31	*283	*28	*53	n	3.5
Lay	Moffat	64	*138	*78	*132	sw	88.0
Leadville	Lake	121	191	129	45	n	79.0
LeRoy	Logan	57	160	151	54	se	23.1
Limon (near)	Lincoln	46	*209	*63	*85	nw	28.0
Longmont	Boulder	56	236	94	35	n	27.7
Manassa	Conejos	39	*181	*162	*18	sw	9.0
Meeker (near)	Rio Blanco	54	237	61	67	--	78.1
Montrose	Montrose	61	220	106	39	--	15.8
Monument	El Paso	63	*257	*57	*50	sw	107.5
Paonia	Delta	42	*218	*63	*68	--	53.7
Pueblo	Pueblo	52	172	154	39	n	34.2
Rifle	Garfield	36	239	71	55	sw	27.0
Rocky Ford	Otero	49	243	99	23	w	7.5
Salida	Chaffee	54	*197	*99	*66	--	33.3
Sapinero (near)	Gunnison	98	*175	*115	*74	w	164.3
Sedgwick	Sedgwick	53	*282	*45	*20	nw	15.5
Silverton	San Juan	128	159	94	112	sw	167.3
Spicer	Jackson	67	190	120	55	sw	97.9
Steamboat Springs	Routt	108	158	118	89	nw	181.6
Sterling	Logan	48	315	27	23	s	21.0
Trinidad	Las Animas	--	--	--	--	w	40.5
Wray	Yuma	54	233	99	33	s	11.0
Yuma	Yuma	63	249	67	49	sw	26.0

†Indicates precipitation less than 0.01 inch.
*Record incomplete.

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

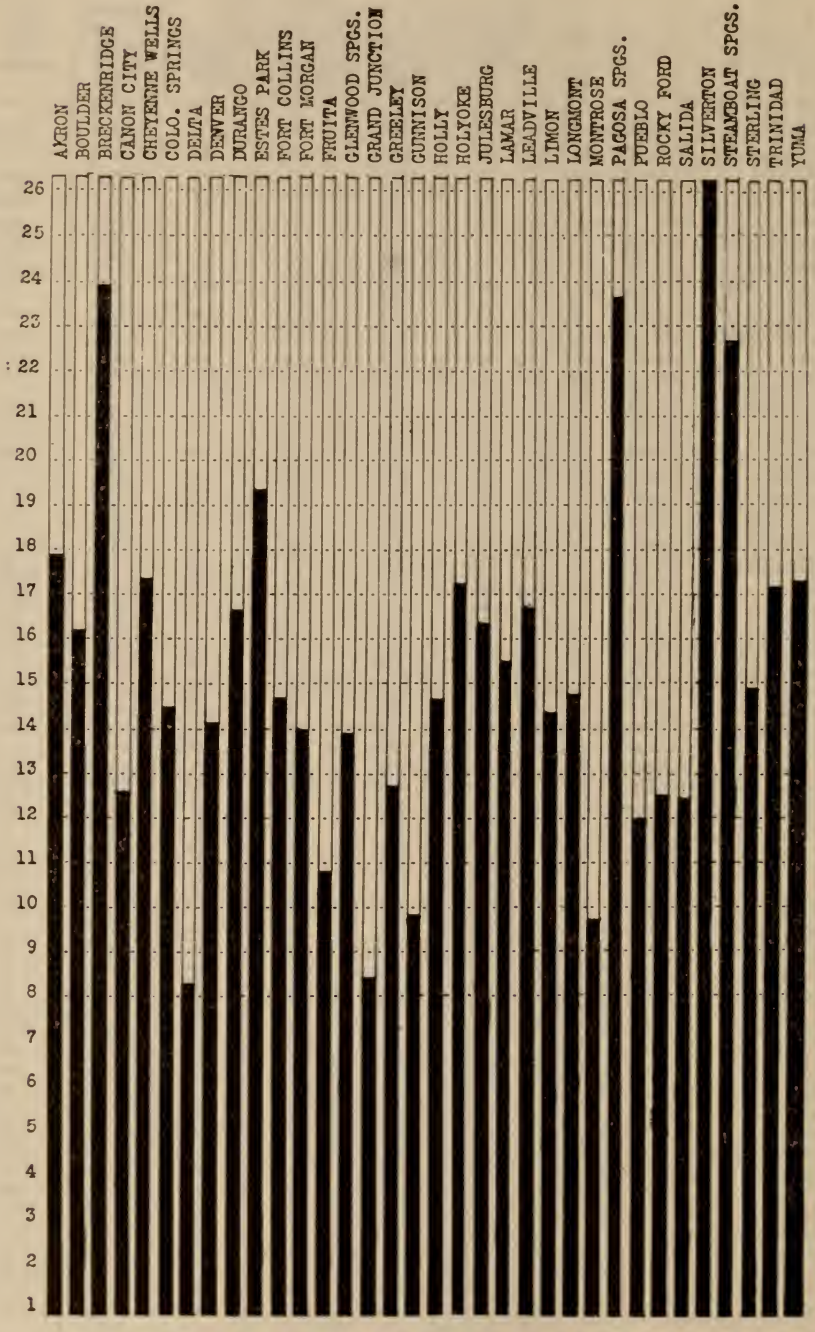
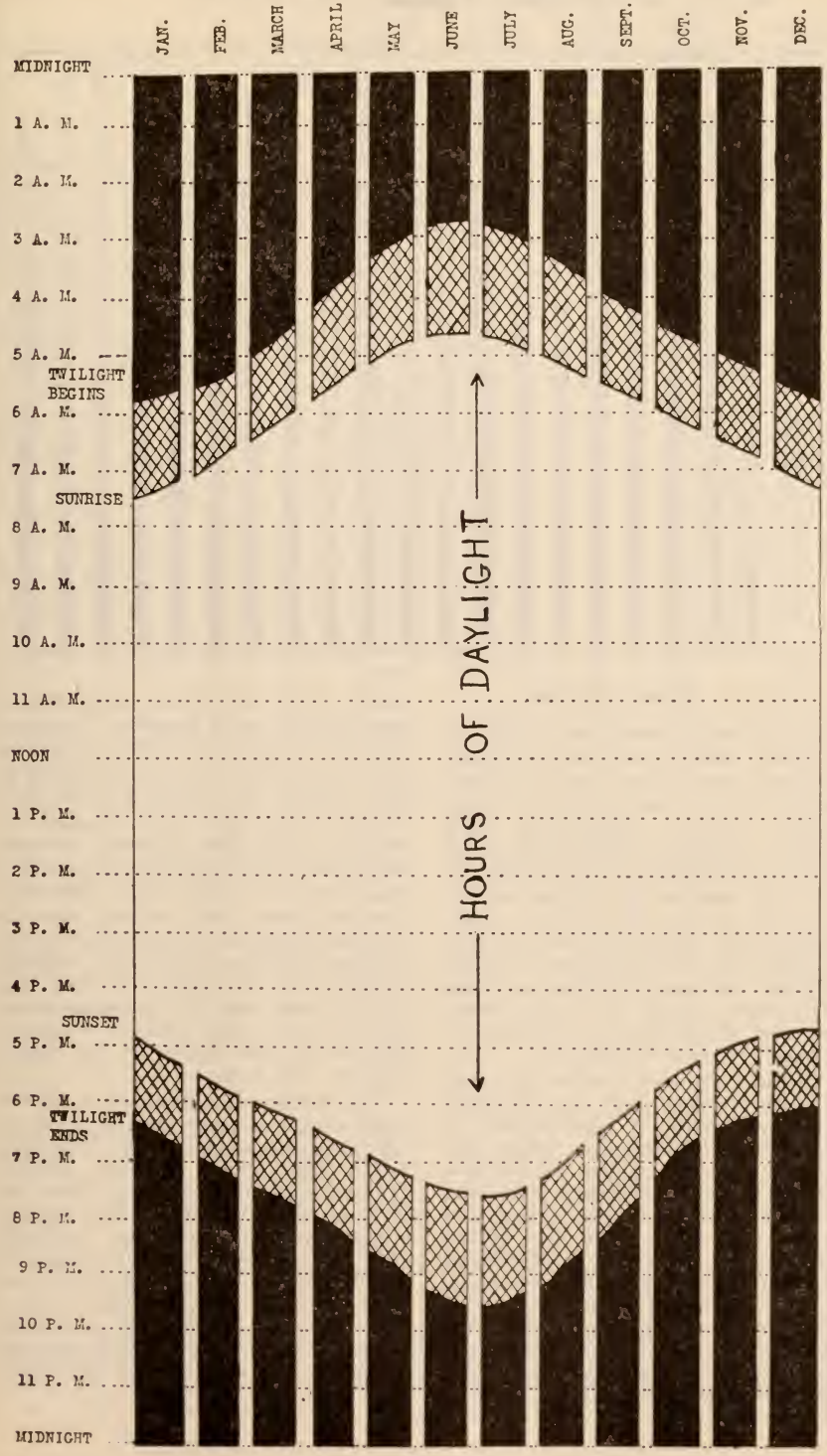
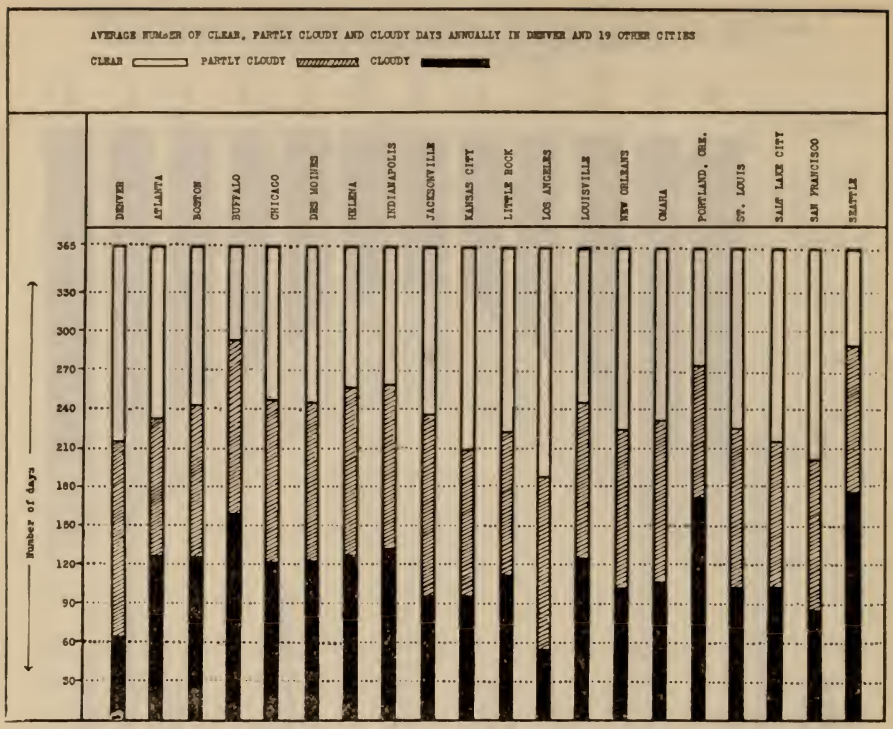


CHART SHOWING HOURS OF SUNRISE, SUNSET, DARKNESS, AND DAYLIGHT AT DENVER, COLORADO SPRINGS, PUEBLO AND OTHER LOCATIONS ON APPROXIMATELY THE SAME MERIDIAN.





ROYAL GORGE BRIDGE

The highest suspension bridge in the world spans the canon of the Arkansas river, known as the Royal Gorge, six miles west of Canon City in Fremont county. Construction work started on June 4, 1929, and the structure was dedicated on December 8, 1929. The floor of the bridge is 1,053 feet above the bed of the river. The bridge across the Grand Canon of the Colorado river at Lee's Ferry, Arizona, is 467 feet high and the bridge at Twin Falls, Idaho, across the Snake river, is 500 feet high. There is a bridge in southern France 435 feet high.

The main span of the Royal Gorge bridge is 880 feet long and the total length, exclusive of approaches, is 1,260 feet. The roadway, which provides for two-way motor vehicle and pedestrian traffic, is 18 feet wide and is protected with guard rails four and one-half feet high. The two cables upon which the bridge is suspended rest upon twin towers at both ends, 150 feet high. The cables, which were fabricated in place, contain 2,100 strands of wire of 120,000 pounds per square inch tensile strength each, comprising an aggregate of 1,300 miles of wire. The cables are anchored at each end in solid granite. Trenches four feet square and 100 feet long were cut in the stone. At the bottom of each trench 100 two-inch pipes were set three feet into the rock and fastened by a sulphur process. Twenty-one wires of the cable were placed in each pipe and forced tight with rods. Concrete was then poured into the trenches until they were level with the surrounding stone. The floor rests on 15-inch steel "I" beams, on nine lines of eight-inch steel "I" beams used for joists. The bridge floor is cambered and is six feet higher in the center than at the ends.

The bridge was built as a private enterprise. A state highway runs to the north end of the bridge. The Denver & Rio Grande Western railroad runs through the gorge just above the level of the river. The canon itself is a noted tourist attraction. The railroad crosses the river in the canon on a "hanging" bridge. The canon was discovered by Zebulon Pike in 1806, and was the scene of a notable struggle between two railroad companies in the late 70s for its possession.

LENGTH OF GROWING SEASON IN COLORADO

(Compiled from Records of the Weather Bureau)

STATIONS	Length of Record, Years	Average Date of Last Killing Frost in Spring	Average Date of First Killing Frost in Autumn	Average Length of Growing Season (Days)	Latest Date of Killing Frost in Spring	Earliest Date of Killing Frost in Autumn
Akron	9	May 13	Oct. 3	143	June 5	Sept. 15
Arriba	14	May 19	Oct. 3	137	June 7	Sept. 15
Blanca	10	June 9	Sept. 19	102	July 10	Sept. 12
Boulder	34	May 2	Oct. 12	163	June 2	Sept. 9
Buena Vista	23	June 8	Sept. 20	104	June 28	Aug. 29
Burlington	25	May 7	Oct. 6	152	June 4	Sept. 21
Calhan	24	May 17	Sept. 29	135	June 6	Sept. 2
Canon City	37	Apr. 30	Oct. 10	163	June 12	Sept. 17
Castle Rock	31	May 16	Sept. 25	132	June 10	Sept. 10
Cedaredge	29	May 13	Oct. 1	141	June 9	Sept. 10
Cheyenne Wells	35	May 6	Oct. 7	154	June 4	Sept. 12
Collbran	29	May 24	Sept. 27	126	July 3	Sept. 12
Colorado Springs	36	May 8	Oct. 2	147	June 3	Sept. 11
Crawford	13	May 20	Oct. 4	137	June 12	Sept. 14
Delta	36	May 10	Sept. 29	142	June 3	Sept. 11
Denver	58	May 3	Oct. 10	160	June 6	Sept. 12
Dolores	13	May 22	Sept. 28	129	June 5	Sept. 19
Durango	35	May 25	Sept. 18	116	June 22	Sept. 9
Eads	13	May 7	Oct. 10	156	May 24	Sept. 24
Fort Collins	36	May 8	Sept. 27	142	June 3	Sept. 7
Fort Morgan	33	May 10	Sept. 30	143	June 30	Aug. 25
Fruita	28	May 7	Oct. 6	152	June 1	Sept. 15
Garnett	32	June 8	Sept. 13	97	July 7	Aug. 13
Glenwood Springs	26	May 25	Sept. 22	120	July 4	Aug. 9
Grand Junction	39	Apr. 16	Oct. 19	186	May 14	Sept. 14
Greeley	35	May 5	Sept. 29	147	June 3	Sept. 7
Grover	20	May 24	Sept. 20	119	June 30	Aug. 25
Hamps	27	May 16	Sept. 27	134	June 8	Sept. 6
Hayden	12	June 14	Sept. 12	90	July 3	Aug. 31
Hoehne	21	May 17	Oct. 4	140	July 4	Sept. 10
Holly	29	Apr. 28	Oct. 10	165	June 2	Sept. 17
Holyoke	20	May 11	Sept. 28	140	June 6	Sept. 12
Huerfano	12	May 23	Sept. 27	127	June 22	Sept. 12
Ignacio	17	June 7	Sept. 19	104	June 23	Aug. 28
Julesburg	17	May 14	Oct. 1	140	June 19	Sept. 9
Lamar	35	Apr. 26	Oct. 9	166	May 17	Sept. 17
Las Animas	38	May 1	Oct. 7	159	June 1	Sept. 7
Lay	35	June 16	Sept. 6	82	July 19	Aug. 11
LeRoy	35	May 5	Oct. 4	152	May 27	Aug. 25
Limon	21	May 17	Oct. 2	138	June 5	Sept. 14
Longmont	24	May 7	Sept. 30	146	June 2	Sept. 8
Manassa	24	June 6	Sept. 13	99	June 20	Aug. 2
Mancos	20	June 6	Sept. 24	110	July 6	Aug. 27
Meeker	33	June 15	Sept. 11	88	July 13	Aug. 22
Montrose	38	May 8	Oct. 3	148	June 8	Sept. 14
Monument	20	May 27	Sept. 19	115	June 21	Sept. 8
Pagosa Springs	10	June 28	Sept. 12	76	July 29	Sept. 5
Palisade	17	Apr. 27	Oct. 15	171	May 26	Sept. 15
Paonia	28	May 6	Oct. 13	160	June 2	Sept. 21
Pueblo	42	Apr. 24	Oct. 10	169	June 2	Sept. 12
Rangely	12	May 26	Sept. 18	115	June 23	Aug. 31
Redvale	9	May 21	Sept. 28	130	June 13	Sept. 14
Rifle	16	May 12	Sept. 29	140	June 3	Sept. 14
Rocky Ford	37	Apr. 28	Oct. 8	163	June 2	Sept. 17
Saguache	30	May 28	Sept. 24	119	June 26	Aug. 28
Salida	23	May 28	Sept. 17	112	July 6	Sept. 6
San Luis	30	June 4	Sept. 20	108	July 6	Sept. 5
Sapinero	26	June 14	Sept. 15	93	July 5	Sept. 5
Sedgwick	18	May 11	Oct. 1	143	May 27	Sept. 9
Sterling	21	May 8	Sept. 28	143	June 3	Sept. 9
Trinidad	26	May 3	Oct. 12	162	June 3	Sept. 22
Two Buttes	32	May 2	Oct. 13	164	June 2	Sept. 17
Victor	26	June 9	Sept. 16	99	July 8	Aug. 13
Wagon Wheel Gap (Ex. St.)	16	June 13	Sept. 12	91	July 5	Aug. 29
Westcliffe	25	June 10	Sept. 13	95	July 29	Aug. 1
Whitepine	8	July 2	Sept. 4	64	July 9	Aug. 22
Wray	31	May 6	Oct. 4	151	May 27	Sept. 12

Water Power Resources

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

Although the volume of water carried in the streams of the state generally is comparatively small, most of these streams have their sources at high altitudes and a vast quantity of power is developed as they descend over precipitous courses from the mountain sides to the plains below. The principal river systems having their origin in the state and developing sufficient water power to be utilized commercially are: The Colorado, on the western slope, the principal tributaries of which are the Yampa, White, Green, Gunnison, Dolores and San Juan; the Rio Grande, in the south, draining the San Luis valley; the Arkansas, in the southeast, and the Platte, in the northeast. These streams have scores of comparatively small tributaries rising in the mountains, which drop from 1,000 to 6,000 feet in their courses. There is considerable variation in the amount of power available in these streams, due to the fact that the volume of water they carry differs widely at different seasons of the year. A maximum development could be obtained only through the storage of water in reservoirs during the flood seasons.

The following figures, composed of estimates by the United States geological survey, furnish a good idea of the immense water power available for commercial uses in the state:

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

The federal government had 436,390 acres in power-site reserves in the state on June 30, 1933, according to the report of the commissioner of the general land office. This figure includes all areas reserved or classified as valuable for power purposes and withheld subject to disposition only under the federal water power act of June 10, 1920. Designations, classifications and other types of reserves are included in the total area without distinction. The sites are available for leasing, subject to the approval of the federal power commission, under the act of 1920. Powersite reserves under the act of June 25, 1910, as amended by the act of August 24, 1912, on June 30, 1933, aggregated 217,621 acres. Miscellaneous withdrawals under the same act were 1,727 acres. Power-site classifications made under the act of March 3, 1879, aggregated 206,784 acres, and public water reserves under the act of June 25, 1910, aggregated 10,258 acres on June 30, 1932.

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

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

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

Hydro-electric power developed in the state, in plants of 100 h. p. or over, as of January 15, 1934, according to the geological survey, is as follows:

Use	Number Plants	Horsepower
Public utilities	29	89,541
Individual mining plants	22	8,034
Irrigation pumping	3	3,275
Flour mills	1	188
Private plants	1	100
Total	56	101,138

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

Agricultural Extension Service

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

In the extension service, scientific data developed by the state experimental station are given to the people through the demonstration method of teaching. This is mostly done through selected volunteer leaders in rural communities who agree to put into practice a method recommended by the extension service after it has been proved scientifically correct either by long farm practice elsewhere or through experiment station research. The service is headed by a director with a central office force of specialists and representatives in various agricultural counties which are organized for extension work. The county representatives are known as extension agents. The work is carried on intensively only in such counties as make financial provision for its support, a part of which is met out of federal funds under the agricultural extension act.

The number of co-operative extension workers employed in Colorado in 1932 and 1931 is as follows:

	1932	1931
County agricultural agents and assistants	31	33
County home demonstration agents and assistants	10	11
Administrators and supervisors	5	5
Subject matter specialists	14	14
Total	60	63

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

EXTENSION SERVICE

Colorado Agricultural College

F. A. Anderson.....Director
J. E. Morrison.....Assistant Director
F. C. Jans.....Administrative Assistant
C. W. Ferguson.....State Club Agent
Nora M. Hott.....State Home Agent
E. D. Smith.....
.....Extension Economist, Marketing
T. G. Stewart.....Agronomist
John Spencer.....Assistant Agronomist
A. C. Allen.....Animal Husbandman
G. R. Henderson.....
.....Assistant Animal Husbandman
C. A. Smith.....Dairyman
S. C. Campbell.....Entomologist
Thos. H. Summers.....
.Senior Economist, Farm Management
W. F. Droge (Montrose).....
.....Econ., Farm Management
J. L. Shields...Econ., Farm Management
R. E. Ford.....Extension Forester
Mary E. Sutherland.....
.....Economist, Home Management
W. M. Case....Extension Horticulturist
Ruth McCammon.....Nutritionist
O. C. Ufford.....Poultryman
I. G. Kinghorn.....Editor
Arthur Robinson.....Associate Editor
Dr. E. N. Stout.....Veterinarian
D. C. Bascom.....Rural Organization

COUNTY EXTENSION AGENTS

County	Agent	Headquarters
Adams	H. A. Sandhouse	Brighton
Alamosa, Conejos, Saguache	Ivan Watson	Alamosa
Alamosa, Conejos, Saguache (Asst.)	W. A. Price	Alamosa
Arapahoe	A. H. Tedmon	Littleton
Baca	R. E. Frisbie	Springfield
Bent	S. P. Ricketts	Las Animas
Boulder	W. J. Wonders	Longmont
Chaffee	H. R. Schmid	Salida
Cheyenne	C. O. Scott	Cheyenne Wells
Costilla	E. W. Martin	San Luis
Crowley	J. B. Loesch	Ordway
Delta	R. H. Tucker	Delta
Douglas	W. H. Gunther	Castle Rock
Elbert	Max C. Grandy	Simla
El Paso	H. J. Ryan	Colorado Springs
Fremont	K. W. Dixon	Canon City
Garfield	A. V. Lough	Glenwood Springs
Huerfano	P. B. Miles	Walsenburg
Jefferson	L. G. Davis	Arvada
Kiowa	J. G. Bishop	Eads
Kit Carson	R. O. Woodfin	Burlington
La Plata	C. M. Drage	Durango
Larimer	E. J. Meadows	Fort Collins
Las Animas	G. E. McCrimmon	Trinidad
Lincoln	F. E. Brown	Hugo
Logan	H. E. Hogsett	Sterling
Mesa	J. C. Foster	Grand Junction
Moffat	T. J. Snyder	Craig

County	Agent	Headquarters
Montezuma	E. W Barr	Cortez
Montrose	H. D. Finch	Montrose
Morgan	R. E. Cannon	Fort Morgan
Otero	Clem Dodson	Rocky Ford
Phillips	A. F. Hoffman, Jr.	Holyoke
Prowers	A. J. Hamman	Lamar
Pueblo	B. H. King	Pueblo
Rio Grande	A. A. Goodman	Monte Vista
Routt	F. D. Moon	Steamboat Springs
San Miguel	J. H. Cheney	Norwood
Sedgwick	W. R. Bennison	Julesburg
Washington	R. P. Yates	Akron
Weld	H. H. Simpson	Greeley
Weld (Asst.)	L. V. Toyne	Greeley
Yuma	B. H. Trierweiler	Wray

HOME DEMONSTRATION AGENTS

El Paso	Bertha B. Wear	Colorado Springs
Garfield	Gladys Bradley	Glenwood Springs
Larimer	Delphina Dawson	Fort Collins
Logan	Exine Davenport	Sterling
Pueblo	Jessie Reinholtz	Pueblo
Routt	Esther Elliott	Steamboat Springs

MIGRATORY BIRD REFUGE

The federal government, through the migratory bird conservation act, effective February 18, 1929, approved for purchase as a bird refuge in Colorado the San Luis lake, consisting of 5,180.3 acres in Alamosa county. The lake is on state-owned land and some conflict arose over the question whether Colorado laws would permit the sale of state land to the federal government for such a purpose. State approval has not been granted and the proposed purchase has not yet been consummated. The migratory bird act is administered by the biological survey of the United States department of agriculture to give support and further effect to the migratory bird treaty between the United States and Great Britain, the latter acting for Canada. The refuges being established in the United States are for five families of game birds which are almost wholly of the marsh and aquatic species. There are no national bird reservations in Colorado, but there are a number of state game refuges established by the legislature.

OFFICIAL AND OTHER BIRDS

The twenty-eighth general assembly of the Colorado legislature passed an act in 1931 declaring the Lark Bunting, scientifically known as Calamospiza Melanocorys Stejneger, to be the official state bird. The act was approved by Governor William H. Adams on April 29, 1931. The Lark Bunting is six to seven inches long, with a stout, conical bill and long, pointed wings. The male has black feathers with white edgings on the tail and wings and the female is brown with white edgings. It is an inhabitant of the prairie country, does not frequent the mountains and is to be found mostly in the eastern part of the state. It is seldom seen on the western slope of the mountains. The bird migrates to the south, usually about the 10th of September, and returns about the same date in May. It usually arrives in large flocks. It builds its nest on the ground. One of its peculiar characteristics is the method of its flight. It rises almost perpendicularly from the ground and invariably sings as it mounts upward. It is noted as a singer.

Between 405 and 420 species of birds are to be found in Colorado, the number including migratory birds that remain only for a season. All known species are on exhibition at the Colorado museum of natural history in Denver, either mounted individually or in groups or in study collections.

PIKE'S PEAK

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

Colorado Agricultural Statistics For 1933

Value—Colorado farm crops produced in 1933 are valued at $65,393,000, compared with $41,566,000 in 1932 and $59,823,330 in 1931, according to the annual crop report of the Colorado Cooperative Crop and Livestock Reporting Service. This valuation is placed on the total production of all crops and based upon annual prices secured by weighting monthly prices to growers by estimates of monthly marketings.

Production—The 1933 yields in Colorado of corn, all hay, grain sorghums, sugar beets, potatoes and dry beans were higher than in 1932 but lower for practically all other crops. There was, however, a sharp general improvement in prices over those received in 1932. The total acreage harvested in 1933 was 6,282,310 acres; this was 106.5 per cent of 1932 and 93.03 per cent of the acreage harvested in 1931. The acreages harvested of corn, spring wheat, oats, sorghums, all hay, sugar beets, broom corn, dry beans and field peas were larger than in 1932, with reductions in acreages of winter wheat, rye, barley, potatoes, and truck crops. The important crops to show increased production over 1932 were corn, spring wheat, oats, grain and sweet sorghums, all hay, sugar beets, dry beans and potatoes.

Review of the 1933 Crop Season—Winter wheat and rye were seeded in the fall of 1932 under very dry soil conditions and as a result only a small part of the total seeded acreage germinated before winter set in. The winter months were unfavorable for fall-sown grains. Snowfall was light and high winds prevailed during February, March, and early April. The 1933 winter wheat acreage harvested was the smallest since 1917 and abandonment of both winter wheat and rye acreage was the heaviest on record. This made available a large acreage for corn, sorghums, barley, dry beans and other crops. The drouth which had prevailed in Colorado since May, 1931, was definitely broken the last two weeks of April and the first part of May, when above normal rainfall was received generally over the state. Planting of corn, dry beans, sorghums and other row crops was delayed because of the heavy rains, and crop growth continued ten days to two weeks late all summer. The months of June and July were hot and dry, with high winds prevailing. Condition of crops declined rapidly and abandonment of spring-sown grains was above average but only about one-half as heavy as in the previous year. Abandonment of corn acreage in 1933 was 12 per cent, barley 43 per cent, oats 23 per cent, dry beans 21 per cent, spring wheat 24 per cent, and potatoes 6 per cent. A severe hail storm on July 16 destroyed crops over a large area in Elbert and El Paso counties. Hot, dry weather continued the first half of August, but the last of the month above-normal rainfall and moderate temperatures relieved the situation over the San Luis valley and all of eastern Colorado except the extreme southeastern area. September rainfall was above normal over the entire state and was particularly beneficial to late-planted crops. Ranges made remarkable recovery from the summer's drouth. Early fall weather was favorable for seeding fall grains but with October and November extremely dry, winter wheat and rye made unsatisfactory fall growth. Seeds in many fields failed to germinate before winter set in. The late, dry fall, however, favored the maturity of all late-planted crops.

Fruit crops were severely injured by low February temperature. Production was not only reduced to the lowest in several years, but many trees were either frozen back or completely killed. Irrigation water was more plentiful than in the previous two years. Some shortage in later water developed in all areas, but particularly in the San Juan basin. The year closed with winter wheat and rye suffering from lack of moisture, but with ample forage and grain feeds on hand to winter livestock in all areas of the state except extreme southeastern counties, where crop production in 1933 was very poor because of continued drouth.

The estimated number of livestock in Colorado on January 1, 1934, compared with January 1, 1933, shows an increase in the number of all cattle, milk cows and heifers kept for milk, in cattle on feed, and a decrease in all lambs and sheep, sheep and lambs on feed, hogs, horses and mules. Colorado livestock on January 1, 1934, was valued at $52,022,000, compared with

$46,675,000 a year earlier and $60,459,000 on January 1, 1932. Livestock increased by 2 per cent in animal units but the greater increase in value was due to better prices for all species except cattle.

Hay—Hay ranks first among Colorado crops in value. The 1933 total value was $12,695,000, compared with $13,602,000 in 1932. The 1933 tame hay crop was appreciably above 1932 and 1931, but below the five-year average production. Yields were fairly satisfactory in Western Slope, San Luis Valley, northern Colorado, and upper Arkansas Valley counties but were low in eastern and southeastern areas of the state. The 1933 tame hay crop, consisting principally of alfalfa, timothy, clover, and millet, was 1,993,000 tons produced on 1,334,000 acres, or an average of 1.49 tons per acre. In 1932, 1,830,000 tons were produced on 1,274,000 acres, or an average yield of 1.44 tons per acre. The five-year (1926-1930) average was 2,299,000 tons. Wild hay production in 1933 was 410,000 tons on 373,000 acres, compared with 329,000 tons on 366,000 acres in 1932. The five-year average of wild hay production has been 381,000 tons.

Sugar Beets—Colorado continues to rank first among all states in sugar beet production. The 1933 value was $13,140,000, compared with the 1932 value of $8,270,000. The 1933 crop of 2,624,000 tons was produced on 209,000 acres; in 1932, 1,777,000 tons were produced on 156,000 acres. The five-year (1924-1928) average production has been 2,446,000 tons.

Corn—The 1933 corn acreage harvested was the largest on record. The increase was due largely to the considerable area of abandoned winter wheat land planted to corn. There was also a shortage of corn carried over from the previous year's crop, which encouraged an expansion of corn acreage. Production in 1933 was 22,044,000 bushels on 2,004,000 acres with an average yield of 11 bushels per acre, compared with 14,318,000 bushels produced on 1,909,000 acres in 1932, or an average yield of 7.5 bushels per acre. The five-year (1924-1928) average production has been 17,658,000 bushels. The 1933 value was $8,156,280, compared with $3,742,000 for 1932. Of the total acres harvested in 1933, it is estimated that 1,617,000 acres were harvested for grain, 333,000 acres grazed or hogged off, and 54,000 acres cut for silage. The yield of corn for silage was 5.29 tons per acre. About 9 per cent of the Colorado corn acreage is under irrigation.

Wheat—The 1933 wheat crop was valued at $3,714,000 compared with $2,499,000 in 1932.

Winter Wheat—Winter wheat suffered the heaviest abandonment on record because of extreme lack of soil moisture at seeding time and the subsequent unfavorable growing conditions. With 70 per cent of the planted acreage abandoned, only 268,000 acres were harvested, the smallest acreage since 1917. The 1933 production was 2,412,000 bushels, or an average of 9 bushels per acre. In 1932, 4,626,000 bushels were produced on 487,000 acres, or an average yield of 9.5 bushels per acre. The five-year (1924-1928) average production has been 15,123,000 bushels. About 92 per cent of the winter wheat harvested for 1933 was grown without irrigation. In the fall of 1933, 938,000 acres of winter wheat were sown in Colorado, an increase of 5 per cent over the previous fall. About 50 per cent of the early seeding was completed under favorable seed bed conditions, but later, due to dry weather, seed beds were not in favorable condition for germination or early growth. The first general moisture came during the first week in December but too late to help growth of later-planted wheat. The winter was mild, warm and dry. No more general moisture was received until the last week in February, and due to the open, mild weather which followed wheat grew rapidly. Prospects were excellent for wheat in all areas, but warm weather continued during March and April with no rainfall. During April and May, hot, drying winds took away practically all surface moisture. There has been an accumulated deficiency in sub-soil moisture since 1931 and because of unfavorable soil moisture condition all dry land wheat deteriorated rapidly. On June 1, 1934, a large acreage of dry land winter wheat in the great plains counties had been abandoned. Winter wheat condition on May 1, 1934, was 73 per cent of normal, compared with 72 per cent on April 1, 40 per cent on May 1, 1933, and 81 per cent, the ten-year (1921-1930) average for May 1. But during May the condition declined 33 points because of drouth and drying hot winds.

Spring Wheat—In 1933, 280,000 acres of spring wheat were harvested, with an average yield of 12.5 bushels

per acre, and a total production of 3,500,000 bushels, compared with 193,000 acres harvested in 1932, with an average yield of 13 bushels per acre, and a total production of 2,509,000 bushels. The five-year average production has been 4,623,000 bushels. Of the total acreage, 61 per cent was grown on non-irrigated land.

Oats—The 1933 oat crop was valued at $1,157,000, compared with $744,000 in 1932. The 1933 production was 4,131,000 bushels, or an average of 25.5 bushels per acre on 162,000 acres, compared with 3,736,000 bushels produced in 1932 with an average yield of 26.5 bushels on 141,000 acres. The five-year (1924-1928) average was 5,506,000 bushels. About 50 per cent of the Colorado oats acreage is non-irrigated.

Barley—Barley production in 1933 was 6,880,000 bushels on 430,000 acres, or an average yield of 16 bushels per acre. This compared with 7,244,000 bushels produced in 1932 on 439,000 acres, or an average of 16.5 bushels per acre. The five-year (1924-1928) average production has been 7,107,000 bushels. The 1933 value was $1,995,200, compared with 1,361,000 the previous year. About 34 per cent of the barley acreage is grown under irrigation.

Rye—Rye harvested in 1933 totaled 18,000 acres, with a yield of 6.5 bushels per acre, and a production of 117,000 bushels. In 1932, 25,000 acres produced 6 bushels per acre, and a total production of 150,000 bushels. The five-year (1924-1928) average production has been 675,000 bushels. The 1933 rye crop had a value of $56,000, compared with $34,000 in 1932. A considerable acreage of rye is also used for hay and pasture.

Dry Beans—Colorado produced 1,138,000 100-pound bags of dry beans in 1933, of which 1,112,000 bags were Pintos, 11,000 bags were garden varieties, and 15,000 bags Great Northerns, compared with 438,000 bags produced in 1932, of which 425,000 bags were Pintos, 8,000 bags were garden varieties, and 5,000 bags Great Northerns.

The 1933 average yield was 330 pounds per acre on 345,000 acres, compared with 198 pounds per acre on 221,000 acres in 1932. The 1933 value was $3,243,000, compared with $704,000 in 1932. In 1933 there were 2,200 acres of beans grown under contract for seed, compared with 1,400 acres in 1932. The seed beans are grown under irrigation, largely in Weld county and in the Arkansas valley from Pueblo to Rocky Ford. The shipments of beans from the 1932 crop was 835 cars and from the 1933 crop, up to May 1, were 1.764 cars.

Potatoes—In 1933, 87,000 acres of potatoes with an average yield of 150 bushels per acre produced 13,050,000 bushels. This compared with 100,000 acres, 110 bushels per acre, and 11,000,000 bushels produced in 1932. The five-year (1924-1928) average production has been 13,511,000 bushels. Yields were very much better in all areas in 1933 than in 1932, except in southwestern counties, where there was a shortage of early moisture.

The value of the 1933 potato crop was $8,352,000, compared with $2,860,000 in 1932. Carlot shipments from the 1932 crop were 7,266 cars, while shipments from the 1933 crop were 12,100 cars up to June 1, 1934. About 84 per cent of the potato crop is irrigated.

Sorghums—About 284,000 acres of grain sorghums were harvested in 1933, with an average yield of 7.5 bushels per acre and a total production of 2,130,000 bushels. This compares with 206,000 acres in 1932, 6 bushels per acre, and a production of 1,236,000 bushels. The five-year (1924-1928) average has been 2,235,000 bushels. The 1933 value of grain sorghums was $746,000, compared with $198,000 in 1932. It is estimated that 63,000 acres of the 1933 grain sorghum crop were harvested for grain and 221,000 acres for forage. In addition to the grain sorghums, there were 210,000 acres of sweet sorghums harvested in 1933 and 142,000 acres harvested in 1932, which crop was produced mostly for forage.

Broomcorn—In 1933, 55,000 acres produced 4,400 tons, compared with 51,000 acres and 5,600 tons produced in 1932. The five-year (1924-1928) average production has been 4,600 tons. The 1933 value of $418,000 compared with $244,000 in 1932. The Colorado broomcorn acreage is concentrated in the southeastern part of the state, with Baca and Prowers counties producing nearly the entire crop. Severe drouth over southeastern Colorado the last two seasons has resulted in very low broomcorn production.

Millet—About 145,000 acres of millet were harvested in 1933, of which 24,000 were cut for seed and the remainder cut for hay or used for pasture. In 1932, 122,000 acres were pro-

duced, of which 19,000 acres were cut for seed.

Field Peas—In 1933, 55,000 acres of field peas produced 605,000 bushels, while in 1932 the 54,000 acres produced 648,000 bushels. Nearly the entire acreage is grown in the San Luis valley. A large part of the crop is grazed or hogged off but some acreage is cut for hay and seed.

Seed Crops — Colorado soil and climatic conditions are very favorable for the development of high quality seed crops, and their production makes up an important part of the agriculture in certain sections of the state. In 1933, 2,200 acres of seed beans were harvested, compared with 1,400 acres in 1932, 2,880 acres in 1931, 11,000 acres in 1930, and 9,000 acres in 1929. Seed beans are produced largely in the Greeley and Pueblo-Rocky Ford districts in Colorado. In 1933 about 2,130 acres of cucumbers were grown for seed, largely in Otero and Pueblo counties, compared with 1,600 acres in 1932, 2,200 acres in 1931 and 4,400 acres in 1930. About 1,850 acres of cantaloupes were harvested for seed in 1933, compared with 2,000 acres in 1932, 1,800 acres in 1931 and 2,400 acres in 1930. These were produced mostly in Otero county, with some acreages in Fremont, Mesa, Delta, Montrose, and Pueblo counties. About 10,000 acres of alfalfa were harvested for seed in 1933, producing 25,000 bushels. In 1932 about the same acreage and production obtained. In 1933 and 1932, 3,500 acres of sweet clover produced 12,200 and 15,800 bushels, respectively. About 1,400 acres of red clover were harvested for seed in 1933, with a production of 4,900 bushels, against 2,000 acres harvested in 1932 and 1931 with a production of 6,000 and 9,000 bushels, respectively. Most of the red clover and alfalfa seed is produced in the Arkansas valley, with some alfalfa seed produced on the Western Slope, in northern Colorado, and in a few eastern counties.

Truck Crops—The production of commercial truck crops is an important part of Colorado agriculture. In 1933 it is estimated that 54,365 acres of commercial truck crops were harvested, with a value of $4,766,940. This compares with 64,340 acres harvested and value of 3,366,000 in 1932. The Arkansas valley leads in cantaloupe and onion production, with cauliflower, celery, cabbage, tomatoes, carrots and other vegetables of importance. The San Luis valley produces large quantities of pod peas, lettuce, cauliflower, and cabbage. The Western Slope area produces onions, cantaloupes, tomatoes, and other vegetables. Routt and Grand counties are important in lettuce production, with a considerable acreage of spinach. Northern Colorado and the Denver district produce a large acreage of onions, cantaloupes, pod peas, snap beans, celery and other vegetables for market and canning. Information concerning acreage, production, and farm value of each crop will be found on pages 104 and 105.

FRUITS

Apples—The 1933 apple crop was 1,454,000 bushels, compared with 2,139,000 bushels produced in 1932. Shipments from the 1933 crop were 683 cars, compared with 1,365 shipped from the 1932 crop. Delta county is the leading apple producing county, with production also important in Mesa, Montrose, Garfield, Fremont, Jefferson, Larimer, and Boulder counties.

Peaches—The 1933 peach crop was 578,000 bushels, which was 48.1 per cent of the 1932 crop. The 1,201,000 bushels produced in 1932 was the largest crop ever produced. The Palisades district of Mesa county produces nearly 80 per cent of the Colorado peaches, with the North Fork section of Delta county of considerable commercial importance. In 1933, 842 cars were shipped, compared with 1,743 cars in 1932. In addition to shipments in straight cars, there was a heavy movement of peaches by truck, express and mixed cars.

Pears—The 1933 pear production amounted to 271,000 bushels, compared with 377,000 bushels in 1932. Pears are produced largely in the Clifton district of Mesa county, with some production in Delta county. Only 79 cars of pears were shipped from the 1933 crop and 125 cars from the 1932 crop because of low production, poor quality, and unfavorable prices. The record shipment occurred in 1929, when 1,082 cars were shipped.

Cherries—The 1933 cherry production was 1,976 tons, compared with 3,825 tons produced in 1932. Cherries are produced principally in Larimer, Fremont, Jefferson, Boulder, and Mesa counties. Sweet cherries are grown in Delta, Mesa, and Jefferson counties. A large part of the cherry production in Colorado is used for canning purposes.

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1933, 1932, 1931, 1930 AND 1929, AND COLORADO'S PROPORTION OF TOTALS

Crop and Year	Acreage	Production	Unit	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
						Acreage	Production	Value
Corn:								
1933	102,239,000	2,330,237,000	Bu.	$ .39	$ 917,605,000	1.96	.95	.82
1932	108,668,000	2,906,873,000	Bu.	.19	558,902,000	1.76	.49	.56
1931	105,948,000	2,588,509,000	Bu.	.36	929,147,000	1.73	.67	.75
1930	100,793,000	2,059,641,000	Bu.	.594	1,223,427,000	1.82	1.92	1.55
1929	97,806,000	2,535,386,000	Bu.	.798	2,023,238,000	1.57	.88	.78
Oats (Grain):								
1933	36,541,000	722,485,000	Bu.	.30	219,520,000	.44	.57	.53
1932	41,425,000	1,246,658,000	Bu.	.13	167,333,000	.34	.30	.47
1931	40,084,000	1,126,913,000	Bu.	.23	259,553,000	.35	.30	.39
1930	39,597,000	1,276,035,000	Bu.	.322	410,883,000	.49	1.47	.51
1929	38,148,000	1,118,414,000	Bu.	.419	468,615,000	.53	.53	.59
Barley:								
1933	10,052,000	156,104,000	Bu.	.41	63,486,000	4.28	4.41	3.03
1932	13,346,000	302,042,000	Bu.	.20	60,689,000	3.29	2.38	2.39
1931	11,424,000	198,543,000	Bu.	.35	70,034,000	4.13	3.68	3.24
1930	12,666,000	303,752,000	Bu.	.404	122,716,000	4.66	3.98	3.94
1929	13,523,000	280,242,000	Bu.	.539	151,050,000	4.50	3.91	3.98
All Wheat:								
1933	47,493,000	527,413,000	Bu.	.678	357,525,000	1.15	1.12	.97
1932	57,204,000	744,076,000	Bu.	.320	238,305,000	1.19	.96	.92
1931	57,103,000	932,221,000	Bu.	.443	413,075,000	2.43	1.78	1.75
1930	61,140,000	857,427,000	Bu.	.671	575,334,000	2.54	2.52	2.32
1929	62,271,000	812,573,000	Bu.	1.035	841,013,000	2.46	2.21	2.05
Rye:								
1933	2,352,000	21,184,000	Bu.	.55	11,737,000	.77	.55	.47
1932	3,344,000	40,639,000	Bu.	.22	9,073,000	.75	.37	.35
1931	3,104,000	32,290,000	Bu.	.39	12,524,000	1.71	1.15	.92
1930	3,543,000	45,481,000	Bu.	.442	20,103,000	2.09	1.38	1.25
1929	3,054,000	34,950,000	Bu.	.858	29,987,000	2.10	1.46	1.25
Dry Beans:								
1933	1,671,000	12,280,000	100-lb. bags	2.71	33,226,000	20.65	9.27	9.08
1932	1,408,000	10,440,000	100-lb. bags	1.63	17,039,000	15.70	4.20	3.86
1931	1,913,000	12,843,000	100-lb. bags	2.45	31,489,000	18.35	7.05	5.18
1930	2,110,000	13,900,000	100-lb. bags	4.21	58,519,000	21.33	19.42	12.92
1929	1,836,000	12,240,000	100-lb. bags	6.77	82,865,000	20.26	10.94	7.92
Potatoes (White):								
1933	3,184,000	317,143,000	Bu.	.70	222,667,000	2.73	4.11	2.81
1932	3,381,000	358,009,000	Bu.	.35	126,264,000	2.96	3.07	2.09
1931	3,366,000	372,994,000	Bu.	.43	160,492,000	3.00	2.57	1.79
1930	3,038,000	333,936,000	Bu.	.91	303,882,000	3.03	5.23	3.97
1929	2,978,000	329,134,000	Bu.	1.32	434,457,000	3.02	4.46	3.85
Sugar Beets:								
1933	984,000	11,085,000	Ton	5.32	58,988,000	21.24	23.71	22.28
1932	764,000	9,070,000	Ton	5.26	47,705,000	20.42	19.59	17.21
1931	713,000	7,903,000	Ton	5.94	46,948,000	31.42	32.04	29.36
1930	775,000	9,199,000	Ton	7.14	65,681,000	31.23	36.00	34.84
1929	687,000	7,315,000	Ton	7.082	51,805,000	30.57	35.71	34.94
Grain Sorghums:								
1933	8,143,000	87,884,000	Bu.	.41	35,802,000	3.49	2.42	2.08
1932	7,864,000	106,306,000	Bu.	.19	20,473,000	2.62	1.16	.97
1931	7,166,000	105,369,000	Bu.	.30	31,601,000	2.67	1.99	1.53
1930	6,586,000	64,416,000	Bu.	.562	36,202,000	2.73	3.63	2.59
1929	6,131,000	81,041,000	Bu.	.668	54,135,000	2.85	2.27	1.97
Sweet Sorghums (forage and hay):								
1933	3,363,000	4,800,000	Ton	5.16	24,764,000	6.24	6.12	4.87
1932	2,633,000	3,845,000	Ton	4.05	15,574,000	5.39	2.96	3.48
1931	2,333,000	3,553,000	Ton	5.71	20,283,000	5.06	3.49	2.93
1930	1,818,000	2,698,000	Ton	9.01	24,309,000	5.67	6.79	4.28
1929	1,850,000	3,253,000	Ton	8.92	29,010,000	5.68	5.81	5.21

Note—Figures revised by United States Department of Agriculture.

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1933, 1932, 1931, 1930 AND 1929, AND COLORADO'S PROPORTION OF TOTALS—Continued

Crop and Year	Acreage	Production	Unit	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
						Acreage	Production	Value
All Hay:								
1933	66,144,000	74,485,000	Ton	$ 7.77	$ 578,553,000	2.58	3.23	2.19
1932	67,557,000	82,336,000	Ton	6.26	515,136,000	2.43	2.62	2.65
1931	66,389,000	73,708,000	Ton	8.71	641,892,000	2.44	2.63	2.29
1930	66,416,000	74,310,000	Ton	11.47	819,488,000	2.50	3.13	2.80
1929	68,605,000	87,308,000	Ton	11.46	948,850,000	2.36	2.98	2.88
Broomcorn:								
1933	296,000	32,900	Ton	108.94	3,584,000	18.58	13.37	11.66
1932	304,000	36,900	Ton	43.41	1,602,000	16.78	15.18	11.86
1931	298,000	45,200	Ton	50.82	2,297,000	15.10	12.39	10.23
1930	391,000	49,800	Ton	65.60	3,267,000	19.69	20.88	15.92
1929	310,000	47,300	Ton	114.52	5,417,000	20.65	19.45	18.00
Alfalfa Seed:								
1933	382,300	922,900	Bu.	5.30	4,890,000	2.62	2.71	2.97
1932	274,400	535,800	Bu.	4.98	2,670,000	3.64	4.67	4.68
1931	361,100	838,900	Bu.	6.92	5,806,000	2.69	3.47	3.26
1930	441,000	1,166,000	Bu.	10.75	12,535,000	4.88	5.53	5.04
1929	401,400	982,400	Bu.	12.01	11,799,000	3.24	5.29	4.32
Clover Seed (Red and Alsike):								
1933	1,006,000	1,399,600	Bu.	5.87	8,212,000	.14	.35	.32
1932	1,100,600	1,686,400	Bu.	4.63	7,808,000	.18	.36	.41
1931	825,100	1,118,000	Bu.	7.12	7,960,000	.24	.81	.57
1930	1,055,000	1,491,000	Bu.	11.55	17,221,000	.19	.67	.56
1929	1,789,000	2,627,300	Bu.	10.45	27,455,000	.14	.57	.51
FRUITS								
Apples:								
1933	----------	143,827,000	Bu.	.68	97,949,000	---	1.01	.82
1932	----------	140,775,000	Bu.	.52	73,645,000	---	1.52	1.02
1931	----------	202,415,000	Bu.	.58	116,949,000	---	.99	1.03
1930	----------	153,324,000	Bu.	1.022	156,697,000	---	.64	.54
1929	----------	135,622,000	Bu.	1.386	187,972,000	---	1.70	1.36
Peaches:								
1933	----------	45,326,000	Bu.	.76	32,618,000	---	1.28	2.30
1932	----------	42,443,000	Bu.	.53	18,897,000	---	2.83	2.67
1931	----------	76,586,000	Bu.	.56	40,726,000	---	1.48	1.39
1930	----------	54,199,000	Bu.	.887	48,075,000	---	1.41	2.30
1929	----------	45,026,000	Bu.	1.326	59,704,000	---	2.12	2.31
Pears:								
1933	----------	21,192,000	Bu.	.52	10,252,000	---	1.28	1.72
1932	----------	22,050,000	Bu.	.39	7,627,000	---	1.71	1.98
1931	----------	23,346,000	Bu.	.60	13,667,000	---	2.25	2.30
1930	----------	25,633,000	Bu.	.751	19,250,000	---	.78	1.35
1929	----------	21,172,000	Bu.	1.426	30,191,000	---	2.83	2.98
Cherries:								
1933	----------	112,498	Ton	56.36	6,312,000	---	1.76	1.70
1932	----------	127,118	Ton	43.72	5,157,000	---	3.01	3.86
1931	----------	112,100	Ton	74.74	7,964,000	---	2.23	2.20
1930	----------	114,400	Ton	128.39	14,688,000	---	3.06	2.14
1929	----------	93,130	Ton	160.83	14,978,000	---	5.48	4.09
Grapes:								
1933	----------	1,809,000	Ton	17.82	32,114,000	---	.02	.07
1932	----------	2,204,000	Ton	13.16	26,983,000	---	.02	.08
1931	----------	1,622,000	Ton	22.26	36,100,000	---	.02	.04
1930	----------	2,441,000	Ton	19.28	47,062,000	---	.01	.04
1929	----------	2,080,040	Ton	27.23	56,639,000	---	.02	.06

Note—Figures revised by United States Department of Agriculture.

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1933, 1932, 1931, 1930 AND 1929, AND COLORADO'S PROPORTION OF TOTALS—Continued

Crop and Year	Acreage	Production	Unit	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
						Acreage	Production	Value
TRUCK CROPS								
Beans, Snap:								
1933	157,910	----------	----	----	$ 11,624,000	1.34	---	1.84
1932	153,710	----------	----	----	12,129,000	1.69	---	1.40
1931	167,140	----------	----	----	16,019,000	1.79	---	2.15
1930	189,270	----------	----	----	14,280,000	2.03	---	3.20
1929	159,420	----------	----	----	20,324,000	2.38	---	1.55
Cabbage:								
1933	124,770	723,200	Ton	$ 17.48	12,531,000	3.17	5.38	5.30
1932	140,310	987,100	Ton	11.60	11,168,000	2.96	3.20	1.56
1931	150,360	1,017,200	Ton	10.38	9,827,000	2.53	3.10	2.41
1930	151,940	1,018,000	Ton	19.18	19,530,000	2.57	4.78	2.15
1929	142,820	1,035,600	Ton	18.37	19,633,000	2.31	3.38	3.64
Cantaloupes:								
1933	109,050	12,762,000	Crate	.81	9,589,000	8.09	11.75	8.59
1932	135,780	17,021,000	Crate	.83	11,485,000	5.43	6.50	6.74
1931	138,310	17,817,000	Crate	1.00	17,385,000	5.86	6.52	5.54
1930	129,010	15,939,000	Crate	1.21	19,256,000	7.75	12.55	12.46
1929	108,670	17,373,000	Crate	1.30	22,596,000	10.11	14.55	9.29
Cauliflower:								
1933	30,150	7,162,000	Crate	.62	4,321,000	10.41	11.39	7.55
1932	31,800	7,730,000	Crate	.63	4,766,000	14.09	11.63	7.44
1931	29,360	7,194,000	Crate	.77	5,554,000	13.28	14.10	12.78
1930	27,610	5,849,000	Crate	.82	4,789,000	10.14	15.32	14.97
1929	25,070	6,666,000	Crate	.77	5,157,000	12.76	16.95	15.64
Lettuce:								
1933	139,110	17,149,000	Crate	1.28	21,940,000	4.05	3.28	2.57
1932	163,650	17,820,000	Crate	1.26	21,729,000	5.08	2.48	1.02
1931	175,430	19,609,000	Crate	1.48	28,944,000	3.39	3.05	2.69
1930	172,620	19,591,000	Crate	1.71	33,582,000	4.31	3.42	1.70
1929	139,160	20,220,000	Crate	1.82	36,794,000	5.82	4.41	3.03
Onions:								
1933	78,250	20,802,000	Bu.	.61	12,611,000	5.30	5.48	4.07
1932	91,670	27,906,000	Bu.	.39	10,435,000	6.19	5.27	3.24
1931	77,630	19,163,000	Bu.	.79	14,490,000	5.22	4.82	4.71
1930	33,060	26,002,000	Bu.	.51	13,186,000	6.74	6.63	4.19
1929	87,340	25,113,000	Bu.	.74	18,502,000	8.01	10.13	6.28
Peas, Green:								
1933	323,640	----------	----	----	13,498,000	3.91	---	4.75
1932	299,240	----------	----	----	13,996,000	4.62	---	2.40
1931	306,670	----------	----	----	16,602,000	3.26	---	4.98
1930	346,900	----------	----	----	23,622,000	2.74	---	3.04
1929	298,470	----------	----	----	20,952,000	3.49	---	3.57
Tomatoes:								
1933	412,880	----------	----	----	29,245,000	.73	---	1.04
1932	437,410	----------	----	----	30,413,000	.96	---	.70
1931	454,760	----------	----	----	29,852,000	.83	---	1.36
1930	564,300	----------	----	----	53,955,000	.61	---	.58
1929	466,810	----------	----	----	54,181,000	.67	---	.59
Crops not listed:								
1933	42,097,940	----------	----	----	1,241,374,000	---	---	---
1932	49,358,415	----------	----	----	841,983,000	---	---	---
1931	52,324,140	----------	----	----	1,115,174,000	---	---	---
1930	55,496,290	----------	----	----	2,270,612,000	---	---	---
1929	57,009,840	----------	----	----	3,189,775,000	---	---	---
Totals:								
1933	327,324,000	----------	----	----	4,076,537,000	1.92	---	1.46
1932	359,422,000	----------	----	----	2,878,986,000	1.65	---	1.40
1931	354,851,000	----------	----	----	4,102,354,000	1.89	---	1.52
1930	357,530,000	----------	----	----	6,432,151,000	2.03	---	1.91
1929	357,827,000	----------	----	----	8,897,094,000	1.90	---	1.51

Note—Figures revised by United States Department of Agriculture.

FARM VALUES OF CROPS BY COUNTIES, 1933

COUNTY	Corn	Oats	Barley	Wheat	Rye	Dry Beans	Potatoes	Sugar Beets	Sorghums	All Hay	Fruits	Commercial Truck Crops	Miscellaneous Crops	Totals
Adams	$ 212,150	$ 15,950	$ 67,920	$ 209,610	$ 780	$ 143,420	$ 19,140	$ 530,550	$ 80,520	$ 158,580	$ 4,900	$ 433,990	$ 54,070	$ 1,931,580
Alamosa	------	28,810	25,320	49,000	------	------	641,520	41,100	------	325,950	100	33,040	42,440	1,187,280
Arapahoe	153,850	9,170	38,860	85,910	1,000	137,460	990	27,700	40,470	137,460	4,400	44,430	9,120	690,820
Archuleta	6,160	25,120	3,120	29,690	------	160	33,700	-------	------	156,880	170	220	2,140	257,360
Baca	75,740	1,820	17,710	182,590	170	12,740	60	-------	110,080	18,070	400	------	336,520	755,900
Bent	124,100	3,420	41,710	34,670	80	4,160	320	214,400	60,700	288,070	880	147,450	44,680	964,640
Boulder	118,910	73,950	91,410	191,310	------	3,960	18,400	479,250	250	359,000	41,240	87,020	38,970	1,503,670
Chaffee	------	8,040	9,190	7,540	30	200	12,480	-------	------	60,590	2,420	41,490	8,020	150,000
Cheyenne	289,700	180	5,420	9,230	20	9,110	720	-------	128,950	40,060	340	------	6,390	490,120
Clear Creek	------	60	------	------	------	------	800	-------	------	7,760	------	------	------	8,620
Conejos	620	22,480	44,270	75,650	------	8,000	607,040	11,800	------	298,160	250	201,260	60,720	1,330,250
Costilla	370	19,330	28,280	50,210	------	4,070	62,000	1,350	------	105,240	80	330,390	109,590	710,910
Crowley	54,840	3,230	5,120	4,600	40	43,920	140	110,200	14,600	96,710	2,800	235,180	14,910	586,290
Custer	3,320	9,970	4,810	5,060	650	------	110,560	-------	260	133,080	20	131,240	4,110	403,080
Delta	63,710	31,090	14,110	67,290	70	2,590	126,090	215,200	200	398,600	596,700	106,390	29,880	1,651,920
Denver	------	------	------	------	------	------	------	-------	------	------	------	------	------	------
Dolores	7,770	4,410	1,280	18,280	340	27,820	18,300	-------	1,150	7,210	250	------	1,260	88,070
Douglas	82,920	27,940	3,390	19,300	8,490	17,700	3,650	-------	9,050	135,630	820	220	6,750	315,860
Eagle	110	20,010	6,260	33,750	------	------	152,200	-------	------	264,200	920	26,920	4,270	508,640
Elbert	334,880	30,490	20,030	56,820	7,060	471,280	12,670	-------	90,660	147,100	900	220	16,160	1,188,270
El Paso	350,460	33,500	2,910	20,430	4,980	382,210	15,010	52,800	52,170	178,570	920	7,590	19,110	1,120,660
Fremont	32,820	10,510	2,340	4,280	80	1,050	14,720	1,750	470	132,150	79,560	184,730	15,510	479,970
Garfield	16,330	24,530	10,420	81,190	140	2,850	325,310	159,900	680	569,560	22,300	6,520	27,200	1,246,930
Gilpin	------	340	------	60	100	------	4,930	-------	------	7,460	------	------	600	13,490
Grand	------	11,270	2,770	840	260	------	5,380	-------	------	282,180	------	50,000	2,710	355,410
Gunnison	------	3,160	1,640	980	70	------	22,590	-------	------	432,800	50	------	3,220	464,510
Hinsdale	------	------	------	------	------	------	420	-------	------	23,140	------	------	------	23,560
Huerfano	24,910	9,710	10,970	------	130	15,820	5,950	7,800	9,980	179,860	700	5,360	7,960	279,150
Jackson	------	720	------	60	70	------	2,780	-------	------	645,920	------	------	1,220	650,770
Jefferson	38,550	29,860	18,660	60,210	690	1,380	11,870	39,450	690	192,890	70,700	283,490	27,050	775,490
Kiowa	207,690	330	5,600	10,460	40	1,140	290	-------	131,400	17,510	200	340	16,050	391,050
Kit Carson	705,950	4,270	42,640	34,790	80	14,620	8,800	-------	165,890	81,470	350	170	21,150	1,080,180

Lake	------	------	------	------	------	------	------	-------	------	43,370	------	------	200	43,570
La Plata	16,560	44,480	13,460	103,080	------	4,460	67,070	-------	870	305,400	11,500	2,700	11,870	581,450
Larimer	96,980	59,160	187,380	149,580	100	18,760	50,560	1,012,300	11,130	559,530	115,900	50,320	62,070	2,373,770
Las Animas	78,420	11,960	8,230	13,550	100	158,880	3,650	85,100	15,210	153,900	700	40,970	26,190	596,860
Lincoln	220,150	240	19,330	31,550	380	194,430	5,120	-------	100,460	88,820	300	------	12,450	673,230
Logan	518,150	30,530	138,870	248,360	3,730	58,960	95,990	1,185,100	119,910	387,990	470	13,410	106,680	2,908,150
Mesa	77,400	26,310	6,740	53,380	380	90,660	69,270	113,950	3,710	418,060	913,700	79,070	48,530	1,901,160
Mineral	------	------	------	------	------	------	360	-------	------	29,010	------	------	------	29,370
Moffat	8,320	13,020	5,830	38,780	5,950	620	32,060	-------	840	210,590	500	900	14,170	331,580
Montezuma	38,330	52,320	12,800	89,990	540	57,350	102,910	-------	2,770	211,270	42,420	5,710	6,680	623,090
Montrose	75,860	55,430	11,910	174,990	130	7,360	558,850	128,250	180	617,240	52,200	152,470	29,680	1,864,550
Morgan	416,370	14,180	80,150	67,670	550	180,270	71,400	1,626,150	128,130	369,340	720	11,830	93,910	3,060,670
Otero	121,920	19,480	56,700	15,710	580	135,800	380	766,550	18,070	305,490	7,700	763,480	104,600	2,316,460
Ouray	2,360	8,650	2,830	11,270	------	------	14,990	-------	------	141,030	550	------	690	182,370
Park	------	760	60	150	------	------	51,840	-------	------	282,840	------	------	870	336,520
Phillips	393,440	14,130	28,970	134,620	990	6,140	3,460	-------	39,110	50,620	320	------	15,240	687,040
Pitkin	------	15,170	590	11,480	------	------	104,190	-------	------	82,730	360	------	780	215,300
Prowers	152,890	14,110	67,590	58,600	150	2,100	320	318,500	95,450	375,060	370	9,840	101,370	1,196,350
Pueblo	166,520	7,370	14,830	20,780	90	181,450	580	513,550	21,460	218,550	6,230	619,110	56,550	1,827,070
Rio Blanco	------	23,240	4,170	32,820	580	------	11,140	-------	------	328,170	320	------	7,970	408,410
Rio Grande	310	39,320	59,720	119,890	------	------	2,151,550	5,200	------	419,310	650	210,470	118,280	3,124,700
Routt	------	54,130	21,400	65,120	560	------	42,240	-------	------	449,700	1,420	173,800	6,280	814,650
Saguache	190	29,430	18,880	38,290	------	------	798,720	4,850	------	577,610	320	2,590	49,600	1,520,480
San Juan	------	------	------	------	------	------	------	-------	------	------	------	------	------	-------
San Miguel	2,680	2,690	3,330	18,290	70	780	17,380	-------	80	68,330	360	------	1,260	115,250
Sedgwick	244,250	24,780	31,680	43,720	100	740	46,000	279,700	4,960	117,100	570	2,320	23,020	818,940
Summit	------	1,010	340	270	210	------	1,540	-------	------	55,150	------	------	------	58,520
Teller	210	1,860	260	260	50	------	102,430	-------	------	56,430	------	15,000	940	177,440
Washington	793,910	7,010	74,020	103,720	1,460	103,030	7,300	33,150	143,740	223,480	340	170	45,090	1,536,420
Weld	674,380	113,170	552,840	617,160	6,450	714,730	1,691,500	5,174,400	172,230	1,187,540	4,500	518,640	315,890	11,743,430
Yuma	1,150,800	9,070	46,130	106,810	7,640	21,120	10,370	-------	174,430	148,880	210	680	45,610	1,721,750
State	$8,156,260	$1,156,680	$1,995,200	$3,713,700	$ 56,160	$3,243,300	$8,352,000	$13,140,000	$1,950,910	$14,364,400	$1,995,000	$5,031,140	$2,238,250	$65,393,000

Note—Fruits include apples, peaches, pears, cherries, grapes, plums, apricots, strawberries, etc. Commercial Truck Crops include garden peas, snap beans, cantaloupes for market and seed, cucumbers for pickles and seed, cabbage and kraut, celery, lettuce, cauliflower, tomatoes, watermelons, onions, spinach, carrots, asparagus, garden beets, pumpkins and squash, sweet corn and other miscellaneous truck crops not listed separately. Miscellaneous Crops include alfalfa seed and clover seed, millet seed, field peas, broomcorn, sugar beet tops, rye for pasture, farm garden and other mixed crops.

COLORADO CROP ACREAGE, PRODUCTION AND VALUE, 1933

KIND OF CROP	Acreage	PRODUCTION		Unit	FARM VALUE†	
		Per Acre	Total		Per Unit	Total
Corn	2,004,000	11.0	22,044,000	Bu.	$ .37	$ 8,156,280
Oats for Grain	162,000	25.5	4,131,000	Bu.	.28	1,157,000
Barley for Grain	430,000	16.0	6,880,000	Bu.	.29	1,995,200
Winter Wheat	268,000	9.0	2,412,000	Bu.	.64	1,544,000
Spring Wheat	280,000	12.5	3,500,000	Bu.	.62	2,170,000
Rye for Grain	18,000	6.5	117,000	Bu.	.48	56,000
Rye for Pasture	23,000	----	--------	------	----	34,500
Dry Beans	345,000	330.0	1,138,000	100-lb. Bags	2.85	3,243,000
Potatoes	87,000	150.0	13,050,000	Bu.	.64	8,352,000
Sugar Beets	209,000	12.6	2,628,000	Tons	5.00	13,140,000
Sugar Beet Tops	--------	----	--------	------	----	633,000
Grain Sorghums	284,000	7.5	2,130,000	Bu.	.35	746,000
Sweet Sorghums	210,000	1.40	294,000	Tons	4.10	1,205,000
Tame Hay, All Varieties	1,334,000	1.49	1,993,000	Tons	5.30	10,563,000
Wild Hay	373,000	1.10	410,000	Tons	5.20	2,132,000
Broomcorn	55,000	160.0‡	4,400	Tons	95.00	418,000
Field Peas	55,000	11.0	605,000	Bu.	.60	363,000
Alfalfa Seed	10,000	2.5	25,000	Bu.	5.80	145,000
Red Clover Seed	1,400	3.0	4,200	Bu.	5.30	22,000
Sweet Clover Seed	3,500	3.49	12,200	Bu.	2.25	27,000
Millet Seed[1]	24,000	9.0	216,000	Bu.	.50	108,000
Apples	--------	----	1,454,000	Bu.	.57	829,000
Peaches	--------	----	578,000	Bu.	1.30	751,000
Pears	--------	----	271,000	Bu.	.65	176,000
Cherries	--------	----	1,976	Tons	54.00	107,000
Grapes	--------	----	400	Tons	55.00	22,000
Miscellaneous Fruits[2]	34,440	----	--------	------	----	110,000
Miscellaneous Crops (excluding Commercial Truck Crops)	17,605	----	--------	------	----	2,421,080
Total Above Crops	6,227,945	----	--------	------	----	$60,626,060
Commercial Truck Crops:						
Beans, Snap, for Manufacture	730	2.7	1,400	Tons	$38.00	$ 53,200
Beans, Snap, for Market	1,610	200.0	322,000	Bu.	.50	161,000
Cabbage, Early (Domestic)	1,500	10.8	16,200	Tons	20.00	324,000
Cabbage, Late (Danish)	1,960	11.6	22,700	Tons	15.00	340,500
Cantaloupes and Honeydew Melons, for Market	8,820	170.0	1,499,000	Crts.	.55	824,450
Cantaloupes and Honeydew Melons, for Seed	1,850	210.0	388,500	Lbs.	.18	69,930
Cauliflower	3,140	260.0	816,000	Crts.	.40	326,400
Celery	950	225.0	214,000	⅔ Crts.	1.40	299,600
Cucumbers, for Pickles	460	174.0	80,000	Bu.	.375	30,000
Cucumbers, for Seed	2,130	250.0	532,500	Lbs.	.145	77,210
Lettuce	5,630	100.0	563,000	Crts.	1.00	563,000
Onions	4,150	275.0	1,141,000	Bu.	.45	513,450
Peas, Green, for Manufacture	2,330	1,680.0	3,920,000	Lbs.	.0167	65,000
Peas, Green, for Market	9,250	85.0	786,000	Bu.	.70	550,200
Tomatoes, for Manufacture	1,400	6.8	9,500	Tons	8.70	83,000
Tomatoes, for Market	1,320	300.0	396,000	Bu.	.45	178,200
Watermelons	1,230	340.0	418,000	Nos.	.10	41,800
Miscellaneous	5,905	----	--------	------	----	266,000
Total Truck Crops	54,365	----	--------	------	----	$ 4,766,940
Total All Crops	6,282,310	----	--------	------	----	$65,393,000

†Farm value based upon an annual average of prices received by growers. Obtained by weighting the monthly farm prices by estimates of monthly marketings.

‡Pounds.

[1]This acreage of millet saved for seed is in addition to the area harvested for hay.

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

COLORADO CROP ACREAGE, PRODUCTION AND VALUE, 1932

KIND OF CROP	Acreage	PRODUCTION		Unit	FARM VALUE†	
		Per Acre	Total		Per Unit	Total
Corn	1,909,000	7.0	13,363,000	Bu.	$ .28	$ 3,742,000
Oats for Grain	141,000	24.0	3,384,000	Bu.	.22	744,000
Barley for Grain	439,000	15.5	6,804,000	Bu.	.20	1,361,000
Winter Wheat	487,000	9.0	4,383,000	Bu.	.38	1,665,000
Spring Wheat	193,000	12.0	2,316,000	Bu.	.36	834,000
Rye for Grain	25,000	6.0	150,000	Bu.	.23	34,000
Rye for Pasture	30,000	----	--------	------	----	75,000
Dry Beans	178,000	180.0	320,000	100-lb.Bags	2.20	704,000
Potatoes	100,000	110.0	11,000,000	Bu.	.26	2,860,000
Sugar Beets	159,000	11.3	1,790,000	Tons	4.62	8,270,000
Sugar Beet Tops	--------	----	--------	------	----	398,000
Grain Sorghums	206,000	6.0	1,236,000	Bu.	.16	198,000
Sweet Sorghums	142,000	0.8	114,000	Tons	4.75	542,000
Tame Hay, All Varieties	1,274,000	1.44	1,830,000	Tons	6.35	11,628,000
Wild Hay	366,000	.90	329,000	Tons	6.00	1,974,000
Broomcorn	46,000	200.0‡	4,600	Tons	53.00	244,000
Field Peas	54,000	12.0	648,000	Bu.	.55	356,000
Alfalfa Seed	10,000	2.5	25,000	Bu.	5.50	138,000
Red Clover Seed	2,000	3.0	6,000	Bu.	4.65	28,000
Sweet Clover Seed	3,500	4.5	15,800	Bu.	2.35	37,000
Millet Seed[1]	19,000	6.0	114,000	Bu.	.35	40,000
Apples	--------	----	2,294,000	Bu.	.42	963,000
Peaches	--------	----	1,142,000	Bu.	.42	480,000
Pears	--------	----	429,000	Bu.	.40	172,000
Cherries	--------	----	3,825	Tons	52.00	199,000
Grapes	--------	----	462	Tons	45.00	21,000
Miscellaneous Fruits[2]	33,600	----	--------	------	----	128,000
Miscellaneous Crops (Excluding Commercial Truck Crops)	17,400	----	--------	------	----	365,000
Total Above Crops	5,834,500	----	--------	------	----	$38,200,000
Commercial Truck Crops:						
Beans, Snap, for Manufacture	900	2.0	1,800	Tons	$38.00	$ 68,000
Beans, Snap, for Market	1,700	120.0	204,000	Bu.	.50	102,000
Cabbage, Early (Domestic)	1,760	10.0	17,600*	Tons	7.50	102,000
Cabbage, Late (Danish)	2,390	11.0	26,300*	Tons	4.00	72,000
Cantaloupes and Honeydew Melons, for Market	7,370	150.0	1,106,000	Crts.	.70	774,000
Cantaloupes and Honeydew Melons, for Seed	2,000	250.0	499,000	Lbs.	.22	110,000
Carrots	500	220.0	110,000	Bu.	.35	38,000
Cauliflower	4,480	240.0	1,075,000*	Crts.	.40	360,000
Celery	950	220.0	209,000*	⅔ Crts.	.90	153,000
Cucumbers, for Pickles	480	97.0	47,000	Bu.	.26	12,000
Cucumbers, for Seed	1,600	330.0	530,000	Lbs.	.18	95,000
Lettuce	8,310	100.0	831,000*	Crts.	.50	221,000
Onions	5,670	290.0	1,644,000*	Bu.	.23	338,000
Peas, Green, for Manufacture	2,770	1230.0	3,407,000	Lbs.	.018	61,000
Peas, Green, for Market	11,050	60.0	663,000*	Bu.	.50	276,000
Spinach	700	130.0	91,000*	Bu.	.25	15,000
Tomatoes, for Manufacture	2,300	4.7	10,800	Tons	8.10	87,000
Tomatoes, for Market	1,880	230.0	432,000*	Bu.	.35	125,000
Watermelons	1,230	320.0	394,000	Nos.	.09	35,000
Miscellaneous	6,300	----	--------	------	----	322,000
Total Truck Crops	64,340	----	--------	------	----	$ 3,366,000
Total All Crops	5,898,840	----	--------	------	----	$41,566,000

†Farm value based upon an annual average of prices received by growers. Obtained by weighting the monthly farm price by estimates of monthly marketings.

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

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

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

‡Pounds.

PER CENT OF HARVESTED AREA DEVOTED TO PRINCIPAL CROPS IN 1933

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	Dry Beans	Potatoes	All Sorghums	Alfalfa	Sugar Beets
Adams	32.51	1.16	9.79	10.68	7.06	11.50	0.13	6.79	7.51	4.94
Alamosa	0.02	4.72	4.67	0.03	5.73	----	9.74	----	22.68	2.20
Arapahoe	35.46	1.33	8.69	9.11	4.22	16.39	0.01	6.19	8.25	0.39
Archuleta	3.54	10.88	1.54	0.70	9.01	0.07	1.75	----	21.69	----
Baca	17.18	0.22	4.98	24.63	0.18	1.51	0.002	30.38	0.65	----
Bent	23.55	0.39	5.82	2.23	0.43	0.71	0.01	24.16	30.36	5.49
Boulder	13.18	7.14	12.39	2.12	12.41	0.38	0.25	0.02	32.46	10.33
Chaffee	0.08	6.61	10.64	0.16	3.63	0.16	2.10	----	21.12	----
Cheyenne	57.16	0.07	3.00	1.41	0.45	1.12	0.02	30.31	0.36	----
Clear Creek	0.07	0.74	----	----	----	----	1.86	----	0.74	----
Conejos	0.10	3.04	6.67	0.07	7.33	0.50	9.48	----	20.33	0.56
Costilla	0.10	4.36	8.00	0.30	7.97	0.42	1.91	----	13.54	0.15
Crowley	27.08	1.02	1.84	0.12	1.64	14.71	0.01	11.32	21.52	6.17
Custer	3.20	5.98	2.36	1.23	0.53	----	6.41	0.19	7.80	----
Delta	8.71	5.33	2.32	0.52	7.00	0.23	1.78	0.04	44.49	6.20
Denver	----	----	----	----	----	----	----	----	----	----
Dolores	16.92	6.65	1.86	20.03	9.39	27.03	3.90	2.48	2.30	----
Douglas	33.02	12.40	2.70	3.85	2.13	4.26	0.24	3.07	15.11	----
Eagle	0.03	5.62	1.70	1.46	4.22	----	4.09	----	33.04	----
Elbert	38.26	3.38	3.20	2.04	4.74	25.63	0.31	7.84	2.64	----
El Paso	41.09	4.77	0.42	0.54	1.81	26.11	0.38	4.94	1.74	0.34
Fremont	14.99	6.32	1.14	0.51	0.62	0.33	1.29	0.62	20.03	0.22
Garfield	2.45	3.37	1.87	1.06	7.97	0.20	4.26	0.14	67.40	4.30
Gilpin	----	3.88	----	----	0.65	----	7.12	----	----	----
Grand	0.03	3.22	0.99	0.11	0.06	----	0.30	----	2.37	----
Gunnison	----	0.90	0.39	0.07	0.13	----	0.54	----	5.75	----
Hinsdale	----	----	----	----	----	----	0.12	----	1.73	----
Huerfano	1.91	4.28	5.16	----	----	5.92	0.44	3.75	33.99	0.44
Jackson	----	0.11	----	----	0.01	----	0.06	----	0.01	----
Jefferson	12.38	9.05	6.23	4.72	6.32	0.22	0.69	0.34	30.39	1.41
Kiowa	56.82	0.15	2.51	1.98	0.22	0.23	0.01	33.14	1.29	----
Kit Carson	65.89	0.68	9.15	1.39	2.48	0.69	0.08	14.52	0.25	----
Lake	----	----	----	----	----	----	----	----	----	----
La Plata	5.58	8.91	3.04	1.44	12.83	0.76	1.73	0.26	44.05	----
Larimer	10.19	4.51	13.99	2.23	6.07	0.97	0.39	1.04	29.30	11.38
Las Animas	25.76	2.62	3.22	1.97	1.30	21.73	0.15	7.71	16.51	1.84
Lincoln	42.49	0.07	6.35	0.91	5.40	17.74	0.11	15.62	0.21	----
Logan	43.29	1.68	11.64	7.13	8.00	1.79	0.43	4.42	6.07	5.84
Mesa	12.64	4.74	1.36	3.99	3.41	6.60	1.94	0.58	60.46	5.99
Mineral	----	----	----	----	----	----	0.12	----	0.92	----
Moffat	4.36	5.09	1.59	6.10	5.30	0.17	1.50	0.36	31.07	----
Montezuma	11.55	10.23	3.12	4.05	12.28	11.28	2.93	1.04	35.66	----
Montrose	7.22	6.33	1.61	0.78	12.29	0.34	5.60	0.03	53.49	3.87
Morgan	39.26	0.79	6.18	1.52	6.37	8.04	0.32	7.69	9.32	9.50
Otero	14.52	2.11	6.56	0.41	0.93	6.61	0.01	5.53	23.68	14.51
Ouray	1.31	4.87	3.09	1.60	4.21	----	1.10	----	24.75	----
Park	----	0.32	0.04	----	0.06	----	2.92	----	0.02	----
Phillips	58.48	3.57	9.89	13.57	2.35	0.49	0.04	4.52	0.09	----
Pitkin	----	9.46	0.51	0.22	4.77	----	6.46	----	18.71	----
Prowers	19.21	1.02	9.65	8.43	0.50	0.17	0.003	26.93	20.56	4.31
Pueblo	29.42	1.19	1.90	2.40	0.41	17.43	0.02	7.76	15.08	8.76
Rio Blanco	----	4.98	1.30	3.47	3.21	----	0.24	----	42.77	----
Rio Grande	0.03	4.08	6.17	0.03	8.65	----	17.03	----	9.22	1.58
Routt	----	11.72	4.45	2.67	5.71	----	1.01	----	12.70	----
Saguache	0.02	2.74	2.04	0.03	2.49	----	7.32	----	9.58	0.16
San Juan	----	----	----	----	----	----	----	----	----	----
San Miguel	3.72	2.48	3.95	2.94	9.37	0.85	2.40	0.12	29.73	----
Sedgwick	52.46	5.74	11.28	6.25	2.12	0.09	0.60	0.86	4.09	4.57
Summit	----	1.60	0.85	0.32	0.11	----	0.43	----	0.43	----
Teller	0.30	2.92	0.52	0.07	0.22	----	10.90	----	1.27	----
Washington	54.17	0.78	10.25	2.54	5.97	3.69	0.05	9.13	0.63	0.55
Weld	21.93	2.19	12.48	4.51	7.57	9.18	2.74	3.85	13.38	12.00
Yuma	68.94	0.72	5.86	4.59	1.30	0.63	0.06	9.57	0.34	----
State	31.89	2.58	6.84	4.26	4.46	5.49	1.38	7.86	11.35	3.36

HARVESTED ACREAGE OF ALL CROPS, 1933

COUNTY	Corn	Oats	Barley	Wheat	All Rye	Dry Beans	Potatoes	Sugar Beets	Sorghums	Hay	Broomcorn	Field Peas	Fruit	Snap Beans for Canning and Market	CABBAGE			CANTALOUPES AND HONEY DEW MELONS			Cauliflower	Celery	CUCUMBERS			Lettuce	Onions	PEAS, GREEN			TOMATOES			Watermelons	All Other Crops	Total Harvested Acreage	COUNTY
															Early Domestic	Late (Danish)	Total	For Market	For Seed	Total			For Pickles	For Seed	Total			For Market	For Mfg.	Total	For Market	For Mfg.	Total				
Adams	54,540	1,950	16,430	29,760	480	19,300	220	3,290	11,390	19,620		100	230	460	320	260	580	180	.....	180	190	300	130	....	130	220	120	70	140	210	90	160	250	30	2,770	167,750	Adams
Alamosa	10	2,940	2,910	3,590	....	....	6,075	1,370	....	39,830	....	4,510	5	....	15	10	25	....	.....	....	85	....	....	....	....	70	....	140	....	140	....	....	....	....	770	62,330	Alamosa
Arapahoe	38,090	1,430	9,330	14,320	450	17,610	15	490	6,660	18,230	....	10	145	20	20	35	115	5	.....	5	5	10	....	....	....	30	30	5	....	5	....	....	....	5	406	107,465	Arapahoe
Archuleta	1,060	3,260	460	2,910	....	20	525	....	....	21,680	....	20	60	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	70	29,965	Archuleta
Baca	39,140	490	11,340	56,500	180	3,440	5	....	69,210	3,540	43,570	....	75	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	250	227,740	Baca
Bent	17,030	280	4,210	1,920	40	510	6	3,970	17,470	22,810	650	....	105	....	....	5	5	1,230	.....	1,230	....	....	....	....	....	....	160	....	....	....	....	....	....	60	1,850	72,295	Bent
Boulder	11,150	6,040	10,480	12,290	20	320	210	7,100	20	32,880	....	120	530	180	80	60	140	20	.....	20	5	5	....	....	....	....	6	....	850	850	20	110	130	....	500	82,995	Boulder
Chaffee	10	820	1,320	470	10	20	260	....	....	7,830	....	910	155	....	10	....	10	....	.....	....	15	....	....	....	....	260	....	150	....	150	....	....	....	....	165	12,405	Chaffee
Cheyenne	71,180	90	3,740	2,310	30	1,390	25	....	37,750	7,150	....	....	50	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	780	124,495	Cheyenne
Clear Creek	10	10	....	....	....	....	25	....	....	1,300	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1,345	Clear Creek
Conejos	70	2,170	4,770	5,290	....	360	6,775	400	....	40,750	....	7,110	5	....	5	5	10	....	.....	....	200	....	....	....	....	240	....	2,600	....	2,600	....	....	....	....	720	71,170	Conejos
Costilla	40	1,770	3,250	3,360	....	170	775	50	....	11,470	....	15,440	20	....	25	70	95	....	.....	....	1,550	....	....	....	....	350	....	1,970	....	1,970	....	....	....	....	310	40,620	Costilla
Crowley	9,260	350	630	600	20	5,020	5	2,140	3,870	8,920	....	....	315	10	....	5	5	2,250	5	2,255	....	....	....	....	....	....	40	....	....	....	....	....	....	40	696	34,225	Crowley
Custer	990	1,850	730	660	210	....	1,930	....	60	22,230	....	290	10	....	5	5	10	....	.....	....	120	....	....	....	....	250	....	1,530	....	1,530	....	....	....	....	90	30,910	Custer
Delta	5,210	3,190	1,390	4,500	10	140	1,065	3,710	25	30,030	....	40	9,050	15	5	5	10	30	15	45	....	5	....	130	130	....	470	5	....	5	5	....	5	20	780	59,345	Delta
Denver	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Denver
Dolores	1,910	750	210	3,320	110	3,050	440	....	280	1,180	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	11,285	Dolores
Douglas	17,850	6,700	1,460	3,230	2,470	2,200	130	....	1,660	17,970	....	60	60	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	175	54,065	Douglas
Eagle	10	1,690	510	1,710	....	....	1,230	....	....	24,390	....	80	10	....	....	....	....	....	.....	....	....	....	....	....	....	160	....	180	....	180	....	....	....	....	115	30,085	Eagle
Elbert	82,280	7,260	6,880	14,570	3,270	55,120	660	....	16,860	27,260	....	50	65	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	805	215,080	Elbert
El Paso	71,080	8,370	730	4,110	2,650	45,800	670	960	8,670	31,890	....	20	70	10	10	....	10	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	675	176,715	El Paso
Fremont	4,080	1,720	310	310	40	90	350	60	170	13,730	....	160	3,030	340	30	90	170	20	220	240	140	90	....	....	....	110	15	120	....	120	120	....	120	15	1,800	27,210	Fremont
Garfield	1,610	2,220	1,230	5,950	40	130	2,805	2,830	96	47,180	....	20	900	....	....	5	5	....	.....	....	....	....	....	....	....	20	....	5	....	5	10	....	10	....	805	65,855	Garfield
Gilpin	.....	60	....	10	20	....	110	....	....	1,280	....	60	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	1,516	Gilpin
Grand	10	1,170	360	60	70	....	110	....	....	33,990	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	600	....	....	....	....	....	....	....	....	100	36,370	Grand
Gunnison	.....	490	210	110	20	....	295	....	....	53,210	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	80	54,420	Gunnison
Hinsdale	.....	....	....	....	....	....	5	....	....	4,040	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4,045	Hinsdale
Huerfano	6,510	1,460	1,760	....	50	2,020	150	150	1,280	20,270	....	30	90	....	5	....	5	....	.....	....	40	....	....	....	....	....	....	10	....	10	....	....	....	....	275	34,100	Huerfano
Jackson	.....	100	....	10	20	....	60	....	....	93,890	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	94,110	Jackson
Jefferson	5,170	3,780	2,690	4,610	230	90	290	680	140	19,000	....	10	1,490	150	60	90	150	30	.....	30	70	280	....	....	....	120	35	470	....	470	470	....	470	5	1,980	41,850	Jefferson
Kiowa	62,370	170	2,760	2,410	20	250	10	....	36,380	3,220	1,250	....	10	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	865	109,725	Kiowa
Kit Carson	211,850	2,180	29,410	12,420	1,080	2,230	250	....	46,680	13,400	110	50	120	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	1,580	321,365	Kit Carson
Lake	.....	....	....	....	....	....	....	....	....	8,350	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	8,355	Lake
La Plata	2,990	4,780	1,630	7,650	10	410	525	....	140	33,800	....	20	600	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	680	53,635	La Plata
Larimer	13,570	6,010	18,630	11,050	60	1,290	525	16,460	1,380	59,610	....	260	3,720	20	15	30	45	5	.....	5	....	5	....	....	....	10	....	920	920	10	30	40	5	830	134,445	Larimer
Las Animas	20,190	2,050	2,520	2,560	110	17,030	120	1,430	6,040	23,430	920	340	40	10	....	....	....	....	.....	....	....	....	....	....	....	50	....	520	....	520	....	....	....	....	1,030	78,290	Las Animas
Lincoln	74,280	720	11,110	11,030	480	31,010	200	....	27,200	18,090	....	....	20	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1,060	174,700	Lincoln
Logan	156,290	6,060	42,010	54,620	4,610	9,470	1,535	19,270	15,970	47,500	....	....	85	....	10	20	30	5	.....	5	....	....	60	....	60	....	5	....	....	....	10	....	10	10	4,360	358,900	Logan
Mesa	6,780	2,540	730	3,970	70	3,540	1,040	3,210	310	36,550	....	60	8,460	10	10	10	20	120	30	150	10	10	....	200	200	10	80	....	....	....	140	170	310	50	1,830	69,940	Mesa
Mineral	.....	....	....	....	....	....	5	....	....	4,330	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4,335	Mineral
Moffat	2,030	2,370	740	5,310	2,200	80	700	....	170	32,190	....	....	30	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	750	46,570	Moffat
Montezuma	7,160	6,290	1,920	10,010	90	6,930	1,800	....	640	24,950	....	....	1,270	5	....	....	....	15	.....	15	....	....	....	25	25	....	....	....	....	5	....	....	5	20	350	61,450	Montezuma
Montrose	6,080	5,330	1,360	11,010	30	290	4,720	2,700	25	48,890	....	....	1,240	15	....	5	5	....	15	15	....	....	....	35	35	....	800	5	....	5	....	....	....	....	1,160	83,710	Montrose
Morgan	90,870	1,840	14,300	18,250	3,030	18,620	730	22,430	17,290	41,660	....	180	40	20	6	10	15	10	.....	10	....	20	....	20	20	....	5	....	....	....	....	10	10	1,930	231,760	Morgan
Otero	11,290	1,640	5,100	1,040	140	5,140	5	12,670	4,300	24,130	....	20	410	120	10	15	25	3,220	1,285	4,505	5	15	....	630	630	....	1,635	40	....	40	25	710	735	600	4,940	79,135	Otero
Ouray	220	820	620	980	....	....	185	....	....	14,080	....	....	15	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	16,850	Ouray
Park	.....	150	20	30	....	....	1,350	....	....	44,690	....	10	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	20	46,270	Park
Phillips	118,160	7,710	19,980	32,170	2,190	980	90	....	9,140	10,380	....	60	15	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1,600	201,965	Phillips
Pitkin	.....	1,290	70	680	120	....	880	....	....	10,570	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	13,630	Pitkin
Prowers	28,500	1,620	14,320	13,240	60	250	5	6,370	39,960	34,670	8,500	30	150	....	....	....	....	80	.....	80	....	....	....	50	50	....	....	....	....	....	....	....	....	10	656	148 370	Prowers
Pueblo	27,700	1,120	1,790	2,650	30	16,410	20	9,010	7,310	19,790	....	10	370	345	160	285	445	1,440	270	1,710	675	220	....	1,060	1,060	20	400	100	....	100	130	40	170	150	3,330	94,945	Pueblo
Rio Blanco	.....	2,450	640	3,290	150	....	120	....	....	42,110	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	440	49,205	Rio Blanco
Rio Grande	30	4,130	6,240	8,780	....	....	17,240	160	....	44,690	....	17,180	5	....	....	5	5	....	.....	....	20	....	....	....	....	1,300	....	1,300	....	1,300	....	....	....	....	185	101,175	Rio Grande
Routt	.....	8,730	3,310	6,240	90	....	750	....	....	53,280	....	....	5	....	....	....	....	....	.....	....	....	....	....	....	....	1,720	....	....	....	....	....	....	....	....	365	74,490	Routt
Saguache	20	2,920	2,170	2,680	....	....	7,800	170	....	83,560	....	7,090	10	....	....	....	....	....	.....	....	....	....	....	....	....	20	....	10	....	10	....	....	....	....	80	106,530	Saguache
San Juan	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	San Juan
San Miguel	480	320	510	1,590	50	110	310	....	16	9,470	....	....	30	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	12,916	San Miguel
Sedgwick	59,480	6,510	12,790	9,490	1,000	100	680	5,180	970	16,780	....	....	10	....	....	5	5	....	.....	....	....	....	....	....	....	....	5	....	....	....	....	....	....	....	10	360	113,370	Sedgwick
Summit	.....	150	80	40	40	....	40	....	....	9,010	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9,360	Summit
Teller	40	390	70	40	10	....	1,455	....	....	11,150	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	150	....	....	....	....	....	....	....	....	40	13,345	Teller
Washington	212,450	3,060	40,600	33,370	2,770	14,460	190	510	35,790	41,670	....	210	25	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5,110	390,220	Washington
Weld	142,420	14,200	81,020	78,460	6,410	59,640	17,800	77,230	25,000	136,730	....	440	1,140	610	590	930	1,520	160	10	170	10	10	250	....	250	30	335	20	420	440	220	180	400	160	5,770	650,195	Weld
Yuma	310,520	3,240	26,400	26,530	5,660	2,850	250	....	43,090	26,860	....	....	130	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	20	5,320	451,470	Yuma
State	2,004,000	162,000	430,000	548,000	41,000	345,000	87,000	209,000	494,000	1,707,000	55,000	55,000	34,440	2,340	1,500	1,960	3,460	8,820	1,850	10,670	3,140	950	460	2,130	2,590	5,030	4,150	9,250	2,330	11,580	1,320	1,400	2,720	1,230	62,410	6,282,310	State

"All Other Crops" includes acreages for alfalfa seed, clover seed, millet seed, garden crops to be consumed by the farmer, and commercial crops such as asparagus, carrots, garden beets, pumpkin and squash, spinach, etc.

PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1933

COUNTY	CORN		OATS		BARLEY		POTATOES		DRY BEANS	
	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated
Adams	7.2	92.8	75.0	25.0	25.0	75.0	95.8	4.2	4.0	96.0
Alamosa	100.0	----	100.0	----	100.0	----	100.0	----	----	----
Arapahoe	5.1	94.9	44.0	56.0	12.0	88.0	60.0	40.0	1.0	99.0
Archuleta	30.2	69.8	21.8	78.2	21.0	79.0	50.0	50.0	----	100.0
Baca	1.9	98.1	10.0	90.0	2.0	98.0	----	100.0	----	100.0
Bent	52.7	47.3	94.4	5.6	95.0	5.0	100.0	----	20.0	80.0
Boulder	86.2	13.8	96.0	4.0	91.2	8.8	80.0	20.0	45.0	55.0
Chaffee	100.0	----	100.0	----	99.4	.6	100.0	----	100.0	----
Cheyenne	----	100.0	----	100.0	----	100.0	----	100.0	----	100.0
Clear Creek	100.0	----	----	100.0	----	----	----	100.0	----	----
Conejos	100.0	----	100.0	----	100.0	----	100.0	----	100.0	----
Costilla	100.0	----	100.0	----	100.0	----	100.0	----	100.0	----
Crowley	60.0	40.0	100.0	----	99.5	.5	----	100.0	20.0	80.0
Custer	8.1	91.9	33.2	66.8	40.7	59.3	10.3	89.7	----	----
Delta	95.0	5.0	99.0	1.0	100.0	----	100.0	----	100.0	----
Denver	----	----	----	----	----	----	----	----	----	----
Dolores	----	100.0	----	100.0	----	100.0	----	100.0	----	100.0
Douglas	3.5	96.5	3.7	96.3	----	100.0	2.0	98.0	----	100.0
Eagle	100.0	----	96.3	3.7	87.0	13.0	99.0	1.0	----	----
Elbert	----	100.0	----	100.0	.2	99.8	----	100.0	----	100.0
El Paso	2.5	97.5	1.5	98.5	18.0	82.0	----	100.0	1.0	99.0
Fremont	65.0	35.0	40.0	60.0	62.8	37.2	15.0	85.0	34.3	65.7
Garfield	90.1	9.9	97.0	3.0	91.0	9.0	97.0	3.0	100.0	----
Gilpin	----	----	----	100.0	----	100.0	----	100.0	----	----
Grand	100.0	----	95.8	4.2	75.0	25.0	40.0	60.0	----	----
Gunnison	----	----	20.0	80.0	65.0	35.0	73.3	26.7	----	----
Hinsdale	----	----	----	----	----	----	100.0	----	----	----
Huerfano	14.9	85.1	40.0	60.0	50.0	50.0	20.0	80.0	5.0	95.0
Jackson	----	----	40.0	60.0	52.3	47.7	10.0	90.0	----	----
Jefferson	65.4	34.6	60.0	40.0	75.0	25.0	15.0	85.0	100.0	----
Kiowa	----	100.0	----	100.0	----	100.0	----	100.0	----	100.0
Kit Carson	.1	99.9	----	100.0	----	100.0	----	100.0	----	100.0
Lake	----	----	----	----	----	----	----	----	----	----
La Plata	37.1	62.9	75.0	25.0	75.0	25.0	95.0	5.0	20.0	80.0
Larimer	62.9	37.1	81.3	18.7	90.0	10.0	90.3	9.7	41.7	58.3
Las Animas	13.6	86.4	35.0	65.0	21.7	78.3	20.0	80.0	19.9	80.1
Lincoln	.1	99.9	----	100.0	----	100.0	----	100.0	----	100.0
Logan	6.0	94.0	36.0	64.0	22.0	78.0	45.0	55.0	13.5	86.5
Mesa	85.7	14.3	94.0	6.0	98.6	1.4	83.1	16.9	86.2	13.8
Mineral	----	----	----	----	----	----	100.0	----	----	----
Moffat	.5	99.5	14.0	86.0	11.0	89.0	12.8	87.2	----	100.0
Montezuma	25.9	74.1	78.0	22.0	60.0	40.0	48.3	51.7	14.0	86.0
Montrose	93.9	6.1	95.0	5.0	92.0	8.0	100.0	----	100.0	----
Morgan	13.5	86.5	70.2	29.8	47.4	52.6	98.0	2.0	11.7	88.3
Otero	92.1	7.9	98.1	1.9	96.6	3.4	100.0	----	93.8	6.2
Ouray	100.0	----	80.0	20.0	35.0	65.0	65.1	34.9	----	----
Park	----	----	----	100.0	----	100.0	----	100.0	----	----
Phillips	----	100.0	----	100.0	----	100.0	----	100.0	----	100.0
Pitkin	----	----	100.0	----	100.0	----	100.0	----	----	----
Prowers	53.5	46.5	65.0	35.0	35.6	64.4	100.0	----	32.0	68.0
Pueblo	43.4	56.6	50.0	50.0	70.0	30.0	----	100.0	21.3	78.7
Rio Blanco	----	----	73.0	27.0	23.0	77.0	90.0	10.0	----	----
Rio Grande	100.0	----	100.0	----	100.0	----	100.0	----	----	----
Routt	----	----	1.0	99.0	3.0	97.0	20.0	80.0	----	----
Saguache	100.0	----	100.0	----	100.0	----	100.0	----	----	----
San Juan	----	----	----	----	----	----	----	----	----	----
San Miguel	20.8	79.2	48.6	51.4	38.1	61.9	30.0	70.0	----	100.0
Sedgwick	5.0	95.0	20.0	80.0	9.0	91.0	74.5	25.5	----	100.0
Summit	----	----	31.0	69.0	11.0	89.0	----	100.0	----	----
Teller	----	100.0	----	100.0	----	100.0	----	100.0	----	----
Washington	.5	99.5	4.0	96.0	1.3	98.7	5.0	95.0	----	100.0
Weld	22.3	77.7	74.0	26.0	57.0	43.0	93.8	6.2	28.2	71.8
Yuma	.1	99.9	----	100.0	.1	99.9	6.6	93.4	----	100.0
State	8.4	91.6	50.1	49.9	33.8	66.2	84.0	16.0	11.7	88.3

AVERAGE YIELD OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS ENDING WITH 1933

COUNTY	CORN		OATS		BARLEY		WINTER WHEAT	
	Irrigated (Bu.)	Non-Irrigated (Bu.)	Irrigated (Bu.)	Non-Irrigated (Bu.)	Irrigated (Bu.)	Non-Irrigated (Bu.)	Irrigated (Bu.)	Non-Irrigated (Bu.)
Adams	29.80	9.80	37.80	11.80	33.40	8.40	21.86	6.40
Alamosa	----	----	32.60	----	27.20	----	24.64	----
Arapahoe	27.40	10.00	36.00	12.40	33.40	9.60	23.50	7.12
Archuleta	27.20	14.00	36.00	20.80	30.40	15.60	15.60	7.80
Baca	25.00	10.20	23.80	11.00	14.80	8.20	3.60	8.00
Bent	29.40	9.60	40.00	9.40	33.80	10.80	28.30	5.62
Boulder	31.20	11.60	41.20	15.00	34.60	12.80	24.96	8.26
Chaffee	----	----	33.60	2.60	26.40	5.60	20.00	3.60
Cheyenne	----	10.40	----	9.60	----	8.60	----	6.52
Clear Creek	----	----	----	19.00	----	----	----	----
Conejos	26.00	----	38.60	----	31.00	----	26.60	----
Costilla	28.80	----	39.20	----	28.00	----	26.78	----
Crowley	24.60	9.20	32.00	1.80	28.40	4.20	16.74	1.40
Custer	29.00	12.80	33.00	15.00	27.00	12.00	25.42	10.06
Delta	37.80	14.40	41.60	15.80	36.40	6.60	30.02	5.04
Denver	----	----	----	----	----	----	----	----
Dolores	----	12.80	----	19.40	----	15.60	5.00	9.36
Douglas	27.60	12.20	34.00	13.80	12.40	11.20	17.40	8.52
Eagle	30.80	----	43.20	22.20	37.00	21.00	27.24	11.98
Elbert	28.75	10.60	----	12.60	4.80	8.00	8.20	5.60
El Paso	27.20	11.00	34.60	13.20	29.60	9.20	23.90	7.30
Fremont	33.40	13.60	36.20	15.60	27.20	12.00	24.66	8.96
Garfield	34.00	14.00	44.40	20.40	33.60	18.00	30.76	12.14
Gilpin	----	----	----	19.80	----	12.00	----	----
Grand	----	----	36.20	10.80	34.20	9.00	24.02	13.80
Gunnison	----	----	35.60	19.20	30.40	16.40	8.60	10.92
Hinsdale	----	----	23.00	9.00	----	----	----	----
Huerfano	24.40	11.00	38.20	16.20	30.20	13.20	18.98	7.98
Jackson	----	----	34.80	19.40	20.20	----	----	----
Jefferson	26.40	11.00	36.40	15.40	29.40	12.20	25.26	10.02
Kiowa	----	10.00	----	9.40	6.60	8.00	----	7.04
Kit Carson	26.00	10.00	5.40	10.80	10.00	8.40	4.80	6.48
Lake	----	----	----	----	----	----	----	----
La Plata	24.80	13.60	39.40	19.60	32.40	17.20	22.60	10.46
Larimer	29.00	10.80	41.60	16.60	39.60	12.40	26.70	10.62
Las Animas	30.20	9.60	33.60	11.00	30.00	8.40	23.46	7.52
Lincoln	24.40	9.40	----	9.00	16.20	6.00	----	4.72
Logan	28.60	12.00	38.20	12.20	31.40	10.20	23.30	7.30
Mesa	35.60	12.60	41.60	19.80	34.20	16.20	28.74	12.12
Mineral	----	----	----	----	----	----	----	----
Moffat	28.40	14.20	36.20	22.00	35.20	19.40	24.40	13.08
Montezuma	26.40	13.80	36.80	19.00	29.20	15.00	23.24	11.96
Montrose	36.20	13.60	39.40	19.00	33.60	13.20	30.92	13.40
Morgan	32.40	10.80	40.60	11.40	36.40	10.20	22.16	6.96
Otero	31.60	11.20	41.40	9.80	34.00	7.60	28.10	7.64
Ouray	32.20	----	41.40	21.40	27.60	13.40	21.80	12.86
Park	----	----	----	17.40	----	14.40	----	----
Phillips	----	13.20	----	13.40	----	10.40	----	7.72
Pitkin	----	----	40.60	----	31.00	----	22.36	4.00
Prowers	24.80	9.20	40.60	12.00	31.20	8.60	25.70	7.64
Pueblo	30.20	9.60	36.80	11.60	33.20	10.20	26.34	8.42
Rio Blanco	----	----	44.00	22.40	33.80	19.80	21.26	14.82
Rio Grande	28.20	----	30.40	----	25.60	----	26.80	----
Routt	----	----	40.40	23.40	33.60	21.40	20.80	19.02
Saguache	25.40	----	30.20	----	23.40	----	25.80	----
San Juan	----	----	----	----	----	----	----	----
San Miguel	31.20	13.60	41.40	20.80	28.60	15.40	20.60	12.94
Sedgwick	32.00	12.60	40.40	14.00	33.40	11.80	24.94	8.70
Summit	----	----	36.20	10.20	29.80	7.40	15.20	4.60
Teller	----	13.80	----	18.60	----	13.60	----	8.00
Washington	29.40	12.20	37.20	10.00	31.20	8.60	24.12	6.10
Weld	29.60	10.00	39.00	11.20	37.80	9.00	25.52	8.28
Yuma	26.00	12.60	8.20	13.40	17.60	10.40	14.20	8.62
State	30.01	11.18	38.42	14.93	34.43	9.47	25.48	7.58

AVERAGE YIELD OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS ENDING WITH 1933—Continued

COUNTY	SPRING WHEAT		DRY BEANS		POTATOES		Sugar Beets	Rye for Grain
	Irrigated (Bu.)	Non-Irrigated (Bu.)	Irrigated (Lbs.)	Non-Irrigated (Lbs.)	Irrigated (Bu.)	Non-Irrigated (Bu.)	(Tons)	(Bu.)
Adams	21.66	5.00	708.40	271.40	126.00	57.60	12.36	7.40
Alamosa	19.46	----	455.00	----	146.00	----	6.62	5.40
Arapahoe	20.12	4.94	662.40	293.40	120.60	40.80	11.02	8.80
Archuleta	22.70	11.50	344.00	329.60	94.80	79.00	----	----
Baca	----	6.24	102.00	229.80	----	58.00	----	6.60
Bent	18.60	7.24	641.00	213.00	60.40	31.00	10.74	9.60
Boulder	22.08	7.68	687.40	255.00	131.00	31.00	12.08	----
Chaffee	18.82	----	558.00	----	100.20	----	.80	1.40
Cheyenne	----	4.34	----	223.20	----	53.60	----	5.80
Clear Creek	----	----	----	----	36.00	58.80	----	----
Conejos	18.00	----	770.00	----	144.80	----	7.20	9.00
Costilla	20.62	----	676.60	----	126.80	----	2.60	4.60
Crowley	18.18	2.48	586.40	225.60	----	59.20	8.20	10.80
Custer	19.40	8.32	----	----	134.80	83.80	----	8.80
Delta	23.30	9.00	827.60	165.00	166.80	16.20	11.56	6.40
Denver	----	----	----	----	----	----	----	----
Dolores	----	8.84	----	368.40	----	77.20	----	7.80
Douglas	19.40	5.82	150.00	313.20	45.00	60.00	----	8.40
Eagle	28.92	11.46	----	----	212.00	68.80	----	3.40
Elbert	5.20	4.48	----	318.40	----	49.20	----	6.80
El Paso	19.18	5.36	655.20	317.40	16.00	55.00	9.78	6.40
Fremont	20.14	5.98	653.60	207.00	53.00	68.20	4.92	11.20
Garfield	23.58	10.92	755.20	66.80	191.20	81.60	12.32	13.80
Gilpin	----	5.80	----	52.00	----	64.20	----	2.00
Grand	12.20	----	----	----	99.20	36.00	----	12.00
Gunnison	24.20	12.24	----	----	129.20	68.40	----	11.00
Hinsdale	----	----	----	----	138.40	----	----	----
Huerfano	16.46	5.10	574.80	270.00	115.40	72.60	8.80	8.00
Jackson	----	3.60	----	----	76.00	90.80	----	6.40
Jefferson	21.26	7.84	651.20	24.00	130.80	74.80	10.90	8.20
Kiowa	4.80	4.70	----	207.40	23.00	35.40	----	7.80
Kit Carson	5.00	4.34	116.00	222.00	----	49.40	----	5.80
Lake	----	----	----	----	----	----	----	----
La Plata	21.94	10.36	635.80	345.40	138.00	81.60	----	10.40
Larimer	24.44	7.04	728.20	306.40	139.40	63.80	12.24	7.80
Las Animas	21.90	6.04	812.60	243.20	111.60	55.20	10.14	8.60
Lincoln	4.00	3.50	----	230.00	----	50.60	----	5.40
Logan	19.72	6.00	650.40	304.20	121.00	66.60	11.66	7.40
Mesa	20.44	10.12	1086.60	343.00	153.60	73.60	10.08	14.00
Mineral	----	----	----	----	136.20	----	----	----
Moffat	23.64	8.80	----	331.80	139.00	78.60	----	9.00
Montezuma	20.36	10.28	758.80	371.20	138.20	79.60	----	11.60
Montrose	24.98	11.40	901.40	225.00	191.40	68.00	10.12	15.20
Morgan	21.64	5.28	721.00	299.20	156.80	70.60	12.98	7.60
Otero	21.18	6.30	788.80	251.00	77.00	23.00	11.16	12.60
Ouray	24.20	11.06	195.80	138.00	152.40	81.80	----	----
Park	----	9.40	----	----	----	66.00	----	----
Phillips	----	4.68	----	288.00	----	70.00	----	7.20
Pitkin	28.46	2.80	----	----	176.00	----	----	10.20
Prowers	22.00	6.44	686.60	221.20	58.80	29.20	9.50	10.40
Pueblo	22.28	6.42	755.60	244.00	----	59.40	11.92	11.80
Rio Blanco	26.44	12.92	----	----	114.40	96.40	----	10.20
Rio Grande	18.46	----	462.00	----	162.60	----	6.58	3.60
Routt	23.20	12.42	----	----	150.60	91.40	----	13.20
Saguache	17.24	----	449.60	----	147.20	----	3.32	4.80
San Juan	----	----	----	----	----	----	----	----
San Miguel	23.34	10.90	----	312.00	152.20	82.20	----	13.20
Sedgwick	21.04	6.46	350.80	293.80	131.40	63.00	11.54	7.20
Summit	10.60	5.60	----	----	69.20	61.00	----	10.20
Teller	----	5.40	----	----	----	84.80	----	11.40
Washington	12.80	4.26	369.20	268.20	122.80	60.80	13.20	5.60
Weld	22.64	5.46	827.00	293.20	140.40	62.60	13.18	7.00
Yuma	11.60	4.72	142.80	273.00	113.60	63.20	2.92	6.60
State	22.16	5.48	814.02	285.18	154.49	72.63	12.24	7.20

ACREAGE AND PRODUCTION OF CORN, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	3,930	30	117,900	50,610	9	455,490	54,540	573,390
Alamosa	10	26	260	------	--	------	10	260
Arapahoe	1,940	28	54,320	36,150	10	361,500	38,090	415,820
Archuleta	320	22	7,040	740	13	9,620	1,060	16,660
Baca	750	17	12,750	38,390	5	191,950	39,140	204,700
Bent	8,970	32	287,040	8,060	6	48,360	17,030	335,400
Boulder	9,610	33	307,520	1,540	9	13,860	11,150	321,380
Chaffee	10	27	270	------	--	------	10	270
Cheyenne	------	--	------	71,180	11	782,980	71,180	782,980
Clear Creek	10	21	210	------	--	------	10	210
Conejos	70	24	1,680	------	--	------	70	1,680
Costilla	40	25	1,000	------	--	------	40	1,000
Crowley	5,560	22	122,320	3,700	7	25,900	9,260	148,220
Custer	80	21	1,680	910	8	7,280	990	8,960
Delta	4,950	34	168,300	260	15	3,900	5,210	172,200
Denver	------	--	------	------	--	------	------	------
Dolores	------	--	------	1,910	11	21,010	1,910	21,010
Douglas	620	28	17,360	17,230	12	206,760	17,850	224,120
Eagle	10	30	300	------	--	------	10	300
Elbert	------	--	------	82,280	11	905,080	82,280	905,080
El Paso	1,780	26	46,280	69,300	13	900,900	71,080	947,180
Fremont	2,650	27	71,550	1,430	12	17,160	4,080	88,710
Garfield	1,450	29	42,050	160	13	2,080	1,610	44,130
Gilpin	------	--	------	------	--	------	------	------
Grand	10	26	260	------	--	------	10	260
Gunnison	------	--	------	------	--	------	------	------
Hinsdale	------	--	------	------	--	------	------	------
Huerfano	970	18	17,460	5,540	9	49,860	6,510	67,320
Jackson	------	--	------	------	--	------	------	------
Jefferson	3,380	25	84,500	1,790	11	19,690	5,170	104,190
Kiowa	------	--	------	62,370	9	561,330	62,370	561,330
Kit Carson	120	20	2,400	211,730	9	1,905,570	211,850	1,907,970
Lake	------	--	------	------	--	------	------	------
La Plata	1,110	20	22,200	1,880	12	22,560	2,990	44,760
Larimer	8,530	26	221,780	5,040	8	40,320	13,570	262,100
Las Animas	2,750	20	55,000	17,440	9	156,960	20,190	211,960
Lincoln	70	19	1,330	74,210	8	593,680	74,280	595,010
Logan	9,380	24	225,120	146,910	8	1,175,280	156,290	1,400,400
Mesa	5,810	34	197,540	970	12	11,640	6,780	209,180
Mineral	------	--	------	------	--	------	------	------
Moffat	10	26	260	2,020	11	22,220	2,030	22,480
Montezuma	1,840	23	40,480	5,260	12	63,120	7,100	103,600
Montrose	5,710	35	199,850	370	14	5,180	6,080	205,030
Morgan	12,300	34	418,200	78,570	9	707,130	90,870	1,125,330
Otero	10,400	31	322,400	890	8	7,120	11,290	329,520
Ouray	220	29	6,380	------	--	------	220	6,380
Park	------	--	------	------	--	------	------	------
Phillips	------	--	------	118,150	9	1,063,350	118,150	1,063,350
Pitkin	------	--	------	------	--	------	------	------
Prowers	15,250	21	320,250	13,250	7	92,750	28,500	413,000
Pueblo	12,010	27	324,270	15,690	8	125,520	27,700	449,790
Rio Blanco	------	--	------	------	--	------	------	------
Rio Grande	30	28	840	------	--	------	30	840
Routt	------	--	------	------	--	------	------	------
Saguache	20	26	520	------	--	------	20	520
San Juan	------	--	------	------	--	------	------	------
San Miguel	100	23	2,300	380	13	4,940	480	7,240
Sedgwick	2,970	32	95,040	56,510	10	565,100	59,480	660,140
Summit	------	--	------	------	--	------	------	------
Teller	------	--	------	40	14	560	40	560
Washington	1,060	30	31,800	211,390	10	2,113,900	212,450	2,145,700
Weld	31,800	26	826,800	110,620	9	995,580	142,420	1,822,380
Yuma	300	26	7,800	310,220	10	3,102,200	310,520	3,110,000
State	168,910	--	4,684,610	1,835,090	--	17,359,390	2,004,000	22,044,000

ACREAGE AND PRODUCTION OF OATS, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	1,460	36	52,560	490	9	4,410	1,950	56,970
Alamosa	2,940	35	102,900	------	--	------	2,940	102,900
Arapahoe	630	38	23,940	800	11	8,800	1,430	32,740
Archuleta	710	33	23,430	2,550	26	66,300	3,260	89,730
Baca	50	33	1,650	440	11	4,840	490	6,490
Bent	260	46	11,960	20	12	240	280	12,200
Boulder	5,800	45	261,000	240	13	3,120	6,040	264,120
Chaffee	820	35	28,700	------	--	------	820	28,700
Cheyenne	------	--	------	90	7	630	90	630
Clear Creek	------	--	------	10	22	220	10	220
Conejos	2,170	37	80,290	------	--	------	2,170	80,290
Costilla	1,770	39	69,030	------	--	------	1,770	69,030
Crowley	350	33	11,550	------	--	------	350	11,550
Custer	610	34	20,740	1,240	12	14,880	1,850	35,620
Delta	3,160	35	110,600	30	15	450	3,190	111,050
Denver	------	--	------	------	--	------	------	------
Dolores	------	--	------	750	21	15,750	750	15,750
Douglas	250	38	9,500	6,450	14	90,300	6,700	99,800
Eagle	1,630	43	70,090	60	23	1,380	1,690	71,470
Elbert	------	--	------	7,260	15	108,900	7,260	108,900
El Paso	130	33	4,290	8,240	14	115,360	8,370	119,650
Fremont	690	35	24,150	1,030	13	13,390	1,720	37,540
Garfield	2,150	40	86,000	70	23	1,610	2,220	87,610
Gilpin	------	--	------	60	20	1,200	60	1,200
Grand	1,120	35	39,200	50	21	1,050	1,170	40,250
Gunnison	100	35	3,500	390	20	7,800	490	11,300
Hinsdale	------	--	------	------	--	------	------	------
Huerfano	580	37	21,460	880	15	13,200	1,460	34,660
Jackson	40	31	1,240	60	22	1,320	100	2,560
Jefferson	2,270	37	83,990	1,510	15	22,650	3,780	106,640
Kiowa	------	--	------	170	7	1,190	170	1,190
Kit Carson	------	--	------	2,180	7	15,260	2,180	15,260
Lake	------	--	------	------	--	------	------	------
La Plata	3,580	37	132,460	1,200	22	26,400	4,780	158,860
Larimer	4,890	40	195,600	1,120	14	15,680	6,010	211,280
Las Animas	720	39	28,080	1,330	11	14,630	2,050	42,710
Lincoln	------	--	------	120	7	840	120	840
Logan	2,180	34	74,120	3,880	9	34,920	6,060	109,040
Mesa	2,390	38	90,820	150	21	3,150	2,540	93,970
Mineral	------	--	------	------	--	------	------	------
Moffat	330	42	13,860	2,040	16	32,640	2,370	46,500
Montezuma	4,910	33	162,030	1,380	18	24,840	6,290	186,870
Montrose	5,060	38	192,280	270	21	5,670	5,330	197,950
Morgan	1,290	35	45,150	550	10	5,500	1,840	50,650
Otero	1,610	43	69,230	30	11	330	1,640	69,560
Ouray	660	41	27,060	160	24	3,840	820	30,900
Park	------	--	------	150	18	2,700	150	2,700
Phillips	------	--	------	7,210	7	50,470	7,210	50,470
Pitkin	1,290	42	54,180	------	--	------	1,290	54,180
Prowers	990	45	44,550	530	11	5,830	1,520	50,380
Pueblo	560	37	20,720	560	10	5,600	1,120	26,320
Rio Blanco	1,790	39	69,810	660	20	13,200	2,450	83,010
Rio Grande	4,130	34	140,420	------	--	------	4,130	140,420
Routt	90	36	3,240	8,640	22	190,080	8,730	193,320
Saguache	2,920	36	105,120	------	--	------	2,920	105,120
San Juan	------	--	------	------	--	------	------	------
San Miguel	160	39	6,240	160	21	3,360	320	9,600
Sedgwick	1,300	32	41,600	5,210	9	46,890	6,510	88,490
Summit	50	34	1,700	100	19	1,900	150	3,600
Teller	------	--	------	390	17	6,630	390	6,630
Washington	120	37	4,440	2,940	7	20,580	3,060	25,020
Weld	10,510	36	378,360	3,690	7	25,830	14,200	404,190
Yuma	------	--	------	3,240	10	32,400	3,240	32,400
State	81,220	--	3,042,840	80,780	--	1,088,160	162,000	4,131,000

ACREAGE AND PRODUCTION OF BARLEY, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	4,110	33	135,630	12,320	8	98,560	16,430	234,190
Alamosa	2,910	30	87,300	------	--	------	2,910	87,300
Arapahoe	1,120	39	43,680	8,210	11	90,310	9,330	133,990
Archuleta	100	32	3,200	360	21	7,560	460	10,760
Baca	230	24	5,520	11,110	5	55,550	11,340	61,070
Bent	4,050	35	141,750	160	13	2,080	4,210	143,830
Boulder	9,420	32	301,440	1,060	13	13,780	10,480	315,220
Chaffee	1,320	24	31,680	------	--	------	1,320	31,680
Cheyenne	------	--	------	3,740	5	18,700	3,740	18,700
Clear Creek	------	--	------	------	--	------	------	------
Conejos	4,770	32	152,640	------	--	------	4,770	152,640
Costilla	3,250	30	97,500	------	--	------	3,250	97,500
Crowley	630	28	17,640	------	--	------	630	17,640
Custer	290	36	10,440	440	14	6,160	730	16,600
Delta	1,390	35	48,650	------	--	------	1,390	48,650
Denver	------	--	------	------	--	------	------	------
Dolores	------	--	------	210	21	4,410	210	4,410
Douglas	------	--	------	1,460	8	11,680	1,460	11,680
Eagle	450	44	19,800	60	30	1,800	510	21,600
Elbert	20	24	480	6,860	10	68,600	6,880	69,080
El Paso	100	31	3,100	630	11	6,930	730	10,030
Fremont	190	31	5,890	120	18	2,160	310	8,050
Garfield	1,120	30	33,600	110	21	2,310	1,230	35,910
Gilpin	------	--	------	------	--	------	------	------
Grand	300	29	8,700	60	14	840	360	9,540
Gunnison	140	34	4,760	70	13	910	210	5,670
Hinsdale	------	--	------	------	--	------	------	------
Huerfano	880	30	26,400	880	13	11,440	1,760	37,840
Jackson	------	--	------	------	--	------	------	------
Jefferson	1,950	28	54,600	650	15	9,750	2,600	64,350
Kiowa	------	--	------	2,760	7	19,320	2,760	19,320
Kit Carson	------	--	------	29,410	5	147,050	29,410	147,050
Lake	------	--	------	------	--	------	------	------
La Plata	1,220	31	37,820	410	21	8,610	1,630	46,430
Larimer	16,970	37	627,890	1,660	11	18,260	18,630	646,150
Las Animas	530	31	16,430	1,990	6	11,940	2,520	28,370
Lincoln	------	--	------	11,110	6	66,660	11,110	66,660
Logan	9,240	27	249,480	32,770	7	229,390	42,010	478,870
Mesa	720	32	23,040	10	20	200	730	23,240
Mineral	------	--	------	------	--	------	------	------
Moffat	80	37	2,960	660	26	17,160	740	20,120
Montezuma	1,150	29	33,350	770	14	10,780	1,920	44,130
Montrose	1,250	31	38,750	110	21	2,310	1,360	41,060
Morgan	6,780	33	223,740	7,520	7	52,640	14,300	276,380
Otero	4,970	39	193,830	130	13	1,690	5,100	195,520
Ouray	180	24	4,320	340	16	5,440	520	9,760
Park	------	--	------	20	10	200	20	200
Phillips	------	--	------	19,980	5	99,900	19,980	99,900
Pitkin	70	29	2,030	------	--	------	70	2,030
Prowers	5,450	33	179,850	8,870	6	53,220	14,320	233,070
Pueblo	1,250	34	42,500	540	16	8,640	1,790	51,140
Rio Blanco	150	24	3,600	490	22	10,780	640	14,380
Rio Grande	6,240	33	205,920	------	--	------	6,240	205,920
Routt	120	30	3,600	3,190	22	70,180	3,310	73,780
Saguache	2,170	30	65,100	------	--	------	2,170	65,100
San Juan	------	--	------	------	--	------	------	------
San Miguel	190	25	4,750	320	21	6,720	510	11,470
Sedgwick	1,250	32	40,000	11,540	6	69,240	12,790	109,240
Summit	10	28	280	70	13	910	80	1,190
Teller	------	--	------	70	13	910	70	910
Washington	530	28	14,840	40,070	6	240,420	40,600	255,260
Weld	46,180	36	1,662,480	34,840	7	243,880	81,020	1,906,360
Yuma	30	28	840	26,370	6	158,220	26,400	159,060
State	145,470	--	4,911,800	284,530	--	1,968,200	430,000	6,880,000

COUNTY	PERCENTAGE DISTRIBUTION OF WHEAT ACREAGE, 1933				PERCENTAGE DISTRIBUTION OF WHEAT PRODUCTION, 1933			
	Spring Wheat % Total Wheat Acreage	Winter Wheat % Total Wheat Acreage	Irrigated Wheat % Total Wheat Acreage	Non-Irrigated Wheat % Total Wheat Acreage	Spring Wheat % Total Wheat Prod.	Winter Wheat % Total Wheat Prod.	Irrigated Wheat % Total Wheat Prod.	Non-Irrigated Wheat % Total Wheat Prod.
Adams	39.8	60.2	26.9	73.1	43.8	56.2	51.5	48.5
Alamosa	99.4	.6	100.0	----	99.4	.6	100.0	----
Arapahoe	31.6	68.4	8.5	91.5	27.5	72.5	21.6	78.4
Archuleta	92.8	7.2	43.3	56.7	93.7	6.3	58.2	41.8
Baca	.7	99.3	.5	99.5	.4	99.6	1.8	98.2
Bent	16.1	83.9	85.4	14.6	10.2	89.8	97.1	2.9
Boulder	85.4	14.6	93.6	6.4	86.7	13.3	97.7	2.3
Chaffee	95.7	4.3	100.0	----	96.2	3.8	100.0	----
Cheyenne	24.2	75.8	----	100.0	15.5	84.5	----	100.0
Clear Creek	----	----	----	----	----	----	----	----
Conejos	99.1	.9	100.0	----	98.7	1.3	100.0	----
Costilla	96.4	3.6	100.0	----	96.1	3.9	100.0	----
Crowley	93.3	6.7	60.0	40.0	96.2	3.8	82.7	17.3
Custer	32.1	67.9	44.6	55.4	36.7	63.3	66.2	33.8
Delta	93.1	6.9	97.1	2.9	91.7	8.3	98.3	1.7
Denver	----	----	----	----	----	----	----	----
Dolores	31.9	68.1	----	100.0	29.4	70.6	----	100.0
Douglas	35.6	64.4	1.9	98.1	23.4	76.6	3.8	96.2
Eagle	74.3	25.7	87.1	12.9	80.3	19.7	94.0	6.0
Elbert	69.9	30.1	----	100.0	56.4	43.6	----	100.0
El Paso	77.1	22.9	2.4	97.6	69.5	30.5	5.7	94.3
Fremont	54.8	45.2	87.1	12.9	55.0	45.0	94.7	5.3
Garfield	88.2	11.8	81.9	18.1	88.7	11.3	91.2	8.8
Gilpin	100.0	----	----	100.0	100.0	----	----	100.0
Grand	33.3	66.7	83.3	16.7	40.6	59.4	88.0	12.0
Gunnison	63.6	36.4	18.2	81.8	61.8	38.2	33.1	66.9
Hinsdale	----	----	----	----	----	----	----	----
Huerfano	----	----	----	----	----	----	----	----
Jackson	100.0	----	----	100.0	100.0	----	----	100.0
Jefferson	57.3	42.7	78.5	21.5	59.3	40.7	89.4	10.6
Kiowa	10.0	90.0	----	100.0	7.3	92.7	----	100.0
Kit Carson	64.1	35.9	----	100.0	43.3	56.7	----	100.0
Lake	----	----	----	----	----	----	----	----
La Plata	89.9	10.1	80.3	19.7	90.6	9.4	88.9	11.1
Larimer	73.1	26.9	66.5	33.5	80.2	19.8	86.6	13.4
Las Animas	39.8	60.2	14.8	85.2	48.8	51.2	42.5	57.5
Lincoln	85.6	14.4	----	100.0	74.8	25.2	----	100.0
Logan	52.9	47.1	2.1	97.9	46.7	53.3	5.6	94.4
Mesa	46.1	53.9	73.8	26.2	45.5	54.5	85.3	14.7
Mineral	----	----	----	----	----	----	----	----
Moffat	46.5	53.5	4.7	95.3	33.5	66.5	10.6	89.4
Montezuma	75.2	24.8	47.3	52.7	78.9	21.1	61.1	38.9
Montrose	94.0	6.0	94.6	5.7	93.3	6.7	97.1	2.9
Morgan	80.8	19.2	3.8	96.2	76.2	23.8	12.7	87.3
Otero	69.2	30.8	92.3	7.7	69.4	30.6	97.8	2.2
Ouray	72.4	27.6	52.0	48.0	79.2	20.8	71.3	28.7
Park	100.0	----	----	100.0	100.0	----	----	100.0
Phillips	14.8	85.2	----	100.0	9.0	91.0	----	100.0
Pitkin	95.6	4.4	100.0	----	95.0	5.0	100.0	----
Prowers	5.6	94.4	9.1	90.9	5.0	95.0	35.1	65.0
Pueblo	14.7	85.3	16.6	83.4	18.1	81.9	34.5	65.5
Rio Blanco	48.0	52.0	18.8	81.2	46.2	53.8	29.8	70.2
Rio Grande	99.7	.3	100.0	----	99.5	.5	100.0	----
Routt	68.1	31.9	.6	99.4	53.8	46.2	1.0	99.0
Saguache	98.9	1.1	100.0	----	98.7	1.3	100.0	----
San Juan	----	----	----	----	----	----	----	----
San Miguel	76.1	23.9	66.0	34.0	79.4	20.6	75.8	24.2
Sedgwick	25.3	74.7	5.3	94.7	24.2	75.8	14.5	85.5
Summit	25.0	75.0	----	100.0	23.3	76.7	----	100.0
Teller	75.0	25.0	----	100.0	78.6	21.4	----	100.0
Washington	70.1	29.9	.3	99.7	56.7	43.3	1.4	98.6
Weld	62.7	37.3	33.6	66.4	61.7	38.3	64.2	35.8
Yuma	22.1	77.9	1.2	98.8	11.7	88.3	4.2	95.8
State	51.1	48.9	23.8	76.2	59.2	40.8	53.2	46.8

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	2,690	24	64,560	15,230	8	121,840	17,920	186,400
Alamosa	20	24	480	------	--	------	20	480
Arapahoe	590	26	15,340	9,200	9	82,800	9,790	98,140
Archuleta	20	26	520	190	13	2,470	210	2,990
Baca	280	18	5,040	55,820	5	279,100	56,100	284,140
Bent	1,450	33	47,850	160	6	960	1,610	48,810
Boulder	1,320	27	35,640	470	10	4,700	1,790	40,340
Chaffee	20	23	460	------	--	------	20	460
Cheyenne	-----	--	------	1,750	7	12,250	1,750	12,250
Clear Creek	-----	--	------	------	--	------	------	------
Conejos	50	29	1,450	------	--	------	50	1,450
Costilla	120	26	3,120	------	--	------	120	3,120
Crowley	-----	--	------	40	7	280	40	280
Custer	110	24	2,640	270	9	2,430	380	5,070
Delta	310	29	8,990	------	--	------	310	8,990
Denver	-----	--	------	------	--	------	------	------
Dolores	-----	--	------	2,260	9	20,340	2,260	20,340
Douglas	40	21	840	2,040	11	22,440	2,080	23,280
Eagle	260	30	7,800	180	16	2,880	440	10,680
Elbert	-----	--	------	4,380	9	39,420	4,380	39,420
El Paso	40	24	960	900	10	9,000	940	9,960
Fremont	100	27	2,700	40	9	360	140	3,060
Garfield	350	30	10,500	350	12	4,200	700	14,700
Gilpin	-----	--	------	------	--	------	------	------
Grand	30	21	630	10	16	160	40	790
Gunnison	-----	--	------	40	15	600	40	600
Hinsdale	-----	--	------	------	--	------	------	------
Huerfano	-----	--	------	------	--	------	------	------
Jackson	-----	--	------	------	--	------	------	------
Jefferson	1,240	25	31,000	730	11	8,030	1,970	39,030
Kiowa	-----	--	------	2,170	7	15,190	2,170	15,190
Kit Carson	-----	--	------	4,460	7	31,220	4,460	31,220
Lake	-----	--	------	------	--	------	------	------
La Plata	500	24	12,000	270	13	3,510	770	15,510
Larimer	890	30	26,700	2,080	10	20,800	2,970	47,500
Las Animas	80	28	2,240	1,460	6	8,760	1,540	11,000
Lincoln	-----	--	------	1,590	8	12,720	1,590	12,720
Logan	260	24	6,240	25,480	8	203,840	25,740	210,080
Mesa	1,280	28	35,840	860	12	10,320	2,140	46,160
Mineral	-----	--	------	------	--	------	------	------
Moffat	80	26	2,080	2,760	14	38,640	2,840	40,720
Montezuma	370	25	9,250	2,120	10	21,200	2,490	30,450
Montrose	580	31	17,980	80	10	800	660	18,780
Morgan	100	19	1,900	3,410	7	23,870	3,510	25,770
Otero	270	27	7,290	50	8	400	320	7,690
Ouray	30	29	870	240	12	2,880	270	3,750
Park	-----	--	------	------	--	------	------	------
Phillips	-----	--	------	27,420	7	191,940	27,420	191,940
Pitkin	30	31	930	------	--	------	30	930
Prowers	1,120	27	30,240	11,380	5	56,900	12,500	87,140
Pueblo	230	28	6,440	2,030	10	20,300	2,260	26,740
Rio Blanco	70	25	1,750	1,640	16	26,240	1,710	27,990
Rio Grande	30	28	840	------	--	------	30	840
Routt	-----	--	------	1,990	24	47,760	1,990	47,760
Saguache	30	26	780	------	--	------	30	780
San Juan	-----	--	------	------	--	------	------	------
San Miguel	80	23	1,840	300	14	4,200	380	6,040
Sedgwick	140	25	3,500	6,950	7	48,650	7,090	52,150
Summit	-----	--	------	30	11	330	30	330
Teller	-----	--	------	10	9	90	10	90
Washington	100	23	2,300	9,870	7	69,090	9,970	71,390
Weld	6,390	27	172,420	22,910	9	206,230	29,300	378,650
Yuma	210	22	4,620	20,470	7	143,290	20,680	147,910
State	21,910	--	588,570	246,090	--	1,823,430	268,000	2,412,000

ACREAGE AND PRODUCTION OF SPRING WHEAT, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	5,330	20	106,600	6,510	6	39,060	11,840	145,660
Alamosa	3,570	22	78,540	------	--	------	3,570	78,540
Arapahoe	630	22	13,860	3,900	6	23,400	4,530	37,260
Archuleta	1,240	22	27,280	1,460	12	17,520	2,700	44,800
Baca	-----	--	------	400	3	1,200	400	1,200
Bent	190	26	4,940	120	5	600	310	5,540
Boulder	10,180	26	264,680	320	7	2,240	10,500	266,920
Chaffee	450	26	11,700	------	--	------	450	11,700
Cheyenne	-----	--	------	560	4	2,240	560	2,240
Clear Creek	-----	--	------	------	--	------	-----	-----
Conejos	5,240	23	120,520	------	--	------	5,240	120,520
Costilla	3,240	24	77,760	------	--	------	3,240	77,760
Crowley	360	17	6,120	200	5	1,000	560	7,120
Custer	140	19	2,660	40	7	280	180	2,940
Delta	4,060	24	97,440	130	14	1,820	4,190	99,260
Denver	-----	--	------	------	--	------	------	------
Dolores	-----	--	------	1,060	8	8,480	1,060	8,480
Douglas	20	16	320	1,130	6	6,780	1,150	7,100
Eagle	1,230	35	43,050	40	9	360	1,270	43,410
Elbert	-----	--	------	10,190	5	50,950	10,190	50,950
El Paso	60	15	900	3,110	7	21,770	3,170	22,670
Fremont	170	22	3,740	------	--	------	170	3,740
Garfield	4,520	24	108,480	730	10	7,300	5,250	115,780
Gilpin	-----	--	------	10	9	90	10	90
Grand	20	27	540	------	--	------	20	540
Gunnison	20	26	520	50	9	450	70	970
Hinsdale	-----	--	------	------	--	------	------	------
Huerfano	-----	--	------	------	--	------	------	------
Jackson	-----	--	------	10	9	90	10	90
Jefferson	2,380	23	54,740	260	8	2,080	2,640	56,820
Kiowa	-----	--	------	240	5	1,200	240	1,200
Kit Carson	-----	--	------	7,960	3	23,880	7,960	23,880
Lake	-----	--	------	------	--	------	------	------
La Plata	5,640	24	135,360	1,240	12	14,880	6,880	150,240
Larimer	6,460	28	180,880	1,620	7	11,340	8,080	192,220
Las Animas	300	23	6,900	720	5	3,600	1,020	10,500
Lincoln	-----	--	------	9,440	4	37,760	9,440	37,760
Logan	870	18	15,660	28,010	6	168,060	28,880	183,720
Mesa	1,650	22	36,300	180	12	2,160	1,830	38,460
Mineral	-----	--	------	------	--	------	------	------
Moffat	170	26	4,420	2,300	7	16,100	2,470	20,520
Montezuma	4,380	18	78,840	3,170	11	34,870	7,550	113,710
Montrose	9,830	26	255,580	520	14	7,280	10,350	262,860
Morgan	590	20	11,800	14,150	5	70,750	14,740	82,550
Otero	690	25	17,250	30	5	150	720	17,400
Ouray	480	25	12,000	230	10	2,300	710	14,300
Park	-----	--	------	30	8	240	30	240
Phillips	-----	--	------	4,750	4	19,000	4,750	19,000
Pitkin	650	27	17,550	------	--	------	650	17,550
Prowers	80	24	1,920	660	4	2,640	740	4,560
Pueblo	210	23	4,830	180	6	1,080	390	5,910
Rio Blanco	550	25	13,750	1,030	10	10,300	1,580	24,050
Rio Grande	8,750	22	192,500	------	--	------	8,750	192,500
Routt	40	25	1,000	4,210	13	54,730	4,250	55,730
Saguache	2,650	23	60,950	------	--	------	2,650	60,950
San Juan	-----	--	------	------	--	------	-----	-----
San Miguel	970	21	20,370	240	12	2,880	1,210	23,250
Sedgwick	360	18	6,480	2,040	5	10,200	2,400	16,680
Summit	-----	--	------	10	10	100	10	100
Teller	-----	--	------	30	11	330	30	330
Washington	-----	--	------	23,400	4	93,600	23,400	93,600
Weld	19,930	23	458,390	29,230	5	146,150	49,160	604,540
Yuma	120	20	2,400	5,730	3	17,190	5,850	19,590
State	108,420	--	2,559,520	171,580	--	940,480	280,000	3,500,000

ACREAGE AND PRODUCTION OF SUGAR BEETS AND RYE, 1933

COUNTY	SUGAR BEETS			RYE FOR GRAIN			Acreage Rye for Pasture	Total Rye Acreage
	Acreage	Average Yield	Production Tons	Acreage	Average Yield	Production Bushels		
Adams	8,290	12.8	106,110	270	6	1,620	210	480
Alamosa	1,370	6.0	8,220	-----	--	-----	-----	-----
Arapahoe	490	11.3	5,540	260	8	2,080	190	450
Archuleta	-----	---	-----	-----	--	-----	-----	-----
Baca	-----	---	-----	90	4	360	90	180
Bent	3,970	10.8	42,880	20	8	160	20	40
Boulder	7,100	13.5	95,850	-----	--	-----	20	20
Chaffee	-----	---	-----	10	7	70	-----	10
Cheyenne	-----	---	-----	10	4	40	20	30
Clear Creek	-----	---	-----	-----	--	-----	-----	-----
Conejos	400	5 9	2,360	-----	--	-----	-----	-----
Costilla	50	5.4	270	-----	--	-----	-----	-----
Crowley	2,140	10.3	22,040	10	9	90	10	20
Custer	-----	---	-----	170	8	1,360	40	210
Delta	3,710	11.6	43,040	10	15	150	-----	10
Denver	-----	---	-----	-----	--	-----	-----	-----
Dolores	-----	---	-----	70	10	700	40	110
Douglas	-----	---	-----	2,210	8	17,680	260	2,470
Eagle	-----	---	-----	-----	--	-----	-----	-----
Elbert	-----	---	-----	2,450	6	14,700	820	3,270
El Paso	960	11.0	10,560	1,730	6	10,380	920	2,650
Fremont	60	5.8	350	20	8	160	20	40
Garfield	2,830	11.3	31,980	20	15	300	20	40
Gilpin	-----	---	-----	20	10	200	-----	20
Grand	-----	---	-----	50	11	550	20	70
Gunnison	-----	---	-----	10	15	150	10	20
Hinsdale	-----	---	-----	-----	--	-----	-----	-----
Huerfano	150	10.4	1,560	30	9	270	20	50
Jackson	-----	---	-----	10	15	150	10	20
Jefferson	680	11.6	7,890	180	8	1,440	50	230
Kiowa	-----	---	-----	20	4	80	-----	20
Kit Carson	-----	---	-----	40	4	160	1,040	1,080
Lake	-----	---	-----	-----	--	-----	-----	-----
La Plata	-----	---	-----	-----	--	-----	10	10
Larimer	16,460	12.3	202,460	30	7	210	30	60
Las Animas	1,430	11.9	17,020	20	10	200	90	110
Lincoln	-----	---	-----	160	5	800	320	480
Logan	19,270	12.3	237,020	1,110	7	7,770	3,500	4,610
Mesa	3,210	7.1	22,790	50	16	800	20	70
Mineral	-----	---	-----	-----	--	-----	-----	-----
Moffat	-----	---	-----	1,240	10	12,400	960	2,200
Montezuma	-----	---	-----	70	16	1,120	20	90
Montrose	2,700	9.5	25,650	20	14	280	10	30
Morgan	22,430	14.5	325,230	190	6	1,140	2,840	3,030
Otero	12,670	12.1	153,310	120	10	1,200	20	140
Ouray	-----	---	-----	-----	--	-----	-----	-----
Park	-----	---	-----	-----	--	-----	-----	-----
Phillips	-----	---	-----	410	5	2,050	1,780	2,190
Pitkin	-----	---	-----	-----	--	-----	120	120
Prowers	6,370	10.0	63,700	40	8	320	20	60
Pueblo	9,010	11.4	102,710	20	9	180	60	80
Rio Blanco	-----	---	-----	110	11	1,210	40	150
Rio Grande	160	6.5	1,040	-----	--	-----	-----	-----
Routt	-----	---	-----	90	13	1,170	-----	90
Saguache	170	5.7	970	-----	--	-----	-----	-----
San Juan	-----	---	-----	-----	--	-----	-----	-----
San Miguel	-----	---	-----	10	15	150	40	50
Sedgwick	5,180	10.8	55,940	40	5	200	960	1,000
Summit	-----	---	-----	40	11	440	-----	40
Teller	-----	---	-----	10	10	100	-----	10
Washington	510	13.0	6,630	610	5	3,050	2,160	2,770
Weld	77,230	13.4	1,034,880	1,920	7	13,440	4,490	6,410
Yuma	-----	---	-----	3,980	4	15,920	1,680	5,660
State	209,000	---	2,628,000	18,000	--	117,000	23,000	41,000

ACREAGE AND PRODUCTION OF DRY BEANS, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Pounds	Acreage	Average Yield	Production Pounds	Acreage	Production Pounds
Adams	770	760	585,200	18,530	240	4,447,200	19,300	5,032,400
Alamosa	------	---	------	------	---	------	------	------
Arapahoe	180	650	117,000	17,430	270	4,706,100	17,610	4,823,100
Archuleta	------	---	------	20	280	5,600	20	5,600
Baca	------	---	------	3,440	130	447,200	3,440	447,200
Bent	100	760	76,000	410	170	69,700	510	145,700
Boulder	140	670	93,800	180	250	45,000	320	138,800
Chaffee	20	350	7,000	------	---	------	20	7,000
Cheyenne	------	---	------	1,390	230	319,700	1,390	319,700
Clear Creek	------	---	------	------	---	------	------	------
Conejos	360	780	280,800	------	---	------	360	280,800
Costilla	170	840	142,800	------	---	------	170	142,800
Crowley	1,010	650	656,500	4,020	220	884,400	5,030	1,540,900
Custer	------	---	------	------	---	------	------	------
Delta	140	650	91,000	------	---	------	140	91,000
Denver	------	---	------	------	---	------	------	------
Dolores	------	---	------	3,050	320	976,000	3,050	976,000
Douglas	------	---	------	2,300	270	621,000	2,300	621,000
Eagle	------	---	------	------	---	------	------	------
Elbert	------	---	------	55,120	300	16,536,000	55,120	16,536,000
El Paso	460	570	262,200	45,340	290	13,148,600	45,800	13,410,800
Fremont	30	800	24,000	60	210	12,600	90	36,600
Garfield	130	770	100,100	------	---	------	130	100,100
Gilpin	------	---	------	------	---	------	------	------
Grand	------	---	------	------	---	------	------	------
Gunnison	------	---	------	------	---	------	------	------
Hinsdale	------	---	------	------	---	------	------	------
Huerfano	100	750	75,000	1,920	250	480,000	2,020	555,000
Jackson	------	---	------	------	---	------	------	------
Jefferson	90	540	48,600	------	---	------	90	48,600
Kiowa	------	---	------	250	160	40,000	250	40,000
Kit Carson	------	---	------	2,230	230	512,900	2,230	512,900
Lake	------	---	------	------	---	------	------	------
La Plata	80	680	54,400	330	310	102,300	410	156,700
Larimer	540	830	448,200	750	280	210,000	1,290	658,200
Las Animas	3,390	880	2,983,200	13,640	190	2,591,600	17,030	5,574,800
Lincoln	------	---	------	31,010	220	6,822,200	31,010	6,822,200
Logan	870	640	556,800	5,600	270	1,512,000	6,470	2,068,800
Mesa	3,050	990	3,019,500	490	330	161,700	3,540	3,181,200
Mineral	------	---	------	------	---	------	------	------
Moffat	------	---	------	80	270	21,600	80	21,600
Montezuma	970	600	582,000	5,960	240	1,430,400	6,930	2,012,400
Montrose	290	890	258,100	------	---	------	290	258,100
Morgan	2,180	790	1,722,200	16,440	280	4,603,200	18,620	6,325,400
Otero	4,820	970	4,675,400	320	280	89,600	5,140	4,765,000
Ouray	------	---	------	------	---	------	------	------
Park	------	---	------	------	---	------	------	------
Phillips	------	---	------	980	220	215,600	980	215,600
Pitkin	------	---	------	------	---	------	------	------
Prowers	80	600	48,000	170	150	25,500	250	73,500
Pueblo	3,500	860	3,010,000	12,910	260	3,356,600	16,410	6,366,600
Rio Blanco	------	---	------	------	---	------	------	------
Rio Grande	------	---	------	------	---	------	------	------
Routt	------	---	------	------	---	------	------	------
Saguache	------	---	------	------	---	------	------	------
San Juan	------	---	------	------	---	------	------	------
San Miguel	------	---	------	110	250	27,500	110	27,500
Sedgwick	------	---	------	100	260	26,000	100	26,000
Summit	------	---	------	------	---	------	------	------
Teller	------	---	------	------	---	------	------	------
Washington	------	---	------	14,460	250	3,615,000	14,460	3,615,000
Weld	16,820	880	14,801,600	42,820	240	10,276,800	59,640	25,078,400
Yuma	------	---	------	2,850	260	741,000	2,850	741,000
State	40,290	---	34,719,400	304,710	---	79,080,600	345,000	113,800,000

ACREAGE AND PRODUCTION OF POTATOES, 1933

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	210	140	29,400	10	50	500	220	29,900
Alamosa	6,075	165	1,002,380	------	---	------	6,075	1,002,380
Arapahoe	10	130	1,300	5	50	250	15	1,550
Archuleta	265	130	34,450	260	70	18,200	525	52,650
Baca	------	---	------	5	20	100	5	100
Bent	5	100	500	------	---	------	5	500
Boulder	170	155	26,350	40	60	2,400	210	28,750
Chaffee	260	75	19,500	------	---	------	260	19,500
Cheyenne	------	---	------	25	45	1,120	25	1,120
Clear Creek	------	---	------	25	50	1,250	25	1,250
Conejos	6,775	140	948,500	------	---	------	6,775	948,500
Costilla	775	125	96,880	------	---	------	775	96,880
Crowley	------	---	------	5	45	220	5	220
Custer	205	150	30,750	1,775	80	142,000	1,980	172,750
Delta	1,065	185	197,020	------	---	------	1,065	197,020
Denver	------	---	------	------	---	------	------	------
Dolores	------	---	------	440	65	28,600	440	28,600
Douglas	5	140	700	125	40	5,000	130	5,700
Eagle	1,215	195	236,920	15	60	900	1,230	237,820
Elbert	------	---	------	660	30	19,800	660	19,800
El Paso	------	---	------	670	35	23,450	670	23,450
Fremont	50	100	5,000	300	60	18,000	350	23,000
Garfield	2,720	185	503,200	85	60	5,100	2,805	508,300
Gilpin	------	---	------	110	70	7,700	110	7,700
Grand	45	100	4,500	65	60	3,900	110	8,400
Gunnison	215	140	30,100	80	65	5,200	295	35,300
Hinsdale	5	130	650	------	---	------	5	650
Huerfano	30	110	3,300	120	50	6,000	150	9,300
Jackson	5	100	500	55	70	3,850	60	4,350
Jefferson	45	140	6,300	245	50	12,250	290	18,550
Kiowa	------	---	------	10	45	450	10	450
Kit Carson	------	---	------	250	55	13,750	250	13,750
Lake	------	---	------	------	---	------	------	------
La Plata	880	115	101,200	45	80	3,600	925	104,800
Larimer	475	160	76,000	50	60	3,000	525	79,000
Las Animas	25	95	2,380	95	35	3,320	120	5,700
Lincoln	------	---	------	200	40	8,000	200	8,000
Logan	690	150	103,500	845	55	46,480	1,535	149,980
Mesa	865	115	99,480	175	50	8,750	1,040	108,230
Mineral	5	114	570	------	---	------	5	570
Moffat	90	150	13,500	610	60	36,600	700	50,100
Montezuma	870	110	95,700	930	70	65,100	1,800	160,800
Montrose	4,720	185	873,200	------	---	------	4,720	873,200
Morgan	715	155	110,820	15	50	750	730	111,570
Otero	5	120	600	------	---	------	5	600
Ouray	120	160	19,200	65	65	4,220	185	23,420
Park	------	---	------	1,350	60	81,000	1,350	81,000
Phillips	------	---	------	90	60	5,400	90	5,400
Pitkin	880	185	162,800	------	---	------	880	162,800
Prowers	5	100	500	------	---	------	5	500
Pueblo	------	---	------	20	45	900	20	900
Rio Blanco	110	150	16,500	10	90	900	120	17,400
Rio Grande	17,240	195	3,361,800	------	---	------	17,240	3,361,800
Routt	150	160	24,000	600	70	42,000	750	66,000
Saguache	7,800	160	1,248,000	------	---	------	7,800	1,248,000
San Juan	------	---	------	------	---	------	------	------
San Miguel	95	150	14,250	215	60	12,900	310	27,150
Sedgwick	505	125	63,120	175	50	8,750	680	71,870
Summit	------	---	------	40	60	2,400	40	2,400
Teller	------	---	------	1,455	110	160,050	1,455	160,050
Washington	10	150	1,500	180	55	9,900	190	11,400
Weld	16,695	155	2,587,720	1,105	50	55,250	17,800	2,642,970
Yuma	15	140	2,100	235	60	14,100	250	16,200
State	73,115	---	12,156,640	13,885	---	893,360	87,000	13,050,000

ACREAGE AND PRODUCTION OF GRAIN AND SWEET SORGHUMS, 1933

COUNTY	GRAIN SORGHUMS			SWEET SORGHUMS			Total Acreage All Sorghums
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Tons	
Adams	2,740	10	27,400	8,650	2.0	17,300	11,390
Alamosa	-----	--	------	------	--	------	------
Arapahoe	2,990	10	29,900	3,660	2.0	7,320	6,650
Archuleta	-----	--	------	------	--	------	------
Baca	62,200	4	248,800	7,010	.8	5,610	69,210
Bent	15,690	8	125,520	1,780	2.3	4,090	17,470
Boulder	-----	--	------	20	3.0	60	20
Chaffee	-----	--	------	------	--	------	------
Cheyenne	27,190	9	244,710	10,560	1.0	10,560	37,750
Clear Creek	-----	--	------	------	--	------	------
Conejos	-----	--	------	------	--	------	------
Costilla	-----	--	------	------	--	------	------
Crowley	3,180	7	22,260	690	2.4	1,660	3,870
Custer	20	8	160	40	1.3	50	60
Delta	10	11	110	15	2.6	40	25
Denver	-----	--	------	------	--	------	------
Dolores	20	12	240	260	1.0	260	280
Douglas	190	9	1,710	1,470	1.4	2,060	1,660
Eagle	-----	--	------	------	--	------	------
Elbert	2,730	10	27,300	14,130	1.4	19,780	16,860
El Paso	3,050	10	30,500	5,620	1.8	10,120	8,670
Fremont	160	7	1,120	10	2.0	20	170
Garfield	65	12	780	30	3.2	100	95
Gilpin	-----	--	------	------	--	------	------
Grand	-----	--	------	------	--	------	------
Gunnison	-----	--	------	------	--	------	------
Hinsdale	-----	--	------	------	--	------	------
Huerfano	240	7	1,680	1,040	2.2	2,290	1,280
Jackson	-----	--	------	------	--	------	------
Jefferson	100	9	900	40	2.2	90	140
Kiowa	19,120	8	152,960	17,260	1.1	18,990	36,380
Kit Carson	26,840	9	241,560	19,840	1.0	19,840	46,680
Lake	-----	--	------	------	--	------	------
La Plata	100	11	1,100	40	3.1	120	140
Larimer	580	8	4,640	800	2.9	2,320	1,380
Las Animas	3,650	5	18,250	2,390	.9	2,150	6,040
Lincoln	12,070	9	108,630	15,230	1.0	15,230	27,300
Logan	2,540	11	27,940	13,430	2.0	26,860	15,970
Mesa	50	10	500	260	3.3	860	310
Mineral	-----	--	------	------	--	------	------
Moffat	50	8	400	120	1.4	170	170
Montezuma	630	12	7,560	10	3.4	30	640
Montrose	15	12	180	10	3.1	30	25
Morgan	5,860	10	58,600	11,930	2.2	26,250	17,790
Otero	3,160	7	22,120	1,140	2.2	2,520	4,300
Ouray	-----	--	------	------	--	------	------
Park	-----	--	------	------	--	------	------
Phillips	1,020	7	7,140	8,120	1.1	8,930	9,140
Pitkin	-----	--	------	------	--	------	------
Prowers	35,180	6	211,080	4,780	1.1	5,260	39,960
Pueblo	5,770	5	28,850	1,540	1.8	2,770	7,310
Rio Blanco	-----	--	------	------	--	------	------
Rio Grande	-----	--	------	------	--	------	------
Routt	-----	--	------	------	--	------	------
Saguache	-----	--	------	------	--	------	------
San Juan	-----	--	------	------	--	------	------
San Miguel	10	12	120	5	2.1	10	15
Sedgwick	520	7	3,640	450	2.0	900	970
Summit	-----	--	------	------	--	------	------
Teller	-----	--	------	------	--	------	------
Washington	17,500	10	175,000	18,290	1.1	20,120	35,790
Weld	9,040	11	99,440	15,960	2.1	33,520	25,000
Yuma	19,720	10	197,200	23,370	1.1	25,710	43,090
State	284,000	--	2,130,000	210,000	--	294,000	494,000

ACREAGE AND PRODUCTION OF BROOMCORN AND ALFALFA, 1933

COUNTY	BROOMCORN			ALFALFA		
	Acreage	Average Yield	Production Pounds	Acreage	Average Yield	Production Tons
Adams	-----	---	------	12,600	1.6	20,160
Alamosa	-----	---	------	14,140	1.4	19,800
Arapahoe	-----	---	------	8,860	1.3	11,520
Archuleta	-----	---	------	6,500	1.5	97,500
Baca	43,570	160	6,971,200	1,470	1.0	1,470
Bent	650	158	102,700	21,950	2.1	46,090
Boulder	-----	---	------	27,460	2.0	54,920
Chaffee	-----	---	------	2,620	1.6	4,190
Cheyenne	-----	---	------	450	1.0	450
Clear Creek	-----	---	------	10	1.5	20
Conejos	-----	---	------	14,530	1.3	18,890
Costilla	-----	---	------	5,500	1.7	9,350
Crowley	-----	---	------	7,360	2.0	14,720
Custer	-----	---	------	2,410	1.3	3,130
Delta	-----	---	------	26,630	2.2	58,590
Denver	-----	---	------	-----	---	------
Dolores	-----	---	------	260	1.2	310
Douglas	-----	---	------	8,170	1.3	10,620
Eagle	-----	---	------	9,940	1.8	17,890
Elbert	-----	---	------	5,680	1.0	5,680
El Paso	-----	---	------	3,060	1.2	3,670
Fremont	-----	---	------	5,450	2.2	11,990
Garfield	-----	---	------	44,370	2.0	88,740
Gilpin	-----	---	------	-----	---	------
Grand	-----	---	------	860	1.8	1,550
Gunnison	-----	---	------	3,130	1.6	5,010
Hinsdale	-----	---	------	70	1.5	100
Huerfano	-----	---	------	11,590	1.6	18,540
Jackson	-----	---	------	10	1.5	20
Jefferson	-----	---	------	12,690	1.8	22,840
Kiowa	1,250	148	185,000	1,420	1.1	1,560
Kit Carson	110	152	16,700	790	1.2	950
Lake	-----	---	------	-----	---	------
La Plata	-----	---	------	23,620	1.6	37,790
Larimer	-----	---	------	39,020	1.8	70,240
Las Animas	920	151	138,900	12,940	1.5	19,410
Lincoln	-----	---	------	370	1.0	370
Logan	-----	---	------	21,900	1.9	41,610
Mesa	-----	---	------	32,420	2.0	64,840
Mineral	-----	---	------	40	1.5	60
Moffat	-----	---	------	14,470	1.1	15,920
Montezuma	-----	---	------	21,920	1.5	32,880
Montrose	-----	---	------	45,060	2.1	94,630
Morgan	-----	---	------	21,580	1.9	41,000
Otero	-----	---	------	18,410	2.1	38,660
Ouray	-----	---	------	4,170	1.7	7,090
Park	-----	---	------	10	1.1	10
Phillips	-----	---	------	180	1.1	200
Pitkin	-----	---	------	2,550	1.7	4,340
Prowers	8,500	163	1,385,500	30,500	1.8	54,900
Pueblo	-----	---	------	14,200	2.0	28,400
Rio Blanco	-----	---	------	21,050	1.3	27,360
Rio Grande	-----	---	------	9,330	1.8	16,790
Routt	-----	---	------	9,460	1.6	15,140
Saguache	-----	---	------	10,200	1.5	15,300
San Juan	-----	---	------	-----	---	------
San Miguel	-----	---	------	3,840	1.6	6,140
Sedgwick	-----	---	------	4,640	2.0	9,280
Summit	-----	---	------	40	1.2	50
Teller	-----	---	------	170	1.1	190
Washington	-----	---	------	2,490	1.3	3,240
Weld	-----	---	------	86,910	1.8	156,440
Yuma	-----	---	------	1,530	1.6	2,450
State	55,000	---	8,800,000	713,000	---	1,355,000

ACREAGE OF HAY CROPS, 1933

COUNTY	Alfalfa	All Clover and Timothy, Alone or Mixed	Millet and Sudan Grass	All Other Tame Hay*	Total Tame Hay	Wild Grass Cut for Hay	Total Hay
Adams	12,600	110	3,410	750	16,870	2,750	19,620
Alamosa	14,140	1,870	-----	11,180	27,190	12,640	39,830
Arapahoe	8,860	130	3,340	3,640	15,970	2,310	18,280
Archuleta	6,500	12,180	30	1,290	20,000	1,580	21,580
Baca	1,470	-----	1,240	360	3,070	470	3,540
Bent	21,950	-----	310	300	22,560	250	22,810
Boulder	27,460	460	20	870	28,810	4,070	32,880
Chaffee	2,620	2,840	-----	1,420	6,880	950	7,830
Cheyenne	450	50	4,980	290	5,770	1,380	7,150
Clear Creek	10	180	-----	800	990	310	1,300
Conejos	14,530	1,640	-----	2,840	19,010	21,740	40,750
Costilla	5,500	1,820	-----	2,690	10,010	1,460	11,470
Crowley	7,360	30	620	820	8,830	90	8,920
Custer	2,410	3,260	100	12,440	18,210	4,020	22,230
Delta	26,630	970	80	2,160	29,840	190	30,030
Denver	-----	-----	-----	-----	-----	-----	-----
Dolores	260	290	10	500	1,060	120	1,180
Douglas	8,170	810	1,530	4,820	15,330	2,640	17,970
Eagle	9,940	12,620	-----	1,410	23,970	420	24,390
Elbert	5,680	450	6,930	9,880	22,940	4,320	27,260
El Paso	3,060	970	9,440	12,400	25,870	6,020	31,890
Fremont	5,450	1,890	210	5,920	13,470	260	13,730
Garfield	44,370	1,240	30	1,290	46,930	250	47,180
Gilpin	-----	-----	-----	720	720	560	1,280
Grand	860	14,570	-----	13,140	28,570	5,420	33,990
Gunnison	8,130	20,520	-----	12,640	36,290	16,920	53,210
Hinsdale	70	2,860	-----	300	3,230	810	4,040
Huerfano	11,590	4,560	230	2,670	19,050	1,220	20,270
Jackson	10	1,220	-----	2,390	3,620	90,270	93,890
Jefferson	12,690	1,500	1,040	2,690	17,920	1,080	19,000
Kiowa	1,420	60	1,210	420	3,110	110	3,220
Kit Carson	790	70	7,680	3,070	11,610	1,790	13,400
Lake	-----	20	-----	1,600	1,620	6,730	8,350
La Plata	23,620	4,840	30	4,510	33,000	800	33,800
Larimer	39,020	2,760	1,470	11,240	54,490	5,120	59,610
Las Animas	12,940	3,670	490	4,980	22,080	1,350	23,430
Lincoln	370	110	8,320	4,880	13,680	4,410	18,090
Logan	21,900	530	10,460	1,850	34,740	12,760	47,500
Mesa	32,420	990	160	2,460	36,030	520	36,550
Mineral	40	1,530	-----	920	2,490	1,840	4,330
Moffat	14,470	4,240	120	9,540	28,370	3,820	32,190
Montezuma	21,920	1,280	120	1,510	24,830	120	24,950
Montrose	45,060	1,870	60	1,240	48,230	660	48,890
Morgan	21,580	400	7,840	1,900	31,720	9,940	41,660
Otero	18,410	650	360	4,510	23,930	200	24,130
Ouray	4,170	7,410	30	1,160	12,770	1,310	14,080
Park	10	430	-----	6,380	6,820	37,870	44,690
Phillips	180	50	8,810	1,140	10,180	200	10,380
Pitkin	2,550	7,520	-----	270	10,340	230	10,570
Prowers	30,500	70	1,860	1,760	34,190	480	34,670
Pueblo	14,200	1,160	1,280	960	17,600	2,190	19,790
Rio Blanco	21,050	9,350	10	8,720	39,130	2,980	42,110
Rio Grande	9,330	4,980	-----	25,920	40,230	4,370	44,600
Routt	9,460	37,970	20	4,360	51,810	1,470	53,280
Saguache	10,200	5,200	-----	21,180	36,580	46,980	83,560
San Juan	-----	-----	-----	-----	-----	-----	-----
San Miguel	3,840	1,400	10	3,940	9,190	280	9,470
Sedgwick	4,640	360	4,060	2,940	12,000	4,780	16,780
Summit	40	7,500	-----	680	8,220	790	9,010
Teller	170	120	-----	9,900	10,190	960	11,150
Washington	2,490	120	23,940	4,340	30,890	10,780	41,670
Weld	86,910	1,840	20,460	14,020	123,230	13,500	136,730
Yuma	1,530	460	12,650	3,080	17,720	9,140	26,860
State	713,000	198,000	145,000	278,000	1,334,000	373,000	1,707,000

*Includes grains cut green.

ACREAGE AND PRODUCTION OF HAY, 1933

COUNTY	TAME HAY			WILD HAY			TOTAL HAY	
	Acreage	Yield	Production Tons	Acreage	Yield	Production Tons	Acreage	Production Tons
Adams	16,870	1.4	23,620	2,750	1.0	2,750	19,620	26,370
Alamosa	27,190	1.5	40,780	12,640	1.1	13,900	39,830	54,680
Arapahoe	15,970	1.3	20,760	2,310	.9	2,080	18,280	22,840
Archuleta	20,000	1.2	24,000	1,580	1.3	2,050	21,580	26,050
Baca	3,070	.9	2,760	470	.5	240	3,540	3,000
Bent	22,560	2.1	47,380	250	1.0	250	22,810	47,630
Boulder	28,810	1.9	54,740	4,070	1.2	4,880	32,880	59,620
Chaffee	6,880	1.3	8,940	950	1.2	1,140	7,830	10,080
Cheyenne	5,770	.9	5,190	1,380	1.1	1,520	7,150	6,710
Clear Creek	990	1.0	990	310	1.0	310	1,300	1,300
Conejos	19,010	1.3	24,710	21,740	1.2	26,080	40,750	50,790
Costilla	10,010	1.6	16,020	1,460	1.0	1,460	11,470	17,480
Crowley	8,830	1.8	15,900	90	1.0	90	8,920	15,990
Custer	18,210	1.0	18,210	4,020	1.0	4,020	22,230	22,230
Delta	29,840	2.2	65,650	190	1.3	250	30,030	65,900
Denver	------	--	------	------	--	------	------	------
Dolores	1,060	1.0	1,060	120	1.2	140	1,180	1,200
Douglas	15,330	1.3	19,930	2,640	1.0	2,640	17,970	22,570
Eagle	23,970	1.8	43,150	420	1.3	550	24,390	43,700
Elbert	22,940	.9	20,650	4,320	.9	3,890	27,260	24,540
El Paso	25,870	.9	23,280	6,020	1.1	6,620	31,890	29,900
Fremont	13,470	1.6	21,550	260	1.2	310	13,730	21,860
Garfield	46,930	2.0	93,860	250	1.2	300	47,180	94,160
Gilpin	720	.9	650	560	1.1	620	1,280	1,270
Grand	28,570	1.4	40,000	5,420	1.3	7,050	33,990	47,050
Gunnison	36,290	1.4	50,810	16,920	1.3	22,000	53,210	72,810
Hinsdale	3,230	.9	2,910	810	1.2	970	4,040	3,880
Huerfano	19,050	1.5	28,580	1,220	1.0	1,220	20,270	29,800
Jackson	3,620	1.3	4,710	90,270	1.2	108,320	93,890	113,030
Jefferson	17,920	1.7	30,460	1,080	1.4	1,510	19,000	31,970
Kiowa	3,110	.9	2,800	110	.9	100	3,220	2,900
Kit Carson	11,610	1.0	11,610	1,790	1.1	1,970	13,400	13,580
Lake	1,620	.9	1,460	6,730	.9	6,060	8,350	7,520
La Plata	33,000	1.5	49,500	800	1.3	1,040	33,800	50,540
Larimer	54,490	1.6	87,180	5,120	1.1	5,630	59,610	92,810
Las Animas	22,080	1.1	24,290	1,350	.9	1,220	23,430	25,510
Lincoln	13,680	.8	10,940	4,410	.9	3,970	18,090	14,910
Logan	34,740	1.5	52,110	12,760	1.0	12,760	47,500	64,870
Mesa	36,030	1.9	68,460	520	1.3	680	36,550	69,140
Mineral	2,490	1.3	3,240	1,840	.9	1,650	4,330	4,890
Moffat	28,370	1.1	31,210	3,820	1.0	3,820	32,190	35,030
Montezuma	24,830	1.4	34,760	120	1.4	170	24,950	34,930
Montrose	48,230	2.1	101,280	660	1.2	790	48,890	102,070
Morgan	31,720	1.6	50,750	9,940	1.1	10,930	41,660	61,680
Otero	23,930	2.1	50,250	200	1.3	260	24,130	50,510
Ouray	12,770	1.7	21,710	1,310	1.3	1,700	14,080	23,410
Park	6,820	1.1	7,500	37,870	1.1	41,660	44,690	49,160
Phillips	10,180	.8	8,140	200	1.2	240	10,380	8,380
Pitkin	10,340	1.3	13,440	230	1.1	250	10,570	13,690
Prowers	34,190	1.8	61,540	480	1.0	480	34,670	62,020
Pueblo	17,600	1.9	33,440	2,190	1.3	2,850	19,790	36,290
Rio Blanco	39,130	1.3	50,870	2,980	1.2	3,580	42,110	54,450
Rio Grande	40,230	1.6	64,370	4,370	1.2	5,240	44,600	69,610
Routt	51,810	1.4	72,530	1,470	1.3	1,910	53,280	74,440
Saguache	36,580	1.4	51,210	46,980	1.0	46,980	83,560	98,190
San Juan	------	--	------	------	--	------	------	------
San Miguel	9,190	1.2	11,030	280	1.0	280	9,470	11,310
Sedgwick	12,000	1.2	14,400	4,780	1.1	5,260	16,780	19,660
Summit	8,220	1.0	8,220	790	1.2	950	9,010	9,170
Teller	10,190	.8	8,150	960	1.3	1,250	11,150	9,400
Washington	30,890	.9	27,800	10,780	.9	9,700	41,670	37,500
Weld	123,230	1.5	184,840	13,500	.9	12,150	136,730	196,990
Yuma	17,720	1.0	17,720	9,140	.8	7,310	26,860	25,030
State	1,334,000	--	1,988,000	373,000	--	410,000	1,707,000	2,398,000

RANK OF COUNTIES IN THE PRODUCTION OF PRINCIPAL CROPS, 1933

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

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

NUMBER AND SIZE OF FARMS AND FARM TENURE, 1933

COUNTY	No. of Farms	Average No. of Acres Per Farm	Total Farm Acreage	Owners	Renters	Owners and Renters
Adams	1,270	289.09	367,140	610	480	180
Alamosa	350	284.37	99,530	217	117	16
Arapahoe	690	401.19	276,820	281	286	123
Archuleta	360	190.61	68,620	291	67	2
Baca	1,420	615.56	874,100	464	598	358
Bent	710	413.73	293,750	292	294	124
Boulder	950	133.88	127,190	511	385	54
Chaffee	200	301.40	60,280	171	22	7
Cheyenne	480	929.88	446,340	233	198	49
Clear Creek	30	425.33	12,760	23	7	----
Conejos	630	208.35	131,260	350	98	182
Costilla	310	124.45	38,580	187	102	21
Crowley	490	157.78	77,310	141	288	61
Custer	300	474.77	149,430	220	60	20
Delta	1,350	87.27	117,820	874	348	128
Denver*	-----	-----	-------	-----	-----	----
Dolores	150	302.47	45,370	98	18	34
Douglas	400	594.72	237,890	226	148	26
Eagle	350	231.66	81,080	301	49	----
Elbert	1,110	626.69	695,630	436	390	284
El Paso	910	520.75	473,880	442	347	121
Fremont	890	85.85	76,410	637	174	79
Garfield	760	188.61	143,340	514	194	52
Gilpin	30	307.33	9,220	25	5	----
Grand	260	614.54	159,780	199	30	31
Gunnison	290	416.21	120,700	269	20	1
Hinsdale	50	287.00	14,350	50	-----	----
Huerfano	450	436.53	196,440	434	6	10
Jackson	230	970.04	223,110	203	15	12
Jefferson	1,330	92.00	122,360	971	273	86
Kiowa	550	514.78	283,130	242	202	106
Kit Carson	1,550	533.72	827,270	318	777	455
Lake	30	476.00	14,280	30	-----	----
La Plata	730	283.10	206,660	466	203	61
Larimer	1,370	191.39	262,200	602	699	69
Las Animas	740	340.12	251,690	444	195	101
Lincoln	980	437.63	428,880	721	154	105
Logan	1,760	410.76	722,940	453	935	372
Mesa	2,040	93.36	190,460	1,482	70	488
Mineral	30	600.67	18,020	28	2	----
Moffat	610	492.23	300,260	430	125	55
Montezuma	640	200.64	128,410	408	166	66
Montrose	1,070	109.25	116,900	618	364	88
Morgan	1,390	287.67	399,860	454	708	228
Otero	930	91.34	84,950	383	487	60
Ouray	170	245.29	41,700	112	58	----
Park	230	815.83	187,640	134	54	42
Phillips	710	482.42	342,520	157	334	219
Pitkin	130	374.15	48,640	125	5	----
Prowers	1,150	349.51	401,940	331	598	221
Pueblo	1,130	233.58	263,950	665	342	123
Rio Blanco	320	620.28	198,490	302	6	12
Rio Grande	440	247.36	108,840	291	122	27
Routt	650	401.32	260,860	464	143	43
Saguache	350	275.37	96,380	197	146	7
San Juan	-----	-----	-------	-----	-----	----
San Miguel	190	428.42	81,400	160	23	7
Sedgwick	490	416.02	203,850	111	262	117
Summit	70	452.86	31,700	66	3	1
Teller	190	430.89	81,870	128	57	5
Washington	1,670	538.28	898,920	407	792	471
Weld	4,290	256.81	1,101,700	1,514	2,291	485
Yuma	1,610	555.86	894,930	514	735	361
State	44,960	338.56	15,221,730	22,427	16,077	6,456

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

FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL ACREAGE HARVESTED, 1933

COUNTY	Acreage Owners	Acreage Renters	Acreage Owners and Renters	Total Farm Acreage	Total Harvested Acreage	Area Acres	Harv. Area % of Total Area
Adams	112,576	150,151	104,413	367,140	207,560	807,680	25.70
Alamosa	63,860	27,539	8,131	99,530	52,830	465,280	11.35
Arapahoe	101,074	116,502	59,244	276,820	130,770	538,880	24.27
Archuleta	55,432	12.850	338	68.620	24,800	780,800	3.18
Baca	245,841	315,004	313,255	874,100	465,030	1,633,280	28.44
Bent	90,750	85,509	117,491	293,750	80,560	975,360	8.26
Boulder	65,578	52,440	9,172	127,190	94,440	488,960	19.31
Chaffee	50,370	7,394	2,516	60,280	15,560	693,120	2.24
Cheyenne	117,591	295,576	33,173	446,340	116,310	1,137,280	10.23
Clear Creek	12,332	428	------	12,760	640	249,600	0.26
Conejos	59,851	16,940	54,469	131,260	100,440	801,280	12.53
Costilla	24,035	11,189	3,356	38,580	29,530	758,400	3.89
Crowley	23,454	41,480	12,376	77,310	49,570	517,120	9.59
Custer	109,707	26,243	13,480	149,430	23,330	478,080	4.88
Delta	70,976	31,885	14,959	117,820	49,060	768,640	6.38
Denver	------	------	------	------	------	37,120	----
Dolores	27,170	3,108	15,092	45,370	13,590	667,520	2.04
Douglas	140,048	77,364	20,478	237,890	43,920	540,800	8.12
Eagle	71,155	9,925	------	81,080	25,170	1,036,800	2.43
Elbert	255,516	206,897	233,217	695,630	193,510	1,188,480	16.28
El Paso	219,005	154,214	100,661	473,880	128,940	1,357,440	9.50
Fremont	51,896	17,714	6,800	76,410	19,630	996,480	1.97
Garfield	102,470	31,240	9,630	143,340	46,220	1,988,480	2.32
Gilpin	7,053	2,167	------	9,220	1,120	84,480	1.33
Grand	114,672	15,590	29,518	159,780	31,480	1,194,240	2.64
Gunnison	109,409	10,568	723	120,700	35,200	2,034,560	1.73
Hinsdale	14,350	------	------	14,350	2,440	621,440	0.39
Huerfano	186,215	2,917	7,308	196,440	22,550	960,000	2.35
Jackson	197,303	8,950	16,857	223,110	79,020	1,044,480	7.57
Jefferson	85,809	30,455	6,096	122,360	54,520	517,120	10.54
Kiowa	122,956	83,859	76,315	283,130	125,230	1,150,720	10.88
Kit Carson	150,578	355,889	320,803	827,270	423,790	1,381,760	30.67
Lake	14,280	------	------	14,280	8,470	237,440	3.57
La Plata	143,009	40,326	23,325	206,660	44,470	1,184,640	3.75
Larimer	129,984	116,405	15,811	262,200	152,550	1,682,560	9.07
Las Animas	136,102	50,239	65,349	251,690	67,880	3,077,760	2.21
Lincoln	304,332	62,714	61,834	428,880	215,960	1,644,800	13.13
Logan	152,928	325,119	244,893	722,940	427,960	1,166,080	36.70
Mesa	128,582	7,657	54,221	190,460	69,250	2,024,320	3.42
Mineral	17,662	358	------	18,020	2,520	554,240	0.45
Moffat	194,141	56,109	50,010	300,260	37,350	2,981,120	1.25
Montezuma	76,352	31,570	20,488	128,410	47,310	1,312,640	3.60
Montrose	64,512	38,539	13,849	116,900	65,350	1,448,960	4.51
Morgan	113,331	165,918	120,611	399,860	240,430	823,040	29.21
Otero	28,829	48,056	8,065	84,950	70,920	805,760	8.80
Ouray	27,299	14,401	------	41,700	13,090	332,160	3.94
Park	106,252	35,103	46,285	187,640	30,560	1,434,880	2.13
Phillips	70,356	136,921	135,243	342,520	251,620	440,320	57.14
Pitkin	45,635	3,005	------	48,640	12,940	652,160	1.98
Prowers	111,111	173,763	117,066	401,940	196,390	1,043,200	18.82
Pueblo	139,537	74,320	50,093	263,950	89,080	1,557,120	5.72
Rio Blanco	184,765	5,242	8,483	198,490	32,830	2,062,720	1.59
Rio Grande	73,109	24,633	11,098	108,840	77,310	574,720	13.45
Routt	189,744	48,889	22,227	260,860	58,640	1,477,760	3.97
Saguache	54,403	38,182	3,795	96,380	60,640	2,005,120	3.02
San Juan	------	------	------	------	------	289,920	----
San Miguel	73,365	4,308	3,727	81,400	11,760	824,320	1.43
Sedgwick	46,612	93,280	63,958	203,850	138,780	339,840	40.84
Summit	30,334	875	491	31,700	5,910	415,360	1.42
Teller	61,020	17,280	3,570	81,870	9,850	350,080	2.81
Washington	189,538	337,911	371,471	898,920	440,390	1,613,440	27.29
Weld	309,247	482,503	309,950	1,101,700	655,290	2,574,080	25.46
Yuma	266,807	343,466	284,657	894,930	453,220	1,514,880	29.92
State	6,542,210	4,979,079	3,700,441	15,221,730	6,675,480	66,341,120	10.06

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1933

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	Dry Beans	Potatoes	All Sorghums	Alfalfa	Sugar Beets
Adams	925	244	643	328	330	389	43	435	284	288
Alamosa	---	242	211	---	197	---	282	---	284	70
Arapahoe	594	83	346	248	129	309	20	356	173	20
Archuleta	134	245	65	16	234	---	340	---	221	---
Baca	1,035	32	482	477	38	134	---	1,178	22	---
Bent	598	54	286	118	30	65	---	443	341	190
Boulder	755	579	652	185	605	5	16	2	840	432
Chaffee	---	124	88	2	100	2	136	---	140	---
Cheyenne	472	7	181	6	10	10	6	463	1	---
Clear Creek	---	---	---	---	---	---	16	---	4	---
Conejos	56	303	406	5	476	205	560	---	443	47
Costilla	29	80	174	5	192	69	168	3	115	11
Crowley	434	63	106	---	13	237	2	342	328	146
Custer	74	194	141	20	47	---	248	4	19	---
Delta	813	472	252	40	549	26	293	11	1,010	319
Denver	---	---	---	---	---	---	---	---	---	---
Dolores	114	61	28	54	48	96	132	62	3	---
Douglas	284	312	98	93	44	54	48	111	177	---
Eagle	---	134	85	34	128	---	190	---	32	8
Elbert	1,075	343	321	132	343	825	480	592	135	47
El Paso	848	321	49	33	125	560	142	396	43	19
Fremont	467	226	109	48	77	36	82	34	482	6
Garfield	223	305	187	39	409	7	358	5	555	149
Gilpin	---	26	3	---	7	---	28	---	---	---
Grand	---	82	22	3	3	---	77	---	18	---
Gunnison	---	54	47	9	18	---	203	---	12	---
Hinsdale	---	---	---	---	---	---	4	---	---	---
Huerfano	320	249	207	14	81	161	45	90	216	---
Jackson	---	10	7	4	---	---	11	---	---	---
Jefferson	448	448	211	147	241	10	103	22	683	46
Kiowa	476	5	89	12	7	5	2	536	14	---
Kit Carson	1,486	165	1,183	106	244	146	532	1,327	4	---
Lake	---	---	---	---	---	---	---	---	---	---
La Plata	281	475	331	32	517	42	471	17	599	---
Larimer	889	673	809	144	640	128	67	292	1,034	804
Las Animas	601	208	181	38	164	349	27	334	103	44
Lincoln	908	13	408	45	223	499	258	764	1	---
Logan	1,607	490	1,300	461	584	235	565	791	421	475
Mesa	1,435	621	263	319	675	290	864	121	1,579	236
Mineral	---	10	12	---	---	---	3	---	1	---
Moffat	225	273	101	156	214	18	301	10	272	3
Montezuma	386	356	178	32	367	247	429	98	411	---
Montrose	695	574	202	26	678	48	580	1	984	249
Morgan	1,212	196	792	78	221	483	116	766	627	619
Otero	657	271	464	60	121	406	3	190	768	628
Ouray	9	72	43	14	78	---	114	---	96	---
Park	---	158	59	---	9	---	171	---	1	---
Phillips	685	322	455	396	82	20	61	607	2	---
Pitkin	---	108	76	1	101	---	112	---	---	---
Prowers	970	159	661	188	36	18	1	887	543	262
Pueblo	827	174	223	149	59	300	13	229	589	374
Rio Blanco	---	166	42	37	131	---	217	---	210	---
Rio Grande	3	240	246	1	281	---	359	---	247	10
Routt	2	415	250	46	175	---	241	---	259	---
Saguache	---	188	179	10	90	---	233	---	140	---
San Juan	---	---	---	---	---	---	---	---	---	---
San Miguel	28	56	80	21	57	10	110	8	71	---
Sedgwick	459	247	372	147	56	2	52	---	120	127
Summit	---	16	9	1	4	---	42	---	---	---
Teller	6	180	31	---	4	---	136	---	5	1
Washington	1,597	213	1,197	275	412	428	85	1,265	56	53
Weld	2,853	1,200	2,715	422	1,222	1,748	1,321	905	2,366	2,227
Yuma	1,577	239	598	364	142	126	406	1,374	32	---
State	29,572	13,776	18,956	5,641	12,068	8,748	11,925	15,071	18,136	7,910

CARLOT SHIPMENTS OF COLORADO FRUITS AND VEGETABLES

CROP OF	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920
Fruits														
Apples	683	1,361	1,093	1,082	2,322	2,804	2,228	2,877	3,193	2,404	2,718	3,385	3,882	3,063
Peaches	842	1,743	1,507	1,369	1,765	1,117	1,709	1,271	834	1,772	1,254	1,428	1,223	1,091
Pears	79	125	397	249	1,082	264	737	750	717	955	696	774	745	654
Mixed Deciduous Fruits	3	9	18	25	34	22	37	44	26	62	60	99	----	----
Vegetables														
Potatoes	12,100	7,266	7,529	18,080	15,366	13,714	17,328	14,200	15,422	12,386	13,870	15,467	17,697	11,229
Cabbage	480	465	602	1,164	810	1,162	683	1,274	1,432	1,473	3,174	1,964	2,523	1,832
Celery	40	80	53	136	149	188	161	211	399	197	125	222	211	305
Onions	1,725	1,593	1,482	2,124	4,035	2,244	1,460	1,758	1,809	1,064	928	651	447	150
Lettuce	665	598	1,004	1,610	2,109	2,368	2,848	2,795	3,096	1,036	1,436	812	234	129
Mixed Vegetables	2,063	2,423	3,606	4,215	4,079	3,780	3,444	3,473	4,111	3,428	2,880	2,178	1,042	1,351
Cauliflower	1,046	1,137	1,455	1,309	1,500	843	411	220	191	61	101	4	3	----
Cantaloupes	2,395	2,442	2,525	3,910	3,195	2,110	2,993	3,574	3,224	2,654	2,195	4,420	3,288	2,482
Watermelons	43	68	87	90	31	35	34	71	80	56	55	148	149	67
Miscellaneous Melons	118	113	265	178	1,469	679	985	1,534	613	575	111	----	----	----
Dry Beans	1,764	777	1,881	4,312	2,347	1,575	1,710	1,866	2,927	1,316	1,732	427	486	333
Peas, Green	443	590	559	463	459	348	149	58	35	----	----	----	----	----
Carrots	47	3	44	43	96	216	10	62	29	26	12	4	9	1
Spinach	24	27	50	28	67	6	8	6	14	3	----	----	----	----
Tomatoes	30	67	195	138	55	59	20	27	195	77	128	94	38	135
Beans, String	42	10	76	165	58	3	5	1	5	----	----	----	----	----

Note—Shipments of 1933 crops of dry beans cover period from September 1, 1933, to May 1, 1934, and potato shipments cover period from July 1, 1933, to June 1, 1934.

AVERAGE ANNUAL PRICES RECEIVED BY FARMERS FOR AGRICULTURAL COMMODITIES, 1929, 1930, 1931, 1932 AND 1933

(The annual prices published below are secured by weighting the monthly farm prices collected by the United States Department of Agriculture by estimates of monthly marketing of each crop.)

CROP	Unit	PRICE PER UNIT (DOLLARS)									
		COLORADO					UNITED STATES				
		1933	1932	1931	1930	1929	1933	1932	1931	1930	1929
Corn	Bushel	$ .37	$ .28	$ .36	$ .48	$ .71	$ .36	$ .29	$ .321	$ .594	$ .798
Oats	Bushel	.28	.22	.27	.35	.47	.31	.14	.213	.322	.419
Barley	Bushel	.29	.20	.27	.40	.55	.41	.21	.325	.404	.539
Wheat	Bushel	.63	.37	.33	.62	.96	.73	.37	.391	.671	1.035
Rye	Bushel	.48	.23	.23	.40	.73	*	.225	.337	.442	.858
Beans, dry edible	100 lbs.	2.85	2.20	1.40	2.80	4.95	2.80	2.01	2.14	4.21	6.77
Potatoes	Bushel	.64	.26	.33	.69	1.14	*	.386	.463	.91	1.32
Sweet Potatoes	Bushel	---	---	---	---	---	*	.48	.72	1.08	1.17
Sugar Beets	Ton	5.00	4.62	5.44	6.91	6.93	5.32	5.26	5.94	7.14	7.08
Grain Sorghums	Bushel	.35	.16	.20	.40	.58	.414	.205	.256	.562	.668
Sweet Sorghums for Forage	Ton	4.10	4.75	4.80	6.30	8.00	4.64	3.54	5.70	9.01	8.92
Hay	Ton	6.00	6.30	7.80	8.90	10.50	7.55	6.29	8.60	11.47	11.46
Broomcorn	Ton	95.00	53.00	36.00	50.00	106.00	103.25	37.43	44.88	65.60	114.52
Soybeans	Bushel	---	---	---	---	---	*	.517	.610	1.51	2.05
Cowpeas	Bushel	---	---	---	---	---	*	.651	.885	1.97	2.68
Velvet Beans	Ton	---	---	---	---	---	*	4.76	9.86	13.78	13.98
Buckwheat	Bushel	---	---	---	---	---	.54	.43	.423	.789	.963
Rice	Bushel	---	---	---	---	---	.78	.42	.497	.784	.995
Hops	Pound	---	---	---	---	---	.303	.175	.138	.148	.114
Tobacco	Pound	---	---	---	---	---	.129	.105	.082	.129	.186
Peanuts	Pound	---	---	---	---	---	*	.0143	.0209	.0354	.0383
Pecans	Pound	---	---	---	---	---	*	.056	.079	.15	.15
Cotton Lint	Pound	---	---	---	---	---	.092	.065	.0566	.0946	.1679
Cotton Seed	Ton	---	---	---	---	---	13,17	10.26	9.52	21.93	30.43
Flaxseed	Bushel	---	---	---	---	---	1.59	.88	1.166	1.610	2.812

Alfalfa Seed	Bushel	5.70	5.50	6.30	9.80	9.80	*	5.41	7.34	10.75	12.01
Red Clover Seed	Bushel	5.30	4.65	6.40	9.60	9.40	*	4.79	7.27	11.55	10.45
Sweet Clover Seed	Bushel	2.25	2.35	3.10	3.70	3.90	*	1.38	2.61	3.43	3.62
Lespedeza Seed	Bushel	---	---	---	---	---	*	1.47	2.58	2.83	2.97
Timothy Seed	Bushel	---	---	---	---	---	*	.89	1.39	2.50	1.97
Sugar Cane Sirup	Gallon	---	---	---	---	---	*	.39	.493	.577	.727
Sorghum Sirup	Gallon	---	---	---	---	---	*	.378	.43	.79	.90
Maple Sirup	Gallon	---	---	---	---	---	*	1.497	1.737	2.032	2.040
Maple Sugar	Pound	---	---	---	---	---	*	.242	.255	.301	.302
Apples	Bushel	.57	.42	.61	.86	1.11	*	.591	.652	1.022	1.386
Peaches	Bushel	1.30	.42	.50	1.45	1.45	*	.524	.562	.887	1.326
Pears	Bushel	.65	.40	.60	1.30	1.50	*	.392	.602	.751	1.426
Grapes	Ton	55.00	45.00	50.00	65.00	70.00	*	13.24	22.40	19.28	27.23
Cherries	Ton	54.00	52.00	70.00	90.00	120.00	*	44.87	74.92	128.39	160.83
Prunes, fresh	Ton	---	---	---	---	---	*	6.77	20.39	21.57	23.07
Prunes, dried	Ton	---	---	---	---	---	*	51.97	60.19	56.13	149.52
Oranges	Box	---	---	---	---	---	*	1.47	1.33	1.64	3.62
Grapefruit	Box	---	---	---	---	---	*	1.11	1.05	1.21	2.42
Milk, wholesale	100 lbs.	1.09	1.20	1.60	1.90	2.20	1.253	1.256	1.70	2.26	2.57
Milk, retail	Quart	.076	.081	.092	.101	.103	*	.088	.101	.112	.114
Butter	Pound	.21	.20	.28	.36	.44	*	.208	.273	.363	.43
Butterfat	Pound	.16	.15	.22	.31	.43	*	.179	.248	.345	.452
Eggs	Dozen	.125	.128	.162	.226	.276	.138	.1416	.173	.246	.295
Chickens	Pound	.075	.092	.128	.156	.187	*	.112	.155	.175	.218
Horses	Head	52.00	37.00	39.00	48.00	55.00	*	53.01	52.65	59.22	69.22
Mules	Head	66.00	51.00	52.00	63.00	71.00	*	60.43	60.74	70.17	86.15
Cattle	Pound	.036	.045	.055	.081	.097	*	.0425	.055	.077	.095
Calves	Pound	.047	.05	.075	.109	.12	*	.049	.069	.097	.121
Hogs	Pound	.033	.0325	.058	.087	.094	*	.0333	.057	.088	.094
Sheep	Pound	.02	.0195	.035	.052	.075	*	.0218	.031	.047	.072
Lambs	Pound	.049	.049	.066	.086	.128	*	.0445	.056	.077	.119
Wool	Pound	.188	.072	.13	.19	.29	.2057	.0869	.135	.195	.302

1933 prices are preliminary.

*Figures not available as of May 15, 1934.

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH

CORN
(Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	70	70	68	66	72	72	70	73	70	64	62	58
1911	56	54	53	54	59	62	64	68	72	75	76	76
1912	75	76	74	79	83	86	85	80	75	72	62	44
1913	41	44	50	52	50	52	54	62	72	76	74	71
1914	70	69	70	70	70	72	72	71	72	72	66	62
1915	66	68	70	68	66	65	66	68	66	56	52	55
1916	58	62	64	66	66	66	72	76	78	77	83	90
1917	92	92	98	120	145	161	174	186	184	155	130	122
1918	128	144	150	150	147	148	152	156	154	146	138	140
1919	142	136	134	143	150	156	166	168	172	164	146	141
1920	133	120	124	144	155	160	160	150	126	98	80	61
1921	48	43	42	48	50	48	49	42	36	33	31	32
1922	34	39	44	48	50	51	50	45	44	55	66	64
1923	61	62	66	78	84	82	78	74	73	75	70	68
1924	60	60	58	59	65	62	90	95	93	94	90	104
1925	115	115	106	87	100	110	108	99	98	92	70	70
1926	72	65	60	57	62	65	68	72	75	79	76	73
1927	70	71	72	73	79	91	97	97	94	83	70	69
1928	69	72	80	87	93	94	92	85	83	80	73	73
1929	76	80	80	78	79	78	80	87	87	88	80	76
1930	71	71	66	68	68	71	68	77	77	70	61	55
1931	48	44	42	44	43	40	42	42	38	34	41	37
1932	36	35	33	33	33	32	33	32	31	28	23	21
1933	20	20	21	27	36	35	50	46	43	35	40	36
1934	37	36	37	36	--	--	--	--	--	--	--	--

OATS
(Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	54	54	56	56	56	58	58	56	52	46	46	45
1911	44	44	44	47	50	50	53	55	52	50	49	48
1912	48	47	52	58	60	60	57	47	41	39	37	38
1913	38	40	40	38	40	42	44	47	47	46	45	45
1914	45	46	47	48	50	50	45	42	46	48	46	48
1915	49	48	48	52	53	50	50	48	43	42	42	42
1916	42	45	50	52	54	55	56	54	54	58	58	62
1917	64	64	69	84	97	98	92	86	82	72	71	77
1918	76	80	96	101	100	96	90	92	90	84	80	86
1919	90	86	82	89	96	90	89	87	83	84	86	90
1920	90	92	97	99	100	110	104	90	84	74	64	56
1921	53	51	56	53	51	56	53	48	40	36	34	32
1922	32	36	40	43	44	44	44	42	38	38	43	46
1923	49	53	58	64	66	67	66	58	50	46	46	48
1924	48	47	50	48	45	49	55	56	54	50	54	55
1925	60	63	65	67	62	63	58	53	49	49	49	48
1926	46	47	47	49	48	48	47	44	43	44	43	41
1927	47	49	48	50	50	55	56	50	49	45	46	48
1928	50	50	55	58	62	60	62	47	43	44	45	47
1929	48	52	53	54	54	50	53	49	47	45	47	46
1930	45	44	45	45	45	44	39	38	37	35	35	34
1931	34	32	35	34	33	32	29	26	26	23	29	29
1932	29	30	30	30	31	29	28	24	22	20	19	18
1933	18	18	18	20	24	24	34	29	28	26	28	27
1934	28	29	29	29	--	--	--	--	--	--	--	--

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

BARLEY
(Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	68	68	72	66	70	76	74	69	62	60	60	63
1911	64	58	56	60	62	65	68	68	68	66	67	68
1912	65	68	76	86	86	81	81	60	55	49	52	46
1913	46	48	44	48	49	48	48	52	56	55	54	56
1914	59	59	58	60	60	58	56	57	60	64	60	56
1915	60	66	66	66	64	60	58	58	52	48	50	55
1916	58	57	62	66	64	64	62	69	76	76	81	85
1917	88	88	101	128	146	142	125	119	114	105	104	111
1918	123	134	151	159	149	135	124	125	132	120	--	124
1919	128	133	131	116	122	138	152	143	126	130	128	123
1920	122	124	136	146	147	148	144	137	106	--	73	65
1921	62	60	--	--	62	63	--	60	55	--	--	40
1922	41	44	46	46	46	48	50	50	45	49	58	58
1923	60	61	65	75	78	67	58	54	50	52	54	50
1924	49	51	53	52	55	57	64	68	65	70	71	76
1925	86	90	90	79	79	84	75	67	60	62	58	57
1926	57	57	56	58	61	55	56	48	55	54	54	55
1927	58	59	61	64	65	69	70	62	58	55	54	56
1928	59	63	67	73	75	76	74	51	46	48	52	55
1929	60	60	63	62	61	58	57	54	54	56	56	57
1930	56	52	53	53	55	53	42	44	43	41	39	36
1931	35	34	35	35	35	32	30	23	25	22	29	29
1932	30	29	29	31	30	29	26	20	20	19	18	18
1933	17	17	17	22	25	26	36	30	29	27	30	27
1934	29	30	31	31	--	--	--	--	--	--	--	--

WHEAT
(Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	98	99	98	97	96	98	96	94	90	86	84	80
1911	78	77	77	79	82	83	88	86	80	80	82	84
1912	84	84	87	92	94	94	92	82	76	76	76	70
1913	72	75	75	75	74	73	72	72	74	74	76	76
1914	74	75	76	78	78	77	76	78	81	81	84	90
1915	107	121	118	118	120	104	95	92	82	84	83	84
1916	93	97	94	91	91	88	92	112	128	135	145	145
1917	148	152	156	180	220	242	232	210	200	194	190	192
1918	190	190	192	193	192	195	200	198	194	192	194	194
1919	198	195	194	201	203	206	204	196	194	198	200	210
1920	216	212	212	215	225	234	226	212	196	178	152	136
1921	138	138	130	108	112	118	96	86	86	82	76	78
1922	80	94	102	99	99	90	84	84	78	84	90	92
1923	95	96	99	100	100	94	80	72	79	84	84	86
1924	84	83	84	82	84	82	95	105	100	115	118	127
1925	142	163	155	133	139	141	128	145	138	129	136	145
1926	152	147	135	131	132	127	111	108	105	107	110	109
1927	110	113	109	111	109	119	118	109	107	105	103	107
1928	108	109	115	118	132	127	114	83	80	85	85	87
1929	89	93	95	89	84	80	91	101	100	98	91	95
1930	96	90	84	89	84	84	68	64	63	57	53	54
1931	52	51	51	51	52	45	32	28	30	33	46	42
1932	43	42	40	40	39	36	34	36	35	33	32	30
1933	31	32	33	42	55	55	80	66	62	57	65	58
1934	61	62	61	59	--	--	--	--	--	--	--	--

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

RYE
(Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	74	74	74	71	75	79	78	78	70	68	68	66
1911	64	63	64	65	64	61	60	72	76	68	68	68
1912	68	72	80	82	78	75	76	70	59	54	54	54
1913	53	52	50	52	57	62	64	63	62	59	58	60
1914	62	58	56	62	64	60	62	61	59	60	62	64
1915	69	80	90	98	96	84	78	78	70	64	67	72
1916	72	74	76	75	74	71	72	79	84	94	105	100
1917	104	110	108	128	148	148	146	135	142	151	144	140
1918	136	139	162	176	163	138	138	165	166	151	141	138
1919	128	125	138	151	144	134	140	151	147	132	129	131
1920	142	136	125	152	172	194	184	150	138	121	110	98
1921	101	92	90	96	95	90	77	68	70	67	60	58
1922	58	62	66	68	70	72	68	57	51	60	68	67
1923	67	65	65	70	75	70	56	50	56	60	58	56
1924	54	58	58	60	60	55	59	70	--	83	85	95
1925	103	118	112	89	82	95	82	83	82	69	63	70
1926	70	71	61	59	58	61	65	70	70	73	71	65
1927	68	73	72	70	72	78	80	72	71	68	67	72
1928	73	73	79	80	89	87	85	67	67	70	71	71
1929	72	76	75	75	70	66	69	76	73	73	71	73
1930	71	66	59	63	61	57	38	42	46	41	33	33
1931	31	30	28	31	32	29	22	20	21	24	32	32
1932	32	32	33	30	30	28	28	28	26	23	21	20
1933	21	21	21	27	32	32	62	50	52	43	47	41
1934	44	44	44	45	--	--	--	--	--	--	--	--

POTATOES
(Cents per bushel)

Year	Jan.	Feb	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	62	59	54	35	26	32	50	75	80	70	60	53
1911	54	60	60	70	77	122	170	162	135	98	90	94
1912	90	95	102	120	146	140	115	94	70	55	46	38
1913	35	39	42	36	30	34	49	69	70	62	63	62
1914	60	60	60	58	58	74	86	88	81	72	62	48
1915	50	58	57	63	71	73	86	82	54	42	48	58
1916	70	76	80	95	105	118	133	130	100	103	130	130
1917	138	194	220	228	258	257	244	186	113	88	90	94
1918	106	104	85	64	51	51	120	168	132	97	88	88
1919	76	70	66	77	83	76	120	160	155	150	158	162
1920	181	226	274	330	428	450	400	265	123	94	76	70
1921	60	56	64	68	67	81	96	110	103	90	81	66
1922	77	80	70	64	55	62	70	88	76	48	41	32
1923	41	40	34	45	43	41	96	128	95	74	65	64
1924	71	65	65	70	71	180	150	120	60	53	51	52
1925	63	64	80	77	85	113	166	152	114	110	188	173
1926	193	178	175	230	180	145	140	105	110	115	130	125
1927	130	110	110	115	135	170	200	140	85	65	60	60
1928	55	55	80	80	60	55	75	65	55	35	45	45
1929	45	40	45	45	45	50	100	120	115	110	115	115
1930	110	115	120	120	140	150	115	105	85	70	70	60
1931	60	55	50	60	55	50	75	70	35	30	30	30
1932	29	26	27	28	28	32	43	28	26	22	24	25
1933	24	24	26	34	34	38	120	115	75	48	48	48
1934	65	75	65	50	--	--	--	--	--	--	--	--

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

HAY (LOOSE)
(Dollars per ton)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	11.25	11.00	10.55	10.00	10.00	10.30	10.05	10.40	10.45	10.30	10.60	10.65
1911	10.75	10.60	10.55	10.40	10.70	10.50	10.20	10.05	9.55	9.95	9.65	9.40
1912	9.80	10.30	11.55	13.00	13.75	12.85	10.55	9.25	8.70	8.80	8.95	8.85
1913	8.85	8.50	8.30	8.30	8.30	8.60	8.70	8.45	8.85	9.30	9.65	9.80
1914	10.15	11.10	10.65	9.65	9.80	9.55	8.50	8.20	8.20	8.25	7.95	7.45
1915	7.45	7.50	7.30	7.30	7.85	8.40	8.65	8.15	7.45	7.40	7.60	7.95
1916	8.55	9.15	9.55	9.65	10.00	10.35	10.10	9.40	8.75	9.35	10.60	11.05
1917	11.55	12.55	13.65	15.95	18.95	19.60	16.00	13.75	14.50	15.15	16.20	16.85
1918	18.05	17.85	15.50	15.65	16.00	15.15	14.65	13.85	14.15	15.10	15.55	15.35
1919	14.70	15.75	17.15	20.05	21.80	19.40	18.50	18.60	18.25	17.50	17.75	18.00
1920	18.50	18.75	18.15	18.65	20.60	20.60	18.75	17.55	16.00	13.20	11.50	11.50
1921	10.55	10.20	9.95	9.35	8.85	9.20	8.90	8.20	7.30	6.70	7.05	6.60
1922	6.40	6.50	6.95	7.32	7.02	6.40	6.80	7.95	8.70	9.15	10.20	10.60
1923	10.95	12.05	12.30	13.15	14.20	13.05	10.30	9.00	9.15	9.15	10.15	12.90
1924	11.00	10.50	10.50	10.00	10.00	10.50	9.50	10.80	10.00	11.50	11.30	12.00
1925	12.30	12.30	13.60	11.60	11.20	12.00	13.70	12.00	11.60	10.70	12.00	12.20
1926	11.50	10.70	11.30	10.50	11.90	11.10	10.50	9.80	9.50	9.30	8.90	9.00
1927	8.00	7.60	7.50	8.50	9.00	8.50	8.70	8.40	8.80	9.00	9.30	9.20
1928	8.50	8.10	9.00	10.00	11.00	10.60	9.70	9.30	10.60	10.80	11.00	11.00
1929	11.00	12.00	13.00	12.20	12.70	12.70	11.70	11.70	11.00	10.90	10.90	10.60
1930	10.80	10.00	9.60	8.90	9.30	9.30	8.90	9.90	10.20	8.90	9.00	8.60
1931	9.00	8.00	7.60	7.90	8.10	7.30	7.10	7.80	7.60	7.50	7.80	8.40
1932	8.30	8.80	8.60	8.70	8.40	7.40	7.10	6.90	6.50	6.40	6.10	5.90
1933	5.80	5.80	5.70	5.80	6.40	5.90	6.40	6.20	6.00	6.00	5.90	5.90
1934	5.80	5.80	5.25	5.90	---	---	---	---	---	---	---	---

APPLES
(Dollars per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	1.17	1.14	---	1.27	1.25	1.13	1.61	1.17	1.25	1.00	1.10	1.20
1911	1.35	1.54	1.50	2.47	2.09	2.50	1.25	1.03	.77	.96	1.17	1.27
1912	1.00	1.15	1.17	1.60	1.80	2.00	1.96	.85	.88	.97	.83	.78
1913	.90	.75	.90	.65	1.25	2.07	1.40	.82	.85	1.00	1.05	1.10
1914	1.00	1.20	1.20	1.30	1.50	1.50	---	.80	.75	.60	.75	.65
1915	.65	.70	.80	1.05	1.05	---	1.30	1.00	1.00	.85	.95	.95
1916	.90	1.00	.95	1.00	1.05	1.40	2.00	1.20	.95	.85	1.00	1.25
1917	1.20	1.30	1.40	1.60	2.50	3.20	---	1.20	1.20	.90	1.10	1.35
1918	1.25	1.30	1.15	1.40	2.60	---	1.80	1.70	1.50	1.50	1.70	2.00
1919	2.25	2.10	2.50	2.10	2.70	2.60	2.30	1.50	1.70	1.60	2.00	2.10
1920	2.20	2.10	2.30	2.25	3.60	2.40	2.70	2.00	1.50	1.60	1.70	1.92
1921	.65	1.00	.98	1.40	1.60	1.25	1.00	1.50	1.70	1.70	1.60	1.40
1922	1.50	1.50	1.80	1.80	1.60	2.20	1.90	.75	.65	.75	.70	.50
1923	1.00	1.10	1.18	1.30	2.38	3.20	1.90	1.76	1.26	1.24	1.23	1.20
1924	1.25	1.00	1.00	1.10	---	1.00	2.00	.94	1.00	1.09	1.26	1.17
1925	1.41	1.43	1.62	1.71	---	2.50	1.61	1.19	1.24	1.22	1.39	1.32
1926	1.64	1.27	1.14	1.58	---	1.60	1.80	1.10	.80	.75	.65	.90
1927	.90	.95	.90	1.00	1.05	1.50	1.60	1.25	1.10	1.15	1.20	1.50
1928	1.30	1.35	1.30	1.35	1.55	1.55	1.45	1.25	.95	.90	.85	.75
1929	.80	.90	.95	.90	.95	1.20	1.70	1.30	1.15	1.10	1.05	1.10
1930	1.10	1.20	1.10	1.20	1.20	1.45	1.70	1.45	1.00	.80	.85	.95
1931	1.05	.85	.95	1.00	1.00	1.05	1.25	1.00	.70	.55	.55	.70
1932	.70	.65	.60	.60	.60	.60	.60	.45	.45	.40	.45	.40
1933	.40	.30	.34	.37	.38	.40	.50	.55	.65	.55	.55	.60
1934	.75	.75	1.00	.85	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

HOGS
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	7.60	7.50	9.00	8.80	8.20	9.00	8.50	7.80	8.50	8.20	8.00	7.70
1911	7.60	7.60	7.20	6.30	6.20	5.60	5.70	6.90	7.00	6.20	6.00	6.10
1912	6.00	5.90	6.00	6.90	7.00	6.90	6.80	7.20	7.40	7.60	7.60	7.50
1913	7.20	7.10	7.50	7.90	7.80	7.70	7.80	7.80	7.60	7.70	7.70	7.40
1914	7.30	7.70	7.60	7.70	7.70	7.70	7.70	8.10	8.30	7.70	7.50	6.80
1915	6.90	6.40	6.50	6.60	6.80	6.90	7.00	7.20	6.80	7.10	6.50	6.10
1916	6.00	6.60	7.70	7.80	8.20	8.10	8.30	8.50	9.00	8.30	8.60	8.70
1917	9.10	10.10	12.20	14.00	14.20	14.30	13.50	14.90	16.20	17.30	15.50	15.70
1918	15.20	14.80	15.70	15.60	15.80	15.40	15.50	17.00	17.30	16.20	15.50	15.60
1919	15.30	15.00	15.20	17.20	17.90	17.90	19.20	19.40	16.50	14.50	12.80	12.70
1920	12.70	13.20	13.30	13.00	12.90	12.50	13.00	12.90	13.70	13.70	11.50	8.40
1921	7.30	7.80	8.60	7.80	7.10	6.60	8.00	8.60	7.10	6.80	6.80	5.80
1922	6.00	7.50	9.00	8.90	8.80	9.00	8.90	8.70	8.50	8.20	7.50	7.00
1923	7.30	7.20	7.10	7.10	6.50	6.00	6.30	6.50	7.70	7.00	6.50	6.10
1924	6.30	6.00	6.10	6.30	6.10	6.00	6.00	8.30	8.00	8.70	8.20	7.80
1925	8.80	9.30	12.20	11.50	10.00	10.40	12.20	12.10	11.70	11.20	10.60	10.30
1926	10.60	11.60	11.60	11.30	11.70	12.60	13.10	11.90	12.00	12.30	11.70	10.70
1927	10.60	10.80	10.60	10.40	9.30	8.50	8.60	9.60	10.20	10.50	9.10	8.50
1928	7.70	7.50	7.50	7.50	8.40	8.60	9.60	9.90	11.00	9.60	8.70	7.80
1929	8.00	8.70	9.70	10.00	9.70	9.70	10.30	10.50	9.80	9.40	8.80	8.40
1930	8.70	9.00	9.30	8.90	8.80	8.90	8.20	8.50	9.40	8.80	8.30	7.40
1931	7.20	6.70	6.80	6.00	6.20	5.60	6.00	6.20	5.40	4.40	4.30	3.50
1932	3.40	3.20	3.70	3.40	2.60	2.60	4.10	3.80	3.60	3.05	2.80	2.45
1933	2.40	2.65	2.95	3.05	3.60	3.80	3.80	3.70	3.60	4.10	3.80	2.70
1934	2.85	3.70	3.70	3.45	---	---	---	---	---	---	---	---

BEEF CATTLE
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	5.70	6.00	4.80	6.00	5.80	6.20	5.50	4.60	4.50	4.90	4.50	4.20
1911	5.00	5.00	5.00	5.00	4.90	5.00	4.80	4.40	4.70	4.00	4.60	4.60
1912	4.80	4.90	5.20	5.70	6.00	5.90	5.70	5.40	5.60	5.80	5.50	6.10
1913	6.00	6.10	6.30	6.50	6.90	6.70	6.70	6.50	6.30	6.30	6.70	6.60
1914	6.50	6.90	6.70	6.90	6.90	7.00	7.00	6.50	6.70	6.00	6.30	6.50
1915	6.60	6.70	6.60	6.50	7.00	7.00	6.60	6.60	6.20	6.20	6.30	6.00
1916	6.30	6.50	6.70	7.00	7.10	7.40	7.50	7.30	6.70	6.60	6.60	7.10
1917	7.80	7.80	8.40	9.30	9.30	10.20	10.00	8.50	8.70	9.00	8.80	8.80
1918	8.60	9.50	9.90	11.00	12.40	11.80	11.00	10.90	9.00	9.20	9.90	9.90
1919	11.00	11.10	11.20	12.20	12.00	11.80	10.50	10.50	9.20	9.20	9.00	8.70
1920	9.00	8.90	9.20	9.20	9.40	10.00	9.50	8.80	8.70	6.70	7.20	6.20
1921	6.30	5.60	6.90	6.40	6.10	5.80	5.80	5.40	4.60	4.50	4.60	4.60
1922	4.90	5.50	5.80	6.00	6.20	6.40	6.30	5.80	5.70	5.60	5.50	5.70
1923	5.80	5.70	6.20	6.30	6.50	6.50	6.40	5.70	6.00	5.30	5.30	5.20
1924	6.00	5.60	6.00	6.40	6.50	6.40	6.20	5.60	5.70	5.30	5.00	5.50
1925	5.60	5.60	6.80	7.80	6.90	7.10	6.80	7.10	6.30	6.30	6.40	6.20
1926	6.50	7.10	7.30	7.70	7.00	7.40	7.10	7.10	6.80	6.50	6.60	6.50
1927	6.60	6.80	7.20	8.00	7.90	8.00	8.20	7.70	7.30	8.10	8.00	8.90
1928	9.00	9.40	8.80	9.10	10.10	9.80	9.50	10.10	10.40	10.10	9.80	9.10
1929	9.40	9.30	10.10	10.40	10.30	10.20	10.90	11.20	9.70	9.30	9.20	9.20
1930	9.30	9.10	9.20	9.20	9.10	9.00	7.90	7.00	7.10	7.20	7.10	7.30
1931	7.20	6.50	6.50	6.50	5.90	5.30	5.60	5.70	5.50	5.00	4.90	4.00
1932	3.90	3.60	4.10	4.10	3.90	4.20	4.90	4.50	4.30	3.80	3.65	3.40
1933	3.30	3.30	3.45	3.65	4.15	4.25	4.30	3.90	3.80	3.55	3.45	3.05
1934	3.50	3.65	3.80	4.10	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

VEAL CALVES
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	9.30	7.60	6.00	10.10	11.00	9.50	8.50	7.60	7.30	6.70	5.90	7.00
1911	7.00	6.50	7.30	7.30	6.60	6.70	7.30	7.20	7.00	6.10	6.20	6.30
1912	6.30	6.70	6.70	7.20	7.30	7.70	7.40	7.70	7.20	7.20	7.00	7.70
1913	7.90	8.00	8.30	8.80	9.00	8.60	9.30	9.50	8.20	8.30	8.70	8.20
1914	8.40	9.00	8.60	8.70	9.00	9.30	9.40	8.20	8.60	7.50	8.00	8.30
1915	8.50	8.70	8.90	9.00	9.50	9.00	8.40	8.50	8.30	9.00	8.10	8.40
1916	8.00	8.70	8.90	9.80	9.60	9.70	10.10	10.00	9.30	9.20	8.60	9.00
1917	9.30	9.80	10.30	11.00	12.50	11.90	13.40	11.50	11.70	11.10	10.20	11.00
1918	11.30	11.80	12.60	12.70	13.40	12.70	12.80	12.50	11.80	10.50	10.50	11.80
1919	12.10	12.60	13.30	12.70	12.60	12.90	12.50	11.80	11.40	11.60	11.60	11.00
1920	12.00	12.10	12.80	12.50	12.90	11.90	12.80	11.00	11.10	9.90	9.50	7.90
1921	8.00	8.00	8.80	8.90	8.20	8.10	7.60	7.00	7.00	6.80	6.50	6.50
1922	7.10	7.50	7.20	7.50	7.70	7.70	7.30	6.80	6.60	6.60	6.30	6.40
1923	6.90	8.00	8.20	8.50	8.40	8.50	8.10	7.40	8.00	7.30	6.80	7.10
1924	7.90	7.80	8.20	8.50	8.30	8.30	8.40	7.80	7.80	7.30	7.00	7.30
1925	7.90	7.90	8.80	8.70	9.00	8.60	8.20	8.50	7.90	8.60	8.60	7.80
1926	8.60	9.90	10.00	10.10	10.00	10.50	10.20	9.10	9.80	9.50	9.10	9.40
1927	9.50	10.00	9.80	10.50	10.40	10.30	10.70	10.50	10.60	10.50	10.80	11.30
1928	10.70	11.50	11.50	11.80	11.30	12.70	12.90	12.90	13.00	12.70	11.80	11.40
1929	12.10	12.10	12.70	13.50	13.80	13.20	13.30	13.60	13.00	12.40	12.00	12.30
1930	12.20	11.90	11.70	11.60	11.40	11.70	10.80	9.70	9.80	10.30	10.20	9.90
1931	9.70	8.90	9.10	8.70	8.10	8.00	7.50	7.50	7.20	6.50	6.50	6.00
1932	6.00	5.80	6.30	6.20	5.40	5.50	5.50	5.30	5.30	4.80	4.60	4.35
1933	4.45	4.70	4.70	4.80	5.00	5.00	5.20	4.80	4.95	4.70	4.70	4.20
1934	4.80	5.00	5.10	5.50	---	---	---	---	---	---	---	---

SHEEP
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	6.20	6.50	3.50	8.20	5.20	6.00	5.20	5.00	5.00	4.20	4.60	4.80
1911	4.60	4.70	4.20	4.40	4.90	4.00	4.10	4.70	4.10	3.80	3.30	4.00
1912	4.00	4.00	4.50	5.20	5.50	5.10	5.00	4.30	4.40	4.30	4.10	4.80
1913	5.00	4.90	5.40	6.00	5.20	5.10	5.00	4.70	4.10	4.00	4.50	4.70
1914	5.30	4.60	5.10	5.50	6.00	4.50	5.00	5.50	4.50	4.40	5.00	5.20
1915	4.80	5.30	5.90	6.30	6.40	6.10	6.60	5.90	5.00	5.00	5.60	5.70
1916	5.60	6.20	7.00	7.80	7.80	7.80	7.70	6.90	6.60	6.90	6.90	8.20
1917	8.40	9.30	9.80	10.90	11.40	12.20	10.80	11.30	11.30	11.40	10.30	11.40
1918	11.90	12.00	12.60	13.90	14.40	12.60	12.40	13.20	13.90	11.00	9.60	10.50
1919	10.20	10.30	10.50	11.90	11.70	12.50	10.30	10.80	10.90	9.20	9.40	9.60
1920	10.00	11.60	11.70	11.20	11.60	10.00	10.00	6.80	7.00	7.10	7.30	5.90
1921	4.50	5.00	6.40	5.60	5.60	5.10	5.00	4.50	4.40	4.50	4.50	4.70
1922	6.70	7.50	7.40	7.40	7.20	6.20	7.20	6.70	6.40	6.20	6.20	7.00
1923	7.20	8.10	7.80	8.20	7.70	8.00	7.00	6.40	7.30	7.30	6.70	6.90
1924	7.50	7.60	8.00	8.30	8.50	8.60	7.60	6.60	6.80	---	6.80	8.00
1925	8.40	9.00	8.60	10.00	9.00	8.60	8.20	8.00	8.50	7.60	7.70	7.70
1926	9.30	9.20	8.80	8.50	8.40	8.90	6.90	6.50	7.60	6.10	6.80	8.00
1927	7.00	7.00	8.00	8.70	8.10	8.00	6.70	6.70	6.70	6.00	7.30	7.50
1928	7.40	7.20	8.40	7.90	8.80	7.60	7.60	7.60	7.70	7.00	7.30	7.10
1929	7.40	7.90	8.40	9.10	8.70	8.20	7.20	6.40	5.70	5.80	6.10	6.20
1930	6.40	6.40	5.60	5.70	5.80	5.40	4.50	4.40	4.30	3.40	3.20	3.60
1931	3.80	4.20	4.50	4.30	3.80	3.60	2.60	3.00	2.60	2.50	2.20	2.00
1932	2.10	2.20	2.40	2.60	1.80	1.70	1.90	1.80	1.90	1.55	1.45	1.55
1933	1.80	1.85	1.85	1.85	2.25	2.15	2.25	2.10	1.95	2.10	2.50	2.35
1934	2.75	3.90	3.85	3.85	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

LAMBS
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	7.00	7.50	4.30	---	5.90	7.40	6.70	5.80	6.00	6.30	5.30	5.60
1911	6.50	5.80	4.80	5.60	6.20	5.10	5.30	6.50	5.40	4.50	4.60	5.10
1912	5.00	5.30	6.10	6.60	7.50	6.80	7.00	6.00	5.80	5.60	5.80	6.20
1913	6.70	6.60	7.00	7.30	6.60	6.00	6.50	6.30	5.60	5.50	5.70	5.70
1914	6.70	6.50	6.80	7.30	7.00	7.20	7.40	7.20	6.00	6.00	6.10	7.40
1915	7.20	7.20	7.60	8.10	8.40	8.00	7.90	7.20	7.00	7.00	7.30	7.70
1916	7.70	8.50	9.50	8.70	10.00	10.00	9.80	9.30	8.50	9.00	9.00	10.00
1917	11.40	12.00	12.20	12.90	14.20	15.30	13.70	13.50	14.60	16.30	15.50	15.70
1918	15.80	16.00	14.80	17.80	17.10	15.70	15.70	15.50	16.60	14.30	13.00	13.60
1919	14.20	14.30	14.50	15.70	14.60	15.20	13.80	15.50	14.60	12.30	12.80	13.20
1920	14.80	16.70	16.40	15.70	16.20	16.10	13.40	11.10	11.30	11.10	11.10	8.20
1921	8.40	7.30	8.00	7.30	7.90	8.00	8.10	7.00	5.50	6.00	5.80	6.00
1922	8.00	10.40	12.40	12.40	12.00	10.70	11.10	10.50	10.30	10.80	11.00	11.00
1923	11.20	11.50	12.30	12.00	12.70	12.00	11.20	10.50	11.50	11.80	11.00	11.50
1924	11.40	11.60	12.00	12.50	13.00	12.70	11.50	11.00	11.20	11.40	11.80	12.20
1925	14.00	14.50	14.70	12.60	12.70	12.80	12.50	12.90	13.20	12.90	13.40	13.40
1926	14.30	12.60	12.00	11.30	12.00	12.90	12.60	11.50	12.00	12.00	11.80	11.70
1927	11.20	11.30	12.40	13.00	13.00	13.50	13.00	12.60	11.90	12.00	12.80	11.80
1928	11.80	13.00	13.30	14.10	12.80	15.20	12.50	12.90	12.90	12.40	12.00	12.10
1929	12.90	13.40	14.00	14.60	14.20	13.10	12.80	12.30	11.90	12.00	11.70	11.40
1930	11.70	10.00	9.20	8.70	9.10	9.80	9.00	7.60	7.30	6.50	6.70	6.60
1931	7.10	7.60	7.70	7.80	8.10	7.30	6.20	5.90	5.40	5.00	4.70	3.80
1932	4.30	4.80	5.80	5.50	4.80	4.70	4.90	4.70	4.60	4.20	4.10	4.20
1933	4.70	4.40	4.40	4.45	5.50	5.20	5.20	5.50	5.50	5.40	5.50	5.10
1934	6.40	7.60	7.40	7.90	---	---	---	---	---	---	---	---

MILK COWS
(Dollars per head)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	42.90	39.70	44.70	47.00	42.80	48.00	51.00	45.00	45.00	45.50	46.50	46.00
1911	51.00	49.00	49.10	48.00	50.00	52.00	50.00	48.00	48.30	47.00	49.00	49.70
1912	49.30	51.00	52.90	54.00	55.00	55.20	55.00	57.20	55.80	56.20	57.30	59.20
1913	59.00	58.20	63.50	66.40	67.80	66.90	62.20	67.00	67.00	69.00	66.60	60.70
1914	67.50	68.00	69.00	70.00	68.60	70.00	75.00	70.00	73.00	77.00	76.10	72.90
1915	76.00	76.00	75.40	72.20	72.30	73.00	73.60	72.00	73.50	74.10	78.50	77.10
1916	72.10	72.00	76.00	75.00	75.80	78.00	76.60	82.00	75.20	72.70	75.00	80.00
1917	79.00	80.20	83.40	84.00	88.50	92.00	90.00	88.80	90.20	87.40	90.50	91.50
1918	89.30	92.20	87.90	92.10	96.50	95.50	88.40	94.30	93.00	90.00	97.80	92.00
1919	93.00	91.30	92.00	90.20	96.00	95.00	91.00	96.00	96.40	91.70	86.50	92.80
1920	86.10	92.60	96.50	97.00	97.20	92.80	92.60	100.70	87.00	85.00	82.00	65.50
1921	69.00	64.00	69.00	68.00	63.00	62.50	63.00	63.00	60.00	62.00	60.00	58.00
1922	60.00	60.00	63.50	65.00	68.00	68.00	65.00	63.00	59.00	55.00	53.00	56.00
1923	56.00	59.20	56.70	55.50	58.50	60.00	58.00	57.20	60.00	57.50	53.00	53.10
1924	55.00	55.00	57.00	58.00	58.00	57.90	55.00	57.00	56.50	53.00	51.00	48.00
1925	50.00	48.00	54.40	53.50	53.40	52.60	52.50	56.60	51.50	51.60	54.00	52.80
1926	58.20	59.60	61.00	61.00	61.00	61.00	63.00	64.00	58.00	56.00	59.00	63.00
1927	61.00	64.00	68.00	71.00	70.00	69.00	69.00	69.00	69.00	72.00	74.00	72.00
1928	75.00	80.00	82.00	82.00	84.00	86.00	88.00	88.00	93.00	92.00	89.00	84.00
1929	86.00	86.00	87.00	88.00	91.00	92.00	93.00	93.00	92.00	87.00	89.00	84.00
1930	85.00	80.00	74.00	73.00	75.00	76.00	68.00	63.00	64.00	62.00	61.00	59.00
1931	58.00	56.00	56.00	56.00	52.00	50.00	49.00	48.00	45.00	42.00	40.00	38.00
1932	38.00	36.00	36.00	37.00	37.00	37.00	34.00	31.00	31.00	27.00	28.00	27.00
1933	26.00	27.00	27.00	27.00	30.00	32.00	33.00	30.00	30.00	29.00	29.00	26.00
1934	26.00	27.00	28.00	29.00	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

HORSES
(Dollars per head)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	134	125	136	139	112	133	128	128	125	122	125	115
1911	129	120	125	125	122	130	115	121	129	111	115	118
1912	105	110	115	118	119	119	117	118	123	115	124	122
1913	122	118	122	122	119	120	115	112	116	105	101	105
1914	110	108	103	98	102	102	110	105	105	105	103	110
1915	111	120	118	114	116	112	114	103	110	120	125	112
1916	115	114	119	115	118	113	115	118	119	112	120	125
1917	123	121	125	126	125	136	119	126	126	136	126	127
1918	137	135	135	134	129	125	124	126	122	124	123	122
1919	124	124	123	121	128	120	113	120	109	113	105	112
1920	105	125	117	112	112	106	110	119	103	104	95	80
1921	71	77	79	82	82	80	81	79	78	68	63	60
1922	67	72	72	78	78	80	78	74	67	67	53	52
1923	60	64	66	70	70	70	65	67	70	66	60	55
1924	54	55	57	58	60	59	60	60	62	58	60	55
1925	56	63	70	75	64	62	62	69	66	53	61	58
1926	68	67	67	72	71	75	69	71	61	61	59	61
1927	60	63	70	69	72	60	65	68	63	65	60	61
1928	60	61	60	63	51	65	65	62	61	61	61	56
1929	54	55	59	62	57	62	61	63	63	60	56	55
1930	55	54	55	57	53	54	46	48	47	46	44	49
1931	45	48	48	48	50	45	42	40	40	39	37	37
1932	37	37	40	42	42	42	41	39	39	37	37	35
1933	37	40	42	44	48	48	49	50	48	47	49	50
1934	51	52	57	58	--	---	---	---	---	---	---	---

CHICKENS
(Cents per pound)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	13.0	13.3	13.5	13.4	14.1	14.6	15.0	15.0	13.6	13.5	13.2	12.4
1911	12.8	13.2	13.1	12.5	12.4	13.1	13.8	14.0	13.7	13.4	12.3	12.0
1912	12.6	12.8	13.1	13.0	12.8	13.1	13.2	13.2	12.7	12.6	12.6	12.5
1913	13.0	13.1	13.2	13.1	12.4	12.8	13.4	14.1	13.0	12.2	11.9	12.0
1914	11.3	12.7	12.2	12.2	12.6	12.3	15.0	12.5	13.0	12.0	11.4	10.4
1915	12.0	11.9	12.3	12.1	12.6	13.2	10.8	11.7	10.6	11.4	12.2	11.4
1916	11.5	11.6	11.8	11.6	13.0	12.8	12.6	13.3	13.1	12.1	12.0	11.7
1917	12.7	13.2	14.0	15.0	16.3	17.2	14.6	15.5	16.5	17.7	15.5	16.0
1918	16.4	19.5	17.9	19.3	20.0	21.0	21.5	22.0	22.1	21.0	19.2	17.4
1919	17.6	18.0	20.5	22.5	24.0	22.5	23.0	25.0	33.0	22.0	20.0	20.0
1920	20.0	22.0	23.8	24.6	25.4	25.1	26.5	28.0	22.0	22.0	21.0	17.0
1921	19.0	19.0	20.0	20.0	19.0	19.0	21.0	21.0	18.0	17.0	17.0	16.0
1922	17.0	16.0	17.0	18.0	18.0	18.0	17.0	17.0	16.0	16.0	15.0	14.0
1923	15.7	15.0	16.1	16.0	16.0	16.9	19.1	18.0	17.0	17.4	15.5	14.6
1924	15.3	15.2	16.3	17.0	18.0	17.3	19.3	18.6	17.8	15.2	15.4	14.9
1925	16.3	14.8	17.8	16.9	17.9	18.4	19.0	20.1	17.8	16.8	17.6	17.2
1926	18.5	18.1	19.6	21.3	20.3	20.3	21.7	20.7	19.4	18.5	18.4	18.9
1927	18.4	19.2	18.6	20.4	19.7	17.4	19.9	18.5	19.0	18.3	18.4	18.0
1928	17.7	17.5	17.7	18.5	20.2	18.7	20.8	18.9	20.0	19.0	19.3	18.7
1929	18.7	19.3	19.4	19.9	20.6	21.2	21.0	21.0	20.2	18.8	18.4	16.0
1930	17.2	17.2	18.0	18.6	18.0	17.1	14.9	15.2	16.5	15.2	14.0	14.1
1931	13.8	13.2	14.1	14.9	13.8	13.3	14.6	14.0	13.5	12.8	12.9	12.0
1932	12.0	11.1	11.0	12.0	11.0	10.4	10.5	10.5	9.5	9.5	8.5	7.5
1933	7.7	8.1	7.6	8.3	9.3	9.2	9.0	8.2	7.8	8.2	7.5	7.1
1934	7.5	8.2	8.9	9.6	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

BUTTER
(Cents per pound)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	33	33	32	28	28	28	28	30	31	32	32	32
1911	32	28	27	26	24	24	24	25	27	28	30	32
1912	33	32	30	29	28	27	26	27	28	30	32	31
1913	31	30	30	28	27	28	28	28	29	31	32	31
1914	31	30	28	28	26	25	25	26	29	30	31	32
1915	32	30	28	27	26	26	24	26	26	28	29	30
1916	30	28	28	28	28	27	27	28	30	32	34	36
1917	36	34	34	36	38	36	36	38	41	43	44	46
1918	46	45	44	42	40	40	40	42	45	51	56	58
1919	58	50	46	52	51	48	50	52	54	57	62	66
1920	63	56	57	59	56	52	53	54	56	57	58	53
1921	46	42	40	40	34	27	29	34	37	40	42	39
1922	32	28	29	30	30	29	29	30	32	36	42	46
1923	45	44	44	42	41	40	38	38	41	43	45	45
1924	45	44	42	40	36	35	38	36	33	38	36	40
1925	40	35	37	36	37	37	38	40	41	43	49	45
1926	50	41	40	42	40	41	39	39	42	42	43	46
1927	45	44	45	45	43	41	40	40	42	45	44	46
1928	47	45	45	45	43	43	42	43	44	46	46	47
1929	47	46	46	45	45	44	43	44	45	45	42	42
1930	38	37	37	37	39	33	31	37	40	38	37	33
1931	29	28	29	29	26	25	24	27	29	33	29	28
1932	23	22	22	20	19	19	18	20	20	20	21	22
1933	22	18	18	19	21	22	24	21	21	22	22	19
1934	19	23	23	23	--	--	--	--	--	--	--	--

EGGS
(Cents per dozen)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	36	30	24	22	22	24	24	26	28	31	33	35
1911	34	28	22	18	18	18	20	22	24	27	31	36
1912	36	30	26	22	20	20	21	23	25	29	33	34
1913	32	27	22	17	15	17	19	21	22	29	35	37
1914	38	26	20	16	16	17	20	19	24	24	30	33
1915	32	24	18	16	15	17	17	20	21	27	33	36
1916	32	30	16	15	17	20	20	22	27	30	40	45
1917	40	37	25	27	29	31	29	34	40	40	45	50
1918	46	49	30	29	29	30	32	39	41	47	54	62
1919	59	36	35	33	36	35	36	42	45	53	62	72
1920	60	45	38	36	37	35	39	47	50	56	60	72
1921	59	30	25	20	17	19	25	25	25	38	48	52
1922	34	29	19	17	22	19	19	21	25	33	44	48
1923	37	28	20	19	19	19	20	25	31	37	46	48
1924	39	33	18	19	20	21	23	26	32	36	45	51
1925	53	32	23	24	23	25	27	33	33	37	50	48
1926	36	27	21	23	23	23	25	27	30	37	47	50
1927	37	28	20	19	18	18	21	23	28	36	43	43
1928	39	26	22	20	22	22	24	28	30	35	43	48
1929	35	32	28	22	21	22	25	28	31	37	46	49
1930	35	33	20	20	19	18	18	20	25	29	34	32
1931	21	14	15.5	5.6	11.5	12.6	14.5	17.8	18.7	23.0	28.0	31.0
1932	19.0	14.0	9.0	9.0	9.2	9.9	11.3	14.3	15.0	22.0	26.0	28.0
1933	23.0	10.2	8.7	8.3	12.0	9.0	10.5	12.0	14.1	20.4	24.2	24.1
1934	15.0	12.0	11.0	11.4	---	---	---	---	---	---	---	---

ESTIMATED PRICE OF FARM PRODUCTS RECEIVED BY COLORADO PRODUCERS AS OF THE 15TH OF THE MONTH—Continued

ALFALFA
(Dollars per ton)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	---	---	---	---	---	---	---	---	---	---	---	---
1911	---	---	---	---	---	---	---	---	---	---	---	---
1912	---	---	---	---	---	---	---	---	---	---	---	---
1913	---	---	---	---	---	---	---	---	---	---	---	---
1914	---	---	---	---	---	---	---	---	---	6.60	7.70	7.00
1915	8.50	7.80	8.30	8.50	9.00	7.80	7.70	7.40	7.50	7.50	8.70	8.10
1916	9.00	8.80	9.50	9.70	10.50	11.50	10.20	10.50	9.60	9.70	9.85	11.50
1917	12.10	12.60	13.20	14.60	20.10	19.30	13.60	14.80	15.00	15.30	17.40	18.90
1918	18.20	18.20	16.80	15.60	15.50	14.50	14.30	15.26	17.00	17.20	17.20	17.40
1919	17.90	18.20	20.50	21.00	22.70	20.10	18.20	18.00	18.10	18.10	17.50	19.00
1920	19.50	19.90	19.00	20.10	22.60	21.60	18.30	17.20	14.50	14.00	12.50	11.70
1921	8.50	8.00	8.80	8.50	8.75	8.50	6.00	5.50	5.00	5.70	5.00	4.70
1922	4.40	6.50	7.00	7.50	7.50	7.00	7.00	9.00	9.80	9.80	10.40	11.50
1923	12.30	12.20	13.40	13.80	16.00	14.60	12.00	11.00	10.10	10.00	12.40	12.90
1924	11.00	11.50	11.00	11.00	11.30	11.00	10.00	10.30	11.00	11.50	11.70	12.20
1925	12.50	12.80	12.90	11.40	12.60	11.70	12.20	12.60	12.40	12.00	12.60	13.40
1926	13.30	11.80	11.30	12.10	10.80	10.10	9.60	9.80	9.40	9.70	10.00	10.00
1927	9.00	8.30	8.50	9.00	8.70	9.50	8.50	9.00	9.10	9.50	9.60	9.30
1928	9.10	9.00	10.00	10.20	11.90	11.20	10.20	10.40	11.40	12.30	12.30	13.10
1929	13.80	14.30	14.80	14.60	14.50	13.50	12.40	11.70	12.30	12.10	12.10	11.60
1930	11.60	11.30	10.30	9.70	9.90	9.50	9.20	9.00	9.80	10.00	9.20	9.50
1931	9.00	8.20	7.80	8.00	8.20	7.60	6.80	8.10	7.40	7.20	8.00	8.70
1932	8.60	8.60	8.70	9.00	8.50	7.50	6.30	6.50	7.00	6.70	6.70	6.00
1933	6.30	5.70	6.00	6.00	6.60	6.10	6.90	6.40	6.40	6.40	6.00	5.90
1934	5.80	5.80	5.60	5.60	---	---	---	---	---	---	---	---

BEANS, DRY
(Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	---	---	---	---	---	---	---	---	4.32	4.50	4.33	4.70
1911	4.15	5.08	4.93	4.77	4.87	5.07	5.08	5.27	5.42	4.72	5.13	4.75
1912	4.60	4.43	4.42	4.82	4.65	4.25	4.23	3.92	3.83	3.93	3.18	3.00
1913	3.50	3.58	2.88	3.00	2.80	3.33	3.33	2.92	3.17	4.08	4.17	4.00
1914	3.58	3.42	3.50	3.83	3.75	3.75	3.50	4.17	4.90	3.83	3.33	3.33
1915	3.58	4.38	4.43	3.87	4.40	4.83	3.75	3.83	3.33	3.83	3.80	4.12
1916	4.73	4.78	4.27	4.87	5.17	5.17	6.33	5.83	7.00	5.00	5.83	6.83
1917	7.50	7.50	7.92	9.00	13.67	14.33	13.17	10.50	9.67	8.67	8.00	7.33
1918	8.00	8.17	8.33	8.33	8.67	8.67	8.58	7.92	8.00	7.33	7.33	6.67
1919	6.67	5.92	5.33	5.00	5.00	5.33	5.33	5.83	6.17	5.50	5.83	6.00
1920	6.42	6.33	5.83	5.92	6.17	6.17	6.17	6.17	6.00	5.50	5.25	4.73
1921	3.00	3.67	3.75	4.00	3.67	4.33	4.50	4.50	4.50	4.50	4.50	4.58
1922	4.50	4.83	5.50	5.58	5.83	6.00	5.83	5.42	5.33	5.42	7.33	7.83
1923	7.50	8.67	8.33	8.33	8.08	8.25	7.67	7.83	6.57	7.00	6.17	5.17
1924	5.00	4.92	4.92	4.50	4.33	4.50	4.33	4.75	5.00	5.67	5.17	4.83
1925	5.33	5.83	6.00	6.33	6.83	6.05	6.33	6.50	4.75	4.98	4.00	4.67
1926	3.70	3.98	3.80	3.90	4.20	4.50	5.00	4.70	4.30	4.40	4.80	4.90
1927	4.90	4.90	5.00	5.50	5.60	5.80	5.90	6.10	6.15	5.10	4.40	4.55
1928	4.95	5.40	5.60	6.10	6.10	6.30	6.20	5.40	4.75	5.00	5.20	5.70
1929	5.80	5.95	5.90	6.25	6.05	6.20	6.25	6.25	6.25	5.30	4.90	4.60
1930	4.30	4.20	4.30	4.15	4.30	4.30	4.00	4.25	4.40	3.20	2.45	2.15
1931	2.15	2.15	2.10	1.95	1.80	1.65	1.60	1.50	1.50	1.30	1.95	1.50
1932	1.45	1.25	1.20	1.25	1.20	1.20	1.15	1.30	1.70	1.70	1.50	1.50
1933	1.60	1.75	1.95	2.85	3.75	3.85	3.80	4.35	3.30	2.55	3.15	2.60
1934	2.80	2.80	2.80	2.65	---	---	---	---	---	---	---	---

ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	24,000	18.5	444,000	$ .77	$ 341,880	$14.24
1881	25,000	16.0	400,000	1.05	420,000	16.80
1882	26,000	18.5	481,000	.90	432,900	16.65
1883	26,000	19.0	494,000	.85	419,900	16.15
1884	28,000	21.0	588,000	.65	382,200	13.65
1885	32,000	21.0	672,000	.68	456,960	14.28
1886	35,000	20.0	700,000	.50	350,000	10.00
1887	40,000	15.0	600,000	.63	378,000	9.45
1888	45,000	18.0	810,000	.57	461,700	10.26
1889	53,000	19.5	1,034,000	.58	599,720	11.32
1890	58,000	18.0	1,044,000	63	657,720	11.34
1891	63,000	21.5	1,354,000	.53	717,620	11.39
1892	70,000	22.0	1,540,000	.40	616,000	8.80
1893	70,000	16.0	1,120,000	.51	571,200	8.16
1894	72,000	19.5	1,404,000	.61	856,440	11.90
1895	102,000	18.0	1,836,000	.41	752,760	7.38
1896	102,000	16.0	1,632,000	.36	587,520	5.76
1897	100,000	19.0	1,900,000	.38	722,000	7.22
1898	97,000	18.0	1,746,000	.40	698,400	7.20
1899	93,000	15.0	1,395,000	.43	599,850	6.45
1900	94,000	18.5	1,739,000	.48	834,720	8.88
1901	109,000	17.0	1,853,000	.74	1,371,220	12.58
1902	131,000	16.5	2,162,000	.59	1,275,580	9.74
1903	143,000	17.5	2,502,000	.54	1,351,080	9.45
1904	164,000	19.0	3,116,000	.54	1,682,640	10.26
1905	180,000	20.0	3,600,000	.47	1,692,000	9.40
1906	195,000	19.0	3,705,000	.50	1,852,500	9.50
1907	210,000	18.0	3,780,000	.65	2,457,000	11.70
1908	260,000	16.0	4,160,000	.71	2,953,600	11.36
1909	361,000	17.8	6,426,000	.70	4,498,200	12.46
1910	390,000	15.5	6,045,000	.60	3,627,000	9.30
1911	421,000	14.0	5,894,000	.78	4,597,320	10.92
1912	463,000	19.0	8,797,000	.50	4,398,500	9.50
1913	500,000	15.0	7,500,000	.73	5,475,000	10.95
1914	630,000	19.0	11,970,000	.60	7,182,000	11.40
1915	700,000	20.0	14,000,000	.55	7,700,000	11.00
1916	750,000	14.0	10,500,000	.90	9,450,000	12.60
1917	840,000	18.0	15,120,000	1.25	18,900,000	22.50
1918	800,000	18.5	14,800,000	1.35	19,980,000	24.98
1919	898,000	13.5	12,123,000	1.42	17,214,660	19.17
1920	1,056,000	18.5	19,536,000	.70	13,675,200	12.95
1921	1,036,000	12.0	12,432,000	.31	3,853,920	3.72
1922	1,125,000.	14.0	15,750,000	.66	10,395,000	9.24
1923	1,415,000	22.0	31,130,000	.65	20,234,500	14.30
1924	1,450,000	8.5	12,325,000	.88	10,846,000	7.48
1925	1,537,000	13.5	20,750,000	.70	14,525,000	9.45
1926	1,537,000	7.5	11,528,000	.71	8,184,880	5.33
1927	1,414,000	15.5	21,917,000	.68	14,903,560	10.54
1928	1,555,000	14.0	21,770,000	.68	14,803,600	9.52
1929	1,533,000	14.5	22,228,000	.71	15,781,880	10.29
1930	1,732,000	21.5	37,238,000	.48	17,874,240	10.32
1931	1,836,000	9.5	17,442,000	.36	6,279,120	3.42
1932	1,909,000	7.0	13,363,000	.28	3,742,000	1.96
1933	2,004,000	11.0	22,044,000	.37	8,156,280	4.07

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF OATS IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	26,000	27.0	702,000	$ .65	$ 456,300	$17.55
1881	32,000	27.5	880,000	.81	712,800	22.28
1882	38,000	34.0	1,292,000	.65	839,800	22.10
1883	44,000	28.5	1,254,000	.60	752,400	17.10
1884	48,000	32.0	1,536,000	.40	614,400	12.80
1885	58,000	32.0	1,856,000	.46	853,760	14.72
1886	66,000	29.0	1,914,000	.42	803,880	12.18
1887	79,000	27.0	2,133,000	.45	959,850	12.15
1888	80,000	24.0	1,920,000	.42	806,400	10.08
1889	88,000	28.6	2,517,000	.40	1,006,800	11.44
1890	91,000	20.0	1,820,000	.50	910,000	10.00
1891	101,000	28.0	2,828,000	.38	1,074,640	10.64
1892	117,000	26.5	3,100,000	.34	1,054,000	9.01
1893	126,000	24.5	3,087,000	.37	1,142,190	9.06
1894	114,000	27.0	3,078,000	.46	1,415,880	12.42
1895	123,000	34.0	4,182,000	.28	1,170,960	9.52
1896	117,000	22.0	2,574,000	.30	772,200	6.60
1897	112,000	34.0	3,808,000	.32	1,218,560	10.88
1898	111,000	34.0	3,774,000	.41	1,547,340	13.94
1899	121,000	29.0	3,509,000	.42	1,473,780	12.18
1900	133,000	29.5	3,924,000	.43	1,687,320	12.69
1901	135,000	32.0	4,320,000	.50	2,160,000	16.00
1902	137,000	24.5	3,356,000	.51	1,711,560	12.49
1903	138,000	32.0	4,416,000	.41	1,810,560	13.12
1904	137,000	35.5	4,864,000	.46	2,237,440	16.33
1905	138,000	35.0	4,830,000	.41	1,980,300	14.35
1906	148,000	38.0	5,624,000	.45	2,530,800	17.10
1907	156,000	35.0	5,460,000	.50	2,730,000	17.50
1908	180,000	31.5	5,670,000	.54	3,061,800	17.01
1909	200,000	38.0	7,600,000	.53	4,028,000	20.14
1910	205,000	32.0	6,560,000	.46	3,017,600	14.72
1911	205,000	28.0	5,740,000	.48	2,755,200	13.44
1912	205,000	38.0	7,790,000	.38	2,960,200	14.44
1913	215,000	30.0	6,450,000	.44	2,838,000	13.20
1914	225,000	35.0	7,875,000	.45	3,543,750	15.75
1915	225,000	33.0	7,425,000	.41	3,044,250	13.53
1916	225,000	28.5	6,412,000	.60	3,847,200	17.10
1917	230,000	32.0	7,360,000	.76	5,593,600	24.32
1918	185,000	30.0	5,550,000	.80	4,440,000	24.00
1919	174,000	26.0	4,524,000	.90	4,071,600	23.40
1920	204,000	31.5	6,426,000	.60	3,855,600	18.90
1921	217,000	29.5	6,402,000	.33	2,112,660	9.74
1922	185,000	25.0	4,625,000	.45	2,081,250	11.25
1923	213,000	30.5	6,496,000	.46	2,988,160	14.03
1924	232,000	26.0	6,032,000	.58	3,498,560	15.08
1925	214,000	25.5	5,457,000	.50	2,728,500	12.75
1926	195,000	26.0	5,070,000	.44	2,230,800	11.44
1927	189,000	29.0	5,481,000	.48	2,630,880	13.92
1928	183,000	30.0	5,490,000	.45	2,470,500	13.50
1929	203,000	29.0	5,887,000	.47	2,766,890	13.63
1930	195,000	31.0	6,045,000	.35	2,115,750	10.85
1931	142,000	24.0	3,408,000	.27	920,160	6.48
1932	141,000	24.0	3,384,000	.22	744,000	5.28
1933	162,000	25.5	4,131,000	.28	1,157,000	7.14

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	4,000	27.5	110,000	$ .90	$ 99,000	$24.75
1881	5,000	27.0	135,000	1.15	155,250	31.05
1882	5,000	27.5	138,000	.92	126,960	25.39
1883	6,000	27.0	162,000	.75	121,500	20.25
1884	7,000	27.5	192,000	.57	109,440	15.63
1885	8,000	27.5	220,000	.60	132,000	16.50
1886	12,000	27.0	324,000	.62	200,880	16.74
1887	11,000	27.0	297,000	.62	184,140	16.74
1888	12,000	26.0	312,000	.70	218,400	18.20
1889	12,000	27.4	329,000	.63	207,270	17.27
1890	13,000	24.0	312,000	.76	237,120	18.24
1891	14,000	28.0	392,000	.56	219,520	15.68
1892	16,000	27.0	432,000	.54	233,280	14.58
1893	18,000	25.5	459,000	.50	229,500	12.75
1894	18,000	26.0	468,000	.58	271,440	15.08
1895	20,000	28.0	560,000	.60	336,000	16.80
1896	19,000	21.5	408,000	.46	187,680	9.88
1897	20,000	28.5	570,000	.51	290,700	14.54
1898	20,000	26.5	530,000	.46	243,800	12.19
1899	22,000	24.2	532,000	.55	292,600	13.30
1900	25,000	23.0	575,000	.50	287,500	11.50
1901	26,000	26.5	689,000	.63	434,070	16.70
1902	30,000	20.0	600,000	.60	360,000	12.00
1903	31,000	27.5	852,000	.61	519,720	16.77
1904	37,000	28.5	1,054,000	.57	600,780	16.24
1905	43,000	28.5	1,226,000	.53	649,780	15.11
1906	49,000	28.0	1,372,000	.54	740,880	15.12
1907	61,000	26.0	1,586,000	.60	951,600	15.60
1908	62,000	23.0	1,426,000	.65	926,900	14.95
1909	71,000	26.5	1,882,000	.66	1,242,120	17.49
1910	76,000	20.5	1,558,000	.60	934,800	12.30
1911	74,000	19.5	1,443,000	.69	995,670	13.46
1912	76,000	27.5	2,090,000	.50	1,045,000	13.75
1913	118,000	21.0	2,478,000	.56	1,387,680	11.76
1914	112,000	26.5	2,968,000	.55	1,632,400	14.58
1915	120,000	26.0	3,120,000	.48	1,497,600	12.48
1916	160,000	20.5	3,280,000	.82	2,689,600	16.81
1917	168,000	24.0	4,032,000	1.04	4,193,280	24.96
1918	206,000	21.0	4,326,000	1.13	4,888,380	23.73
1919	153,000	18.5	2,830,000	1.20	3,396,000	22.20
1920	216,000	22.5	4,860,000	.75	3,645,000	16.88
1921	202,000	21.5	4,343,000	.37	1,606,910	7.96
1922	186,000	20.5	3,813,000	.59	2,249,670	12.10
1923	223,000	22.0	4,906,000	.54	2,649,240	11.88
1924	312,000	16.0	4,992,000	.72	3,594,240	11.52
1925	376,000	15.0	5,640,000	.58	3,271,200	8.70
1926	350,000	15.5	5,425,000	.55	2,983,750	8.52
1927	385,000	20.0	7,700,000	.56	4,312,000	11.20
1928	512,000	23.0	11,776,000	.54	6,359,040	12.42
1929	608,000	18.0	10,944,000	.55	6,019,200	9.90
1930	590,000	20.5	12,095,000	.40	4,838,000	8.20
1931	472,000	15.5	7,316,000	.27	1,975,320	4.18
1932	439,000	15.5	6,804,000	.20	1,361,000	3.10
1933	430,000	16.0	6,880,000	.29	1,995,200	4.64

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	68,000	17.5	1,190,000	$ .95	$ 1,130,500	$16.62
1881	80,000	20.0	1,600,000	1.33	2,128,000	26.60
1882	91,000	19.0	1,729,000	.94	1,625,260	17.86
1883	108,000	21.0	2,268,000	.95	2,154,600	19.95
1884	110,000	21.5	2,365,000	.56	1,324,400	12.04
1885	112,000	20.0	2,240,000	.82	1,836,800	16.40
1886	112,000	20.0	2,240,000	.72	1,612,800	14.40
1887	109,000	21.0	2,289,000	.75	1,716,750	15.75
1888	121,000	17.5	2,118,000	.90	1,906,200	15.75
1889	127,000	22.4	2,845,000	.72	2,048,400	16.13
1890	143,000	18.5	2,646,000	.81	2,143,260	14.99
1891	153,000	23.0	3,519,000	.73	2,568,870	16.79
1892	175,000	19.0	3,325,000	.58	1,928,500	11.02
1893	151,000	14.0	2,114,000	.52	1,099,280	7.28
1894	130,000	18.0	2,340,000	.65	1,521,000	11.70
1895	133,000	23.5	3,126,000	.56	1,750,560	13.16
1896	185,000	13.5	2,498,000	.61	1,523,780	8.24
1897	210,000	24.0	5,040,000	.70	3,528,000	16.80
1898	240,000	22.0	5,280,000	.56	2,956,800	12.32
1899	295,000	18.9	5,576,000	.57	3,178,320	10.77
1900	310,000	18.0	5,580,000	.59	3,292,200	10.62
1901	310,000	21.0	6,510,000	.67	4,361,700	14.07
1902	294,000	12.5	3,675,000	.75	2,756,250	9.38
1903	295,000	20.0	5,900,000	.66	3,894,000	13.20
1904	290,000	18.0	5,220,000	.91	4,750,200	16.38
1905	300,000	21.0	6,300,000	.70	4,410,000	14.70
1906	310,000	25.0	7,750,000	.65	5,037,500	16.25
1907	325,000	21.0	6,825,000	.78	5,323,500	16.38
1908	335,000	17.0	5,695,000	.88	5,011,600	14.96
1909	341,000	22.5	7,687,000	.93	7,148,910	20.96
1910	400,000	15.5	6,188,000	.82	5,074,160	12.69
1911	470,000	13.0	6,120,000	.84	5,140,800	10.94
1912	485,000	22.3	10,810,000	.73	7,891,300	16.27
1913	465,000	18.0	8,363,000	.78	6,523,140	14.03
1914	525,000	21.5	11,287,000	.87	9,819,690	18.70
1915	680,000	22.6	15,380,000	.80	12,304,000	18.09
1916	745,000	17.7	13,152,000	1.50	19,728,000	26.48
1917	770,000	20.4	15,670,000	1.93	30,243,100	39.28
1918	1,225,000	17.2	21,025,000	1.95	40,998,750	33.47
1919	1,329,000	13.8	18,300,000	2.02	36,966,000	27.81
1920	1,410,000	15.6	21,967,000	1.35	29,655,450	21.03
1921	1,751,000	14.5	25,374,000	.76	19,284,240	11.01
1922	1,878,000	12.0	22,587,000	.89	20,102,430	10.70
1923	1,538,000	11.8	18,118,000	.83	15,037,940	9,78
1924	1,360,000	13.0	17,624,000	1.18	20,796,320	15.29
1925	1,487,000	11.5	17,122,000	1.36	23,285,920	15.66
1926	1,685,000	12.4	20,890,000	1.07	22,352,300	13.27
1927	1,668,000	13.4	22,299,000	1.03	22,967,970	13.77
1928	1,481,000	14.0	20,797,000	.85	17,677,450	11.94
1929	1,539,000	11.7	17,934,000	.96	17,216,640	11.19
1930	1,659,000	13.9	23,058,000	.62	14,295,960	8.62
1931	1,386,000	12.0	16,632,000	.33	5,488,560	3.96
1932	680,000	9.9	6,699,000	.37	2,499,000	3.68
1933	548,000	10.8	5,912,000	.63	3,714,000	6.78

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	1,000	12.5	12,000	$ .67	$ 8,040	$ 8.04
1881	1,000	16.5	16,000	.97	15,520	15.52
1882	2,000	14.0	28,000	.90	25,200	12.60
1883	2,000	13.0	26,000	.80	20,800	10.40
1884	2,000	13.0	26,000	.60	15,600	7.80
1885	2,000	7.5	15,000	.68	10,200	5.10
1886	2,000	11.5	23,000	.72	16,560	8.23
1887	2,000	7.5	15,000	.78	11,700	5.85
1888	2,000	6.5	13,000	.66	8,580	4.29
1889	5,000	11.7	58,000	.57	33,060	6.61
1890	5,000	8.0	40,000	.65	26,000	5.20
1891	6,000	12.5	75,000	.62	46,500	7.75
1892	8,000	13.0	104,000	.52	54,080	6.76
1893	6,000	5.0	30,000	.50	15,000	2.50
1894	4,000	10.5	42,000	.66	27,720	6.93
1895	3,000	15.0	45,000	.48	21,600	7.20
1896	3,000	10.0	30,000	.62	18,600	6.20
1897	3,060	12.5	38,000	.52	19,760	6.59
1898	3,000	15.5	46,000	.50	23,000	7.67
1899	2,000	12.2	24,000	.48	11,520	5.76
1900	3,000	14.5	44,000	.54	23,760	7.92
1901	3,000	13.5	40,000	.62	24,800	8.27
1902	4,000	12.0	48,000	.56	26,880	6.72
1903	6,000	15.0	90,000	.61	54,900	9.15
1904	7,000	15.0	105,000	.65	68,250	9.75
1905	8,000	13.0	104,000	.56	58,240	7.28
1906	10,000	13.0	130,000	.56	72,800	7.28
1907	12,000	13.0	156,000	.62	96,720	8.06
1908	15,000	9.0	135,000	.70	94,500	6.30
1909	16,000	12.6	202,000	.73	147,460	9.22
1910	20,000	9.5	190,000	.67	127,300	6.36
1911	21,000	7.5	158,000	.70	110,600	5.27
1912	25,000	12.0	300,000	.55	165,000	6.60
1913	33,000	10.5	346,000	.60	207,600	6.29
1914	71,000	12.0	852,000	.65	553,800	7.80
1915	90,000	11.0	990,000	.70	693,000	7.70
1916	87,000	7.0	609,000	1.05	639,450	7.35
1917	124,000	10.0	1,240,000	1.46	1,810,400	14.30
1918	166,000	8.0	1,328,000	1.40	1,859,200	11.20
1919	133,000	8.2	1,091,000	1.30	1,418,300	10.66
1920	106,000	11.0	1,166,000	1.05	1,224,300	11.55
1921	107,000	11.5	1,230,000	.60	738,000	6.90
1922	128,000	7.5	960,000	.66	633,600	4.95
1923	84,000	11.0	924,000	.56	517,440	6.16
1924	80,000	8.0	640,000	.85	544,000	6.80
1925	92,000	8.0	736,000	.67	493,120	5.36
1926	87,000	9.0	783,000	.71	555,930	6.39
1927	70,000	9.5	665,000	.70	465,500	6.65
1928	60,000	9.2	552,000	.70	386,400	6.44
1929	64,000	8.0	512,000	.73	373,760	5.84
1930	74,000	8.5	629,000	.40	251,600	3.40
1931	53,000	7.0	371,000	.23	85,330	1.61
1932	25,000	6.0	150,000	.23	34,000	1.36
1933	18,000	6.5	117,000	.48	56,000	3.11

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Bushels	Production, Bushels	Price Per Bushel	Value	Value Per Acre
1880	6,000	60	360,000	$1.10	$ 396,000	$66.00
1881	8,000	63	504,000	1.30	655,200	81.90
1882	10,000	75	750,000	.72	540,000	54.00
1883	12,000	75	900,000	.65	585,000	48.75
1884	15,000	80	1,200,000	.60	720,000	48.00
1885	18,000	65	1,170,000	.61	713,700	39.65
1886	20,000	80	1,600,000	.57	912,000	45.60
1887	25,000	85	2,125,000	.56	1,190,000	47.60
1888	29,000	73	2,117,000	.45	952,650	32.85
1889	32,000	55	1,760,000	.50	880,000	27.50
1890	34,000	86	2,924,000	.75	2,193,000	64.50
1891	36,000	93	3,348,000	.28	937,440	26.04
1892	34,000	84	2,856,000	.61	1,742,160	51.24
1893	37,000	90	3,330,000	.54	1,798,200	48.60
1894	39,000	101	3,939,000	.55	2,166,450	55.55
1895	42,000	103	4,326,000	.33	1,427,580	33.99
1896	40,000	78	3,120,000	.47	1,466,400	36.66
1897	41,000	97	3,977,000	.56	2,227,120	54.32
1898	44,000	99	4,356,000	.54	2,352,240	53.46
1899	44,000	101	4,444,000	.55	2,444,200	55.55
1900	46,000	66	3,036,000	.82	2,489,520	54.12
1901	43,000	102	4,386,000	.90	3,947,400	91.80
1902	47,000	88	4,136,000	.51	2,109,360	44.88
1903	51,000	121	6,171,000	.60	3,702,600	72.60
1904	55,000	134	7,370,000	.37	2,726,900	49.58
1905	56,000	111	6,216,000	.57	3,543,120	63.27
1906	55,000	102	5,610,000	.45	2,524,500	45.90
1907	57,000	120	6,840,000	.66	4,514,400	79.20
1908	68,000	120	8,160,000	.60	4,896,000	72.00
1909	86,000	137	11,782,000	.57	6,715,740	78.09
1910	90,000	104	9,360,000	.55	5,148,000	57.20
1911	84,000	64	5,376,000	.99	5,322,240	63.36
1912	80,000	130	10,400,000	.41	4,264,000	53.30
1913	76,000	91	6,916,000	.65	4,495,400	59.15
1914	72,000	139	10,008,000	.50	5,004,000	69.50
1915	68,000	151	10,268,000	.55	5,647,400	83.05
1916	68,000	142	9,656,000	1.35	13,035,600	191.70
1917	88,000	160	14,080,000	.91	12,812,800	145.60
1918	82,000	154	12,628,000	.99	12,501,720	152.46
1919	78,000	115	8,970,000	1.70	15,249,000	195.50
1920	73,000	135	9,855,000	.80	7,884,000	108.00
1921	113,000	132	14,916,000	.73	10,888,680	96.36
1922	136,000	140	19,040,000	.37	7,044,800	51.80
1923	96,000	123	11,808,000	.53	6,258,240	65.19
1924	72,000	145	10,440,000	.60	6,264,000	87.00
1925	62,000	195	12,090,000	1.55	18,739,500	302.25
1926	76,000	145	11,020,000	1.30	14,326,000	188.50
1927	99,000	165	16,335,000	.55	8,984,250	90.75
1928	114,000	155	17,670,000	.45	7,951,500	69.75
1929	90,000	163	14,670,000	1.14	16,723,800	185.82
1930	92,000	190	17,480,000	.69	12,061,200	131.10
1931	101,000	95	9,595,000	.33	3,166,350	31.35
1932	100,000	110	11,000,000	.26	2,860,000	28.60
1933	87,000	150	13,050,000	.64	8,352,000	96.00

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1933

Year	Acres	Yield Per Acre, Tons	Production, Tons	Price Per Ton	Value	Value Per Acre
1880	60,000	1.55	93,000	$25.62	$ 2,382,660	$39.71
1881	72,000	1.80	130,000	20.00	2,600,000	36.11
1882	73,000	1.85	135,000	13.75	1,856,250	25.43
1883	82,000	2.00	164,000	13.50	2,214,000	27.00
1884	73,000	1.90	139,000	12.00	1,668,000	22.85
1885	88,000	1.70	150,000	9.96	1,494,000	16.98
1886	115,000	1.70	196,000	9.80	1,920,800	16.70
1887	150,000	1.80	270,000	10.75	2,902,500	19.35
1888	240,000	1.90	456,000	11.40	5,198,400	21.66
1889	330,000	1.90	627,000	9.10	5,705,700	17.29
1890	365,000	1.60	584,000	9.00	5,256,000	14.40
1891	440,000	1.90	836,000	8.00	6,688,000	15.20
1892	520,000	2.00	1,040,000	6.50	6,760,000	13.00
1893	540,000	1.40	756,000	6.98	5,276,880	9.77
1894	540,000	1.90	1,026,000	7.54	7,736,040	14.33
1895	560,000	2.20	1,232,000	5.87	7,231,840	12.91
1896	540,000	2.00	1,080,000	6.22	6,717,600	12.44
1897	560,000	2.10	1,176,000	5.50	6,468,000	11.55
1898	580,000	2.20	1,276,000	5.40	6,890,400	11.88
1899	593,000	2.18	1,293,000	7.35	9,503,550	16.03
1900	610,000	2.25	1,372,000	7.60	10,427,200	17.09
1901	615,000	2.10	1,292,000	9.04	11,679,680	18.99
1902	595,000	1.75	1,041,000	9.89	10,295,490	17.30
1903	620,000	2.25	1,395,000	7.48	10,434,600	16.83
1904	670,000	1.85	1,240,000	6.71	8,320,400	12.42
1905	710,000	2.15	1,526,000	8.20	12,513,200	17.62
1906	695,000	2.05	1,425,000	9.50	13,537,500	19.48
1907	735,000	2.25	1,654,000	9.50	15,713,000	21.38
1908	745,000	1.75	1,304,000	8.75	11,410,000	15.32
1909	785,000	2.13	1,672,000	10.00	16,720,000	21.30
1910	800,000	1.65	1,320,000	10.80	14,256,000	17.82
1911	825,000	1.80	1,485,000	9.30	13,810,500	16.74
1912	900,000	2.15	1,935,000	8.70	16,834,500	18.71
1913	945,000	1.95	1,843,000	10.00	18,430,000	19.50
1914	1,030,000	2.15	2,214,000	7.40	16,383,600	15.91
1915	1,010,000	1.95	1,970,000	7.60	14,972,000	14.82
1916	935,000	1.75	1,636,000	11.00	17,996,000	19.25
1917	980,000	2.10	2,058,000	16.60	34,162,800	34.86
1918	1,030,000	2.00	2,060,000	15.50	31,930,000	31.00
1919	1,228,000	1.92	2,358,000	18.50	43,623,000	35.52
1920	1,247,000	2.16	2,692,000	12.00	32,304,000	25.91
1921	1,254,000	1.98	2,481,000	6.90	17,118,900	13.65
1922	1,255,000	1.78	2,232,000	11.20	24,998,400	19.92
1923	1,281,000	1.86	2,384,000	11.30	26,939,200	21.03
1924	1,293,000	1.65	2,134,000	11.00	23,474,000	18.15
1925	1,291,000	1.68	2,165,000	12.00	25,980,000	20.12
1926	1,238,000	1.98	2,453,000	8.60	21,095,800	17.04
1927	1,293,000	1.82	2,359,000	9.20	21,702,800	16.78
1928	1,285,000	1.72	2,207,000	11.70	25,821,900	20.09
1929	1,257,000	1.80	2,263,000	10.60	23,987,800	19.08
1930	1,292,000	1.71	2,215,000	9.07	20,090,000	15.55
1931	1,258,000	1.31	1,647,000	7.85	12,929,000	10.28
1932	1,274,000	1.44	1,830,000	6.35	11,628,000	9.13
1933	1,334,000	1.49	1,993,000	5.30	10,563,000	7.92

Note—Prior to 1929 the price per unit used is as of December 1. Beginning with 1929 the price per unit is the average annual price per unit.

SUGAR BEET PRODUCTION IN COLORADO, 1905 TO 1933, INCLUSIVE

Year	Acres Harvested	Average Yield, Tons	Production Tons	Farm Price	Value*	Value* per Acre	Average Sugar Content	Tons Sugar Mfr'd.	No. of Factories Operating†
1905	86,000	10.19	875,154	$ ----	$----------	$ ----	14.71	91,608	12
1906	111,000	13.41	1,487,383	----	----------	-----	14.70	167,193	15
1907	128,000	11.93	1,523,300	----	----------	-----	15.30	169,287	16
1908	119,500	9.28	1,109,000	----	----------	-----	13.85	122,280	15
1909	121,700	10.33	1,256,700	----	----------	-----	14.24	149,405	16
1910	81,400	10.62	864,500	----	----------	-----	15.19	103,092	16
1911	86,400	11.07	957,100	5.55	5,312,000	61.46	15.44	124,800	14
1912	145,000	11.32	1,642,000	5.96	9,785,000	67.49	16.19	216,010	17
1913	168,400	10.93	1,840,700	5.67	10,437,000	61.97	14.92	229,274	14
1914	135,400	12.60	1,706,300	5.68	9,692,000	71.58	15.35	220,799	13
1915	171,200	11.03	1,888,900	5.88	11,106,000	64.87	16.53	273,780	14
1916	189,000	10.70	2,018,300	6.06	12,231,000	64.86	15.00	252,147	14
1917	161,000	11.50	1,857,700	7.28	13,526,000	83.75	15.40	234,303	15
1918	126,000	11.47	1,444,000	10.02	14,474,000	114.83	16.10	192,000	14
1919	183,000	9.66	1,765,000	10.85	19,143,000	104.65	13.62	194,000	15
1920	220,000	10.58	2,325,000	11.88	27,627,000	125.25	15.81	294,000	17
1921	200,000	11.39	2,279,000	6.37	14,521,000	72.61	15.66	295,000	15
1922	148,000	9.93	1,466,000	7.79	11,426,000	77.16	14.66	183,000	15
1923	161,000	12.15	1,996,000	8.15	16,276,000	99.19	14.59	240,000	16
1924	225,000	11.32	2,546,000	7.59	19,329,000	85.89	16.65	364,000	16
1925	130,000	12.60	1,640,000	5.98	9,815,000	75.50	14.25	211,000	16
1926	211,000	13.80	2,912,000	7.92	23,050,000	109.24	15.05	377,000	17
1927	218,000	12.70	2,774,000	7.84	21,758,000	99.81	15.25	373,000	18
1928	179,000	13.40	2,394,000	6.97	16,687,000	93.22	16.51	384,261	18
1929	210,000	12.44	2,612,000	6.93	18,101,000	86.20	14.51	348,000	18
1930	242,000	13.69	3,312,000	6.91	22,876,000	94.53	14.10	407,000	17
1931	226,000	11.23	2,537,000	5.44	13,801,000	61.07	15.50	360,000	17
1932‡	159,000	11.26	1,790,000	4.62	8,270,000	52.01	15.38	277,000	17
1933‡	209,000	12.6	2,628,000	5.00	13,140,000	62.87	15.55	390,000	17

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

*Exclusive of beet tops, which have a high feed value. †Including barium by-products plant at Johnstown. ‡1932 and 1933 figures preliminary and subject to revision.

ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1933

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value per Acre
1909	395,000	0.93	368,000	$ ----	$ -------	$ ----
1910	395,000	0.90	356,000	-----	----------	-----
1911	395,000	0.90	356,000	-----	----------	-----
1912	466,000	1.10	513,000	-----	----------	-----
1913	419,000	0.95	398,000	-----	----------	-----
1914	444,000	1.20	533,000	8.80	4,690,000	10.56
1915	460,000	1.12	515,000	7.90	4,068,000	8.84
1916	460,000	0.92	423,000	11.40	4,822,000	10.48
1917	451,000	1.02	460,000	17.50	8,050,000	17.85
1918	400,000	0.94	376,000	17.50	6,580,000	16.45
1919	411,000	0.89	366,000	18.40	6,734,000	16.38
1920	419,000	1.05	440,000	14.00	6,160,000	14.70
1921	407,000	1.00	407,000	6.00	2,442,000	6.00
1922	366,000	0.97	355,000	9.00	3,195,000	8.73
1923	373,000	1.05	392,000	10.50	4,116,000	11 03
1924	360,000	1.00	360,000	9.70	3,492,000	9.70
1925	360,000	1.00	360,000	10.80	3,888,000	10.80
1926	360,000	1.00	360,000	8.00	2,880,000	8.00
1927	396,000	1.00	396,000	8.40	3,326,000	8.40
1928	376,000	0.90	338,000	10.30	3,481,000	9.26
1929	362,000	.95	344,000	10.30	3,543,000	9.79
1930	366,000	1.00	366,000	8.80	3,221,000	8.80
1931	362,000	.80	290,000	7.50	2,175,000	6.01
1932	366,000	.90	329,000	6.00	1,974,000	5.39
1933	373,000	1.10	410,000	5.20	2,132,000	5.72

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

ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1933

Year	Acres	Yield per Acre, Lbs.	Production, Lbs.	Price per Cwt.	Value	Value per Acre
1914	20,000	900	18,000,000	$3.33	$ 600,000	$30.00
1915	21,000	972	20,412,000	3.80	775,000	36.90
1916	38,000	672	25,536,000	7.00	1,781,000	46.87
1917	250,000	468	117,000,000	8.00	9,360,000	37.44
1918	252,000	390	98,280,000	7.33	7,207,000	28.60
1919	66,000	390	25,740,000	5.83	1,502,000	22.76
1920	52,000	480	24,960,000	5.25	1,310,000	25.19
1921	39,000	480	18,720,000	4.50	842,000	21.58
1922	81,000	300	24,300,000	7.33	1,782,000	22.00
1923	170,000	480	81,600,000	6.17	5,032,000	29.60
1924	280,000	204	57,120,000	5.17	2,951,000	10.54
1925	320,000	420	134,400,000	4.00	5,376,000	16.80
1926	378,000	216	81,648,000	4.67	3,811,000	10.08
1927	281,000	330	92,730,000	4.50	4,174,000	14.85
1928	309,000	270	83,430,000	5.67	4,726,000	15.29
1929	372,000	360	133,920,000	4.90	6,562,000	17.64
1930	432,000	600	259,200,000	2.80	7,258,000	16.80
1931	320,000	245	78,400,000	1.40	1,098,000	3.43
1932	178,000	180	32,000,000	2.20	704,000	3.96
1933	345,000	330	113,800,000	2.85	3,243,000	9.40

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

ACREAGE, PRODUCTION AND VALUE OF BROOMCORN IN COLORADO, 1915-1933

Year	Acres	Yield per Acre, Pounds	Production, Tons	Price per Ton	Value	Value per Acre
1915	18,000	500	4,500	$ 75.00	$ 338,000	$18.78
1916	25,000	260	3,200	156.00	499,000	19.96
1917	30,000	340	5,100	282.00	1,438,000	47.93
1918	30,000	400	6,000	175.00	1,050,000	35.00
1919	11,000	425	2,300	100.00	230,000	20.91
1920	7,000	420	1,500	70.00	105,000	15.00
1921	9,000	415	1,900	45.00	86,000	9.56
1922	10,000	350	1,800	195.00	351,000	35.10
1923	48,000	365	8,800	145.00	1,276,000	26.58
1924	19,000	261	2,500	60.00	150,000	7.89
1925	15,000	250	1,900	140.00	266,000	17.73
1926	30,000	225	3,400	83.00	282,000	9.40
1927	35,000	330	5,800	120.00	696,000	19.89
1928	53,000	360	9,500	85.00	808,000	15.25
1929	64,000	286	9,200	106.00	975,000	15.23
1930	77,000	270	10,400	50.00	520,000	6.75
1931	46,000	250	5,800	36.00	209,000	4.54
1932	46,000	200	4,600	53.00	244,000	5.30
1933	55,000	160	4,400	95.00	418,000	7.60

ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value per Acre
1918	700	244	171,000	$1.00	$ 171,000	$244.30
1919	830	250	208,000	1.62	337,000	406.02
1920	760	340	258,000	.72	186,000	244.73
1921	1,300	300	390,000	1.53	597,000	460.00
1922	1,900	280	532,000	.52	277,000	145.79
1923	2,620	250	655,000	1.08	707,000	269.85
1924	3,410	270	921,000	.58	534,000	156.60
1925	3,520	325	1,144,000	.78	892,000	253.41
1926	3,700	275	1,018,000	.50	509,000	135.57
1927	4,300	320	1,376,000	.45	474,000	110.23
1928	3,760	330	1,241,000	1.42	1,762,000	468.62
1929	7,000	369	2,583,000	.45	1,097,000	156.71
1930	5,600	308	1,725,000	.32	552,000	98.57
1931	4,050	228	923,000	.74	683,000	168.64
1932	5,670	290	*1,644,000	.23	338,000	66.67
1933	4,150	275	1,141,000	.45	513,450	123.72

ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Number	Production, Carloads	Price per Car	Value	Value per Acre
1918	375	360	135	$150	$ 20,000	$53.33
1919	408	375	153	175	27,000	66.17
1920	830	315	261	150	39,000	47.00
1921	780	375	292	200	58,000	74.36
1922	660	350	231	180	42,000	63.63
1923	400	135	140	167	23,000	57.50
1924	380	300	114	128	15,000	39.90
1925	300	323	97	168	16,000	53 33
1926	300	361	108	95	10,000	33.33
1927	700	150	105	242	25,000	35.71
1928	1,150	319	367	150	55,000	47.83
1929	1,070	300	321	165	53,000	49.53
1930	1,070	320	342	170	58,000	54.21
1931	1,120	300	336	150	50,000	44.64
1932	1,230	320	394	90	35,000	28.46
1933	1,230	340	418	100	41,800	33.98

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO, 1910-1933

Year	APPLES			PEACHES		
	Production, Bus.	Price per Bu.	Value	Production, Bus.	Price per Bu.	Value
1910	1,500,000	$1.15	$ 1,725,000	390,000	$1.80	$ 702,000
1911	2,700,000	1.22	3,294,000	410,000	1.75	718,000
1912	3,100,000	.80	2,480,000	1,100,000	1.00	1,100,000
1913	3,300,000	1.08	3,564,000	390,000	1.24	484,000
1914	4,500,000	.70	3,150,000	1,025,000	.60	615,000
1915	2,080,000	.95	1,976,000	650,000	1.25	813,000
1916	2,541,000	.94	2,389,000	405,000	1.25	506,000
1917	2,190,000	.80	1,752,000	1,096,000	2.00	2,192,000
1918	2,067,000	1.70	3,514,000	959,000	2.00	1,918,000
1919	3,418,000	1.85	6,323,000	722,000	2.50	1,805,000
1920	2,830,000	1.40	3,962,000	670,000	2.50	1,675,000
1921	3,200,000	1.70	5,440,000	810,000	1.75	1,417,500
1922	4,250,000	.75	3,188,000	900,000	1.00	900,000
1923	3,010,000	.95	2,860,000	750,000	1.71	1,282,000
1924	3,024,000	1.30	3,931,000	920,000	1.60	1,472,000
1925	3,200,000	1.10	3,520,000	450,000	1.90	855,000
1926	3,444,000	.70	2,411,000	976,000	1.10	1,074,000
1927	2,592,000	1.10	2,851,000	892,000	1.20	1,070,000
1928	3,020,000	.65	1,963,000	650,000	1.20	780,000
1929	2,300,000	1.11	2,553,000	953,000	1.45	1,382,000
1930	976,000	.86	838,000	763,000	1.45	1,106,000
1931	2,000,000	.61	1,220,000	1,130,000	.50	565,000
1932	2,294,000	.42	963,000	1,142,000	.42	480,000
1933	1,454,000	.57	829,000	578,000	1.30	751,000

PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1933

Year	Production, Bus.	Price per Bu.	Value
1910	121,000	----	-------
1911	160,000	$1.55	$ 248,000
1912	193,000	.93	179,000
1913	130,000	1.75	227,000
1914	206,000	----	-------
1915	99,000	----	-------
1916	99,000	----	-------
1917	320,000	2.10	672,000
1918	194,000	1.50	291,000
1919	345,000	2.20	759,000
1920	386,000	1.90	733,000
1921	502,000	2.20	1,104,000
1922	519,000	.75	389,000
1923	400,000	1.56	624,000
1924	550,000	1.40	770,000
1925	510,000	1.15	586,000
1926	564,000	.65	367,000
1927	480,000	1.40	672,000
1928	185,000	1.05	194,000
1929	600,000	1.50	900,000
1930	200,000	1.30	260,000
1931	525,000	.60	315,000
1932	429,000	.40	172,000
1933	271,000	.65	176,000

No prices published for 1914-15-16.

ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value per Acre
1918	2,140	74	158,000	----	--------	-----
1919	2,140	69	148,000	----	--------	-----
1920	1,880	81	152,000	----	--------	-----
1921	3,850	75	289,000	----	--------	-----
1922	3,080	65	200,000	$1.45	$ 290,000	$ 94.16
1923	3,250	78	254,000	1.55	394,000	121.24
1924	2,800	35	98,000	1.00	98,000	35.00
1925	3,500	102	357,000	1.00	357,000	102.00
1926	2,900	61	177,000	.87	154,000	53.10
1927	3,130	50	156,000	.75	117,000	37.39
1928	2,300	101	232,000	.60	139,000	60.43
1929	2,000	115	230,000	.60	138,000	69.00
1930	2,800	130	364,000	.53	193,000	68.93
1931	1,820	128	233,000	.48	112,000	61.54
1932	480	97	47,000	.26	12,000	25.00
1933	460	174	80,000	.375	30,000	65.22

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

ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value per Acre
1918	840	3.3	2,800	------	---------	------
1919	1,040	4.1	4,300	--- --	---------	------
1920	980	2.4	2,400	------	---------	------
1921	700	3.3	2,300	------	---------	------
1922	610	2.5	1,500	$56.67	$ 85,000	$139.35
1923	750	3.5	2,600	60.00	156,000	208.00
1924	1,200	3.0	3,600	60.00	216,000	180.00
1925	1,800	3.0	5,400	56.67	306,000	170.00
1926	700	3.2	2,200	53.33	117,000	167.15
1927	900	2.4	2,200	60.00	132,000	146.67
1928	1,600	2.1	3,400	60.00	204,000	127.50
1929	2,300	3.0	6,900	58.00	400,000	173.91
1930	2,100	4.0	8,400	60.00	504,000	240.00
1931	1,100	2.0	2,200	44.00	97,000	88.18
1932	900	2.0	1,800	38.00	68,000	75.56
1933	730	2.7	1,400	38.00	53,200	72.88

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

ACREAGE, PRODUCTION AND VALUE OF CANTALOUPES IN COLORADO, 1918-1933

Year	Acres Harvested	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1918	4,600	176	809,000	$1.50	$ 1,214,000	$263.91
1919	6,690	165	1,104,000	1.25	1,380,000	206.30
1920	8,280	150	1,242,000	1.60	1,987,000	239.97
1921	8,200	182	1,492,000	.84	1,253,000	152.80
1922	14,000	100	1,400,000	1.75	2,450,000	175.00
1923	8,620	125	1,078,000	1.69	1,822,000	211.35
1924	8,040	145	1,166,000	1.19	1,388,000	172.64
1925	7,900	181	1,430,000	.91	1,301,000	164.72
1926	11,670	170	1,984,000	1.17	2,321,000	198.89
1927	12,100	127	1,537,000	1.05	1,614,000	133.39
1928	9,000	130	1,170,000	.94	1,100,000	122.00
1929	11,000	230	2,530,000	.83	2,100,000	190.91
1930	10,000	200	2,000,000	1.20	2,400,000	240.00
1931	8,100	140	1,134,000	.85	964,000	119.01
1932	7,370	150	1,106,000	.70	774,000	105.02
1933	8,820	170	1,499,000	.55	824,450	93.48

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE, 1918-1933

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1918	610	286	174,000	$1.60	$ 278,000	$455.73
1919	650	321	209,000	1.29	270,000	415.45
1920	630	250	158,000	1.60	253,000	401.60
1921	180	250	45,000	1.65	74,000	411.11
1922	490	303	148,000	1.29	191,000	389.93
1923	970	214	208,000	1.76	366,000	377.35
1924	350	228	80,000	1.13	90,000	257.14
1925	580	303	176,000	1.20	211,000	363.80
1926	410	268	110,000	.76	84,000	204.88
1927	800	200	160,000	.85	136,000	170.00
1928	1,070	264	282,000	.91	257,000	240.19
1929	1,070	310	332,000	.97	322,000	300.93
1930	1,230	320	394,000	.80	315,000	256.10
1931	1,290	286	369,000	.60	221,000	171.32
1932	1,880	230	*432,000	.35	125,000	66.49
1933	1,320	300	396,000	.45	178,200	135.00

ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR MANUFACTURE, 1918-1933

Year	Acres	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Value per Acre
1918	2,440	8.0	19,500	$15.12	$ 295,000	$120.90
1919	2,600	9.1	23,700	12.90	306,000	117.70
1920	2,530	6.3	15,900	15.00	238,000	94.09
1921	730	6.0	4,400	9.00	40,000	54.80
1922	2,200	8.2	18,000	8.67	156,000	70.90
1923	2,860	5.0	14,300	9.00	129,000	45.10
1924	2,000	7.2	14,400	10.25	148,000	74.00
1925	3,040	8.5	25,800	11.50	297,000	97.70
1926	2,350	7.5	17,600	12.00	211,000	89.79
1927	2,000	7.0	14,000	12.00	168,000	84.00
1928	1,600	7.4	11,800	11.00	130,000	81.25
1929	2,030	8.7	17,700	11.00	195,000	96.06
1930	2,230	8.5	19,000	10.90	207,000	92.83
1931	2,500	7.0	17,500	10.50	184,000	73.60
1932	2,300	4.7	10,800	8.10	87,000	37.83
1933	1,400	6.8	9,500	8.70	83,000	59.29

ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1918	200	313	63,000	$2.00	$ 126,000	$630.00
1919	350	330	116,000	2.00	232,000	662.82
1920	410	300	123,000	1.67	205,000	500.00
1921	400	330	132,000	1.33	176,000	440.00
1922	600	300	180,000	1.91	344,000	573.34
1923	670	300	201,000	1.41	283,000	422.39
1924	720	345	248,000	2.51	622,000	863.88
1925	920	420	386,000	3.16	1,220,000	1,326.10
1926	940	300	282,000	1.22	344,000	366.02
1927	940	300	282,000	1.70	479,000	509.56
1928	900	300	270,000	1.65	446,000	495.56
1929	1,100	240	264,000	1.10	290,000	263.64
1930	950	260	247,000	.90	222,000	233.68
1931	950	220	209,000	1.20	251,000	264.21
1932	950	220	*209,000	.90	153,000	161.05
1933	950	225	214,000	1.40	299,600	315.37

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO FOR TABLE USE, 1922-1933

Year	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bu.	Value	Value per Acre
1922	300	45	14,000	$1.55	$ 22,000	$ 73.33
1923	380	75	28,000	1.44	40,000	105.27
1924	850	80	68,000	1.85	126,000	150.00
1925	2,560	100	256 000	3.07	786,000	307.00
1926	1,940	62	120,000	1.94	233,000	120.10
1927	4,000	50	200,000	2.84	568.000	142.00
1928	4,900	55	270,000	1.60	432,000	88.16
1929	7,100	81	575,000	1.30	748,000	105.35
1930	5,820	75	436,000	1.65	719,000	123.54
1931	6,500	75	488,000	1.45	708,000	108.92
1932	11,050	60	*663,000	.50	276,000	24.98
1933	9,250	85	786,000	.70	550,200	59.48

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN COLORADO, 1922-1933

Year	Acres	Yield per Acre, Pounds	Production, Tons	Price per Ton	Value	Value per Acre
1922	2,940	1,400	2,100	$65.00	$136,000	$46.24
1923	3,680	1,000	1,800	69.00	124,000	33 70
1924	3,140	1,600	2,500	52.54	131,000	41.72
1925	3,520	1,800	3,200	60.00	192,000	54.55
1926	2,570	1,800	2,313	60.10	139,000	54.09
1927	1,900	1,800	1,710	60.00	103.000	54.21
1928	3,000	1,900	2,850	50.00	142,000	47.33
1929	3,400	1,776	3,019	44.00	133,000	39.12
1930	3,700	1,820	3,367	46.00	155,000	41.89
1931	3,500	1,480	2,590	46.00	119,000	34.00
1932	2,770	1,230	1,704	36.00	61,000	22.02
1933	2,330	1,680	1,960	33.40	65,000	27.90

ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1933

Year	Acres Harvested	Yield per Acre, Tons	Production, Tons	Price per Ton	Value	Av. Value per Acre
1918	4,220	9.0	38.000	$24.50	$ 931,000	$220.61
1919	4,000	10.0	40.000	20.00	800,000	200.00
1920	4.390	15.1	66,300	9.04	599.400	136.54
1921	3,995	11.7	46.730	24.55	1,147,000	287.09
1922	5,240	12.0	62,900	4.27	269,000	51.32
1923	5,270	14.3	75.400	7.40	558,000	105.91
1924	4,010	11.0	44.100	11.38	502,000	125.20
1925	2,000	11.5	23,000	18.96	436,000	218.00
1926	3,220	13.6	43,800	7.29	319,000	99.08
1927	2,300	14.6	33,500	13.97	468,000	203.48
1928	2,9[illegible]0	14.4	41,600	12.24	509,000	175.52
1929	3,360	10.6	35,000	20.43	715,000	216.67
1930	3,900	12.5	48,700	8.62	420,000	107.69
1931	3,800	8.3	31.600	14.84	469,000	123.42
1932	4,150	10.6	*43,900	5.51	174,000	41.93
1933	3,460	11.2	38,900	17.08	664,500	192.05

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1933

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1918	140	255	36,000	$3.50	$ 126,000	$900.00
1919	190	235	45,000	3.00	135,000	710.56
1920	730	250	182,000	1.80	323,000	449.32
1921	900	270	243,000	1.50	364,000	404.45
1922	6,000	180	1,080,000	1.71	1,847,000	307.83
1923	6,710	145	973,000	1.60	1,557,000	231.99
1924	5,600	85	476,000	2.16	1,028,000	183.57
1925	10,500	133	1,396,000	1.58	2,206,000	210.09
1926	13,240	115	1,523,000	1.43	2,178,000	164.50
1927	13,240	110	1,456,000	1.63	2,373,000	179.24
1928	8,800	115	1,012,000	1.07	1,083,000	123.07
1929	8,100	110	891,000	1.25	1,114,000	137.53
1930	7,440	90	670,000	.85	570,000	76.61
1931	6,650	90	598,000	1.30	777,000	116.84
1932	8,310	100	*831,000	.50	221,000	26.59
1933	5,630	100	563,000	1.00	563,000	100.00

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1933

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1922	260	277	72,000	$1.82	$ 131,000	$504.00
1923	400	160	64,000	1.11	71,000	177.50
1924	400	160	64,000	1.80	115,000	288.00
1925	1,000	160	160,000	.71	114,000	114.00
1926	1,100	90	99,000	1.15	114,000	103.64
1927	1,160	290	336,000	1.78	598,000	515.52
1928	1,700	300	510,000	1.20	612,000	360.00
1929	8,200	360	1,152,000	.70	806,000	251.88
1930	2,800	320	896,000	.80	717,000	256.07
1931	3,900	260	1,014,000	.70	710,000	182.05
1932	4,480	240	*1,075,000	.40	360,000	80.36
1933	3,140	260	816,000	.40	326,400	103.95

*Includes some quantities not harvested on account of market conditions and excluded in computing total value.

ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919-1933

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1919	283,000	16	4,528,000	$1.20	$ 5,434,000	$19.20
1920	282,000	15	4,230,000	.84	3,553,000	12.60
1921	265,000	13	3,445,000	.52	1,791,000	6.76
1922	247,000	14	3,458,000	.70	2,421,000	9.80
1923	320,000	18	5,760,000	.80	4,608,000	14.40
1924	233,000	8	1,864,000	.90	1,678,000	7.20
1925	246,000	11	2,706,000	.71	1,921,000	7.81
1926	227,000	5	1,135,000	.60	681,000	3.00
1927	284,000	10	2,840,000	.65	1,846,000	6.50
1928	256,000	10.5	2,688,000	.60	1,613,000	6.30
1929	175,000	10.5	1,838,000	.58	1,066,000	6.09
1930	180,000	13.0	2,340,000	.40	936,000	5.20
1931	191,000	11.0	2,101,000	.20	420,000	2.20
1932	206,000	6.0	1,236,000	.16	198,000	.96
1933	284,000	7.5	2,130,000	.35	746,000	2.63

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, 1930

(Compiled from Census Reports)

COUNTY	Land	Buildings	Implements and Machinery	Livestock	Total All Property 1930
Adams	$ 18,757,039	$ 4,386,014	$ 1,760,342	$ 1,873,442	$ 26,776,837
Alamosa	5,590,229	1,186,780	573,907	1,212,380	8,563,296
Arapahoe	13,771,222	4,112,795	1,212,567	1,422,651	20,519,235
Archuleta	1,597,937	430,625	181,099	910,067	3,119,728
Baca	15,680,592	1,478,370	1,590,569	2,475,649	21,225,180
Bent	8,545,771	1,566,746	823,895	1,715,532	12,651,944
Boulder	13,885,354	4,242,879	1,078,663	1,478,626	20,685,522
Chaffee	2,253,670	879,300	257,144	669,412	4,059,526
Cheyenne	5,012,261	855,255	522,367	1,809,470	8,199,353
Clear Creek	447,275	144,963	15,440	32,354	640,032
Conejos	8,009,774	1,468,685	706,953	2,203,004	12,388,416
Costilla	3,483,086	662,717	394,569	674,982	5,215,354
Crowley	5,996,137	956,245	449,892	1,001,044	8,403,318
Custer	2,191,448	718,245	347,175	751,277	4,008,145
Delta	8,025,784	2,512,795	954,450	2,436,488	13,929,517
Denver	1,444,007	1,404,280	121,654	77,665	3,047,606
Dolores	409,115	93,685	105,321	218,588	826,709
Douglas	6,091,695	1,966,970	598,865	1,337,718	9,995,248
Eagle	3,388,559	926,137	366,904	1,393,310	6,074,910
Elbert	10,749,681	2,420,591	1,195,865	2,437,814	16,803,951
El Paso	13,497,023	3,822,810	1,031,391	2,746,429	21,097,653
Fremont	4,992,569	2,196,485	431,583	1,095,852	8,716,489
Garfield	6,583,387	1,889,388	591,639	2,722,613	11,787,027
Gilpin	127,885	21,985	15,240	44,749	209,859
Grand	2,547,063	625,600	185,745	1,001,136	4,359,544
Gunnison	3,306,310	822,690	296,685	2,212,363	6,638,048
Hinsdale	306,910	78,735	32,885	191,203	609,733
Huerfano	4,039,094	721,535	358,398	1,623,123	6,742,150
Jackson	2,895,366	535,510	225,160	2,050,299	5,706,335
Jefferson	17,120,512	6,985,541	972,824	1,412,110	26,490,987
Kiowa	4,786,953	742,670	436,017	1,521,486	7,487,126
Kit Carson	12,193,868	2,202,150	1,304,837	2,586,189	18,287,044
Lake	198,569	42,820	30,890	75,796	348,075
*La Plata	5,002,878	1,640,381	630,904	1,785,661	9,059,824
Larimer	22,987,797	5,553,427	1,941,348	4,510,214	34,992,786
Las Animas	10,715,890	1,544,973	836,040	4,881,673	17,978,576
Lincoln	11,656,589	1,689,266	1,196,093	2,661,752	17,203,700
Logan	22,002,394	3,928,644	2,269,144	3,907,646	32,107,828
Mesa	12,004,369	4,200,855	1,313,813	3,332,023	20,851,060
Mineral	465,155	178,100	39,870	154,495	837,620
Moffat	4,661,149	1,008,880	476,867	2,295,159	8,442,055
Montezuma	3,890,555	1,155,787	576,628	1,908,947	7,531,917
Montrose	5,803,647	2,028,447	776,623	2,506,468	11,115,185
Morgan	16,252,259	3,484,290	1,709,789	2,718,070	24,164,408
Otero	10,636,308	2,724,078	961,300	1,943,553	16,265,239
Ouray	1,340,468	311,800	151,715	588,102	2,392,085
Park	3,105,597	912,815	305,954	1,334,414	5,658,780
Phillips	9,944,970	1,851,700	1,201,783	967,300	13,965,753
Pitkin	1,375,030	309,735	135,715	565,663	2,386,143
Prowers	12,691,887	2,179,346	1,208,892	2,391,488	18,471,613
Pueblo	12,641,017	2,682,465	1,122,781	2,983,706	19,429,969
Rio Blanco	4,197,800	879,885	398,142	2,787,244	8,263,071
Rio Grande	12,254,025	2,679,973	1,230,645	1,844,225	18,008,868
Routt	6,932,029	1,492,640	665,166	2,522,981	11,612,816
Saguache	7,369,443	1,281,525	597,750	2,700,151	11,948,869
*San Juan	-------	-------	-------	-------	-------
San Miguel	1,366,576	333,265	171,480	817,902	2,689,223
Sedgwick	9,114,206	1,566,515	1,138,368	1,021,932	12,841,021
Summit	550,850	179,050	62,660	285,564	1,078,124
Teller	1,103,861	273,930	105,696	395,704	1,879,191
Washington	12,452,376	2,610,896	1,372,716	3,102,518	19,538,506
Weld	62,030,565	12,846,094	6,446,662	9,605,018	90,928,339
Yuma	18,478,893	3,761,189	2,025,958	3,864,590	28,130,630
State	$510,954,728	$118,391,947	$ 50,241,437	$115,798,984	$795,387,096

*La Plata county includes statistics for 2 farms reported for San Juan county to avoid disclosure of individual operations.

VALUE ALL FARM PROPERTY IN COLORADO, BY COUNTIES AND CENSUS YEARS

(Compiled from Census Reports)

COUNTY	1930 (April 1)	1925 (January 1)	1920 (January 1)	1910 (April 15)	1900 (June 1)
Adams[1]	$ 26,776,837	$ 23,433,838	$ 31,307,933	$ 15,767,956	--------
Alamosa[2]	8,563,296	7,388,412	7,849,929	--------	--------
Arapahoe[1]	20,519,235	16,936,193	20,733,313	11,351,431	$ 17,296,895
Archuleta	3,119,728	2,735,113	4,597,601	1,965,568	1,285,611
Baca	21,225,180	10,312,174	16,994,134	2,027,854	738,762
Bent	12,651,944	13,657,785	18,342,181	7,731,767	2,625,946
Boulder	20,685,522	21,065,175	27,649,829	16,478,541	6,237,456
Chaffee	4,059,526	3,094,569	4,349,698	1,987,810	908,588
Cheyenne	8,199,353	9,675,200	18,075,769	3,576,820	640,923
Clear Creek	640,032	273,048	633,116	216,018	111,434
Conejos[2]	12,388,416	8,618,880	15,034,689	8,430,531	3,338,690
Costilla[2]	5,215,354	5,162,537	7,673,869	3,714,504	2,453,619
Crowley[3]	8,403,318	7,152,512	12,968,714	--------	--------
Custer	4,008,145	3,292,342	4,403,088	2,067,447	1,563,476
Delta	13,929,517	13,865,474	18,433,634	21,024,102	4,275,790
Denver[1]	3,047,606	3,721,761	3,458,640	3,406,332	--------
Dolores	826,709	490,154	1,194,227	248,501	145,629
Douglas	9,995,248	7,297,408	12,915,906	5,622,844	2,947,723
Eagle	6,074,910	4,923,394	5,945,848	3,691,648	1,636,071
Elbert	16,803,951	18,166,409	32,518,685	9,624,465	3,296,835
El Paso	21,097,653	19,294,696	26,513,564	13,117,316	4,452,866
Fremont	8,716,489	7,499,280	8,059,137	7,130,241	4,331,109
Garfield	11,787,027	10,734,495	15,905,679	11,017,329	2,981,625
Gilpin	209,859	208,301	271,209	195,481	109,959
Grand	4,359,544	3,508,270	4,735,409	2,625,740	960,585
Gunnison	6,638,048	4,900,267	6,882,147	3,352,823	1,429,287
Hinsdale	609,733	431,699	589,359	126,608	152,960
Huerfano	6,742,150	5,875,899	9,624,586	3,640,602	1,529,949
Jackson[4]	5,706,335	4,386,366	8,662,671	4,416,646	--------
Jefferson[5]	26,490,987	23,574,030	22,492,713	17,616,573	8,013,098
Kiowa	7,487,126	7,183,507	10,364,283	3,031,538	949,775
Kit Carson	18,287,044	16,230,493	24,549,167	7,951,330	966,911
Lake	348,075	203,154	312,808	466,646	703,636
La Plata	9,059,824	7,026,099	10,331,326	5,812,793	1,373,387
Larimer[4]	34,992,786	38,182,453	48,521,882	25,930,176	9,920,153
Las Animas	17,978,576	11,654,295	19,419,429	6,495,792	3,834,234
Lincoln	17,203,700	19,278,979	29,070,877	6,735,622	1,190,553
Logan	32,107,828	27,511,816	47,791,515	10,866,393	3,444,842
Mesa	20,851,060	16,061,100	21,868,226	30,209,338	3,994,122
Mineral	837,620	418,881	559,450	537,691	123,858
Moffat[6]	8,442,055	5,475,512	11,375,370	--------	--------
Montezuma	7,531,917	5,017,078	8,492,906	6,996,047	962,287
Montrose	11,115,185	10,524,119	18,581,078	13,858,209	2,897,504
Morgan	24,164,408	22,720,611	33,402,570	11,548,557	2,827,742
Otero[3]	16,265,239	17,306,241	24,503,469	19,738,280	6,488,096
Ouray[7]	2,392,085	1,978,704	2,736,634	1,786,767	745,716
Park[5]	5,658,780	4,632,984	5,432,902	2,925,215	2,253,556
Phillips	13,965,753	15,365,670	23,510,520	6,394,186	872,487
Pitkin	2,386,143	1,967,908	2,706,833	1,903,709	966,961
Prowers	18,471,613	14,004,684	26,411,910	13,938,513	4,806,242
Pueblo	19,429,969	16,336,351	33,421,435	9,940,218	5,356,722
Rio Blanco	8,263,071	5,999,903	9,656,011	4,350,437	2,428,359
Rio Grande	18,008,868	12,085,759	21,148,401	10,771,802	2,481,060
Routt[6]	11,612,816	9,643,922	15,546,094	13,454,136	4,634,756
Saguache	11,948,869	9,591,678	15,549,511	9,299,491	3,578,576
San Juan	--------	--------	--------	--------	18,726
San Miguel[7]	2,689,223	3,315,258	4,106,964	1,507,239	1,115,206
Sedgwick	12,841,021	10,226,617	14,708,626	5,439,388	727,375
Summit	1,078,124	944,186	1,132,457	602,166	300,028
Teller	1,879,191	1,654,311	2,207,638	1,268,472	481,468
Washington[1]	19,538,506	25,060,264	38,681,973	8,266,561	1,151,005
Weld	90,928,339	84,835,165	134,878,433	56,363,139	14,645,920
Yuma[1]	28,130,630	28,171,239	46,996,774	10,908,457	1,330,133
Indian Reservations	--------	--------	--------	--------	7,819
State	$795,387,096	$712,284,622	$1,076,794,749	$491,471,806	$161,045,101

[1]Adams and Denver Counties organized from parts of Arapahoe County in 1902; parts of Adams and Arapahoe Counties annexed to Washington County and to Yuma County in 1903; part of Denver County annexed to Adams County in 1909.

[2]Alamosa County organized from parts of Conejos and Costilla Counties in 1913.

[3]Crowley County organized from part of Otero County in 1911.

[4]Jackson County organized from part of Larimer County in 1909.

[5]Part of Jefferson County annexed to Park County in 1908.

[6]Moffat County organized from part of Routt County in 1911.

[7]Part of San Miguel County annexed to Ouray County in 1917.

NUMBER OF FARMS AND FARM ACREAGE, BY COUNTIES, 1930

(Compiled from Census Reports)

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

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

COUNTY	Number of Farms			*Increase 1925-1930		*Increase 1920-1930	
	1930 April 1	1925 Jan. 1	1920 Jan. 1	Number	Per Cent	Number	Per Cent
Adams	1,912	1,873	1,753	39	2.1	159	9.1
Alamosa	531	300	302	231	77.0	229	75.8
Arapahoe	1,225	1,174	1,025	51	4.3	200	19.5
Archuleta	389	329	420	60	18.2	—31	—7.4
Baca	1,750	1,706	1,858	44	2.6	—108	—5.8
Bent	882	900	1,056	—18	—2.0	—174	—16.5
Boulder	1,473	1,492	1,420	—19	—1.3	53	3.7
Chaffee	307	247	326	60	24.3	—19	—5.8
Cheyenne	625	625	674	----	--	—49	—7.3
Clear Creek	34	16	27	18	112.5	7	25.9
Conejos	1,467	680	814	787	115.7	653	80.2
Costilla	648	329	443	319	97.0	205	46.3
Crowley	626	622	743	4	0.6	—117	—15.7
Custer	406	367	353	39	10.6	53	15.0
Delta	1,744	1,636	1,707	108	6.6	37	2.2
Denver	257	307	239	—50	—16.3	18	7.5
Dolores	194	177	186	17	9.6	8	4.3
Douglas	438	401	462	37	9.2	—24	—5.2
Eagle	374	350	301	24	6.9	73	24.3
Elbert	1,241	1,281	1,308	—40	—3.1	—67	—5.1
El Paso	1,463	1,580	1,571	—117	—7.4	—108	—6.9
Fremont	1,270	1,127	1,014	143	12.7	256	25.2
Garfield	1,015	928	930	87	9.4	85	9.1
Gilpin	34	47	41	—13	—27.7	—7	—17.1
Grand	229	269	265	—40	—14.9	—36	—13.6
Gunnison	370	358	376	12	3.4	—6	—1.6
Hinsdale	44	38	40	6	15.8	4	10.0
Huerfano	760	1,003	954	—243	—24.2	—194	—20.3
Jackson	203	156	182	47	30.1	21	11.5
Jefferson	1,817	1,951	1,446	—134	—6.9	371	25.7
Kiowa	579	692	668	—113	—16.3	—89	—13.3
Kit Carson	1,630	1,500	1,461	130	8.7	169	11.6
Lake	44	27	30	17	63.0	14	46.7
La Plata	1,161	973	1,069	188	19.3	92	8.6
Larimer	1,838	1,816	1,921	22	1.2	—83	—4.3
Las Animas	1,758	1,943	2,286	—185	—9.5	—528	—23.1
Lincoln	1,232	1,279	1,385	—47	—3.7	—153	—11.0
Logan	1,845	1,916	1,874	—71	—3.7	—29	—1.5
Mesa	2,665	2,199	2,207	466	21.2	458	20.8
Mineral	50	27	34	23	85.2	16	47.1
Moffat	797	712	1,023	85	11.9	—226	—22.1
Montezuma	978	728	904	250	34.3	74	8.2
Montrose	1,318	1,423	1,368	—105	—7.4	—50	—3.7
Morgan	1,569	1,692	1,720	—123	—7.3	—151	—8.8
Otero	1,298	1,419	1,486	—121	—8.5	—188	—12.7
Ouray	178	162	180	16	9.9	—2	—1.1
Park	394	219	286	175	79.9	108	37.8
Phillips	766	843	680	—77	—9.1	86	12.6
Pitkin	180	166	179	14	8.4	1	0.6
Prowers	1,382	1,194	1,469	188	15.7	—87	—5.9
Pueblo	1,473	1,534	1,826	—61	—4.0	—353	—19.3
Rio Blanco	433	422	537	11	2.6	—104	—19.4
Rio Grande	730	535	603	195	36.4	127	21.1
Routt	928	834	926	94	11.3	2	0.2
Saguache	557	346	432	211	61.0	125	28.9
San Juan	**	**	**	----	----	----	----
San Miguel	263	366	334	—103	—28.1	—71	—21.3
Sedgwick	560	632	487	—72	—11.4	73	15.0
Summit	61	69	72	—8	—11.6	—11	—15.3
Teller	238	186	250	52	28.0	—12	—4.8
Washington	1,753	1,984	2,057	—231	—11.6	—304	—14.8
Weld	5,457	5,610	5,765	—153	—2.7	—308	—5.3
Yuma	2,113	2,303	2,179	—190	—8.3	—66	—3.0
State	59,956	58,020	59,934	1,936	3.3	22	0.04

*A minus sign (—) denotes a decrease.
**No farms reported.
The figures for 1930 are preliminary and subject to correction.
La Plata county includes two San Juan county farms.

ACRES OF ALL FARM LAND* RETURNED ANNUALLY FOR ASSESSMENT IN COLORADO FOR 1915, 1920, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1920	1915
Adams	744,526	743,447	739,019	742,427	737,123	629,707
Alamosa	385,440	314,197	299,085	316,144	307,800	334,500
Arapahoe	501,723	502,761	501,362	497,502	490,550	441,447
Archuleta	307,674	306,658	253,445	246,445	257,141	249,577
Baca	1,536,517	1,531,614	1,533,545	1,533,420	1,137,896	540,620
Bent	787,850	785,230	785,185	790,914	446,787	189,325
Boulder	261,381	261,823	262,248	260,922	251,790	232,766
Chaffee	104,362	101,103	101,315	99,954	83,363	80,687
Cheyenne	1,077,077	1,075,492	1,074,538	1,072,229	1,044,149	888,535
Clear Creek	19,904	32,374	37,543	32,897	33,857	30,828
Conejos	257,976	257,976	257,976	257,386	225,604	216,263
Costilla	782,207	780,350	780,400	374,160	219,200	769,456
Crowley	430,521	431,823	429,793	424,921	307,539	131,443
Custer	264,964	263,298	261,840	257,318	140,405	117,653
Delta	275,449	281,603	268,124	359,446	218,167	189,239
Denver	------	------	5,855	5,928	7,519	7,843
Dolores	206,390	211,134	203,387	191,787	87,035	10,257
Douglas	381,060	379,845	380,345	379,997	875,584	367,270
Eagle	167,317	164,898	159,769	148,314	98,394	85,392
Elbert	1,084,801	1,082,699	1,081,576	1,081,479	1,034,431	952,091
El Paso	993,197	989,721	989,529	988,889	951,958	799,156
Fremont	385,485	378,323	368,841	372,416	214,408	182,330
Garfield	350,243	338,843	340,952	327,139	259,122	204,520
Gilpin	30,830	28,805	29,133	28,502	18,091	15,936
Grand	275,477	274,096	265,893	265,109	172,269	128,246
Gunnison	361,483	344,187	336,513	330,832	151,927	122,701
Hinsdale	21,798	20,980	20,990	20,102	14,759	12,081
Huerfano	684,140	682,103	668,867	657,567	366,959	340,211
Jackson	321,478	320,674	316,027	306,734	214,044	193,940
Jefferson	344,891	339,522	336,652	334,422	322,343	296,175
Kiowa	1,050,528	1,124,923	1,039,593	1,050,114	960,670	680,986
Kit Carson	1,306,600	1,306,629	1,306,444	1,307,131	1,265,961	1,128,158
Lake	28,928	28,694	28,713	28,966	27,011	26,658
La Plata	431,501	433,960	430,339	432,180	328,843	265,834
Larimer	764,390	761,926	763,389	761,541	666,173	621,368
Las Animas	2,772,728	2,640,405	2,584,673	2,576,249	1,078,269	765,310
Lincoln	1,499,822	1,499,086	1,487,988	1,496,195	1,409,418	1,058,771
Logan	991,600	991,080	990,201	988,921	966,630	680,036
Mesa	494,912	491,425	483,418	480,507	338,284	287,055
Mineral	28,800	27,092	26,892	26,744	20,551	19,256
Moffat	1,023,236	1,019,570	1,000,559	981,949	229,710	129,754
Montezuma	321,136	317,015	317,504	315,366	209,902	160,104
Montrose	414,168	413,066	406,823	411,824	293,693	230,329
Morgan	745,432	744,551	744,607	743,898	634,280	367,245
Otero	642,541	647,453	650,337	648,908	323,442	240,275
Ouray	151,240	150,890	150,040	149,895	155,440	83,793
Park	474,543	470,697	467,485	466,040	192,192	196,132
Phillips	407,698	407,653	407,977	403,618	395,780	385,671
Pitkin	71,070	71,086	70,181	70,147	58,078	50,701
Prowers	969,044	968,484	967,521	973,008	811,164	448,925
Pueblo	1,190,564	1,191,314	1,173,513	1,169,258	867,047	688,441
Rio Blanco	379,913	376,201	355,341	355,341	194,466	139,814
Rio Grande	221,730	222,153	222,153	220,244	185,285	170,680
Routt	628,829	578,380	565,056	559,221	345,619	261,047
Saguache	555,081	551,278	555,892	553,117	453,873	407,323
San Juan	200	200	200	200	200	200
San Miguel	234,562	230,096	230,627	229,052	125,269	87,098
Sedgwick	304,163	305,777	305,933	305,777	297,652	280,973
Summit	46,180	40,790	39,780	38,075	28,945	22,610
Teller	148,678	147,975	150,363	149,691	112,470	99,807
Washington	1,478,607	1,478,643	1,482,039	1,481,907	1,393,009	914,615
Weld	2,273,339	2,271,917	2,272,958	2,266,855	2,171,570	1,631,321
Yuma	1,446,884	1,446,709	1,440,993	1,438,893	1,296,745	993,616
State	36,844,808	36,582,697	36,209,279	35,791,134	27,977,855	22,284,101

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

DISTRIBUTION OF AGRICULTURAL LAND

(From County Assessors' Reports, 1933)

COUNTY	Area Acres	Agricultural Land	Per Cent of Total Area	Irrigated Land	Per Cent of Agricultural Land	Grazing Land	Per Cent of Agricultural Land	Dry Farming Land	Per Cent of Agricultural Land
Adams	807,680	750,928	92.97	96,787	12.89	130,191	17.34	523,950	69.77
Alamosa	465,280	385,440	82.84	65,250	16.93	181,490	47.09	138,700	35.98
Arapahoe	538,880	514,610	95.50	29,778	5.79	92,441	17.96	392,391	76.25
Archuleta	780,800	307,674	39.40	10,464	3.40	287,454	93.43	9,756	3.17
Baca	1,633,280	1,536,517	94.08	------	----	564,177	36.72	972,340	63.28
Bent	975,360	787,850	80.78	62,381	7.92	682,748	86.66	42,721	5.42
Boulder	488,960	264,481	54.09	101,712	38.46	134,514	50.86	28,255	10.68
Chaffee	693,120	104,636	15.10	21,882	20.91	82,754	79.09	------	----
Cheyenne	1,137,280	1,077,077	94.71	------	----	468,391	43.49	608,686	56.51
Clear Creek	249,600	20,897	8.37	1,485	7.11	19,412	92.89	------	----
Conejos	801,280	257,976	32.20	96,400	37.37	161,576	62.63	------	----
Costilla	758,400	782,207	103.14	111,963	14.31	670,244	85.69	------	----
Crowley	517,120	430,521	83.25	43,798	10.17	374,598	87.01	12,125	2.82
Custer	478,080	264,964	55.42	17,101	6.45	240,006	90.58	7,857	2.97
Delta	768,640	275,449	35.84	61,052	22.17	192,376	69.84	22,021	7.99
Denver	37,120	5,770	15.54	5,770	100.00	------	----	------	----
Dolores	667,520	206,390	30.92	800	.39	180,622	87.51	24,968	12.10
Douglas	540,800	381,060	70.46	13,372	3.51	310,543	81.49	57,145	15.00
Eagle	1,036,800	167,317	16.14	25,276	15.11	140,595	84.03	1,446	.86
Elbert	1,188,480	1,084,801	91.28	11,611	1.07	754,105	69.52	319,085	29.41
El Paso	1,357,440	994,662	73.27	23,675	2.38	755,167	75.92	215,820	21.70
Fremont	996,480	385,485	38.68	16,869	4.38	327,303	84.90	41,313	10.72
Garfield	1,988,480	350,243	17.61	54,175	15.47	261,325	74.61	34,743	9.92
Gilpin	84,480	30,830	36.49	------	----	30,830	100.00	------	----
Grand	1,194,240	275,477	23.07	28,432	10.32	247,045	89.68	------	----
Gunnison	2,034,560	361,483	17.77	38,383	10.62	323,100	89.38	------	----
Hinsdale	621,440	21,798	3.51	2,168	9.95	19,270	88.40	360	1.65
Huerfano	960,000	684,140	71.26	14,797	2.16	650,106	95.03	19,237	2.81
Jackson	1,044,480	321,478	30.78	69,183	21.52	252,233	78.46	62	.02
Jefferson	517,120	356,411	68.92	61,830	17.35	265,359	74.45	29,222	8.20

Kiowa	1,150,720	1,050,528	91.29	------	----	285,910	27.22	764,618	72.78
Kit Carson	1,381,760	1,306,600	94.56	3,588	.27	349,380	26.74	953,632	72.99
Lake	237,440	28,928	12.18	4,821	16.67	24,107	83.33	------	----
La Plata	1,184,640	432,031	36.47	40,817	9.45	364,176	84.29	27,038	6.26
Larimer	1,682,560	765,828	45.52	122,182	15.95	621,046	81.10	22,600	2.95
Las Animas	3,077,760	2,773,644	90.12	29,227	1.05	2,667,899	96.19	76,518	2.76
Lincoln	1,644,800	1,499,822	91.18	2,932	.20	590,700	39.38	906,190	60.42
Logan	1,166,080	991,600	85.04	90,160	9.09	333,000	33.58	568,440	57.33
Mesa	2,024,320	494,912	24.45	86,330	17.44	397,067	80.23	11,515	2.33
Mineral	554,240	28,800	5.20	4,125	14.32	24,675	85.68	------	----
Moffat	2,981,120	1,023,236	34.32	14,642	1.43	974,284	95.22	34,310	3.35
Montezuma	1,312,640	321,136	24.46	36,906	11.49	243,678	75.88	40,552	12.63
Montrose	1,448,960	414,168	28.58	63,800	15.41	328,368	79.28	22,000	5.31
Morgan	823,040	745,432	90.57	82,806	11.11	412,935	55.39	249,691	33.50
Otero	805,760	642,541	79.74	67,475	10.50	560,702	87.26	14,364	2.24
Ouray	332,160	151,240	45.53	11,950	7.90	135,940	89.88	3,350	2.22
Park	1,434,880	474,543	33.07	21,430	4.52	448,059	94.42	5,054	1.06
Phillips	440,320	407,698	92.59	------	----	46,168	11.32	361,530	88.68
Pitkin	652,160	71,070	10.90	14,383	20.24	55,989	78.78	698	.98
Prowers	1,043,200	969,369	92.92	93,106	9.60	724,515	74.74	151,748	15.66
Pueblo	1,557,120	1,195,014	76.75	43,618	3.65	1,067,196	89.30	84,200	7.05
Rio Blanco	2,062,720	379,913	18.42	24,193	6.37	337,330	88.79	18,390	4.84
Rio Grande	574,720	221,730	38.58	97,090	43.79	124,640	56.21	------	----
Routt	1,477,760	628,829	42.55	40,025	6.37	539,030	85.72	49,774	7.91
Saguache	2,005,120	555,081	27.68	93,978	16.93	461,103	83.07	------	----
San Juan	289,920	200	.07	------	----	200	100.00	------	----
San Miguel	824,320	234,562	28.46	7,254	3.09	220,064	93.82	7,244	3.09
Sedgwick	339,840	304,163	89.50	24,976	8.21	91,193	29.98	187,994	61.81
Summit	415,360	46,180	11.12	6,250	13.53	39,930	86.47	------	----
Teller	350,080	148,678	42.47	1,898	1.28	128,000	86.09	18,780	12.63
Washington	1,613,440	1,478,607	91.64	7,690	.52	352,555	23.84	1,118,362	75.64
Weld	2,574,080	2,275,567	88.40	356,691	15.67	1,163,444	51.13	755,432	33.20
Yuma	1,514,880	1,446,884	95.51	6,974	.48	783,777	54.17	656,153	45.35
State	66,341,120	36,897,106	55.16	2,587,711	7.01	23,697,035	64.23	10,612,360	28.76

Irrigated land includes acreage classed by assessors as fruit land, natural hay land, and suburban tracts.
Grazing land includes acreage classed by assessors as waste and seep land.
Note: Due to errors in assessment, agricultural land in Costilla county shows more acreage than the total area for the county.

ASSESSED VALUE OF FARM PROPERTY IN COLORADO, 1932 AND 1933

(Compiled from Records of the State Tax Commission)

COUNTY	1933								1932 Total
	Farm Land	Livestock	Poultry and Bees	Equities in State Lands	Improvements on Patented Land	Improvements on Public Land	Agricultural Implements	Total	
Adams	$ 8,934,310	$ 474,970	$ 20,420	$ 44,010	$ 2,385,130	$ 88,750	$ 204,140	$ 12,151,730	$ 13,858,340
Alamosa	2,791,905	224,440	6,285	39,023	284,160	20,071	68,540	3,434,424	3,937,673
Arapahoe	3,996,410	318,075	22,200	44,005	2,153,010	5,910	124,730	6,664,340	7,662,180
Archuleta	905,240	252,047	3,110	1,740	159,323	1,260	10,005	1,332,725	1,473,778
Baca	5,764,417	619,045	16,745	100,343	529,349	10,800	213,265	7,253,964	8,110,245
Bent	3,823,337	348,101	15,689	17,055	477,013	28,670	51,930	4,761,795	5,936,430
Boulder	5,906,870	341,560	21,810	5,100	2,530,350	7,960	104,110	8,917,760	10,516,990
Chaffee	992,430	154,675	1,205	------	431,425	64,985	20,510	1,665,230	1,827,875
Cheyenne	4,437,095	396,420	6,130	5,370	281,130	385	52,165	5,178,695	7,124,075
Clear Creek	103,968	13,820	300	7,170	119,322	2,835	2,370	249,785	461,750
Conejos	3,143,775	523,853	3,250	34,041	402,250	5,575	107,067	4,219,811	4,588,310
Costilla	1,885,269	109,710	2,595	------	175,716	5,180	31,945	2,210,415	2,867,665
Crowley	2,473,560	161,730	12,685	15,700	442,270	25,580	71,790	3,203,315	4,027,515
Custer	1,523,094	138,153	1,612	------	231,966	7,178	39,134	1,941,137	1,633,062
Delta	2,979,965	578,065	17,915	------	798,585	11,375	131,460	4,517,365	5,791,615
Denver	------	55,660	------	------	4,166,658	------	14,010	4,236,328	5,046,430
Dolores	516,771	101,815	945	530	50,238	2,700	11,810	684,809	764,490
Douglas	1,933,725	377,095	6,220	------	1,311,100	17,955	71,230	3,717,325	4,401,365
Eagle	1,593,464	378,709	2,115	1,120	295,190	18,540	73,595	2,362,733	2,636,831
Elbert	4,905,776	585,650	13,470	86,859	781,000	43,950	135,865	6,552,570	7,674,231
El Paso	4,530,710	641,140	17,350	32,790	1,764,830	41,500	78,950	7,107,270	8,937,870
Fremont	2,125,565	204,474	14,117	11,000	844,225	6,251	29,213	3,234,845	4,067,112
Garfield	3,320,980	806,440	22,445	------	569,205	56,985	305,710	5,081,765	5,928,325
Gilpin	84,920	11,269	------	4,295	23,657	------	2,095	126,236	137,174
Grand	1,188,653	293,075	955	3,215	291,510	64,499	37,285	1,879,192	2,105,950
Gunnison	1,768,430	637,855	1,050	6,120	486,190	11,735	57,790	2,969,170	3,324,015
Hinsdale	76,950	32,220	------	2,016	11,151	14,418	3,640	140,395	152,852
Huerfano	1,761,956	309,111	3,175	8,365	369,841	23,157	40,070	2,515,675	2,627,622

Jackson	1,064,030	533,390	200	8,340	189,080	16,720	39,240	1,851,000	2,177,280
Jefferson	4,206,965	299,675	30,565	20,050	5,294,700	13,720	95,840	9,961,515	11,361,415
Kiowa	5,034,687	268,455	6,175	35,790	190,215	3,366	30,600	5,569,288	6,805,950
Kit Carson	8,181,182	676,287	21,127	45,770	817,254	101,183	190,690	10,033,493	11,612,443
Lake	126,265	14,895	------	505	39,215	------	5,195	186,075	194,425
La Plata	2,438,490	333,040	14,165	1,020	605,420	2,940	57,575	3,452,650	3,970,325
Larimer	7,792,206	693,910	27,960	33,180	2,948,589	22,455	243,570	11,761,870	13,767,860
Las Animas	6,735,184	1,126,322	6,815	------	882,810	78,507	96,826	8,926,464	10,023,118
Lincoln	5,787,715	584,765	16,080	42,815	360,905	65,455	81,820	6,939,555	8,947,875
Logan	7,877,060	698,855	27,505	74,865	1,332,860	27,700	335,585	10,374,430	13,458,205
Mesa	5,684,472	921,435	23,090	------	1,429,443	9,243	174,635	8,242,318	9,912,620
Mineral	127,795	50,880	185	880	117,345	5,405	3,870	306,560	334,425
Moffat	2,169,175	596,415	3,755	19,755	320,295	35,610	62,710	3,207,715	3,625,135
Montezuma	1,841,655	368,525	13,910	49,360	374,370	19,930	70,920	2,738,670	2,959,715
Montrose	3,079,690	585,710	17,610	------	595,165	3,570	109,495	4,391,240	4,952,305
Morgan	6,073,260	556,550	19,220	62,690	1,051,720	17,280	280,890	8,061,610	9,658,700
Otero	5,350,965	455,290	28,280	22,590	2,639,605	162,565	186,405	8,845,700	9,861,450
Ouray	644,960	156,295	1,513	------	96,000	360	19,500	918,628	1,092,429
Park	1,343,700	342,905	------	6,910	492,630	18,805	82,910	2,287,860	2,606,150
Phillips	4,257,730	237,550	11,940	20,655	467,610	105,530	156,075	5,257,090	6,933,695
Pitkin	723,120	130,765	635	3,800	172,985	2,900	29,390	1,063,595	1,198,975
Prowers	6,315,790	534,601	26,714	32,670	929,160	33,640	164,984	8,037,559	9,847,850
Pueblo	5,821,501	407,969	13,397	17,300	8,265,200	65,900	94,560	14,685,827	19,448,350
Rio Blanco	1,782,135	672,385	1,595	------	378,010	8,885	55,940	2,898,950	3,419,860
Rio Grande	3,440,610	315,049	4,840	158,040	513,690	73,960	69,730	4,575,919	5,098,177
Routt	3,182,320	789,105	5,135	42,910	655,570	43,200	159,375	4,877,615	5,223,230
Saguache	2,541,287	548,274	3,413	42,824	353,859	34,265	45,039	3,568,961	4,217,119
San Juan	1,008	23,250	------	------	------	------	535	24,793	27,954
San Miguel	791,455	197,645	1,775	5,590	174,315	4,170	22,805	1,197,755	1,317,740
Sedgwick	3,474,995	212,301	6,464	33,990	608,620	7,740	116,420	4,460,530	5,513,100
Summit	259,992	66,990	160	------	42,255	450	7,595	377,442	422,277
Teller	425,960	109,635	725	------	99,630	11,710	16,085	663,745	688,400
Washington	6,935,674	703,975	21,330	30,575	535,482	5,927	142,485	8,375,448	9,397,967
Weld	24,580,330	1,671,440	53,840	83,810	6,303,470	68,820	609,350	33,371,060	36,462,590
Yuma	6,822,720	759,980	20,710	9,140	730,800	10,750	254,450	8,608,550	11,619,370
State	$220,385,628	$25,733,690	$664,621	$1,375,691	$62,374,071	$1,670,865	$6,207,518	$318,412,084	$375,780,249

"Farm Land" excludes valuation of suburban tracts and mountain home sites.
"Livestock" excludes valuation of cattle and sheep fed in transit.

ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1930, 1931, 1932 AND 1933

COUNTY	1933	1932	1931	1930	1920	1914
Adams	83,418	83,250	81,329	82,499	102,073	100,381
Alamosa	27,750	28,750	28,500	28,500	26,000	65,900
Arapahoe	16,891	17,929	18,709	18,694	33,180	38,625
Archuleta	9,923	9,996	10,479	10,479	11,826	8,918
Baca	-----	-----	2,750	2,950	9,000	-----
Bent	62,381	48,230	48,670	48,170	46,732	46,234
Boulder	79,476	79,995	81,955	79,127	86,407	98,325
Chaffee	21,608	24,767	24,569	25,062	20,045	19,037
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----
Conejos	86,480	86,480	86,480	86,480	87,300	97,656
Costilla	100,450	101,644	76,760	78,060	83,000	92,239
Crowley	43,715	44,324	42,072	40,007	54,050	45,336
Custer	5,587	5,655	5,632	5,968	11,965	7,083
Delta	53,883	60,837	53,420	56,034	64,849	56,123
Denver	-----	-----	5,855	5,928	7,519	7,724
Dolores	800	857	595	1,083	2,065	1,358
Douglas	5,609	5,943	6,205	6,414	7,715	7,075
Eagle	25,276	25,520	27,933	25,276	22,259	19,778
Elbert	-----	-----	-----	-----	330	220
El Paso	20,160	20,300	20,510	20,426	20,500	19,120
Fremont	13,778	14,457	14,492	14,975	20,633	15,337
Garfield	53,325	52,900	53,187	53,240	59,278	53,278
Gilpin	-----	-----	-----	-----	-----	-----
Grand	28,432	28,734	31,525	32,234	31,097	25,111
Gunnison	38,383	39,406	37,286	38,096	35,955	32,497
Hinsdale	2,168	2,159	2,365	2,489	2,233	1,445
Huerfano	3,939	12,348	12,415	12,897	21,802	19,037
Jackson	-----	-----	-----	-----	67,685	59,710
Jefferson	50,310	50,650	51,000	51,400	49,397	40,200
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	705	705	471	506	180	750
Lake	-----	-----	-----	-----	-----	-----
La Plata	40,217	39,558	42,394	51,708	57,881	44,995
Larimer	104,894	105,332	105,383	105,532	106,921	111,278
Las Animas	23,509	25,061	25,963	23,552	22,931	23,876
Lincoln	-----	-----	-----	-----	-----	-----
Logan	74,080	74,080	72,681	70,481	59,472	63,344
Mesa	80,078	43,790	44,880	93,653	89,452	82,589
Mineral	1,767	1,750	1,712	1,707	370	1,309
Moffat	10,912	11,229	11,308	11,420	16,247	15,163
Montezuma	36,222	36,458	36,311	36,850	37,077	38,660
Montrose	63,000	63,443	63,573	64,557	79,240	73,129
Morgan	80,606	81,089	81,092	81,062	76,269	74,580
Otero	67,148	74,988	75,733	78,464	79,015	70,201
Ouray	9,550	9,580	9,620	9,625	11,655	10,143
Park	-----	-----	-----	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	-----
Pitkin	14,383	15,021	16,248	17,088	15,407	14,081
Prowers	91,332	91,871	92,880	93,702	89,851	96,585
Pueblo	39,168	39,249	40,170	40,258	40,788	47,641
Rio Blanco	20,934	21,665	21,824	21,824	22,990	19,973
Rio Grande	74,550	65,744	66,016	63,908	42,721	80,861
Routt	40,025	41,526	41,583	41,873	47,864	36,159
Saguache	45,279	37,640	37,640	37,640	37,480	26,496
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	7,254	7,191	7,118	7,180	9,390	6,631
Sedgwick	19,228	19,739	19,529	19,825	20,054	20,396
Summit	6,250	6,400	6,210	6,770	6,225	4,970
Teller	-----	-----	-----	-----	-----	-----
Washington	7,690	7,615	7,641	7,648	6,682	7,050
Weld	347,909	345,377	347,512	346,795	343,808	283,058
Yuma	2,572	2,557	2,658	3,678	3,550	4,332
State	2,143,004	2,113,789	2,102,843	2,163,794	2,308,415	2,236,000

ACREAGE OF DRY FARMING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1930, 1931, 1932 AND 1933

COUNTY	1933	1932	1931	1930	1920	1914
Adams	523,950	524,392	515,634	509,427	442,385	135,930
Alamosa	138,700	138,850	115,800	115,500	102,000	------
Arapahoe	392,391	412,039	412,711	411,717	375,440	42,760
Archuleta	9,756	10,644	10,157	10,157	10,876	3,938
Baca	972,340	972,904	974,540	968,045	1,080,212	------
Bent	42,721	57,486	57,131	59,237	6,435	------
Boulder	28,255	29,493	29,505	22,375	22,838	------
Chaffee	-----	-----	-----	-----	------	------
Cheyenne	608,686	834,959	838,967	840,946	1,044,149	------
Clear Creek	-----	-----	-----	-----	------	------
Conejos	-----	-----	-----	-----	------	------
Costilla	-----	324	6,264	10,500	1,000	------
Crowley	12,125	12,373	9,947	9,409	2,351	1,751
Custer	7,857	7,184	6,805	5,718	12,101	------
Delta	22,021	21,975	21,736	21,945	38,075	------
Denver	-----	-----	-----	-----	------	------
Dolores	24,968	20,977	20,213	73,352	14,292	------
Douglas	57,145	58,534	66,548	89,807	89,217	23,666
Eagle	1,446	1,389	1,213	1,065	------	------
Elbert	319,085	341,803	344,102	347,495	407,190	65,512
El Paso	215,820	216,230	216,420	216,890	213,520	193,150
Fremont	41,313	42,810	48,177	42,666	21,366	17,510
Garfield	34,743	28,853	28,002	29,036	32,961	39,602
Gilpin	-----	-----	-----	----	------	------
Grand	-----	-----	-----	-----	------	------
Gunnison	-----	-----	-----	297	------	------
Hinsdale	360	360	360	-----	------	------
Huerfano	19,237	20,645	22,408	22,190	5,012	------
Jackson	62	72	72	102	------	------
Jefferson	29,222	28,935	28,805	28,700	29,029	30,970
Kiowa	764,618	837,039	746,232	758,754	------	------
Kit Carson	953,632	983,399	1,004,884	1,012,673	1,033,286	59,947
Lake	-----	-----	-----	-----	------	------
La Plata	27,038	26,774	28,529	20,301	15,289	6,045
Larimer	22,600	23,050	24,050	24,000	22,520	20,004
Las Animas	76,518	76,337	68,930	61,659	27,293	12,507
Lincoln	906,190	909,368	903,406	911,351	914,318	------
Logan	568,440	568,000	568,000	570,000	584,019	252,429
Mesa	11,515	51,668	49,434	-----	------	------
Mineral	-----	-----	-----	-----	------	------
Moffat	34,310	32,346	34,434	35,237	79,808	4,936
Montezuma	40,552	40,336	44,294	42,383	28,468	30,413
Montrose	22,000	23,772	23,500	23,690	37,621	25,261
Morgan	249,691	246,425	246,680	244,460	236,392	41,578
Otero	14,364	9,305	10,140	10,612	20,316	19,550
Ouray	3,350	3,350	3,400	3,510	2,986	1,778
Park	5,054	5,577	5,184	5,460	6,021	3,483
Phillips	361,530	373,657	376,384	373,650	366,420	426,161
Pitkin	698	129	170	140	480	480
Prowers	151,748	629,636	631,325	639,367	5,090	------
Pueblo	84,200	89,270	80,340	81,960	72,942	62,485
Rio Blanco	18,390	18,452	20,929	20,929	18,684	5,076
Rio Grande	-----	-----	-----	-----	28,400	------
Routt	49,774	51,663	51,893	52,866	42,015	22,376
Saguache	-----	-----	-----	-----	------	------
San Juan	-----	-----	-----	-----	------	------
San Miguel	7,244	7,013	6,959	6,419	7,452	4,500
Sedgwick	187,994	187,648	187,842	188,752	179,121	177,345
Summit	-----	-----	-----	-----	------	------
Teller	18,780	18,502	21,142	22,224	18,281	6,749
Washington	1,118,362	1,113,413	1,144,171	1,137,091	1,215,046	859,538
Weld	755,432	742,837	751,398	747,340	806,842	62,564
Yuma	656,133	663,517	669,612	685,119	620,238	617,925
State	10,612,360	11,515,714	11,478,779	11,516,523	10,339,797	3,277,919

ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1920	1914
Adams	124,541	123,674	119,994	96,220	192,665	355,512
Alamosa	181,490	109,097	117,285	134,644	142,800	218,392
Arapahoe	92,441	72,793	69,942	67,091	81,930	331,884
Archuleta	276,381	274,442	222,369	215,369	234,439	226,948
Baca	564,177	558,710	556,255	562,425	48,684	474,067
Bent	672,673	669,594	669,471	675,362	393,620	137,772
Boulder	132,027	131,598	130,190	156,732	139,641	133,820
Chaffee	82,754	76,336	76,746	74,892	63,318	61,359
Cheyenne	456,793	240,533	235,571	219,599	------	821,560
Clear Creek	19,412	32,374	37,543	32,897	33,857	30,828
Conejos	161,576	161,576	161,576	160,986	128,904	91,054
Costilla	477,920	531,627	219,235	60,000	130,000	674,084
Crowley	372,058	372,819	374,486	375,382	250,603	75,500
Custer	240,006	238,603	237,526	234,036	116,339	101,572
Delta	52,502	54,231	58,673	61,258	104,940	127,328
Denver	-----	-----	------	------	------	------
Dolores	180,622	189,300	182,579	117,352	20,678	8,237
Douglas	307,103	306,377	299,944	277,923	273,199	338,854
Eagle	140,595	137,989	130,623	121,973	76,135	62,290
Elbert	754,105	729,230	725,666	722,228	615,324	843,349
El Paso	748,141	745,422	745,040	744,620	715,708	542,483
Fremont	326,803	317,524	302,533	311,124	168,838	135,289
Garfield	261,325	256,389	259,016	244,065	165,985	104,888
Gilpin	30,830	28,805	29,133	28,502	18,091	16,754
Grand	247,045	245,362	234,368	232,875	141,172	107,020
Gunnison	317,532	299,153	293,655	285,052	115,972	82,036
Hinsdale	19,270	18,461	18,265	17,253	12,526	9,882
Huerfano	623,663	646,411	630,702	618,945	340,125	291,720
Jackson	252,233	251,261	246,764	237,271	146,359	122,151
Jefferson	265,099	259,937	256,847	254,322	243,917	224,048
Kiowa	285,910	287,884	290,001	287,815	960,670	607,114
Kit Carson	349,380	318,610	297,513	290,251	228,829	998,347
Lake	24,107	23,858	23,877	23,877	27,011	26,652
La Plata	364,176	367,548	359,317	360,051	255,585	186,040
Larimer	616,054	612,340	612,622	610,855	521,332	469,678
Las Animas	2,600,219	2,533,209	2,483,709	2,484,593	1,024,029	716,102
Lincoln	590,700	586,741	581,492	581,742	491,790	993,743
Logan	333,000	333,000	333,440	333,440	309,715	329,042
Mesa	397,067	389,433	382,855	380,639	240,762	183,083
Mineral	17,181	16,246	16,211	15,798	17,296	20,891
Moffat	971,603	967,102	946,011	928,300	133,655	100,246
Montezuma	235,869	232,529	232,037	231,233	143,551	84,736
Montrose	203,618	205,820	206,152	213,885	175,089	121,579
Morgan	412,935	414,837	414,635	416,176	318,919	179,079
Otero	541,266	543,153	542,535	539,351	221,636	126,795
Ouray	130,330	130,170	129,430	129,276	118,137	64,273
Park	448,059	443,222	439,601	437,100	186,171	173,917
Phillips	46,168	33,996	31,593	34,968	29,360	-----
Pitkin	55,989	55,936	53,763	52,919	42,191	36,988
Prowers	716,002	237,014	230,275	228,014	712,576	322,898
Pueblo	1,055,946	1,052,175	1,042,823	1,037,930	749,407	559,892
Rio Blanco	336,547	333,775	310,678	310,678	151,782	99,872
Rio Grande	124,640	127,530	130,596	126,779	105,294	87,613
Routt	535,925	482,030	469,375	462,095	255,707	188,763
Saguache	461,103	266,025	266,025	266,025	367,643	226,221
San Juan	200	200	200	200	200	200
San Miguel	220,064	215,892	216,550	215,453	108,427	69,054
Sedgwick	91,193	92,674	92,788	91,450	93,008	73,794
Summit	39,930	34,390	33,570	31,305	22,720	16,922
Teller	128,000	127,626	127,179	125,431	91,867	88,437
Washington	352,555	357,615	330,227	337,168	171,281	------
Weld	1,161,553	1,175,145	1,167,794	1,166,047	1,011,289	1,192,886
Yuma	783,777	776,077	763,984	745,316	668,467	285,540
State	23,012,183	21,853,430	21,200,855	20,836,558	15,071,165	15,381,078

ACREAGE OF NATURAL HAY LAND AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	6,967	7,671	17,232	10,259	7,843	9,460	-----	-----
Alamosa	37,500	37,500	37,500	37,500	37,300	37,300	37,000	12,368
Arapahoe	-----	-----	-----	-----	-----	-----	-----	-----
Archuleta	541	565	570	570	515	465	-----	-----
Baca	-----	-----	-----	-----	-----	-----	-----	-----
Bent	-----	-----	-----	-----	-----	-----	-----	-----
Boulder	19,136	18,206	18,110	-----	-----	-----	2,904	-----
Chaffee	-----	-----	-----	-----	-----	-----	-----	-----
Cheyenne	-----	-----	-----	-----	-----	-----	-----	-----
Clear Creek	492	-----	-----	-----	-----	-----	-----	-----
Conejos	9,920	9,920	9,920	9,920	9,920	9,920	9,400	10,000
Costilla	11,513	13,217	20,996	5,600	5,600	5,600	5,200	5,300
Crowley	-----	-----	-----	-----	-----	-----	-----	-----
Custer	11,514	11,856	11,877	11,596	11,647	12,427	-----	9,306
Delta	-----	-----	-----	-----	-----	-----	-----	-----
Denver	-----	-----	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----	-----	142
Douglas	7,763	7,691	7,648	5,853	5,730	5,816	5,453	3,388
Eagle	-----	-----	-----	-----	-----	-----	-----	-----
Elbert	11,611	11,666	11,808	11,756	11,501	11,466	11,587	6,454
El Paso	1,900	1,910	1,910	1,910	1,910	1,910	1,910	1,240
Fremont	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,910
Garfield	-----	-----	-----	-----	-----	-----	-----	-----
Gilpin	-----	-----	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison	-----	-----	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano	10,827	2,668	3,305	3,499	2,159	2,139	-----	-----
Jackson	69,183	69,341	69,191	69,361	69,536	70,380	-----	-----
Jefferson	-----	-----	-----	-----	-----	-----	-----	-----
Kiowa	-----	-----	-----	-----	-----	-----	-----	-----
Kit Carson	2,883	3,915	3,576	3,701	3,602	3,677	3,666	600
Lake	4,821	4,836	4,836	5,089	4,450	-----	-----	-----
La Plata	-----	-----	-----	-----	-----	-----	-----	-----
Larimer	14,800	15,150	15,350	15,400	15,400	15,400	15,400	15,025
Las Animas	4,802	5,798	6,071	6,445	5,943	2,795	4,016	3,436
Lincoln	2,932	2,977	3,090	3,102	3,117	3,145	3,310	-----
Logan	16,080	16,000	16,080	15,000	15,000	15,000	13,424	-----
Mesa	-----	-----	-----	-----	-----	1,856	-----	-----
Mineral	2,358	2,392	2,387	2,657	2,727	2,747	2,885	1,400
Moffat	3,730	3,587	3,620	3,720	3,039	3,559	-----	-----
Montezuma	-----	-----	-----	-----	-----	-----	-----	-----
Montrose	-----	-----	-----	-----	-----	-----	-----	-----
Morgan	2,200	2,200	2,200	2,200	2,200	2,220	2,700	4,064
Otero	-----	-----	-----	-----	-----	-----	-----	-----
Ouray	2,400	2,340	2,340	2,228	2,128	2,128	1,424	-----
Park	21,430	21,898	22,700	23,180	23,446	23,420	22,662	21,311
Phillips	-----	-----	-----	-----	-----	-----	-----	-----
Pitkin	-----	-----	-----	-----	-----	-----	-----	-----
Prowers	1,449	2,186	2,650	3,440	5,571	2,104	3,647	5,973
Pueblo	-----	-----	-----	-----	-----	-----	-----	-----
Rio Blanco	3,259	2,309	1,910	1,910	2,047	1,940	1,010	3,599
Rio Grande	22,540	26,870	25,541	29,557	27,418	16,639	8,870	-----
Routt	-----	-----	-----	-----	-----	-----	-----	90
Saguache	48,699	49,000	49,000	49,000	49,000	49,000	48,750	71,124
San Juan	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----	-----	-----
Sedgwick	5,748	5,716	5,774	5,750	5,437	5,557	5,469	5,165
Summit	-----	-----	-----	-----	-----	-----	-----	-----
Teller	1,898	1,847	2,042	2,036	2,099	2,407	2,322	1,580
Washington	-----	-----	-----	-----	-----	-----	-----	1,755
Weld	6,554	6,839	6,254	6,673	6,415	6,755	9,631	5,635
Yuma	4,402	4,558	4,739	4,780	3,952	2,558	4,490	-----
State	373,052	373,829	391,427	355,192	347,852	330,990	228,330	190,865

ACREAGE OF IMPROVED FRUIT LAND AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932 AND 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	-----	-----	-----	-----	-----	-----	-----	-----
Alamosa	-----	-----	-----	-----	-----	-----	-----	-----
Arapahoe	-----	-----	-----	-----	-----	-----	-----	-----
Archuleta	-----	-----	-----	-----	-----	-----	-----	-----
Baca	-----	-----	-----	-----	-----	-----	-----	-----
Bent	-----	-----	-----	-----	-----	-----	-----	-----
Boulder	-----	-----	-----	-----	-----	-----	-----	-----
Chaffee	-----	-----	-----	-----	-----	-----	-----	150
Cheyenne	-----	-----	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	----	-----	-----	-----	-----	-----
Conejos	-----	-----	-----	-----	-----	-----	-----	-----
Costilla	-----	-----	-----	-----	-----	-----	-----	-----
Crowley	83	125	113	123	192	223	535	540
Custer	-----	-----	-----	-----	-----	-----	-----	-----
Delta	7,169	7,740	8,211	7,458	7,708	8,589	10,303	4,630
Denver	-----	-----	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----	-----	-----
Douglas	-----	-----	-----	-----	-----	-----	-----	-----
Eagle	-----	-----	-----	-----	-----	-----	-----	-----
Elbert	-----	-----	-----	-----	-----	-----	-----	-----
El Paso	150	170	170	170	170	174	320	380
Fremont	1,891	1,932	2,039	2,051	1,927	1,980	2,371	2,803
Garfield	850	701	747	798	765	781	898	1,509
Gilpin	-----	-----	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison	-----	-----	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano	31	31	37	36	40	59	20	-----
Jackson	-----	-----	-----	-----	-----	-----	-----	-----
Jefferson	-----	-----	-----	-----	-----	-----	-----	-----
Kiowa	-----	-----	-----	-----	-----	-----	-----	-----
Kit Carson	-----	-----	-----	-----	-----	-----	-----	-----
Lake	-----	-----	-----	-----	-----	-----	-----	-----
La Plata	70	80	99	120	150	889	88	83
Larimer	1,050	1,104	1,084	1,004	486	486	-----	2,011
Las Animas	-----	-----	-----	-----	-----	-----	-----	-----
Lincoln	-----	-----	-----	-----	-----	-----	-----	-----
Logan	-----	-----	-----	-----	-----	-----	-----	-----
Mesa	6,252	6,534	6,249	6,215	6,939	4,967	8,070	7,024
Mineral	-----	-----	-----	-----	-----	-----	-----	-----
Moffat	-----	-----	-----	-----	-----	-----	-----	-----
Montezuma	684	924	667	700	722	812	806	1,017
Montrose	800	851	1,008	1,102	1,200	1,083	1,743	1,450
Morgan	-----	-----	-----	-----	-----	-----	-----	-----
Otero	327	334	369	437	472	472	1,051	1,553
Ouray	-----	-----	-----	-----	-----	-----	-----	-----
Park	-----	-----	-----	-----	-----	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	-----	-----	-----
Pitkin	-----	-----	-----	-----	-----	-----	-----	45
Prowers	-----	-----	-----	-----	-----	-----	-----	-----
Pueblo	-----	-----	-----	-----	-----	-----	5,910	-----
Rio Blanco	-----	-----	-----	-----	-----	-----	-----	-----
Rio Grande	-----	-----	-----	-----	-----	-----	-----	-----
Routt	-----	-----	-----	-----	-----	-----	33	305
Saguache	-----	-----	-----	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----	-----	-----
Sedgwick	-----	-----	-----	-----	-----	-----	-----	-----
Summit	-----	-----	-----	-----	-----	-----	-----	-----
Teller	-----	-----	-----	-----	-----	-----	-----	-----
Washington	-----	-----	-----	-----	-----	-----	-----	-----
Weld	-----	-----	-----	-----	-----	-----	-----	-----
Yuma	-----	-----	-----	-----	-----	-----	-----	-----
State	19,357	20,526	20,793	20,214	20,771	20,515	32,148	23,500

ASSESSED VALUE OF ALL FARM LAND* IN COLORADO AS RETURNED BY COUNTY ASSESSORS FOR 1915, 1920, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1920	1915
Adams	$ 8,934,310	$ 10,324,750	$11,422,100	$14,240,100	$ 17,346,280	$ 11,731,350
Alamosa	2,791,905	3,243,896	3,324,278	4,178,428	4,509,139	2,275,990
Arapahoe	3,996,410	4,753,705	5,262,665	6,597,630	9,915,770	6,473,900
Archuleta	905,240	997,420	992,987	1,201,821	1,382,773	907,132
Baca	5,764,417	6,413,330	6,421,754	8,023,385	6,233,251	1,689,437
Bent	3,823,337	4,863,680	4,920,305	6,090,800	7,206,575	3,942,210
Boulder	5,906,870	7,116,900	8,179,480	10,278,710	11,971,220	8,726,800
Chaffee	992,430	1,098,375	1,120,510	1,363,195	1,428,500	1,275,335
Cheyenne	4,437,095	6,282,020	6,295,815	7,877,170	13,228,595	4,442,677
Clear Creek	103,968	309,990	329,820	334,405	309,815	107,510
Conejos	3,143,775	3,496,135	3,496,135	4,394,140	4,532,364	4,240,655
Costilla	1,885,269	2,495,055	2,460,935	2,670,950	2,966,242	3,150,750
Crowley	2,473,560	3,064,830	4,061,100	4,946,033	6,108,970	4,669,539
Custer	1,523,094	1,154,614	1,147,552	1,440,525	1,223,170	1,088,200
Delta	2,979,965	4,018,750	4,030,780	5,043,125	8,152,925	6,721,485
Denver	------	------	3,442,950	3,714,910	3,617,390	3,858,530
Dolores	516,771	566,205	613,485	811,653	277,415	71,848
Douglas	1,933,725	2,306,945	2,617,965	3,281,495	4,179,510	2,628,305
Eagle	1,593,464	1,784,430	1,761,982	2,176,172	1,873,775	1,602,427
Elbert	4,905,776	5,769,840	6,800,490	8,513,870	11,706,966	5,551,416
El Paso	4,530,710	5,929,440	6,047,730	7,554,450	11,096,370	6,124,770
Fremont	2,125,565	2,718,969	2,799,002	3,494,180	3,254,630	3,215,976
Garfield	3,320,980	3,706,985	4,146,060	5,148,460	5,232,570	4,883,820
Gilpin	84,920	88,869	70,752	87,618	54,273	47,808
Grand	1,188,653	1,381,000	1,466,440	1,853,890	1,599,980	1,102,450
Gunnison	1,768,430	1,965,005	1,968,040	2,459,059	2,160,525	2,014,878
Hinsdale	76,950	83,702	93,690	120,679	79,425	38,083
Huerfano	1,761,956	1,923,800	2,030,149	2,466,652	2,231,420	1,699,296
Jackson	1,064,030	1,234,430	1,230,270	1,541,700	2,727,695	1,468,864
Jefferson	4,206,965	5,170,230	5,748,025	7,562,040	10,013,595	8,069,735
Kiowa	5,034,687	6,209,820	6,396,240	7,988,890	10,179,094	3,413,286
Kit Carson	8,181,182	9,389,445	9,575,480	12,248,283	20,453,265	5,679,205
Lake	126,265	138,830	140,130	174,230	193,530	172,825
La Plata	2,438,490	2,815,425	3,038,975	3,795,810	3,927,655	3,298,920
Larimer	7,792,206	9,238,280	10,397,250	12,818,790	16,959,870	11,923,983
Las Animas	6,735,184	7,643,422	7,508,769	9,374,230	6,835,416	5,017,713
Lincoln	5,787,715	7,620,050	8,474,265	10,598,070	16,343,285	5,315,710
Logan	7,877,060	10,432,255	11,747,940	14,684,910	22,884,010	7,885,974
Mesa	5,684,472	7,081,210	7,407,874	9,290,110	9,979,585	10,159,695
Mineral	127,795	137,450	139,495	175,110	162,875	138,635
Moffat	2,169,175	2,603,690	2,656,167	3,320,210	2,424,190	1,198,940
Montezuma	1,841,655	2,040,395	2,131,285	2,689,065	2,310,452	1,951,590
Montrose	3,079,690	3,477,895	3,525,385	4,429,575	7,298,220	5,872,205
Morgan	6,073,260	7,492,380	8,319,790	10,409,740	12,371,500	5,313,540
Otero	5,350,965	6,125,725	6,668,190	8,566,595	11,136,010	8,733,185
Ouray	644,960	782,450	793,234	994,893	1,320,604	724,900
Park	1,343,700	1,531,295	1,754,600	2,170,700	1,570,285	1,381,540
Phillips	4,257,730	5,865,685	7,817,340	9,767,105	11,735,765	3,776,655
Pitkin	723,120	809,530	825,380	1,049,895	1,038,980	934,290
Prowers	6,315,790	7,899,580	7,884,580	9,880,170	11,796,415	7,483,880
Pueblo	5,821,501	6,776,590	7,165,250	8,975,125	9,169,292	7,739,328
Rio Blanco	1,782,135	2,130,160	2,080,960	2,601,200	2,707,495	2,107,221
Rio Grande	3,440,610	3,837,895	3,845,415	5,002,467	5,344,250	3,577,850
Routt	3,182,320	3,310,220	3,536,960	4,430,550	4,682,835	3,009,790
Saguache	2,541,287	3,101,561	3,207,790	3,986,452	4,726,651	4,473,019
San Juan	1,008	1,120	1,120	1,280	1,280	1,280
San Miguel	791,455	871,760	879,710	1,087,810	1,094,880	735,710
Sedgwick	3,474,995	4,413,270	4,906,960	6,107,975	7,047,526	3,009,920
Summit	259,992	282,370	287,165	354,345	303,300	188,232
Teller	425,960	450,340	438,790	521,770	420,900	275,100
Washington	6,935,674	7,758,833	7,796,021	9,754,564	24,176,680	6,306,191
Weld	24,580,330	29,357,940	32,751,570	40,962,382	56,135,660	32,081,740
Yuma	6,822,720	9,505,900	12,637,610	15,830,760	17,065,095	4,990,032
State	$220,385,628	$265,396,071	$291,040,936	$363,520,306	$460,417,978	$262,693,260

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

AVERAGE VALUE OF IRRIGATED LAND PER ACRE AS RETURNED ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	$ 53.71	$ 63.68	$ 72.32	$ 90.41	$ 92.58	$ 92.55	$ 92.94	$ 77.78
Alamosa	25.00	28.00	30.00	35.00	40.00	40.00	48.00	13.44
Arapahoe	66.96	77.78	89.68	111.15	142.50	140.80	126.09	99.52
Archuleta	27.45	30.58	32.57	40.47	40.46	41.70	41.35	24.74
Baca	----	----	10.00	12.50	12.50	12.50	25.00	----
Bent	39.52	63.74	63.90	77.21	78.94	79.32	110.96	65.04
Boulder	58.46	70.18	79.27	103.13	103.63	108.53	113.09	71.42
Chaffee	35.12	33.85	35.32	44.08	47.28	49.78	56.93	52.31
Cheyenne	----	----	----	----	----	----	----	----
Clear Creek	----	----	----	----	----	----	----	----
Conejos	32.19	35.78	35.78	45.00	44.97	44.97	45.00	36.22
Costilla	14.46	18.81	24.08	29.15	29.37	29.10	30.00	21.69
Crowley	36.13	45.73	67.27	85.39	90.11	90.36	89.32	87.77
Custer	26.47	32.00	31.94	30.07	30.08	30.00	40.00	34.16
Delta	45.08	46.17	52.35	64.25	67.04	66.50	89.09	76.00
Denver	----	----	588.04	626.67	708.92	645.00	481.10	481.77
Dolores	7.64	9.95	12.04	17.36	20.00	20.00	20.00	18.00
Douglas	53.29	58.67	61.57	75.16	75.64	81.47	79.03	45.70
Eagle	46.23	51.62	47.12	65.08	64.80	64.46	69.89	71.33
Elbert	----	----	----	----	----	----	46.06	40.00
El Paso	52.67	60.00	60.00	75.00	75.00	75.00	75.00	78.00
Fremont	52.44	62.46	64.28	77.62	80.56	83.36	66.94	76.68
Garfield	45.19	50.77	56.52	70.54	70.14	70.52	70.73	71.70
Gilpin	----	----	----	----	----	----	----	----
Grand	24.89	28.35	27.91	34.81	34.93	34.41	35.67	20.00
Gunnison	26.32	31.20	33.34	41.54	42.55	41.70	46.76	34.07
Hinsdale	18.00	20.00	20.59	24.44	17.00	15.00	14.00	10.94
Huerfano	28.86	33.40	33.46	42.89	43.58	60.62	38.20	31.94
Jackson	----	----	----	----	----	----	29.77	15.00
Jefferson	57.49	70.70	78.56	103.10	98.71	113.63	148.00	150.32
Kiowa	----	----	----	----	----	----	----	----
Kit Carson	24.31	27.01	25.60	31.99	30.46	40.00	75.00	20.00
Lake	----	----	----	----	----	----	----	----
La Plata	31.93	37.74	38.29	42.66	42.22	42.65	45.95	49.40
Larimer	56.10	69.00	77.01	94.50	94.56	104.50	131.00	72.06
Las Animas	34.56	40.02	39.40	52.51	51.91	50.44	59.00	48.22
Lincoln	----	----	----	----	----	----	----	----
Logan	41.40	52.02	55.30	71.28	71.00	71.80	82.79	45.65
Mesa	46.98	77.14	78.38	68.54	68.17	71.78	77.93	94.53
Mineral	10.17	11.25	11.46	14.24	13.85	13.63	11.35	17.78
Moffat	25.55	30.07	30.16	36.21	37.23	37.22	49.54	37.55
Montezuma	25.05	27.55	27.72	35.18	34.86	36.26	37.70	37.00
Montrose	35.03	38.92	39.35	48.93	48.42	48.52	71.51	55.08
Morgan	45.63	56.40	62.60	78.35	78.35	79.55	93.02	49.54
Otero	62.64	63.52	69.93	87.19	92.52	94.11	122.48	100.47
Ouray	31.61	38.61	39.54	49.51	50.63	51.13	68.29	40.15
Park	----	----	----	----	----	----	----	----
Phillips	----	----	----	----	----	----	----	----
Pitkin	40.82	44.21	42.20	51.33	48.17	48.00	58.08	53.97
Prowers	41.91	52.10	51.19	63.67	67.87	64.98	86.78	59.75
Pueblo	68.85	76.80	75.80	94.72	96.10	98.45	98.82	102.49
Rio Blanco	40.08	47.50	47.00	59.64	60.00	62.40	67.45	64.95
Rio Grande	38.00	46.17	48.55	64.00	59.77	51.74	87.40	39.18
Routt	29.24	35.98	36.02	45.03	49.50	49.97	41.58	38.01
Saguache	27.00	35.00	35.20	44.00	44.00	44.00	39.53	42.00
San Juan	----	----	----	----	----	----	----	----
San Miguel	24.51	27.48	28.70	35.65	36.50	38.36	40.00	34.50
Sedgwick	49.17	57.12	64.42	76.16	76.08	72.26	63.61	43.06
Summit	25.42	28.00	29.34	35.00	35.00	36.49	35.00	24.92
Teller	----	----	----	----	----	----	----	----
Washington	43.78	49.78	49.90	60.58	63.82	61.10	117.94	70.00
Weld	49.13	59.96	66.65	85.18	86.05	87.21	110.64	72.20
Yuma	21.54	28.42	37.13	38.70	42.26	40.28	61.00	22.21
State	$ 42.80	$ 51.28	$ 57.39	$ 70.92	$ 72.52	$ 73.96	$ 83.52	$ 62.11

AVERAGE VALUE OF DRY FARMING LAND PER ACRE AS RETURNED ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	$ 7.20	$ 8.10	$ 8.73	$ 11.17	$ 11.49	$ 11.13	$ 13.76	$ 15.67
Alamosa	7.00	9.00	11.00	15.00	15.00	15.00	15.00	----
Arapahoe	6.48	7.61	8.09	10.20	9.99	9.96	13.56	12.74
Archuleta	7.52	7.33	8.26	10.33	9.87	10.12	10.21	7.44
Baca	4.50	5.02	5.00	6.25	6.25	6.25	5.42	----
Bent	4.03	4.28	4.36	7.16	11.30	16.39	15.00	----
Boulder	17.16	20.38	23.59	33.60	33.29	34.68	36.05	----
Chaffee	----	----	----	----	----	----	----	----
Cheyenne	5.06	6.62	6.61	8.29	8.26	10.38	12.67	----
Clear Creek	----	----	----	----	----	----	----	----
Conejos	----	----	----	----	----	----	----	----
Costilla	----	5.05	2.61	3.00	3.00	3.00	10.00	----
Crowley	4.62	5.50	6.59	8.98	9.16	9.11	20.53	18.93
Custer	10.53	9.47	9.59	14.83	13.05	14.41	20.88	----
Delta	10.66	13.12	14.01	16.63	17.05	17.61	24.74	----
Denver	----	----	----	----	----	----	----	----
Dolores	5.40	6.21	6.75	6.46	9.51	10.21	10.01	----
Douglas	9.37	11.50	12.78	15.90	15.96	17.59	18.09	10.22
Eagle	21.83	23.55	24.42	30.65	32.98	----	----	----
Elbert	7.57	8.59	9.51	11.84	14.44	14.46	16.54	6.01
El Paso	7.22	9.25	9.39	11.74	12.28	15.41	13.96	12.00
Fremont	5.61	7.02	6.34	8.94	9.24	10.38	8.74	9.46
Garfield	10.38	14.12	16.88	19.90	19.63	19.98	15.89	17.22
Gilpin	----	----	----	----	----	----	----	----
Grand	----	----	----	----	----	----	----	----
Gunnison	----	----	----	15.61	15.60	----	----	----
Hinsdale	9.00	10.00	10.00	----	----	10.00	----	----
Huerfano	5.07	6.14	5.99	7.20	7.13	7.61	7.00	----
Jackson	4.50	8.06	8.05	10.00	----	----	----	----
Jefferson	12.82	14.50	16.10	21.69	21.74	23.21	33.00	25.00
Kiowa	5.53	6.17	7.21	8.85	9.34	9.92	----	----
Kit Carson	7.74	8.68	8.76	11.12	11.44	13.69	17.78	4.00
Lake	----	----	----	----	----	----	----	----
La Plata	11.08	12.69	12.77	15.33	15.15	15.90	16.83	18.28
Larimer	8.95	12.26	13.62	17.50	17.50	19.00	24.96	13.83
Las Animas	5.90	8.04	8.00	10.00	10.13	10.00	20.00	16.38
Lincoln	4.86	6.35	7.04	8.67	10.43	10.72	13.11	----
Logan	6.89	9.47	11.49	14.31	14.76	15.00	26.01	9.92
Mesa	12.00	28.56	31.29	----	----	----	----	----
Mineral	----	----	----	----	----	----	----	----
Moffat	6.65	8.16	8.91	10.48	10.18	10.56	12.04	15.40
Montezuma	9.58	10.59	11.63	14.95	15.00	18.30	15.04	17.00
Montrose	10.64	12.88	12.70	15.42	16.27	18.01	18.07	15.14
Morgan	5.68	6.93	7.72	9.70	10.71	10.73	13.84	14.47
Otero	5.96	10.13	10.91	12.24	12.55	10.62	15.82	14.48
Ouray	7.65	8.50	8.50	10.00	10.00	10.00	12.50	16.23
Park	10.89	12.12	12.00	15.00	15.00	15.00	15.00	15.00
Phillips	11.54	15.44	20.53	25.83	23.96	25.97	31.30	7.49
Pitkin	8.81	8.92	8.00	10.00	20.00	20.00	22.92	24.00
Prowers	3.71	4.15	4.12	5.10	5.18	5.73	26.65	----
Pueblo	12.15	12.35	12.35	15.43	16.64	16.05	16.81	15.56
Rio Blanco	9.26	12.61	11.00	14.62	15.74	16.91	22.43	27.63
Rio Grande	----	----	----	----	----	----	24.00	----
Routt	9.70	12.07	15.93	19.92	20.23	20.13	27.22	19.90
Saguache	----	----	----	----	----	----	----	----
San Juan	----	----	----	----	----	----	----	----
San Miguel	11.78	13.26	13.81	18.07	19.12	17.69	24.00	21.00
Sedgwick	11.82	15.50	17.18	21.55	21.72	21.72	29.16	8.00
Summit	----	----	----	----	----	----	----	----
Teller	7.81	8.34	8.00	9.73	10.01	10.01	10.18	10.00
Washington	5.10	5.72	5.66	7.06	8.01	9.37	17.86	6.74
Weld	6.90	8.08	8.92	10.35	10.39	10.56	13.75	11.05
Yuma	8.27	11.49	15.30	18.35	19.36	19.44	21.00	6.12
State	$ 6.61	$ 7.94	$ 8.81	$ 10.84	$ 11.38	$ 12.09	$ 16.16	$ 8.91

AVERAGE VALUE OF GRAZING LAND PER ACRE AS RETURNED ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	$ 4.63	$ 5.23	$ 6.09	$ 6.91	$ 7.44	$ 7.00	$ 9.20	$ 5.33
Alamosa	1.87	2.31	2.20	2.40	2.34	2.81	4.35	5.08
Arapahoe	3.48	3.09	3.52	4.75	5.04	5.05	8.10	4.91
Archuleta	1.94	2.15	2.45	3.00	2.74	2.57	3.42	2.41
Baca	2.44	2.74	2.73	3.45	3.45	3.46	3.25	3.12
Bent	1.75	2.29	2.29	2.87	2.99	4.04	5.05	6.81
Boulder	3.72	4.30	4.71	8.46	8.58	8.70	9.49	10.37
Chaffee	2.82	3.40	3.29	3.52	3.42	3.63	4.53	4.05
Cheyenne	2.92	3.12	3.20	4.01	3.90	3.90	----	5.00
Clear Creek	5.05	9.58	8.79	10.17	10.40	10.23	9.15	4.04
Conejos	1.35	1.50	1.50	1.89	1.84	1.87	3.07	5.00
Costilla	.67	.85	1.55	3.00	3.00	.90	3.00	1.80
Crowley	2.24	2.58	3.12	3.82	4.26	4.53	4.66	9.74
Custer	2.13	2.38	2.38	3.04	3.07	3.33	4.23	4.45
Delta	3.26	3.59	3.39	4.09	4.41	4.41	3.09	11.65
Denver	----	----	----	----	----	----	----	----
Dolores	2.08	2.26	2.57	2.72	2.85	2.74	4.50	4.96
Douglas	2.99	3.56	3.85	4.14	4.15	4.18	6.16	5.94
Eagle	2.08	3.15	3.19	4.08	3.72	4.04	4.18	2.79
Elbert	2.93	3.46	4.32	5.41	5.63	5.65	7.03	5 59
El Paso	2.45	3.49	3.59	4.49	5.00	5.00	8.99	5.95
Fremont	2.09	2.81	2.86	3.48	3.62	3.56	4.15	4.10
Garfield	1.87	2.17	2.43	2.98	2.99	3.02	2.52	1.30
Gilpin	2.75	3.09	2.43	3.07	3.19	3.35	3.00	3.00
Grand	1.93	2.31	2.50	3.14	3.19	3.56	3.47	4.92
Gunnison	2.09	2.45	2.46	3.02	3.22	3.19	4.13	3.34
Hinsdale	1.80	2.00	2.27	3.00	3.21	3.67	3.71	2.15
Huerfano	1.85	2.00	2.18	2.62	2.76	2.99	4.00	3.01
Jackson	1.40	1.60	1.62	2.11	2.19	2.25	4.86	2.02
Jefferson	3.54	4.50	4.97	6.46	6.54	6.62	7.07	6.00
Kiowa	2.82	3.62	3.49	4.39	4.49	4.40	10.60	4.37
Kit Carson	2.11	2.42	2.34	3.04	2.87	3.81	8.45	3.47
Lake	3.24	3.08	3.70	4.95	5.16	7.35	7.16	6.41
La Plata	2.33	2.66	2.90	3.52	3.54	3.65	3.90	4.60
Larimer	2.28	2.15	2.48	3.12	3.20	3.36	3.81	3.66
Las Animas	2.04	2.33	2.34	2.96	2.86	2.94	4.60	4.74
Lincoln	2.26	3.05	3.45	4.49	5.35	5.36	8.65	5.01
Logan	2.07	2.80	2.80	3.50	3.50	3.50	7.84	4.46
Mesa	2.51	3.32	3.52	4.39	4.47	4.55	5.82	6.22
Mineral	3.57	3.97	3.93	4.94	4.96	3.85	5.00	4.02
Moffat	1.63	1.98	2.03	2.63	2.66	2.69	4.76	5.98
Montezuma	2.18	2.45	2.49	3.11	3.48	2.98	3.01	3.99
Montrose	2.16	2.47	2.56	3.08	3.25	2.67	4.04	3.84
Morgan	2.29	2.83	3.13	3.93	4.43	4.43	6.09	4.04
Otero	1.89	2.28	2.26	2.86	2.86	2.95	4.22	4.74
Ouray	2.25	2.75	2.76	3.50	3.54	3.47	4.00	3.85
Park	1.61	1.83	2.30	2.79	2.78	2.83	3.42	3.18
Phillips	1.82	2.80	2.87	3.24	3.24	3.22	9.14	----
Pitkin	2.32	2.58	2.58	3.24	3.45	3.30	3.15	2.51
Prowers	2.63	1.88	1.79	2.27	3.29	2.80	5.26	3.15
Pueblo	1.98	2.52	2.99	3.74	3.85	3.95	4.03	3.35
Rio Blanco	2.04	2.39	2.30	2.95	2.90	3.28	4.60	4.33
Rio Grande	2.03	2.50	2.40	3.00	3.00	5.10	6.08	5.46
Routt	2.85	2.47	2.57	3.22	3.28	3.30	6.00	5.15
Saguache	1.34	2.65	2.80	3.75	4.09	2.87	5.10	2.32
San Juan	5.04	5.60	5.60	6.40	6.40	6.40	6.40	6.40
San Miguel	2.40	2.69	2.68	3.32	3.41	3.43	4.96	5.49
Sedgwick	2.62	3.16	3.55	4.63	4.80	4.91	5.00	4.00
Summit	2.53	3.00	3.12	3.75	3.75	3.75	3.75	3.76
Teller	1.99	2.13	1.92	2.18	2.09	2.06	2.16	2.01
Washington	2.54	2.84	2.85	3.73	3.82	4.13	9.80	----
Weld	1.95	2.17	2.40	3.06	3.69	3.69	5.93	4.45
Yuma	1.64	2.22	2.86	3.55	3.60	3.61	5.50	2.71
State	$ 2.16	$ 2.54	$ 2.76	$ 3.48	$ 3.63	$ 3.67	$ 5.87	$ 4.41

AVERAGE VALUE OF NATURAL HAY LAND PER ACRE AS RETURNED ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1920	1914
Adams	$14.66	$16.10	$16.01	$21.31	$21.90	$23.83	----	----
Alamosa	21.00	25.00	25.00	30.00	30.00	30.00	$30.00	$18.00
Arapahoe	----	----	----	----	----	----	----	----
Archuleta	20.63	22.65	23.57	29.48	32.13	31.13	----	----
Baca	----	----	----	----	----	----	----	----
Bent	----	----	----	----	----	----	----	----
Boulder	14.04	17.34	19.43	----	----	----	17.71	----
Chaffee	----	----	----	----	----	----	----	----
Cheyenne	----	----	----	----	----	----	----	----
Clear Creek	12.00	----	----	----	----	----	----	----
Conejos	14.35	16.00	16.00	20.00	20.00	20.00	22.06	25.00
Costilla	6.92	7.63	6.06	20.00	20.00	20.00	20.00	20.00
Crowley	----	----	----	----	----	----	----	----
Custer	25.80	28.44	28.37	40.00	39.95	39.80	----	41.17
Delta	----	----	----	----	----	----	----	----
Denver	----	----	----	----	----	----	----	----
Dolores	----	----	----	----	----	----	----	10.00
Douglas	22.70	25.24	29.93	37.77	37.85	50.20	50.04	28.02
Eagle	----	----	----	----	----	----	----	----
Elbert	24.01	26.66	33.33	41.43	44.37	44.37	37.30	24.90
El Paso	29.04	36.70	37.20	46.50	46.50	46.50	46.50	35.00
Fremont	23.63	29.67	29.67	35.00	35.00	35.00	35.00	28.00
Garfield	----	----	----	----	----	----	----	----
Gilpin	----	----	----	----	----	----	----	----
Grand	----	----	----	----	----	----	----	----
Gunnison	----	----	----	----	----	----	----	----
Hinsdale	----	----	----	----	----	----	----	----
Huerfano	31.87	32.96	31.28	36.82	37.60	37.46	----	----
Jackson	10.28	12.00	12.00	15.00	15.00	15.00	----	----
Jefferson	----	----	----	----	----	----	----	----
Kiowa	----	----	----	----	----	----	----	----
Kit Carson	16.70	15.70	17.57	22.36	27.30	30.07	37.08	10.00
Lake	10.00	12.00	10.70	11.01	12.00	----	----	----
La Plata	----	----	----	----	----	----	----	----
Larimer	11.70	13.23	16.26	20.00	20.00	20.00	25.00	26.00
Las Animas	22.42	21.29	19.60	24.71	23.19	30.93	31.00	28.23
Lincoln	15.06	19.97	24.49	28.96	28.69	28.63	29.01	----
Logan	12.60	16.80	16.79	22.50	22.50	22.50	25.54	----
Mesa	----	----	----	----	----	132.57	----	----
Mineral	18.00	20.00	21.34	34.88	25.00	25.00	25.00	25.00
Moffat	18.33	22.13	21.68	25.63	25.70	25.66	----	----
Montezuma	----	----	----	----	----	----	----	----
Montrose	----	----	----	----	----	----	----	----
Morgan	13.69	16.90	18.80	23.50	23.50	23.50	23.51	16.16
Otero	----	----	----	----	----	----	----	----
Ouray	9.00	10.00	9.14	12.00	12.00	12.00	10.35	----
Park	26.48	29.89	30.03	37.00	37.41	37.40	37.16	36.36
Phillips	----	----	----	----	----	----	----	----
Pitkin	----	----	----	----	----	----	----	----
Prowers	10.68	17.15	17.50	22.37	21.52	21.26	30.32	27.72
Pueblo	----	----	----	----	----	----	----	----
Rio Blanco	26.32	31.24	31.00	39.77	41.90	49.74	38.96	48.95
Rio Grande	15.75	18.00	12.80	18.00	22.00	23.42	32.50	----
Routt	----	----	----	----	----	----	----	28.88
Saguache	14.40	18.75	18.80	23.50	25.00	25.00	28.10	18.00
San Juan	----	----	----	----	----	----	----	----
San Miguel	----	----	----	----	----	----	----	----
Sedgwick	11.86	14.65	15.91	18.56	18.19	18.46	15.25	15.18
Summit	----	----	----	----	----	----	----	----
Teller	12.60	13.38	12.56	15.50	16.20	16.12	15.38	14.95
Washington	----	----	----	----	----	----	----	16.00
Weld	11.57	12.78	13.69	17.59	17.68	18.57	24.50	18.47
Yuma	12.80	17.95	23.75	26.76	29.41	32.42	29.00	----
State	$16.15	$18.51	$18.53	$23.95	$24.68	$26.07	$29.25	$23.78

Colorado Livestock

THE estimated number of livestock in Colorado on January 1, 1934, compared with January 1, 1933, shows an increase in all cattle, milk cows, heifers kept for milk and cattle on feed, and a decrease in all sheep and lambs, sheep and lambs on feed, hogs, horses and mules. Colorado livestock January 1, 1934, was valued at $52,022,000, compared with $46,675,000 a year earlier and $60,459,000 January 1, 1932.

When the numbers of livestock are combined into units which allow for difference in size and feed requirements of the several species, the total number of animal units on Januarv 1, 1934, was about 2 per cent more than the number on January 1, 1933. The 2 per cent increase in animal units and a slight increase in prices for some species make values of livestock appear a little better than last year. Feed supplies generally were ample for all purposes last fall and winter. On May 1, 1934, farm hay stocks were 16 per cent of the total of 1933 production, compared with 12 per cent a year ago and 11.3 per cent, the five-year (1926-1930) average.

Cattle—Cattle numbers increased 6 per cent during 1933 to 1,656,000 head. This is an increase of 99,000 over the estimated number on farms and ranches in Colorado January 1, 1933, but is 101,000 less than were on hand January 1, 1920. Colorado cattle and calves were valued at $23,907,000 January 1, 1934, compared with $25,007,000 the year before and $34,374,000 January 1, 1932. There has been a gradual increase in milk cow numbers since 1920, and on January 1, 1934, it was estimated there were 285,000 cows and heifers two years old and over, kept for milk on farms, compared with 274,000 a year earlier. This is an increase of 83,000 over the 202,000 head on hand January 1, 1920. The number of cattle and calves on feed increased to 83,000 head January 1, 1934, compared with 75,000 last year and 90,000 head on feed January 1, 1932. During 1933, 428,995 cattle and calves were marketed, of which 381,033 were cattle and 47,962 were calves. In 1932, 460,000 cattle and 53,000 calves were marketed.

Sheep—Colorado sheep and lamb numbers January 1, 1934, were 3,008,000, compared with 3,093,000 the year before and 3,391,000 January 1, 1932. Colorado sheep and lambs on hand January 1, 1934, were valued at $12,740,000 compared with $9,108,000 a year earlier and $10,656,000 January 1, 1932. The number of farm and range sheep and lambs was estimated at 1,778,000 January 1, 1934, compared with 1,693,000 on hand January 1, 1933. The 1933 lamb crop was 1,097,000 head, compared with 1,126,000 in 1932 and 1,230,000 in 1931. The number of lambs saved per 100 ewes on hand January 1 was 77 for 1933, compared with 73 for 1932 and 82 for 1931. Colorado had 1,230,000 sheep and lambs on feed January 1, 1934, compared with 1,400,000 the year before, 1,590,000 two years before and 1,550,000 head January 1 ,1931.

Wool—Colorado clip in 1933 was estimated at 12,774,000 pounds, or 8.3 pounds per fleece, compared with 12,320,000 pounds or 7.7 pounds per fleece in 1932.

Hogs—Colorado hogs, including pigs, were estimated at 420,000 head on hand January 1, 1934, compared with 536,000 a year earlier and 624,000 head on hand Jannary 1, 1932. On January 1, 1934, hogs were valued at $1,420,000, compared with $1,644,000 the previous year and $3,287,000 January 1, 1932. Marketing of hogs in 1933 amounted to 440,118 head, compared with 508,738 head in 1932 and 380,141 head in 1931. The June, 1933, pig survey indicated that 71 per cent as many pigs were saved in the spring of 1933 as were saved in the previous spring. The average number saved per litter in the spring of 1933 was 5.5, compared to 5.4 a year earlier. The fall pig survey made in December, 1933, indicates that 90 per cent as many pigs were saved in the fall of 1933 as the fall before, and the number of pigs saved per litter the fall of 1933 was 5.9 compared with 5.8 the fall of 1932. The total number of pigs saved in 1933 was 532,000 compared with 682,000 in 1932. The December survey also indicates that 86 per cent as many sows were bred to farrow in the spring of 1934 as were farrowed the previous spring.

Horses and Mules—There has been a gradual reduction in the number of work stock in Colorado during the past 10 years or more. The number of

horses and colts on hand January 1, 1934, was estimated at 312,000 head, compared with 318,000 and 324,000 on hand January 1, 1933, and 1932, respectively. Mule numbers were estimated at 25,000 head January 1, 1934, and show a decline of about a thousand head each year for the past three years. The value of all horses and mules on hand January 1, 1934, was $13,955,000, compared with $10,916,000 the previous year and $12,142,000 January 1, 1932.

CATTLE AND SHEEP FEEDING

Cattle Feeding—Cattle feeding is an important part of the agriculture in irrigated sections of northern Colorado, the Arkansas valley, and the Western Slope. The feeding of cattle provides an outlet for by-products from the sugar beet factories, surplus alfalfa hay, grain and other feeds.

It is estimated that there were 83,000 head of cattle and calves on feed for market January 1, 1934, compared with 75,000 head on January 1, 1933.

Estimated Number of Cattle on Feed, January 1, by Sections

	1934	1933	1932	1931	1930	1929	1928
Northern Colorado	72,000	65,000	79,000	125,000	105,000	120,000	120,000
Arkansas Valley	5,000	5,000	6,000	9,000	14,000	13,000	12,000
Western Slope	3,000	3,000	2,000	3,000	3,000	3,000	4,000
Other Sections	3,000	2,000	3,000	5,000	3,000	4,000	4,000
State	83,000	75,000	90,000	142,000	125,000	140,000	140,000

Lamb Feeding—Colorado is the leading lamb feeding state and had 1,230,000 sheep and lambs on feed January 1, 1934, compared with 1,400,000 January 1, 1933. On January 1, 1934, Colorado had 25.1 per cent of the lambs on feed in the United States. Northern Colorado and the Arkansas valley are the leading lamb feeding areas, with smaller operations in the San Luis valley and Western Slope sections.

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

Lamb feeding operations have increased during the past few years in the Fort Morgan-Sterling section of northeastern Colorado.

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

Year	Northern Colorado	Arkansas Valley	San Luis Valley	Western Slope	Miscellaneous Sections	State Total
1922	760,000	225,000	30,000	25,000	.....	1,040,000
1923	1,175,000	235,000	65,000	25,000	.....	1,500,000
1924	1,150,000	170,000	55,000	25,000	.....	1,400,000
1925	1,250,000	265,000	60,000	25,000	.....	1,600,000
1926	1,090,000	285,000	75,000	25,000	.....	1,475,000
1927	520,000	177,000	54,000	19,000	.....	770,000
1928	1,265,000	275,000	30,000	10,000	.....	1,580,000
1929	1,100,000	385,000	22,000	13,000	.....	1,520,000
1930	1,490,000	475,000	45,000	25,000	.....	2,035,000
1931	975,000	360,000	90,000	80,000	45,000	1,550,000
1932	1,100,000	375,000	50,000	25,000	40,000	1,590,000
1933	955,000	330,000	65,000	40,000	10,000	1,400,000
1934	835,000	275,000	65,000	40,000	15,000	1,230,000

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

ESTIMATED NUMBER OF SHEEP AND LAMBS ON FEED JANUARY 1

Year	Colorado Number	Per cent of Total in United States	United States Number
1914	1,300,000	.....	.....
1915	1,116,000	.....	.....
1916	1,150,000	.....	.....
1917	1,250,000	.....	.....
1918	1,135,000	.....	.....
1919	940,000	.....	.....
1920	950,000	.....	.....
1921	1,283,000	.....	.....
1922	1,040,000	.....	.....
1923	1,500,000	34.5%	4,351,000
1924	1,400,000	32.6%	4,297,000
1925	1,600,000	39.7%	4,028,000
1926	1,475,000	31.7%	4,646,000
1927	770,000	18.0%	4,284,000
1928	1,580,000	35.2%	4,488,000
1929	1,520,000	31.5%	4,822,000
1930	2,035,000	34.6%	5,886,000
1931	1,550,000	28.6%	5,428,000
1932	1,590,000	26.0%	6,120,000
1933	1,400,000	24.9%	5,631,000
1934	1,230,000	25.1%	4,906,000

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

WOOL PRODUCTION

Year	COLORADO		UNITED STATES		
			Production		
	Production Pounds	Weight Per Fleece	Shorn, Lbs.	Pulled, Lbs.	Weight Per Fleece
1920	6,266,000	6.5	244,179,000	42,900,000	7.3
1921	6,325,000	6.7	235,129,000	48,500,000	7.3
1922	6,138,000	6.6	221,713,000	42,000,000	7.3
1923	6,486,000	6.9	225,696,000	42,500,000	7.5
1924	6,486,000	6.9	235,575,000	43,800,000	7.6
1925	6,956,000	7.4	252,832,000	46,800,000	7.6
1926	8,132,000	7.6	268,900,000	49,600,000	7.7
1927	8,877,000	7.3	289,909,000	50,100,000	7.7
1928	11,300,000	8.1	314,588,000	51,900,000	7.9
1929	12,269,000	7.8	327,566,000	54,500,000	7.8
1930	13,446,000	8.1	350,311,000	61,900,000	7.9
1931	13,541,000	7.8	372,228,000	66,100,000	8.0
1932	12,320,000	7.7	345,440,000	67,100,000	7.8
1933	12,774,000	8.3	364,730,000	64,200,000	8.2

ESTIMATED CREAMERY BUTTER PRODUCTION

Year	COLORADO		UNITED STATES	
	Pounds	Per Cent of Preceding Year	Pounds	Per Cent of Preceding Year
1919	13,144,000	....	868,125,000	....
1920	12,979,000	98.7	863,577,000	99.5
1921	15,290,000	117.8	1,054,938,000	122.2
1922	16,410,000	107.3	1,153,515,000	109.3
1923	18,625,000	113.5	1,242,214,000	107.7
1924	18,130,000	97.3	1,356,080,000	109.2
1925	18,794,000	103.7	1,361,526,000	100.4
1926	18,255,000	97.1	1,451,766,000	106.6
1927	20,871,000	114.3	1,496,495,000	103.1
1928	21,614,000	103.6	1,487,049,000	99.4
1929	21,924,000	101.4	1,597,027,000	107.4
1930	22,643,000	103.3	1,595,231,000	97.4
1931	21,993,000	97.1	1,667,452,000	104.5
1932	22,011,000	100.1	1,694,132,000	101.6
1933	23,419,000	106.4	1,736,141,000	102.5

CORN AND HOG RATIOS FOR THE UNITED STATES, 1910-1934

Number of Bushels of Corn Required to Buy 100 Pounds of Live Hogs Based on Averages of Farm Prices of Corn and Hogs for the Month

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.
1910	12.2	12.0	13.6	14.4	13.3	12.9	12.2	11.7	13.0	14.2	15.1	14.9	13.3
1911	15.3	14.4	13.7	12.1	10.7	9.8	9.4	9.9	9.9	9.3	9.3	9.3	11.1
1912	9.1	8.8	8.6	9.0	8.4	8.1	8.3	9.1	10.1	12.0	13.2	14.1	9.9
1913	13.6	13.9	14.4	14.4	12.7	12.3	12.1	11.1	10.2	10.4	10.5	10.3	12.2
1914	10.8	11.3	11.2	10.9	10.3	9.9	10.1	10.3	10.2	10.0	10.4	10.2	10.5
1915	9.5	8.6	8.4	8.5	8.7	8.7	8.7	8.5	9.2	10.8	10.6	10.1	9.2
1916	9.8	10.5	11.4	11.5	11.4	11.0	10.9	10.6	11.1	10.4	10.1	9.8	10.7
1917	9.9	10.5	11.5	10.3	8.8	8.3	7.4	7.7	9.0	10.1	11.2	12.0	9.7
1918	11.2	10.3	10.1	10.2	10.3	10.0	9.9	10.1	10.8	11.0	11.5	11.3	10.6
1919	11.1	11.3	11.2	11.1	10.8	10.2	10.5	10.2	9.3	9.7	9.2	9.2	10.3
1920	9.3	9.2	8.9	8.4	7.6	7.1	7.8	8.5	10.1	13.0	15.0	13.2	9.8
1921	13.5	13.5	14.3	13.0	12.5	11.6	13.1	14.8	14.0	15.9	16.0	15.2	14.0
1922	15.4	16.5	15.8	15.7	15.0	14.7	14.7	13.7	13.4	13.4	12.8	11.7	14.4
1923	11.1	10.9	10.2	9.8	8.8	7.9	7.5	7.7	8.5	8.8	8.2	9.0	9.0
1924	9.0	8.5	8.6	8.6	8.5	8.1	6.7	8.0	7.7	8.7	8.7	7.9	8.2
1925	8.3	8.4	10.6	11.2	10.0	9.7	11.5	11.4	11.6	13.4	14.3	14.9	11.3
1926	15.8	17.2	17.5	17.5	17.8	18.7	17.7	14.7	15.8	16.2	17.3	17.0	16.9
1927	17.1	16.8	16.7	15.9	12.9	9.4	9.3	9.5	10.3	11.6	12.2	10.8	12.7
1928	10.3	9.6	8.7	8.4	8.6	8.5	9.4	10.2	11.7	11.3	11.3	10.4	9.9
1929	10.2	10.2	11.3	11.7	11.6	11.3	11.3	10.7	9.8	9.9	10.5	10.9	10.8
1930	11.4	12.2	12.8	11.7	11.6	11.5	10.9	9.5	10.3	10.7	12.4	11.5	11.4
1931	11.8	11.6	12.0	12.0	11.3	10.6	11.5	12.3	12.6	14.1	11.9	10.9	11.9
1932	11.2	10.9	12.1	11.4	9.8	9.6	14.1	13.4	13.5	15.0	15.7	14.5	12.6
1933	14.0	15.2	15.6	11.4	10.6	9.9	7.2	7.8	8.0	10.7	9.1	7.0	10.5
1934	7.0	---	---	---	---	---	---	---	---	---	---	---	---

COLORADO LIVESTOCK ASSESSMENTS

	HORSES			MULES			RANGE CATTLE		
Year	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head
1910	246,975	$7,506,000	$30.39	14,277	$ 524,559	$36.74	720,297	--------	----
1915	296,368	20,031,000	67.59	23,284	1,991,820	85.54	997,823	$37,548,000	$37.63
1916	308,062	21,729,000	70.54	26,280	2,303,481	87.64	1,063,153	41,864,000	39.38
1917	326,002	23,837,000	73.12	29,269	2,716,010	92.80	1,147,428	46,533,000	40.56
1918	352,794	26,836,000	76.05	29,838	2,843,990	95.31	1,262,616	55,236,000	43.75
1919	354,868	25,254,000	71.16	30,045	2,660,731	88.56	1,286,547	56,898,000	44.30
1920	337,903	22,856,000	67.65	28,682	2,476,076	86.33	1,187,480	51,334,000	42.38
1921	333,669	18,495,000	55.42	29,539	2,054,836	69.56	1,123,594	31,856,000	28.35
1922	318,808	15,350,168	48.15	31,741	1,787,269	56.31	1,112,299	29,719,000	26.72
1923	304,262	11,901,589	39.12	32,528	1,499,818	46.10	1,060,189	26,084,000	24.60
1924	290,784	10,722,327	36.87	35,325	1,495,797	42.34	972,984	20,619,000	21.20
1925	280,094	10,248,460	36.59	32,939	1,417,710	43.04	905,618	18,023,000	19.90
1926	268,346	9,634,799	35.90	31,653	1,335,301	42.19	828,797	17,095,126	20.62
1927	250,008	8,764,003	35.06	30,306	1,250,836	41.27	804,545	18,212,260	21.98
1928	239,759	8,207,666	34.23	26,189	1,116,295	42.63	796,725	23,622,220	29.64
1929	233,855	7,893,333	33.75	25,318	1,072,270	41.92	793,974	27,050,976	34.07
1930	225,609	7,294,217	32.33	21,994	917,187	41.70	800,198	27,312,372	34.13
1931	216,811	6,704,193	30.92	20,588	803,274	39.02	864,846	23,119,472	26.73
1932	208,790	5,592,084	26.78	19,450	652,754	33.56	892,229	14,830,237	16.62
1933	205,858	5,453,404	26.49	18,524	624,016	33.69	925,952	12,292,490	13.29

	DAIRY CATTLE			RANGE OR STOCK SHEEP			SWINE		
Year	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head
1910	63,671	--------	----	1,463,861	$ 2,165,838	$ 1.48	60,871	$ 253,678	$ 4.16
1915	101,037	$5,786,218	$57.26	1,157,544	4,032,950	3.48	163,143	1,183,742	7.25
1916	110,298	6,727,172	60.99	1,044,380	5,092,433	4.88	181,169	1,359,799	7.50
1917	124,342	7,919,512	63.69	1,003,168	7,182,427	7.16	165,329	1,630,154	9.86
1918	137,126	9,449,630	68.91	1,164,411	12,659,415	10.87	194,576	2,768,632	14.23
1919	143,106	10,170,007	71.06	1,089,037	11,386,972	10.46	199,988	2,955,440	15.14
1920	143,981	10,169,207	70.56	915,394	9,230,084	10.08	182,097	2,129,493	12.00
1921	145,070	7,981,591	55.02	855,873	3,216,728	3.76	175,064	1,619,404	9.37
1922	149,119	7,295,697	48.92	815,714	3,441,985	4.22	209,017	1,882,647	9.14
1923	143,163	6,245,287	43.62	830,483	4,390,920	5.57	259,917	2,211,060	8.61
1924	149,425	6,038,056	40.40	809,784	4,691,228	5.79	246,163	1,794,677	7.29
1925	147,411	5,789,318	39.27	860,600	6,188,636	7.19	183,176	1,450,864	7.92
1926	147,176	5,795,951	39.38	1,014,931	7,421,145	7.31	140,768	1,246,258	8.85
1927	162,268	6,467,821	39.86	1,212,716	9,028,761	7.45	164,058	1,637,001	9.98
1928	148,474	7,390,272	49.78	1,260,863	10,234,087	8.12	172,209	1,675,270	9.73
1929	177,856	8,505,365	47.82	1,436,385	10,644,536	7.41	184,530	1,802,999	9.77
1930	171,382	8,092,468	47.22	1,486,492	8,340,788	5.61	178,906	1,746,068	9.76
1931	168,487	6,548,819	38.87	1,508,675	5,446,916	3.54	184,383	1,652,581	8.96
1932	178,013	4,633,404	26.03	1,488,523	3,179,239	2.13	214,469	893,504	4.17
1933	192,964	3,712,448	19.24	1,417,028	2,875,945	2.03	179,842	527,382	2.93

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 IN TRANSIT		SHEEP FED IN TRANSIT	
Year	Number	Assessed Value	Number	Assessed Value
1916	47,292	$ 927,860	767,468	$ 591,870
1917	77,211	1,149,145	946,156	929,650
1918	78,651	1,447,860	806,560	1,420,495
1919	84,907	1,643,400	656,455	1,151,155
1920	73,163	1,286,830	666,810	929,150
1921	77,813	1,077,590	1,029,242	679,600
1922	82,430	685,285	762,872	730,805
1923	83,248	581,495	1,187,399	1,115,046
1924	85,829	708,895	1,137,349	1,135,710
1925	92,357	760,645	1,370,479	1,485,635
1926	96,495	928,495	1,311,481	1,270,847
1927	122,462	1,156,235	678,984	883,156
1928	101,377	1,239,890	1,392,935	1,660,625
1929	127,500	1,839,000	1,582,282	1,750,968
1930	123,823	1,274,389	1,863,330	1,424,824
1931	136,268	1,576,450	1,302,892	997,090
1932	81,201	527,460	1,308,929	784,766
1933	74,688	407,600	1,193,655	684,916

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

MARKET RECEIPTS OF LIVESTOCK FROM COLORADO*

SHEEP AND LAMBS†
(Number of Head)

MONTH	1926	1927	1928	1929	1930	1931	1932	1933
anuary	170,690	65,858	150,706	189,086	232,928	131,753	165,137	149,424
ebruary	295,756	90,911	425,693	328,893	381,263	271,120	306,571	301,123
larch	518,824	278,440	515,871	401,271	624,761	494,331	426,293	434,374
pril	415,676	308,161	445,345	443,237	607,367	536,617	484,443	420,922
lay	135,790	95,345	90,624	247,337	238,165	207,353	213,033	150,568
une	18,709	19,637	13,985	42,926	15,891	10,586	13,162	4,198
uly	28,562	17,098	38,272	20,708	20,697	10,677	10,253	7,720
ugust	49,991	52,419	58,690	47,280	46,132	48,632	30,535	25,574
eptember	290,935	238,242	289,489	245,997	304,553	290,428	248,089	269,363
ctober	397,272	493,764	584,920	492,127	444,945	403,409	464,303	389,851
ovember	93,019	122,274	110,833	115,765	130,233	128,602	71,392	99,088
ecember	51,974	75,100	65,263	70,479	68,353	112,046	31,632	60,708
Total	2,467,198	1,857,249	2,789,691	2,645,106	3,115,288	2,645,554	2,464,843	2,303,913

CATTLE
(Number of Head)

anuary	36,071	55,566	49,754	44,856	44,553	34,305	37,786	29,205
ebruary	24,073	43,742	32,689	23,999	29,933	24,547	27,965	20,779
larch	42,269	46,279	35,956	44,521	49,664	37,000	39,295	27,077
pril	37,514	40,950	44,566	47,698	42,769	46,339	41,012	26,741
lay	32,794	43,940	28,890	43,182	36,801	53,790	31,132	27,451
une	22,983	17,699	18,256	22,388	27,181	40,049	22,090	13,589
uly	14,052	10,279	13,958	20,410	14,390	30,207	26,680	17,138
ugust	16,766	17,777	16,925	16,801	12,110	24,925	23,496	24,917
eptember	41,541	32,721	42,622	37,162	30,848	33,437	39,500	25,438
ctober	81,706	117,551	95,378	94,258	66,681	68,017	84,839	56,182
ovember	101,461	100,513	92,206	88,951	63,023	98,293	65,967	74,913
ecember	39,712	40,531	54,516	44,372	39,160	34,946	25,788	37,603
Total	490,942	567,548	525,716	528,598	457,613	525,855	465,550	381,033

CALVES
(Number of Head)

January	4,617	4,809	6,728	6,535	5,834	5,858	4,345	6,362
February	3,072	3,224	3,376	2,779	3,487	2,300	2,917	3,489
March	3,903	3,315	3,188	3,778	4,024	2,945	2,850	3,126
April	3,443	3,393	4,447	5,302	3,297	3,507	2,517	2,576
May	4,777	3,543	3,394	4,268	2,943	3,971	2,673	3,154
June	3,600	2,955	2,570	3,220	2,854	2,942	2,180	2,322
July	2,262	2,117	2,392	2,705	2,034	2,480	2,415	2,185
August	3,605	3,256	2,729	2,741	1,867	3,424	3,212	2,613
September	4,375	3,119	3,397	3,038	2,509	4,327	4,632	2,923
October	5,009	9,602	11,804	6,031	7,061	6,404	10,016	6,116
November	7,173	10,223	9,457	10,235	8,569	10,762	10,658	9,113
December	3,189	3,160	4,636	4,530	5,034	5,172	4,118	3,983
Total	49,025	52,716	58,118	55,162	49,513	54,092	52,533	47,962

HOGS
(Number of Head)

January	27,336	34,695	44,572	57,733	47,997	39,582	44,754	49,981
February	27,703	33,984	44,919	49,897	44,382	35,781	56,995	37,615
March	36,124	37,934	40,940	46,125	38,581	31,312	55,291	43,088
April	33,736	26,656	35,468	42,897	41,505	29,908	46,700	43,597
May	24,102	31,112	32,107	39,845	37,425	34,980	46,852	42,632
June	21,434	25,147	29,534	32,575	33,320	34,298	44,664	38,537
July	13,138	15,578	24,138	31,733	26,941	31,496	39,146	33,850
August	18,813	15,975	16,589	28,034	20,030	29,889	36,039	32,156
September	16,911	14,737	21,737	28,035	24,529	25,334	31,584	47,388
October	11,707	14,739	27,429	30,306	24,792	30,055	33,672	20,686
November	21,064	21,470	30,626	26,969	23,289	27,612	33,006	21,861
December	23,727	24,071	39,492	37,230	28,630	29,894	40,035	28,727
Total	275,795	296,098	387,551	451,379	391,421	380,141	508,738	440,118

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

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

ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS JANUARY 1

ALL CATTLE AND CALVES

Year	COLORADO				UNITED STATES			
	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate
1910	----	1,130,000	$27.50	$31,075,000	----	61,803,000	$ 24.50	$1,513,063,000
1920	----	1,757,000	50.83	89,318,000	----	68,871,000	52.87	3,641,025,000
1922	----	1,680,000	30.10	50,578,000	----	67,264,000	30.55	2,054,933,000
1924	----	1,540,000	27.70	42,658,000	----	65,832,000	32.14	2,116,009,000
1925	95.1	1,465,000	26.00	38,090,000	95.9	63,115,000	31.77	2,005,351,000
1926	96.0	1,406,000	32.00	44,992,000	95.0	59,977,000	36.94	2,215,400,000
1928	----	1,377,000	46.70	64,306,000	----	56,701,000	50.81	2,880,802,000
1930	----	1,454,000	50.90	73,985,000	----	59,730,000	56.69	3,386,010,000
1931	106.0	1,541,000	37.80	58,324,000	102.1	60,987,000	39.30	2,396,731,000
1932	99.0	1,526,000	22.50	34,374,000	102.7	62,656,000	26.62	1,667,843,000
1933	102.0	1,557,000	16.10	25,007,000	104.6	65,552,000	19.95	1,307,641,000
1934	106.0	1,650,000	14.50	23,907,000	102.7	67,352,000	18.28	1,231,280,000

COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

1910	----	145,000	----	--------	----	20,625,000	$ 35.29	$ 727,856,000
1920	----	202,000	$87.00	$17,574,000	----	21,427,000	81.51	1,746,412,000
1922	----	206,000	57.00	11,742,000	----	21,788,000	48.68	1,060,574,000
1924	----	250,000	49.00	12,250,000	----	22,288,000	49.94	1,113,127,000
1925	102.4	256,000	44.00	11,264,000	101.0	22,505,000	48.38	1,088,900,000
1926	100.0	256,000	49.00	12,544,000	99.1	22,311,000	54.73	1,221,113,000
1928	----	257,000	69.00	17,733,000	----	22,129,000	73.47	1,625,875,000
1930	----	259,000	72.00	18,648,000	----	22,910,000	82.80	1,897,011,000
1931	100.4	260,000	56.00	14,560,000	102.9	23,576,000	57.10	1,346,119,000
1932	102.3	266,000	36.00	9,576,000	103.8	24,475,000	39.57	968,460,000
1933	103.0	274,000	25.00	6,850,000	103.3	25,277,000	29.25	739,430,000
1934	104.0	285,000	22.00	6,270,000	103.1	26,062,000	27.09	706,074,000

HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

1920	----	46,000	----	--------	----	4,420,000	----	----------
1922	----	48,000	----	--------	----	3,972,000	----	----------
1924	----	50,000	----	--------	----	4,143,000	----	----------
1925	110.0	55,000	----	--------	100.7	4,171,000	----	----------
1926	100.0	55,000	----	--------	97.0	4,045,000	----	----------
1928	----	56,000	----	--------	----	4,158,000	----	----------
1930	----	57,000	----	--------	----	4,700,000	----	----------
1931	100.0	57,000	----	--------	101.6	4,775,000	----	----------
1932	103.5	59,000	----	--------	98.1	4,685,000	----	----------
1933	110.2	65,000	----	--------	100.4	4,704,000	----	----------
1934	107.7	70,000	----	--------	101.0	4,749,000	----	----------

ALL SHEEP AND LAMBS, INCLUDING SHEEP AND LAMBS ON FEED

1910	----	1,426,000	$ 4.80	$ 6,845,000	----	52,488,000	$ 4.12	$ 216,030,000
1920	----	1,964,000	9.10	18,973,000	----	40,243,000	10.46	420,863,000
1922	----	1,940,000	4.70	9,449,000	----	36,186,000	4.80	173,862,000
1924	----	2,327,000	7.40	17,220,000	----	37,020,000	7.88	291,840,000
1925	110.2	2,565,000	10.30	26,420,000	103.7	38,392,000	9.68	371,639,000
1926	100.0	2,565,000	10.50	26,933,000	104.7	40,183,000	10.48	421,086,000
1928	----	3,020,000	9.60	28,992,000	----	45,121,000	10.22	461,193,000
1930	----	3,750,000	9.00	33,843,000	----	51,383,000	8.94	459,208,000
1931	89.4	3,351,000	5.60	18,659,000	102.4	52,599,000	5.36	281,806,000
1932	101.2	3,391,000	3.10	10,656,000	101.1	53,155,000	3.46	180,780,000
1933	91.2	3,093,000	2.90	9,108,000	97.3	51,736,000	2.90	150,017,000
1934	97.3	3,008,000	4.20	12,749,000	99.3	51,374,000	3.79	194,636,000

ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS JANUARY 1

SWINE, INCLUDING PIGS

Year	COLORADO				UNITED STATES			
	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate
1910	----	179,000	$ 8.75	$ 1,566,000	----	58,186,000	$ 9.17	$ 533,309,000
1920	----	450,000	18.00	8,100,000	----	59,813,000	19.08	1,141,102,000
1922	----	455,000	9.60	4,368,000	----	59,355,000	10.06	597,395,000
1924	----	575,000	9.40	5,405,000	----	66,576,000	10.30	685,574,000
1925	85.7	493,000	10.90	5,374,000	83.8	55,770,000	13.15	733,220,000
1926	89.8	443,000	13.60	6,025,000	93.4	52,085,000	15.66	815,412,000
1928	----	509,000	13.10	6,668,000	----	61,772,000	13.17	813,639,000
1930	----	495,000	12.00	5,943,000	----	55,301,000	13.46	744,308,000
1931	105.0	520,000	11.10	5,769,000	98.4	54,399,000	11.36	618,077,000
1932	120.0	624,000	5.30	3,287,000	108.4	58,988,000	6.13	361,485,000
1933	85.9	536,000	3.10	1,644,000	104.0	61,320,000	4.21	258,280,000
1934	78.4	420,000	3.40	1,420,000	91.3	55,976,000	4.16	232,946,000

HORSES AND COLTS

1910	----	294,000	$ 93.13	$27,380,000	----	19,833,000	$108.00	$2,141,964,000
1920	----	421,000	79.00	33,375,000	----	19,848,000	97.62	1,915,653,000
1922	----	415,000	55.75	23,133,000	----	18,564,000	71.18	1,321,396,000
1924	----	385,000	45.00	17,325,000	----	17,365,000	65.42	1,135,967,000
1925	95.3	367,000	43.00	15,781,000	95.8	16,640,000	64.28	1,069,654,000
1926	98.1	360,000	47.00	16,920,000	96.6	16,067,000	65.32	1,049,442,000
1928	----	343,000	43.00	14,749,000	----	14,768,000	66.68	984,763,000
1930	----	338,000	44.00	15,023,000	----	13,684,000	69.86	955,964,000
1931	97.9	331,000	41.00	13,420,000	96.2	13,169,000	60.42	795,725,000
1932	98.0	324,000	34.00	11,008,000	95.8	12,621,000	53.38	673,649,000
1933	98.0	318,000	31.00	9,902,000	96.6	12,197,000	53.76	655,653,000
1934	98.1	312,000	41.00	12,680,000	97.9	11,942,000	66.42	793,184,000

MULES AND MULE COLTS

1910	----	14,700	$122.03	$ 1,794,000	----	4,210,000	$120.20	$ 506,042,000
1920	----	31,000	102.26	3,170,000	----	5,475,000	148.46	812,828,000
1922	----	34,000	70.00	2,380,000	----	5,638,000	89.14	502,563,000
1924	----	38,000	61.00	2,318,000	----	5,908,000	85.89	507,435,000
1925	100.0	38,000	57.00	2,166,000	100.2	5,918,000	82.91	490,668,000
1926	97.3	37,000	59.00	2,183,000	99.7	5,903,000	81.51	481,153,000
1928	----	32,000	56.00	1,792,000	----	5,647,000	79.79	450,585,000
1930	----	30,000	57.00	1,721,000	----	5,366,000	83.76	449,480,000
1931	93.3	28,000	52.00	1,445,000	97.4	5,226,000	69.19	361,562,000
1932	100.0	28,000	42.00	1,179,000	98.0	5,120,000	60.56	310,058,000
1933	96.0	27,000	39.00	1,063,000	98.3	5,034,000	60.17	302,918,000
1934	96.0	26,000	51.00	1,332,000	98.0	4,931,000	81.56	402,171,000

TOTAL VALUE OF ALL LIVESTOCK JANUARY 1

	Colorado	United States		Colorado	United States
1910	$ 68,660,000	$4,910,408,000	1928	$116,507,000	$5,590,982,000
1920	152,936,000	7,931,471,000	1930	130,515,000	5,994,970,000
1922	89,908,000	4,650,149,000	1931	97,617,000	4,453,901,000
1924	84,926,000	4,736,825,000	1932	70,080,000	3,195,532,000
1925	87,831,000	4,670,532,000	1933	53,574,000	2,661,985,000
1926	97,053,000	4,982,493,000	1934	58,349,000	2,854,217,000

HORSES IN COLORADO, 1932 AND 1933

(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	4,658	$ 157,780	$33.87	4,976	$ 167,880	$33.74
Alamosa	1,292	63,815	49.39	1,415	64,475	45.57
Arapahoe	2,676	85,425	31.92	2,479	69,885	28.19
Archuleta	1,240	42,630	34.37	1,231	38,395	31.19
Baca	7,257	126,345	17.41	6,906	114,105	16.52
Bent	4,298	84,015	19.55	3,978	90,680	22.80
Boulder	2,889	104,370	36.13	3,274	116,100	35.46
Chaffee	809	29,475	36.43	834	27,900	33.45
Cheyenne	2,846	54,320	19.10	2,167	48,695	22.47
Clear Creek	192	6,560	34.17	229	6,510	28.43
Conejos	2,360	112,285	47.58	2,069	82,440	39.85
Costilla	1,088	35,000	32.16	1,320	45,120	34.18
Crowley	2,099	47,845	22.79	2,258	61,505	27.24
Custer	1,101	27,925	25.36	1,143	30,472	26.66
Delta	3,607	114,280	31.68	3,648	119,105	32.65
Denver	532	26,650	50.00	529	25,270	47.77
Dolores	531	11,785	22.19	490	8,340	17.02
Douglas	1,507	60,575	40.20	1,547	53,120	34.34
Eagle	1,958	59,166	30.22	2,131	66,142	31.04
Elbert	5,187	144,400	27.84	5,155	136,355	26.45
El Paso	5,082	107,850	21.22	4,846	108,480	22.39
Fremont	1,354	37,900	28.00	1,343	33,978	25.30
Garfield	4,425	127,360	28.78	5,308	175,205	33.01
Gilpin	122	2,975	24.39	125	3,465	27.72
Grand	1,992	42,190	21.18	1,948	41,445	21.28
Gunnison	2,407	74,295	30.87	3,115	84,510	27.13
Hinsdale	189	2,515	13.31	180	2,765	15.36
Huerfano	1,842	35,265	19.15	1,808	48,583	26.87
Jackson	2,956	53,810	18.20	3,138	54,530	17.38
Jefferson	2,776	50,985	18.37	2,879	57,480	19.97
Kiowa	941	28,230	30.00	804	24,120	30.00
Kit Carson	8,337	183,298	21.99	9,054	194,690	21.50
Lake	123	3,695	30.00	154	4,630	30.00
La Plata	2,507	54,765	21.84	2,677	59,860	22.36
Larimer	6,444	186,280	28.91	7,838	215,540	27.50
Las Animas	6,108	120,021	19.65	6,100	122,240	20.03
Lincoln	4,977	113,525	22.80	4,783	95,235	19.91
Logan	8,432	226,885	26.90	8,905	246,710	27.70
Mesa	5,265	146,805	27.88	4,749	144,730	30.48
Mineral	208	7,540	36.25	205	7,575	36.95
Moffat	4,326	74,060	17.12	4,123	69,850	16.94
Montezuma	2,389	56,965	23.84	2,424	55,735	22.99
Montrose	3,591	107,860	30.00	3,250	107,855	33.19
Morgan	7,829	228,980	29.25	7,277	212,570	29.21
Otero	4,659	131,385	28.20	4,906	128,990	26.29
Ouray	610	14,030	23.00	625	15,625	25.00
Park	1,743	47,800	27.42	1,656	51,850	31.31
Phillips	2,848	89,735	31.51	2,794	85,870	30.74
Pitkin	731	16,750	22.91	778	18,775	24.13
Prowers	7,843	150,734	19.22	8,329	142,327	17.09
Pueblo	3,685	83,155	22.57	4,263	114,530	26.87
Rio Blanco	2,555	55,485	21.72	2,520	71,430	28.35
Rio Grande	1,848	64,500	34.90	1,841	64,535	35.05
Routt	5,088	108,780	21.38	5,280	118,390	22.42
Saguache	2,158	56,855	26.34	1,817	58,570	32.23
San Juan	31	1,140	36.77	32	1,180	36.88
San Miguel	783	22,395	28.60	713	21,980	30.83
Sedgwick	2,029	63,840	31.46	2,188	61,475	28.10
Summit	445	12,015	27.00	435	12,445	28.61
Teller	694	20,630	29.73	614	18,760	30.55
Washington	8,473	171,565	20.25	8,038	180,857	22.50
Weld	19,512	651,850	33.40	19,547	657,940	33.66
Yuma	7,374	222,060	30.11	7,602	222,280	29.24
State	205,858	$5,453,404	$26.49	208,790	$5,592,084	$26.78

MULES IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	300	$ 12,970	$43.23	308	$ 11,300	$36.69
Alamosa	109	6,625	60.78	115	5,875	51.09
Arapahoe	149	5,280	35.43	164	5,760	35.12
Archuleta	66	1,640	24.85	47	1,265	26.91
Baca	533	12,920	24.24	633	15,585	24.62
Bent	416	11,547	27.76	455	14,445	31.75
Boulder	332	14,300	43.07	406	19,030	46.87
Chaffee	15	450	30.00	17	575	33.82
Cheyenne	241	6,180	25.64	209	5,075	24.28
Clear Creek	1	30	30.00	1	40	40.00
Conejos	237	11,745	49.58	248	12,440	50.16
Costilla	78	2,175	27.88	100	3,340	33.40
Crowley	310	9,285	29.95	382	11,905	31.16
Custer	43	1,095	25.46	27	785	29.07
Delta	333	13,285	39.89	324	13,130	40.52
Denver	47	1,970	41.92	32	1,170	36.56
Dolores	58	1,700	29.31	40	1,020	25.50
Douglas	75	3,100	41.33	72	2,395	33.26
Eagle	71	2,525	35.56	87	3,380	38.85
Elbert	541	17,235	31.86	604	17,815	29.50
El Paso	1,115	29,520	26.48	1,142	31,700	27.76
Fremont	118	3,465	29.36	193	6,385	33.08
Garfield	250	8,140	32.56	260	10,390	39.96
Gilpin	-----	-------	----	-----	-------	----
Grand	13	350	26.92	14	400	28.58
Gunnison	210	8,250	39.00	216	8,045	37.24
Hinsdale	2	25	12.50	1	10	10.00
Huerfano	211	8,625	40.88	217	8,590	39.59
Jackson	30	530	17.85	29	600	20.69
Jefferson	119	3,335	28.03	115	3,105	27.00
Kiowa	115	3,490	30.35	136	4,080	30.00
Kit Carson	696	18,747	26.94	1,006	26,450	26.29
Lake	-----	-------	----	-----	-------	----
La Plata	145	3,410	23.51	124	3,440	27.75
Larimer	595	24,520	41.21	634	25,350	39.98
Las Animas	615	14,970	24.34	650	15,822	24.34
Lincoln	482	11,465	23.78	582	13,340	22.92
Logan	660	24,500	37.13	686	25,725	37.50
Mesa	372	12,790	34.38	320	11,080	34.63
Mineral	12	610	50.83	14	700	50.00
Moffat	141	4,040	28.65	158	4,940	31.26
Montezuma	349	7,785	22.31	246	6,440	26.18
Montrose	250	8,610	34.44	250	8,180	32.72
Morgan	724	29,720	41.05	687	26,470	38.53
Otero	912	37,015	40.58	994	40,470	40.71
Ouray	33	660	20.00	40	665	16.63
Park	79	2,685	33.99	73	2,900	39.73
Phillips	347	13,865	39.96	353	13,430	38.00
Pitkin	27	605	22.41	25	655	26.20
Prowers	590	17,577	29.79	767	19,377	25.26
Pueblo	613	18,405	30.02	417	14,485	34.74
Rio Blanco	227	6,500	28.63	225	7,030	31.24
Rio Grande	404	14,415	35.68	400	14,325	35.81
Routt	93	2,335	25.10	91	2,580	28.35
Saguache	245	7,325	29.89	202	6,885	34.08
San Juan	37	1,095	29.59	39	1,250	32.05
San Miguel	47	1,250	26.59	41	1,200	29.27
Sedgwick	197	8,180	41.52	232	8,395	36.19
Summit	2	60	30.00	2	60	30.00
Teller	40	1,510	37.75	42	1,580	37.62
Washington	484	12,960	26.77	476	12,505	26.28
Weld	1,950	78,910	40.47	1,944	79,160	40.72
Yuma	1,018	35,710	35.08	1,136	38,230	33.65
State	18,524	$ 624,016	$33.69	19,450	$ 652,754	$33.56

RANGE CATTLE IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	7,775	$ 105,240	$13.54	6,845	$ 127,060	$18.56
Alamosa	6,876	96,606	14.05	7,313	118,520	16.21
Arapahoe	5,697	76,690	13.46	5,456	97,875	17.94
Archuleta	10,119	130,406	12.89	9,519	154,497	16.23
Baca	32,581	410,795	12.61	24,633	398,143	16.16
Bent	16,360	198,969	12.16	15,287	244,990	16.03
Boulder	6,276	84,450	13.46	7,014	140,120	19.98
Chaffee	6,159	85,470	13.88	4,364	104,655	23.98
Cheyenne	23,513	292,555	12.44	20,378	314,415	15.43
Clear Creek	206	3,250	15.78	259	4,920	19.00
Conejos	13,657	174,704	12.79	9,781	158,295	16.18
Costilla	1,769	23,440	13.25	1,705	26,890	15.77
Crowley	5,851	74,120	12.67	9,824	178,705	18.19
Custer	6,301	80,950	12.85	6,777	107,465	15.86
Delta	18,443	238,900	12.95	17,763	286,755	16.14
Denver	-----	-------	---	-----	-------	---
Dolores	3,524	46,470	13.19	3,420	54,740	16.01
Douglas	12,889	186,945	14.50	15,274	265,770	17.40
Eagle	17,501	235,747	13.47	16,849	280,130	16.63
Elbert	18,381	235,628	12.82	21,037	347,737	16.53
El Paso	21,115	279,510	13.24	21,160	414,080	19.57
Fremont	8,927	125,478	14.06	8,702	141,581	16.27
Garfield	27,619	428,960	15.53	28,956	478,770	16.53
Gilpin	503	6,624	13.17	499	10,160	20.36
Grand	12,470	209,245	16.78	11,944	209,110	17.51
Gunnison	31,970	414,430	12.96	30,797	487,770	15.84
Hinsdale	1,692	21,530	12.72	1,756	27,390	15.60
Huerfano	10,710	183,431	17.13	10,941	210,480	19.24
Jackson	31,020	395,510	12.75	30,497	515,240	16.89
Jefferson	7,852	105,655	13.46	9,511	158,950	16.71
Kiowa	15,735	192,210	12.22	13.476	220,240	16.34
Kit Carson	24,081	313,336	13.01	20,631	363,033	17.60
Lake	524	6,540	12.48	397	10,175	25.63
La Plata	13,930	171,210	12.29	13,637	209,600	15.37
Larimer	18,107	295,500	16.32	20,303	424,500	20.91
Las Animas	54,319	728,289	13.41	49,708	770,926	15.51
Lincoln	27,277	356,980	13.09	27,767	469,320	16.90
Logan	22,039	278,595	12.64	22,665	355,990	15.71
Mesa	35,624	453,195	12.72	34,569	554,120	16.03
Mineral	868	11,840	13.64	1,291	22,220	17.21
Moffat	16,626	240,010	14.44	13,779	225,635	16.38
Montezuma	12,557	165,660	13.19	10,208	161,645	15.84
Montrose	19,586	248,550	12.69	17,599	283,205	16.09
Morgan	11,164	137,270	12.30	12,002	192,170	16.01
Otero	11,763	151,770	12.90	10,954	183,735	16.77
Ouray	7,632	96,580	12.65	7,167	114,245	15.94
Park	13,661	189,860	13.90	14,005	259,620	18.54
Phillips	3,948	52,170	13.21	4,158	68,565	16.49
Pitkin	5,763	74,145	12.87	5,636	91,815	16.29
Prowers	20,189	252,667	12.52	19,597	302,160	15.38
Pueblo	14,147	193,361	13.67	19,091	324,305	16.99
Rio Blanco	34,469	439,040	12.74	30,845	490,920	15.92
Rio Grande	8,177	105,484	12.90	8,437	131,865	15.63
Routt	33,200	433,280	13.05	29,595	517,080	17.47
Saguache	25,359	333,923	13.17	23,184	359,184	15.49
San Juan	205	2,468	12.04	236	3,555	15.06
San Miguel	6,001	78,215	13.03	5,883	94,675	16.09
Sedgwick	5,986	75,994	12.70	5,267	92,780	17.62
Summit	3,144	46,065	14.65	3,073	58,155	18.92
Teller	4,824	61,665	12.78	4,711	75,815	16.09
Washington	26,550	360,040	13.57	25,078	387,211	15.44
Weld	32,572	442,890	13.60	27,440	454,360	16.56
Yuma	28,169	351,980	12.50	31,579	492,200	15.59
State	925,952	$12,292,490	$13.29	892,229	$14,830,237	$16.62

DAIRY CATTLE IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	6,765	$ 156,560	$23.14	7,110	$ 195,690	$27.52
Alamosa	1,130	17,289	15.30	1,174	31,895	27.17
Arapahoe	6,162	121,295	19.68	4,770	141,770	29.72
Archuleta	966	25,145	26.03	828	25,070	30.28
Baca	1,751	27,995	15.99	1,645	34,686	21.09
Bent	1,586	28,831	18.18	1,592	41,880	26.31
Boulder	5,948	117,830	19.81	6,215	157,650	25.37
Chaffee	890	19,850	22.30	827	24,705	29.87
Cheyenne	947	14,395	15.20	930	18,550	19.95
Clear Creek	96	3,120	32.50	67	2,540	37.91
Conejos	1,645	40,987	24.92	1,830	55,020	30.07
Costilla	475	7,725	16.26	462	11,535	24.97
Crowley	1,116	20,160	18.06	1,200	31,595	26.33
Custer	946	19,200	20.30	893	23,180	25.95
Delta	5,257	106,370	20.23	5,023	133,005	26.48
Denver	554	15,120	27.29	599	20,750	34.64
Dolores	463	7,035	15.19	199	4,750	23.87
Douglas	4,459	112,145	25.15	4,439	133,460	30.07
Eagle	1,267	31,675	25.00	1,218	36,540	30.00
Elbert	7,368	149,950	20.35	5,093	153,135	30.07
El Paso	9,431	172,650	18.31	10,008	238,400	23.82
Fremont	1,442	30,680	21.28	1,324	34,771	26.26
Garfield	3,454	81,315	23.54	3,640	111,345	30.59
Gilpin	49	1,190	24.29	44	1,305	29.66
Grand	1,210	18,685	15.44	1,220	24,490	20.07
Gunnison	1,235	29,370	23.78	1,187	28,580	24.08
Hinsdale	50	750	15.00	43	1,300	30.23
Huerfano	1,724	33,045	19.17	1,634	40,695	24.91
Jackson	722	18,050	25.00	707	21,210	30.00
Jefferson	5,641	106,720	18.92	4,944	130,195	26.33
Kiowa	670	12,475	18.62	498	14,950	30.02
Kit Carson	7,086	115,887	16.35	7,600	167,351	22.02
Lake	277	4,160	15.02	185	5,565	30.08
La Plata	2,277	45,280	19.89	2,096	59,765	28.51
Larimer	7,892	155,500	19.70	6,835	188,970	27.65
Las Animas	2,852	69,971	24.53	2,996	84,129	28.08
Lincoln	3,461	68,310	19.74	2,891	61,350	21.22
Logan	7,652	125,305	16.38	7,605	167,190	21.98
Mesa	8,790	156,790	17.84	5,724	172,920	30.21
Mineral	78	1,945	24.94	82	2,525	30.79
Moffat	1,525	29,455	19.31	1,306	31,160	23.86
Montezuma	3,204	63,840	19.93	2,922	58,440	20.00
Montrose	3,710	69,585	18.76	3,065	82,790	27.01
Morgan	7,391	130,420	17.65	6,144	148,490	24.17
Otero	3,647	74,270	20.36	3,579	86,545	24.18
Ouray	562	10,780	19.18	459	13,065	28.46
Park	791	12,125	15.33	688	21,070	30.63
Phillips	3,475	57,780	16.63	3,086	62,950	20.40
Pitkin	376	5,640	15.00	415	8,300	20.00
Prowers	4,972	78,598	15.81	4,015	86,262	21.48
Pueblo	4,722	90,710	19.21	4,481	130,845	29.20
Rio Blanco	782	21,330	27.28	717	26,720	37.27
Rio Grande	1,775	44,350	24.99	1,290	45,245	35.07
Routt	3,384	68,490	20.24	3,333	84,840	25.45
Saguache	1,032	16,305	15.80	650	13,580	20.89
San Juan	35	1,040	29.71	31	990	31.94
San Miguel	753	16,795	22.30	679	17,335	25.53
Sedgwick	2,463	44,520	18.08	2,320	53,560	23.09
Summit	301	6,020	20.00	260	7,800	30.00
Teller	1,003	23,790	23.72	678	21,095	31.11
Washington	4,895	86,440	17.66	3,398	88,580	26.07
Weld	20,035	370,600	18.50	21,074	585,190	27.77
Yuma	6,347	98,810	15.57	6,046	124,140	20.53
State	192,964	$3,712,448	$19.24	178,013	$4,633,404	$26.03

SHEEP IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	3,735	$ 7,490	$ 2.00	2,520	$ 6,760	$ 2.68
Alamosa	16,708	35,635	2.13	12,555	28,110	2.24
Arapahoe	7,310	14,620	2.00	4,722	10,625	2.25
Archuleta	23,806	48,256	2.03	27,770	55,831	2.01
Baca	7,632	15,275	2.00	7,458	15,350	2.06
Bent	8,349	16,697	2.00	10,135	20,270	2.00
Boulder	2,369	5,040	2.13	4,309	9,720	2.26
Chaffee	5,632	11,700	2.08	4,527	15,315	3.38
Cheyenne	11,761	23,525	2.00	10,424	20,850	2.00
Clear Creek	104	260	2.50	150	380	2.53
Conejos	85,523	171,593	2.01	82,334	167,240	2.03
Costilla	18,355	36,710	2.00	18,198	36,405	2.00
Crowley	3,393	6,830	2.01	7,675	15,350	2.00
Custer	3,132	6,334	2.02	3,829	7,640	2.00
Delta	48,350	96,850	2.00	69,009	142,755	2.07
Denver	-----	-------	----	-----	-------	----
Dolores	17,074	34,150	2.00	21,640	43,280	2.00
Douglas	1,025	2,050	2.00	3,012	6,205	2.06
Eagle	23,735	47,470	2.00	24,445	61,128	2.50
Elbert	13,494	26,818	2.00	9,801	24,445	2.49
El Paso	6,519	13,140	2.02	5,311	10,990	2.07
Fremont	1,687	3,374	2.00	2,615	6,104	2.34
Garfield	73,766	149,280	2.02	104,832	263,865	2.52
Gilpin	-----	-------	----	-----	-------	----
Grand	11,085	22,170	2.00	10,918	26,495	2.43
Gunnison	53,106	108,680	2.05	56,445	124,350	2.20
Hinsdale	3,696	7,390	2.00	3,070	7,675	2.50
Huerfano	23,115	46,645	2.02	21,471	47,470	2.21
Jackson	32,018	64,210	2.00	33,265	66,530	2.00
Jefferson	1,712	3,530	2.06	1,529	5,850	3.83
Kiowa	8,120	16,240	2.00	8,900	18,080	2.03
Kit Carson	5,212	10,437	2.00	4,163	9,786	2.35
Lake	250	500	2.00	250	500	2.00
La Plata	20,301	40,880	2.01	31,110	62,220	2.00
Larimer	9,500	19,000	2.00	15,577	38,470	2.47
Las Animas	87,743	175,486	2.00	81,384	164,772	2.03
Lincoln	10,862	21,725	2.00	11,350	24,545	2.16
Logan	2,265	4,530	2.00	3,042	6,510	2.14
Mesa	68,166	139,815	2.05	70,748	141,500	2.00
Mineral	14,463	28,945	2.00	11,420	23,835	2.09
Moffat	114,363	246,713	2.16	94,645	189,290	2.00
Montezuma	33,750	67,505	2.00	35,512	71,700	2.02
Montrose	71,155	142,630	2.00	76,111	154,275	2.03
Morgan	2,970	5,940	2.00	1,650	3,300	2.00
Otero	23,577	47,320	2.01	31,321	64,330	2.05
Ouray	16,810	33,620	2.00	17,312	34,624	2.00
Park	43,545	88,325	2.03	47,068	97,235	2.07
Phillips	780	1,575	2.02	334	740	2.21
Pitkin	16,512	33,025	2.00	15,934	34,860	2.19
Prowers	5,679	11,780	2.07	10,390	20,779	2.00
Pueblo	6,799	13,774	2.03	10,445	21,085	2.02
Rio Blanco	72,293	144,665	2.00	70,524	176,060	2.50
Rio Grande	36,188	72,380	2.00	40,150	80,300	2.00
Routt	79,562	167,170	2.10	72,027	163,620	2.27
Saguache	65,428	130,856	2.00	69,233	138,466	2.00
San Juan	8,364	17,008	2.03	9,864	19,729	2.00
San Miguel	38,800	77,610	2.00	40,291	82,980	2.05
Sedgwick	132	264	2.00	378	755	2.00
Summit	1,257	2,515	2.00	1,338	3,010	2.25
Teller	9	25	2.77	-----	-------	----
Weshington	14,597	29,195	2.00	12,683	25,365	2.00
Weld	27,630	55,260	2.00	27,457	55,190	2.01
Yuma	1,755	3,510	2.00	1,943	4,340	2.23
State	1,417,028	$2,875,945	$ 2.03	1,488,523	$3,179,239	$ 2.13

SWINE IN COLORADO, 1932 AND 1933

(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	10,953	$ 32,600	$ 2.98	12,766	$ 60,300	$ 4.72
Alamosa	883	4,470	5.06	993	6,615	6.66
Arapahoe	1,998	7,995	4.00	1,982	10,685	5.39
Archuleta	444	1,828	4.52	498	2,162	4.34
Baca	11,007	25,235	2.29	10,530	36,025	3.42
Bent	3,173	8,042	2.53	2,244	9,710	4.33
Boulder	1,238	3,920	3.17	1,980	10,810	5.46
Chaffee	873	2,865	3.28	1,080	4,330	4.01
Cheyenne	1,604	5,445	3.40	3,221	12,040	3.73
Clear Creek	-----	-------	----	-----	-------	----
Conejos	2,170	7,388	3.40	2,451	14,930	6.09
Costilla	1,129	3,870	3.76	1,175	5,505	4.69
Crowley	1,189	2,905	2.44	2,296	7,755	3.38
Custer	353	997	2.79	463	1,726	3.73
Delta	2,367	6,935	2.93	2,493	9,865	3.96
Denver	-----	-------	----	-----	-------	----
Dolores	206	675	3.28	100	535	5.35
Douglas	655	1,745	2.66	1,187	4,865	4.10
Eagle	334	1,072	3.21	505	1,779	3.52
Elbert	3,335	11,268	3.38	7,932	27,370	3.45
El Paso	3,825	11,550	3.02	4,076	18,670	4.58
Fremont	1,058	3,043	2.87	1,420	6,425	4.52
Garfield	2,920	9,165	3.14	3,077	14,610	4.75
Gilpin	-----	-------	----	-----	-------	----
Grand	94	435	4.63	105	790	7.52
Gunnison	141	390	2.70	134	590	4.40
Hinsdale	-----	-------	----	-----	-------	----
Huerfano	320	1,075	3.36	489	2,510	5.13
Jackson	32	160	5.00	40	200	5.00
Jefferson	1,204	4,405	3.66	1,119	5,940	5.31
Kiowa	895	4,370	4.88	1,101	6,810	6.19
Kit Carson	12,825	33,319	2.60	20,051	77,842	3.88
Lake	-----	-------	----	-----	-------	----
La Plata	1,076	3,480	3.23	1,233	5,685	4.61
Larimer	2,735	8,310	3.04	3,237	17,780	5.49
Las Animas	1,350	6,478	4.80	1,489	7,946	5.34
Lincoln	4,692	12,760	2.72	6,816	27,990	4.11
Logan	12,800	33,720	2.63	18,000	65,440	3.64
Mesa	2,625	9,045	3.44	2,670	17,225	6.70
Mineral	-----	-------	----	-----	-------	----
Moffat	448	1,517	3.86	813	2,530	3.11
Montezuma	1,445	4,870	3.40	1,896	6,355	3.35
Montrose	2,451	7,355	3.00	2,245	13,445	5.99
Morgan	9,831	23,500	2.39	8,422	35,920	4.27
Otero	4,830	13,530	2.80	6,481	23,090	3.56
Ouray	250	625	2.50	366	915	2.50
Park	44	125	2.86	49	240	4.90
Phillips	7,498	21,735	2.90	7,658	30,960	4.04
Pitkin	202	580	2.88	189	825	4.37
Prowers	7,219	19,248	2.67	8,784	31,416	3.58
Pueblo	2,282	6,464	2.85	3,026	10,845	3.58
Rio Blanco	217	965	4.00	246	2,250	9.15
Rio Grande	2,063	9,475	4.59	1,612	9,432	5.85
Routt	1,155	3,910	3.38	1,300	6,230	4.79
Saguache	854	3,010	3.52	679	2,186	3.22
San Juan	-----	-------	----	-----	-------	----
San Miguel	105	450	4.28	127	650	5.12
Sedgwick	5,246	18,233	3.48	4,587	21,355	4.65
Summit	31	290	9.35	40	280	7.00
Teller	55	245	4.45	86	475	5.52
Washington	15,535	42,935	2.76	15,482	55,475	3.58
Weld	9,370	30,310	3.23	11,378	58,100	5.11
Yuma	16,208	47,050	2.90	20,050	77,070	3.58
State	179,842	$ 527,382	$ 2.93	214,469	$ 893,504	$ 4.17

FOXES IN COLORADO, 1932 AND 1933

(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	34	$ 1,050	$30.88	15	$ 480	$32.00
Alamosa	-----	-------	----	-----	-------	----
Arapahoe	88	2,200	25.00	54	1,400	25.92
Archuleta	-----	-------	----	-----	-------	----
Baca	24	480	20.00	39	975	25.00
Bent	-----	-------	----	-----	-------	----
Boulder	450	11,160	24.80	388	9,680	24.95
Chaffee	15	375	25.00	10	300	30.00
Cheyenne	-----	-------	----	-----	-------	----
Clear Creek	*26	390	15.00	10	250	25.00
Conejos	-----	-------	----	-----	-------	----
Costilla	25	500	20.00	20	500	25.00
Crowley	3	75	25.00	-----	-------	----
Custer	81	1,620	20.00	60	1,500	25.00
Delta	*8	80	10.00	-----	-------	----
Denver	-----	-------	----	-----	-------	----
Dolores	-----	-------	----	-----	-------	----
Douglas	194	3,880	20.00	243	5,575	22.94
Eagle	52	1,040	20.00	44	1,100	25.00
Elbert	-----	-------	----	50	1,250	25.00
El Paso	726	17,990	24.78	788	19,710	25.01
Fremont	-----	-------	----	-----	-------	----
Garfield	115	2,220	19.30	134	3,350	25.00
Gilpin	20	420	21.00	38	890	23.42
Grand	-----	-------	----	20	500	25.00
Gunnison	90	1,840	20.00	79	1,905	24.11
Hinsdale	-----	-------	----	-----	-------	----
Huerfano	*40	500	12.50	20	500	25.00
Jackson	15	300	20.00	18	360	20.00
Jefferson	*1,368	20,750	15.17	1,290	31,760	24.62
Kiowa	-----	-------	----	-----	-------	----
Kit Carson	-----	-------	----	-----	-------	----
Lake	-----	-------	----	-----	-------	----
La Plata	110	2,200	20.00	107	2,675	25.00
Larimer	184	4,600	25.00	178	4,450	25.00
Las Animas	-----	-------	----	-----	-------	----
Lincoln	-----	-------	----	-----	-------	----
Logan	-----	-------	----	-----	-------	----
Mesa	17	450	26.47	6	150	25.00
Mineral	-----	-------	----	-----	-------	----
Moffat	12	300	25.00	20	500	25.00
Montezuma	80	1,650	20.62	82	2,050	25.00
Montrose	*68	1,120	16.45	60	1,550	25.83
Morgan	36	720	20.00	63	1,590	25.24
Otero	-----	-------	----	-----	-------	----
Ouray	-----	-------	----	-----	-------	----
Park	72	1,440	20.00	86	2,100	24.42
Phillips	-----	-------	----	-----	-------	----
Pitkin	-----	-------	----	34	850	25.00
Prowers	-----	-------	----	-----	-------	----
Pueblo	57	1,420	24.91	32	800	25.00
Rio Blanco	220	4,400	20.00	140	3,500	25.00
Rio Grande	101	2,020	20.00	146	3,650	25.00
Routt	*54	1,030	19.07	42	720	17.14
Saguache	-----	-------	----	-----	-------	----
San Juan	-----	-------	----	-----	-------	----
San Miguel	6	240	40.00	8	400	50.00
Sedgwick	30	600	20.00	30	1,500	50.00
Summit	1	25	25.00	4	100	25.00
Teller	36	720	20.00	100	1,750	17.50
Washington	-----	-------	----	-----	-------	----
Weld	-----	-------	----	-----	-------	----
Yuma	-----	-------	----	-----	-------	----
State	4,458	$ 89,805	$20.14	4,458	$ 110,320	$24.75

*Mixed foxes.

GOATS IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	-----	-------	----	-----	-------	----
Alamosa	-----	-------	----	-----	-------	----
Arapahoe	246	$ 1,685	$ 6.84	93	$ 515	$ 5.54
Archuleta	990	2,024	2.04	1,011	1,897	1.88
Baca	-----	-------	----	-----	-------	----
Bent	-----	-------	----	-----	-------	----
Boulder	-----	-------	----	-----	-------	----
Chaffee	23	105	4.56	43	140	3.26
Cheyenne	-----	-------	----	-----	-------	----
Clear Creek	21	210	10.00	18	180	10.00
Conejos	-----	-------	----	-----	-------	----
Costilla	145	290	2.00	130	270	2.08
Crowley	20	85	4.25	13	60	4.62
Custer	16	32	2.00	15	30	2.00
Delta	1,042	1,150	1.10	61	195	3.20
Denver	-----	-------	----	-----	-------	----
Dolores	-----	-------	----	-----	-------	----
Douglas	37	100	2.70	545	925	1.70
Eagle	7	14	2.00	4	10	2.50
Elbert	-----	-------	----	-----	-------	----
El Paso	219	870	4.00	320	1,870	5.84
Fremont	127	390	3.07	80	225	2.81
Garfield	-----	-------	----	-----	-------	----
Gilpin	20	60	3.00	-----	-------	----
Grand	-----	-------	----	-----	-------	----
Gunnison	165	200	1.20	186	275	1.48
Hinsdale	-----	-------	----	-----	-------	----
Huerfano	260	525	2.02	243	460	1.89
Jackson	54	170	3.25	4	40	10.00
Jefferson	320	1,405	4.39	365	1,405	3.84
Kiowa	-----	-------	----	-----	-------	----
Kit Carson	41	92	2.25	57	133	2.33
Lake	-----	-------	----	-----	-------	----
La Plata	494	590	1.19	611	635	1.04
Larimer	100	200	2.00	46	140	3.04
Las Animas	5,778	9,505	1.65	3,410	5,680	1.67
Lincoln	-----	-------	----	-----	-------	----
Logan	-----	-------	----	-----	-------	----
Mesa	2,112	2,165	1.02	4,950	5,175	1.05
Mineral	-----	-------	----	-----	-------	----
Moffat	88	260	2.95	103	210	2.04
Montezuma	155	250	1.61	111	225	2.03
Montrose	-----	-------	----	-----	-------	----
Morgan	-----	-------	----	-----	-------	----
Otero	-----	-------	----	-----	-------	----
Ouray	-----	-------	----	-----	-------	----
Park	23	55	2.39	41	175	4.27
Phillips	-----	-------	----	-----	-------	----
Pitkin	10	20	2.00	10	30	3.00
Prowers	90	160	1.78	82	144	1.76
Pueblo	234	555	2.37	311	1,400	4.50
Rio Blanco	-----	-------	----	-----	-------	----
Rio Grande	-----	-------	----	-----	-------	----
Routt	-----	-------	----	-----	-------	----
Saguache	-----	-------	----	-----	-------	----
San Juan	-----	-------	----	-----	-------	----
San Miguel	-----	-------	----	-----	-------	----
Sedgwick	-----	-------	----	-----	-------	----
Summit	-----	-------	----	-----	-------	----
Teller	81	170	2.09	30	60	2.00
Washington	-----	-------	----	-----	-------	----
Weld	-----	-------	----	-----	-------	----
Yuma	15	30	2.00	13	30	2.31
State	12,933	$ 23,367	$ 1.81	12,906	$ 22,534	$ 1.75

AVERAGE VALUE OF HORSES PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$33.87	$33.74	$32.86	$35.26	$35.29	$36.13	$87.30	$73.58
Alamosa	49.39	45.57	56.02	58.93	56.15	59.86	73.33	43.74
Arapahoe	31.92	28.19	32.39	36.20	35.24	33.66	68.36	62.86
Archuleta	34.37	31.19	30.08	31.55	33.39	35.64	61.72	44.12
Baca	17.41	16.52	18.94	18.10	19.85	23.05	45.00	34.20
Bent	19.55	22.80	36.33	26.57	28.22	28.09	57.71	58.20
Boulder	36.13	35.46	35.96	40.73	41.15	42.63	113.04	83.55
Chaffee	36.43	33.45	36.60	41.39	47.37	45.81	62.88	55.67
Cheyenne	19.10	22.47	25.49	25.11	25.80	26.12	59.09	40.61
Clear Creek	34.17	28.43	35.79	41.33	38.30	38.36	66.39	70.03
Conejos	47.58	39.85	42.25	39.96	39.79	39.44	75.40	66.50
Costilla	32.16	34.18	25.03	35.44	37.14	43.27	74.50	46.12
Crowley	22.79	27.24	33.73	34.20	35.19	34.98	67.61	70.03
Custer	25.36	26.66	29.06	29.58	29.25	29.67	67.51	60.36
Delta	31.68	32.65	32.54	35.02	35.52	36.96	85.01	75.17
Denver	50.00	47.77	44.08	45.97	74.07	44.74	100.00	63.79
Dolores	22.19	17.02	24.06	23.60	29.77	32.75	78.72	67.70
Douglas	40.20	34.34	52.24	50.98	51.55	50.57	68.79	64.17
Eagle	30.22	31.04	33.97	37.89	41.88	41.81	81.94	66.91
Elbert	27.84	26.45	31.74	32.22	33.41	34.56	68.20	56.00
El Paso	21.22	22.39	28.19	29.63	29.49	28.00	67.00	60.19
Fremont	28.00	25.30	29.01	29.61	30.73	32.60	53.72	56.64
Garfield	28.78	33.01	36.50	41.29	38.15	39.15	72.03	65.20
Gilpin	24.39	27.72	31.77	29.88	33.70	35.69	60.48	58.22
Grand	21.18	21.28	26.20	26.84	29.72	28.76	64.08	55.01
Gunnison	30.87	27.13	37.22	39.24	38.94	39.45	70.06	61.99
Hinsdale	13.31	15.36	23.42	32.61	32.93	31.87	58.00	52.09
Huerfano	19.15	26.87	28.08	27.73	28.77	30.23	64.50	74.11
Jackson	18.20	17.38	20.41	19.55	18.69	19.45	48.88	61.53
Jefferson	18.37	19.97	27.37	33.19	32.06	32.52	71.19	75.13
Kiowa	30.00	30.00	40.00	39.96	40.00	40.00	59.65	45.57
Kit Carson	21.99	21.50	30.71	35.94	28.59	27.76	52.13	58.58
Lake	30.00	30.00	41.50	35.73	37.00	36.67	73.95	88.15
La Plata	21.84	22.36	25.00	28.32	30.55	30.86	69.20	67.54
Larimer	28.91	27.50	33.62	34.48	35.20	41.52	112.00	87.30
Las Animas	19.65	20.03	19.98	20.14	21.74	20.98	49.70	61.00
Lincoln	22.80	19.91	23.21	24.03	23.01	22.63	54.83	52.33
Logan	26.90	27.70	31.07	32.47	35.40	36.84	93.29	66.24
Mesa	27.88	30.48	34.77	36.41	35.15	37.32	73.29	60.26
Mineral	36.25	36.95	29.98	28.46	26.48	27.14	54.71	48.72
Moffat	17.12	16.94	19.32	19.75	18.41	20.04	63.00	50.60
Montezuma	23.84	22.99	37.88	29.32	31.54	32.65	71.20	90.00
Montrose	30.00	33.19	35.38	31.33	37.37	38.25	81.39	71.77
Morgan	29.25	29.21	31.46	32.90	37.00	38.50	87.84	80.40
Otero	28.20	26.29	30.93	33.91	35.05	30.41	74.41	75.82
Ouray	23.00	25.00	28.00	28.08	30.56	32.97	55.95	68.87
Park	27.42	31.31	34.25	35.83	39.93	40.20	71.14	60.99
Phillips	31.51	30.74	32.35	32.22	32.36	38.87	66.40	58.09
Pitkin	22.91	24.13	25.94	32.35	36.47	40.32	71.29	64.98
Prowers	19.22	17.09	20.56	21.05	28.25	37.62	62.00	61.15
Pueblo	22.57	26.87	33.27	35.25	38.55	40.07	68.70	60.07
Rio Blanco	21.72	28.35	33.17	33.13	31.73	31.40	57.94	55.86
Rio Grande	34.90	35.05	38.74	43.53	47.37	49.36	75.70	72.30
Routt	21.38	22.42	35.38	37.20	38.02	36.99	75.58	68.79
Saguache	26.34	32.23	33.82	33.50	32.50	34.20	51.00	36.94
San Juan	36.77	36.88	48.24	51.25	70.64	48.11	68.25	72.57
San Miguel	28.60	30.83	40.93	46.59	46.42	47.73	81.00	70.99
Sedgwick	31.46	28.10	37.73	39.28	41.99	40.67	62.05	68.45
Summit	27.00	28.61	34.87	38.00	40.00	43.00	80.24	64.78
Teller	29.73	30.55	32.47	25.09	39.71	39.69	57.06	54.38
Washington	20.25	22.50	24.22	25.08	24.87	25.80	59.19	62.47
Weld	33.40	33.66	37.58	38.58	42.26	42.06	89.34	80.86
Yuma	30.11	29.24	30.89	33.55	35.00	33.71	60.00	58.03
State	$26.49	$26.78	$30.92	$32.33	$33.75	$34.23	$71.16	$65.08

AVERAGE VALUE OF MULES PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$ 43.23	$ 36.69	$ 38.20	$ 38.47	$ 36.04	$ 36.67	$113.50	$ 93.64
Alamosa	60.78	51.09	71.93	72.62	71.96	78.31	111.90	81.57
Arapahoe	35.43	35.12	39.00	41.08	41.94	41.18	84.73	82.05
Archuleta	24.85	26.91	32.33	37.97	41.18	41.09	60.00	63.71
Baca	24.24	24.62	25.56	25.40	26.65	30.52	60.00	45.97
Bent	27.76	31.75	36.74	40.07	39.07	35.06	70.25	68.11
Boulder	43.07	46.87	48.57	51.26	53.16	51.39	114.81	88.59
Chaffee	30.00	33.82	40.00	42.78	27.50	56.00	85.00	100.00
Cheyenne	25.64	24.28	30.43	33.40	32.91	35.18	81.56	73.34
Clear Creek	30.00	40.00	....	15.00	30.00	28.75	62.50	112.50
Conejos	49.58	50.16	49.12	50.00	46.92	49.13	87.00	98.53
Costilla	27.88	33.40	47.85	36.58	40.72	44.28	76.68	100.73
Crowley	29.95	31.16	39.48	46.13	47.81	48.40	84.74	94.80
Custer	25.46	29.07	29.08	34.48	30.52	30.50	67.80	53.21
Delta	39.89	40.52	40.03	44.34	42.60	41.08	95.20	102.97
Denver	41.92	36.56	31.32	46.23	58.55	84.06	100.00	77.16
Dolores	29.31	25.50	29.45	29.37	29.45	29.38	105.78	80.83
Douglas	41.33	33.26	49.76	51.45	52.30	58.25	97.10	63.15
Eagle	35.56	38.85	46.47	51.10	51.47	54.09	78.30	96.15
Elbert	31.86	29.50	34.85	38.61	39.72	39.18	87.89	72.37
El Paso	26.48	27.76	32.40	35.10	34.86	35.19	89.00	82.92
Fremont	29.36	33.08	38.02	52.28	49.18	57.00	78.00	72.75
Garfield	32.56	39.96	45.26	46.60	43.56	44.65	96.42	78.77
Gilpin	....	....	25.00	30.00	30.00	26.25	75.00	56.00
Grand	26.92	28.58	35.36	30.00	46.21	32.88	62.66	67.27
Gunnison	39.00	37.24	39.49	50.40	48.30	51.13	104.89	100.48
Hinsdale	12.50	10.00	15.00	....	....	....	53.00	66.66
Huerfano	40.88	39.59	44.53	78.37	80.32	83.10	122.00	97.91
Jackson	17.85	20.69	27.04	26.54	27.47	32.20	84.68	72.76
Jefferson	28.03	27.00	37.61	44.06	42.92	48.45	102.45	110.00
Kiowa	30.35	30.00	40.00	40.00	40.00	40.00	95.04	93.09
Kit Carson	26.94	26.29	33.53	37.05	33.02	30.58	58.04	66.02
Lake	....	....	....	50.00	25.00	....	73.20	....
La Plata	23.51	27.75	25.12	28.65	41.17	31.32	72.28	64.73
Larimer	41.21	39.98	41.27	38.25	52.00	51.90	123.40	111.74
Las Animas	24.34	24.34	59.87	59.41	52.74	70.34	103.00	93.16
Lincoln	23.78	22.92	29.14	30.77	30.31	28.74	89.52	67.20
Logan	37.13	37.50	40.66	41.07	41.66	41.24	106.98	87.25
Mesa	34.38	34.63	39.47	42.58	42.06	47.59	87.82	86.92
Mineral	50.83	50.00	49.33	59.16	53.33	56.25	84.00	35.00
Moffat	28.65	31.26	32.19	32.11	31.23	33.07	85.40	105.84
Montezuma	22.31	26.18	44.25	32.85	34.65	35.72	82.60	100.00
Montrose	34.44	32.72	34.35	37.81	38.23	39.25	98.89	94.19
Morgan	41.05	38.53	41.99	44.92	42.52	44.56	95.56	105.34
Otero	40.58	40.71	47.45	49.84	52.01	44.04	98.78	103.63
Ouray	20.00	16.63	25.00	27.17	34.32	44.44	62.04	71.71
Park	33.99	39.73	43.51	54.44	53.24	52.10	81.80	117.20
Phillips	39.96	38.00	41.15	41.65	37.50	40.00	83.87	74.07
Pitkin	22.41	26.20	31.67	24.29	34.47	39.33	101.33	50.00
Prowers	29.79	25.26	27.99	29.11	34.46	27.03	80.00	78.79
Pueblo	30.02	34.74	46.28	47.09	45.47	49.80	100.89	83.09
Rio Blanco	28.63	31.24	37.67	38.74	39.85	42.35	92.30	93.57
Rio Grande	35.68	35.81	45.26	51.52	52.66	55.66	113.08	107.43
Routt	25.10	28.35	40.00	50.00	....	....	93.00	90.27
Saguache	29.89	34.08	38.22	38.60	36.47	38.33	80.00	62.76
San Juan	29.59	32.05	31.33	40.66	41.21	43.39	76.81	74.25
San Miguel	26.59	29.27	38.33	39.68	44.34	46.31	79.59	81.00
Sedgwick	41.52	36.19	47.55	44.51	45.16	45.18	88.10	81.10
Summit	30.00	30.00	35.00	30.00	56.00	50.00	75.00	77.14
Teller	37.75	37.62	41.77	60.75	55.37	54.00	83.20	74.03
Washington	26.77	26.28	26.54	27.60	27.92	28.43	79.02	84.53
Weld	40.47	40.72	43.73	43.65	50.27	49.83	100.26	101.33
Yuma	35.08	33.65	36.51	38.92	39.66	38.78	72.00	67.58
State	$ 33.69	$ 33.56	$ 39.02	$ 41.70	$ 41.92	$ 42.63	$ 88.56	$ 85.03

AVERAGE VALUE OF RANGE CATTLE PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$13.54	$18.56	$27.48	$33.03	$35.65	$31.44	$43.00	$32.0
Alamosa	14.05	16.21	27.18	32.80	32.24	28.32	44.24	35.0
Arapahoe	13.46	17.94	27.29	35.40	35.18	30.02	41.29	30.7
Archuleta	12.89	16.23	26.15	34.39	34.42	30.65	45.00	25.4
Baca	12.61	16.16	26.23	34.14	34.48	29.56	41.00	26.5
Bent	12.16	16.03	25.54	34.04	33.51	28.86	41.88	35.4
Boulder	13.46	19.98	27.07	33.20	33.95	31.81	52.08	28.6
Chaffee	13.88	23.98	28.11	34.48	33.36	29.34	42.47	32.4
Cheyenne	12.44	15.43	25.60	33.62	33.02	33.90	45.87	39.8
Clear Creek	15.78	19.00	25.81	35.31	34.74	28.60	41.44	40.3
Conejos	12.79	16.18	26.05	35.64	34.02	28.01	42.00	37.4
Costilla	13.25	15.77	25.58	33.92	32.53	30.05	43.00	36.6
Crowley	12.67	18.19	25.94	33.59	34.12	29.32	44.85	34.7
Custer	12.85	15.86	26.00	33.49	31.54	31.04	41.85	35.0
Delta	12.95	16.14	26.77	33.81	33.83	29.18	45.05	35.4
Denver	....	....	....	....	....	....	....	....
Dolores	13.19	16.01	27.27	35.23	32.46	30.10	45.57	33.6
Douglas	14.50	17.40	31.13	37.97	37.18	30.05	47.50	32.3
Eagle	13.47	16.63	27.49	35.24	35.17	28.00	44.87	33.5
Elbert	12.82	16.53	26.46	33.52	33.19	31.53	43.66	26.2
El Paso	13.24	19.57	29.94	35.29	34.54	29.49	42.71	31.9
Fremont	14.06	16.27	27.13	34.04	32.64	28.55	42.70	30.2
Garfield	15.53	16.53	26.61	34.72	32.99	28.40	42.61	34.5
Gilpin	13.17	20.36	25.88	32.39	32.12	28.87	40.00	30.1
Grand	16.78	17.51	27.80	36.34	34.48	32.28	45.27	37.2
Gunnison	12.96	15.84	26.07	34.05	34.22	28.19	47.97	36.6
Hinsdale	12.72	15.60	26.14	33.71	32.90	28.00	42.00	30.2
Huerfano	17.13	19.24	26.66	35.22	35.97	28.70	42.00	36.6
Jackson	12.75	16.89	28.11	33.69	39.81	28.65	44.99	39.9
Jefferson	13.46	16.71	28.09	34.60	34.29	30.37	46.17	35.9
Kiowa	12.22	16.34	27.37	33.71	33.54	28.81	44.92	35.2
Kit Carson	13.01	17.60	26.26	33.55	36.38	33.73	42.95	29.5
Lake	12.48	25.63	34.71	35.76	36.27	28.99	42.53	34.6
La Plata	12.29	15.37	25.49	33.32	32.72	28.64	40.40	30.2
Larimer	16.32	20.91	27.89	34.13	34.26	29.56	42.25	31.8
Las Animas	13.41	15.51	25.42	35.80	34.37	28.55	44.00	32.5
Lincoln	13.09	16.90	26.55	33.58	31.71	29.54	44.13	33.1
Logan	12.64	15.71	26.14	34.18	33.23	29.03	48.21	35.1
Mesa	12.72	16.03	26.77	32.90	32.21	29.12	43.20	36.6
Mineral	13.64	17.21	26.95	35.71	34.47	29.06	40.00	29.9
Moffat	14.44	16.38	27.02	33.21	34.33	30.35	42.50	39.0
Montezuma	13.19	15.84	26.84	31.74	31.46	30.07	42.33	32.7
Montrose	12.69	16.09	25.73	33.28	32.27	28.28	46.44	35.4
Morgan	12.30	16.01	25.45	32.48	32.25	30.53	41.71	41.7
Otero	12.90	16.77	26.58	32.86	35.52	30.07	43.22	42.3
Ouray	12.65	15.94	25.80	32.29	32.86	28.44	42.26	35.0
Park	13.90	18.54	29.82	34.61	35.60	31.40	44.09	35.0
Phillips	13.21	16.49	27.67	32.63	33.58	28.05	45.26	35.0
Pitkin	12.87	16.29	27.54	34.18	36.04	30.16	48.20	30.6
Prowers	12.52	15.38	25.58	33.04	32.73	29.17	41.70	32.2
Pueblo	13.67	16.99	26.64	34.63	34.18	30.70	45.73	36.0
Rio Blanco	12.74	15.92	26.38	33.39	33.70	28.71	44.00	35.7
Rio Grande	12.90	15.63	25.40	32.93	32.61	29.04	40.61	34.7
Routt	13.05	17.47	28.13	37.06	33.44	29.94	58.65	36.6
Saguache	13.17	15.49	26.18	33.38	33.59	29.61	34.55	33.6
San Juan	12.04	15.06	25.55	35.17	35.38	29.05	47.21	....
San Miguel	13.03	16.09	25.57	33.13	31.75	32.34	47.96	38.0
Sedgwick	12.70	17.62	26.15	33.52	33.29	30.28	41.60	35.2
Summit	14.65	18.92	25.80	33.79	33.63	33.00	54.66	35.1
Teller	12.78	16.09	29.99	35.48	34.69	28.06	40.17	33.4
Washington	13.57	15.44	25.48	33.46	32.60	30.61	41.88	35.2
Weld	13.60	16.56	26.86	34.38	34.30	29.80	44.38	35.3
Yuma	12.50	15.59	25.69	33.33	37.87	29.71	41.25	35.2
State	$13.29	$16.62	$26.73	$34.13	$34.06	$29.65	$44.30	$34.7

AVERAGE VALUE OF DAIRY CATTLE PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$23.14	$27.52	$40.61	$47.49	$46.48	$51.65	$78.28	$52.17
Alamosa	15.30	27.17	43.71	49.99	49.88	43.67	75.14	53.00
Arapahoe	19.68	29.72	45.25	52.25	55.80	50.53	78.30	55.40
Archuleta	26.03	30.28	50.10	50.22	50.31	49.67	67.20	42.31
Baca	15.99	21.09	31.83	42.63	44.68	50.00	66.00	....
Bent	18.18	26.31	36.52	46.63	47.28	50.52	62.26	58.25
Boulder	19.81	25.37	36.60	44.39	50.50	49.16	74.60	50.84
Chaffee	22.30	29.87	35.97	49.80	46.21	51.89	68.29	48.62
Cheyenne	15.20	19.95	30.36	52.17	41.27	50.09	65.27	....
Clear Creek	32.50	37.91	45.92	49.70	52.60	50.91	65.10	50.00
Conejos	24.92	30.07	42.12	47.73	47.49	50.00	65.00	45.00
Costilla	16.26	24.97	49.73	50.10	47.64	50.38	76.23	50.27
Crowley	18.06	26.33	38.37	50.20	50.36	46.57	66.77	48.29
Custer	20.30	25.95	42.29	43.67	44.35	49.94	60.13	43.98
Delta	20.23	26.48	40.25	50.00	51.76	52.21	78.66	63.00
Denver	27.29	34.64	51.66	43.69	49.15	54.18	80.00	47.95
Dolores	15.19	23.87	36.60	40.64	42.06	50.00	69.86	44.59
Douglas	25.15	30.07	50.59	50.01	55.50	52.19	77.62	50.52
Eagle	25.00	30.00	40.00	50.00	50.00	50.00	71.75	46.53
Elbert	20.35	30.07	40.31	50.12	48.78	50.25	68.47	43.16
El Paso	18.31	23.82	38.03	48.18	49.65	51.90	61.00	52.74
Fremont	21.28	26.26	45.17	53.34	43.68	51.51	72.00	44.71
Garfield	23.54	30.59	45.45	50.31	50.07	50.11	68.39	48.25
Gilpin	24.29	29.66	42.11	44.10	41.59	40.00	60.00	....
Grand	15.44	20.07	30.16	50.17	50.57	49.94	66.38	50.00
Gunnison	23.78	24.08	39.74	50.02	58.08	50.08	71.00	....
Hinsdale	15.00	30.23	40.53	40.24	40.13	50.00	64.00	50.16
Huerfano	19.17	24.91	35.38	43.35	50.01	50.23	95.00	....
Jackson	25.00	30.00	40.00	50.00	50.00	50.00	65.00	55.00
Jefferson	18.92	26.33	43.89	51.44	49.86	50.46	80.00	60.13
Kiowa	18.62	30.02	50.00	50.00	50.00	50.00	64.75	....
Kit Carson	16.35	22.02	38.18	50.37	48.70	46.73	61.14	42.63
Lake	15.02	30.08	50.16	49.97	52.61	51.52	64.92	58.24
La Plata	19.89	28.51	40.29	50.24	49.12	50.21	69.77	50.49
Larimer	19.70	27.65	46.97	48.35	49.99	51.26	77.00	51.30
Las Animas	24.53	28.08	43.29	43.37	40.97	50.12	74.00	56.89
Lincoln	19.74	21.22	33.42	46.38	40.49	50.00	65.06	....
Logan	16.38	21.98	32.20	42.90	48.28	50.00	72.61	50.25
Mesa	17.84	30.21	42.17	50.05	50.00	47.50	70.16	48.67
Mineral	24.94	30.79	43.10	47.11	41.87	50.32	65.77	46.40
Moffat	19.31	23.86	36.41	47.91	42.00	48.80	65.00	....
Montezuma	19.93	20.00	36.59	50.09	49.79	48.93	66.81	45.02
Montrose	18.76	27.01	37.53	50.01	48.20	50.60	72.54	58.26
Morgan	17.65	24.17	34.61	41.24	46.36	51.10	65.38	48.14
Otero	20.36	24.18	36.95	52.04	49.71	50.64	71.36	58.50
Ouray	19.18	28.46	36.26	46.50	50.05	50.00	64.83	44.88
Park	15.33	30.63	41.52	50.16	49.75	48.39	65.00	55.00
Phillips	16.63	20.40	33.69	40.00	40.54	40.24	62.85	48.69
Pitkin	15.00	20.00	30.05	40.00	40.00	50.00	75.00	55.00
Prowers	15.81	21.48	32.82	42.87	45.70	45.84	73.50	59.26
Pueblo	19.21	29.20	40.07	46.36	45.77	47.10	72.52	51.39
Rio Blanco	27.28	37.27	44.08	51 23	44.33	50.09	70.23	53.57
Rio Grande	24.99	35.07	44.05	50.00	50.24	49.27	70.00	50.64
Routt	20.24	25.45	40.33	50.19	50.20	50.08	72.45	50.50
Saguache	15.80	20.89	39.87	50.04	50.00	50.00	60.00	....
San Juan	29.71	31.94	47.02	42.22	41.40	40.69	65.16	57.10
San Miguel	22.30	25.53	38.78	49.73	49.91	50.00	76.90	63.86
Sedgwick	18.08	23.09	38.43	43 88	47.51	49.58	69.13	49.58
Summit	20.00	30.00	40.00	40.00	40.00	40.00	75.00	....
Teller	23.72	31.11	41.40	42.28	41.21	50.00	60.09	46.05
Washington	17.66	26.07	36.69	35.26	41.96	50.22	75.30	61.76
Weld	18.50	27.77	36.95	45.46	47.57	49.68	75.18	51.87
Yuma	15.57	20.53	30.84	40.93	43.95	50.21	65.37	....
State	$19.24	$26.03	$38.87	$46.94	$47.82	$49.78	$71.06	$51.10

AVERAGE VALUE OF SHEEP PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$ 2.00	$ 2.68	$ 3.51	$ 5.50	$ 8.00	$ 8.00	$ 7.39	$ 3.02
Alamosa	2.13	2.24	3.71	6.13	8.03	8.15	10.20	2.47
Arapahoe	2.00	2.25	3.50	5.54	8.00	8.00	10.00	3.50
Archuleta	2.03	2.01	3.50	5.53	8.12	8.20	10.00	3.00
Baca	2.00	2.06	3.50	5.50	8.00	8.00	9.00	2.50
Bent	2.00	2.00	3.50	5.50	7.23	8.00	9.40	2.64
Boulder	2.13	2.26	3.58	5.50	7.25	8.00	9.34	3.33
Chaffee	2.08	3.38	3.63	5.55	8.18	9.04	10.00	3.88
Cheyenne	2.00	2.00	3.51	5.52	7.45	8.08	10.01	3.00
Clear Creek	2.50	2.53	3.50	5.50	6.19	8.01	10.00	....
Conejos	2.01	2.03	3.59	5.51	7.91	8.03	10.00	2.74
Costilla	2.00	2.00	3.50	5.50	7.70	8.00	10.27	3.00
Crowley	2.01	2.00	3.54	5.52	6.50	8.71	8.23	3.06
Custer	2.02	2.00	3.50	5.50	7.35	8.11	10.00	2.62
Delta	2.00	2.07	3.56	5.53	8.26	8.15	11.16	3.99
Denver	....	....	....	....	....	....	....	....
Dolores	2.00	2.00	4.46	5.50	6.98	8.38	10.53	4.00
Douglas	2.00	2.06	3.65	7.84	8.01	8.00	10.00	....
Eagle	2.00	2.50	4.00	5.50	8.00	8.00	9.80	2.99
Elbert	2.00	2.49	3.64	5.58	6.37	8.00	9.55	2.39
El Paso	2.02	2.07	3.95	5.53	7.59	8.00	10.00	2.49
Fremont	2.00	2.34	3.60	5.59	6.34	8.00	....	....
Garfield	2.02	2.52	3.51	5.52	8.01	8.02	10.00	3.96
Gilpin	....	....	3.54	....	....	8.00	10.00	....
Grand	2.00	2.43	3.56	5.65	7.57	8.00	10.00	2.51
Gunnison	2.05	2.20	3.52	5.63	7.93	8.40	11.91	4.00
Hinsdale	2.00	2.50	3.50	5.44	5.76	8.00	10.00	3.64
Huerfano	2.02	2.21	3.54	5.51	7.41	8.01	10.00	3.04
Jackson	2.00	2.00	3.51	5.50	6.61	8.00	10.07	2.70
Jefferson	2.06	3.83	3.76	5.50	6.54	8.00	10.00	4.02
Kiowa	2.00	2.03	3.50	5.50	6.15	8.00	10.00	3.00
Kit Carson	2.00	2.35	3.76	5.50	7.30	8.01	10.88	3.03
Lake	2.00	2.00	3.50	5.50	6.66	8.54	11.60	2.55
La Plata	2.01	2.00	3.50	5.50	5.82	8.00	10.15	2.74
Larimer	2.00	2.47	3.50	5.98	7.21	8.00	10.26	2.48
Las Animas	2.00	2.03	3.50	6.15	7.83	8.08	10.00	3.49
Lincoln	2.00	2.16	3.51	5.51	7.65	8.00	10.07	2.49
Logan	2.00	2.14	3.50	5.50	3.97	8.00	10.81	4.06
Mesa	2.05	2.00	3.64	5.60	7.85	8.00	10.85	3.93
Mineral	2.00	2.09	3.50	5.73	7.68	8.46	10.00	3.49
Moffat	2.16	2.00	3.59	5.60	6.83	8.25	11.20	3.99
Montezuma	2.00	2.02	4.75	5.50	6.99	8.10	10.35	4.00
Montrose	2.00	2.03	3.48	5.50	7.05	8.28	13.03	3.57
Morgan	2.00	2.00	3.43	5.50	4.48	8.00	10.00	2.65
Otero	2.01	2.05	3.50	5.50	6.56	8.16	9.72	2.71
Ouray	2.00	2.00	3.50	5.50	7.53	8.00	15.70	3.96
Park	2.03	2.07	3.88	5.86	7.86	8.00	9.47	2.75
Phillips	2.02	2.21	3.68	6.00	8.12	10.00	....	....
Pitkin	2.00	2.19	3.50	5.71	7.97	8.05	10.00	1.84
Prowers	2.07	2.00	3.50	5.50	3.69	8.00	8.16	2.35
Pueblo	2.03	2.02	3.57	5.50	7.03	8.03	12.75	3.71
Rio Blanco	2.00	2.50	3.50	5.65	8.00	8.00	12.02	....
Rio Grande	2.00	2.00	3.50	5.50	6.62	8.36	10.03	3.56
Routt	2.10	2.27	3.83	5.74	7.33	8.07	12.50	3.50
Saguache	2.00	2.00	3.54	5.65	8.02	8.32	10.00	2.47
San Juan	2.03	2.00	3.50	5.51	7.68	8.02	10.01	3.97
San Miguel	2.00	2.05	3.50	5.53	7.73	8.00	10.72	2.69
Sedgwick	2.00	2.00	3.50	5.50	7.26	8.00	5.97	2.79
Summit	2.00	2.25	3.50	5.50	8.00	8.00	12.00	4.00
Teller	2.77	....	3.55	5.53	7.39	8.42	....	....
Washington	2.00	2.00	3.56	5.51	6.99	8.01	9.05	3.39
Weld	2.00	2.01	3.50	5.50	7.34	8.04	11.14	2.67
Yuma	2.00	2.23	3.50	5.65	6.31	8.14	10.10	2.88
State	$ 2.03	$ 2.13	$ 3.61	$ 5.61	$ 7.41	$ 8.12	$10.46	$ 3.12

AVERAGE VALUE OF SWINE PER HEAD AS RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1928, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1928	1919	1914
Adams	$ 2.98	$ 4.72	$ 9.20	$ 7.75	$ 9.02	$10.64	$15.06	$ 9.03
Alamosa	5.06	6.66	11.51	11.66	11.71	10.84	16.96	8.30
Arapahoe	4.00	5.39	9.19	10.14	8.18	8.28	15.00	9.31
Archuleta	4.52	4.34	6.05	7.69	7.69	7.01	10.50	5.89
Baca	2.29	3.42	7.68	8.76	8.64	9.19	12.00	4.45
Bent	2.53	4.33	8.46	11.10	10.52	7.93	9.77	5.89
Boulder	3.17	5.46	9.76	10.39	10.52	9.37	16.47	10.29
Chaffee	3.28	4.01	7.20	8.46	9.40	9.13	11.19	6.21
Cheyenne	3.40	3.73	7.40	10.01	10.78	11.14	20.67	7.58
Clear Creek	....	....	....	....	12.00	....	18.12	....
Conejos	3.40	6.09	11.44	11.39	8.91	10.61	13.00	6.48
Costilla	3.76	4.69	6.90	9.72	10.01	9.75	14.00	7.17
Crowley	2.44	3.38	9.84	9.84	9.59	10.07	12.93	5.94
Custer	2.79	3.73	7.02	7.31	7.38	7.54	13.48	5.10
Delta	2.93	3.96	7.38	9 47	8.61	9.01	12.53	7.66
Denver	....	....	....	....	....	....	....	....
Dolores	3.28	5.35	8.18	14.07	8.97	9.14	12.90	7.33
Douglas	2.66	4.10	9.97	10.52	11.42	10.93	15.04	7.90
Eagle	3.21	3.52	12.00	12.00	12.00	12.00	12.16	5.41
Elbert	3.38	3.45	10.11	10.69	10.38	9.15	16.35	7.09
El Paso	3.02	4.58	8.71	10.05	9.93	9.87	16.47	7.44
Fremont	2.87	4.52	8.35	8.93	8.64	8.60	13.80	6.59
Garfield	3.14	4.75	8.79	9.53	9.57	9.94	10.70	5.17
Gilpin	....	....	....	11.00	11.00	10.00	20.00	....
Grand	4.63	7.52	9.89	10.00	10.00	10.00	13.96	5.00
Gunnison	2.70	4.40	7.22	9.19	8.70	8.33	13.59	7.61
Hinsdale	....	....	....	....	....	6.67	7.00	5.00
Huerfano	3.36	5.13	7.98	9.06	8.21	8.18	15.00	6.23
Jackson	5.00	5.00	10.00	10.00	10.76	11.81	12.24	10.00
Jefferson	3.66	5.31	10.00	7.74	9.38	9.78	17.00	9.00
Kiowa	4.88	6.19	9.70	12.57	12.83	10.69	17.75	7.54
Kit Carson	2.60	3.88	8.73	10.24	10.23	10.22	15.94	7.88
Lake	....	....	....	....	....	....	....	....
La Plata	3.23	4.61	7.68	6.81	7.77	6.72	11.47	6.26
Larimer	3.04	5.49	9.52	9.50	9.62	9.72	19.00	8.12
Las Animas	4.80	5.34	8.55	11.05	7.84	10.08	9.00	12.65
Lincoln	2.72	4.11	8.58	9.42	9.73	10.10	15.35	6.77
Logan	2.63	3.64	8.87	9.70	9.32	8.51	15.63	9.11
Mesa	3.44	6.70	9.47	11.31	11.03	12.28	....	6.82
Mineral	....	....	....	....	....	10.00	11.25	....
Moffat	3.86	3.11	9.02	10.53	9.96	8.99	12.00	5.93
Montezuma	3.40	3.35	9.25	6.71	6.40	6.71	11.21	10.00
Montrose	3.00	5.99	8.00	9.73	9.08	8.64	12.86	5.71
Morgan	2.39	4.27	8.94	8.14	9.51	10.12	14.14	8.08
Otero	2.80	3.56	8.62	9.62	8.74	9.21	13.57	7.26
Ouray	2.50	2.50	6.00	7.00	6.93	7.00	10.52	6.24
Park	2.86	4.90	7.58	11.00	11.78	11.16	15.40	11.78
Phillips	2.90	4.04	8.95	10.05	10.25	11.19	16.56	9.90
Pitkin	2.88	4.37	10.23	8.38	9.73	8.12	14.00	5.51
Prowers	2.67	3.58	8.76	8.71	9.40	7.92	14.20	6.13
Pueblo	2.85	3.58	7.34	7.57	7.54	7.36	14.19	6.17
Rio Blanco	4.00	9.15	9.19	10.00	10.00	10.00	13.27	7.59
Rio Grande	4.59	5.85	12.59	13.71	12.03	11.89	16.10	8.41
Routt	3.38	4.79	9.23	9.28	6.50	8.86	17.95	8.20
Saguache	3.52	3.22	11.37	12.68	13.43	14.98	15.52	8.30
San Juan	....	....	....	....	....	....	....	....
San Miguel	4.28	5.12	8.30	9.67	10.30	8.52	14.25	7.44
Sedgwick	3.48	4.65	11.32	12.83	12.33	11.59	18.23	10.65
Summit	9.35	7.00	12.00	12.00	15.00	15.00	15.00	10.00
Teller	4.45	5.52	7.99	10.10	9.19	9.34	10.93	5.90
Washington	2.76	3.58	8.61	9.82	9.89	9.39	15.79	8.83
Weld	3.23	5.11	9.88	10.38	10.43	9.49	14.90	8.44
Yuma	2.90	3.58	8.79	10.47	10.80	10.64	18.90	8.24
State	$ 2.93	$ 4.17	$ 8.96	$ 9.76	$ 9.77	$ 9.73	$15.14	$ 7.86

ASSESSED VALUE OF LIVESTOCK IN COLORADO, 1933 AND 1932

(Compiled from Records of the State Tax Commission)

COUNTY	1933										1932
	Horses	Mules	Range Cattle	Dairy Cattle	Sheep	Swine	Foxes	Goats	All Other Animals*	Total	Total
Adams	$ 157,780	$ 12,970	$ 105,240	$ 156,560	$ 7,490	$ 32,600	$ 1,050	.....	$ 1,280	$ 474,970	$ 571,440
Alamosa	63,815	6,625	96,606	17,289	35,635	4,470	.....	.....	.....	224,440	255,490
Arapahoe	85,425	5,280	76,690	121,295	14,620	7,995	2,200	$ 1,685	2,885	318,075	339,145
Archuleta	42,630	1,640	130,406	25,145	48,256	1,828	.....	2,024	118	252,047	279,249
Baca	126,345	12,920	410,795	27,995	15,275	25,235	480	.....	.....	619,045	617,269
Bent	84,015	11,547	198,969	28,831	16,697	8,042	.....	.....	.....	348,101	421,975
Boulder	104,370	14,300	84,450	117,830	5,040	3,920	11,160	.....	490	341,560	463,800
Chaffee	29,475	450	85,470	19,850	11,700	2,865	375	105	4,385	154,675	181,540
Cheyenne	54,320	6,180	292,555	14,395	23,525	5,445	.....	.....	.....	396,420	419,625
Clear Creek	6,560	30	3,250	3,120	260	.....	390	210	.....	13,820	14,820
Conejos	112,285	11,745	174,704	40,987	171,593	7,388	.....	.....	5,151	523,853	490,365
Costilla	35,000	2,175	23,440	7,725	36,710	3,870	500	290	.....	109,710	129,605
Crowley	47,845	9,285	74,120	20,160	6,830	2,905	75	85	425	161,730	307,100
Custer	27,925	1,095	80,950	19,200	6,334	997	1,620	32	.....	138,153	172,798
Delta	114,280	13,285	238,900	106,370	96,850	6,935	80	1,150	215	578,065	704,880
Denver	26,650	1,970	.....	15,120	.....	.....	.....	.....	11,920	55,660	54,750
Dolores	11,785	1,700	46,470	7,035	34,150	675	.....	.....	.....	101,815	113,400
Douglas	60,575	3,100	186,945	112,145	2,050	1,745	3,880	100	6,555	377,095	477,895
Eagle	59,166	2,525	235,747	31,675	47,470	1,072	1,040	14	.....	378,709	450,209
Elbert	144,400	17,235	235,628	149,950	26,818	11,268	.....	.....	351	585,650	708,397
El Paso	107,850	29,520	279,510	172,650	13,140	11,550	17,990	870	8,060	641,140	853,560
Fremont	37,900	3,465	125,478	30,680	3,374	3,043	.....	390	144	204,474	229,589
Garfield	127,360	8,140	428,960	81,315	149,280	9,165	2,220	.....	.....	806,440	1,057,535
Gilpin	2,975	.....	6,624	1,190	.....	.....	420	60	.....	11,269	15,820
Grand	42,190	350	209,245	18,685	22,170	435	.....	.....	.....	293,075	303,230
Gunnison	74,295	8,250	414,430	29,370	108,680	390	1,840	200	400	637,855	736,435
Hinsdale	2,515	25	21,530	750	7,390	.....	.....	.....	10	32,220	39,140
Huerfano	35,265	8,625	183,431	33,045	46,645	1,075	500	525	.....	309,111	359,288
Jackson	53,810	530	395,510	18,050	64,210	160	300	170	650	533,390	659,540
Jefferson	50,985	3,335	105,655	106,720	3,530	4,405	20,750	1,405	2,890	299,675	397,920

Kiowa	28,230	3,490	192,210	12,475	16,240	4,370	.....	.....	11,440	268,455	299,950
Kit Carson	183,298	18,747	313,336	115,887	10,437	33,319	.....	92	1,171	676,287	839,464
Lake	3,695	.....	6,540	4,160	500	.....	.....	.....	.....	14,895	20,870
La Plata	54,765	3,410	171,210	45,280	40,880	3,480	2,200	590	11,225	333,040	403,995
Larimer	186,280	24,520	295,500	155,500	19,000	8,310	4,600	200	.....	693,910	915,200
Las Animas	120,021	14,970	728,289	69,971	175,486	6,478	.....	9,505	1,602	1,126,322	1,171,935
Lincoln	113,525	11,465	356,980	68,310	21,725	12,760	.....	.....	.....	584,765	691,780
Logan	226,885	24,500	278,595	125,305	4,530	33,720	.....	.....	5,320	698,855	872,155
Mesa	146,805	12,790	453,195	156,790	139,815	9,045	450	2,165	380	921,435	1,046,900
Mineral	7,540	610	11,840	1,945	28,945	.....	.....	.....	.....	50,880	56,855
Moffat	74,060	4,040	240,010	29,455	246,713	1,517	300	260	60	596,415	524,115
Montezuma	56,965	7,785	165,660	63,840	67,505	4,870	1,650	250	.....	368,525	363,390
Montrose	107,860	8,610	248,550	69,585	142,630	7,355	1,120	.....	.....	585,710	651,300
Morgan	228,980	29,720	137,270	130,420	5,940	23,500	720	.....	.....	556,550	620,510
Otero	131,385	37,015	151,770	74,270	47,320	13,530	.....	.....	.....	455,290	527,160
Ouray	14,030	660	96,580	10,780	33,620	625	.....	.....	.....	156,295	179,139
Park	47,800	2,685	189,860	12,125	88,325	125	1,440	55	490	342,905	435,560
Phillips	89,735	13,865	52,170	57,780	1,575	21,735	.....	.....	690	237,550	262,825
Pitkin	16,750	605	74,145	5,640	33,025	580	.....	20	.....	130,765	156,110
Prowers	150,734	17,577	252,667	78,598	11,780	19,248	.....	160	3,837	534,601	602,465
Pueblo	83,155	18,405	193,361	90,710	13,774	6,464	1,420	555	125	407,969	618,880
Rio Blanco	55,485	6,500	439,040	21,330	144,665	965	4,400	.....	.....	672,385	777,910
Rio Grande	64,500	14,415	105,484	44,350	72,380	9,475	2,020	.....	2,425	315,049	355,042
Routt	108,780	2,335	433,280	68,490	167,170	3,910	1,030	.....	4,110	789,105	896,180
Saguache	56,855	7,325	333,923	16,305	130,856	3,010	.....	.....	.....	548,274	579,446
San Juan	1,140	1,095	2,468	1,040	17,008	.....	.....	.....	499	23,250	26,704
San Miguel	22,395	1,250	78,215	16,795	77,610	450	240	.....	630	197,645	220,210
Sedgwick	63,840	8,180	75,994	44,520	264	18,233	600	.....	670	212,301	240,250
Summit	12,015	60	46,065	6,020	2,515	290	25	.....	.....	66,990	81,850
Teller	20,630	1,510	61,665	23,790	25	245	720	170	880	109,635	120,155
Washington	171,565	12,960	360,040	86,440	29,195	42,935	.....	.....	840	703,975	749,993
Weld	651,850	78,910	442,890	370,600	55,260	30,310	.....	.....	41,620	1,671,440	1,981,250
Yuma	222,060	35,710	351,980	98,810	3,510	47,050	.....	30	830	759,980	959,050
State	$5,453,404	$ 624,016	$12,292,490	$3,712,448	$2,875,945	$ 527,382	$ 89,805	$ 23,367	$ 134,833	$25,733,690	$30,074,407

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

*Includes rabbits and smaller animals.

Co-operative Marketing Associations

THE 24th Colorado general assembly adopted an act, approved March 30, 1923, authorizing the formation of non-profit co-operative associations, with or without capital, for the purpose of encouraging the orderly marketing of agricultural products through co-operation and providing for the management and regulation of same. Another act creating the office of director of markets was approved April 23, 1923. The director is given supervision over the co-operative associations and authority to co-operate with the United States department of agriculture in grading and standardizing agricultural products.

Fifty-seven associations, most of which are organized under the co-operative laws, were reporting to the director of markets as of June 1, 1934. The associations reported a total membership of 23,666 and did a gross business during 1933 aggregating $16,654,503. The gross business reported by the associations in 1931 was $21,064,538. The net returns for 1932 aggregated $21,321,747 and the reserves amounted to $376,577.

A table is published herewith giving a list of the co-operative associations, their addresses, the number of members and gross returns for 1933. Differing in their details of operation, all of the marketing associations have one common purpose: the merchandising of their members' products in an orderly manner over a definite period of time. Many of them make "advances" to the members at delivery time; and the total returns always are prorated between all the members on a basis of volume and grade. Thus the farmer receives the average price which his association received for all of the crop, less the usual handling charges and association overhead.

Since the passage of the agricultural marketing act and the formation of the federal farm board, a number of Colorado associations have become affiliated with the national co-operative sales organizations sponsored by the government department. These sales organizations are designed to coordinate the activities of the state and regional associations of each commodity, and handle the entire sales of the co-operative members.

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

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

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

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

Farms reporting:	
1930	6,783
1925	10,828
1920	5,847
Sales:	
1929	$ 8,399,417
1924	21,090,456
1919	9,303,346

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

Farms reporting:	
1930	3,339
1925	3,703
1920	5,613
Purchases:	
1929	$ 804,378
1924	883,318
1919	1,658,358

The Colorado director of markets also administers a commercial feed control division for the regulation and maintenance of quality of commercial feed products; a commission merchants' inspection act, which requires the bonding of merchants, the furnishing to growers of complete sales accounts of transactions, and the inspection of records by the directors; a poultry dealers' inspection service, turkey grading supervision and a fruit and vegetable inspection service.

COLORADO CO-OPERATIVE MARKET ASSOCIATIONS, NUMBER OF MEMBERS AND GROSS RECEIPTS, 1933

(From the Reports of the Director of Markets)

ASSOCIATION	Manager	Address	Members	Gross Receipts
LIVESTOCK MARKETING AND SHIPPING:				
Akron Union Livestock Shipping Association	Frank Andrews	Akron	257	$ 107,361.74
San Luis Valley Co-operative Livestock Association	(Inoperative)	Alamosa	...	.....
Mesa County Livestock Shipping Association	E. A. Birch	Grand Junction	350	12,210.69
Intermountain Livestock Shipping Association	F. E. Hanks	Denver	1,153	2,423,040.63
Western Livestock Shipping Association	J. F. Wilson	Olathe	409	60,162.39
Sterling Co-operative Livestock Shipping Association	J. A. August	Sterling	[1]	[1]
WOOL:				
Colorado Wool Marketing Association	L. W. Clough	Denver	528	725,000.00
FLOWERS:				
Colorado Flower Growers Co-operative Association	A. Alenius	Denver	79	7,627.90
SEED:				
Pikes Peak Certified Seed Potato Association	A. F. Hoffman, Jr.	Divide	[2]	[2]
HONEY:				
Western Colorado Honey Exchange	W. H. Kendle	Montrose	20	7,117.93
OIL:				
Consumers Oil Company	F. W. Nichols	Roggen	55	34,534.54
Equity Co-operative Oil Company	J. H. Liston	Yuma	500	42,893.83
MELONS:				
Crowley County Melon Growers Association	E. M. Haise	Manzanola	[1]	
CREAMERY AND DAIRY:				
North Fork Creamery Association	Mrs. Wanda Henry	Hotchkiss	187	[2]
Valley Creamery Association	L. P. Morse	Grand Junction	200	25,946.20
Colorado Springs Milk Producers	Leon Snyder	Colorado Springs	62	New
Pueblo Dairymen's Co-operative, Inc.	Frank Richards	Pueblo	92	[3]
Pueblo Retail Milk Producers	E. L. Eden	Pueblo	19	104,673.00
Pueblo Dairy Exchange	Leo Oyler	Pueblo	2	49,022.97
Colorado Dairymen's Co-operative, Inc.	J. H. Mapes	Denver	2,162	1,073,649.51
Surface Creek Dairy Association	G. G. Williams	Eckert	152	40,192.08
Fremont County Dairymen's Co-operative, Inc.	(Inoperative)			
Montrose Co-operative Creamery Association	Hiram Burritt	Montrose	198	33,970.97
Plateau Creamery Association	Geo. LaGrange	Collbran	134	31,949.12
San Luis Valley Dairymen's Co-operative	(Inoperative)			
Western Slope Co-operative Creameries, Inc.	Rex Rankin	Grand Junction	6	111,572.69
Montezuma Creamery Association	T. P. Kuhre	Cortez	300	41,206.41
Rye Co-operative Creamery Association	W. R. Christiansen	Rye	31	35,522.25
POULTRY AND EGGS:				
Colorado Poultry and Egg Producers, Inc.	Paul Messer	Denver	453	[2]
Colorado Poultry Association	John Mack	Delta	1,267	138,448.29

[1]Temporarily inoperative. [2]No report. [3]Included in Pueblo Dairy Exchange.

COLORADO CO-OPERATIVE MARKET ASSOCIATIONS, NUMBER OF MEMBERS AND GROSS RECEIPTS, 1933—Continued

(From the Reports of the Director of Markets)

ASSOCIATION	Manager	Address	Members	Gross Receipts
BEETS:				
Mountain States Beet Marketing Association	J. D. Pancake	Greeley	5,560	9,000,000.00
Southern Colorado Beet Growers Association	H. H. Hampton	Manzanola	975	800,000.00
HAY:				
Fountain Valley Hay Producers	(Inoperative)		...	.....
FRUITS:				
United Fruit Growers Association	R. A. Fender	Palisade	290	355,000.00
Austin Fruit Association	G. H. Dixon	Austin	[2]	[2]
POTATOES:				
Colorado Potato Growers Exchange	F. W. Heppe	Denver	2,732	429,278.01
WHEAT:				
Colorado Wheat Growers Association	Harry Brickham	Denver	1,725	[4]
Colorado Grain Growers, Inc.	Harry Brickham	Denver	[4]	375,200.00
BEANS:				
Pinto Bean Growers Warehouse Association	M. H. Hasstedt	Trinidad	1,500	[4]
VEGETABLES:				
Del Norte Vegetable Growers Association	M. I. Chenoweth	Del Norte	20	16,701.37
Yampa Valley Lettuce Growers Association	R. C. Kauffman	Yampa	47	.....
Colorado Co-operative Lettuce Association	F. D. Tompkins	Buena Vista	10	8,579.36
Vegetable Producers Co-operative Association	C. A. Gerall	Denver	387	350,514.03
Blanca Vegetable Growers Association	E. F. Smith	Blanca	14	3,409.67
Mountain Vegetables Growers Association	S. Yoritoma	Blanca	...	Inactive
Wet Mountain Valley Vegetable Growers Association	Percy Hopper	Westcliffe	120	27,516.72
Culebra Creek Vegetables Producers Association	Vincente Gonzales	San Pablo	52	7,241.66
Pueblo, Vegetables, Inc.	John A. Williams	Pueblo	[2]	[2]
Rocky Ford Onion Growers Association	Herman Fauber	Rocky Ford	[3]	[3]
Avon Lettuce Growers Association	(Inoperative)		...	.....
Conejos County Vegetable Growers Association	A. O. Johnson	La Jara	125	60,190.85
TURKEYS:				
Arkansas Valley Turkey Growers Association	J. W. Dymond	Pueblo	50	[2]
Denver Turkey Growers Co-operative, Inc.	R. J. Jordan	Arvada	38	8,195.00
Kiowa County Turkey Growers Association	A. E. Nelson	Eads	310	13,823.19
Lincoln County Turkey Growers Association	Guy H. Reece	Hugo	325	17,394.38
San Juan Turkey Marketing Association	.....	Allison	540	58,595.48
GENERAL:				
San Juan Co-operative Marketing Association	E. I. Jones	Durango	230	16,768.00
Totals			23,666	$16,654,503.86

[2]No report. [4]Colorado Grain Growers, Inc., is parent organization for the Colorado Wheat Growers Association and the Pinto Bean Growers Warehouse Association. [3]Affiliated with the Colorado Potato Growers Exchange.

Dairying

DAIRYING ranks as one of Colorado's most important industries. The farms and factories of the state produced in the 11 years ending June 30, 1933, dairy products, including milk, butter, ice cream, cheese and evaporated, condensed and malted milk, to the value of $286,592,121, as reported by the state dairy commissioner. That is equal to an average annual value of $26,054,000. The maximum was established in 1929, with a value of $33,134,695, and the minimum in 1933, when the total value of the output was $16,261,330, a decrease of 50.9 per cent. The decrease between 1929 and 1933 resulted principally from the lower prices received for the products and some curtailment of output due to decreased consumption.

The value of factory products, butter, cheese, condensed milk, ice cream, etc., and the total value of all products, including the output of the factories, as reported by the state dairy commissioner, for fiscal years ending June 30, are as follows:

	Factory Products	All Dairy Products
1923	$11,354,477	$23,348,356
1924	14,004,422	28,543,590
1925	12,114,710	25,832,969
1926	13,450,855	26,430,336
1927	14,533,764	28,902,412
1928	17,117,396	31,453,025
1929	18,553,840	33,134,695
1930	15,308,386	28,635,025
1931	12,690,913	24,164,509
1932	10,245,134	19,885,874
1933	8,618,733	16,261,330

To arrive at an estimate of the volume of dairy products produced, all manufactured products, the estimated fluid milk consumption and farm butter were converted into terms of pounds of butterfat beginning with the fiscal year ending June 30, 1931. These, estimated on the basis of butterfat production, are as follows:

	Pounds
1931	42,127,731
1932	42,333,205
1933	40,865,403

The production of butter, as reported by the dairy commissioner for fiscal years, including butter made on the farms and in factories, is as follows:

	Pounds	Value
1923	21,726,717	$9,342,487
1924	26,166,488	11,644,087
1925	23,572,142	8,817,707
1926	*19,965,779	*8,087,273
1927	24,200,138	11,374,065
1928	26,468,663	12,175,584
1929	26,664,857	12,932,456
1930	27,604,776	10,213,767
1931	25,800,119	8,753,977
1932	27,032,644	7,515,075
1933	26,578,470	6,106,048

*Exclusive of farm butter.

The production of cheese of all varieties increased from 1,657,073 pounds, valued at $342,344 in 1923, to 5,121,326 pounds, valued at $520,613, in 1933, a gain in 11 years of 3,464,253 pounds and $178,271 in value. The output and value in fiscal years are as follows:

	Pounds	Value
1923	1,657,073	$342,344
1924	2,489,642	591,867
1925	1,867,045	412,598
1926	1,971,280	288,048
1927	2,350,565	407,868
1928	3,860,816	748,031
1929	5,344,006	1,023,190
1930	5,553,597	986,768
1931	4,765,004	609,638
1932	4,899,066	511,066
1933	5,121,326	520,615

A table published herewith shows in detail the dairy operations of the state for the years 1933, 1932 and 1929.

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

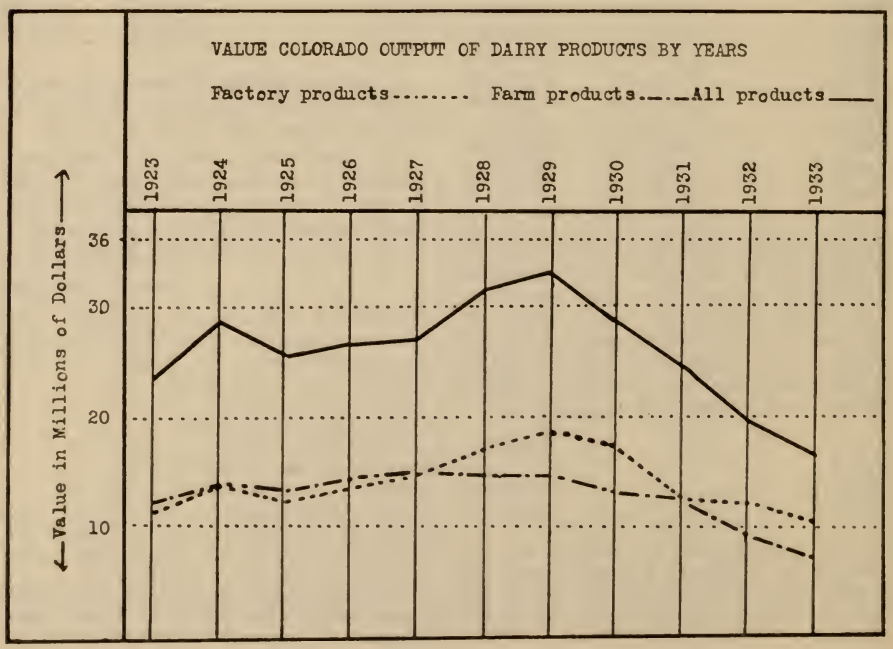
	1933	1932	1929
Creameries (butter)	83	75	81
Ice cream plants	86	82	84
Cheese factories	19	19	18
Malted and dried milk plants	1	1	4
Condensaries and evaporated milk plants	3	4	6
Cottage cheese factories	36	25	..
Frozen custard plants	2	3	..
Receiving stations	311	353	404
Licensed plants	179	183	178
Licensed operators	964	1,056	1,265

Of those licensed in 1933, 42 creameries made no product other than butter, 42 ice cream plants made no

product other than ice cream, 18 cheese factories made only cheese, one plant made no product other than malted milk and seven plants made only cottage cheese.

In 1929 milk and cream exported from the state in excess of imports was valued at $777,637. This condition changed in 1931, when imports were $33,440 in excess of exports, and again in 1932 and 1933, when the value of imports exceeded exports by $96,301 and $302,214, respectively. The figures are significant as an indication that the state is producing less cream and milk than the demand for these products. Colorado creameries report that 13,454,721 pounds of creamery butter were sold in the state in 1932 and 15,166,950 pounds in 1933. This represents Colorado's consumption of creamery butter, as practically none is imported. Using these figures and an estimate that 4,000,000 pounds of farm butter is used at home, the state dairy commissioner estimates the per capita butter consumption of the state at 16.5 pounds per year, compared with 17.6 pounds for the United States.

The census bureau of the department of commerce, which gathers statistics for calendar years and under a somewhat different classification from that used by the state dairy commissioner, reports on the industry for the state as a whole and by counties. A table published herewith, made up from the census of agriculture and the census of manufactures, shows the number of cows and heifers milked, the sale of dairy products by farmers and the factory production of dairy products in 1929 and 1919,, with the per cent of change. This is primarily a census of distribution. Another table, compiled from the census reports on agriculture, gives the value of dairy products sold and butter churned in 1929, by counties. Another table shows the number of cows milked, gallons of milk produced, pounds of butter churned, etc., by counties in 1929. The production of dairy products in factories is treated as a manufacturing industry and further information on that subject will be found in the chapter on manufacturers. Two items which appeared in the census for the first time in 1930 were the number of cows and heifers being milked daily and the daily production of milk on April 1, 1930, the date of the enumeration. These showed that 186,637 cows and heifers were being milked on that date and that the daily production of milk was 406,827 gallons. That was equal to a daily average of 2.18 gallons per cow.



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

County	Number 1929	1924
Adams	7,221	7,664
Baca	6,832	7,056
Boulder	6,386	6,397
Delta	5,710	5,041
Douglas	5,985	5,470
Elbert	8,671	9,339
El Paso	9,996	10,315
Kit Carson	8,416	6,539
Larimer	6,606	5,978
Las Animas	5,708	4,894
Lincoln	6,024	6,514
Logan	7,244	6,653
Mesa	6,543	6,854
Morgan	6,323	6,252
Prowers	5,635	5,317
Pueblo	5,880	6,700
Washington	8,270	8,360
Weld	22,428	23,606
Yuma	9,907	9,018
	149,785	147,967
Total, state	234,530	229,700
Per cent	63.9	64.4

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

A table published herewith gives the mean average prices paid to the producers of milk and cream in 1932, 1931, 1930 and 1929 as reported by the state dairy commissioner.

The department of agriculture reports that milk production per cow in Colorado in 1929 was 4,500 pounds; in 1930, 4,450 pounds; in 1931, 4,300 pounds; and in 1932 (preliminary), 4,000 pounds. The decrease is credited principally to drouth conditions in certain dairying districts of the state in the past two years. The production of 4,500 pounds per cow in 1929 in Colorado compares with 4,582 pounds per cow for the United States in that year.

RANK OF COLORADO COUNTIES

There are 3,083 counties in the United States. The bureau of the census has compiled lists of the 50 leading counties in the production of specified agricultural and fruit products on the basis of the 1930 census, and several Colorado counties take high rank among these.

Delta county ranked 19th among the apple counties, there being 3,064 counties which failed to show as good a record. Reports were received from 827 farms showing 34,941 apple trees not of bearing age and 423,932 trees of bearing age. The quantity of apples harvested was 1,189,442 bushels and the value was $1,367,858.

Mesa county ranked 26th among the pear counties. The number of farms reporting pear trees was 588, the number of trees not of bearing age being 41,977 and of bearing age, 139,114. The quantity of pears harvested was 501,167 bushels, valued at $851,984. Mesa county also scored on peaches, ranking 32nd among the peach counties. The number of farms reporting peach trees was 720 and the number of trees not of bearing age was 241,401, and of bearing age, 285,754. Production was 862,316 bushels and the value $1,077,895.

Four Colorado counties were listed among the fifty leading celery counties. These were Adams, rank 19; Jefferson, 26; Pueblo, 34; and Denver, 39 in acres in celery, and these counties in the order named ranked 26, 31, 41 and 39 in the value of celery produced. The four counties had 918 acres, or 2.6 per cent of all the acreage in the country in celery. The value of the crop in the four counties in the 1930 census year was $294,716.

Otero county ranked 43rd in acreage and 59th in value of vegetables harvested for sale. It reported 10,165 acres in vegetables and the crop was valued at $921,302. This county ranked 15th in acreage and 41st in value of crop among the 50 leading cucumber counties. Pueblo also was listed as one of the 50 leading cucumber counties, ranking 27th in acreage and 31st in value of the crop.

MASONIC MEMBERSHIP

The Grand Lodge A. F. & A. M. of Colorado has 148 lodges in the state and on December 31, 1931, had 33,962 members.

COWS MILKED AND DAIRY PRODUCTS IN COLORADO IN 1929, BY COUNTIES

(From Census Reports on Agriculture)

COUNTY	Number Cows and Heifers Milked	Gallons of Milk Produced	Gallons Whole Milk Sold	Pounds Butter Churned	Pounds Butter Sold	Pounds Cream Sold as Butterfat	Pounds Cream Sold Not as Butterfat
Adams	7,221	4,582,017	2,960,425	64,390	13,152	249,804	3,027
Alamosa	2,169	1,209,930	314,264	25,418	6,031	183,083	13,472
Arapahoe	5,644	3,724,903	2,122,433	57,287	8,987	295,830	24,900
Archuleta	1,127	571,942	12,098	16,614	456	119,351	537
Baca	6,832	2,515,161	131,700	92,661	4,094	489,747	1,292
Bent	2,980	1,337,269	391,489	46,049	8,690	135,078	7,118
Boulder	6,386	3,921,278	2,681,370	64,139	33,687	167,427	4,312
Chaffee	1,010	565,370	166,915	18,120	7,458	78,352	5,642
Cheyenne	3,841	1,434,889	13,910	47,139	1,955	339,075	570
Clear Creek	97	48,240	25,650	1,777	335	1,140	170
Conejos	2,525	1,485,397	711,079	36,466	9,197	90,113	865
Costilla	750	356,502	5,265	14,617	3,697	46,538	1,495
Crowley	1,729	856,443	48,460	32,972	1,887	162,537	880
Custer	1,584	706,891	286,741	22,383	5,431	79,873	1,763
Delta	5,710	3,260,273	685,391	119,826	26,184	547,201	4,506
Denver	557	445,169	409,223	1,842	40	1,395	1,473
Dolores	437	187,151	5,261	12,231	1,095	25,960	235
Douglas	5,985	3,204,585	1,957,548	16,464	2,324	328,080	9,045
Eagle	1,447	813,080	49,174	41,881	5,441	157,550	2,819
Elbert	8,671	4,313,831	379,739	94,584	4,812	1,024,249	605
El Paso	9,996	5,290,288	2,152,480	92,376	13,535	702,886	7,116
Fremont	1,836	1,158,003	436,760	52,560	13,794	89,659	3,393
Garfield	3,612	1,920,476	125,844	78,207	11,228	396,039	5,743
Gilpin	126	54,745	25,145	1,134	370	742	2,427
Grand	1,411	632,652	102,514	27,002	4,719	119,526	2,673
Gunnison	1,674	704,029	67,860	40,912	13,315	126,448	4,451
Hinsdale	145	56,022	16,568	3,440	1,439	5,312	121
Huerfano	2,366	1,029,478	339,960	30,025	9,393	103,138	2,272
Jackson	888	410,825	12,061	20,235	2,565	80,564	644
Jefferson	5,303	3,686,841	2,735,814	55,570	17,685	91,974	20,956
Kiowa	3,110	1,140,290	18,186	41,603	6,697	257,917	69
Kit Carson	8,416	3,535,239	72,042	125,196	9,313	762,170	3,741
Lake	244	141,525	100,635	1,595	150	6,284	170
La Plata*	4,759	2,807,199	215,668	109,931	27,840	573,782	10,760
Larimer	6,606	3,956,027	2,449,115	87,904	31,709	207,684	2,032
Las Animas	5,708	2,290,359	387,583	82,068	17,845	336,844	7,959
Lincoln	6,024	2,531,147	65,907	107,180	5,618	547,619	779
Logan	7,244	3,373,098	277,297	168,551	11,222	621,507	4,028
Mesa	6,543	3,919,882	379,067	148,391	27,343	774,371	4,391
Mineral	82	29,598	8,530	1,760	1,120	1,690	560
Moffat	2,332	1,205,308	67,740	59,246	8,093	226,236	1,519
Montezuma	3,390	2,104,339	58,604	88,906	15,518	469,538	2,912
Montrose	4,102	2,423,152	398,446	77,552	11,831	397,814	1,402
Morgan	6,323	3,254,215	639,573	77,110	3,171	491,251	5,065
Otero	3,654	1,899,796	511,237	62,954	13,150	258,238	3,053
Ouray	830	428,732	25,891	21,087	7,014	82,565	2,447
Park	895	367,838	13,108	22,478	2,068	63,627	215
Phillips	3,035	1,497,828	59,150	64,502	2,934	321,604	1,958
Pitkin	754	368,063	27,655	17,575	3,020	69,649	975
Prowers	5,635	2,504,699	953,836	64,743	13,095	248,283	5,302
Pueblo	5,880	3,362,097	1,336,766	62,267	7,756	430,440	10,048
Rio Blanco	1,256	523,522	21,567	22,324	325	93,323	724
Rio Grande	2,588	1,390,075	490,077	53,052	17,047	132,731	5,347
Routt	4,438	2,485,432	135,262	86,491	15,103	562,375	5,128
Saguache	1,531	752,273	90,200	37,215	8,266	114,060	1,494
San Juan*	----	-------	-----	-----	----	-------	----
San Miguel	1,047	583,142	21,174	18,891	3,060	134,564	1,871
Sedgwick	2,082	1,050,302	61,293	54,209	9,028	169,159	12,199
Summit	504	220,197	28,840	12,856	6,420	41,765	525
Teller	854	432,090	141,699	12,864	1,888	56,185	3,189
Washington	8,270	3,704,912	72,437	148,923	5,429	825,698	4,906
Weld	22,428	12,918,243	7,464,501	239,769	46,982	887,808	6,540
Yuma	9,907	4,221,478	115,968	171,168	9,911	802,835	13,938
State	234,530	121,905,777	36,082,195	3,578,682	582,962	17,208,287	259,768

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

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

(From Census Reports on Agriculture)

COUNTY	Butter Sold	Cream Sold as Butterfat	Cream Sold Not as Butterfat	Whole Milk Sold	Total Butter, Cream and Whole Milk Sold	Value Butter Churned
Adams	$ 5,524	$ 104,918	$ 4,389	$ 532,877	$ 647,708	$ 27,044
Alamosa	2,714	76,895	19,534	56,568	155,711	11,438
Arapahoe	3,954	121,290	33,615	382,038	540,897	25,206
Archuleta	210	50,127	832	2,662	53,831	7,642
Baca	1,801	200,796	1,809	23,706	228,112	40,771
Bent	3,911	56,733	9,965	62,638	133,247	20,722
Boulder	14,149	70,319	6,252	482,647	573,367	26,938
Chaffee	3,431	33,691	9,027	33,383	79,532	8,335
Cheyenne	860	139,021	770	2,782	143,433	20,741
Clear Creek	154	490	272	5,130	6,046	817
Conejos	4,139	37,847	1,254	135,105	178,345	16,410
Costilla	1,664	19,546	2,168	1,000	24,378	6,578
Crowley	849	68,266	1,232	9,692	80,039	14,837
Custer	2,444	33,547	2,468	51,613	90,072	10,072
Delta	12,045	229,824	6,984	123,370	372,223	55,120
Denver	17	586	2,136	73,660	76,399	774
Dolores	493	10,644	341	1,105	12,583	5,504
Douglas	1,023	134,513	13,115	352,359	501,010	7,244
Eagle	2,503	66,171	4,369	9,835	82,878	19,265
Elbert	2,117	419,942	817	68,353	491,229	41,617
El Paso	5,955	288,183	10,318	473,546	778,002	40,645
Fremont	6,207	37,657	4,920	91,720	140,504	23,652
Garfield	5,165	166,336	8,902	27,686	208,089	35,975
Gilpin	163	319	3,883	5,029	9,394	499
Grand	2,265	50,201	3,876	20,503	76,845	12,961
Gunnison	6,125	54,373	7,122	13,572	81,192	18,820
Hinsdale	662	2,284	188	3,314	6,448	1,582
Huerfano	4,133	42,287	3,181	57,793	107,394	13,211
Jackson	1,231	33,837	1,030	2,774	38,872	9,713
Jefferson	7,781	38,629	30,386	492,447	569,243	24,451
Kiowa	2,947	105,746	93	3,637	112,423	18,305
Kit Carson	4,098	312,490	5,050	14,408	336,046	55,086
Lake	69	2,702	272	20,127	23,170	734
*La Plata	12,528	235,291	15,602	45,219	308,640	49,469
Larimer	13,635	87,227	3,251	489,823	593,936	37,799
Las Animas	7,852	138,106	11,143	73,641	230,742	36,110
Lincoln	2,472	224,524	1,052	13,181	241,229	47,159
Logan	4,713	261,033	5,841	52,686	324,273	70,791
Mesa	12,578	325,236	6,806	75,813	420,433	68,260
Mineral	515	727	868	1,706	3,816	810
Moffat	3,723	95,019	2,279	15,580	116,601	27,253
Montezuma	6,983	192,511	4,222	12,307	216,023	40,008
Montrose	5,442	167,082	2,173	79,689	254,386	35,674
Morgan	1,332	206,325	7,344	108,727	323,728	32,386
Otero	5,918	108,460	4,274	92,023	210,675	28,329
Ouray	3,226	35,503	3,793	5,178	47,700	9,700
Park	951	27,360	344	2,622	31,277	10,340
Phillips	1,291	131,858	2,643	11,830	147,622	28,381
Pitkin	1,389	29,949	1,560	5,531	38,429	8,085
Prowers	5,893	104,279	7,423	171,690	289,285	29,134
Pueblo	3,490	180,785	14,067	280,721	479,063	28,020
Rio Blanco	150	39,196	1,050	4,745	45,141	10,269
Rio Grande	7,671	55,747	7,753	88,214	159,385	23,873
Routt	7,249	236,198	8,205	31,110	282,762	41,516
Saguache	3,720	47,905	2,166	16,236	70,027	16,747
*San Juan	------	------	------	------	------	------
San Miguel	1,377	55,171	2,713	4,447	63,708	8,501
Sedgwick	3,792	71,047	17,689	12,259	104,787	22,768
Summit	2,953	17,959	840	5,768	27,520	5,914
Teller	868	24,160	5,102	28,340	58,470	5,917
Washington	2,389	338,536	6,623	14,487	362,035	65,526
Weld	19,732	372,879	9,810	1,418,255	1,820,676	100,703
Yuma	4,361	329,162	18,816	23,194	375,533	75,314
State	$258,996	$7,149,445	$376,022	$6,822,101	$14,606,564	$1,587,465

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

DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1929, 1932 AND 1933

(State Dairy Commissioner)

	1933		1932		1929	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs.	22,678,470	$ 5,216,048	22,532,644	$ 6,264,075	21,747,865	$10,547,715
Ice cream, gals.	1,541,201	1,387,084	1,956,845	1,825,736	2,609,031	2,609,031
Sherbet, gals.	26,390	23,751	--------	--------	--------	--------
Cheddar (whole milk) cheese, lb.	1,895,238	202,790	2,194,262	241,369	3,004,618	639,984
Cheddar (part skim) cheese, lb.	2,024,734	182,226	1,497,741	134,797	1,281,746	240,968
Brick and Munster cheese, lbs.	12,62	1,768	18,280	2,559	23,815	4,763
Limburger cheese, lbs.	6,131	859	7,360	1,031	4,460	892
Italian varieties (including goat cheese) lbs.	160,000	25,600	132,000	21,120	39,500	7,900
Cottage cheese, lbs.	1,022,594	107,372	1,049,423	110,190	989,867	128,683
Condensed milk (sweetened) lbs.	--------	--------	--------	--------	138,413	11,073
Evaporated milk (unsweetened) lbs.	19,095,556	1,022,820	18,945,618	1,042,009	32,028,612	3,523,147
Condensed skim milk (sweetened) lbs.	156,751	7,838	121,933	5,914	488,201	30,513
Evaporated skim milk (unsweetened) lbs.	347,367	7,719	321,526	8,036	965,299	26,063
Condensed or evaporated buttermilk, lbs.	789,100	17,755	2,757,212	48,251	213,341	7,637
Dried or powdered skim, lbs.	674,825	23,146	261,179	11,570	283,403	31,174
Dried or powdered buttermilk, lbs.	669,864	40,192	342,004	11,972	569,856	34,191
Malted milk, lbs.	2,705,888	351,765	3,756,398	516,505	2,536,092	710,106
Value factory products		$ 8,618,733		$10,245,134		$18,553,840
Milk for fluid use (est.)	58,594,774	$ 7,054,811	58,318,495	$ 8,486,041	60,905,042	$11,418,477
Farm butter (est.)	3,900,000	890,000	4,500,000	1,251,000	4,916,992	2,384,741
Total		$ 7,944,811		$ 9,737,041		$13,803,218
Milk exported, lbs.	1,468,387	$ 17,914	1,963,385	$ 33,220	2,028,640	$ 44,224
Cream exported (B. F.) lbs.	1,721,615	275,458	2,059,326	432,458	3,806,766	1,674,977
Value exports		$ 293,372		$ 465,678		$ 1,719,201
Milk imported, lbs.	16,095	196	3,969	67	1,379,858	$ 30,081
Cream imported (B. F.) lbs.	3,721,186	595,390	2,675,772	561,912	2,071,553	911,483
Value imports		$ 595,586		$ 561,979		$ 941,564
Recapitulation:						
Factory products		$ 8,618,733		$10,245,134		$18,553,840
Produced and used on farms		7,944,811		9,737,041		13,803,218
Excess exports over imports		*—302,214		*—96,301		777,637
Value all dairy products		$16,261,330		$19,885,874		$33,134,695

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

PRODUCTION AND SALES OF DAIRY PRODUCTS IN COLORADO IN 1929 AND 1919

(Compiled from Census of Distribution)

	1929	1919	Per Ct. of Change
Cows and heifers milked:[1]			
Total number	234,530	.....	...
Number per 1,000 population	227	.....	...
Total milk produced (gallons)	121,905,777	79,492,631	53
Sales of dairy products by farmers:[1]			
Whole milk (gallons)	36,082,195	16,086,983	124
Cream:			
As butterfat (pounds)	17,208,287	5,804,055	196
As cream (gallons)	259,768	1,381,758	—81
Butter (pounds)	582,962	1,739,147	—66
Factory production of dairy products:[2]			
Butter (pounds)	22,020,043	13,982,711	57
Cheese (pounds)	3,789,990	1,163,140	226
Evaporated and condensed milk (pounds)	*	14,356,276	...
Ice cream (gallons)	2,838,976	.....	...

*Withheld to avoid disclosure of individual operations.
[1]Data from census of agriculture.
[2]Data from census of manufactures.

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

(From Report of the State Dairy Commissioner)

	1933	1932	1931	1930	1929
Sour cream, cream station price per lb. b. f.	$0.13	$0.18	$0.23½	$0.30	$0.43
Sour cream, track price per lb. b. f.	.16	.21	.26¾	.33	.45
Sweet cream, delivered, per lb.	.21	.26	.31	.38	.49
Milk for fluid use, per cwt.	1.40	1.70	2.03	2.25	2.18
Milk for manufacturing use, per cwt.	.75	.97	1.23	1.43	1.92

BUTTER, CHEESE AND CONDENSED MILK, BY YEARS

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

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

Poultry

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

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

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

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

Chickens raised	$ 4,768,549
Turkeys raised	1,443,913
Ducks raised	58,742
Geese raised	36,786
All poultry	$ 6,307,990
Eggs produced	7,369,223
Poultry and eggs	$13,677,213

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

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

*Includes guinea fowls.

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

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

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

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

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

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

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

There is published herewith a table showing the number of chickens raised, their value and the number on farms by years and by counties. Another table gives the egg production and value by years and counties and a third table shows the number and value of turkeys, ducks and geese raised by counties in 1929 and the value of all poultry in that year. Another table shows the assessed valuation of poultry by counties for taxation purposes as reported by county assessors for 1932 and 1933.

STANDARD MOUNTAIN TIME

The 105th meridian west of Greenwich, which divides standard central time from standard mountain time as determined by congress, passes in a north and south line through Denver. However, congress gave authority to the interstate commerce commission to readjust the boundaries of time zones and under a readjustment made by the commission, all of Colorado operates on standard mountain time. The eastern boundary of this zone goes through Mandan, North Dakota; Pierre, South Dakota; McCook, Nebraska; Dodge City, Kansas, and along the western boundaries of Oklahoma and Texas. The western boundary is along the western boundary of Montana; follows the Salmon river westward; western boundary of Idaho westward; southern boundary of Idaho eastward; passes southward through Ogden and Salt Lake City, Utah, and Parker and Yuma, Arizona.

Twelve o'clock noon, U. S. standard mountain time in Colorado, compares with clocks in other cities of the United States and foreign countries as follows:

Boston	2:00 P. M.
Chicago	1:00 P. M.
Cincinnati	1:00 P. M.
Dallas	1:00 P. M.
El Paso	12:00 Noon
Kansas City	1:00 P. M.
London	7:00 P. M.
Los Angeles	11:00 A. M.
Melbourne	*1:00 A. M.
Memphis	1:00 P. M.
New Orleans	1:00 P. M.
New York	2:00 P. M.
Rome	8:00 P. M.
Paris	7:00 P. M.
Salt Lake	12:00 Noon
Seattle	11:00 A. M.
Washington	2:00 P. M.
Yokohoma	12:00 Midn.

*Next day.

STATES WITH STRAIGHT-LINE BOUNDARIES

Colorado and Wyoming are the only states in the Union having unbroken straight-line boundaries on all sides. Each covers the same number of degrees of latitude and longitude, namely, four of latitude and seven of longitude, yet because of the convergence of the meridians towards the north the area of Wyoming is 6,034 square miles less than that of Colorado.

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.

CHICKENS IN COLORADO, BY COUNTIES AND YEARS

(Compiled from Census Reports)

COUNTY	Number of Chickens Raised			Value of Chickens Raised		Number on Farms April 1, 1930
	1929	1924	1919	1929	1924	
Adams	237,665	195.426	122,011	$183,002	$134,844	134,488
Alamosa	32,813	17,511	16,115	23,297	10,507	23,707
Arapahoe	255,509	137,121	85,655	183,966	95,985	137,378
Archuleta	13,393	8,618	13,626	10,447	5,688	10,517
Baca	172,776	141,215	126,106	138,221	91,790	102,199
Bent	105,951	37,926	70,798	81,582	57,152	64,452
Boulder	257,479	206,947	127,924	198,259	142,793	133,980
Chaffee	19,188	22,815	14,612	14,967	15,971	11,982
Cheyenne	93,728	67,852	41,124	67,484	47,496	57,691
Clear Creek	1,422	270	993	1,109	189	1,147
Conejos	39,099	23,458	26,561	27,760	14,075	30,198
Costilla	15,504	21,144	13,343	11,008	12,686	13,918
Crowley	60,414	63,478	43,016	46,519	41,261	32,403
Custer	13,598	10,232	16,462	10,470	6,139	11,280
Delta	144,447	94,722	99,576	114,113	58,728	75,482
Denver	47,692	22,472	18,120	36,723	15,506	19,003
Dolores	6,897	5,170	5,936	5,311	3,412	5,159
Douglas	50,614	39,429	33,508	36,442	27,600	30,847
Eagle	20,344	13,192	14,251	16,072	8,179	13,332
Elbert	132,605	101,220	84,100	95,476	70,854	80,271
El Paso	217,045	162,200	108,246	156,272	113,540	114,045
Fremont	112,745	86,640	58,186	86,814	60,648	63,059
Garfield	72,977	54,855	51,646	57,652	34,010	43,400
Gilpin	1,159	1,138	1,594	904	797	827
Grand	7,165	7,145	6,940	5,732	4,501	5,610
Gunnison	10,312	9,226	8,873	8,043	5,720	6,442
Hinsdale	616	637	654	480	420	563
Huerfano	41,600	40,149	75,068	33,280	24,089	28,142
Jackson	4,924	5,281	4,925	3,939	3,327	2,978
Jefferson	304,414	209,982	128,936	234,399	146,987	158,856
Kiowa	78,905	78,554	43,519	56,812	51,060	50,812
Kit Carson	209,906	142,359	99,180	151,132	99,651	127,318
Lake	220	134	232	172	94	267
La Plata	65,852	49,544	52,568	50,706	32,699	43,540
Larimer	258,137	163,576	124,934	198,765	112,867	122,393
Las Animas	121,714	101,824	102,494	97,371	66,186	69,252
Lincoln	155,171	133,950	75,260	111,723	93,765	102,570
Logan	283,205	227,244	148,264	218,068	149,981	152,839
Mesa	208,685	129,744	122,663	164,861	80,441	111,261
Mineral	905	572	421	706	378	608
Moffat	40,071	31,599	40,851	32,057	19,907	26,046
Montezuma	46,358	35,867	46,858	35,696	23,672	34,179
Montrose	100,114	78,657	74,312	79,090	48,767	57,613
Morgan	198,091	214,323	114,762	152,530	141,453	122,137
Otero	143,307	166,797	193,040	110,346	108,418	74,307
Ouray	10,207	6,354	7,401	7,961	4,194	7,163
Park	8,612	5,091	6,168	6,717	3,564	6,075
Phillips	119,565	112,727	50,348	86,087	74,400	73,157
Pitkin	8,805	6,411	7,359	6,868	3,975	5,949
Prowers	204,641	131,229	104,617	157,574	85,299	114,673
Pueblo	157,738	148,398	130,499	121,458	96,459	94,740
Rio Blanco	24,216	32,195	28,902	19,373	20,283	16,072
Rio Grande	49,202	35,790	39,930	34,933	21,474	34,822
Routt	56,180	43,848	49,328	44,944	27,024	34,133
Saguache	25,991	18,181	22,495	18,454	10,909	16,912
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	8,593	10,098	11,857	6,617	6,665	7,029
Sedgwick	78,200	64,303	39,765	60,214	42,440	45,478
Summit	1,315	1,024	1,933	1,026	717	1,192
Teller	5,032	5,262	6,813	3,925	3,683	3,805
Washington	226,461	211,967	144,226	163,052	139,898	151,668
Weld	611,638	525,623	396,031	440,379	362,680	335,381
Yuma	332,207	235,261	174,938	239,189	155,272	196,312
State	6,333,339	5,005,977	3,880,873	$4,768,549	$3,343,769	3,653,054

Note: Values of chickens raised in 1919 not segregated.

CHICKEN EGGS PRODUCED, BY COUNTIES AND YEARS

(Compiled from Census Reports)

COUNTY	Number Eggs Produced (Dozens)			Value Eggs Produced		Value Eggs Sold in 1929
	1929	1924	1919	1929	1924	
Adams	1,067,698	643,911	435,917	$288,278	$173,856	$187,761
Alamosa	172,512	71,050	58,504	53,479	20,605	29,132
Arapahoe	1,078,271	639,062	338,060	280,350	178,937	214,929
Archuleta	69,235	48,733	68,663	22,848	14,620	7,550
Baca	671,542	479,120	369,555	174,601	134,154	103,693
Bent	496,805	306,934	257,829	134,137	85,942	76,229
Boulder	1,050,737	788,479	462,695	283,699	212,889	210,135
Chaffee	93,146	49,809	62,339	30,738	14,943	15,669
Cheyenne	440,085	250,861	154,566	114,422	70,241	88,999
Clear Creek	7,356	1,875	3,971	2,207	563	1,679
Conejos	188,789	175,962	142,833	58,525	51,029	29,364
Costilla	90,411	37,562	65,732	28,027	10,893	11,030
Crowley	249,052	189,399	133,436	67,244	53,032	40,758
Custer	71,768	48,213	54,977	19,577	13,982	8,661
Delta	633,130	367,057	393,455	164,614	102,776	101,574
Denver	181,598	104,680	71,970	49,031	28,264	36,850
Dolores	31,818	17,063	15,202	9,545	5,119	4,646
Douglas	224,532	124,126	132,531	58,378	34,755	36,467
Eagle	94,380	77,689	74,177	26,426	21,753	10,457
Elbert	592,478	487,325	262,280	154,044	136,451	99,837
El Paso	1,055,632	582,012	387,608	274,464	162,963	198,764
Fremont	539,955	340,420	208,945	151,187	102,126	102,923
Garfield	350,692	217,954	235,306	98,194	61,027	51,170
Gilpin	6,369	8,062	4,125	1,911	2,419	532
Grand	38,651	33,945	29,409	12,368	9,505	2,931
Gunnison	45,590	34,514	45,858	13,677	9,664	4,314
Hinsdale	4,569	3,049	1,881	1,508	915	366
Huerfano	198,430	116,770	137,595	57,545	33,863	30,387
Jackson	21,595	23,745	16,973	6,910	6,649	1,024
Jefferson	1,392,032	905,557	500,420	375,849	271,667	295,256
Kiowa	364,893	241,903	146,826	94,872	67,733	66,897
Kit Carson	845,558	495,525	470,932	219,845	138,747	156,997
Lake	2,017	2,714	2,211	666	814	133
La Plata	335,211	207,187	226,338	100,566	62,156	54,156
Larimer	949,129	590,609	460,039	256,265	159,464	163,396
Las Animas	522,837	291,851	265,958	146,394	81,718	75,041
Lincoln	751,277	453,344	325,585	195,332	126,936	143,142
Logan	1,066,991	817,630	543,118	288,088	204,408	179,727
Mesa	888,865	610,793	472,609	231,105	171,022	141,418
Mineral	5,170	4,531	2,049	1,706	1,359	817
Moffat	205,369	109,620	155,248	65,718	30,694	29,161
Montezuma	258,965	129,331	198,802	77,690	38,799	40,697
Montrose	443,737	362,637	325,610	115,372	101,538	62,081
Morgan	864,844	544,964	438,773	233,508	136,241	142,157
Otero	600,370	582,285	335,867	156,096	163,040	96,668
Ouray	56,752	27,702	38,284	17,026	8,311	7,877
Park	39,719	27,740	30,432	11,916	8,322	4,487
Phillips	489,978	306,866	190,336	127,394	76,717	96,598
Pitkin	35,715	15,077	34,600	10,715	4,222	4,468
Prowers	819,396	520,668	401,577	213,043	145,787	141,569
Pueblo	725,152	609,854	405,318	195,791	170,759	150,617
Rio Blanco	111,267	66,184	99,099	33,380	18,532	13,057
Rio Grande	225,121	120,845	141,036	69,788	35,045	39,010
Routt	243,871	242,201	170,716	78,039	67,816	36,893
Saguache	117,204	64,166	77,474	36,333	18,608	16,883
San Juan	------	------	------	------	------	------
San Miguel	52,931	60,172	51,350	14,821	18,052	6,683
Sedgwick	297,211	221,920	155,404	74,303	55,480	48,600
Summit	7,839	9,015	7,505	2,587	2,705	529
Teller	26,094	22,783	30,700	7,306	6,835	2,948
Washington	1,038,846	936,747	695,992	270,100	234,187	190,566
Weld	2,391,050	2,019,418	1,425,802	645,584	545,243	358,229
Yuma	1,401,119	669,823	719,973	364,291	167,456	238,638
State	27,343,356	18,561,043	14,172,375	$7,369,223	$5,094,348	$4,713,227

Note—Values of eggs produced in 1919 not segregated.

TURKEYS, DUCKS AND GEESE; NUMBER RAISED AND VALUE, 1929

(Compiled from Census Reports)

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

POULTRY (DOZENS) IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Dozen	Number	Assessed Value	Average Per Dozen
Adams	6,066	$ 19,210	$ 3.17	6,770	$ 28,480	$ 4.21
Alamosa	810	2,855	3.52	821	3,780	4.61
Arapahoe	7,707	20,865	2.71	7,132	29,705	4.17
Archuleta	609	3,110	5.11	711	3,874	5.45
Baca	6,019	16,745	2.78	5,865	24,725	4.22
Bent	3,377	10,983	3.25	3,856	15,910	4.13
Boulder	6,711	17,470	2.60	5,863	23,990	4.09
Chaffee	430	1,025	2.38	300	1,200	4.00
Cheyenne	2,452	6,130	2.50	2,348	9,950	4.28
Clear Creek	117	300	2.56	37	150	4.02
Conejos	1,261	3,250	2.58	1,064	5,110	4.80
Costilla	906	2,325	2.50	727	3,310	4.55
Crowley	2,327	8,130	3.49	2,384	12,665	5.31
Custer	554	1,426	2.57	552	2,225	4.03
Delta	3,706	11,665	3.15	3,381	17,390	5.14
Denver	-----	-------	----	-----	-------	----
Dolores	370	945	2.55	274	1,370	5.00
Douglas	2,007	5,860	2.92	1,998	9,065	4.54
Eagle	701	1,851	2.64	777	3,108	4.00
Elbert	4,722	13,321	2.82	4,294	18,334	4.27
El Paso	6,506	17,120	2.63	6,468	26,280	4.06
Fremont	5,134	13,231	2.58	4,766	19,507	4.09
Garfield	2,874	13,320	4.64	2,609	14,540	5.57
Gilpin	-----	-------	----	-----	-------	----
Grand	335	955	2.85	314	1,570	5.00
Gunnison	377	1,050	2.79	383	1,815	4.74
Hinsdale	-----	-------	----	-----	-------	----
Huerfano	1,160	2,915	2.50	882	4,245	4.81
Jackson	40	200	5.00	112	450	4.02
Jefferson	10,420	28,705	2.75	9,947	41,370	4.16
Kiowa	2,323	6,175	2.66	1,741	9,705	5.58
Kit Carson	7,703	21,127	2.74	8,234	35,173	4.27
Lake	-----	-------	----	-----	-------	----
La Plata	2,182	8,555	3.92	1,917	13,200	6.89
Larimer	7,595	23,890	3.15	7,595	31,150	4.10
Las Animas	1,602	6,039	3.77	1,731	8,093	4.68
Lincoln	5,462	16,020	2.93	5,740	23,695	4.13
Logan	9,702	25,175	2.59	9,901	40,770	4.12
Mesa	6,222	17,310	2.78	7,956	35,715	4.49
Mineral	70	185	2.64	59	270	4.58
Moffat	1,238	3,570	2.88	1,328	5,870	4.42
Montezuma	2,284	7,410	3.24	2,209	10,535	4.77
Montrose	2,553	8,835	3.46	3,098	14,165	4.57
Morgan	1,797	16,350	9.10	6,577	27,190	4.13
Otero	5,339	18,520	3.47	5,558	28,495	5.13
Ouray	314	823	2.62	275	1,155	4.20
Park	-----	-------	----	530	2,120	4.00
Phillips	4,404	11,940	2.71	3,884	16,215	4.17
Pitkin	210	525	2.50	231	925	4.00
Prowers	7,819	24,632	3.15	7,265	33,755	4.65
Pueblo	4,185	.11,197	2.67	5,845	25,455	4.36
Rio Blanco	594	1,595	2.68	614	3,110	5.07
Rio Grande	1,515	3,835	2.50	820	3,280	4.00
Routt	1,965	5,135	2.61	2,053	8,940	4.35
Saguache	764	2,333	3.05	643	2,572	4.00
San Juan	-----	-------	----	-----	-------	----
San Miguel	378	1,325	3.50	324	1,620	5.00
Sedgwick	2,252	6,209	2.76	1,916	8,100	4.23
Summit	63	160	2.50	58	232	4.00
Teller	258	725	2.81	201	825	4.10
Washington	8,548	21,330	2.50	8,093	34,100	4.21
Weld	17,156	47,510	2.77	17,588	73,470	4.18
Yuma	7,705	20,710	2.69	8,207	34,150	4.16
State	191,900	$ 564,107	$ 2.94	196,826	$ 858,168	$ 4.36

Bees and Honey

COLORADO produces approximately 2,500,000 to 3,500,000 pounds of honey annually, the crop varying according to climatic conditions and the flora available for nectar secretions. In 1929, according to census reports, the state's crop was 3,509,510 pounds, valued at $396,270. This was an increase of 1,015,560 pounds, compared with 1919, and a decrease of $177,340 in value. Under normal conditions there is a demand for all the honey produced and a considerable proportion of the output is exported to other states.

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

A table is published herewith showing the number of stands of bees assessed for taxation purposes in 1932 and 1933, by counties, their assessed value and the average per stand. These figures, as reported by the county assessors, are of value principally as indicating the trend and distribution of the industry in non-census years, as they are necessarily incomplete and below the actual number.

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

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

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

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

*Includes wax.

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

The surplus production of honey per hive has not been so favorable for the past few years, due to the curtailment of the quantity of native flora. In 1921, the surplus production of honey per hive was estimated at 58 pounds, compared with an average of about 44.2 pounds for the country. In 1922 the surplus honey per stand was approximately 55 pounds, but in the following year it dropped to 31 pounds, where it remained in 1923, and in 1924 the average was about 30 pounds. Since the beginning of 1925 the average is estimated at around 40 pounds.

Approximately 60 per cent of the honey production of the state is in the hands of professional bee keepers.

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

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

The principal producing areas are in the sections devoted to the growing of alfalfa and sweet clover in the irrigated districts. The non-irrigated areas of the state, as distinguished from the irrigated districts, are not so inviting to the commercial apiarists, owing to the scarcity of flowers to furnish the nectar.

BEES AND HONEY; NUMBER, VALUE AND PRODUCTION, BY COUNTIES AND YEARS

(Compiled from Census Reports)

COUNTY	Hives of Bees (Number)		Value of Bees		Honey Produced (Pounds)		Value Honey Produced	
	1930	1920	1930	1920	1929	1919	1929	1919
Adams	1,698	847	$ 8,320	$ 5,607	51,442	15,556	$ 6,430	$ 3,594
Alamosa	1,237	518	5,814	2,402	128,048	10,021	13,445	2,323
Arapahoe	1,673	2,589	7,863	19,956	62,169	125,235	8,393	29,182
Archuleta	125	540	638	2,629	3,780	34,165	416	7,933
Baca	26	----	112	------	1,056	------	127	------
Bent	1,357	916	6,378	5,634	95,521	29,710	11,463	6,945
Boulder	3,212	3,535	15,739	24,951	162,842	160,955	20,355	37,536
Chaffee	38	120	179	669	703	2,607	81	640
Cheyenne	1	----	4	------	------	------	------	------
Clear Creek	----	----	------	------	------	------	------	------
Conejos	1,543	1,667	7,869	7,707	120,953	47,152	12,700	11,533
Costilla	135	126	635	534	4,685	2,391	492	550
Crowley	1,544	1,736	7,257	14,600	163,095	43,924	19,571	10,290
Custer	172	193	808	1,138	6,399	6,146	768	1,436
Delta	5,551	5,434	26,090	47,185	357,040	315,544	35,704	73,873
Denver	293	22	1,436	144	18,111	388	2,264	89
Dolores	13	48	68	505	450	852	45	196
Douglas	220	571	1,034	2,936	3,662	14,641	494	3,387
Eagle	125	166	588	932	1,769	4,895	195	1,160
Elbert	344	702	1,617	3,568	4,515	12,753	610	3,049
El Paso	580	347	2,726	1,818	17,459	4,351	2,357	1,008
Fremont	889	772	4,178	3,856	44,623	18,128	5,355	4,272
Garfield	2,881	4,541	13,541	28,796	163,562	181,950	17,992	42,479
Gilpin	----	----	------	------	------	------	------	------
Grand	----	----	------	------	------	------	------	------
Gunnison	----	6	------	60	------	96	------	23
Hinsdale	1	2	5	10	------	------	------	------
Huerfano	346	461	1,626	2,185	10,700	14,330	1,284	3,516
Jackson	----	----	------	------	------	------	------	------
Jefferson	1,737	4,292	8,511	35,672	55,916	175,200	6,990	40,717
Kiowa	----	12	------	36	76	100	10	23
Kit Carson	2	----	9	------	250	------	34	------
Lake	----	2,829	------	14,905	------	106,457	------	25,185
La Plata	4,300	----	24,510	------	201,305	------	20,131	------
Larimer	2,223	3,451	10,448	23,109	87,597	157,879	10,950	37,212
Las Animas	809	1,065	3,802	6,007	28,322	19,531	3,399	4,548
Lincoln	114	30	536	150	1,688	1,000	228	230
Logan	930	1,304	4,371	9,493	70,424	40,044	8,803	9,450
Mesa	10,048	6,210	47,226	40,714	299,620	294,178	29,962	68,803
Mineral	----	----	------	------	------	------	------	------
Moffat	159	36	747	283	6,000	940	660	217
Montezuma	3,611	1,560	20,583	11,627	75,757	85,157	7,576	20,037
Montrose	4,186	3,454	19,674	24,782	205,694	110,705	20,569	26,382
Morgan	1,608	1,699	7,558	15,289	134,074	83,043	16,759	19,738
Otero	4,097	79	19,256	407	317,421	990	38,091	228
Ouray	380	163	1,786	892	21,445	5,990	2,359	1,392
Park	----	1	------	12	------	18	------	4
Phillips	----	----	------	------	------	------	------	------
Pitkin	108	34	508	158	622	850	68	196
Prowers	1,724	1,913	7,413	13,533	114,400	57,132	13,728	13,356
Pueblo	1,717	2,109	8,070	14,805	87,969	56,649	10,556	13,282
Rio Blanco	438	580	2,059	3,194	9,504	13,889	1,045	3,227
Rio Grande	488	512	2,294	2,488	31,350	19,542	3,292	4,620
Routt	33	5	155	35	1,250	85	138	20
Saguache	734	227	3,450	1,459	47,377	5,347	4,975	1,257
San Juan	----	----	------	------	------	------	------	------
San Miguel	378	45	1,852	360	29,110	770	2,911	185
Sedgwick	173	78	813	655	4,805	1,950	601	489
Summit	----	----	------	------	------	------	------	------
Teller	3	----	14	------	7	------	1	------
Washington	12	13	56	65	262	80	35	18
Weld	3,177	5,674	14,932	35,254	252,416	210,530	31,552	49,064
Yuma	96	19	413	133	2,265	104	306	25
State	67,289	63,253	$325,571	$433,339	3,509,510	2,493,950	$396,270	*$584,924

Note—Number of hives of bees owned on farms, or elsewhere, are as of April 1, 1930, and January 1, 1920.

*Includes value of 28,282 pounds of wax produced, valued at $11,314. The value of honey produced was $573,610.

BEES (STANDS) IN COLORADO, 1932 AND 1933
(From Reports of County Assessors to State Tax Commission)

COUNTY	1933			1932		
	Number	Assessed Value	Average Per Stand	Number	Assessed Value	Average Per Stand
Adams	403	$ 1,210	$ 3.00	1,180	$ 3,540	$ 3.00
Alamosa	1,126	3,430	3.05	1,173	3,590	3.06
Arapahoe	415	1,335	3.21	398	1,195	3.00
Archuleta	-----	-------	----	-----	-------	----
Baca	-----	-------	----	-----	-------	----
Bent	1,569	4,706	3.00	1,615	4,845	3.00
Boulder	1,376	4,340	3.15	1,743	5,230	3.00
Chaffee	60	180	3.00	50	150	3.00
Cheyenne	-----	-------	----	-----	-------	----
Clear Creek	-----	-------	----	-----	-------	----
Conejos	-----	-------	----	1,727	5,270	3.05
Costilla	90	270	3.00	45	180	4.00
Crowley	1,506	4,555	3.02	1,985	5,990	3.02
Custer	62	186	3.00	65	196	3.00
Delta	2,077	6,250	3.01	2,581	7,740	3.00
Denver	-----	-------	----	-----	-------	----
Dolores	-----	-------	----	-----	-------	----
Douglas	120	360	3.00	253	760	3.00
Eagle	88	264	3.00	85	260	3.06
Elbert	50	149	3.00	20	65	3.25
El Paso	74	230	3.10	283	890	3.14
Fremont	295	886	3.00	325	1,255	3.86
Garfield	2,986	9,125	3.06	2,894	8,885	3.07
Gilpin	-----	-------	----	-----	-------	----
Grand	-----	-------	----	-----	-------	----
Gunnison	-----	-------	----	-----	-------	----
Hinsdale	-----	-------	----	-----	-------	----
Huerfano	79	260	3.30	19	65	3.42
Jackson	-----	-------	----	-----	-------	----
Jefferson	622	1,860	3.00	830	2,495	3.01
Kiowa	-----	-------	----	-----	-------	----
Kit Carson	-----	-------	----	-----	-------	----
Lake	-----	-------	----	-----	-------	----
La Plata	1,742	5,610	3.22	1,692	5,650	3.34
Larimer	1,363	4,070	3.00	2,620	7,860	3.00
Las Animas	251	776	3.09	359	1,077	3.00
Lincoln	20	60	3.00	-----	-------	----
Logan	776	2,330	3.00	553	1,660	3.00
Mesa	1,907	5,780	3.03	4,080	12,245	3.00
Mineral	-----	-------	----	-----	-------	----
Moffat	60	185	3.08	36	110	3.06
Montezuma	2,168	6,500	3.00	2,215	6,645	3.00
Montrose	2,925	8,775	3.00	4,135	12,415	3.00
Morgan	957	2,870	3.00	677	2,030	3.00
Otero	3,245	9,760	3.01	3,782	11,420	3.02
Ouray	230	690	3.00	283	850	3.00
Park	-----	-------	----	-----	-------	----
Phillips	-----	-------	----	-----	-------	----
Pitkin	37	110	3.00	26	105	4.00
Prowers	690	2,082	3.02	652	1,968	3.02
Pueblo	737	2,200	3.00	1,180	3,535	3.00
Rio Blanco	-----	-------	----	-----	-------	----
Rio Grande	335	1,005	3.00	311	935	3.00
Routt	-----	-------	----	-----	-------	----
Saguache	270	1,080	4.00	120	360	3.00
San Juan	-----	-------	----	-----	-------	----
San Miguel	150	450	3.00	150	550	3.67
Sedgwick	85	255	3.00	136	410	3.02
Summit	-----	-------	----	-----	-------	----
Teller	-----	-------	----	-----	-------	----
Washington	-----	-------	----	-----	-------	----
Weld	2,130	6,330	3.00	2,528	7,610	3.01
Yuma	-----	-------	----	-----	-------	----
State	33,076	$ 100,514	$ 3.04	42,806	$ 130,036	$ 3.05

Horticulture, Floriculture and Seed Growing

COLORADO produces annually approximately $10,000,000 worth of orchard fruits, berries, flowers and vegetables grown under glass and flowers grown in the open, nursery products, bulbs and flower and vegetable seed. Some branches of the combined industry have shown very substantial growth in recent years, and in the growing of vegetable and flower seed Colorado ranks as one of the principal states of the Union. The industry is described under separate headings in this chapter. A summary of the value of production in 1929, a census year in which figures for all divisions of the industry are available, although later figures are given elsewhere for some products, is as follows:

	Value 1929
Orchard fruits:	
Apples	$2,454,347
Peaches	1,198,009
Pears	895,023
Plums and prunes	55,825
Cherries	586,981
Grapes	33,016
Total	$5,223,201
Berries:	
Strawberries	$ 173,471
Raspberries	205,149
Black and dewberries	17,313
Loganberries	20
Other berries	23,839
Total	$ 419,792
Flowers, etc.:	
Flowers and vegetables grown under glass and flowers grown in the open	$2,137,912
Nursery products	228,059
Bulbs	21,913
Flower and vegetable seed	1,147,978
Total	$3,535,862
Grand total	$9,178,855

The above summary is exclusive of certain farm crop seed grown extensively in the state. The value of millet and alfalfa seed grown in 1929, for example, was $115,200 and $525,000. Additional data on field crop seeds will be found in the chapter on agriculture.

HORTICULTURE

The value of Colorado's orchard crops varies year by year according to climatic conditions and the seasonal farm value. In a 16-year period ending with 1933, the maximum output was established in 1919, when the crop was valued at $9,451,800, and the minimum in 1932, with a crop value of $1,963,000. The value of the crop, including fruits and berries, by years, as reported by the Co-operative Crop Reporting service, is as follows:

Year	Value
1919	$9,451,800
1920	6,143,700
1921	8,953,000
1922	5,910,750
1923	5,987,620
1924	6,801,000
1925	6,068,000
1926	5,239,000
1927	5,647,000
1928	3,786,000
1929	5,370,000
1930	2,753,000
1931	2,403,000
1932	1,963,000
1933	1,995,000

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

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

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

Another table gives state totals on trees of bearing age in 1930 and 1920, trees not of bearing age and production and value of fruits in 1929 and 1919.

Other tables give state totals on the number of farms reporting strawberries, raspberries, blackberries and dewberries, currants, gooseberries and other small fruits in 1929 and 1919, the acreage cultivated and the production and value for these years; the quantity and value of the fruit crops from 1918 to 1933, inclusive, as reported by the Colorado Co-Operative Crop Reporting service, and the average prices for apples, peaches and pears in Colorado and the United States for the years 1927 to 1933, inclusive.

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

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

FLORICULTURE

The growing of flowers and vegetables under glass and flowers in the open has increased very rapidly in Colorado in recent years. Receipts of 204 establishments reporting under this classification to the census bureau amounted to $2,137,912 in 1929, an increase of $1,075,648, or 101.3 per cent compared with 1919. In the last named year receipts increased $539,579, or 126.6 per cent, over 1909. Of the receipts from the sale of products in 1929, $2,008,879, or 94 per cent, was from flowers and flowering plants and $129,033, or six per cent, from vegetables and vegetable plants. Cut flowers furnished the largest part of the revenue, or $1,327,291, of which $1,094,483 represented wholesale sales and $232,808 was in retail sales.

Colorado ranked 13th among the states and the District of Columbia in 1929 in the area under glass, being exceeded only by 12 states. The total area under glass was 3,519,888 square feet, an increase of 1,537,354 square feet, or 77.5 per cent, compared with 1919. This increase was actually larger than the figures indicate as hotbeds and frames were included in the total for 1919 and reported separately in 1929. The value of lands, buildings and equipment operated by the 204 establishments in growing flowers and vegetables under glass and flowers in the open was $4,143,359. An accompanying table shows the number of establishments, value of lands, build-

ings and equipment, area under glass, expenditures, and receipts for 1929, 1919 and 1909.

Climatic conditions, which are favorable for producing blooms of unusual brilliance in color, large size and lasting quality, have had much to do with the development of the industry in Colorado, which finds a market for its products not only in most parts of the United States, but in several foreign countries. Carnations lead the list of products with an estimated output of 12,000,000 a year. In 1929 there were 101 establishments, cultivating 1,582,463 square feet of carnation beds. The state ranked fifth in area among the states of the Union and was exceeded only by Illinois, Massachusettts, Pennsylvania and New York. Ten states depend upon Colorado for their entire supply of this flower and shipments have been made to Cuba, New York and London.

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. There were 34 commercial establishments engaged in growing roses in 1929, and the area employed was 525,950 square feet. Colorado ranked 15th among the states in area devoted to this flower.

Six establishments were engaged in growing orchids in 1929, and the area comprised 15,995 square feet. One establishment grows more than 500 varieties, and their value is estimated at a million dollars. Colorado ranks ninth among the states in the production of orchids. Chrysanthemum culture employed 216,309 square feet and ranked 15th, 70 establishments being engaged in their production. Violets ranked 11th with seven establishments and 8,601 square feet, and bulbous flowers ranked 17th with 81,484 square feet and 39 establishments.

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.

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

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.

NURSERIES

The nursery business in Colorado, while not as large as the industry engaged in the growing of flowers and vegetables under glass and flowers in the open, has shown a very substantial increase in recent years. Forty-six establishments reporting to the census bureau on operations in 1929 had receipts from the sale of products amounting to $228,059 in that year. This was an increase of $144,997, or

174.6 per cent, over receipts of 33 establishments in 1919, and in the year last named receipts increased $10,972, or 15.2 per cent, over 1909 as reported by 61 establishments. While 94 per cent of the receipts of those engaged in floriculture was derived from the sale of products at wholesale, the receipts of the nurseries were predominantly from the retail sales and amounted to 73.7 per cent of the total. The value of lands, buildings and equipment of the nurseries reporting for 1929 was $325,266. An accompanying table summarizes the operations of nurseries in the state in 1929, 1919 and 1909.

A nursery, for census purposes, is a place devoted to the growing of lining-out stock, including budding and grafting stocks; ornamental plants; deciduous fruit trees and grapevines; edible nut trees; and small fruit plants. Citrus and subtropical fruit trees are not grown in Colorado nurseries. The establishments reporting for 1929 sold 1,537,962 plants in that year. These were distributed as follows: Lining-out stock, including budding and grafting stocks, 1,059,099 plants; ornamental plants (excluding young plants for budding, grafting and lining out), 912,980 plants; deciduous fruit trees and grapevines, 57,865 plants; small fruit plants (strawberries, gooseberries, etc.), 292,450; edible nut trees, 43 plants. Plants in the nurseries on April 1, 1930, divided among the above-named classifications, aggregated 3,453,835 plants. Additional facts on the nursery business are given in an accompanying summary of horticulture in Colorado.

BULB FARMS

Twelve establishments engaged in the growing of flower bulbs in Colorado in 1929 reported to the census bureau receipts for that year of $21,913, of which $13,507 was from wholesale and $8,406 from retail sales. A bulb farm for census purposes is a place for propagating, growing and curing bulbs grown in open ground. The value of lands, buildings and equipment used in the industry for 1929 is $22,415. The number of bulbs sold annually is close to 2,000,000. Gladiolus ranked first in 1929, with sales aggregating 1,239,700 bulbs. Additional facts regarding the industry will be found in an accompanying summary of horticulture in Colorado.

SEED GROWING

Colorado is one of the principal flower and vegetable seed growing states in the Union. In 1929, as reported by the census bureau, 18 establishments in the state had wholesale and retail receipts of $1,147,978 from sales of seeds produced. This was equal to 8.5 per cent of the $13,522,053 receipts of all establishments in the United States reporting for that year. Colorado ranked fifth among the states in flower and vegetable seed production on the basis of receipts, being exceeded only by California, Idaho, Michigan and Montana. In the production of flower seed, Colorado ranked second, being exceeded only by California.

The data given herein apply only to establishments growing seeds for themselves or for others on a contract acreage basis. A seed producer, for census purposes, is an individual, partnership or corporation growing and properly maturing and curing flower and (or) vegetable seeds for distribution to the wholesale and retail trade.

The flower and vegetable seed growers in Colorado reporting for 1929 operated 12,839 acres of land and the value of lands, buildings and equipment was $490,950. A table published herewith giving a summary of the horticultural industry shows the number of establishments, employes, receipts, expenditures, etc. The item of receipts used herein does not necessarily represent actual production, inasmuch as a crop may not all be sold the year it is produced. Of the $1,147,978 receipts reported for that year, $1,125,153 was from wholesale sales and $22,825 from retail sales.

The $110,737 receipts for flower seeds only were from wholesale sales, there being no retail sales reported. This sum represents 15.5 per cent of receipts of all flower growers in the United States from sales in 1929.

Receipts of establishments growing vegetable seeds only were $1,037,241, of which $1,014,416 was from wholesale sales and $22,825 from retail sales. Colorado ranked first among the states in the production of cucumber and cantaloupe seed; second in lima beans, onion and squash and pumpkin seeds; and third in garden beans and watermelon seeds. The state produced in 1929 a total of 283,812 pounds of cantaloupe seed, which was 98.3 per cent of 288,624 pounds reported by the seven principal states, including Colorado. Of 388,572 pounds of cucumber seeds

produced by the states reporting, Colorado's output was 366,647 pounds, or 94.4 per cent of the total. Colorado's biggest seed crop is garden beans of all varieties. Colorado's production in 1929 was 4,190,358 pounds. Nineteen states, including Colorado, produced 37,884,031 pounds. Colorado was exceeded only by Idaho and Michigan and produced 11.1 per cent of the total. Principal seeds produced in 1929, production in pounds and Colorado's rank among the states are as follows:

Class	Production	Rank
Cantaloupe	283,812	1
Cucumber	366,647	1
Garden beans	4,190,358	3
Lima beans	246,723	2
Onions	34,193	2
Peas	1,323,726	7
Squash and pumpkin	57,412	2
Watermelon	18,475	3

The total production of the above and of pepper, radish, sweet corn and tomato seeds aggregated 6,617,885 pounds.

MUSHROOMS

Colorado has one establishment engaged in the growing of mushrooms and its receipts are not made public by the census bureau in order to avoid the disclosure of individual operations. It is, however, ranked as one of the largest establishments in the country engaged in that industry. In 1929 it operated 155,800 square feet of mushroom houses and was the only establishment of the kind in the Rocky Mountain states with the exception of a small plant in Montana.

COLORADO FRUIT PRODUCTION AND VALUE, BY YEARS

(Co-operative Crop Reporting Service)

Quantities are in bushels for apples, peaches and pears and in tons for cherries and grapes.

Year	Apples	Peaches	Pears	Cherries	Grapes	Miscellaneous	Total
Production:							
1918	1,845,000	754,000	194,000	*115,000	[1]	.....	.....
1919	3,418,000	840,000	311,000	5,000	[1]	.....	.....
1920	2,760,000	766,000	423,000	750	[1]	.....	.....
1921	3,200,000	860,000	483,000	3,600	[1]	.....	.....
1922	4,250,000	1,160,000	519,000	5,200	[1]	.....	.....
1923	3,010,000	792,000	400,000	5,500	[1]	.....	.....
1924	3,024,000	920,000	550,000	650	[1]	.....	.....
1925	3,200,000	450,000	510,000	3,600	260	.....	.....
1926	3,444,000	976,000	564,000	7,000	320	.....	.....
1927	2,592,000	892,000	480,000	4,200	314	.....	.....
1928	3,020,000	600,000	185,000	1,500	357	.....	.....
1929	2,300,000	953,000	600,000	5,100	374	.....	.....
1930	1,060,000	787,000	146,000	3,500	223	.....	.....
1931	2,000,000	1,130,000	525,000	2,500	280	.....	.....
1932	2,294,000	1,142,000	429,000	3,825	462	.....	.....
1933	1,454,000	578,000	271,000	1,976	400	.....	.....
Value:							
1918	$3,126,500	$1,508,000	$ 291,000	$235,000	[1]	$1,100,000	$6,260,500
1919	5,468,800	2,268,000	715,000	600,000	[1]	400,000	9,451,800
1920	2,760,000	1,915,000	803,700	165,000	[1]	500,000	6,143,700
1921	5,440,000	1,505,000	1,062,000	396,000	[1]	550,000	8,953,000
1922	3,187,500	1,160,000	389,250	624,000	[1]	550,000	5,910,750
1923	2,799,300	1,354,320	624,000	660,000	[1]	550,000	5,987,620
1924	3,931,000	1,472,000	770,000	78,000	[1]	550,000	6,801,000
1925	3,520,000	855,000	586,000	396,000	$26,000	550,000	5,933,000
1926	2,411,000	1,074,000	367,000	700,000	32,000	550,000	5,134,000
1927	2,851,000	1,070,000	672,000	420,000	34,000	600,000	5,647,000
1928	1,963,000	720,000	194,000	180,000	40,000	625,000	3,722,000
1929	2,185,000	1,382,000	900,000	612,000	15,000	276,000	5,370,000
1930	901,000	1,141,000	190,000	315,000	[1]	206,000	2,753,000
1931	1,220,000	565,000	315,000	175,000	14,000	114,000	2,403,000
1932	963,000	480,000	172,000	199,000	21,000	128,000	1,963,000
1933	829,000	751,000	176,000	107,000	22,000	110,000	1,995,000

*Crates.

[1]Not segregated.

SMALL FRUITS: ACREAGE, PRODUCTION AND VALUE IN COLORADO

(Compiled from Census Reports)

	Straw-berries	Rasp-berries	Black-berries and Dew-berries	Currants	Goose-berries	Other Small Fruits
Farms reporting:						
1929	1,588	1,890	195	361	240	36
1919	1,513	1,356	251	751	------	------
Acreage:						
1929	658	973	112	85	88	9
1919	653	600	91	141	------	------
Production (Quarts):						
1929	900,765	982,546	78,951	54,648	146,390	7,600
1919	944,276	633,766	76,234	137,634	------	------
Value:						
1929	$173,471	$205,149	$17,313	(1)	(1)	$23,839
1919	236,074	158,449	19,296	$26,151	(1)	41,184

(1) Included with Other Small Fruits.

COLORADO FRUIT TREES AND PRODUCTION, CENSUS YEARS

(Bureau of the Census)

	Apples	Peaches	Pears	Plums and Prunes	Cherries	†Grapes	Apricots
Trees not of bearing age, number:							
1930	97,053	334,565	47,809	17,923	230,218	37,434	10,974
1920	183,315	32,158	39,979	28,055	74,799	15,836	575
Trees of bearing age:							
1930	993,186	454,101	155,300	60,148	286,111	168,307	15,015
1920	1,777,737	446,943	136,117	80,027	348,832	125,027	5,904
Production (bushels):							
1929	2,251,330	953,175	527,900	26,890	182,606	*963,202	22,176
1919	3,417,682	721,480	269,465	44,944	165,087	*526,509	9,154
Values:							
1929	$2,454,347	$1,198,009	$895,023	$55,825	$586,981	$33,016	-----
1919	5,639,178	1,334,741	592,824	107,866	536,537	42,122	$15,562

*Pounds. †Vines.

AVERAGE PRICES OF APPLES, PEACHES AND PEARS ON DECEMBER 1

	1933		1932		1931		1930		1929		1928	
	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.
Apples	.57	.68	.42	.59	.60	.58	.85	.93	.95	1.31	.65	1.00
Peaches	1.30	.76	.42	.52	.50	.56	1.45	.89	1.45	1.35	1.20	.99
Pears	.65	.52	.40	.39	.60	.60	1.30	.75	1.50	1.43	1.05	1.02

APPLE, PEACH AND PEAR TREES OF BEARING AGE, 1930 AND 1920, AND PRODUCTION IN 1929, BY COUNTIES

(Compiled from Census Reports)

COUNTY	Apples			Peaches			Pears		
	No. Trees		Production 1929 (Bu.)	No. Trees		Production 1929 (Bu.)	No. Trees		Production 1929 (Bu.)
	1930	1920		1930	1920		1930	1920	
Adams	6,463	14,999	18,940	35	114	8	37	44	17
Alamosa	82	-----	89	-----	-----	-----	-----	-----	-----
Arapahoe	4,357	12,895	9,006	51	17	7	148	125	45
Archuleta	676	3,680	75	-----	37	-----	26	147	58
Baca	400	934	82	1,753	2,709	390	90	312	19
Bent	1,586	5,709	754	675	1,776	514	84	77	22
Boulder	21,150	40,285	58,711	34	173	23	25	143	30
Chaffee	10,067	11,645	5,841	1	-----	-----	23	24	13
Cheyenne	175	232	31	119	529	28	22	25	2
Clear Creek	6	-----	2	-----	-----	-----	-----	-----	-----
Conejos	133	62	188	-----	-----	-----	-----	-----	-----
Costilla	934	260	1,434	-----	-----	-----	51	23	91
Crowley	8,829	19,626	6,706	138	336	184	30	16	3
Custer	616	1,301	483	10	63	5	14	23	-----
Delta	423,932	482,644	1,189,442	148,089	163,488	78,373	9,375	8,449	18,327
Denver	255	904	310	-----	-----	-----	-----	19	-----
Dolores	105	70	14	45	10	39	4	10	-----
Douglas	3,094	2,276	1,183	2	50	-----	4	5	6
Eagle	479	1,221	620	1	-----	1	5	52	5
Elbert	408	681	252	17	16	3	38	14	3
El Paso	1,408	2,557	620	35	19	7	15	40	21
Fremont	115,003	195,010	124,991	176	1,691	118	1,351	1,379	2,045
Garfield	37,439	67,685	54,450	5,212	7,885	2,206	587	2,033	778
Gilpin	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison	320	8	400	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano	4,485	7,422	10,672	14	15	6	31	118	57
Jackson	-----	-----	-----	-----	-----	-----	-----	-----	-----
Jefferson	31,294	56,646	28,899	154	539	60	105	202	23
Kiowa	132	199	50	110	152	21	15	13	3
Kit Carson	327	635	57	177	909	36	35	21	3
Lake	-----	22,651	-----	-----	233	-----	-----	1,291	-----
La Plata	16,689	-----	31,618	268	-----	247	1,446	-----	1,905
Larimer	53,012	65,585	170,081	9	200	4	72	424	143
Las Animas	2,034	5,019	3,474	88	27	47	41	45	12
Lincoln	370	116	198	225	152	47	12	4	3
Logan	1,134	1,476	1,059	134	68	88	60	72	23
Mesa	108,950	477,800	284,250	285,754	242,200	862,316	139,114	115,525	501,167
Mineral	-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat	269	66	524	5	-----	15	8	-----	15
Montezuma	48,403	67,471	122,816	3,593	7,001	5,249	998	2,250	1,620
Montrose	51,903	106,774	94,702	4,431	8,217	1,101	768	2,071	1,037
Morgan	788	1,357	640	14	49	6	60	24	10
Otero	9,530	36,878	1,338	364	1,248	401	37	65	23
Ouray	343	522	219	33	22	3	7	18	8
Park	-----	-----	-----	-----	-----	-----	-----	-----	-----
Phillips	163	158	60	47	57	9	20	1	4
Pitkin	286	296	265	-----	-----	-----	1	10	1
Prowers	3,564	9,726	1,054	982	2,923	786	74	192	17
Pueblo	11,250	27,585	11,916	87	214	40	54	217	28
Rio Blanco	620	959	570	1	-----	-----	2	-----	-----
Rio Grande	187	103	444	-----	-----	-----	-----	-----	-----
Routt	90	33	130	-----	4	-----	-----	-----	-----
Saguache	525	442	1,041	1	-----	1	3	6	3
San Juan	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	505	1,250	364	8	45	11	25	70	20
Sedgwick	163	135	239	106	54	-----	14	26	22
Summit	-----	-----	-----	-----	-----	-----	-----	-----	-----
Teller	28	3,017	-----	-----	100	-----	-----	25	-----
Washington	489	164	163	242	209	18	60	15	21
Weld	6,137	15,640	8,363	28	202	22	150	108	155
Yuma	1,599	2,928	1,500	833	3,190	735	159	344	92
State	993,186	1,777,737	2,251,330	454,101	446,943	953,175	155,300	136,117	527,900

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

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

(Compiled from Census Reports)

COUNTY	Cherries			Plums and Prunes			Grapes		
	No. Trees		Production 1929 (Bushels)	No. Trees		Production 1929 (Bushels)	No. Vines		Production 1929 (Pounds)
	1930	1920		1930	1920		1930	1920	
Adams	3,670	12,071	1,466	1,270	1,755	471	408	75	531
Alamosa	2	-----	-----	-----	-----	-----	-----	-----	-----
Arapahoe	1,840	3,788	922	789	1,017	655	260	27	985
Archuleta	18	151	-----	52	101	12	3	-----	-----
Baca	1,153	1,073	69	720	740	101	556	1,125	1,360
Bent	737	1,477	322	1,000	1,299	798	830	1,280	1,895
Boulder	3,566	7,719	2,217	1,262	3,462	775	6,324	5,662	36,013
Chaffee	123	126	51	60	221	38	-----	-----	-----
Cheyenne	224	244	55	319	1,286	67	53	128	30
Clear Creek	-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos	17	-----	5	2	9	1	-----	6	-----
Costilla	45	7	21	59	105	35	-----	-----	-----
Crowley	1,606	30,691	1,238	251	790	160	12,235	7,492	91,925
Custer	29	206	16	34	94	3	-----	4	-----
Delta	10,418	13,846	15,014	4,225	11,025	2,116	19,728	9,067	154,580
Denver	142	497	103	11	66	10	104	-----	200
Dolores	14	6	7	28	41	6	6	6	75
Douglas	63	142	13	144	82	17	21	-----	-----
Eagle	84	211	25	47	57	27	-----	-----	-----
Elbert	940	1,429	595	247	383	51	6	29	-----
El Paso	1,495	17,261	240	298	219	148	150	250	600
Fremont	36,638	43,151	47,260	2,079	3,625	428	16,076	23,404	56,610
Garfield	3,193	4,053	3,866	2,322	2,395	1,977	22,343	9,544	95,794
Gilpin	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison	-----	3	-----	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano	191	558	114	86	511	56	-----	2	-----
Jackson	-----	-----	-----	-----	-----	-----	-----	-----	-----
Jefferson	42,577	50,245	12,349	6,667	8,581	1,744	12,484	11,990	32,693
Kiowa	141	372	77	172	1,435	25	191	150	200
Kit Carson	891	1,114	253	1,086	1,199	72	125	2,413	20
Lake	-----	2,064	-----	-----	1,487	-----	-----	37	-----
La Plata	1,446	-----	1,202	1,468	-----	800	271	-----	1,699
Larimer	145,957	73,169	76,689	3,535	4,412	1,844	1,526	262	2,005
Las Animas	1,281	428	128	619	1,166	118	36	12	46
Lincoln	693	364	234	488	294	75	73	224	150
Logan	1,512	1,354	395	2,472	1,437	1,186	129	-----	980
Mesa	3,763	9,639	3,438	3,356	4,565	2,865	38,375	18,390	267,723
Mineral	-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat	38	1	19	184	14	46	54	-----	500
Montezuma	1,188	2,233	1,496	1,727	2,643	2,253	10,085	4,838	70,638
Montrose	1,601	4,137	1,683	1,451	3,025	2,449	8,087	4,581	50,533
Morgan	1,165	1,790	398	11,000	2,166	946	71	157	250
Otero	3,609	35,085	2,617	991	3,964	665	13,504	16,090	76,430
Ouray	12	33	-----	95	74	47	88	12	500
Park	-----	-----	-----	-----	-----	-----	-----	-----	-----
Phillips	971	583	307	525	202	171	32	-----	155
Pitkin	17	23	8	-----	14	-----	-----	-----	-----
Prowers	720	2,375	191	1,377	1,730	390	126	394	305
Pueblo	3,249	11,907	2,122	757	2,519	581	3,588	6,507	15,475
Rio Blanco	22	39	15	52	22	58	-----	-----	-----
Rio Grande	1	-----	-----	15	-----	5	-----	-----	-----
Routt	38	2	5	4	2	1	-----	-----	-----
Saguache	14	105	2	16	22	9	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	32	82	21	29	53	15	10	20	50
Sedgwick	360	608	226	660	392	260	35	-----	93
Summit	-----	-----	-----	-----	-----	-----	-----	-----	-----
Teller	1	1,000	-----	-----	100	-----	-----	-----	-----
Washington	1,343	826	263	1,257	1,185	152	34	83	25
Weld	3,497	5,944	2,999	2,199	6,372	1,403	207	250	1,823
Yuma	3,764	4,600	1,850	2,641	1,669	758	73	516	306
State	286,111	348,832	182,606	60,148	80,027	26,890	168,307	125,027	963,202

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

HORTICULTURE: SUMMARY OF INDUSTRY FOR COLORADO, 1929
(Compiled from Census Reports)

Note.—This table is a summary of commercial establishments only. The agricultural census, which included two items embraced in this summary, namely, receipts from sales of nursery products, flower and vegetable seeds and bulbs, and receipts from sales of flowers, vegetables and plants grown under glass and flowers grown in the open, reported receipts of $2,300,673 by 494 farm operators. There is some duplication in the two reports and this total embraces some sales by farmers which are not included in the totals for the commercial establishments.

	Flowers and Vegetables Grown Under Glass and Flowers Grown in the Open	Nurseries	Bulb Farms	Flowers and Vegetable Seed Growing	Total*
Establishments reporting:	204	46	12	18	281
Type:					
Individual	146	37	12	5	200
Partnership	32	6	....	3	41
Corporation	26	3	....	10	39
Lands, buildings and equipment:					
Area, acres (Total)	570	272	28	12,839	13,716
Value (Total)	$4,143,359	$325,266	$22,415	$ 490,950	$5,116,695
Structures:					
Greenhouses—					
Area sq. ft.	3,519,888	6,953	....	.....	3,526,841
Value	$2,792,385	$ 3,300	....	.....	$2,795,685
Hotbeds and frames—					
Area, sq. ft.	291,294	11,012	....	.....	302,306
Value	$ 52,005	$ 1,457	....	.....	$ 53,462
Lath houses—					
Area, sq. ft.	11,750	21,200	....	.....	32,950
Value	$ 1,157	$ 925	....	.....	$ 2,082
All other buildings—					
Value	$ 625,423	$ 63,381	$ 4,429	.....	$ 693,233
Equipment (tools, water systems, autos, trucks. etc.):					
Value	$ 201,340	$ 47,768	$ 3,413	$ †62,950	$ 315,471
Expenditures, Total	$1,612,253	$177,504	$13,828	$ 764,957	$2,568,542
Salaries and wages	753,957	82,150	6,317	84,374	926,798
Employees:					
Maximum number in 1929	1,181	191	28	149	1,579
Receipts:					
From sale of products	$2,137,912	$228,059	$21,913	$1,147,978	$3,535,862

†Includes buildings.

*Totals include the following items for the mushroom industry: establishments, 1; area in acres, 7; value, $134,705; employees, 30. All other totals are exclusive of the mushroom industry, which are omitted so as not to disclose individual operations.

HORTICULTURE IN COLORADO: FLOWERS AND VEGETABLES GROWN UNDER GLASS AND FLOWERS GROWN IN THE OPEN, AREA, VALUE, RECEIPTS AND EXPENDITURES

(Compiled from Census Reports)

	1929	1919	1909
Establishments reporting	204	197	94
Area, acres	570	*	*
Value of land, buildings and equipment	$4,143,359	*	*
Area under glass, square feet†	3,519,888	1,982,534	1,340,824
Value of greenhouses	$2,792,385	*	*
Expenditures:			
Flowers only	1,358,979	*	*
Flowers and vegetables	206,401	*	*
Vegetables only	46,873	*	*
Total expenditures	$1,612,253	*	*
Receipts from sale of products:			
Flowers and flowering plants	$2,008,879	$ 859,681	‡
Vegetables and vegetable plants	129,033	202,583	‡
Total	$2,137,912	$1,062,264	$ 468,685
Average receipts per establishment	$ 10,480	$ 5,392	$ 4,986

*Not reported for 1919 and 1909.

†Not including hotbeds and frames in 1929, which were included in 1919 and 1909.

‡Not reported separately.

NURSERIES IN COLORADO: ESTABLISHMENTS, AREA, RECEIPTS, VALUE AND EXPENDITURES

(Compiled from Census Reports)

Note.—A nursery, for census purposes, is a place devoted to growing as follows: Lining out stock, including budding and grafting stocks; ornamental plants; deciduous fruit trees and grapevines; edible nut trees; citrus fruit trees; subtropical fruit trees; and small fruit plants.

	1929	1919	1909
Number of establishments reporting	46	33	61
Area, acres	272	159	241
Value of land, buildings and equipment	$325,266	*	*
Expenditures	177,504	*	*
Receipts from sale of products	228,059	83,062	72,090
Average receipts per establishment	4,958	2,517	1,182
Average receipts per acre	838	522	299

*Not reported in 1919 and 1909.

Manufacturing

THE first census of manufacturing in what is now the state of Colorado was taken in 1870 and covered operations in 1869. In that year there were 256 establishments, in which 876 persons, including firm members, salaried officers and employes and wage earners, were engaged. Salaries and wages paid amounted to $528,221 and the value of products was $2,852,820. From this beginning the industry showed a steady gain until the peak was reached in 1929, when the value of manufactured products reached $306,071,031. A sharp decline occurred in 1931, when the value of products dropped back to $183,469,363, but remained $46,630,042 ahead of 1914.

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

Year	Value	Per Cent Increase
1869	$ 2,852,820	.....
1879	14,260,159	399.86
1889	42,480,205	197.89
1899	89,067,879	109.66
1904	100,143,999	12.44
1909	130,044,312	29.89
1914	136,839,321	5.23
1919	275,622,335	101.42
1921	221,324,285	—19.70
1923	255,189,812	16.41
1925	278,778,008	9.24
1927	278,221,431	—0.20
1929	306,071,031	10.00
1931	183,469,363	—40.06

(—) Denotes decrease.

The manufacturing industry ranks first in comparison to agriculture and mining on the basis of value of products. That basis is not, however, a true measure of the relative importance of the industries, inasmuch as many of the products of agriculture and mining go into manufacturing. A much better measure of the actual value created by manufacturing processes is the "value added by manufacture." On that basis agriculture ranks ahead of manufacturing in Colorado, while the latter is ahead of mining. In 1931, however, due to abnormal conditions in agriculture, manufactures ranked first and above agriculture on the basis of values. The relative position of the three industries for 1931, using the "value added by manufacture" for that industry, is as follows:

Manufactures	$76,338,107
Agricultural products	63,488,610
Mineral output	32,970,230

An accompanying chart shows the relative position of manufacturing, mining and agriculture from 1919 to 1931, inclusive. A marked change in the relative position of the three industries would be apparent in prior years if reliable statistics on agriculture for years previous to 1919 were available.

Colorado ranked thirty-fourth among the states in the value of its manufactured products in 1931, the same position it occupied in 1929 and 1919. The increase in Colorado in 1929 as compared with 1919 was 11 per cent. The increase for the United States in the same ten-year period was 13.5 per cent. The value of manufactured products in Colorado was 40 per cent less in 1931 than in 1929, as compared with a decrease of 41.3 per cent for the United States as a whole in the same period.

Another method of comparing Colorado manufacturing with the country as a whole is on a per capita basis. Colorado's output in 1929 was $295.49 per capita, based on the 1930 census, which compares with $573.79 per capita for the United States. The per capita output in 1919 was $294.29 for Colorado and $586.90 for the country as a whole, and $177.13 for Colorado and $336.80 for the United States in 1931.

Colorado ranks high among the states in the manufacture of a number of commodities on which figures are not available, due to the fact that publication of output might disclose individual operations. The state ranks first in the manufacture of beet sugar. Cement, chemicals, coke, rubber products and several other industries are included in groups to avoid disclosure of individual operations.

Colorado ranked third among the states in 1929 in the manufacture of mining machinery, its output being $4,818,628, or 11.9 per cent of the total output for the United States. The state also ranks high in the production of canned fruits and vegetables, standing fourth in canned beans, fifth in kraut, tenth in ketchup and twelfth in canned tomatoes. Coffee roasting and grinding also is an important industry, the state ranking twenty-first among the states of the Union, including the District of Columbia. This industry roasted and ground 7,503,312 pounds of coffee valued at $2,989,250 in 1929.

The major industries in the state in 1931, in the order of the value of their output, for which separate figures are available, are as follows:

	Value Output
Meat packing	$23,760,495
Printing and publishing newspapers and periodicals	10,707,745
Bread and other bakery products	9,453,289
Flour and other grain mill products	8,267,958
Car and general construction and repairs, steam railroad repair shops	7,976,192
Butter	6,331,731
Foundry and machine shop products	5,130,598
Printing and publishing, job and book	3,892,399
Fruit and vegetable canning	3,547,090
Prepared feeds for animals and fowls	3,254,169

Out of 1,548 establishments in the state in 1929 with an output of products valued at $306,071,031, there were 59 establishments with an output of $1,000,000, or more, or a total of $188,870,643. These 59 establishments manufactured 61.7 per cent of the state's total output. Nine of these produced $5,000,000, or more; seven produced $2,500,000 to $5,000,000; and 43 had an output valued at $1,000,000 to $2,500,000.

An accompanying table shows the number of persons engaged in the manufacturing industry by years. The figures include proprietors and firm members, officers and salaried employes and wage earners. In some of the years only the average number of wage earners was taken in the census. The following table shows the average number of wage earners by years:

1899	19,498
1904	21,813
1909	28,067
1914	27,278
1919	35,254
1921	27,625
1923	31,226
1925	31,967
1927	32,001
1929	32,890
1931	24,788

A table published herewith shows that the number of manufacturing establishments dropped from 2,631 in 1919 to 1,491 in 1921. This was due to the inclusion in 1919 of all plants with an output of $500, or more, in value, and in subsequent years only plants with an output of $5,000 or more were included. The change made little difference in the comparability of figures for census years except in the number of establishments.

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.

The statistics given in this chapter on the average number of wage earners are based on yearly averages. A number of industries, such as sugar manufacturing, canning and preserving and others, show a considerable variation in the number employed from month to month. Canning and preserving, for instance, employed in 1929 194 persons on February 15 and 2,316 on the same date in September and the average number for the year was 826. The proportion of the minimum to the maximum was 8.4 per cent. The manufacturing industry of the state as a whole showed in 1929 a ratio of 78.2 per cent minimum to the maximum number of wage earners on a monthly basis.

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

A summary of the industry in Colorado in census years from 1899 to 1931, inclusive.

A summary of the industry, including size of establishments, value of products, type of ownership, and persons engaged, by sex, for 1929, 1919, 1909 and 1899.

An historical summary of the industry from 1869 to 1931, inclusive.

Summaries of separate industries for 1929 and 1931.

A summary of principal industries by census years.

A table showing the number of wage earners employed on the 15th of each month in 1929, 1919, 1914 and 1909, with average number employed during the year and per cent of minimum to maximum.

A chart showing the relative position of separate industries in 1925, value of products and per cent of value of all manufactures.

A chart comparing the value of production of manufactures, mines and farms by census years.

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

A table showing wheat ground and wheat-milling products, by years.

A summary of manufactures for cities having 10,000, or more, population for 1929, 1925 and 1919.

A table showing the number of establishments, wages paid and value of products by counties for 1919 and 1929.

Summaries of cheese and butter manufactures by census years.

A summary of clay-products industries in 1931, 1929 and 1919.

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

MANUFACTURES: SUMMARY OF THE INDUSTRY FOR COLORADO; 1899, 1909, 1919 AND 1929

(Compiled from Census Reports)

Note.—Data for the "Automobile Repairing" industry are included in the figures for 1919. The figures for 1919 and prior years cover all establishments with products valued at $500 or more, whereas the corresponding limit for 1929 was $5,000.

	1929	1919	1909	1899
Number of establishments	1,548	2,631	2,034	1,323
Persons engaged:				
Proprietors and firm members	867	2,234	1,722	--------
Salaried officers and employes	6,223	7,241	4,326	1,870
Wage earners (average for the year)	32,890	35,254	28,067	19,498
Total persons engaged	39,980	44,729	34,115	--------
By sex:				
Male	35,296	39,650	31,381	--------
Female	4,684	5,079	2,734	--------
Salaries	$ 13,580,172	$ 13,045,975	$ 5,647,684	$ 2,058,798
Wages	43,640,403	42,974,879	19,912,342	11,707,566
Total, salaries and wages	$ 57,220,575	$ 56,020,854	$ 25,560,026	$ 13,766,364
Cost of materials, containers for products, fuel, and purchased electric energy*	$183,739,553	$174,870,275	$ 80,490,904	$ 60,750,784
Value of products	306,071,031	275,622,335	130,044,312	89,067,879
Value added by manufacture†	122,331,478	100,752,060	49,553,408	28,317,095
Size of establishments:				
By wage earners—				
No wage earners	65	461	325	--------
1 to 5	844	1,495	1,113	--------
6 to 20	386	421	398	--------
21 to 50	129	143	84	--------
51 to 100	58	44	63	--------
101 to 250	50	48	32	--------
251 to 500	11	11	16	--------
501 and over	5	8	3	--------
By value of product—				
Less than $5,000	£	830	760	--------
$5,000 to $19,999	644	903	748	--------
$20,000 to $99,999	553	598	351	--------
$100,000 to $499,999	249	211	155	--------
$500,000 to $999,999	43	43	--------	--------
$1,000,000 and over‡	59	46	20	--------
Type of ownership or control:				
Corporate ownership or control	811	884	--------	--------
Other forms of ownership or control (individual, partnership, etc.)	737	1,747	--------	--------

*Includes considerable duplication due to the use of products of certain industries as materials in others.

†Value of products less cost of materials, containers for products, fuel and purchased electric energy. This item does not represent manufacturers' profit.

‡Includes for 1929 seven establishments with value of products between $2,500,000 and $4,999,999 and nine establishments with value of products of $5,000,000 and over.

£Not taken in 1929.

MANUFACTURING IN COLORADO: SUMMARY, 1899 TO 1931

(Compiled from Census Reports)

Note.—Data for the "Automobile Repairing" industry are included in the figures for 1919 and 1914, the only years for which this industry was canvassed in connection with the census of manufacturers. The figures for 1919 and prior years cover all establishments, in all industries, with products valued at $500 or more, whereas the corresponding limit for 1921 and subsequent years was $5,000.

Year or Period	Number of Establishments	Wage Earners (Average for the Year)[1]	Horsepower (Rated Capacity) of Power Equipment			Wages	Cost of Materials, Containers for Products, Fuel, and Purchased Electric Energy			Value of Products[2]	Value Added by Manufacture[3]
			Total	Prime Movers	Motors Driven by Purchased Energy		Total[2]	Materials and Containers	Fuel and Purchased Energy		
1899	1,323	19,498	43,082	41,895	1,187	$ 11,707,566	$ 60,750,784	[6]	[6]	$ 89,067,879	$ 28,317,095
1904	1,606	21,813	124,836	121,071	3,765	15,100,365	63,114,397	$ 58,963,925	$ 4,150,472	100,143,999	37,029,602
1909	2,034	28,067	154,514	138,640	15,874	19,912,342	80,490,904	71,962,388	8,528,516	130,044,312	49,553,408
1914	2,126	27,278	162,701	135,352	27,349	20,199,754	89,756,302	81,700,061	8,056,241	136,839,321	47,083,019
1919	2,631	35,254	206,110	148,787	57,323	42,974,879	174,870,275	160,204,060	14,666,215	275,622,335	100,752,060
1921	1,491	27,625	[5]	[5]	[5]	38,611,463	147,248,631	[4]	[4]	221,324,285	74,075,654
1923	1,377	31,226	176,076	112,145	63,931	40,652,745	150,092,753	[4]	[4]	255,189,812	105,097,059
1925	1,416	31,967	219,865	128,918	90,947	43,007,674	171,191,543	[4]	[4]	278,778,008	107,586,465
1927	1,483	32,001	254,530	171,585	82,945	43,193,765	173,277,399	155,046,508	18,230,891	278,221,431	104.944,032
1929	1,548	32,890	233,726	135,353	98,373	43,640,403	183,739,553	170,113,113	13,626,440	306,071,031	122,331,478
1931	1,359	24,788	------	------	------	29,634,588	107,131,256	--------	--------	183,469,363	76,338,107
	Per Cent of Increase or Decrease (—)										
1899-1909	53.7	43.9	258.7	230.9	1,237.3	70.1	32.5	------	------	46.0	75.0
1909-1919	29.4	25.6	33.4	7.3	261.1	115.8	117.3	122.6	72.0	111.9	103.3
1919-1929	—41.2	—6.7	13.4	—9.0	71.6	1.5	5.1	6.2	—7.1	11.0	21.4
1919-1921	—43.3	—21.6	---	---	---	—10.2	—15.8	------	------	—19.7	—26.5
1921-1923	—7.6	13.0	---	---	---	5.3	1.9	------	------	15.3	41.9
1923-1925	2.8	2.4	24.9	15.0	42.3	5.8	14.1	------	------	9.2	2.4
1925-1927	4.7	0.1	15.8	33.1	—8.8	0.4	1.2	------	------	—0.2	—2.5
1927-1929	4.4	2.8	—8.2	—21.1	18.6	1.0	6.0	9.7	—25.3	10.0	16.6
1929-1931	—12.2	—24.6	---	---	---	—32.1	—41.7	------	------	—40.1	—36.8

[1]Not including salaried employes.

[2]The aggregates for cost of materials, etc., and value of products, include considerable amounts of duplication due to the use of the products of certain industries as materials in others.

[3]Value of products less cost of materials, containers for products, fuel, and purchased electric energy. This item does not represent manufacturers' profits.

[4]Not reported separately.

[5]Not called for on schedule.

[6]No comparable data.

MANUFACTURING IN COLORADO BY YEARS

(From Census Reports)

YEAR	Number of Establishments	Persons Engaged	Salaries and Wages Paid	Value of Products	Value Added by Manufacture
1869.....	256	876	$ 528,221	$ 2,852,820	$ 1,259,540
1879.....	599	5,074	2,314,427	14,260,159	5,453,397
1889.....	1,518	17,067	12,285,734	42,480,205	21,631,889
1899.....	1,323	22,768	13,767,000	89,068,000	28,317,000
1904.....	1,606	25,888	18,649,000	100,144,000	37,030,000
1909.....	2,034	34,115	25,560,026	130,044,312	49,553,408
1914.....	2,126	33,715	26,576,617	136,839,321	47,083,019
1919.....	2,631	44,729	56,020,854	275,622,335	100,752,060
1921.....	1,491	34,396	50,090,546	221,324,285	74,075,654
1923.....	1,377	38,353	53,254,702	255,189,812	105,097,059
1925.....	1,416	(*)	(*)	278,778,008	107,586,465
1927.....	1,483	(*)	(*)	278,221,431	104,944,032
1929.....	1,548	39,980	57,220,575	306,071,031	122,331,478
1931†.....	1,359	.....	.....	183,469,363	76,338,107

(*) Proprietors and salaried employes are not included in state tables for these years. The average number of wage earners was 31,967 in 1925 and 32,001 in 1927, and wages paid were $43,007,674 in 1925 and $43,193,765 in 1927.

†Advance figures. Detail report has not yet been issued.

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

COLORADO MANUFACTURES: WAGE EARNERS, BY MONTHS; 1929, 1919, 1914 AND 1909

(Compiled from Census Reports)

Note.—Table gives the number employed on the 15th day of the month or the nearest representative day, average number employed during the year and per cent maximum is of minimum.

	1929	1919	1914	1909
January	29,490	35,173	26,816	27,962
February	29,343	34,208	24,519	25,181
March	29,944	33,333	24,836	25,374
April	31,004	34,361	25,489	25,531
May	31,783	33,974	25,710	25,835
June	32,674	35,019	26,667	27,059
July	33,227	36,749	28,258	28,099
August	33,923	37,553	27,994	28,238
September	34,081	33,027	27,959	28,415
October	37,533	35,877	31,004	31,026
November	36,109	36,636	29,667	32,050
December	35,569	37,138	28,417	32,034
Average number employed during the year	32,890	35,254	27,278	28,067
Per cent minimum is of maximum:....	78.2	87.9	79.1	78.6

MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1929

(Compiled from Census Reports)

Note.—This table gives separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group under "Other Industries." Included under this heading are beet sugar, the largest of the state's manufacturing industries, steel and iron products, cement and others of high ranking importance.

INDUSTRY	Number of Establishments	Wage Earners (Average for the Year)	Wages	Cost of Materials, Containers, Fuel, and Purchased Electric Energy	Value of Products*
Agricultural Implements	5	17	$ 20,329	$ 45,437	$ 106,477
Awnings, Tents, Sails and Canvas Covers	9	113	126,708	413,274	802,327
Beverages	34	148	203,500	550,583	1,234,224
Bookbinding and blank-book making	6	52	52,410	44,209	204,101
Boxes, Paper, not elsewhere classified	4	177	145,459	301,212	683,723
Boxes, Wooden, except cigar boxes	4	97	86,791	281,683	439,578
Bread and other Bakery Products	180	1,689	2,005,840	5,648,904	11,773,612
Brushes, other than rubber	3	12	12,335	23,191	50,187
Butter	60	303	340,492	8,039,080	9,854,633
Canning and Preserving: Fruits and Vegetables; Pickles, Jellies, Preserves and Sauces	26	826	599,578	3,292,867	5,322,062
Car and general construction and repairs, steam railroad repair shops	28	4,357	6,611,834	5,340,342	12,896,035
Caskets, coffins, burial cases, and other morticians' goods	7	42	53,905	158,886	360,345
Cheese	16	29	44,825	713,432	846,964
Chemicals, not elsewhere classified	3	52	62,395	476,235	751,138
Cigars and cigarettes	5	117	88,598	110,932	295,433
Clay products (other than pottery) and non-clay refractories	33	866	1,155,724	969,455	3,097,442
Cleaning and polishing preparations	7	10	13,118	46,647	119,130
Clothing (except work clothing) Men's, youths' and boys', not elsewhere classified	5	467	364,189	715,572	1,443,510
Clothing, women's, not elsewhere classified	7	149	97,474	276,804	559,657
Coffee and spice, roasting and grinding	14	133	137,667	2,772,557	3,682,184
Concrete products	13	189	288,292	608,458	1,176,424
Confectionery	40	508	394,698	1,418,674	2,872,664
Copper, Tin and sheet-iron work, including galvanized iron work, not elsewhere classified	15	195	261,733	859,452	1,541,951
Dental goods and equipment	3	45	58,337	81,925	165,028
Druggists' preparations	6	23	30,792	121,907	316,258
Electrical machinery, apparatus, and supplies	8	71	76,159	334,829	540,903
Engraving, steel and copperplate, and plate printing	4	53	51,953	44,392	159,719
Feeds, prepared, for animals and fowls	24	273	345,517	3,677,476	4,677,448
Flavoring extracts and flavoring syrups	4	5	5,100	49,956	81,807
Flour and other grain-mill products	59	469	614,344	10,927,590	13,761,733
Food preparations, not elsewhere classified	16	143	131,888	888,212	1,646,814
Foundry and machine-shop products, not elsewhere classified	76	1,760	2,406,156	3,802,049	10,694,478
Furniture, including store and office fixtures	13	195	297,132	651,917	1,338,374
Gas, manufactured, illuminating and heating	7	78	103,186	243,303	622,683
Glass products (except mirrors) made from purchased glass	3	8	6,304	23,461	40,106
Grease and tallow, not including lubricating greases	6	55	69,828	303,843	509,205

*The aggregates for cost of materials, etc., and value of products include considerable amounts of duplication due to the use of the products of certain industries as materials in others. As a rule, however, little or no duplication is included in the corresponding items for individual industries.

MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1929—Continued

(Compiled from Census Reports)

Note.—This table gives separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group under "Other Industries." Included under this heading are beet sugar, the largest of the state's manufacturing industries, steel and iron products, cement and others of high ranking importance.

INDUSTRY	Number of Establishments	Wage Earners (Average for the Year)	Wages	Cost of Materials, Containers, Fuel, and Purchased Electric Energy	Value of Products*
Hand stamps and stencils and brands	3	45	$ 60,127	$ 56,149	$ 168,998
Ice Cream	29	163	215,277	1,122,393	2,480,453
Ice, manufactured	28	243	307,937	294,577	1,485,832
Instruments, professional and scientific	3	35	45,200	17,006	131,861
Jewelry	12	62	84,452	77,863	285,767
Lubricating oils and greases, not made in petroleum refineries	4	19	13,287	103,445	183,945
Lumber and timber products, not elsewhere classified	61	1,219	1,455,939	346,163	2,278,660
Marble, granite, slate, and other stone products	18	120	217,117	214,824	657,238
Mattresses and bed springs, not elsewhere classified	5	137	159,928	388,886	733,147
Meat packing, wholesale	25	1,497	1,832,894	31,765,422	36,719,567
Models and patterns, not including paper patterns	7	12	21,885	11,804	66,941
Motor vehicle bodies and motor vehicle parts	8	71	109,051	135,585	372,542
Nonferrous metal alloys and products, not including aluminum products	12	110	142,364	1,560,516	2,198,394
Paints and varnishes	5	65	88,779	637,965	1,101,579
Patent or proprietary medicines and compounds	10	22	22,173	143,861	344,368
Perfumes, cosmetics, and other toilet preparations	5	6	3,925	23,588	73,240
Photo engraving, not done in printing establishments	8	66	115,552	61,565	421,247
Planing mill products (including general millwork) not made in planing mills connected with sawmills	29	312	479,135	568,104	1,507,322
Pottery, including porcelain ware	4	114	112,410	61,337	325,786
Printing and publishing, book and job	109	1,034	1,597,046	1,630,725	5,353,011
Printing and publishing, newspaper and periodical	169	1,121	1,871,851	2,649,044	12,526,112
Saddlery and harness	8	95	112,890	267,205	484,736
Signs and advertising novelties	20	126	197,666	256,283	928,554
Sporting and athletic goods, not including firearms or ammunition	5	64	51,346	21,541	118,644
Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified	3	9	12,438	22,311	39,461
Stoves and ranges (other than electric and warm air furnaces	5	6	7,917	20,593	51,572
Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills	15	254	349,110	1,218,357	2,066,968
Surgical and orthopedic appliances, including artificial limbs	6	14	19,045	15,668	71,457
Vinegar and cider	4	16	11,307	37,250	88,789
Wall plaster, wall board, insulating board and floor composition	4	20	25,209	97,612	173,945
Other industries	171	12,087	16,532,556	85,653,165	137,962,538
Total State	1,548	32,890	$43,640,403	$183,739,553	$306,071,031

*The aggregates for cost of materials, etc., and value of products include considerable amounts of duplication due to the use of the products of certain industries as materials in others. As a rule, however, little or no duplication is included in the corresponding items for individual industries.

MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1931

(Compiled from Census Reports)

Note.—This table gives separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group under "Other Industries." Included under this heading are beet sugar, the largest of the state's manufacturing industries, steel and iron products, cement and others of high ranking importance.

INDUSTRY	Number of Establishments	Wage Earners (Average for the Year)*	Wages†	Cost of Materials, Containers, Fuel and Purchased Electric Energy†‡	Value of Products†‡
Agricultural implements	3	7	$ 10,697	$ 26,409	$ 64,650
Awnings, tents, sails and canvas covers	11	90	94,411	289,514	492,642
Beverages	34	147	165,048	376,576	938,715
Bookbinding and blank-book making	8	58	66,085	40,826	193,443
Boxes, paper, not elsewhere classified	3	135	114,169	233,279	510,858
Bread and other bakery products	154	1,572	1,846,978	3,969,518	9,453,289
Brushes, other than rubber	3	7	9,104	10,850	27,107
Butter	56	244	289,605	5,088,471	6,331,731
Canned and dried fruits and vegetables; pickles, jellies, preserves, sauces, and fruit butters	19	743	432,746	2,148,310	3,547,090
Car and general construction and repairs, steam railroad repair shops	27	3,374	4,995,485	2,893,349	7,976,192
Caskets, coffins, burial cases, and other morticians' goods	5	39	48,091	148,151	277,542
Cheese	14	22	29,580	339,942	416,374
Chemicals not elsewhere classified	4	32	34,272	163,400	282,439
Cigars and cigarettes	3	38	34,386	50,180	119,739
Clay products (other than pottery) and non-clay refractories	32	600	634,771	443,800	1,607,831
Cleaning and polishing preparations	6	9	11,792	39,193	84,962
Clothing (except work clothing), men's, youths' and boys' not elsewhere classified	5	304	223,371	287,062	626,879
Clothing, women's, not elsewhere classified	3	46	27,698	65,505	148,180
Coffee and spice, roasting and grinding	13	85	94,520	1,288,716	2,041,875
Concrete products	8	25	30,023	51,883	132,017
Confectionery	31	397	308,641	786,234	1,800,856
Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified	16	146	186,411	651,107	1,224,847
Dentists' supplies and equipment, except instruments	3	31	56,499	58,465	137,746
Druggists' preparations	6	29	43,120	123,641	311,541
Electrical machinery, apparatus, and supplies	5	45	49,686	111,379	207,006
Engraving, steel, copperplate, and wood, and plate printing	5	62	68,214	66,522	230,139
Feeds, prepared, for animals and fowls	38	172	182,292	2,287,133	3,254,169
Flavoring extracts and flavoring syrups	5	19	11,775	41,924	89,384
Flour and other grain-mill products	42	384	461,094	6,514,098	8,267,958
Food preparations not elsewhere classified	17	160	150,100	1,088,030	1,637,109
Foundry and machine-shop products, not elsewhere classified	63	1,082	1,163,221	1,893,538	5,130,598
Furniture, including store and office fixtures	17	244	280,059	683,999	1,372,166
Gas, manufactured, illuminating and heating	5	65	101,727	103,496	337,680
Grease and tallow, not including lubricating greases	6	46	59,340	189,814	272,811

*Not including salaried officers and employees. The average number of wage earners is based on the numbers reported for the several months of the year. This average probably exceeds somewhat the number that would have been required for the work performed if all had been continuously employed throughout the year. In making comparisons between the figures for 1931 and those for earlier years, the likelihood that the proportion of part-time employment was larger in 1931 than in former years should be taken into account.

†Manufacturers' profits can not be calculated from the census figures because no data are collected for certain expense items, such as salaries, interest on investment, rent, depreciation, taxes, insurance, and advertising.

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

MANUFACTURING IN COLORADO: SUMMARY BY INDUSTRIES, 1931—Continued

(Compiled from Census Reports)

Note.—This table gives separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group under "Other Industries." Included under this heading are beet sugar, the largest of the state's manufacturing industries, steel and iron products, cement and others of high ranking importance.

INDUSTRY	Number of Establishments	Wage Earners (Average for the Year)*	Wages†	Cost of Materials, Containers, Fuel and Purchased Electric Energy†‡	Value of Products†‡
House-furnishing goods not elsewhere classified	5	51	$ 34,035	$ 144,472	$ 246,817
Ice cream	29	116	172,342	850,240	1,950,783
Ice, manufactured	26	198	275,016	282,828	1,331,348
Jewelry	11	51	68,651	48,614	190,437
Lighting equipment	4	23	25,768	31,363	130,475
Lumber and timber products not elsewhere classified	43	477	578,428	159,745	851,009
Marble, granite, slate and other stone, cut and shaped	14	98	177,489	131,379	435,992
Mattresses and bed springs not elsewhere classified	4	81	84,721	231,573	443,182
Meat packing, wholesale	20	1,328	1,602,850	19,511,992	23,760,495
Millinery	3	18	14,708	11,997	55,743
Mirrors and other glass products made of purchased glass	3	10	13,418	16,553	49,899
Models and patterns, not including paper patterns	4	7	11,477	6,148	36,395
Motor vehicle bodies and motor vehicle parts	8	65	78,749	84,965	222,733
Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified	8	80	99,545	681,619	960,289
Paints and varnishes	5	47	61,862	338,336	629,715
Patent or proprietary medicines and compounds	10	33	38,222	107,995	288,207
Perfumes, cosmetics, and other toilet preparations	5	7	5,211	14,542	43,406
Photo-engraving, not done in printing establishments	5	37	74,567	33,640	184,310
Planing-mill products (including general millwork), not made in planing mills connected with sawmills	23	202	294,472	357,966	933,277
Printing and publishing, book and job	98	760	1,155,788	1,325,216	3,892,399
Printing and publishing, newspaper and periodical	143	1,046	1,822,982	2,469,243	10,707,745
Saddlery, harness and whips	8	50	46,914	112,993	227,408
Signs and advertising novelties	21	147	198,290	160,068	1,046,852
Sporting and athletic goods, not including firearms and ammunition	5	52	42,873	24,478	113,391
Structural and ornamental metal work, not made in plants operated in connection with rolling mills	12	152	210,336	699,140	1,226,139
Surgical and orthopedic appliances, and related products	5	11	15,702	21,022	64,716
Wall plaster, wall board, insulating board, and floor composition	4	26	38,433	87,058	188,195
Window shades and fixtures	4	17	12,485	37,476	71,200
Other industries	159	9,148	10,064,243	46,594,781	73,639,241
Total State	1,359	24,788	$29,634,588	$107,131,256	$183,469,363

*Not including salaried officers and employees. The average number of wage earners is based on the numbers reported for the several months of the year. This average probably exceeds somewhat the number that would have been required for the work performed if all had been continuously employed throughout the year. In making comparisons between the figures for 1931 and those for earlier years, the likelihood that the proportion of part-time employment was larger in 1931 than in former years should be taken into account.

†Manufacturers' profits can not be calculated from the census figures because no data are collected for certain expense items, such as salaries, interest on investment, rent, depreciation, taxes, insurance, and advertising.

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

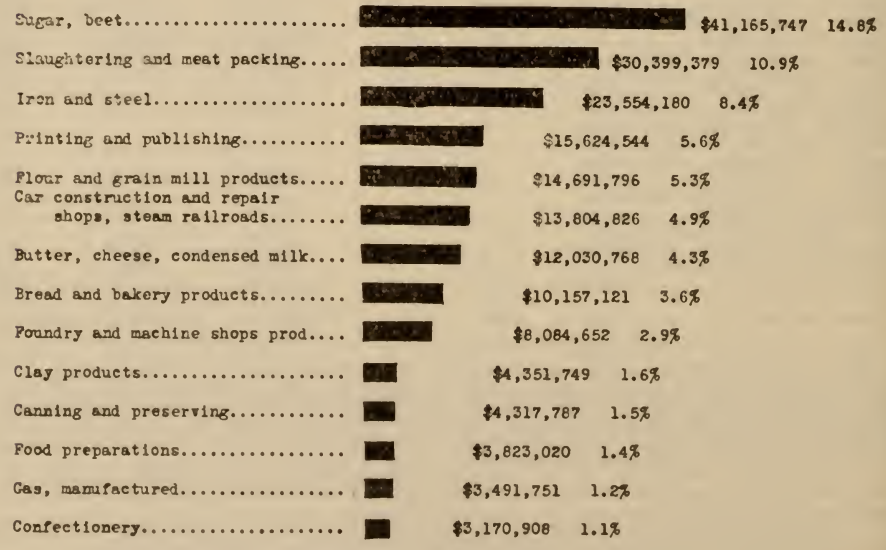
VALUE OF PRODUCTS OF PRINCIPAL MANUFACTURING INDUSTRIES, BY YEARS

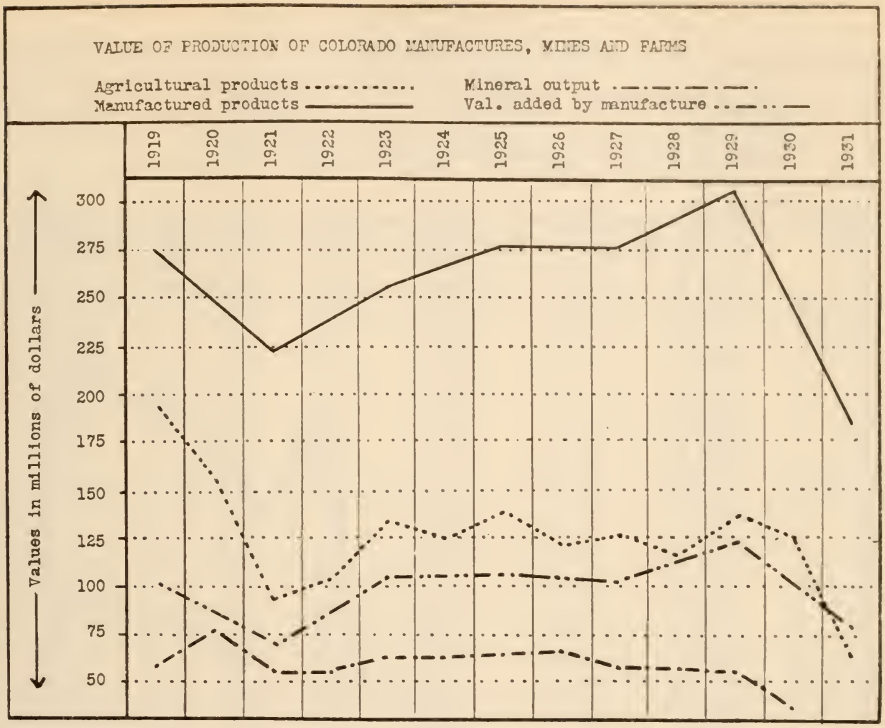
INDUSTRY	1931	1929	1925	1923	1919
Awnings, tents, etc.	$ 492,642	$ 802,327	$ 1,049,462	$ 1,249,798	$ 1,021,654
Bread and other bakery products	9,453,289	11,773,612	10,157,121	8,575,077	9,807,799
Brick, tile and terra cotta and fire-clay products	1,607,831	3,097,442	4,351,749	4,295,427	2,504,658
Butter, cheese and condensed milk	†6,748,465	†10,701,597	12,030,768	11,968,458	14,504,639
Canning and preserving	3,547,090	5,322,062	4,317,787	3,122,338	2,970,113
Car and general shop construction and repairs, steam railroads	7,976,192	12,896,035	13,804,826	15,649,087	15,130,423
Clothing, men's	626,879	1,443,510	1,538,271	1,341,186	1,033,729
Confectionery and ice cream	3,751,639	5,315,117	4,413,505	4,943,305	5,003,989
Copper, tin and sheet iron work	1,224,847	1,541,951	1,696,427	1,435,029	1,411,036
Flour mill products	8,267,958	13,761,733	14,691,796	11,574,113	19,954,119
Food preparations	1,637,109	1,646,814	3,823,020	3,031,719	4,381,013
Foundry and machine shop products	5,130,598	10,694,478	8,084,652	10,967,650	11,199,721
Ice, manufactured	1,331,348	1,485,832	1,643,997	1,376,565	1,045,477
Printing and publishing, books and job	3,892,399	5,353,011	5,491,213	*	3,985,230
Printing and publishing, newspapers and periodicals	10,707,745	12,526,112	10,123,331	*	7,533,978
Paints and varnishes	629,715	1,101,579	2,493,943	2,387,100	1,168,001
Slaughtering and meat packing	23,760,495	36,719,567	30,399,379	23,290,903	41,007,531
Sugar, beet	*	*	41,165,742	30,165,810	(not seg.)

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

†Exclusive of evaporated and condensed milk.

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



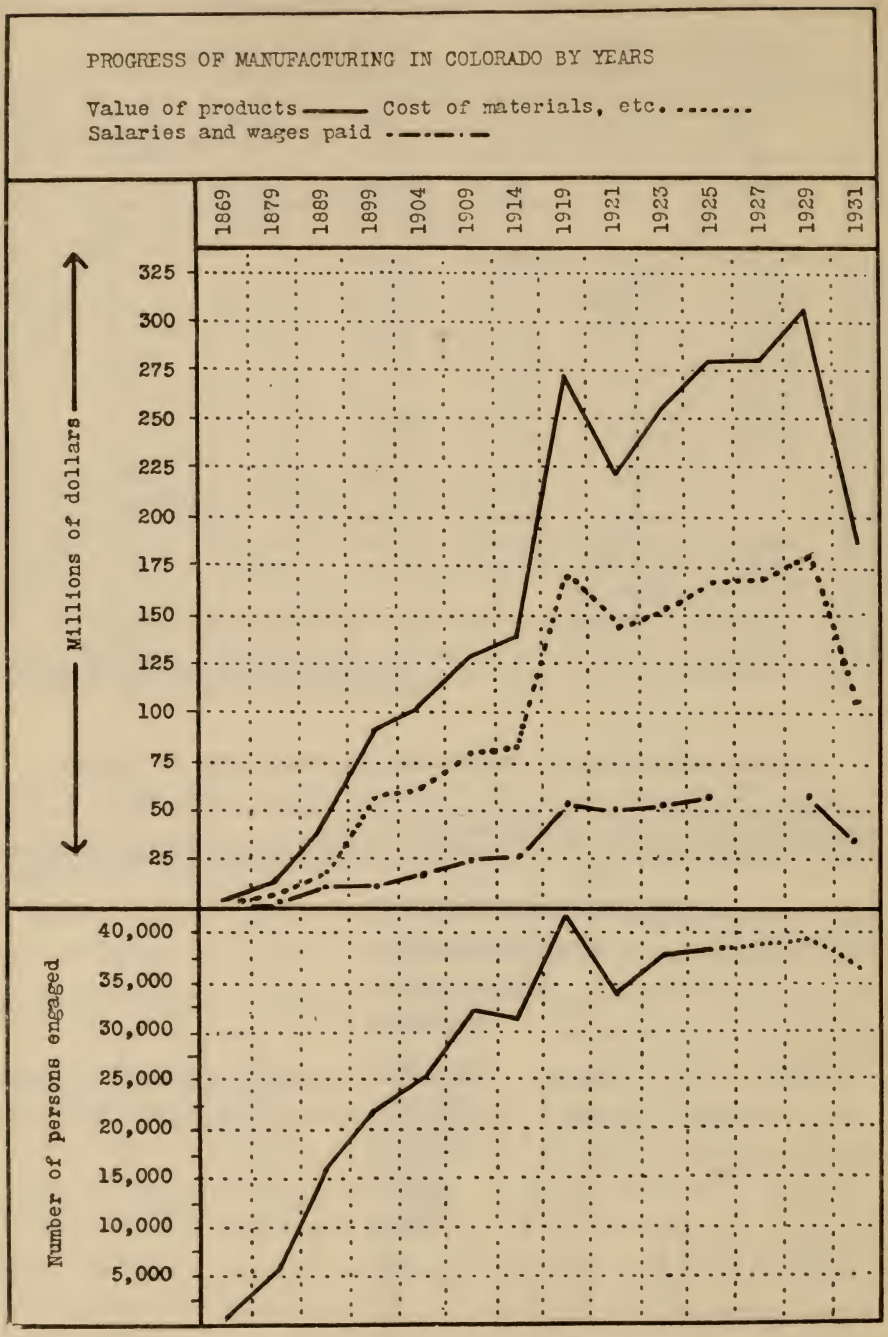


WHEAT GROUND AND WHEAT-MILLING PRODUCTS, BY YEARS

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

	1932	1931	1930	1929	1928
Average number of mills reporting..	20	21	21	21	21
Wheat ground (bushels)	4,465,379	6,180,720	7,809,098	7,812,213	7,707,198
Production: Wheat flour (barrels)	994,326	1,377,207	1,740,616	1,735,062	1,719,686
Offal (pounds)..	73,766,377	102,933,698	130,268,076	130,785,718	128,198,598
Average daily 24-hour capacity in wheat flour (barrels)	8,649	9,406	9,267	8,463	8,911
Average pounds of wheat per barrel of flour.....	269.5	269.3	269.2	270.2	268.9
Average pounds of offal per barrel of flour.....	74.2	74.7	74.8	75.4	74.5

Production of wheat in Colorado in bushels, as reported by the Co-operative Crop Reporting Service, was as follows: 1932, 6,699,000; 1931, 16,632,000; 1930, 23,356,000; 1929, 17,934,000; 1928, 18,564,000; 1927, 20,112,000.


PROGRESS OF MANUFACTURING IN COLORADO BY YEARS
Value of products
Cost of materials, etc.
Salaries and wages paid
1869
1879
1889
1899
1904
1909
1914
1919
1921
1923
1925
1927
1929
1931
Millions of dollars
325
300
275
250
225
200
175
150
125
100
75
50
25
Number of persons engaged
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000

MANUFACTURES BY COUNTIES, 1919 AND 1929

(Compiled from Census Reports)

Note.—The number of establishments in 1929 does not include those with an annual output of less than $5,000.

COUNTY	No. Establishments		Wages Paid		Value of Products	
	1919	1929	1919	1929	1919	1929
Adams	37	20	$ 987,790	$ 804,580	$ 4,791,206	$ 5,949,286
Alamosa	14	12	48,456	409,999	423,618	1,617,218
Arapahoe	24	11	165,436	1,015,268	860,944	3,966,492
Archuleta	12	7	106,990	56,080	367,853	151,877
Baca	8	*---	20,919	*------	82,170	*------
Bent	15	8	50,419	52,680	317,540	545,540
Boulder	95	37	976,334	670,986	9,660,142	6,366,986
Chaffee	20	10	592,904	511,918	3,935,183	2,131,128
Cheyenne	4	*---	1,832	*------	9,975	*------
Clear Creek	13	*---	89,517	*------	97,788	*------
Conejos	15	*---	417,381	*------	1,081,839	*------
Costilla	5	3	47,679	40,019	180,892	144,203
Crowley	19	*---	141,211	*------	1,380,221	*------
Custer	9	*---	6,722	*------	12,581	*------
Delta	24	19	37,130	113,908	344,786	1,670,071
Denver	1,097	781	19,341,915	20,910,625	125,411,270	144,613,574
Douglas	8	3	244,164	*------	1,783,316	*------
Eagle	4	*---	12,700	16,800	31,016	31,533
Elbert	8	*---	3,469	*------	11,480	*------
El Paso	141	69	996,090	1,184,507	4,788,504	7,508,593
Fremont	45	23	1,023,831	658,914	6,787,570	5,348,961
Garfield	23	11	68,215	57,076	333,815	270,769
Gilpin	7	*---	9,854	*------	35,093	*------
Grand	14	*---	636,170	*------	998,783	*------
Gunnison	27	13	82,067	130,627	179,044	270,353
Huerfano	21	9	43,271	37,551	274,222	295,213
Jackson	5	*---	37,855	*------	92,518	*------
Jefferson	23	16	213,940	248,443	907,169	1,531,056
Kiowa	6	*---	11,616	*------	24,594	*------
Kit Carson	19	*---	31,572	*------	146,018	*------
Lake	14	*---	569,798	*------	4,243,184	*------
La Plata	32	20	372,747	317,476	3,384,123	4,020,197
Larimer	87	50	1,278,179	1,188,271	13,440,083	13,296,364
Las Animas	60	31	844,712	714,002	3,943,416	3,344,790
Lincoln	17	7	53,916	18,576	508,365	70,513
Logan	29	15	498,753	327,663	2,814,130	2,934,534
Mesa	38	30	555,320	519,246	3,347,570	2,863,052
Moffat	6	*---	5,963	*------	39,318	*------
Montezuma	16	*---	31,707	*------	184,354	*------
Montrose	26	11	109,732	33,716	701,936	357,255
Morgan	31	*---	453,029	*------	4,823,336	*------
Otero	57	34	1,667,381	1,224,144	8,766,757	7,127,828
Ouray	7	*---	38,184	*------	78,777	*------
Park	13	*---	58,141	*------	105,831	*------
Phillips	8	5	21,136	11,266	336,371	94,996
Pitkin	6	*---	11,797	*------	33,976	*------
Prowers	49	19	231,635	248,231	3,825,014	3,801,893
Pueblo	143	81	8,229,412	8,703,982	47,568,936	55,909,445
Rio Blanco	10	*---	35,390	*------	126,378	*------
Rio Grande	24	14	76,890	99,789	673,531	707,947
Routt	18	17	219,926	122,403	627,229	353,252
Saguache	10	5	59,001	28,666	209,173	107,328
San Juan	6	*---	8,885	*------	25,121	*------
San Miguel	12	3	51,933	15,456	150,636	29,853
Sedgwick	3	*---	7,476	*------	30,896	*------
Summit	4	*---	418	*------	9,290	*------
Teller	9	3	45,002	15,674	206,129	55,505
Washington	7	*---	15,640	*------	90,591	*------
Weld	98	50	923,739	1,328,323	9,743,802	13,582,776
Yuma	24	5	43,319	11,415	210,229	57,242
All other counties*	5	96	8,269	1,792,123	22,673	14,943,408
†State	2,631	1,548	$ 42,974,879	$ 43,640,403	$275,622,335	$306,071,031

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

†See note at head of the table.

SUMMARY OF MANUFACTURES FOR CITIES HAVING 10,000 INHABITANTS OR MORE, 1929, 1925 AND 1919

CITY	Number Establishments	Wage Earners Av. No.	Wages	Cost of Materials	Value of Products
Boulder:					
1929	17	155	$ 181,401	$ 336,820	$ 828,913
1925	21	160	203,823	391,967	801,860
1919	43	165	202,976	1,016,167	1,556,585
Colorado Springs:					
1929	55	547	775,811	2,539,577	4,948,810
1925	60	451	611,423	1,943,266	3,727,458
1919	119	714	834,218	2,400,046	4,345,147
Denver:					
1929	781	16,239	20,910,625	81,123,018	144,613,574
1925	686	15,077	19,970,520	72,530,686	125,762,865
1919	1,097	16,635	19,341,915	79,339,944	125,411,270
Grand Junction:					
1929	20	253	272,904	1,396,698	2,126,711
Greeley:					
1929	22	152	215,546	1,208,311	1,935,244
1925	19	190	216,322	1,364,752	2,141,906
1919	31	178	177,983	1,140,192	1,646,451
Pueblo:*					
1925	84	1,240	1,761,604	4,015,041	7,733,113
1919	120	1,856	2,139,208	9,626,117	13,978,264
Trinidad:					
1929	25	297	391,903	1,149,145	2,036,363
1925	24	313	464,329	970,046	1,866,754
1919	37	552	573,393	989,965	1,928,464
Remainder of state:					
1929	628	15,247	20,892,213	95,985,984	149,581,416
1925	522	14,536	19,779,653	89,975,785	136,744,052
1919	1,184	15,154	19,705,186	80,357,844	126,756,154
Entire state:					
1929	1,548	32,890	43,640,403	183,739,553	306,071,031
1925	1,416	31,967	43,007,674	171,191,543	278,778,008
1919	2,631	35,254	42,974,879	174,870,275	275,622,335

*Included under "Remainder of state" for 1929.

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

RUBBER MANUFACTURES

One of the important manufacturing industries of Colorado which the bureau of the census lists under the item "All Other Industries" in order to avoid the disclosure of individual operations is that of rubber manufactures. The largest rubber manufacturing plant between Akron, Ohio, and the Pacific coast, a position maintained over a period of years, is that of the Gates Rubber company, in Denver.

The value of its products is in excess of $8,000,000 annually. Its distribution is general throughout the United States and more than 50 foreign countries. The average number of wage earners in 1930 was 1,350 and wages paid exceed $2,100,000 annually. More than one-half of gross expenditures remain in the state in the form of wages, salaries, raw materials, supplies and taxes.

BEER MANUFACTURES

The last census of manufactures in Colorado taken prior to the enactment of a constitutional amendment prohibiting the manufacture and sale of intoxicating liquors in the state (census of 1915) shows that in 1914 there were 11 establishments in the state engaged in the manufacture of malt liquors (beer). These establishments reported a capital of $6,303,000. They employed an average of 451 wage earners and paid out $404,000 annually in wages. The cost of materials used in the manufacture of malt liquors was $1,197,000 and the value of the product was $3,023,000. The value added by manufacture was $1,826,000. Distilled and vinous liquors were not manufactured to any extent in the state.

CHEESE MANUFACTURES IN COLORADO BY CENSUS YEARS

Note.—Data for establishments with products under $5,000 in value are included for 1919 but not for subsequent years. Industries included in this table are factories not located on farms. Farm production of butter and cheese is treated as an agricultural operation and is described in detail in the chapter in this volume on "Dairying." There is some overlapping of totals in this table and another table on butter manufactures, due to the making of one or the other as a secondary product. Data for 1931 comprise advance figures. Detail figures have not yet been published.

	1931	1929	1927	1925	1919
Number of establishments	14	16	8	4	8
Persons engaged: (a)					
Salaried officers and employes	-------	4	3	2	23
Wage earners (average number)	22	29	23	16	49
Total	22	33	26	18	72
Horsepower (rated capacity) of power equipment:					
Prime movers	-------	33	23	-------	40
Motors run by purchased energy	-------	116	77	-------	70
Total	-------	149	100	65	110
Salaries and wages: (a)					
Salaries	-------	$ 6,750	$ 3,852	$ 4,200	$ 50,135
Wages	$ 29,580	44,825	28,401	19,719	46,413
Total	$ 29,580	$ 51,575	$ 32,253	$ 23,919	$ 96,548
Cost of materials, etc.:					
Materials and containers	-------	$700,528	$419,469	$287,247	$526,270
Fuel and purchased energy	-------	12,904	8,333	-------	5,837
Total	$339,942	$713,432	$427,802	-------	$532,107
Value of products	$416,374	$846,964	$553,105	$367,482	$732,260
Value added by manufacture	76,432	133,532	125,303	80,235	200,153
Cheese, cottage, pot and bakers' produced (pounds)	-------	3,789,990	2,229,779	-------	-------
Value cheese	-------	$774,912	$496,044	-------	-------

(a) Exclusive of proprietors and firm members.

MANUFACTURE OF BEVERAGES

The bureau of the census reported 34 establishments in Colorado in 1931 engaged in the manufacture of beverages. These establishments employed an average of 147 wage earners and paid $165,048 in wages. The cost of materials, containers, fuel and purchased electric energy was $376,576. The value of the products was $938,715 and the value added by manufacture was $562,139. The principal output consisted of 885,914 cases of carbonated beverages, valued at $698,968.

This industry embraces establishments engaged primarily in the manufacture of carbonated beverages (not including spring waters), cereal beverages, and grape juice and non-alcoholic beverages. It does not include the production of cranberry juice, kraut juice, tomato juice, etc., which are classed as products of the canned and dried fruits and vegetable industry. Establishments engaged solely in bottling products manufactured by others, or natural waters, are not classified in this industry.

The collector of internal revenue also reports for fiscal years the number of gallons of cereal beverages containing less than one-half of one per cent of alcohol by volume manufactured in Colorado. This production in fiscal years ending June 30 is as follows:

Year	Gallons
1925	1,153,744
1926	1,133,389
1927	905,226
1928	1,098,112
1929	1,017,203
1930	900,481
1931	675,924
1932	462,241

There were three plants in operation engaged in the manufacture of beverages in 1932. Materials used in producing the 1932 output comprised 357,900 pounds of malt, 33,000 pounds of corn and corn products, 6,658 pounds of hops and hop extract, 112,513 pounds of syrups and 2,740 pounds of miscellaneous materials.

BUTTER MANUFACTURES IN COLORADO BY CENSUS YEARS

Note.—Data for establishments with products under $5,000 in value are included for 1919 but not for subsequent years. Industries included in this table are factories not located on farms. Farm production of butter and cheese is treated as an agricultural operation and is described in detail in the chapter in this volume on "Dairying." There is some overlapping of totals in this table and another table on cheese manufactures due to the making of one or the other as a secondary product. Data for 1931 comprise advance figures. Detail figures have not yet been published.

	1931	1929	1927	1925	1919
Number of establishments	56	60	66	60	65
Persons engaged: (a)					
Salaried officers and employes	----------	142	221	191	137
Wage earners (average number)	244	303	498	380	338
Total	244	445	719	571	475
Horsepower (rated capacity) of power equipment:					
Prime movers	----------	871	1,280	----------	1,039
Motors run by purchased energy	----------	2,988	3,568	----------	689
Total	----------	3,859	4,848	1,999	1,728
Salaries and wages: (a)					
Salaries	----------	$280,682	$367,725	$298,676	$291,614
Wages	$289,605	340,492	561,758	408,989	281,539
Total	$289,605	$621,174	$929,483	$707,665	$573,153
Cost of materials, etc.:					
Materials and containers	----------	7,942,531	8,802,307	----------	7,293,808
Fuel & purchased energy	----------	96,549	111,959	----------	69,694
Total	$5,088,471	$8,039,080	$8,802,307	$8,105,241	$7,363,502
Value of products	$6,331,731	$9,854,633	$10,942,919	$9,729,097	$8,768,394
Value added by manufacture	1,243,260	1,815,553	2,028,653	1,623,856	1,404,892
Creamery butter produced (pounds)	----------	22,020,043	20,998,638	19,284,128	13,982,711
Value butter	----------	$9,083,253	$9,201,904	$8,487,350	$7,979,413

(a) Exclusive of proprietors and firm members.

OLEOMARGARINE PRODUCED

The manufacture of colored and uncolored oleomargarine in Colorado, as reported by the commissioner of internal revenue, showed a rapid and substantial increase in recent years up to 1930, in which year the maximum output was reached. In 1931 a decline set in and continued through the fiscal year of 1933. A proportionate decrease occurred throughout the country. The decrease in oleomargarine manufacture is credited principally to lower prices for butter, for which it is used as a substitute.

The Colorado output in the fiscal year ending June 30, 1933, was 455,684 pounds, a decrease of 96,827 pounds, or 17.5 per cent, compared with 1932, and 1,163,057 pounds, or 71.8 per cent, compared with 1930, the peak year.

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

Year	Colored	Uncolored	Total
1921	53,060	477,656	530,716
1922	8,280	167,080	175,360
1924	20,760	369,260	390,020
1925	14,570	408,460	423,030
1926	50,510	586,640	637,150
1927	49,826	662,784	712,610
1928	71,160	954,900	1,026,060
1929	53,887	1,048,006	1,101,893
1930	128,825	1,489,916	1,618,741
1931	59,730	796,259	855,989
1932	800	551,711	552,511
1933	.....	455,684	455,684

COLORADO CLAY-PRODUCTS INDUSTRIES
(Compiled from Census Reports)

Note.—This table contains data on "Clay products industries (other than pottery) and non-clay refractories" and "Pottery, including porcelain ware" separately and without regard to size. The clay-products industries embrace establishments primarily engaged in the manufacture of brick, drain-tile and other tile, sewer pipe, stove lining, terra-cotta products, and other refractories, both clay and non-clay. Establishments assigned to "Pottery" are those whose leading products are stoneware, earthenware, porcelain ware, vitreous-china plumbing fixtures and allied products. In the chapter on "Mineral Resources" will be found a table of value of clay-products industries sales by years and another showing the production and value of raw clay mined.

	Clay-products Industries				Pottery		
	*1931	1929	1927	1919	1929	1927	1919
Number of establishments	32	33	30	43	4	4	5
Salaried officers and employees (a)	----------	83	140	88	15	16	14
Wage earners (average for the year)	600	866	971	812	114	186	95
Horsepower (rated capacity) of power equipment:							
Prime movers	----------	1,585	1,670	3,190	126	71	62
Motors run by purchased energy	----------	4,132	4,420	1,405	427	265	102
Total	----------	5,717	6,090	4,595	553	336	164
Salaries	----------	$ 217,639	$ 317,003	$ 147,303	$ 37,330	$ 38,531	$ 23,391
Wages	$ 634,771	1,155,724	1,134,988	863,878	112,410	159,775	82,064
Cost of materials, fuel, and purchased electric energy:							
Materials	----------	546,061	562,643	388,856	28,009	40,562	18,070
Fuel and purchased energy	----------	423,394	527,912	384,937	33,328	34,512	16,524
Total	$ 443,800	$ 969,455	$1,090,555	$ 773,793	$ 61,337	$ 75,074	$ 34,594
Value of products (b)	$1,607,831	$3,097,442	$3,348,514	$2,504,658	$325,786	$321,043	$200,086
Value added by manufacture (c)	1,164,031	2,127,987	2,257,959	1,730,865	264,449	245,969	165,492

(a) Not including proprietors and firm members.
(b) Value of production, not sales.
(c) Value of products, less cost of materials, fuel and purchased energy.
(*) Advance figures, detail statistics not yet released. Pottery figures for 1931 were not segregated.

PRINTING AND PUBLISHING INDUSTRY

The printing industry, comprising establishments printing and publishing newspapers and periodicals and book and job printing in Colorado, had an output of products valued at $14,600,144 in 1931, as revealed by census reports. This was a decrease of $3,278,979, or 18.3 per cent, compared with 1929. The value of products in 1929 was $17,879,123, which compares with $16,102,119 in 1927 and $11,519,208 in 1919. The output for 1929 showed an increase of $1,777,004, or 11 per cent, over 1927 and $6,359,915, or 55.2 per cent over 1919. Allied industries, including book-binding establishments operated separately, steel and copper plate engraving and photo-engraving plants, turned out products valued at $785,067 in 1929. This figure is not included in the totals for the printing and publishing industry.

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

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

A table published herewith shows the industry in detail for the census years of 1929, 1927, 1925, 1919 and advance figures for 1931.

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

	No. of Publications	Gross Circulation
Daily newspapers:*		
1919	32	302,078
1921	38	307,968
1923	38	314,679
1925	32	302,078
1927	34	365,768
1929	29	298,528

*Exclusive of Sunday circulation.

Sunday newspapers:		
1921	12	298,663
1923	11	311,263
1925	11	344,358
1927	9	404,193
1929	8	400,913
Weekly newspapers:		
1921	97	115,089
1923	100	124,852
1925	112	206,537
1927	117	183,874
1929	121	185,472

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

	*1931	1929	1927	1925	1919
Book and Job:					
Number establishments	98	109	99	99	120
Salaried officers and employes	-------	273	314	285	231
Wage earners (Average No.)	760	1,034	896	946	952
Salaries	-------	$ 669,273	$ 681,123	$ 580,680	$ 395,249
Wages	$1,155,788	1,597,046	1,366,004	1,451,658	1,117,478
Cost materials	1,325,216	1,630,725	1,540,287	1,863,076	1,368,854
Value of products	3,892,399	5,353,011	5,062,522	5,491,213	3,985,230
Value added by manufacture	2,567,183	3,722,286	3,522,235	3,628,137	2,616,376
Newspapers and periodicals:					
Number establishments	143	169	166	154	333
Salaried officers and employes	-------	1,019	1,240	891	763
Wage earners (Average No.)	1,046	1,121	1,239	980	1,079
Salaries	-------	$1,966,200	$1,919,938	$1,442,899	$1,137,345
Wages	$1,822,982	1,871,851	2,347,209	1,666,006	1,321,725
Cost materials	2,469,243	2,649,044	3,182,953	2,607,746	2,315,211
Value of products	10,707,745	12,526,112	11,039,597	10,123,331	7,533,978
Value added by manufacture	8,239,502	9,877,068	7,856,644	7,515,585	5,218,767

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

*Advance figures. Detail figures are not yet available.

INDUSTRIAL ALCOHOL

There were two plants engaged in the production of alcohol for industrial purposes in operation in Colorado during the fiscal year ending June 30, 1933, under permits from the federal commissioner of industrial alcohol. Three bonded warehouses in which the product is stored under government supervision and two denaturing plants to make the alcohol unfit for human consumption also operated under permits. During the year there was produced and deposited in the warehouses 3,504 proof gallons of alcohol. This was a decrease of 9,957 gallons, compared with production in 1932, and 52,463 gallons compared with 1931. Production during the year was not equal to the market demand and requirements were met by receipts of 25,541 gallons from other warehouses.

Comparative figures for alcohol produced in the state and deposited in bonded warehouses, in proof gallons. by fiscal years, are as follows:

1929	44,246
1930	28,586
1931	55,967
1932	13,461
1933	3,503

Materials used in the production of alcohol in 1933 and 1931 were as follows:

	1933	1931
Corn (pounds)	....	96,000
Malt (pounds)	....	63,505
Potatoes (pounds)	....	59,876
Pumpkin seed (pounds)	....	62
Molasses (gals.)	....	60,752
Liquids containing one-half of 1 per cent of alcohol by volume (gals.)	48,639	228,935
Aggregate:		
Pounds	....	219,443
Gallons	48,639	289,687

A summary of alcohol deposited in, withdrawn from and remaining in the bonded warehouses in the state for years ending June 30, as reported by the commissioner, in proof gallons, is as follows:

	1933	1932	1931
On hand	13,202	3,702	1,767
Produced and deposited in warehouses	3,503	13,461	55,967
Received from other bonded warehouses	25,541	28,941	.....
Excess ascertained by inventory	....	15	.....
Withdrawn, tax paid	14,080	14,687	14,666
Withdrawn for hospital, scientific and educational use	16,348	15,769	13,241
Withdrawn for use of U. S. and subdivisions	9	19	.....
Transfers to denaturing plants	3,806	2,245	25,950
Losses in warehouse	268	189	175
On hand end of year	7,735	13,202	3,702

There were 38 manufacturers using specially denatured alcohol for manufacturing purposes in the state in the year ending June 30, 1933, and these used 15,128 gallons, which compares with 33 manufacturers using 7,280 gallons in 1932, 33 manufacturers using 8,560 gallons in 1931, 33 manufacturers using 8,983 gallons in 1930, and 31 manufacturers using 8,940 gallons in 1929.

Tax-paid alcohol and other liquor received by physicians. hospitals, etc., during the fiscal year ending June 30, 1933, included the following:

Alcohol used in first-aid treatment, 7 gallons.

Hospitals engaged in treatment of recognized diseases received 29 gallons of alcohol and 23 gallons of whiskey.

Physicians received 1,263 gallons of alcohol.

Physicians of the homeopathic school received 30 gallons of alcohol.

Dentists received 724 gallons of alcohol.

Veterinarians received 12 gallons of alcohol.

Chiropractors and osteopaths received 25 gallons of alcohol.

There were 1,587 permits in force in Colorado on June 30, 1932, which compares with 1,546 on the same date in 1931 and 1,527 in 1930. Of those in effect in 1932, seven were to wholesale druggists, three were permits to transfer, 421 were permits to use intoxicating liquors in the manufacture of preparations unfit for use for beverage purposes, 31 were permits to use and sell, 690 were permits to physicians, four were permits to manufacture vinegar, 36 were permits to hospitals and 392 were permits to dentists, veterinarians, and others.

Wine, in wine gallons, shipped or delivered in Colorado for sacramental purposes, by fiscal years ending June 30, are as follows:

1929	3,473
1930	3,599
1931	3,290
1932	3,726
1933	3,291

LUMBER, TIMBER AND PLANING MILL INDUSTRIES

Colorado has immense quantities of merchantable timber, from which there is produced in the state annually $4,000,000 worth of lumber and timber and planing mill products. There were 119 mills active in the state in 1932, including logging camps, saw mills and planing mills, as reported by the bureau of the census in co-operation with the forest service and the department of agriculture. The output of sawed lumber for that year was 39,163,000 board feet, a decrease from several preceding years, due to some of the larger mills being inactive part of the time. The maximum output was established in 1926, with a production of 75,278,000 board feet, and the minimum output since 1922 was 38,233,000 board feet in 1923. These mills produce rough lumber, lath, shingles, railroad ties and other unfinished products. The following table shows the number of active mills and quantity of lumber sawed by years:

Year	No. of Active Mills	Quantity Lumber Sawed (board ft.)
1922	128	38,917,000
1923	113	38,233,000
1924	122	42,014,000
1925	145	71,069,000
1926	128	75,278,000
1927	116	67,321,000
1928	140	72,257,000
1929	134	71,535,000
1930	147	54,688,000
1931	118	48,413,000
1932	119	39,163,000

Most of the lumber produced in the state is softwood, the only hardwood being cottonwood. Of the 39,163,000 board feet sawed in 1932 only 78,000 board feet was hardwood. The kind of wood and the quantity of each produced in 1932, 1931 and 1926 (year of maximum output) are given in the following table:

Kind	Quantity M Ft. B. M. 1932	1931	1926
Cedar	....	.....	1
Douglas fir	3,318	7,107	2,895
Lodgepole pine	3,966	15,554	9,740
Ponderosa pine*	25,726	19,150	51,022
Spruce	5,488	5,942	10,529
White fir	587	592	767
Cottonwood	78	68	324
Total	39,163	48,413	75,278

*Formerly carried as western yellow pine.

Colorado ranked first among the states of the Union in 1931 in the production of lodgepole pine, its output being 15,554,000 feet, or 62.1 per cent of the output for the entire country. In 1932 it took second place, its output being exceeded by Wyoming. This timber is used extensively in the construction of telephone and telegraph lines and other industries where tall, strong and uniformly shaped timber is required. The state ranked sixth in 1932 among the states in the production of spruce.

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being 50,000,000 to 70,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at 31,918,969,000 board feet. Additional information on this subject will be found in the chapter on "National Forests."

Most of the rough lumber sawed is used for remanufacturing purposes. In the summary of the lumber and timber industry as reported in the census on manufactures, logging mills are not included in the number of establishments. The census of manufactures for 1931 credited Colorado with 43 establishments under this classification. The average number of wage earners employed was 477 and amount paid in wages was $578,428. The cost of materials, fuel and purchased electric energy was $159,745; the value of products was $851,009, and the value added by manufacture, $691,264.

This summary for 1929 and 1919, which includes saw mills and planing mills operated in conjunction with them, but not independent planing mills, is as follows:

	1929	1919
Number of establishments	61	136
Salaried officers and employes	77	84
Aver. number wage earners	1,219	823
Salaries	$136,615	$117,845
Wages	$1,455,939	$1,053,332
Value of products	$2,278,660	$2,450,731
Value added by manufacture	$1,932,497	$1,772,173

The independent planing mills are those which are not operated in conjunction with saw mills and which produce dressed lumber, doors, sash, blinds, interior woodwork and molding.

The census of manufactures for 1931 gave Colorado 23 establishments, employing an average of 202 wage earners, paying $294,472 in wages and turning out products with a value of $933,277, of which $575,311 was value added by manufacture.

A summary of same for the census years 1929 and 1919 for Colorado is as follows:

	1929	1919
Number of establishments	29	41
Salaried officers and employes	62	54
Aver. number wage earners	312	411
Salaries	$146,692	$81,827
Wages	$479,135	$512,061
Value of products	$1,507,322	$1,572,132
Value added by manufacture	$939,218	$819,035

Included in the industry were four establishments in 1929 engaged in the manufacture of wooden boxes, etc., which employed 103 officials and wage earners, paid $100,654 in salaries and wages, and produced products valued at $439,578.

CIGARS AND TOBACCO

There were 1,361,597 cigars manufactured in Colorado factories in the calendar year of 1932, a decrease of 1,311,578, or 49 per cent, compared with 1931. The industry has shown a steady decline in recent years, the number of cigars manufactured having decreased from 34,902,482 in 1920 to

the figure named for 1932. More than half of the 1932 output was manufactured to retail at not more than five cents each. There were 29,112 pounds of tobacco used in manufacturing this output.

There were 30 cigar factories in the state on January 1, 1932. During the year five factories were opened and five were closed, leaving 30 factories on January 1, 1933.

The number of factories on January 1 of the years named were as follows:

1921	57	1927	64
1922	67	1928	47
1923	64	1929	41
1924	56	1930	35
1925	53	1931	29
1926	52	1932	30
		1933	30

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

Year	Tobacco, Pounds	Number of Cigars
1920	732,179	34,902,482
1921	556,467	27,272,697
1922	359,930	16,643,058
1923	394,816	18,219,382
1924	317,189	15,324,979
1925	274,940	13,843,994
1926	216,365	10,216,392
1927	117,370	5,602,215
1928	152,717	7,673,536
1929	122,523	6,324,832
1930	85,265	4,491,487
1931	54,607	2,673,175
1932	29,112	1,361,597

There were three factories in the state in 1932 engaged in the manufacture of tobacco, in which there was used 7,770 pounds of tobacco. The growing of tobacco in Colorado on a commercial scale began recently and the output is used in the manufacture of cigarets.

In 1929, in which year the census of manufactures reported only on establishments with an output of products valued at $5,000 or more, there were five cigar manufacturing establishments included in this class. The average number of wage earners was 117; salaries of officers and employes amounted to $29,688; wages, $88,598; cost of materials and containers, $109,960; and value of products, $295,433.

In 1919, in which year establishments producing $500 worth of products or more, were included, there were 58 establishments and 486 persons were engaged in the industry, of which 389 was the average number of wage earners. Salaries and wages amounted to $493,942 and the value of products was $1,464,680.

BREAD AND OTHER BAKERY PRODUCTS

There were 154 establishments in Colorado in 1931 engaged in the production of bread and other bakery products. They employed 1,572 wage earners, average, paid out $1,846,978 in wages and produced products with a value of $9,453,289. In 1929 there were 180 establishments which employed 178 salaried officials and employes and an average of 1,689 wage earners. Salaries for the year amounted to $418,117 and wages to $2,005,840. The cost of materials, containers for their products, and fuel and purchased energy was $5,648,904 and the value of their products was $11,773,612, of which $6,124,708 was added by manufacture. A table published herewith gives the advance figures on the operations of these establishments in 1931 and in detail for 1929, with comparative figures for 1927 and 1919.

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

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

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

BREAD AND OTHER BAKERY PRODUCTS PRODUCED IN COLORADO, 1931, 1929, 1927 AND 1919

(Compiled from Census Reports)

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

	1931*	1929	1927	1919
Number of establishments...	154	180	172	252
Salaried officers and employes	.....	178	166	439
Wage earners (average for the year).....	1,572	1,689	1,461	1,340
Horsepower (rated capacity) of power equipment:				
Prime movers.....	.....	395	359	134
Motors run by purchased energy	.....	2,452	1,876	1,325
Total	.....	2,847	2,235	1,459
Salaries	.....	$ 418,117	$ 372,878	$ 511,342
Wages	$1,846,978	2,005,840	1,743,307	1,308,559
Cost of materials, containers for products, fuel and purchased energy:				
Materials and containers..	.....	5,424,373	5,512,745	5,909,476
Fuel and purchased energy	.....	224,531	219,699	150,491
Total	$3,969,518	$ 5,648,904	$ 5,732,444	$ 6,059,967
Value of products	$9,453,289	$11,773,612	$12,994,347	$ 9,807,799
Value added by manufacture	5,483,771	6,124,708	7,261,903	3,747,832

*Advance figures. Final figures are not yet available.

MEAT PACKING

Slaughtering and meat packing is Colorado's second largest and one of its oldest manufacturing industries. The value of products of the plants in the state increased from $4,344,000 in 1899 to a maximum of $41,007,531 in 1919. The output in 1931 was valued at $23,760,495. There is comparatively little variation in the volume of output in recent years except for hogs, which increased from 396,876 in 1919 to 511,060 in 1929, and the change in the value of products reflects in a large measure changes in the market prices of animals slaughtered.

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

Year	Amount	Per Ct. Increase
1899	$4,344,000	...
1904	3,324,000	—23.5
1909	9,657,000	190.5
1914	12,726,000	31.8
1919	41,007,531	222.2
1921	22,494,615	—45.1
1923	23,290,903	3.5
1925	30,399,379	30.5
1927	30,538,016	0.5
1929	36,719,567	20.2
1931	23,760,495	—35.3

(—) Denotes decrease.

In 1929 the industry expended $33,932,483 in salaries and wages, cost of materials and containers and for the purchase of fuel and electric energy. Of that amount, $2,167,061 went into salaries and wages and $26,969,102 into the purchase of cattle, calves, sheep, lambs and hogs. The value of products turned out was $36,719,567 and the value added by manufacture was $4,954,145. The last named figure does not represent profits, as the census does not take figures on depreciation, interest, rent, taxes and other items entering into the final cost. The value added by manufacture, however, does show the net increase in value of commodities already in existence.

The weight on the hoof of animals slaughtered in 1929 was 279,773,072 pounds, and their weight dressed was 169,358,580 pounds, distributed as follows:

	Weight	
	On Hoof	Dressed
Cattle	129,173,874	67,332,923
Calves	7,089,615	4,029,264
Sheep and lambs.	19,777,943	9,361,060
Hogs	123,731,640	88,635,333
Total.....	279,773,072	169,358,580

The cost of the animals, based on live weight as reported above, was $26,969,102 in 1929, distributed as follows:

	Cost
Cattle	$11,926,619
Calves	826,729
Sheep and lambs	2,318,125
Hogs	11,897,629
Total	$26,969,102

An accompanying table gives statistics in detail on the slaughtering and packing industry for the census years of 1929, 1927, 1925 and 1919, and advance figures on specified items for 1931.

COLORADO MANUFACTURES: MEAT PACKING (WHOLESALE) BY CENSUS YEARS
(Compiled from Census Reports)

	(a)1931	1929	1927	1925	1919
Number of establishments	20	25	25	27	21
Persons engaged:					
Salaried officers and employes	----------	407	439	361	495
Wage earners (average number)	1,328	1,497	1,246	1,327	1,848
Total(b)	1,328	1,904	1,685	1,688	2,343
Horsepower (rated capacity) of power equipment:					
Prime movers	----------	3,895	3,096	(c)	3,463
Electric motors driven by purchased energy	----------	1,402	1,387	(c)	573
Total	----------	5,927	4,384	4,969	4,036
Salaries and wages:					
Salaries	----------	$ 839,167	$ 847,315	$ 802,956	$ 768,330
Wages	$ 1,602,850	1,832,894	1,552,897	1,666,205	2,148,745
Total (b)	$ 1,602,850	$ 2,167,061	$ 2,400,212	$ 2,469,161	$ 2,917,075
Cost of materials, fuel, etc.:					
Materials and containers	----------	$31,518,245	$27,061,919	(c)	$35,501,638
Fuel and purchased electric energy	----------	247,177	264,979	(c)	283,726
Total	$19,511,992	$31,765,422	$27,325,998	$25,479,979	$34,785,364
Value of products	$23,760,495	$36,719,567	$30,538,016	$30,399,379	$41,007,731
Value added by manufacture(d)	4,248,503	4,954,145	3,212,018	4,919,400	5,222,107
PRINCIPAL PRODUCTS					
Fresh beef:					
Pounds	----------	61,339,229	59,069,650	66,562,599	(c)
Value	----------	$10,666,267	$8,201.374	$7,174,320	(c)
Fresh veal:					
Pounds	----------	3,911,274	4,291,732	4,619,595	(c)
Value	----------	$753,259	$657,571	$551,131	(c)
Fresh mutton and lamb:					
Pounds	----------	8,978,126	8,597,342	6,960,291	(c)
Value	----------	$1,955,944	$1,886,897	$1,606,452	(c)
Fresh pork:					
Pounds	----------	30,474,167	26,521,436	(c)	(c)
Value	----------	$5,071,999	$4,276,695	(c)	(c)
Cured pork:					
Pounds	----------	33,650,094	30,533,552	27,184,735	(c)
Value	----------	$7,232,122	$6,130,487	$6,853,380	(c)
Cooked ham:					
Pounds	----------	1,975,986	1,995,817	(c)	(c)
Value	----------	$763,304	$698,066	(c)	(c)
Sausage, head cheese, etc:					
Pounds	----------	13,178,510	10,672,430	11,696,409	(c)
Value	----------	$2,518,610	$1,840,826	$2,219,591	(c)
Lard:					
Pounds	----------	21,493,301	20,548,433	18,151,232	(c)
Value	----------	$2,948,091	$2,894,932	$3,146,783	(c)
Cattle hides and calf skins:					
Pounds	----------	8,125,547	8,195,786	9,307,143	(c)
Value	----------	$1,097,561	$1,172,318	$1,059,415	(c)
Sheep and lamb pelts:					
Number	----------	227,576	206,435	168,906	(c)
Value	----------	$441,271	$394,422	$418,327	(c)
Animals slaughtered for own account:					
Cattle	----------	145,415	141,336	153,266	145,694
Calves	----------	29,567	29,883	36,843	(c)
Sheep and lambs	----------	228,159	205,990	168,342	212,702
Hogs	----------	511,060	450,724	443,997	396,876

(a) Advance figures. Detail data not yet released.
(b) Exclusive of proprietors and firm members.
(c) Not segregated.
(d) This figure does not represent profits since overhead charges are not included.

COLORADO MANUFACTURES: CANNING AND PRESERVING OF FRUITS AND VEGETABLES, BY CENSUS YEARS
(Compiled from Census Reports)

	1931(a)	1929	1927	1925	1919
Number of establishments	19	26	21	21	24
Salaried officers and employes and wage earners:					
Salaried officers and employes	----------	78	100	92	98
Wage earners (average no.)	743	(c)326	558	563	689
Total(b)	743	904	658	655	787
Horsepower (rated capacity) of power equipment:					
Prime movers	----------	746	1,090	(d)	1,428
Motors driven by purchased energy	----------	855	876	(d)	468
Total	----------	1,601	1,966	1,756	1,896
Salaries and wages:					
Salaries	----------	$253,480	$244,941	$231,916	$197,933
Wages	$432,746	599,578	399,250	428,617	485,951
Total(b)	$432,746	$853,058	$644,191	$660,533	$683,884
Cost of materials, fuel, etc.:					
Materials and containers	(d)	$3,233,954	$2,065,361	(d)	$1,788,342
Fuel and purchased electric energy	(d)	58,913	41,275	(d)	42,174
Total	$2,148,310	$3,292,867	$2,106,636	$2,440,763	$1,830,516
Value of products	$3,547,090	$5,322,062	$3,487,252	$4,317,787	$3,190,048
Value added by manufacture	1,403,780	2,029,195	1,380,616	1,877,024	1,359,532

(a) Advance figures. Complete data not yet available.

(b) Does not include proprietors and firm members.

(c) Maximum, 2,316 in September; minimum, 194 in February. Minimum is 8.4 per cent of maximum.

(d) Not segregated.

CANNING AND PRESERVING

The canning and preserving of fruits and vegetables, pickles, jellies, sauces and preserves is one of Colorado's important manufacturing industries and the state ranks high in the quantity and value of certain lines of products. The value of the products of these factories reached a maximum of $5,322,062 in 1929, an increase of $2,132,014, or 40 per cent, compared with 1919. The value of products for 1931 was $3,547,090, a decrease of $1,774,972, or 33.3 per cent from the 1929 output.

The climate of certain areas of Colorado is especially adapted to the raising of vegetables suitable for canning purposes. In 1929 the state ranked fourth among the states of the Union in the number of cases and value of canned green and wax beans; seventh in the output of beets; tenth in ketchup; twelfth in tomatoes; and nineteenth in pickles. The state's output of kraut, garden peas, beans with pork and baked, hominy, pumpkin, tomato paste, and other products is grouped with other states in order to avoid the disclosure of individual operations, but in the manufacture of these products, the rank of Colorado compares favorably with those for which the figures are available. Colorado ranks twenty-first among the states of the Union in the canning and preserving of fruits and vegetables as a whole.

While the state is a producer of fruits and berries in large quantities, the canning and preserving of these products is not as extensive as for vegetables. Favorable opportunities exist for such development in the fruit-raising districts. However, the factories in 1929 turned out 106,762 cases of sour cherries, valued at $537,407, and $580,888 worth of preserves, in ad-

dition to smaller quantities of other products.

The factories expended $3,292,867 in 1929 for materials, containers for products and fuel and electric energy, and $853,058 in salaries and wages, exclusive of pay of proprietors and firm members. These items included $1,386,312 for fruits and vegetables and $182,958 for sugar.

The quantity and value of certain products in 1929 for which separate figures are available include the following:

	Cases	Value
Green beans	503,811	$1,154,854
Wax beans	112,903	244,347
Beets	43,690	91,409
Tomatoes	290,648	705,429
Ketchup		291,422
Pickles		229,735

Colorado's production of lima beans is grouped with California, Utah and Washington. These four states had an output in 1929 of 27,001 cases, valued at $102,456.

Hominy was grouped with Iowa and Nebraska, the three states producing 257,150 cases, valued at $377,538.

Kraut output was grouped with Nebraska and Utah, the three states producing 253,601 cases, valued at $582,320.

The cultivation of peas for canning purposes has for years been an important industry in the state. The Colorado production is grouped with Idaho, Iowa, New Jersey, Texas and Wyoming. These states produced 390,950 cases in 1929, valued at $1,035,405.

Pumpkin and squash production in Colorado is grouped with Nebraska and Wyoming. The three states had an output of 152,272 cases, valued at $230,888, in 1929.

Colorado's production of tomato paste was grouped with Illinois and Iowa, the three states having an output of 60,361 cases, valued at $106,242.

An accompanying table gives the number of establishments in Colorado engaged in the canning of fruits and vegetables and allied products in 1931, 1929, 1927, 1925 and 1919, with the number of salaried officers and employes, wage earners, horsepower, salaries and wages, cost of materials and value of products.

Revenue and Taxation

THE exact amount of money collected from the people of Colorado in the form of taxes and from permits, licenses and fees of all kinds is difficult to determine for any given period because of the variety of collection agencies representing different civil divisions and sub-divisions, lack of uniformity in fiscal years, and the interlocking of funds.

The bureau of the census made an inquiry covering financial operations of all divisions of government for 1932, which included the state government, the 63 counties, the 232 cities and towns, the 2,052 school districts and approximately 66 other civil divisions (conservancy, drainage, irrigation and tunnel districts), or a total of 2,414 political units that have the power to levy taxes or incur debt. While similar surveys were made for 1922 and 1912, the one for 1932 was the first complete inquiry of the kind.

The 1932 survey revealed total revenue receipts from all sources for all civil divisions amounting to $84,778,775, distributed as follows:

	Amounts	Per Cent of Total
State government	$21,880,061	25.8
Counties	15,269,190	18.0
Cities and towns	22,904,309	27.0
School districts	22,947,111	27.1
Other civil divisions	1,778,104	2.1
Total	$84,778,775	100.0

The governmental-cost payments of the 2,414 political units for 1932 were $84,570,156, distributed as follows:

	Amounts	Per cent of Total
State government	$21,445,900	25.4
Counties	15,150,793	17.9
Cities and towns	23,113,870	27.3
School districts	23,733,332	28.1
Other civil divisions	1,126,261	1.3
Total	$84,570,156	100.0

General property taxes yielded $44,887,205 of the $84,778,061 total revenues, or 52.9 per cent. The remaining 47.1 per cent came from special taxes, such as inheritance, gasoline and automobile taxes, from earnings of departments, earnings of public service enterprises, federal grants, fines, forfeits and escheats,

highway privileges, rents and interest, and special assessments. The distribution of general-property-tax levies is as follows:

	Amounts	Per cent of Total
State government	$ 5,074,031	11.3
Counties	11,094,053	24.7
Cities and towns	10,865,126	24.2
School districts	17,853,995	39.8
Total	$44,887,205	100.0

The surveys made for 1922 and 1912 were less comprehensive than the one for 1932. In the period from 1912 to 1932 the payments for the operation and maintenance of general departments and public service enterprises of the state, counties, and cities and towns having a population of 2,500 and over increased from $15,233,000 to $40,788,809, or 167.8 per cent; interest payments from $1,324,000 to $2,956,332, or 123.3 per cent; and outlay payments from $6,126,000 to $13,907,932, or 127 per cent. The revenues from taxes, licenses and permits; and special assessments of the state, counties, incorporated places and specified civil divisions in 1922, while not as all-inclusive as the figures for 1932, are of interest in connection with the new survey, and were as follows:

State	$ 9,515,000
Counties	12,305,000
Incorporated places	11,091,000
Specified civil divisions	16,019,000
Total	$48,930,000

A series of tables published herewith give summaries for the state and the several civil divisions of the 1932 survey.

Revenues with which to defray governmental costs are derived from two principal sources, both of which are extensively subdivided. The first of these is called taxes and includes revenues from a general property tax, the inheritance tax, sales taxes and corporation and business taxes. The other includes revenues from special assessments, fees collected by various departments and agencies of government for specific purposes, fines, gifts, escheated property, earnings of public service organizations, interest on investments and other sources.

All taxable property of persons and corporations in the state is listed and appraised as to value for taxation purposes as of April 1 each year. This work is done through the county assessors as to most property within the taxing districts of the counties. The assessments on intercounty property, such as railroads, telephone and telegraph lines, power lines, express companies, etc., are made by the state tax commission. These valuations are certified to the county treasurers, who are the tax-collecting agents.

The state, the counties, cities and towns and school districts levy taxes on property situated within their respective boundaries. These levies are spread equally over all property in the district subject to the jurisdiction of the levying agent, in amount sufficient to raise the revenues required to defray the governmental cost of the taxing district. The levies are certified to the county treasurers, who apply them to each and every parcel of property assessed. The aggregate rate at which any one parcel of property is taxed is equal to the total of all levies made by all the taxing agents.

Taxes thus levied for any given year become due on January 1 of the following year. They may be paid in two installments. To avoid penalties, the first half must be paid by March 1 and the second half by August 1. All unpaid taxes become delinquent on August 1 and bear interest thereafter at the rate of 10 per cent per annum until the property is sold. From March 1 to December 1 the first half bears interest at the rate of 10 per cent.

The assessed value of all property in Colorado for taxation purposes as of April 1, 1933, as determined by the county assessors and tax commission, after all corrections and revisions, was $1,099,603,890, which compares with $1,280,563,890 in 1932, a decrease of $180,960,000, or 14.13 per cent. The assessed valuation for 1932, as compared with 1931, showed a decrease of $157,884,175, or 10.09 per cent, and 1931, compared with 1930, showed a decrease of $305,899,013, or 19.2 per cent.

Subsequent to these final determinations, the county treasurers submit to the tax commission final statements of assessments which include some items not taken by the assessors. The figures for 1933, as shown by the treasurers' statements, and upon which all levies are made, aggregate a total of $1,101,528,398, which compares with $1,284,257,098 in 1932, a decrease of $182,728,700, or 14.2 per cent. The treasurers' figures for 1932 showed a decrease of $162,912,621, compared with 1931, and a decrease of $204,416,999 in 1931 from 1930.

The anticipated revenue to be derived in 1934 from direct taxation by

levies in 1933 is $36,793,069, which compares with $39,997,921 anticipated revenues from 1932 levies, a decrease of $3,204,852, or 8.1 per cent. The anticipated revenues in 1932 showed a decrease from 1931 of $4,865,880, or 10.8 per cent. The 1931 figures, compared with 1930, show a decrease of $4,342,910, or 8.8 per cent.

The distribution of the revenues from the 1933 levies is as follows:

	Amount	Per Cent
State	$ 3,745,197	10.18
County	7,229,104	19.65
Town	7,236,566	19.67
School	18,582,202	50.50
Total	$36,793,069	100.00

The assessed valuation of $1,099,603,890 for 1933, as reported by the county assessors and the tax commission, is distributed as follows:

	Per Cent
Land and improvements	26.80
Metal mining properties	1.52
Timber, oil and coal properties	1.17
Town and city lots and improvements	35.52
Live stock	2.50
Merchandise	4.67
Manufactures	1.94
Bank stock	1.37
Money, credits and accounts (less exemptions)	1.32
Miscellaneous (less exemptions)	5.09
Corporations assessed by tax commission	18.10
Total	100.00

In addition to taxes collected through levies, revenues are derived from taxes on gasoline sales, inheritances, motor vehicle licenses, fishing and hunting licenses and business licenses. Counties share in the revenues from most of these sources. School districts also receive revenue from the state school fund and from tuition, and some of the state institutions from federal land grants. Some county offices are conducted on a fee basis, such as the clerk and recorder and sheriff, their receipts going into the county treasury. Cities and towns also collect additional revenues from licenses, fees and special assessments of improvement districts, and the federal government contributes considerable funds for highway and other purposes, parts of revenues from the forests, and royalties and bonuses from mineral land production.

Published elsewhere in this volume are numerous tables showing assessed valuations by years and by counties, levies for sundry purposes, detailed tables on gasoline and inheritance taxes, motor vehicle licenses, school, county and town taxes, and other sources of revenue mentioned in this text.

SERVICE ESTABLISHMENTS

A census of service establishments, places of amusement, and hotels in Colorado shows that in 1933 there were 5,528 establishments in these classifications which reported total receipts for the year of $22,579,000. This total includes 4,347 establishments engaged in personal, business and mechanical services, with receipts of $13,412,000; 431 amusement establishments, with receipts of $3,475,000; and 750 hotels, with receipts of $5,692,000. The service establishments had an average of 3,105 full-time employes; amusement establishments, 900; and hotels, 2,456, a total for the state of 6,461 full-time employes. The payroll, including part-time employes, was $6,053,000 for all establishments, including $3,486,000 for service establishments; $108,000 for amusement establishments; and $1,668,000 for hotels.

The personal service establishments include barber shops, baths, beauty parlors, cleaning and dyeing establishments, funeral directors and embalmers, laundries, shoe repair shops, photographic studios and similar businesses. In this classification the 108 funeral directors and embalmers led with receipts of $1,774,000. Barber shops, of which there were 1,043, came second with receipts of $1,730,000, and the 469 cleaning, dyeing and repairing establishments came third with receipts of $1,114,000.

Business service included adjustment and credit bureaus, advertising and billboard agencies, broadcasting stations, delivery service, dental laboratories, sign painting, etc.

The mechanical repair service included automobile paint shops and top and body repair shops, blacksmith shops, electrical repair, locksmiths and machine shops, plumbing and heating repair shops, tinsmiths, radio repair shops, parking lots and similar services.

Amusements include amusement parks, billiard and pool parlors and bowling alleys, dance halls, theaters and motion picture houses and other amusements. In this classification the 101 motion picture theaters came first with receipts of $1,997,000 and the legitimate theaters, of which there were 22, second with receipts of $602,000.

Hotels include American and European and mixed plans, and seasonal hotels. The year-round hotels operated on the European plan, of which there were 529, ranked first with receipts of $3,605,000 and the mixed, American and European plan, came second with receipts of $1,060,000 for the 66 establishments.

REVENUE RECEIPTS AND PER CAPITA TOTAL REVENUE RECEIPTS, AND GOVERNMENTAL-COST PAYMENTS OF STATE, COUNTIES, CITIES AND TOWNS, SCHOOL DISTRICTS AND OTHER CIVIL DIVISIONS OF COLORADO, 1932

Note.—This table is compiled from results of the decennial inquiry of the Bureau of the Census on financial operations of all divisions of government for 1932, the first complete census covering all subjects included in the investigation. The data includes the state government, the 63 counties, the 232 cities and towns, the 2,052 school districts, and approximately 66 other civil divisions (conservancy, drainage, irrigation and tunnel districts), or a total of 2,414 political units that have the power to levy taxes or incur debt. Revenue receipts include all receipts that do not increase liabilities or decrease assets, and are exclusive of receipts from the proceeds of bond issues, revenue loans, or other debt obligations, transfers between accounts, refunds and similar items.

	State	Counties	Cities and Towns	[1]School Districts	[2]Other Civil Divisions	Grand Total
Revenue Receipts:						
Taxes:						
General property	$ 4,951,000	$11,264,000	$10,768,000	$16,774,000	[3]	$43,757,000
Licenses and permits	8,345,000	682,000	608,000	--------	--------	9,635,000
Total	[3]$14,312,000	$11,946,000	$11,376,000	$16,774,000	--------	[5]$54,408.000
Special assessments	114,000	1,000	2,672,000	--------	$ 1,382,000	4,169,000
Fines, forfeits and escheats	12,000	60,000	130,000	--------	--------	202,000
Subventions and grants	4,285,000	1,740,000	63,000	5,217,000	--------	11,305,000
Donations, gifts, and pension assessments	117,000	1,000	54,000	--------	--------	172,000
Highway privileges, rents and interest	894,000	297,000	492,000	18,000	--------	1,701,000
Earnings of general departments	2,146,000	1,224,000	955,000	938,000	18,000	5.281,000
Earnings of public service enterprises	--------	--------	7,162,000	--------	378,000	7,540,000
Total	$21,880,000	$15,269,000	$22,904,000	$22,947,000	$ 1,778,000	$84,778,000
Per capita	$ 20.92	$ 20.28	$ 35.47	[4]	[4]	$ 81.05
Governmental-Cost Payments:						
Operation and maintenance of general departments:						
General government	$ 972,000	$ 3,455,000	[6]	[6]	[6]	[6]
Protection to person and property	689,000	301,000	--------	--------	--------	--------
Health and sanitation	147,000	44,000	--------	--------	--------	--------
Highways	4,266,000	3,612,000	--------	--------	--------	--------
Charities, hospitals and corrections	2,265,000	1,259,000	--------	--------	--------	--------
Schools	4,119,000	4,533,000	--------	20,607,000	--------	--------
Libraries	4,000	--------	--------	--------	--------	--------
Recreation	14,000	3,000	--------	--------	--------	--------
Development and conservation of natural resources	1,005,000	--------	--------	--------	310,000	--------
Miscellaneous	270,000	555,000	--------	--------	--------	--------
Total (Departments)	$13,751,000	$13,762,000	[5]$11,459,000	$20,607,000	$ 310,000	$59,889,000
Operation and maintenance of public service enterprises	--------	--------	3,265,000	--------	66,000	4,331,000
Interest	340,000	169,000	2,869,000	1,598,000	715,000	5,691,000
Outlays	7,355,000	1,220,000	5,521,000	1,528,000	35,000	15,659,000
Grand total	$21,446,000	$15,151,000	$23,114,000	$23,733,000	$ 1,126,000	$84,570,000
Per capita	$ 20.50	$ 20.13	$ 35.80	[4]	[4]	$ 80.85

[1]Exclusive of county schools.

[2]Includes the Moffat tunnel improvement district.

[3]Includes $777,035 inheritance taxes, and $239,282 other special taxes for state purposes only.

[4]Not computed.

[5]Not available by departments.

[6]Blank spaces may indicate either that there were no data for such columns or that the amounts were less than $500 and thus eliminated in tabulation. In some instances, however, it is probable that an incomplete segregation of figures secured did not permit of a proper classification.

REVENUE RECEIPTS OF COUNTIES, CITIES AND TOWNS, SCHOOL DISTRICTS AND OTHER CIVIL DIVISIONS, BY COUNTIES, 1932

Note.—This table is compiled from decennial census of 1932 on financial operations of all governmental divisions. Totals only are given in this table. Sources from which they are made up are shown in an accompanying general table for the state. (See note at the head of this general state table.)

	County	Cities and Towns	[1]School Districts	[2]Other Civil Divisions	Total
Adams	$ 306,000	$ 134,000	$ 357,000	$ 30,000	$ 827,000
Alamosa	112,000	83,000	137,000	34,000	366,000
Arapahoe	321,000	138,000	388,000	.....	847,000
Archuleta	69,000	9,000	46,000	.....	124,000
Baca	290,000	22,000	201,000	.....	513,000
Bent	202,000	47,000	168,000	15,000	432,000
Boulder	585,000	671,000	698,000	.....	1,954,000
Chaffee	222,000	69,000	122,000	.....	413,000
Cheyenne	78,000	11,000	143,000	.....	232,000
Clear Creek	79,000	27,000	44,000	.....	150,000
Conejos	141,000	16,000	136,000	8,000	301,000
Costilla	120,000	1,000	65,000	10,000	196,000
Crowley	111,000	55,000	191,000	23,000	380,000
Custer	64,000	3,000	33,000	.....	100,000
Delta	252,000	123,000	316,000	.....	691,000
Denver	[4]	13,019,000	6,409,000	.....	19,428,000
Dolores	52,000	2,000	23,000	.....	77,000
Douglas	157,000	14,000	95,000	.....	266,000
Eagle	155,000	46,000	95,000	.....	296,000
Elbert	183,000	9,000	178,000	2,000	372,000
El Paso	772,000	2,112,000	1,195,000	.....	4,079,000
Fremont	309,000	240,000	422,000	.....	971,000
Garfield	345,000	102,000	267,000	.....	714,000
Gilpin	58,000	14,000	22,000	.....	94,000
Grand	120,000	9,000	50,000	.....	179,000
Gunnison	257,000	87,000	134,000	.....	478,000
Hinsdale	35,000	1,000	10,000	.....	46,000
Huerfano	256,000	112,000	273,000	.....	641,000
Jackson	57,000	19,000	26,000	.....	102,000
Jefferson	465,000	142,000	376,000	.....	983,000
Kiowa	104,000	7,000	141,000	.....	252,000
Kit Carson	232,000	114,000	305,000	.....	651,000
Lake	137,000	29,000	81,000	.....	247,000
La Plata	223,000	120,000	261,000	.....	604,000
Larimer	825,000	694,000	710,000	.....	2,229,000
Las Animas	597,000	339,000	793,000	.....	1,729,000
Lincoln	209,000	34,000	260,000	.....	503,000
Logan	461,000	254,000	535,000	113,000	1,363,000
Mesa	478,000	433,000	505,000	72,000	1,488,000
Mineral	37,000	7,000	12,000	.....	56,000
Moffat	197,000	27,000	103,000	.....	327,000
Montezuma	143,000	31,000	135,000	.....	309,000
Montrose	228,000	96,000	221,000	.....	545,000
Morgan	382,000	255,000	439,000	27,000	1,103,000
Otero	362,000	270,000	465,000	49,000	1,146,000
Ouray	72,000	20,000	43,000	.....	135,000
Park	136,000	3,000	52,000	.....	191,000
Phillips	145,000	71,000	147,000	.....	363,000
Pitkin	70,000	6,000	28,000	.....	104,000
Prowers	313,000	248,000	313,000	47,000	921,000
Pueblo	868,000	1,432,000	1,369,000	330,000	3,999,000
Rio Blanco	106,000	27,000	74,000	.....	207,000
Rio Grande	162,000	37,000	243,000	34,000	476,000
Routt	218,000	53,000	230,000	.....	501,000
Saguache	157,000	10,000	137,000	29,000	333,000
San Juan	58,000	17,000	25,000	.....	100,000
San Miguel	104,000	10,000	49,000	.....	163,000
Sedgwick	127,000	91,000	185,000	18,000	421,000
Summit	67,000	7,000	24,000	.....	98,000
Teller	105,000	48,000	63,000	.....	216,000
Washington	292,000	20,000	290,000	1,000	603,000
Weld	1,154,000	610,000	1,675,000	78,000	3,517,000
Yuma	327,000	147,000	414,000	.....	888,000
Total	$15,269,000	$22,904,000	$22,947,000	[3]$ 1,778,000	[3]$62,898,000

[1]Exclusive of county schools.
[2]Exclusive of Moffat tunnel improvement district, which is not distributable by counties.
[3]Includes revenue from the Moffat tunnel improvement district.
[4]Included as municipal; co-extensive with City of Denver.

ESTIMATED POPULATION OF COUNTIES AND PER CAPITA REVENUE RECEIPTS OF COLORADO COUNTIES, CITIES AND TOWNS, SCHOOL DISTRICTS AND OTHER CIVIL DIVISIONS, 1932

(Compiled from Census Reports)

	Population	County	Cities and Towns	[4]All Civil Divisions
Adams	21,200	$14.43	$21.15	$39.01
Alamosa	9,200	12.17	15.77	39.78
Arapahoe	24,200	13.26	12.57	35.00
Archuleta	3,204	21.54	11.19	38.70
Baca	10,900	26.61	8.96	47.06
Bent	9,134	22.12	18.67	47.30
Boulder	32,600	17.94	30.52	59.94
Chaffee	8,200	27.07	11.70	50.37
Cheyenne	3,723	20.95	18.49	62.32
Clear Creek	2,155	36.66	15.62	69.61
Conejos	10,000	14.10	5.00	30.10
Costilla	5,900	20.34	3.97	33.22
Crowley	5,934	18.71	24.04	64.04
Custer	2,124	30.13	5.60	47.08
Delta	14,300	17.62	24.32	48.32
Denver	291,700	[1]	44.63	66.60
Dolores	1,400	37.14	4.47	55.00
Douglas	3,498	44.88	29.29	76.04
Eagle	4,000	38.75	28.79	74.00
Elbert	6,580	27.81	11.22	56.53
El Paso	50,500	15.29	57.81	80.77
Fremont	19,100	16.18	20.38	50.84
Garfield	10,100	34.16	23.51	70.69
Gilpin	1,212	47.85	16.93	77.56
Grand	2,108	56.93	18.26	84.91
Gunnison	5,527	46.50	27.97	86.48
Hinsdale	449	77.95	3.86	102.45
Huerfano	17,100	14.97	17.82	37.49
Jackson	1,400	40.71	66.90	72.86
Jefferson	23,100	20.13	23.41	42.55
Kiowa	3,800	27.37	10.39	66.32
Kit Carson	9,900	23.43	39.58	65.76
Lake	4,899	27.96	7.69	50.42
La Plata	13,300	16.77	18.19	45.41
Larimer	34,000	24.26	35.71	65.56
Las Animas	36,008	16.58	25.06	48.02
Lincoln	7,850	26.62	14.36	64.08
Logan	20,200	22.82	29.70	67.48
Mesa	26,500	18.04	33.07	56.15
Mineral	640	57.81	18.23	87.50
Moffat	4,861	40.53	19.04	67.27
Montezuma	8,100	17.65	14.60	38.15
Montrose	11,742	19.42	21.92	46.41
Morgan	18,700	20.43	36.72	58.98
Otero	24,700	14.66	20.97	46.40
Ouray	1,784	40.36	21.14	75.67
Park	2,100	64.76	9.06	90.95
Phillips	5,800	25.00	31.51	62.59
Pitkin	1,770	39.55	8.51	58.76
Prowers	14,900	21.01	38.67	61.81
Pueblo	67,500	12.86	28.08	59.24
Rio Blanco	2,980	35.57	25.26	69.47
Rio Grande	10,300	15.73	9.20	46.21
Routt	9,400	23.19	16.19	53.30
Saguache	6,500	24.15	3.65	51.23
San Juan	2,000	29.00	11.35	50.00
San Miguel	2,184	47.62	11.71	74.63
Sedgwick	5,800	21.90	35.55	72.59
Summit	987	67.88	12.82	99.29
Teller	4,141	25.36	15.63	52.16
Washington	9,591	30.45	12.02	62.87
Weld	67,000	17.22	24.11	52.49
Yuma	13,613	24.02	41.95	65.23
State	1,054,098	[2]$20.28	[3]$35.47	[5]$60.13

[1]Tabulated as municipal.

[2]Per capita for counties is based on a population of 752,800 exclusive of Denver, which is included in cities and towns.

[3]Based on population of 645,660 for cities and towns.

[4]Not including Moffat Tunnel district.

[5]Includes the Moffat tunnel improvement district, but not the revenues of the state government. The per capita for the state government is $20.92, making the per capita figure for all Colorado civil divisions $81.05.

GOVERNMENTAL-COST PAYMENTS OF COLORADO COUNTIES, CITIES AND TOWNS, SCHOOL DISTRICTS, AND OTHER CIVIL DIVISIONS, 1932

(Compiled from Census Reports)

	County	Cities and Towns	School Districts	Other Civil Divisions	Total Cost-Payments
Adams	$ 340,000	$ 96,000	$ 436,000	$ 26,000	$ 898,000
Alamosa	91,000	77,000	221,000	30,000	419,000
Arapahoe	324,000	111,000	409,000	.....	844,000
Archuleta	83,000	9,000	53,000	.....	145,000
Baca	255,000	19,000	179,000	.....	453,000
Bent	196,000	36,000	199,000	14,000	445,000
Boulder	553,000	644,000	692,000	.....	1,889,000
Chaffee	196,000	69,000	140,000	.....	405,000
Cheyenne	91,000	11,000	167,000	.....	269,000
Clear Creek	83,000	25,000	45,000	.....	153,000
Conejos	140,000	14,000	169,000	8,000	331,000
Costilla	112,000	1,000	49,000	10,000	172,000
Crowley	121,000	44,000	203,000	21,000	389,000
Custer	66,000	3,000	33,000	.....	102,000
Delta	250,000	115,000	301,000	.....	666,000
Denver[1]	.....	14,715,000	6,516,000	.....	21,231,000
Dolores	69,000	2,000	20,000	.....	91,000
Douglas	153,000	26,000	118,000	.....	297,000
Eagle	136,000	47,000	102,000	.....	285,000
Elbert	191,000	9,000	177,000	2,000	379,000
El Paso	772,000	1,614,000	1,319,000	.....	3,705,000
Fremont	307,000	204,000	423,000	.....	934,000
Garfield	329,000	82,000	247,000	.....	658,000
Gilpin	58,000	11,000	29,000	.....	98,000
Grand	128,000	14,000	48,000	.....	190,000
Gunnison	229,000	98,000	135,000	.....	462,000
Hinsdale	61,000	1,000	12,000	.....	74,000
Huerfano	280,000	82,000	302,000	.....	664,000
Jackson	62,000	21,000	27,000	.....	110,000
Jefferson	436,000	109,000	405,000	.....	950,000
Kiowa	122,000	7,000	149,000	.....	278,000
Kit Carson	242,000	113,000	327,000	.....	682,000
Lake	136,000	32,000	84,000	.....	252,000
La Plata	225,000	96,000	267,000	.....	588,000
Larimer	743,000	629,000	747,000	.....	2,119,000
Las Animas	641,000	343,000	755,000	.....	1,739,000
Lincoln	231,000	34,000	258,000	.....	523,000
Logan	441,000	258,000	556,000	51,000	1,306,000
Mesa	494,000	347,000	508,000	64,000	1,413,000
Mineral	42,000	5,000	14,000	.....	61,000
Moffat	139,000	20,000	112,000	1,000	272,000
Montezuma	128,000	28,000	135,000	.....	291,000
Montrose	202,000	89,000	216,000	.....	507,000
Morgan	385,000	195,000	371,000	27,000	978,000
Otero	356,000	252,000	512,000	54,000	1,174,000
Ouray	71,000	20 000	40,000	.....	131,000
Park	139,000	3,000	57,000	.....	199,000
Phillips	146,000	60,000	154,000	.....	360,000
Pitkin	62,000	3,000	29,000	.....	94,000
Prowers	314,000	208,000	389,000	32,000	943,000
Pueblo	956,000	1,145,000	1,444,000	204,000	3,749,000
Rio Blanco	111,000	13,000	71,000	.....	195,000
Rio Grande	147,000	46,000	258,000	22,000	473,000
Routt	250,000	41,000	246,000	.....	537,000
Saguache	148,000	10,000	149,000	26,000	333,000
San Juan	50,000	18,000	26,000	.....	94,000
San Miguel	124,000	10,000	73,000	.....	207,000
Sedgwick	116,000	64,000	178,000	17,000	375,000
Summit	67,000	12,000	18,000	.....	97,000
Teller	118,000	37,000	64,000	.....	219,000
Washington	316,000	21,000	299,000	1,000	637,000
Weld	1,043,000	519,000	1,674,000	81,000	3,317,000
Yuma	334,000	127,000	377,000	.....	838,000
Totals	$15,151,000	$23,114,000	[2]$23,733,000	[3]$ 1,126,000	[4]$63,124,000

[1]Tabulated as municipal; county co-extensive with city.
[2]Exclusive of county schools.
[3]Includes Moffat tunnel improvement district, not distributed by counties.
[4]This total is exclusive of the state government, amounting to $21,446,000, which must be added to obtain total governmental-cost payments of all civil divisions.

PER CAPITA GOVERNMENTAL-COST PAYMENTS OF COLORADO COUNTIES, CITIES AND TOWNS, SCHOOL DISTRICTS AND OTHER CIVIL DIVISIONS, 1932

(Compiled from Census Reports)

	County	Cities and Towns	[5]All Civil Divisions
Adams	$16.04	$15.15	$42.36
Alamosa	9.89	14.63	45.54
Arapahoe	13.39	10.11	34.88
Archuleta	25.91	11.19	45.26
Baca	23.39	7.74	41.56
Bent	21.46	14.30	48.72
Boulder	16.96	29.30	57.94
Chaffee	23.90	11.70	49.39
Cheyenne	24.44	18.49	72.25
Clear Creek	38.52	14.46	71.00
Conejos	14.00	4.38	33.10
Costilla	18.98	3.97	29.15
Crowley	20.39	19.23	65.55
Custer	31.07	5.60	48.02
Delta	17.48	22.74	46.57
Denver	[1]	50.45	72.78
Dolores	49.29	4.47	65.00
Douglas	43.74	54.39	84.91
Eagle	34.00	23.41	71.25
Elbert	29.03	11.22	57.60
El Paso	15.29	44.18	73.37
Fremont	16.07	17.32	48.90
Garfield	32.57	18.90	65.15
Gilpin	47.85	13.30	80.86
Grand	60.72	28.40	90.13
Gunnison	41.43	31.50	83.59
Hinsdale	135.86	3.86	164.81
Huerfano	16.37	13.05	38.83
Jackson	44.29	73.94	78.57
Jefferson	18.87	17.97	41.13
Kiowa	32.11	10.39	73.16
Kit Carson	24.44	39.24	68.89
Lake	27.76	8.49	51.44
La Plata	16.92	14.55	44.21
Larimer	21.85	32.36	62.32
Las Animas	17.80	25.36	48.29
Lincoln	29.43	14.36	66.62
Logan	21.83	30.17	64.65
Mesa	18.64	26.50	53.32
Mineral	65.63	13.02	95.31
Moffat	28.59	14.10	55.96
Montezuma	15.80	13.18	35.93
Montrose	17.20	20.32	43.18
Morgan	20.59	28.08	52.30
Otero	14.41	19.57	47.53
Ouray	39.80	21.14	73.43
Park	66.19	9.06	94.76
Phillips	25.17	26.63	62.07
Pitkin	35.03	4.26	53.11
Prowers	21.07	32.43	63.29
Pueblo	14.16	22.45	55.54
Rio Blanco	37.25	12.16	65.44
Rio Grande	14.27	11.44	45.92
Routt	26.60	12.53	57.13
Saguache	22.77	3.65	51.23
San Juan	25.00	12.02	47.00
San Miguel	56.78	11.71	94.78
Sedgwick	20.00	25.00	64.66
Summit	67.88	21.98	98.28
Teller	28.50	12.05	52.89
Washington	32.95	12.62	66.42
Weld	15.57	20.51	49.51
Yuma	24.54	36.24	61.56
State	[2]$20.13	[3]$35.80	[4]$60.35

[1]Tabulated as municipal.

[2]Per capita for counties is based on a population of 752,800, exclusive of Denver, which is included in cities and towns.

[3]Based on a population of 645,660 for cities and towns.

[4]Includes the Moffat tunnel improvement district, but not the governmental-cost payments of the state government. The per capita for the state government is $20.50, making the total for all Colorado civil divisions $80.85 per capita.

[5]Includes total governmental-cost payments for counties and cities and towns, school districts and other civil divisions in the counties, except for the Moffat tunnel improvement district, which is not distributed by counties.

ESTIMATED POPULATION, TOTAL AND PER CAPITA REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF COLORADO CITIES AND TOWNS, 1932

(Compiled from Census Reports)

Note.—Estimated population of Denver, Colorado Springs and Pueblo upon which the per capita figures are computed is as of the middle of the fiscal year for those cities. Others are as of January 1, 1932, except cities and towns which showed decreases between 1920 and 1930, for which population as of April 1, 1930, is used. Items included in the total revenue receipts and governmental-cost payments are shown in the general state table of revenue receipts and governmental-cost payments for cities and towns. School districts and other civil divisions are not included in this table.

	Estimated Population	Revenue Receipts		Governmental-Cost Payments	
		Total	Per Capita	Total	Per Capita
Denver	291,700	$13,019,000	$44.63	$14,715,000	$50.45
Pueblo	51,000	1,432,000	28.08	1,145,000	22.45
Colorado Springs	33,600	2,033,000	60.51	1,534,000	45.65
Greeley	12,400	383,000	30.89	323,000	26.05
Fort Collins	12,000	366,000	30.50	303,000	25.25
Trinidad	11,600	322,000	27.76	327,000	28.19
Boulder	11,300	379,000	33.54	257,000	22.74
Grand Junction	10,500	385,000	36.67	298,000	28.38
Englewood	7,980	91,000	11.40	75,000	9.40
Sterling	7,195	218,000	30.30	225,000	31.27
La Junta	7,193	134,000	18.63	132,000	18.35
Longmont	6,029	242,000	40.14	340,000	56.39
Canon City	5,938	151,000	25.43	128,000	21.56
Loveland	5,506	281,000	51.04	283,000	51.40
Walsenburg	5,503	103,000	18.72	75,000	13.63
Durango	5,400	114,000	21.11	91,000	16.85
Alamosa	5,107	82,000	16.06	77,000	15.08
Salida	5,065	60,000	11.85	61,000	12.04
Fort Morgan	4,423	184,000	41.60	142,000	32.10
Lamar	4,233	223,000	52.68	185,000	43.70
Leadville	3,771	29,000	7.69	32,000	8.49
Montrose	3,566	79,000	22.15	73,000	20.47
Rocky Ford	3,426	89,000	25.98	78,000	22.77
Brighton	3,394	50,000	14.73	35,000	10.31
Delta	2,938	80,000	27.23	63,000	21.44
Monte Vista	2,610	24,000	9.20	23,000	8.81
Las Animas	2,517	47,000	18.67	36,000	14.30
Less than 2,500 population	119,766	2,304,000	19.24	2,058,000	17.18
Grand total	645,660	$22,904,000	$35.47	$23,114,000	$35.80

PER CAPITA GOVERNMENTAL-COST PAYMENTS (EXCLUSIVE OF INTEREST) FOR OPERATION AND MAINTENANCE OF GENERAL DEPARTMENTS OF STATE GOVERNMENT

(From Financial Statistics of States Compiled by the Bureau of the Census)

DEPARTMENT	1931	1930	1929	1928	1927	1926	1925	All States 1931
General government...	$ 1.06	$ 0.79	$ 0.95	$ 0.87	$ 0.90	$ 0.74	$ 0.91	$ 1.03
Protection to person and property:								
Militia and armories.	0.10	0.11	0.11	0.13	0.11	0.09	0.09	0.10
Regulation	0.29	0.29	0.28	0.31	0.27	0.30	0.31	0.32
All others.....	0.31	0.30	0.28	0.37	0.30	0.30	0.14	0.27
Conservation of health and sanitation:								
Prevention and treatment of communicable diseases.....	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.17
All others.....	0.10	0.10	0.11	0.11	0.10	0.10	0.11	0.13
Development and conservation of natural resources:								
Agriculture	0.79	0.78	0.75	0.73	0.61	0.62	0.48	0.48
All others.....	0.23	0.28	0.25	0.14	0.19	0.29	0.19	0.13
Highways	3.03	3.17	2.55	2.11	2.29	1.59	2.58	1.95
Charities, hospitals and corrections	2.35	2.38	2.38	2.20	2.03	1.92	1.63	1.87
Education:								
Schools	4.28	4.03	4.08	4.04	3.37	3.45	3.74	4.78
Libraries	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.02
Recreation	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.05
Miscellaneous	0.26	0.29	0.30	0.27	0.22	0.23	0.29	0.46
All general depts.*....	$12.84	$12.56	$12.08	$11.31	$10.42	$ 9.67	$10.53	$11.75

*The totals upon which the per capita figures are based are same as in table on disbursement of state government for expenses and interest, less payments for interest, and do not include outlays for permanent improvements and investments.

(a) Less than one-half of one cent.

ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY IN COLORADO, 1932 AND 1933

(From Report of the State Tax Commission)

Note.—This table shows the gross and net value of all property in Colorado as assessed for taxation purposes in 1933 and 1932 by the county assessors and the state tax commission, after all corrections and revisions. Distributions of the major items by counties, with mill levies for various purposes, will be found in separate tables. To these figures are added certain amounts by county treasurers which slightly increase the totals and comprise the amounts upon which all levies are made.

CLASS OF PROPERTY	Assessed Value 1933	Assessed Value 1932
Real Estate and Improvements as Returned by County Assessors to the Tax Commission:		
Agricultural land	$ 219,786,845	$ 264,791,516
Waste and seep land	598,783	604,555
Suburban land	7,946,212	9,708,279
Mountain home sites	909,652	974,745
Improvements on above land	62,374,071	69,234,509
Improvements on public and state lands	1,670,865	1,767,286
Equities in state and school lands	1,375,691	1,686,431
Timber land	662,154	701,933
Improvements on timber land	14,153	24,765
Productive coal land	1,765,125	2,073,793
Non-productive coal land	3,087,301	5,485,969
Coal reserves	2,487,358	2,807,576
Improvements on coal lands	3,393,324	4,740,230
Oil land	253,706	286,145
Oil shale land	472,173	638,725
Oil reserves	454,127	517,895
Improvements on oil lands	324,555	431,475
Metalliferous mining claims (non-producing)	9,026,535	10,077,119
Placer mining claims	645,230	720,725
Output of producing metalliferous mines	1,764,414	1,567,545
Mineral reserves (other than coal and oil)	1,249,237	1,328,025
Improvements on all metalliferous mines	3,966,576	4,440,468
Town and city lots	138,054,044	165,888,730
Improvements on town and city lots	252,494,626	302,509,816
Total value, real estate and improvements	$ 714,776,757	$ 853,008,255
Personal Property as Returned by County Assessors to Tax Commission:		
Livestock	$ 27,490,827	$ 32,374,837
Bicycles	9,270	10,045
Motorcycles	22,680	25,828
Automobiles and trucks	27,046,095	36,057,822
Tractors	1,661,037	2,313,495
Carriages and vehicles of every description	.....	658,232
Aeroplanes	45,070	68,900

ABSTRACT OF ASSESSED VALUE OF ALL REAL AND PERSONAL PROPERTY IN COLORADO, 1932 AND 1933—Continued

Note.—This table shows the gross and net value of all property in Colorado as assessed for taxation purposes in 1933 and 1932 by the county assessors and the state tax commission, after all corrections and revisions. Distributions of the major items by counties, with mill levies for various purposes, will be found in separate tables. To these figures are added certain amounts by county treasurers which slightly increase the totals and comprise the amounts upon which all levies are made.

CLASS OF PROPERTY	Assessed Value 1933	1932
Personal Property as Returned by County Assessors to Tax Commission—Continued:		
Agricultural implements, harness, etc.	6,207,518	6,633,341
Manufacturing machinery and equipment	21,364,405	20,007,807
Musical instruments	4,218,890	4,508,509
Radios	2,307,354	2,608,258
Clocks and watches	328,092	367,871
Jewelry and silverware	1,250,105	1,222,240
Household property	31,832,369	33,636,439
Electric refrigerators	1,329,919	1,025,984
Store and office fixtures and furniture	11,501,008	12,101,057
Libraries	410,472	398,420
Stocks of merchandise	51,393,675	55,900,831
Capital employed in manufacture	.....	7,785,740
Bank stock	15,030,138	18,214,118
Gross value bank deposits in and out of state	14,239,747	14,033,655
Gross value of money, credits and bank accounts	28,897,724	30,720,208
Gross value promissory notes, bonds and debentures	17,174,150	18,625,150
Cash value special privileges, franchises, etc.	91,210	150,430
All other property	1,858,939	2,382,275
Gross value, personal property	$ 265,710,694	$ 301,831,492
Corporation Valuations by Tax Commission:		
Railroads, telegraph and telephone	$ 146,521,170	$ 158,185,400
Railway Express Agency	157,520	175,020
Self-winding clocks	11,145	14,600
Pullman	625,840	687,750
Local public utilities	50,379,630	52,631,590
Private car lines	934,580	1,075,930
Motor vehicle carriers (bus and truck lines)	411,560	439,650
Total value, corporations	$ 199,041,445	$ 213,209,940
Recapitulation:		
Real estate and improvements	$ 714,776,757	$ 853,008,255
Personal property	265,710,694	301,831,492
Corporations	199,041,445	213,209,940
Gross value, all property	$1,179,528,896	$1,368,049,687
Exemptions allowed by law	79,925,006	87,485,797
Final net value, all property	$1,099,603,890	$1,280,563,890

RECEIPTS OF STATE GOVERNMENT FOR 1925 TO 1931, INCLUSIVE

NOTE.—This table is compiled from reports of the bureau of the census of the United States department of commerce. Owing to the use of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable with the auditor's reports. The reports are for fiscal years. Prior to 1929 the Colorado fiscal year ended November 30. Beginning with 1929 it ends June 30.

REVENUE RECEIPTS	1931	1930	1929	1928	1927	1926	1925
Taxes:							
General property	$ 5,262,860	$ 5,887,835	$ 5,624,518	$5,971,509	$ 5,611,972	$ 5,659,605	$ 5,844,144
Special:							
Property	.....	.....	.....	.....	.....	183,679	182,517
Inheritance	995,264	900,379	919,984	869,408	674,690	876,009	911,039
All others	261,182	263,802	274,847	281,365	272,093	86,600	93,715
Poll	.....	.....	.....	.....	15	122	166
Business license taxes:							
Gasoline	6,112,341	5,787,172	4,162,842	4,118,399	3,012,626	2,085,833	1,847,641
All others	982,391	994,017	898,816	869,001	763,558	724,291	672,989
Non-business license taxes:							
Motor vehicles	1,054,984	1,049,615	1,017,362	980,491	876,413	828,884	789,358
All others	286,146	313,153	289,393	287,484	269,857	229,956	242,555
Permits	2,521	8,188	5,008	2,036	6,194	6,208	9,610
Special assessments and special charges for outlays	152,888	40,312	36,655	41,520	93,927	53,558	883,414
Fines, forfeits, escheats	15,771	22,435	38,353	41,595	4,596	4,029	18,416
Subventions and grants, donations and pension assessments:							
From U. S. Government	3,739,517	1,775,838	2,148,589	2,053,964	1,445,798	1,424,488	1,662,461
From private persons and corporations	46,599	41,777	48,583	40,899	57,200	121,296	17,226
Rents and interest:							
Sinking and trust funds	437,410	490,796	425,702	449,669	473,766	322,398	540,730
Interest	721,632	691,195	674,820	687,450	660,160	709,399	521,033
Earnings of general departments	2,229,693	2,231,294	2,160,565	2,113,490	2,125,555	1,979,621	1,651,102
Total revenue receipts	$22,301,199	$20,497,808	$18,726,037	$18,808,280	$16,348,420	$15,295,976	$15,888,116

DISBURSEMENTS OF STATE GOVERNMENT FOR 1925 TO 1931, INCLUSIVE

EXPENSES	1931	1930	1929	1928	1927	1926	1925
General government	$ 1,102,679	$ 812,243	$ 977,083	$ 887,149	$ 968,797	$ 781,274	$ 926,138
Protection to persons and property:							
Militia and armories	103,170	114,387	109,131	129,529	114,294	99,705	86,746
Regulation	301,424	294,636	286,916	318,098	294,975	317,954	314,166
All others	322,754	313,479	288,455	375,976	318,051	314,952	140,687
Development and conservation of natural resources:							
Agriculture	818,096	806,098	771,762	742,380	657,135	654,219	492,808
All others	234,494	290,338	255,344	139,589	203,139	301,319	197,283
Conservation of health and sanitation:							
Prevention and treatment of communicable diseases	30,445	29,026	22,497	23,982	24,904	27,692	36,407
All others	102,816	103,639	111,107	108,971	106,558	101,944	115,127
Highways	3,156,658	3,278,767	2,612,572	2,148,055	2,455,574	1,679,991	2,623,880
Charities, hospitals and corrections	2,447,824	2,456,433	2,438,489	2,236,081	2,174,161	2,026,190	1,654,808
Education:							
Schools	4,459,348	4,159,153	4,179,245	4,117,355	3,614,122	3,646,272	3,810,044
Libraries	3,565	3,609	3,313	1,660	973	575	892
Recreation	15,408	14,873	16,026	15,085	12,610	12,829	16,716
Miscellaneous	268,587	297,970	306,488	275,482	240,197	240,659	293,227
Interest	441,023	438,547	513,423	557,468	620,860	578,273	542,154
Total expenses and interest	$13,808,291	$13,413,198	$12,891,851	$12,076,860	$11,806,350	$10,783,848	$11,251,083
Outlays (permanent improvements and investments):							
Agriculture	$ 29,042	$ 29,362	$ 12,943	$ 4,097	$ 20,238	$ 31,324	$ 22,778
Fish and game	80,678	57,095	113,592	112,267	93,360	118,644	31,379
Highways	6,751,609	4,708,086	4,299,597	4,919,584	3,348,800	3,910,519	3,761,659
Hospitals and corrections	175,746	332,908	169,260	15,528	30,642	221,819	38,659
Education	213,192	310,096	224,957	399,463	711,052	704,690	1,532,915
Miscellaneous	25,288	28,240	117	4,050	136,752	59,279	6,373
Total governmental costs	$21,083,846	$18,878,985	$17,712,317	$17,531,849	$16,147,194	$15,830,123	$16,644,846

DETAILED STATEMENT OF ASSESSMENTS FOR 1933

(From the Records of the State Tax Commission)

COUNTY	Valuation by County Assessor	Valuation by Tax Commission									
		Railroad Companies	Telephone Companies	Telegraph Companies	Express Companies	Pullman Company	Private Car Lines	Self-Winding Clocks	Local Utility Companies	Motor Vehicle Carriers (Bus and) Truck Lines)	Total Valuation by Tax Commission
Adams	$ 18,122,910	$ 3,341,550	$ 218,170	$ 75,850	$ 4,080	$ 24,440	$ 25,070	$ 105	$ 258,000	$ 27,420	$ 3,974,685
Alamosa	5,780,788	1,255,280	55,520	6,230	1,700	3,230	5,430	180	149,300	4,410	1,481,280
Arapahoe	13,766,915	2,062,560	330,180	46,090	2,850	18,630	14,760	90	1,153,610	11,790	3,640,560
Archuleta	1,754,117	1,539,520	9,990	5,850	2,070	-----	190	-----	12,860	-----	1,570,480
Baca	8,572,060	1,728,460	30,420	1,500	1,630	-----	12,160	-----	123,470	-----	1,897,640
Bent	6,300,207	2,842,230	71,490	21,410	2,550	9,460	23,550	-----	213,290	8,330	3,192,310
Boulder	25,817,430	2,555,740	394,440	16,480	3,300	9,510	21,630	75	4,438,850	30,340	7,470,365
Chaffee	5,217,400	1,877,430	57,520	23,630	2,310	12,100	12,150	150	489,280	1,260	2,475,830
Cheyenne	6,220,590	2,288,240	32,940	36,630	2,070	16,160	18,660	-----	37,960	7,960	2,440,620
Clear Creek	3,154,235	673,610	29,600	2,070	980	-----	-----	-----	398,790	12,330	1,117,380
Conejos	5,239,756	1,318,720	30,870	6,680	1,770	-----	320	-----	35,370	1,770	1,395,500
Costilla	2,554,799	819,180	27,640	4,050	2,080	8,220	10,390	-----	23,530	1,400	896,490
Crowley	4,454,485	857,960	33,750	4,200	1,030	8,030	7,800	30	194,820	970	1,108,590
Custer	1,854,935	308,630	8,900	1,630	430	-----	2,470	-----	29,450	1,230	352,740
Delta	8,221,285	1,695,670	99,910	13,920	2,270	-----	21,020	90	124,920	5,660	1,963,460
Denver	317,521,897	1,815,490	7,208,930	132,630	2,480	10,620	11,950	6,060	20,805,360	11,440	30,004,960
Dolores	954,386	51,280	2,510	1,070	580	-----	500	-----	16,210	-----	72,150
Douglas	4,456,425	2,770,430	102,190	97,020	3,100	28,680	24,870	-----	641,310	18,890	3,686,490
Eagle	3,598,289	1,986,940	25,570	29,260	2,700	16,420	20,800	-----	180,700	-----	2,262,390
Elbert	7,517,239	2,474,500	77,640	30,940	3,660	21,720	21,260	-----	71,200	5,220	2,706,140
El Paso	44,645,550	5,110,800	823,290	137,250	7,000	49,610	44,900	975	1,003,060	25,370	7,202,255
Fremont	10,926,879	2,719,340	120,920	28,060	2,790	18,180	27,620	165	1,229,280	7,980	4,154,335
Garfield	8,201,460	2,365,470	86,460	36,090	3,800	17,200	24,370	90	1,542,190	4,470	4,080,140
Gilpin	1,667,682	811,310	20,270	1,860	1,220	-----	2,080	-----	92,190	-----	928,930
Grand	3,103,449	1,797,920	35,900	-----	1,740	-----	10,340	-----	10,390	9,640	1,865,930
Gunnison	6,719,575	4,328,420	43,870	11,010	3,840	-----	1,170	120	95,490	3,190	4,487,110
Hinsdale	518,516	229,340	1,600	-----	310	-----	-----	-----	6,000	-----	237,250
Huerfano	6,338,261	2,834,020	80,700	48,810	3,540	24,820	31,730	-----	740,480	10,540	3,774,640
Jackson	2,157,670	125,850	6,390	-----	1,430	-----	-----	-----	-----	-----	133,670
Jefferson	16,192,140	2,522,970	307,260	23,200	3,760	1,460	7,250	-----	1,155,390	12,570	4,033,860

DETAILED STATEMENT OF ASSESSMENTS FOR 1933
(From the Records of the State Tax Commission)

COUNTY	Valuation by County Assessor	Valuation by Tax Commission									
		Railroad Companies	Telephone Companies	Telegraph Companies	Express Companies	Pullman Company	Private Car Lines	Self-Winding Clocks	Local Utility Companies	Motor Vehicle Carriers Bus and Truck Lines)	Total Valuation by Tax Commission
Kiowa	6,090,451	2,394,350	61,700	11,390	2,870	22,400	24,640	-----	57,570	-----	2,574,920
Kit Carson	11,612,646	1,380,410	31,720	19,600	1,980	15,410	15,710	45	40,890	3,840	1,509,605
Lake	3,786,895	1,370,630	44,780	14,220	1,920	7,350	10,390	135	460,310	370	1,910,105
La Plata	7,298,405	2,312,410	70,310	10,670	4,630	-----	3,930	210	689,310	6,060	3,097,530
Larimer	30,082,605	3,863,810	432,870	14,060	3,330	13,320	36,310	255	740,790	32,040	5,136,785
Las Animas	19,384,711	6,849,350	189,780	98,200	5,950	35,760	53,630	345	2,583,230	9,040	9,825,285
Lincoln	8,489,495	2,257,210	96,170	34,780	2,450	19,130	18,350	90	92,220	6,960	2,527,360
Logan	16,402,300	4,693,100	162,020	38,380	4,970	25,360	36,340	150	581,680	3,740	5,545,740
Mesa	16,383,597	2,585,250	214,170	48,640	3,680	18,000	30,950	360	671,720	5,540	3,578,310
Mineral	674,840	424,530	6,930	1,150	570	-----	4,720	-----	------	1,640	439,540
Moffat	4,471,472	173,250	28,650	-----	240	-----	1,080	-----	104,660	-----	307,880
Montezuma	3,702,870	181,410	28,430	3,780	2,060	-----	1,920	-----	68,290	2,440	288,330
Montrose	6,778,620	1,277,240	87,730	8,970	1,720	-----	4,420	180	86,840	4,550	1,471,650
Morgan	14,131,240	3,128,630	167,550	56,000	3,080	23,970	24,030	75	149,060	6,370	3,558,765
Otero	17,094,165	3,385,750	128,650	45,020	3,040	19,180	29,230	150	730,480	10,180	4,351,680
Ouray	2,035,414	626,470	26,490	4,640	1,230	-----	1,140	-----	107,450	3,110	770,530
Park	4,361,740	2,473,970	42,500	38,550	2,130	-----	270	-----	36,290	-----	2,593,710
Phillips	6,464,300	1,183,820	21,920	2,330	1,190	-----	9,290	-----	------	-----	1,218,550
Pitkin	1,881,675	508,640	17,580	2,080	670	-----	4,300	-----	70,190	-----	603,460
Prowers	11,564,400	2,958,590	169,340	22,650	2,650	9,860	22,570	120	233,320	2,680	3,421,780
Pueblo	47,138,882	5,627,780	956,790	124,270	7,200	51,680	51,150	495	4,130,910	30,010	10,980,285
Rio Blanco	3,565,670	73,500	20,750	-----	260	-----	------	-----	------	-----	94,510
Rio Grande	6,382,961	1,074,120	53,450	4,160	1,370	-----	12,380	60	53,930	7,470	1,206,940
Routt	8,068,450	2,103,560	46,940	-----	2,990	-----	15,150	-----	409,720	-----	2,578,360
Saguache	4,521,132	2,190,590	39,000	9,570	2,710	-----	250	75	48,950	7,620	2,298,765
San Juan	2,238,454	394,610	18,540	850	430	-----	------	-----	113,430	2,930	530,790
San Miguel	2,458,785	138,030	23,150	3,320	1,520	-----	1,580	-----	478,740	-----	646,340
Sedgwick	6,926,093	1,138,040	52,380	17,560	1,030	7,840	7,340	-----	38,420	610	1,263,220
Summit	1,721,128	1,159,850	21,110	5,100	1,470	-----	------	-----	363,640	-----	1,551,170
Teller	2,623,770	476,550	77,530	-----	-----	-----	------	-----	465,010	640	1,019,730
Washington	9,294,849	1,350,850	31,690	26,630	1,420	11,070	9,540	-----	91,430	1,120	1,523,750
Weld	51,046,190	12,335,630	502,360	176,240	12,360	36,670	89,990	270	1,408,400	38,420	14,600,340
Yuma	10,332,910	1,317,820	42,500	26,010	1,330	10,350	9,540	-----	------	-----	1,407,550
State	$900,562,445	$130,518,610	$14,290,320	$1,712,240	$ 157,520	$ 625,840	$ 934,580	$ 11,145	$50,379,630	$411,560	$199,041,445

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 1933.* STATE LEVY 3.40 MILLS

COUNTY	Valuation	Revenue	County Levy	Average Town Levy	Average School Levy	Average Total Levy
Adams	$ 22,099,050	$ 636,441.80	7.00	20.83	15.61	28.80
Alamosa	7,262,068	267,185.16	5.00	19.05	22.22	36.79
Arapahoe	17,438,170	619,919.72	7.00	14.81	20.57	35.55
Archuleta	3,324,597	89,593.68	9.40	19.50	12.00	26.83
Baca	10,469,700	278,969.78	5.60	14.04	16.22	26.64
Bent	9,510,800	260,195.68	7.30	11.00	15.00	27.36
Boulder	33,453,185	1,063,068.59	6.90	10.57	16.77	31.78
Chaffee	7,693,230	273,155.38	12.00	11.92	15.19	35.50
Cheyenne	8,658,745	212,442.57	3.52	13.96	16.62	24.54
Clear Creek	4,271,220	139,916.95	11.60	13.39	7.54	32.76
Conejos	6,635,256	211,517.87	8.20	13.65	18.25	31.88
Costilla	3,451,209	128,712.84	15.125	13.90	17.95	37.29
Crowley	5,563,075	171,285.93	5.65	14.47	18.72	30.79
Custer	2,207,675	61,953.63	11.00	6.49	12.93	28.06
Delta	10,184,745	483,562.60	15.40	11.91	24.85	47.48
Denver	349,125,460	11,992,459.55	4.503	11.347	15.10	34.35
Dolores	1,026,536	40,444.62	20.90	9.54	13.97	39.40
Douglas	8,134,050	175,476.40	6.25	22.00	11.00	21.57
Eagle	5,860,679	171,443.40	10.00	17.88	14.05	29.27
Elbert	10,206,326	241,077.52	7.60	12.90	12.06	23.62
El Paso	52,138,220	2,013,860.74	6.60	11.83	21.39	38.63
Fremont	15,083,216	520,680.34	5.40	14.14	19.87	34.52
Garfield	12,281,870	428,654.83	11.00	18.53	16.51	34.90
Gilpin	2,604,258	83,583.22	14.00	25.05	10.88	32.09
Grand	4,935,920	117,441.53	9.10	18.19	10.11	23.79
Gunnison	11,206,685	333,660.11	9.70	13.01	14.51	29.77
Hinsdale	755,359	29,415.99	18.35	16.00	15.15	38.94
Huerfano	10,112,901	396,484.09	12.50	11.34	20.02	39.21
Jackson	2,291,840	44,165.21	8.079	15.00	6.71	19.27
Jefferson	20,129,665	627,689.43	8.00	15.72	17.68	31.18
Kiowa	8,668,448	161,669.91	3.84	8.13	11.03	18.65
Kit Carson	13,122,251	412,453.90	6.45	16.69	19.38	31.43
Lake	5,697,000	216,494.22	10.06	38.00	16.32	38.00
La Plata	10,411,080	439,268.56	12.195	15.86	21.22	42.19
Larimer	35,271,130	1,197,344.07	8.50	14.56	16.97	33.95
Las Animas	29,140,695	1,058,252.72	9.33	17.87	18.62	36.32
Lincoln	11,016,855	316,764.08	6.23	12.25	17.65	28.75
Logan	21,946,845	679,552.81	4.94	18.07	18.35	30.96
Mesa	19,961,907	768,922.15	7.95	15.92	20.64	38.52
Mineral	1,114,380	23,045.29	7.67	21.00	6.82	20.68
Moffat	4,779,349	157,358.05	12.00	15.00	15.01	32.92
Montezuma	3,995,305	168,166.62	14.44	14.91	20.64	31.40
Montrose	8,250,270	341,980.03	12.24	15.46	21.30	41.45
Morgan	17,690,005	527,827.67	5.80	9.60	18.34	29.84
Otero	21,445,845	672,542.60	6.00	15.28	16.73	31.36
Ouray	2,805,944	99,335.43	15.60	23.13	12.35	35.40
Park	6,954,930	127,252.29	6.20	9.22	8.31	18.30
Phillips	7,682,843	201,428.29	5.50	14.54	14.92	26.22
Pitkin	2,486,960	89,381.22	19.625	43.00	9.44	35.94
Prowers	14,985,380	441,296.18	6.50	11.72	16.83	29.45
Pueblo	58,177,907	2,237,661.74	5.28	24.00	17.83	38.46
Rio Blanco	3,660,180	113,874.90	10.35	23.00	14.51	31.11
Rio Grande	7,592,496	303,449.82	6.70	17.00	25.93	39.97
Routt	10,685,090	342,800.87	9.40	21.58	16.16	32.08
Saguache	6,819,897	186,004.88	7.50	11.82	15.00	27.27
San Juan	2,769,244	95,581.48	14.12	17.00	14.20	34.52
San Miguel	3,104,365	114,003.84	15.10	12.07	15.57	36.72
Sedgwick	8,099,310	228,428.96	4.215	16.45	17.68	28.20
Summit	3,272,818	79,463.40	9.25	17.30	9.82	24.28
Teller	3,635,830	161,604.80	13.60	46.27	18.01	44.45
Washington	10,818,599	311,664.38	6.37	12.84	17.80	28.81
Weld	65,609,070	2,067,369.00	5.60	13.73	19.44	31.51
Yuma	11,740,460	336,366.42	5.00	13.36	18.37	28.65
State	$1,101,528,398	$36,793,069.74	9.76	16.49	16.04	33.40

*From County Treasurers' Annual Statements.
Note—County levy does not include general school tax levy, shown in another table.

MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS RETURNED BY STATE TAX COMMISSION FOR 1933

COUNTY	Railroad		Telephone		Telegraph	
	Miles	Value	Miles	Value	Miles	Value
Adams	93.08	$ 3,341,550	7,537.86	$ 218,170	1,288.63	$ 75,850
Alamosa	51.45	1,255,280	2,127.50	55,520	96.97	6,230
Arapahoe	62.93	2,062,560	11,265.02	330,180	764.87	46,090
Archuleta	63.10	1,539,520	318.25	9,990	91.06	5,850
Baca	47.24	1,728,460	1,142.00	30,420	23.40	1,500
Bent	77.68	2,842,230	2,345.40	71,490	483.20	21,410
Boulder	91.00	2,555,740	14,716.28	394,440	256.49	16,480
Chaffee	76.95	1,877,430	2,159.00	57,520	372.38	23,630
Cheyenne	63.12	2,288,240	930.72	32,940	570.27	36,630
Clear Creek	26.46	673,610	1,111.00	29,600	32.27	2,070
Conejos	54.05	1,318,720	1,167.00	30,870	104.06	6,680
Costilla	63.63	819,180	1,053.05	27,640	63.07	4,050
Crowley	31.35	857,960	1,128.70	33,750	65.35	4,200
Custer	12.65	308,630	338.00	8,900	25.30	1,630
Delta	69.50	1,695,670	3,977.40	99,910	216.70	13,920
Denver	53.42	1,815,490	270,152.64	7,208,930	2,134.91	132,630
Dolores	17.72	51,280	46.00	2,510	16.68	1,070
Douglas	94.38	2,770,430	3,347.80	102,190	1,750.52	97,020
Eagle	82.21	1,986,940	976.50	25,570	455.41	29,260
Elbert	83.24	2,474,500	1,876.80	77,640	481.67	30,940
El Paso	189.23	5,110,800	30,047.04	823,290	2,429.68	137,250
Fremont	101.38	2,719,340	4,578.00	120,920	474.48	28,060
Garfield	118.04	2,365,470	3,208.25	86,460	562.26	36,090
Gilpin	33.59	811,310	761.00	20,270	28.97	1,860
Grand	76.58	1,797,920	1,324.00	35,900	----	------
Gunnison	184.03	4,328,420	1,628.50	43,870	187.65	11,010
Hinsdale	9.40	229,340	77.00	1,600	----	------
Huerfano	114.55	2,834,020	2,859.72	80,700	793.39	48,810
Jackson	43.88	125,850	240.00	6,390	----	------
Jefferson	98.65	2,522,970	11,561.00	307,260	361.13	23,200
Kiowa	87.49	2,394,350	1,423.72	61,700	177.34	11,390
Kit Carson	60.18	1,380,410	1,226.00	31,720	305.11	19,600
Lake	55.44	1,370,630	1,681.00	44,780	221.37	14,220
La Plata	121.00	2,312,410	2,688.25	70,310	166.15	10,670
Larimer	139.29	3,863,810	15,046.64	432,870	218.84	14,060
Las Animas	231.52	6,849,350	6,538.26	189,780	1,860.31	98,200
Lincoln	73.33	2,257,210	2,405.12	96,170	541.48	34,780
Logan	133.60	4,693,100	5,129.11	162,020	789.97	38,380
Mesa	134.63	2,585,250	7,966.88	214,170	757.16	48,640
Mineral	17.40	424,530	260.00	6,930	17.82	1,150
Moffat	7.49	173,250	1,073.00	28,650	----	------
Montezuma	62.69	181,410	1,067.00	28,430	58.76	3,780
Montrose	52.35	1,277,240	3,336.50	87,730	139.61	8,970
Morgan	90.53	3,128,630	5,517.50	167,550	1,022.18	56,000
Otero	92.58	3,385,750	4,626.40	128,650	1,018.31	45,020
Ouray	37.40	626,470	994.00	26,490	72.29	4,640
Park	97.18	2,473,970	1,592.00	42,500	600.02	38,550
Phillips	36.31	1,183,820	748.97	21,920	36.30	2,330
Pitkin	39.14	508,640	666.00	17,580	37.26	2,080
Prowers	80.86	2,958,590	4,843.82	169,340	508.81	22,650
Pueblo	211.47	5,627,780	34,948.50	956,790	2,227.63	124,270
Rio Blanco	7.80	73,500	805.00	20,750	----	------
Rio Grande	52.51	1,074,120	2,014.00	53,450	64.79	4,160
Routt	90.94	2,103,560	1,762.00	46,940	----	------
Saguache	90.15	2,190,590	1,545.50	39,000	162.10	9,570
San Juan	21.55	394,610	696.00	18,540	13.14	850
San Miguel	47.70	138,030	869.00	23,150	51.65	3,320
Sedgwick	31.48	1,138,040	1,490.96	52,380	356.67	17,560
Summit	45.56	1,159,850	830.00	21,110	79.42	5,100
Teller	39.55	476,550	2,910.00	77,530	----	------
Washington	40.44	1,350,850	952.05	31,690	424.55	26,630
Weld	401.41	12,335,630	17,680.86	502,360	3,192.38	176,240
Yuma	40.42	1,317,820	1,577.27	42,500	404.86	26,010
State	4,955.88	$130,518,610	520,912.74	$14,290,320	29,657.05	$1,712,240

DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1933*

(From the Records of the State Tax Commission)

COUNTY	Assessed Valuation	Per Cent of Total Value of State	State Revenue	Per Cent of Total Tax of County	Per Cent of Total State Revenue	County Revenue	Per Cent of Total Tax of County	Town Revenue	Per Cent of Total Tax of County	School Revenue	Per Cent of Total Tax of County	Total County Tax	Per Cent of Total Property Tax of State
Adams	$ 22,099,060	2.01	$ 75,136.77	11.81	2.01	$ 154,693.35	24.31	$ 61,723.95	9.69	$ 344,887.72	54.19	$ 636,441.80	1.73
Alamosa	7,262,068	.66	24,691.03	9.24	.66	36,310.34	13.59	44,844.79	16.78	161,339.00	60.39	267,185.16	.73
Arapahoe	17,438,170	1.58	59,289.78	9.56	1.58	122,067.19	19.69	79,891.61	12.80	358,671.14	57.86	619,919.72	1.68
Archuleta	3,324,597	.30	11,303.63	12.63	.30	31,261.21	34.88	6,764.06	7.63	40,284.78	44.96	89,693.68	.24
Baca	10,469,700	.95	35,596.98	12.76	.95	58,630.32	21.02	14,925.60	5.35	169,816.98	60.87	278,969.78	.76
Bent	9,510,800	.86	32,336.72	12.43	.86	69,428.84	26.68	15,790.53	6.07	142,639.69	54.82	260,195.68	.70
Boulder	33,463,185	3.04	113,740.83	10.70	3.04	230,826.98	21.71	157,605.71	14.83	560,895.07	52.76	1,063,068.59	2.89
Chaffee	7,693,230	.70	26,156.98	9.68	.70	92,318.76	33.79	37,839.50	13.85	116,840.14	42.78	273,155.38	.74
Cheyenne	8,658,745	.79	29,439.73	13.86	.70	30,478.78	14.36	8,635.23	4.06	143,888.83	67.73	212,442.57	.58
Clear Creek	4,271,220	.39	14,522.15	10.38	.39	49,646.15	36.41	19,178.83	13.71	55,669.82	40.50	139,916.06	.38
Conejos	6,635,256	.60	22,559.87	10.66	.60	54,409.10	25.72	13,473.78	6.37	121,075.12	57.25	211,617.87	.57
Costilla	3,461,209	.31	11,734.11	9.12	.31	52,199.53	40.65	2,842.62	2.21	61,936.58	48.12	128,712.84	.35
Crowley	5,663,075	.51	18,914.46	11.04	.50	31,431.37	18.35	16,804.06	9.81	104,136.04	60.80	171,285.93	.47
Custer	2,207,675	.20	7,506.10	12.12	.20	24,284 42	39.20	1,618.78	2.51	28,544.33	46.07	61,953.63	.17
Delta	10,184,745	.92	34,628.13	7.15	.92	156,846.08	32.44	38,971.32	8.06	263,118.07	62.34	483,562.60	1.31
Denver	349,126,460	31.69	1,187,026.56	9.90	31.69	1,672,111.95	13.11	3,961,526.59	33.03	5,271,794.45	43.96	11,992,459.55	32.59
Dolores	1,026,536	.09	3,490.22	8.63	.09	21,454.60	53.06	1,155.63	2.86	14,344.17	35.47	40,444.62	.11
Douglas	8,134,050	.74	27,655.77	15.76	.74	50,837.81	28.98	7,501.34	4.27	89,481.48	50.99	175,476.40	.48
Eagle	5,860,679	.53	10,926.31	11.63	.53	58,606.79	34.18	10,548.89	6.15	82,361.41	48.04	171,443.40	.47
Elbert	10,206,325	.92	34,701.51	14.39	.93	77,668.07	32.18	5,741.21	2.38	123,066.73	51.05	241,077.62	.66
El Paso	52,138,220	4.73	177,269.95	8.80	4.73	344,112.25	17.09	377,185.05	18.73	1,115,293.49	55.38	2,013,860.74	5.47
Fremont	15,083,216	1.37	51,282.93	9.85	1.37	81,449.37	15.64	88,217.11	16.94	299,730.93	67.57	520,680.34	1.42
Garfield	12,281,870	1.11	41,758.36	9.74	1.11	135,100.57	31.52	49,044.10	11.44	202,751.80	47.30	428,654.83	1.16
Gilpin	2,604,268	.24	8,854.48	10.59	.24	36,459.61	43.62	9,943.02	11.90	28,326.11	33.89	83,683.22	.23
Grand	4,935,920	.45	16,782.13	14.29	.46	44,916.87	38.25	6,833.58	4.96	49,908.95	42.50	117,441.53	.32
Gunnison	11,206,685	1.02	38,102.73	11.42	1.02	108,704.84	32.58	24,222.45	7.26	162,630.09	48.74	333,650.11	.90
Hinsdale	765,359	.07	2,568.22	8.73	.07	13,860.84	47.12	1,545.70	5.26	11,440.23	38.89	29,415.99	.08
Huerfano	10,112,001	.02	34,383.86	8.67	.92	126,411.26	31.88	33,193.02	8.37	202,495.96	51.08	396,484.09	1.08
Jackson	2,291,840	.21	7,792.26	17.64	.21	18,515.77	41.92	2,481.30	5.62	15,375.88	34.82	44,165.21	.12
Jefferson	20,129,665	1.83	68,440.86	10.90	1.83	161,037.32	26.66	42,246.53	6.73	355,964.72	56.71	627,689.43	1.71
Kiowa	8,668,448	.79	29,472.72	18.23	.79	33,286.84	20.69	3,278.50	2.03	95,631.85	59.15	161,669.91	.44
Kit Carson	13,122,261	1.19	44,615.65	10.82	1.19	84,638.52	20.52	28,945.10	7.01	254,254.63	61.65	412,453.90	1.12
Lake	5,697,000	.62	19,369.80	8.95	.52	67,311.82	26.47	46,832.72	21.63	92,979.88	42.95	216,494.22	.59
La Plata	10,411,080	.95	36,397.67	8.06	.95	126,963.12	28.90	56,022.76	12.75	220,886.02	50.29	439,268.56	1.19
Larimer	35,271,130	3.20	119,921.84	10.02	3.20	299,804.60	25.04	178,926.12	14.94	598,691.61	50.00	1,197,344.07	3.25
Las Animas	29,140,695	2.65	09,078.36	9.36	2.65	271,882.68	25.69	144,614.46	13.67	542,677.22	51.28	1,058,252.72	2.88
Lincoln	11,016,865	1.00	37,467.31	11.82	1.00	68,635.01	21.67	16,223.75	5.12	194,448.01	61.39	316,764.08	.86
Logan	21,946,845	1.99	74,619.27	10.98	1.99	108,417.41	15.95	93,795.21	13.80	402,720.92	59.27	679,552.81	1.85
Mesa	19,961,907	1.81	67,870.48	8.83	1.81	158,697.16	20.64	130,272.38	16.94	412,082.13	53.59	768,922.15	2.09
Mineral	1,114,380	.10	3,788.89	16.44	.10	8,547.29	37.09	3,109.36	13.49	7,599.75	32.98	23,046.29	.06
Moffat	4,779,319	.43	16,249.79	10.33	.43	57,352.18	36.46	12,021.63	7.63	71,734.45	45.59	157,358.05	.43
Montezuma	3,995,305	.36	13,584.04	8.08	.36	57,692.20	34.31	14,436.48	8.58	82,453.90	49.03	168,166.62	.46
Montrose	8,250,270	.76	28,050.92	8.20	.76	100,983.30	29.53	37,200.69	10.88	176,745.12	51.39	341,980.03	.93
Morgan	17,690,005	1.60	60,146.02	11.39	1.61	102,602.03	19.44	40,657.00	7.70	324,421.72	61.47	527,827.67	1.43
Otero	21,445,845	1.95	72,915.87	10.84	1.95	128,675.07	19.13	112,109.05	16.67	358,842.61	53.36	672,542.60	1.83
Ouray	2,806,944	.25	9,540.21	9.60	.25	43,772.73	44.07	11,367.63	11.44	34,654.86	34.89	99,335.43	.27
Park	6,954,930	.63	23,646.76	18.58	.63	43,120.66	33.89	2,684.22	2.11	57,800.75	45.42	127,252.29	.35
Phillips	7,682,843	.70	26,121.67	12.97	.70	42,255.64	20.98	18,441.80	9.16	114,609.18	55.89	201,428.29	.55
Pitkin	2,486,960	.23	8,455.66	9.46	.23	48,806.69	54.60	8,644.94	9.67	23,474.03	26.27	89,381.22	.24
Prowers	14,985,380	1.36	50,950.29	11.54	1.36	97,404.97	22.07	40,716.63	9.23	252,224.29	57.16	441,296.18	1.20
Pueblo	58,177,907	5.28	197,804.88	8.84	5.28	307,179.35	13.73	695,212.65	31.07	1,037,464.86	46.36	2,237,661.74	6.08
Rio Blanco	3,660,180	.33	12,444.61	10.93	.33	37,882.86	33.27	10,407.96	9.14	53,139.47	46.66	113,874.90	.31
Rio Grande	7,592,496	.69	25,814.49	8.51	.69	50,869.72	16.76	29,924.79	9.86	196,340.82	64.87	303,449.82	.82
Routt	10,685,090	.97	36,329.31	10.60	.97	100,439.85	29.30	33,368.13	9.73	172,673.58	50.37	342,800.87	.93
Saguache	6,819,897	.62	23,187.65	12.47	.62	51,149.23	27.50	9,379.85	5.04	102,288.15	54.99	186,004.88	.51
San Juan	2,769,244	.26	9,415.43	9.85	.25	39,101.73	40.91	7,741.05	8.10	39,323.27	41.14	95,581.48	.26
San Miguel	3,104,365	.28	10,554.84	9.26	.28	46,875.91	41.12	8,242.31	7.23	48,330.78	42.39	114,003.84	.31
Sedgwick	8,099,310	.74	27,537.65	12.06	.74	34,138.59	14.94	23,509.25	10.29	143,243.47	62.71	228,428.96	.62
Summit	3,272,818	.30	11,127.58	14.00	.30	30,273.57	38.10	5,912.08	7.44	32,150.17	40.46	79,463.40	.22
Teller	3,635,830	.33	12,361.82	7.65	.33	49,447.29	30.60	34,335.62	21.24	65,460.07	40.51	161,604.80	.44
Washington	10,818,599	.98	36,783.24	11.80	.98	68,914.47	22.12	13,415.28	4.30	192,551.39	61.78	311,654.38	.85
Weld	65,600,070	5.95	223,070.84	10.79	5.96	367,410.79	17.77	201,410.68	9.74	1,275,476.69	61.70	2,067,369.00	5.62
Yuma	11,740,460	1.07	39,917.56	11.87	1.06	58,702.30	17.45	22,128.88	6.58	215,617.68	64.10	336,366.42	.91
State	$1,101,528,398	100.00	$3,745,196.54	10.18	100.00	$7,229,104.72	19.65	$7,236,566.65	19.67	$18,582,201.83	50.50	$36,793,069.74	100.00

*From County Treasurers' Annual Statements.

COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION,

1925, 1929, 1930, 1931, 1932, 1933

COUNTY	1933	1932	1931	1930	1929	1925
Adams	$ 22,097,595	$ 24,805,870	$ 28,039,200	$ 32,186,300	$ 32,229,890	$ 31,771,520
Alamosa	7,262,068	8,359,693	9,061,216	10,095,070	9,997,212	9,346,936
Arapahoe	17,407,475	19,467,570	21,526,570	23,956,229	23,152,000	21,175,010
Archuleta	3,324,597	3,672,188	4,282,654	4,636,869	4,665,810	4,550,250
Baca	10,469,700	11,960,780	12,939,100	14,318,800	13,389,800	10,004,707
Bent	9,492,517	11,118,895	12,294,915	13,759,870	13,741,575	13,588,251
Boulder	33,287,795	38,459,900	43,721,245	47,414,950	46,872,840	47,273,532
Chaffee	7,693,230	8,534,600	9,322,020	9,858,980	9,610,955	10,489,660
Cheyenne	8,661,210	10,980,695	11,816,838	13,853,688	13,784,464	16,937,730
Clear Creek	4,271,615	4,871,950	5,273,230	5,434,895	5,411,690	5,424,380
Conejos	6,635,256	7,260,860	7,865,665	9,205,570	9,291,400	8,482,960
Costilla	3,451,289	4,303,060	4,549,550	5,293,410	5,312,665	5,244,260
Crowley	5,563,075	6,743,520	8,470,870	9,743,528	10,185,080	9,798,990
Custer	2,207,675	2,477,675	2,654,262	3,075,435	3,055,645	3,114,268
Delta	10,184,745	11,801,230	13,088,790	14,688,795	15,079,260	15,555,771
Denver	347,526,857	401,547,845	435,632,685	459,992,853	453,835,330	416,604,690
Dolores	1,026,536	1,270,075	1,484,224	2,066,877	1,825,115	1,630,444
Douglas	8,142,915	9,247,865	10,584,880	11,837,705	11,474,840	10,738,479
Eagle	5,860,679	6,375,387	7,224,798	8,058,056	7,176,615	6,522,163
Elbert	10,223,379	11,808,715	14,045,043	16,478,763	17,708,317	17,998,235
El Paso	51,847,805	63,181,930	70,456,810	75,322,405	75,393,330	70,999,530
Fremont	15,081,214	17,928,418	20,609,397	22,871,813	23,383,340	21,496,797
Garfield	12,281,600	14,427,710	16,543,295	18,212,475	18,036,195	16,760,930
Gilpin	2,596,612	2,928,629	3,152,556	3,204,732	2,877,759	2,636,555
Grand	4,969,379	5,557,965	6,273,745	6,888,680	5,813,895	4,683,230
Gunnison	11,206,685	12,564,860	14,528,380	15,659,405	15,956,050	15,633,235
Hinsdale	755,766	836,468	956,032	1,178,983	982,553	940,990
Huerfano	10,112,901	11,246,234	13,943,853	16,069,091	16,605,932	15,960,350
Jackson	2,291,340	2,714,680	3,167,830	3,670,740	3,855,680	3,677,870
Jefferson	20,226,000	23,508,555	25,457,475	28,644,700	27,775,520	25,711,450
Kiowa	8,665,371	10,327,910	11,183,385	13,004,770	13,187,310	14,353,803
Kit Carson	13,122,251	15,428,171	17,038,334	21,154,833	21,295,855	26,076,536
Lake	5,697,000	6,398,235	7,356,543	7,487,005	7,610,450	7,706,810
La Plata	10,395,935	11,770,815	13,846,100	15,351,155	15,520,611	15,264,755
Larimer	35,219,390	39,082,790	45,491,930	52,357,595	53,346,290	55,278,060
Las Animas	29,209,996	33,477,452	37,666,062	41,974,002	41,622,162	42,308,393
Lincoln	11,016,855	13,450,215	15,633,670	18,333,217	20,406,035	22,623,650
Logan	21,948,040	27,197,420	32,149,730	36,555,861	36,916,775	36,891,095
Mesa	19,961,907	24,360,790	27,083,185	30,755,510	30,225,510	29,712,195
Mineral	1,114,380	1,216,485	1,468,280	1,667,299	1,566,140	1,486,650
Moffat	4,779,352	5,308,155	6,193,498	7,261,564	7,374,850	6,572,136
Montezuma	3,991,200	4,543,050	5,195,755	6,241,295	6,564,155	6,296,535
Montrose	8,250,270	9,243,980	10,449,400	12,050,922	12,204,332	12,464,845
Morgan	17,690,005	20,914,840	24,716,990	27,718,762	28,881,820	28,299,506
Otero	21,445,845	25,242,870	29,014,005	32,118,810	32,013,510	34,495,560
Ouray	2,805,944	3,187,602	3,515,534	4,092,453	4,084,281	4,020,672
Park	6,954,930	7,033,755	8,113,890	8,696,650	8,895,205	8,510,030
Phillips	7,682,850	9,887,615	13,317,255	15,414,635	15,435,890	14,914,375
Pitkin	2,485,135	2,886,375	3,294,100	3,816,490	3,915,120	4,448,460
Prowers	14,986,180	17,716,100	19,351,760	21,564,010	21,831,630	21,770,175
Pueblo	58,119,167	69,989,797	76,859,710	83,025,130	81,257,860	74,263,765
Rio Blanco	3,660,180	4,398,590	4,805,315	5,796,095	6,074,325	5,291,040
Rio Grande	7,589,901	8,680,283	9,416,732	11,137,246	10,931,025	10,483,371
Routt	10,646,810	13,045,040	15,390,730	16,802,930	15,907,960	14,605,133
Saguache	6,819,897	7,858,589	8,934,209	10,583,464	11,435,834	11,151,184
San Juan	2,769,244	3,247,994	3,495,917	3,796,488	3,440,058	3,613,684
San Miguel	3,105,125	3,429,180	4,032,295	4,635,150	5,447,270	6,742,990
Sedgwick	8,189,313	9,772,810	11,249,870	12,970,688	13,273,730	9,985,115
Summit	3,272,818	3,601,499	4,318,657	4,481,396	4,616,006	4,501,909
Teller	3,643,500	3,902,050	4,454,330	5,038,070	5,674,560	7,004,030
Washington	10,818,599	12,270,051	13,423,906	15,921,474	17,244,308	23,503,472
Weld	65,646,530	76,323,970	90,347,020	102,130,907	105,179,350	106,102,390
Yuma	11,740,460	15,405,590	20,672,840	24,797,360	25,058,795	25,236,990
State	$1,099,603,890	$1,280,563,890	$1,438,448,065	$1,586,462,903	$1,586,919,769	$1,540,732,487

1933 COUNTY TAX LEVIES, IN MILLS, FOR ALL COUNTY PURPOSES; TAX COLLECTED IN 1934

COUNTY	General School	Roads and Bridges	Ordinary, County, Including Poor and Contingent	Mothers' Compensation and Blind Benefits	County Fair and Advertising	Bonds, Interest and Registered Warrants	Building	Total
Adams	5.00	1.25	3.90	.125	---	1.725	---	12.00
Alamosa	5.00	---	4.20	---	---	.80	---	10.00
Arapahoe	5.00	1.00	5.38	.12	---	.50	---	12.00
Archuleta	5.00	1.50	5.00	---	---	2.90	---	14.40
Baca	5.00	.50	4.89	---	---	.21	---	10.60
Bent	5.00	.60	4.825	.125	---	1.75	---	12.30
Boulder	5.00	.90	5.605	.125	---	.27	---	11.90
Chaffee	5.00	---	8.00	---	---	2.90	1.10	17.00
Cheyenne	3.61	---	3.52	---	---	---	---	7.13
Clear Creek	5.00	---	8.40	---	---	3.20	---	16.60
Conejos	5.00	.50	5.60	.30	---	1.80	---	13.20
Costilla	5.00	1.50	8.50	.125	---	5.00	---	20.125
Crowley	5.00	1.15	3.40	.10	---	1.00	---	10.65
Custer	5.00	.50	9.00	---	---	1.50	---	16.00
Delta	5.00	5.50	8.23	.32	---	1.35	---	20.40
Denver	3.172	.056	4.322	.125	---	---	---	7.675
Dolores	5.00	1.00	10.00	---	---	9.90	---	25.90
Douglas	4.27	1.75	3.25	.25	---	---	1.00	10.52
Eagle	5.00	1.20	8.20	.125	---	---	.475	15.00
Elbert	5.00	.50	3.775	.125	---	3.20	---	12.60
El Paso	4.90	1.35	5.125	.125	---	---	---	11.50
Fremont	5.00	---	5.40	---	---	---	---	10.40
Garfield	5.00	2.25	6.35	.12	.30	1.90	.08	16.00
Gilpin	5.00	3.00	8.875	.125	---	2.00	---	19.00
Grand	4.20	.50	5.995	.305	.20	2.00	.10	13.30
Gunnison	4.70	.50	5.00	.175	.10	3.925	---	14.40
Hinsdale	5.00	2.00	6.00	---	---	10.35	---	23.35
Huerfano	5.00	1.75	7.625	.125	---	3.00	---	17.50
Jackson	2.30	---	7.55	---	---	.529	---	10.379
Jefferson	5.00	1.46	4.58	.205	.145	1.61	---	13.00
Kiowa	4.08	---	3.72	.12	---	---	---	7.92
Kit Carson	5.00	---	3.42	.03	---	3.00	---	11.45
Lake	4.50	1.50	8.30	.26	---	---	---	14.56
La Plata	5.00	3.50	6.15	.275	---	2.27	---	17.195
Larimer	5.00	2.00	4.56	.16	---	1.78	---	13.50
Las Animas	5.00	1.75	5.79	.14	.11	1.50	.04	14.33
Lincoln	5.00	---	4.50	---	---	1.73	---	11.23
Logan	5.00	.75	3.93	.125	.043	.092	---	9.94
Mesa	5.00	1.51	4.31	.05	---	2.08	---	12.95
Mineral	3.50	---	7.30	.37	---	---	---	11.17
Moffat	5.00	1.50	6.60	---	---	3.90	---	17.00
Montezuma	5.00	1.00	8.50	.37	.07	4.00	.50	19.44
Montrose	5.00	2.87	6.62	.11	.05	2.59	---	17.24
Morgan	5.00	.55	3.85	.125	.125	1.15	---	10.80
Otero	5.00	1.20	3.75	.125	---	.925	---	11.00
Ouray	5.00	---	6.14	---	---	9.46	---	20.60
Park	3.80	.40	5.10	.10	---	.60	---	10.00
Phillips	5.00	1.00	4.04	.08	.10	.28	---	10.50
Pitkin	5.00	.50	7.00	.125	---	12.00	---	24.625
Prowers	5.00	.50	5.64	.06	---	.30	---	11.50
Pueblo	5.00	.72	3.755	.195	---	.61	---	10.28
Rio Blanco	5.00	1.50	8.50	.35	---	---	---	15.35
Rio Grande	5.00	.95	5.75	---	---	---	---	11.70
Routt	5.00	2.00	5.40	---	---	2.00	---	14.40
Saguache	5.00	---	5.50	---	---	2.00	---	12.50
San Juan	4.00	2.50	9.00	.12	---	2.50	---	18.12
San Miguel	5.00	1.70	8.00	---	---	5.40	---	20.10
Sedgwick	5.00	1.00	3.00	.125	.09	---	---	9.215
Summit	3.00	2.00	7.00	.25	---	---	---	12.25
Teller	5.00	---	8.50	.10	---	5.00	---	18.60
Washington	5.00	.50	5.745	.125	---	---	---	11.37
Weld	5.00	1.00	3.29	---	---	.81	.50	10.60
Yuma	5.00	.50	4.375	.125	---	---	---	10.00

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1933, INCLUSIVE

YEAR	Fruit Land			Irrigated Land			Natural Hey Land			Dry Farming Land			Grazing Land			Total, Including Grazing Land	
	Acres	Value	Val. per Acre	Acres	Value	Val. Per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value
1912	211,042	$4,988,882	$ 23.64	1,613,168	$ 82,355,224	$17.83	189,199	$2,608,029	$13.78	2,494,986	$ 10,147,170	$ 4.06	13,354,970	$21,121,667	$1.58	18,063,365	$ 71,220,962
1913	28,836	6,774,119	284.19	2,248,274	123,778,342	55.05	115,605	2,668,460	23.08	3,363,081	27,300,436	8.14	13,876,229	53,764,276	8.87	19,617,025	214,285,633
1914	23,500	5,899,394	251.03	2,236,000	138,893,406	52.12	190,866	4,539,906	23.78	8,277,919	29,210,497	8.91	15,381,078	67,932,182	4.41	21,109,862	246,480,385
1915	28,818	5,906,723	209.36	2,154,168	143,427,442	66.58	214,242	5,501,942	25.67	3,602,556	33,009,038	9.15	16,284,222	75,928,115	4.66	22,284,101	263,773,260
1916	28,473	5,429,620	190.69	2,173,336	142,635,050	66.10	211,447	5,472,966	25.88	3,644,019	84,935,150	9.58	17,110,263	79,809,582	4.66	23,167,537	268,282,668
1917	29,076	5,467,705	188.05	2,114,917	146,739,916	69.88	247,467	5,509,093	26.80	8,266,507	78,579,563	9.52	13,090,752	66,559,940	5.01	23,748,719	302,956,217
1918	29,394	4,935,880	167.92	2,144,617	152,720,726	71.21	242,626	6,570,620	27.08	8,583,999	107,115,897	12.48	14,129,307	78,018,806	5.52	26,129,943	349,361,929
1919	81,247	5,283,365	169.08	2,246,476	170,817,162	76.04	220,739	6,522,935	29.55	10,002,192	145,972,248	14.69	14,132,159	75,408,676	5.34	26,632,813	404,004,386
1920	32,148	6,415,980	168.47	2,308,415	192,800,890	83.52	228,330	6,679,737	29.25	10,339,797	167,137,261	16.16	15,071,155	88,406,110	5.87	27,970,865	460,438,978
1921	82,084	5,254,095	163.76	2,292,701	191,430,830	83.45	263,396	7,844,393	27.88	11,161,376	178,472,652	15.91	15,593,783	88,303,927	5.66	29,343,340	470,805,897
1922	29,859	5,033,990	168.59	2,263,954	187,874,129	32.76	267,928	7,662,085	28.60	11,037,553	163,490,955	15.25	16,981,618	91,802,094	5.41	30,580,922	460,363,253
1923	80,229	4,937,037	153.82	2,287,653	182,531,436	79.79	272,021	7,714,336	28.36	11,119,294	161,831,776	14.55	18,069,178	92,620,568	5.13	31,758,375	449,635,202
1924	81,378	4,781,405	152.38	2,253,966	179,336,632	79.56	260,658	7,539,590	28.92	11,054,786	151,314,043	13.68	19,032,970	90,409,339	4.75	32,633,747	433,381,009
1925	30,852	4,480,357	147.61	2,283,110	173,219,787	75.87	261,525	7,631,229	29.18	11,640,466	150,057,870	12.89	19,552,156	82,460,126	4.22	33,767,609	417,849,369
1926	24,783	3,671,270	148.14	2,224,443	171,002,084	76.87	347,446	8,908,931	25.64	11,473,210	147,264,503	12.84	20,317,793	82,573,584	4.06	34,387,575	413,420,372
1927	20,045	3,297,155	163.99	2,249,196	169,851,231	75.51	328,920	8,594,150	26.43	11,559,097	143,889,054	12.45	20,724,216	81,135,763	3.92	34,881,473	406,857,363
1928	20,515	3,230,062	157.46	2,239,622	165,644,976	73.96	330,990	8,628,409	26.07	11,392,036	137,717,586	12.09	21,179,940	77,736,048	3.67	35,163,103	392,956,080
1929	20,771	3,177,746	152.99	2,192,666	166,980,644*	72.52	347,852	8,584,723	24.68	11,385,796	129,614,067	11.38	20,800,067	75,554,485	8.63	34,747,152	383,811,664
1930	20,214	3,212,568	158.93	2,163,704	153,447,779	70.92	855,192	8,504,900	23.95	11,516,528	124,829,179	10.84	20,836,658	72,514,306	8.48	34,892,281	362,508,726
1931	20,793	2,663,410	127.00	2,102,843	120,674,011	57.39	391,427	7,255,124	18.53	11,478,779	101,102,771	8.81	21,200,866	58,561,774	2.76	35,194,697	290,247,090
1932	20,526	2,553,756	124.42	2,113,789	108,399,022	51.28	373,829	6,920,791	18.51	11,516,714	91,378,898	7.94	21,863,430	56,539,049	2.64	35,877,288	264,701,513
1933	19,367	2,040,156	106.40	2,143,004	91,726,376	42.80	373,052	6,026,558	16.15	10,612,860	70,197,895	6.61	23,012,183	49,797,860	2.16	36,159,966	219,786,846
Per cent of increase or decrease, 1913-1933	D.18.79	D.69.88	D.62.88	D.4.68	D.25.90	D.22.25	1.222.70	1.125.81	D.30.03	1.316.50	1.157.13	D.18.80	1.65.84	D.7.88	D. 44.19	1.84.33	1.2.57

*Includes waste and seep lands, suburban and mountain home sites.

1912 was the last year in which assessments were on the basis of one-third of actual cash value, and that year's figures are shown only for the purpose of information. In 1913 Colorado first attempted assessment at full cash value, and figures for that year are comparable with figures for subsequent years.

DETAILED ASSESSMENT FOR ALL COLORADO PROPERTY, 1912-1933, INCLUSIVE, BY CLASSES OF PROPERTY

(Assessments by County Assessors, Exclusive of Agricultural Land and Improvements)

Year	Non-Ag. Land and Imp.	Mineral Land and Imp.	Town Lots and Improvements	Livestock, Poultry and Bees	Bicycles, Motorcycles, Automobiles, Planes	Bank Deposits	Ag. Imp., Tractors, Harness	Amount Invested in Mdse.	Capital in Manufacturing	All Other Property	Total Net Assessment by Assessors
1912	$2,630,957	$25,957,136	$168,979,728	$ 18,004,084	$ 2,051,141	$ 698,690	$ 468,314	$16,691,083	$ 3,507,675	$ 48,854,820	$ 361,428,891
1913	5,946,033	62,154,447	366,684,421	52,677,676	4,364,644	2,068,865	3,143,115	39,039,675	10,769,114	75,339,545	859,743,039
1914	5,472,154	60,879,869	375,237,261	61,455,511	5,855,126	12,601,812	6,609,377	39,336,101	8,185,690	78,136,176	912,486,185
1915	5,053,479	56,129,297	374,735,282	72,682,153	7,978,314	11,130,408	7,433,882	40,666,917	12,048,092	78,055,300	936,284,863
1916	5,451,655	60,011,642	378,961,582	81,548,335	11,399,299	13,677,436	7,555,531	41,655,204	19,413,290	79,092,969	967,109,979
1917	7,274,740	60,241,450	379,415,144	93,174,264	17,549,202	18,305,192	9,872,963	55,139,990	25,214,748	92,171,403	*1,057,718,759
1918	7,466,631	59,279,676	381,243,444	114,622,555	26,831.349	20,993,169	9,872,712	79,846,131	29,341,520	109,123,510	1,176,456,535
1919	7,760,066	55,506,510	385,779,834	114,571,936	32,291,605	16,845,540	12,189,286	92,462,521	31,936,595	121,292,271	1,263,436,529
1920	8,650,543	52,417,510	407,973,988	102,802,539	46,479,662	19,341,727	14,379,817	92,129,113	39,428,674	129,308,176	1,362,813,477
1921	8,776,117	51,040,844	418,796,292	68,921,432	51,112,260	8,217,902	14,077,186	87,361,814	41,037,125	95,580,457	1,351,837,539
1922	8,517,485	48,708,999	429,160,986	62,821,752	43,887,596	7,426,325	12,402,950	79,842,423	38,705,447	95,135,555	1,322,490,909
1923	8,258,774	50,426,361	446,281,329	55,741,929	41,108,338	5,963,278	10,570,140	79,756,623	37,350,254	95,777,522	1,315,623,123
1924	7,515,499	49,337,483	462,432,766	48,859,346	43,361,435	8,560,386	9,880,861	80,238,703	39,702,880	91,015,179	1,312,730,329
1925	7,361,755	50,239,825	578,594,338	47,022,156	47,330,833	7,399,164	9,985,955	81,055,785	38,336,462	89,246,313	1,313,345,047
1926	7,013,614	49,242,857	503,718,773	46,406,718	46,035,357	9,262,190	10,190,859	76,264,162	36,716,344	82,902,047	1,320,890,766
1927	6,538,305	48,629,088	513,552,845	49,337,956	48,085,926	8,138,408	10,198,982	76,648,132	37,919,838	84,385,349	1,332,474,176
1928	6,220,581	47,313,344	526,006,389	57,129,404	47,576,260	14,281,445	10,467,523	77,131,541	37,390,163	83,413,727	1,334,532,680
1929	6,262,518	43,956,226	529,374,806	62,350,561	53,685,246	15,277,173	10,646,398	73,714,596	12,464,438	145,258,142	1,346,068,169
1930	5,949,437	42,988,351	532,111,032	55,726,631	50,642,770	18,049,516	11,341,646	74,751,964	13,495,823	163,095,521	1,333,377,923
1931	4,895,018	40,011,139	502,319,294	46,055,268	45,353,804	18,296,101	11,360,400	66,090,039	10,752,855	162,494,908	1,187,137,926
1932	4,180,415	35,115,690	468,398,546	31,062,611	36,162,595	14,033,655	8,966,556	55,900,831	7,785,740	146,627,001	1,067,353,950
1933	3,722,863	28,889,691	390,548,670	26,398,311	27,123,115	14,239,747	7,868,555	51,393,675	--------	137,594,775	900,562,445
Per Cent of increase or decrease, 1913 to 1933	D. 37.39	D. 53.52	I. 6.51	D. 49.89	I. 521.43	I. 588.29	I. 150.34	I. 31.64	--------	I. 82.64	I. 4.75

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

Note—Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

ASSESSMENTS OF PUBLIC UTILITIES BY COLORADO TAX COMMISSION, 1912 TO 1933

Year	RAILROADS			TELEPHONE LINES			TELEGRAPH LINES			All Other Property	Total by Tax Commission	Total Assessment Including County Assessors'
	Miles	Value	Val. Per Mile	Miles	Value	Val. Per Mile	Miles	Value	Val. Per Mile			
1912	5,364	$ 54,567,795	$10,172	214,878	$ 3,872,576	$18.02	29,090	$ 906,110	$31.15	$ 1,665,128	$ 61,011,609	$ 422,440,500
1913	5,655	174,774,505	30,906	247,283	10,842,640	43.85	28,252	1,507,070	53.34	73,117,780	260,241,995	1,119,985,034
1914	5,814	179,460,890	30,867	253,524	10,842,490	42.77	28,304	1,495,600	52.84	71,871,005	263,669,985	1,176,156,170
1915	5,604	173,499,550	30,959	255,407	10,558,510	41.34	28,279	1,477,640	52.25	68,149,950	253,685,650	1,189,970,513
1916	5,588	168,911,680	30,227	276,498	12,741,550	46.08	28,008	1,607,850	57.41	59,190,084	242,451,164	1,209,561,143
1917	5,587	169,796,900	30,391	278,072	12,890,130	46.35	28,055	2,050,320	73.08	62,830,300	247,567,650	1,305,286,409
1918	5,542	169,086,470	30,510	285,074	12,666,340	44.43	26,114	2,184,780	83.66	61,719,150	245,656,740	1,422,113,275
1919	5,500	165,833,130	30,151	307,613	12,722,800	41.36	26,916	2,221,400	82.53	50,999,800	231,777,130	1,495,213,659
1920	5,406	161,677,790	29,907	520,351	12,976,670	24.94	25,456	2,390,850	93.92	50,408,880	227,454,190	1,590,267,667
1921	5,327	160,314,680	30,094	321,374	13,214,700	41.12	26,020	2,431,240	93.44	50,458,340	226,418,960	1,578,256,499
1922	5,164	160,487,820	31,078	333,567	13,332,880	39.97	26,809	2,386,820	89.03	49,919,450	226,126,970	1,548,617,879
1923	5,087	160,693,730	31,589	371,700	13,544,500	36.44	27,724	2,484,100	89.60	51,244,150	227,966,480	1,543,589,603
1924	5,459	160,669,940	29,432	416,136	13,879,710	33.35	26,971	2,505,740	92.91	50,714,760	227,770,150	1,540,500,479
1925	5,045	160,404,460	32,516	421,731	13,945,600	33.07	28,113	2,479,000	88.18	50,558,380	227,387,440	1,540,732,487
1926	5,036	158,898,470	31,552	469,564	14,146,180	30.12	28,283	2,634,790	93.16	50,259,840	225,939,280	1,546,830,046
1927	4,826	164,118,640	34,007	493,100	14,313,420	29.03	28,306	2,669,170	94.30	51,715,260	232,816,490	1,565,290,666
1928	4,995	161,387,910	32,309	490,555	14,499,940	29.56	27,852	2,639,930	94.79	54,499,920	233,027,700	1,577,560,380
1929	4,992	165,567,770	33,168	447,853	15,676,400	35.00	27,931	2,658,390	95.18	56,949,040	240,851,600	1,586,919,769
1930	4,961	172,658,060	34,803	478,850	16,686,810	34.85	27,394	2,678,680	97.78	61,061,430	253,084,980	1,586,462,903
1931	4,973	170,411,240	34,267	504,175	17,279,370	34.27	29,217	2,559,430	87.60	61,060,105	251,310,145	1,438,448,065
1932	4,970	141,069,820	28,384	507,751	15,172,370	29.88	29,304	1,943,210	66.31	55,024,540	213,209,940	1,280,563,890
1933	4,956	130,518,610	26,335	520,913	14,290,320	27.43	29,657	1,712,240	57.73	52,520,275	199,041,445	1,099,603,890
Per cent of increase or decrease, 1913 to 1933	D.12.36	D.25.32	D.14.79	I.110.65	I.31.80	D.37.45	I.4.97	I.13.61	I.8.23	D.39.22	D23.52	D.1.82

Note—Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

COMPARISON OF INCREASES OR DECREASES IN ASSESSMENTS, 1913 AND 1933

Classes of Property	Acres or Miles Per Cent		Total Value Per Cent		Av. Value Per Acre or Per Mile Per Cent	
	Increase	Decrease	Increase	Decrease	Increase	Decrease
Assessments by Assessors:						
Fruit Land	----	18.79	----	69.88	----	62.88
Irrigated Land	----	4.68	----	25.90	----	22.25
Natural Hay Land	222.70	----	125.81	----	----	30.03
Dry Farming Land	316.50	----	157.13	----	----	18.80
Grazing Land	65.84	----	----	7.38	----	44.19
Total Lands	84.33	----	2.57	----	----	44.32
Non-Ag. Land and Improvements	----	----	----	37.39	----	----
Mineral Land and Improvements	----	----	----	53.52	----	----
Town Lots and Improvements	----	----	6.51	----	----	----
Livestock, Poultry and Bees	----	----	----	49.89	----	----
All Motor Vehicles	----	----	521.43	----	----	----
Bank Deposits	----	----	588.29	----	----	----
Agricultural Implements	----	----	150.34	----	----	----
Money in Merchandise	----	----	31.64	----	----	----
Capital in Manufacturing	----	----	----	----	----	----
All Other Property	----	----	82.64	----	----	----
Total by Assessors	----	----	4.75	----	----	----
Assessments by Tax Commission:						
Railroads	----	12.36	----	25.32	----	14.79
Telegraph Lines	4.97	----	13.61	----	8.23	----
Telephone Lines	110.65	----	31.80	----	----	37.45
All Other Property	----	----	----	39.22	----	----
Total by Tax Commission	----	----	----	23.52	----	----
Total Assessment for State	----	----	----	1.82	----	----

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1933, INCLUSIVE

	General State		State University		Agricultural Coll.		School of Mines	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912	2.30950	$ 975,380	0.40000	$ 168,923	0.20000	$ 84,466	0.20000	$ 84,466
1913	0.71920	939,623	0.13650	178,264	0.06820	89,132	0.06820	89,132
1914	0.75220	985,059	0.14275	186,942	0.07138	93,471	0.06800	89,050
1915	0.73000	911,887	0.20450	255,386	0.14480	180,928	0.07150	89,268
1916	0.70000	848,159	0.20450	247,719	0.14480	175,497	0.07150	86,585
1917	0.80230	1,047,218	0.39170	511,385	0.30340	396,011	0.08840	115,374
1918	0.74500	1,059,745	0.38660	549,788	0.30150	428,767	0.08270	117,609
1919	0.86540	1,294,017	0.38660	578,050	0.28650	428,379	0.08270	123,654
1920	0.85720	1,363,177	0.38360	607,800	0.28430	450,444	0.08180	130,084
1921	0.89310	1,409,463	0.74770	1,179,496	0.42440	670,784	0.13290	209,798
1922	0.91840	1,422,188	0.74770	1,157,338	0.42440	658,194	0.13290	205,858
1923	0.88520	1,366,081	0.59770	922,380	0.41780	644,768	0.13290	205,139
1924	0.65570	1,010,137	0.59770	920,757	0.42530	655,292	0.13290	204,779
1925	0.64950	1,000,706	0.59770	920,895	0.41780	643,733	0.13290	204,810
1926	0.53016	820,047	0.60324	933,086	0.42004	649,716	0.13842	214,107
1927	0.65082	1,018,723	0.61989	970,308	0.38132	596,877	0.17534	274,458
1928	0.52892	834,403	0.61989	977,914	0.38132	601,555	0.17534	276,609
1929	1.02672	1,629,240	0.61989	983,666	0.38132	605,094	0.17534	278,236
1930	1.04172	1,652,650	0.61989	983,433	0.38132	604,950	0.17534	278,170
1931	0.94172	1,354,615	0.61989	891,680	0.38132	548,509	0.17534	252,217
1932	0.91332	1,169,565	0.61989	793,809	0.38132	488,305	0.17534	224,534
1933	0.59182	650,768	0.61989	681,633	0.38132	419,301	0.17534	192,805

Note.—General State includes ordinary governmental costs and the cost of maintenance and operation of the Capitol buildings. State University includes the university and Colorado General hospital Agricultural College includes the college, the experiment station and Fort Lewis school. School of Mines includes the experiment station. All building levies for the educational institutions are included with maintenance and operation levies, but some of them have special funds not included in the ordinary state levy and hence not included here.

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1933, INCLUSIVE—Continued

	Teachers College		Western State Coll.		Insane Hospital		Deaf & Blind School	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912	0.20000	$ 84,466	------	-------	0.20000	$ 84,466	0.20000	$ 84,466
1913	0.06820	89,132	------	-------	0.06820	89,132	0.06820	89,132
1914	0.07138	93,471	------	-------	0.07138	93,471	0.07138	93,471
1915	0.10230	127,838	0.03000	$ 37,476	0.07480	93,485	0.10230	127,838
1916	0.10230	124,000	0.03000	36,351	0.07480	90,679	0.10230	124,000
1917	0.19590	255,692	0.06500	84,843	0.27300	356,278	0.10040	131,116
1918	0.19400	275,890	0.06500	92,438	0.26600	378,282	0.09400	133,679
1919	0.19400	290,072	0.08000	119,617	0.26600	397,727	0.09400	140,550
1920	0.19250	305,013	0.07600	125,868	0.26300	418,240	0.09300	147,895
1921	0.27490	433,656	0.10280	162,107	0.26530	418,711	0.13820	218,115
1922	0.27490	425,515	0.10280	159,063	0.26530	410,848	0.13820	214,019
1923	0.27500	424,305	0.09530	147,037	0.26530	409,414	0.13820	213,272
1924	0.27500	423,561	0.09530	146,777	0.26530	408,695	0.13820	212,897
1925	0.27500	423,624	0.11030	169,912	0.26530	408,756	0.13820	212,929
1926	0.27702	428,493	0.10285	159,088	0.26822	414,881	0.14022	216,891
1927	0.26042	407,633	0.10044	157,218	0.26822	419,842	0.14022	219,485
1928	0.26042	410,828	0.10044	158,450	0.26822	423,133	0.14022	221,206
1929	0.26042	413,245	0.12544	199,053	0.26822	425,622	0.14022	222,507
1930	0.26042	413,147	0.12544	199,006	0.26822	425,521	0.14022	222,454
1931	0.26042	374,601	0.10044	144,478	0.26822	385,821	0.14022	201,699
1932	0.26042	333,484	0.10044	128,619	0.26822	343,473	0.14022	179,561
1933	0.26042	286,359	0.10044	110,444	0.26822	294,936	0.14022	154,186

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1933, INCLUSIVE—Continued

	Bonds and Interest		Highways		Miscellaneous		State Totals	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Total Levy	Total Revenue
1912	0.27940	$ 117,984	------	-------	0.06670	$ 28,155	4.0556	$1,712,772
1913	0.08290	108,300	------	-------	0.02040	26,600	1.3000	1,698,447
1914	0.12125	158,794	------	-------	0.02028	26,558	1.3900	1,820,287
1915	0.11950	149,280	0.5000	$ 624,600	0.02030	25,334	2.1000	2,623,320
1916	0.11950	144,797	0.5000	605,849	0.02030	24,573	2.0700	2,508,212
1917	0.11950	155,981	0.5000	652,643	0.28040	365,951	3.1200	4,072,492
1918	0.10650	151,455	0.5000	711,057	0.02870	40,815	2.7700	3,939,525
1919	0.09800	146,531	1.0000	1,495,214	0.11680	174,581	3.4700	5,188,392
1920	0.11990	190,673	0.9886	1,572,139	0.13010	206,895	3.4700	5,518,228
1921	0.23180	365,807	0.9973	1,573,932	0.14160	223,544	4.3500	6,865,413
1922	0.27500	425,870	0.9973	1,544,375	0.20310	314,540	4.4800	6,937,808
1923	0.39800	614,198	0.5000	771,606	0.22460	346,620	3.9300	6,064,820
1924	0.39400	606,958	0.5000	770,250	0.22060	339,850	3.7000	5,699,958
1925	0.38600	594,723	0.5000	770,366	0.22730	350,255	3.7000	5,700,709
1926	0.54600	844,549	0.5000	773,396	0.14380	222,475	3.6700	5,676,729
1927	0.54000	845,257	0.5000	782,645	0.20330	318,271	3.8400	6,010,717
1928	0.40190	634,021	0.5000	788,780	0.18330	289,214	3.5600	5,616,113
1929	0.38410	609,505	------	-------	0.27830	441,665	3.6600	5,807,833
1930	0.39410	625,225	------	-------	0.18333	290,846	3.5900	5,695,402
1931	0.41910	602,854	------	-------	0.18333	263,710	3.4900	5,020,184
1932	0.44750	573,052	------	-------	0.18333	234,766	3.4900	4,469,168
1933	0.67900	746,631	------	-------	0.18333	201,590	3.4000	3,738,653

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

COUNTY MILL LEVIES, EXCLUSIVE OF GENERAL AND SPECIAL SCHOOL LEVIES

	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1913
Adams	7.00	5.74	5.74	6.29	6.28	6.36	6.29	5.88	6.05	5.60	5.67	6.32	7.82	0.50	8.00	6.00	4.60
Alamosa	5.00	5.00	5.44	5.82	5.72	5.70	6.18	6.30	6.31	6.22	6.22	5.72	5.75	7.45	7.90	6.25	10.11
Arapahoe	7.00	5.61	5.61	5.67	5.67	6.12	6.42	6.57	5.59	4.82	4.97	5.82	4.50	4.50	4.50	4 00	5.89
Archuleta	9.40	5.00	7.10	7.55	8.55	10.65	8.55	7.45	9.04	8.65	8.65	8.10	7.10	11.50	11.75	11.15	11.50
Baca	5.60	6.01	6.51	7.41	7.34	7.44	6.16	6.33	6 30	4.50	5.40	6.12	6.75	7.25	0.53	6.40	7.50
Bent	7.30	5.10	7.12	7.80	7.39	6.42	6.48	6.17	5.32	4.75	5.283	5.07	7.66	5.575	9.05	7.22	7.61
Boulder	6.90	5.00	5.00	6.31	7.24	6.34	6.21	5.775	5.925	6.375	5.875	6.175	6.375	7.23	7.23	6.23	6.00
Chaffee	2 01	10.50	10.50	11.30	12.00	7.60	7.55	8.75	8.75	8.55	7.70	8.65	7.00	8.50	8.50	7.00	6.10
Cheyenne	3.52	2.78	11.40	10.40	10.50	9.86	10.60	10.10	10.60	8.90	9.90	7.90	7.90	11.90	11.40	9.90	13.20
Clear Creek	11.60	10.80	8.50	10.00	12.00	0.61	10.20	10.30	9.50	9.55	9.85	8.50	8.55	8.55	8.55	8.55	6.53
Conejos	8.20	8.00	15.00	14.00	14.00	14.50	14.50	14.50	14.50	15.40	15.20	15.68	11.00	10.50	10.00	9.05	9 60
Costilla	15.125	14 90	4.00	3.65	4.45	5.80	5.65	5.59	6.64	6.64	7.63	5.64	6.07	8.00	7.20	5.90	4.80
Crowley	5.65	5.00	10.00	10.00	10.50	9.00	8.30	8.50	8.00	9.50	8.50	9.50	10.025	9.60	9.60	7.50	8.00
Custer	11.00	10 00															
Delta	15.40	11.90	12.30	12.84	12.45	12.03	10.22	8.64	8.64	6.91	6.78	6.36	8.00	10.00	6.50	4.80	5.13
Denver	4.503	4.615	4.755	4.77	4.742	4.742	4.707	4.597	4.855	4.627	3.765	2.51	2.16	2.38	4.26	4.15	0.66
Dolores	20.90	19.40	19.40	19.40	19.40	18.90	22.90	22.90	22.90	18.90	18.90	18.20	17.80	17.80	12.80	9.80	11.90
Douglas	6.25	5.60	6.10	6.10	6.10	6.10	6.10	6.10	5.90	5.90	6.95	5.70	5.70	10.32	8.92	7.91	6.86
Eagle	10.00	10.60	11.60	11.60	11.50	11.00	11.00	12.00	12.50	12.50	15.10	16.11	16.11	14.46	12.70	11.00	8.00
Elbert	7.60	5.82	5.81	5.07	4.91	4.38	4.97	4.93	6.62	4.715	5.38	6.41	6.41	6.986	7.116	5.64	5.30
El Paso	6.60	5.22	4.75	4.75	5.00	5.00	4.48	4.50	5.00	5.00	5.50	6.30	6.30	8.16	8.22	6.47	4.77
Fremont	5.40	5.41	5.71	5.92	6.34	6.34	7.66	7.63	7.80	7.60	7.37	6.95	8.05	9.53	9.53	7.70	5.88
Garfield	11.00	10.00	11.00	11.00	11.00	12.00	12.35	12.00	14.38	8.30	10.50	10.40	12.20	11.10	10.30	9.80	7.72
Gilpin	14.00	13.50	18.00	13.00	12.50	12.50	12.50	12.50	12.50	12.50	12.50	14.50	14.50	15.00	15.00	15.00	12.00
Grand	9.10	7 525	7.95	8.04	9.08	8.85	7.51	11.30	9.65	10.20	11.80	10.95	12.10	13.625	14.80	10.30	8.86
Gunnisun	9.70	8.74	8.74	8.74	8.75	9.35	7.29	7.345	7.18	4.18	7.74	8.15	6.35	8.10	8.00	8.40	9.70
Hinsdale	18.35	14.85	17.35	19.00	27.25	27.25	24.00	24.00	24.00	25.00	21.05	20.50	19.50	13.50	18.00	16.75	18.00
Huerfano	12.50	10.30	10.30	11.30	10.30	11.85	8.75	10.75	10.28	8.02	8.50	8.50	11.50	10.50	10.50	0.20	9.70
Jackson	8.079	6.50	4.40	4.40	5.45	5.70	6.15	6.60	8.95	4.45	4.70	6.00	5.70	8.46	7.04	5.56	7.72
Jefferson	8.00	6.51	7.11	7.11	7.08	8.19	8.16	7.83	6.80	5.60	4.87	4.50	4.89	7.23	7.20	6.40	6.00
Kiowa	3.84	4.30	4.30	1.41	1.34	.32	4.13	4.03	3.85	3.65	3.65	3.46	3.30	4.00	4.00	3.40	3.70
Kit Carson	6.45	5 07	5.09	6.09	5.48	4.50	4.50	4.50	4.50	4.43	4.00	4.50	4.92	7.25	7.25	5.13	3.23
Lake	10.06	10.26	13.31	11.61	11.44	11.44	10.725	13.425	13.425	9.80	9.67	9.12	11.75	15.03	14.93	14.63	13.70
La Plata	12.195	10.105	9.97	9.39	9.55	9.00	10.350	8.43	8.83	7.81	7.84	7.83	7.83	10.87	9.87	7.13	6.50
Larimer	8.50	6.55	7.88	8.39	8.50	8.37	7.43	7.15	7.37	7.50	6.25	6.00	6.65	7.93	6.62	6.20	6.30
Las Animas	9.33	7.00	8.30	7.30	7.17	5.80	5.80	5.80	5.80	7.25	7.87	7.11	6 98	7.95	8.10	6.15	4.06
Lincoln	6.23	5.51	5.67	5.67	5.63	5.46	5.41	4.60	4.54	3.70	4.66	4.48	4.85	4.85	4.98	4.57	4.95
Logan	4.94	4.42	6.01	6.32	6.50	7.29	6.11	4.72	4.63	3.68	4.22	4.83	0.195	10.60	10.40	9.73	6.70
Mesa	7.95	5.95	7.00	7.00	7.00	7.00	7.60	7.60	7.60	7.60	8.60	7.53	8.41	7.76	8.70	6.57	5.20
Mineral	7.67	7.67	7.67	8.67	9.17	9.17	10.67	10.97	11.37	11.37	11.37	11.37	10.87	17.52	16.75	16.25	12 25
Moffat	12.00	12.00	12.00	13.25	13.25	12.00	12.00	10.425	9.75	10.25	10.25	8.90	10.60	12.72	12.60	12.20	9.10
Montezuma	14.44	14.53	14.63	13.63	12.32	13.12	13.75	13.65	13.75	13.26	13.48	11.77	12.77	14.90	14.93	14.68	9.00
Montrose	12.24	10.385	11.18	11.92	12.27	11.23	10.30	9.94	10.38	8.27	8.56	8.66	8.92	12.19	11 67	10.16	9.30
Morgan	5.80	3.51	4.65	6.97	7.14	7.152	6.75	3.78	4.57	2.65	2.94	3.738	1.73	10.53	8.53	6.23	6.34
Otero	6.00	5.34	4.95	4.95	4.95	4.20	4.50	4.50	4.50	5.00	5.00	5.22	5.05	5 24	5.83	5.03	7 65
Ouray	15.60	13.80	14.10	13.60	13.00	14.00	14.825	15.20	15.70	15.45	16.85	16.55	14.85	18.15	16.65	14.45	12 70
Park	6.20	5.80	6.40	4.80	7.00	7.00	7.00	6.50	7.00	8.00	7.00	8.00	7.75	9.00	9.00	9.30	6.30
Phillips	5.50	4.36	4.90	4.92	4.67	4.34	5.15	4.88	5.18	3.29	3.41	3.325	3.325	9.835	7.32	5.55	4.87
Pitkin	19.625	16.00	14.00	16.00	18.00	16.625	18.00	16.00	18.00	14.75	17.90	13.50	16.00	20.50	21.00	18.50	16 62
Prowers	6.50	7.57	6.90	7.02	7.13	6.35	4.85	4.85	4.85	4.855	4.91	5.50	5.70	7.10	7.10	6.00	6.60
Pueblo	5.28	5.02	4.46	4.46	4.66	4.67	4.67	5.15	5.15	5.15	6.35	5.85	6.75	6.00	6.00	5.00	5.90
Rio Blanco	10.35	8.56	9.06	9.16	9.21	8.49	8.31	10.53	8.25	8.15	8.37	8.52	8.15	13.03	11.53	10 23	8.95
Rio Grande	6.70	5.25	6.00	7.75	8.20	6.20	5.70	4.45	4.95	9.95	7.50	7.35	8.60	7.60	5.60	5.30	7.70
Routt	9.40	7.90	7.90	7.95	7.95	6.25	5.85	5.85	5.90	6.10	8.75	7.25	6.00	12.45	10.55	9.50	6.50
Saguache	7.50	5.00	6.00	7.40	7.40	7.00	7.00	5.90	5.90	6.75	7.24	6.18	6.04	11.60	7.35	6.95	6.70
San Juan	14.12	12.62	13.32	12.90	12.08	11.54	12.43	12.50	12.40	12.40	12.28	12.33	12.58	12.65	11.00	12.25	15.50
San Miguel	15.10	15.51	17.51	13.41	17.34	13.84	15.26	18.33	14.55	12.05	11.82	11.82	13.65	13.65	14.436	11.80	10.75
Sedgwick	4.215	4.365	5.95	6.05	8.76	8.282	7.086	8.244	5.05	3.69	4.67	6.456	5.412	10.42	8.365	5.30	8.49
Summit	9.25	8.875	10.375	10.38	10.375	10.00	9.125	8.375	8.375	8.50	8.125	8.125	10.125	13.125	7.50	6.50	6.20
Teller	13.60	13.10	13.10	13.10	13.10	13.10	18.10	13.10	13 232	13.10	13.30	12.10	12.10	13.30	13.08	11.42	11.00
Washington	6.37	5.65	5.15	7.40	5.25	4.50	4.25	6.00	7.20	7.25	4.50	4.50	4.50	9.00	7.75	4.90	4.60
Weld	5.60	4.11	4.21	6.48	6.71	6.71	5.67	6.154	5.20	5.20	4.97	5.04	6.41	7.83	5.53	5.23	3.50
Yuma	5.00	4.25	4.25	4.50	4.50	4.50	4.50	4.80	5.50	5.60	5.70	5.81	5.768	6.78	6.13	6.03	6.42
State Levy	3.40	3.49	3.49	3.59	3.66	3.56	3.81	3.67	3.70	3.70	3.93	4.48	4.35	3.47	3.47	2.77	1.3
Assessed Val.	$1,101,528,398	$1,284,257,098	$1,447,169,719	$1,590,674,097	$1,586,919,769	$1,577,560,380	$1,565,290,565	$1,546,830,046	$1,540,732,487	$1,540,500,479	$1,547,268,764	$1,550,752,317	$1,584,005,497	$1,593,599,684	$1,498,761,128	$1,424,921,288	$1,306,391,296

FARM TAXES IN COLORADO IN 1929, BY COUNTIES

(Compiled from Census Reports)

Note—Taxes shown in this table are the amounts paid in 1929 on farms operated by full owners.

COUNTY	Farms Operated by Full Owners		Value of Land and Buildings on Farms Reporting Taxes	Taxes			
					On Land and Buildings Only		
	Total	Reporting Taxes		On All Farm Property	Amount	Average Per Acre	Ratio Taxes to Value (%)
Adams	892	814	$ 7,964,571	$ 113,356	$ 97,512	$0.77	1.22
Alamosa	253	181	1,974,665	34,720	27,451	0.67	1.39
Arapahoe	617	443	4,289,542	51,115	45,373	0.98	1.06
Archuleta	256	188	848,285	17,187	10,801	0.18	1.27
Baca	693	511	4,169,422	47,999	35,865	0.14	0.86
Bent	328	226	2,341,282	38,526	31,016	0.37	1.32
Boulder	802	647	6,571,757	90,819	79,867	1.04	1.22
Chaffee	193	165	1,404,130	23,432	17,987	0.54	1.28
Cheyenne	172	162	1,440,233	20,148	14,986	0.13	1.04
Clear Creek	19	12	124,800	667	477	0.19	0.38
Conejos	875	662	3,182,752	79,589	58,614	0.66	1.84
Costilla	334	242	919,234	20,167	15,121	0.56	1.64
Crowley	167	144	965,898	19,906	16,493	0.61	1.71
Custer	251	228	1,330,160	25,068	19,127	0.18	1.44
Delta	1,022	892	5,423,750	124,289	94,536	1.20	1.74
Denver	174	117	979,425	20,389	16,066	29.97	1.64
Dolores	118	88	191,095	5,392	3,742	0.15	1.96
Douglas	193	168	2,681,295	30,633	21,941	0.19	0.82
Eagle	247	191	2,001,715	44,650	29,024	0.41	1.45
Elbert	419	386	3,666,210	58,608	42,302	0.19	1.15
El Paso	540	486	4,314,324	72,008	59,756	0.34	1.39
Fremont	799	671	3,255,113	58,775	49,988	0.57	1.54
Garfield	612	514	4,181,645	100,646	69,402	0.60	1.66
Gilpin	18	12	54,560	689	436	0.07	0.80
Grand	129	115	1,158,960	17,293	12,000	0.17	1.04
Gunnison	290	261	2,657,810	51,662	31,228	0.25	1.17
Hinsdale	31	25	181,250	3,602	1,980	0.23	1.09
Huerfano	495	374	2,084,852	41,048	27,957	0.17	1.34
Jackson	101	85	1,096,810	15,247	8,309	0.10	0.76
Jefferson	1,199	1,051	10,882,845	133,764	116,115	0.99	1.07
Kiowa	216	192	1,394,030	16,647	13,800	0.15	0.99
Kit Carson	382	348	2,487,245	44,281	35,543	0.24	1.43
Lake	24	19	93,235	1,763	946	0.14	1.01
La Plata	609	467	2,506,040	54,250	39,437	0.35	1.57
Larimer	906	751	9,677,610	150,677	124,167	0.85	1.28
Las Animas	862	587	2,541,764	46,947	35,060	0.11	1.38
Lincoln	314	292	2,573,030	41,384	34,592	0.23	1.34
Logan	433	333	3,876,848	75,252	61,669	0.52	1.59
Mesa	1,766	1,455	9,554,839	196,874	157,766	0.87	1.65
Mineral	31	7	140,000	1,598	959	0.25	0.69
Moffat	494	400	2,249,114	38,932	26,879	0.13	1.20
Montezuma	579	434	2,102,660	54,887	35,646	0.43	1.70
Montrose	639	517	3,133,309	77,646	53,474	0.52	1.71
Morgan	509	390	4,701,537	81,890	61,372	0.58	1.31
Otero	538	396	3,354,980	73,986	60,901	1.13	1.82
Ouray	125	111	972,448	21,007	15,680	0.26	1.61
Park	229	159	1,335,359	15,762	11,425	0.11	0.86
Phillips	153	121	1,593,480	25,799	23,054	0.53	1.45
Pitkin	135	118	1,097,575	30,725	23,462	0.59	2.14
Prowers	462	377	3,211,710	61,433	50,363	0.43	1.57
Pueblo	720	630	4,431,367	67,846	57,181	0.53	1.29
Rio Blanco	287	242	2,296,828	48,462	33,225	0.22	1.45
Rio Grande	354	274	5,611,050	100,257	82,028	1.16	1.46
Routt	490	429	2,968,664	57,378	41,599	0.27	1.40
Saguache	278	215	2,249,700	47,152	30,598	0.32	1.36
San Juan	---	---	---	---	---	---	---
San Miguel	147	103	540,154	14,365	9,327	0.21	1.73
Sedgwick	131	119	1,795,805	28,076	22,056	0.57	1.23
Summit	41	39	422,800	5,789	4,063	0.24	0.96
Teller	147	107	504,386	7,570	5,907	0.13	1.17
Washington	395	367	2,413,420	46,119	38,570	0.23	1.60
Weld	1,668	1,355	16,756,759	300,637	244,365	0.86	1.46
Yuma	626	523	4,809,340	87,883	73,556	0.29	1.53
State	26,929	21,938	$185,735,476	$3,284,668	$2,564,142	$0.41	1.38

FARM TAX DELINQUENCY IN TWENTY AGRICULTURAL COUNTIES IN COLORADO

By G. S. Klemmedson, State Supervisor

Federal CWA Project No. F-6, Bureau of Agricultural Economics and Colorado Agricultural Experiment Station

COUNTY	Year Taxes Were Levied	Area of Agricultural Land Delinquent for Taxes		Assessed Valuation of Real Estate (Land and Buildings)		General Property Taxes Delinquent During Year
		Acres	Per Cent of Total	Amount Delinquent	Per Cent of Total	Amount
Alamosa	1932	205,667	65.5	$ 2,290,688	63.6	$ 54,463
	1931	188,988	63.0	1,785,509	48.5	53,216
	1930	129,955	41.1	1,693,062	36.9	40,555
	1929	108,021	33.5	1,170,459	25.1	30,136
	1928	94,294	29.4	1,030,938	21.8	23,943
Baca	1932	525,106	34.3	2,372,295	33.1	55,988
	1931	525,793	24.3	2,306,618	32.2	56,790
	1930	239,938	15.6	1,375,371	16.7	34,604
	1929	95,253	6.2	518,913	6.0	13,123
	1928	111,689	7.3	622,455	7.2	15,573
Boulder	1932	135,806	52.4	4,738,098	47.9	101,649
	1931	121,830	46.5	4,749,262	43.7	95,775
	1930	96,914	37.1	4,618,905	36.8	98,417
	1929	83,577	31.6	3,754,046	29.9	82,459
	1928	58,644	22.6	2,458,567	18.8	51,338
Conejos	1932	212,799	82.5	3,200,867	80.2	92,620
	1931	196,179	76.0	2,911,988	73.4	86,353
	1930	145,417	56.5	2,727,769	54.9	83,530
	1929	153,393	59.8	2,564,867	51.8	86,148
	1928	120,180	47.6	2,484,556	50.5	77,614
Crowley	1932	313,564	73.0	2,444,943	67.3	66,604
	1931	290,920	68.2	3,259,564	69.7	72,882
	1930	190,862	44.8	3,006,525	53.1	71,931
	1929	202,691	47.6	2,821,405	46.6	68,505
	1928	179,052	42.7	2,283,510	38.8	71,102
El Paso	1932	604,027	61.4	4,318,260	54.2	120,380
	1931	477,345	48.2	3,405,463	44.2	98,415
	1930	449,539	45.5	3,925,430	35.0	108,312
	1929	407,821	41.2	3,651,014	35.0	97,666
	1928	398,995	40.2	3,546,003	32.5	97,478
La Plata	1932	265,369	67.3	1,913,570	54.8	62,796
	1931	235,416	54.7	1,911,630	50.5	61,455
	1930	215,214	49.8	2,261,474	48.2	67,372
	1929	178,496	40.9	1,949,936	40.9	57,338
	1928	168,685	39.8	1,822,295	36.6	51,831
Larimer	1932	461,752	61.0	7,370,336	59.1	174,666
	1931	401,954	52.7	6,845,806	50.6	163,399
	1930	324,365	42.6	6,600,512	33.1	158,724
	1929	304,072	39.9	6,314,720	35.1	153,383
	1928	275,213	36.1	5,776,718	30.7	143,430
Las Animas	1932	1,077,308	40.8	1,892,731	21.6	42,126
	1931	581,715	22.5	1,884,755	21.1	54,058
	1930	311,325	12.1	1,279,811	12.0	35,452
	1929	187,227	7.1	769,918	7.4	20,435
	1928	109,616	4.3	461,017	4.6	14,182
Lincoln	1932	1,048,062	69.9	5,709,106	70.1	141,830
	1931	917,579	61.7	5,662,696	62.4	142,688
	1930	801,486	53.6	6,187,232	54.6	149,784
	1929	723,393	48.3	6,659,512	49.5	152,035
	1928	508,452	34.0	6,414,399	46.7	141,225
Logan	1932	675,708	68.2	7,938,029	65.4	189,650
	1931	639,678	64.6	8,428,812	62.6	196,306
	1930	537,923	54.4	8,741,230	51.4	202,182
	1929	513,800	52.0	8,599,073	49.9	195,024
Mesa	1932	264,409	53.8	4,488,843	52.0	243,765
	1931	263,018	54.4	4,378,702	48.8	257,443
	1930	208,280	43.3	4,303,499	38.2	241,497
	1929	192,139	40.5	3,854,861	35.1	200,821
	1928	150,511	32.9	3,368,918	30.2	186,131

FARM TAX DELINQUENCY IN TWENTY AGRICULTURAL COUNTIES IN COLORADO —Continued

By G. S. Klemmedson, State Supervisor

Federal CWA Project No. F-6, Bureau of Agricultural Economics and Colorado Agricultural Experiment Station

COUNTY	Year Taxes Were Levied	Area of Agricultural Land Delinquent for Taxes		Assessed Valuation of Real Estate (Land and Buildings)		General Property Taxes Delinquent During Year
		Acres	Per Cent of Total	Amount Delinquent	Per Cent of Total	Amount
Moffat	1932	761,087	75.0	$ 2,195,570	72.7	$ 62,604
	1931	720,948	72.1	2,320,165	74.0	66,206
	1930	512,464	52.2	2,129,935	54.2	61,010
	1929	485,208	50.5	1,986,604	49.2	56,211
	1928	457,937	48.7	1,922,887	47.1	52,665
Montrose	1932	263,596	63.8	2,538,452	63.2	82,503
	1931	191,005	47.0	1,762,567	43.3	58,866
	1930	99,592	24.2	1,191,645	29.2	41,265
	1929	73,147	18.0	953,833	18.3	29,953
	1928	67,237	16.9	766,169	14.3	25,420
Otero	1932	387,092	61.7	4,284,333	47.0	100,800
	1931	356,101	54.8	5,482,526	54.5	125,083
	1930	340,842	54.7	5,048,684	40.4	116,338
	1929	306,651	49.2	5,503,554	43.4	128,738
	1928	259,273	42.8	4,691,054	40.8	100,561
Prowers	1932	664,535	69.2	6,240,023	68.2	158,240
	1931	561,975	58.1	5,204,041	57.2	129,249
	1930	508,192	52.2	5,810,325	51.4	141,933
	1929	444,554	46.1	5,431,430	45.8	135,688
	1928	451,281	47.1	5,425,918	45.7	122,694
Pueblo	1932	808,942	68.5	4,734,288	25.4	111,698
	1931	653,163	56.7	3,906,982	20.4	82,991
	1930	492,042	42.1	3,875,021	17.7	79,908
	1929	393,792	33.8	3,475,186	15.9	75,416
	1928	440,676	37.8	3,203,824	14.3	69,128
Rio Grande	1932	194,923	88.5	4,067,791	87.2	125,549
	1931	191,914	86.4	3,860,213	81.7	131,315
	1930	156,132	70.9	3,717,897	62.4	129,876
	1929	150,763	68.8	3,020,730	52.2	105,960
	1928	116,961	54.2	2,911,882	60.5	101,702
Washington	1932	1,068,242	72.2	6,021,881	71.3	162,094
	1931	509,842	34.4	2,781,746	32.8	77,675
	1930	251,838	17.0	1,573,331	14.8	45,507
	1929	120,976	8.1	904,226	7.6	21,795
	1928	106,883	7.2	944,000	6.8	21,520
Weld	1932	1,419,776	62.3	21,631,330	63.0	528,380
	1931	1,289,517	56.5	21,469,330	56.1	505,467
	1930	1,078,670	47.3	21,146,700	44.4	550,609
	1929	1,071,326	47.0	21,094,550	42.6	559,457
	1928	1,023,966	45.2	19,578,520	39.5	509,261
Total Twenty Agricultural Counties in Colorado	1932	11,357,770	60.6	100,391,434	55.4	2,678,405
	1931	9,314,880	49.8	94,318,375	47.8	2,515,632
	1930	7,090,990	38.0	91,214,358	38.5	2,458,806
	1929	6,196,300	33.2	84,998,837	34.7	2,270,791
	1928	5,613,345	30.4	78,312,700	31.6	2,071,822
Estimated for all Counties in Colorado (based on results in twenty counties)	1932	21,757,756	60.6	186,963,777	55.4	5,130,936
	1931	18,043,084	49.8	174,838,598	47.8	4,872,824
	1930	13,586,314	38.0	173,484,379	38.5	4,711,054
	1929	11,806,083	33.2	160,824,934	34.7	4,326,634
	1928	10,679,034	30.4	150,721,083	31.6	3,941,514

Note: Agricultural land includes improved fruit land, irrigated, natural hay, dry farming, and grazing land. Montrose county includes land and improvements on public and state lands, and equities in state and school lands. Delinquent taxes do not include special assessments.

FARM TAX SALES IN TWENTY AGRICULTURAL COUNTIES OF COLORADO, 1920 TO 1933

By G. S. Klemmedson, State Supervisor

Federal CWA Project No. F-6, Bureau of Agricultural Economics and Colorado Agricultural Experiment Station

COUNTY	Year Sold for Taxes	Area of Agricultural Land Sold for Taxes		Assessed Valuation of Real Estate (Land and Bldgs.)		Consideration or Amount Involved
		Acres	Per Cent of Total	Amount	Per Cent	
Alamosa	1933	205,866	65.5	$ 2,305,161	64.0	$ 124,504
	1932	199,409	66.7	2,216,393	60.2	139,120
	1931	104,761	33.1	1,419,551	31.0	81,857
	1930	83,743	26.0	993,572	21.3	64,276
	1929	83,577	26.0	966,289	20.4	62,823
Baca	1933	175,406	11.4	492,365	6.9	18,491
	1932	216,641	14.1	912,934	12.7	25,711
	1931	26,892	1.8	144,618	1.8	4,192
	1930	15,821	1.0	83,822	1.0	2,408
	1929	22,648	1.5	131,608	1.5	3,722
Boulder	1933	52,585	27.3	1,545,356	19.6	35,186
	1932	45,590	17.4	1,468,465	13.5	30,054
	1931	29,776	11.4	907,920	7.2	20,168
	1930	21,125	8.0	615,090	4.9	12,702
	1929	16,615	6.4	369,800	2.8	9,275
	1928	15,579	6.1	354,070	2.7	7,462
Conejos	1933	49,336	19.1	623,451	15.6	21,321
	1932	62,028	24.1	925,046	23.3	55,150
	1931	75,371	29.3	889,020	17.9	68,548
	1930	40,480	15.8	526,046	10.6	33,850
	1929	43,618	17.3	488,886	9.9	38,149
	1928	1,631	.6	16,650	.3	1,380
Crowley	1933	203,359	47.5	1,831,862	51.3	93,741
	1932	175,362	41.1	2,117,012	52.1	101,182
	1931	61,962	14.5	1,269,810	31.3	61,651
	1930	50,217	11.8	563,100	13.0	25,328
	1929	45,328	10.8	541,803	10.2	21,082
El Paso	1933	296,289	30.1	1,621,486	20.4	58,788
	1932	207,257	20.9	1,322,841	17.2	42,022
	1931	80,367	8.1	398,541	4.0	17,550
	1930	31,902	3.2	266,880	2.6	7,307
	1929	38,771	3.9	328,755	3.0	7,230
La Plata	1933	100,075	25.4	768,390	22.0	24,758
	1932	70,638	16.4	585,853	15.5	18,681
	1931	57,993	13.4	490,241	10.5	15,303
	1930	36,216	8.3	350,490	7.4	10,508
	1929	23,020	5.4	166,907	3.4	4,896
	1928	17,012	4.1	142,848	2.9	4,399
Larimer	1933	117,195	15.5	2,597,387	20.8	61,378
	1932	91,052	11.9	1,957,680	14.5	49,501
	1931	46,495	6.1	938,820	5.2	22,894
	1930	36,919	4.8	581,780	3.3	14,531
	1929	36,809	4.8	385,380	2.1	9,395
	1928	28,065	3.7	631,085	3.3	15,424
Las Animas	1933	306,080	11.6	893,269	10.2	27,182
	1932	253,902	9.8	744,079	8.3	23,816
	1931	184,464	7.2	674,753	6.3	20,620
	1930	123,094	4.7	447,937	4.3	13,821
	1929	62,613	2.5	88,016	.9	6,319
Lincoln	1933	441,940	29.5	2,484,095	30.5	66,195
	1932	386,344	26.0	3,133,404	34.5	82,749
	1931	259,272	17.3	2,096,875	18.5	51,953
	1930	150,490	10.1	1,392,661	10.3	33,197
	1929	119,462	8.0	1,199,700	8.7	27,547
	1928	86,355	5.8	881,160	6.2	20.556
Logan	1933	338,738	34.2	4,391,459	36.2	151,861
	1932	242,108	24.4	3,262,020	24.2	107,015
	1931	102,874	10.4	1,487,467	8.8	57,638
	1930	69,483	7.0	971,994	5.6	38,965
	1929	36,375	3.7	402,880	2.3	15,039

FARM TAX SALES IN TWENTY AGRICULTURAL COUNTIES OF COLORADO, 1920 TO 1933—Continued

By G. S. Klemmedson, State Supervisor

Federal CWA Project No. F-6, Bureau of Agricultural Economics and Colorado Agricultural Experiment Station

COUNTY	Year Sold for Taxes	Area of Agricultural Land Sold for Taxes		Assessed Valuation of Real Estate (Land and Bldgs.)		Consideration or Amount Involved
		Acres	Per Cent of Total	Amount	Per Cent	
Mesa	1933	162,849	33.1	$ 2,988,495	34.6	$ 94,425
	1932	177,958	36.8	3,395,018	37.9	130,689
	1931	129,319	26.9	2,959,441	26.3	143,302
	1930	99,628	21.0	2,086,384	19.0	91,588
	1929	74,783	16.3	1,647,630	14.8	83,671
Moffat	1933	443,319	43.7	1,246,324	41.3	40,379
	1932	404,345	40.4	1,274,746	40.7	44,178
	1931	273,557	27.9	1,100,356	28.0	46,983
	1930	189,601	19.8	877,448	21.7	37,602
	1929	159,066	16.9	832,687	20.4	24,540
	1928	62,566	6.9	282,359	6.8	8,654
Montrose	1933	194,579	47.1	1,689,498	42.1	60,395
	1932	166,698	41.0	1,826,046	44.9	55,145
	1931	92,493	22.5	1,123,455	27.5	41,488
	1930	67,731	16.6	760,126	14.6	31,725
	1929	61,866	15.5	708,494	13.2	25,131
Otero	1933	237,225	37.8	2,216,384	24.3	115,319
	1932	205,811	31.7	2,123,625	21.1	101,627
	1931	103,810	16.0	1,172,223	9.4	71,269
	1930	62,284	10.0	541,842	4.3	22,242
	1929	19,640	3.2	241,555	2.1	12,155
	1928	143	---	1,660	---	51
Prowers	1933	165,120	17.2	1,247,438	13.8	36,585
	1932	236,340	24.4	2,347,415	25.8	85,432
	1931	148,776	15.3	1,471,149	13.0	51,276
	1930	93,946	9.7	943,457	8.0	33,012
	1929	64,345	6.7	555,010	4.7	14,584
	1928	59,406	6.2	600,410	5.1	5,561
Pueblo	1933	190,540	16.1	1,135,014	6.1	26,301
	1932	218,623	18.6	1,200,061	6.3	27,516
	1931	92,227	7.9	668,873	3.1	14,314
	1930	77,259	6.6	533,288	2.4	11,967
	1929	60,500	5.2	404,905	1.8	8,921
Rio Grande	1933	136,679	62.1	2,878,362	61.7	145,008
	1932	139,599	62.8	3,472,007	73.5	150,155
	1931	72,768	33.0	1,632,651	27.4	89,622
	1930	35,196	16.3	497,540	8.6	40,633
	1929	14,706	6.8	107,974	1.9	13,415
	1928	16,557	7.8	146,216	2.5	14,659
Washington	1933	361,437	24.4	2,289,390	27.1	62,726
	1932	251,015	16.9	1,774,926	20.9	51,023
	1931	9,538	.7	104,483	1.0	2,715
	1930	8,864	.6	103,750	.9	2,252
	1929	8,104	.6	130,025	.9	2,588
Weld	1933	782,022	34.3	9,244,460	26.9	240,095
	1932	632,573	27.7	8,940,150	23.4	290,764
	1931	339,297	14.9	5,253,930	11.0	173,861
	1930	251,369	11.0	3,362,960	6.8	117,487
	1929	251,446	11.1	3,303,935	6.7	515,062
	1928	66,714	3.0	1,091,190	2.1	265,226
Twenty counties	1933	4,960,639	26.5	44,489,644	23.4	1,504,637
	1932	4,383,273	23.4	44,999,721	22.3	1,611,530
	1931	2,292,312	12.3	26,204,177	10.6	1,058,204
	1930	1,545,368	8.3	16,500,167	6.4	645,401
	1929	1,243,292	6.7	13,002,239	5.0	918,544
	1928	354,028	3.7	4,147,648	2.6	343,372
Colorado, all counties	1933	9,682,470	27.0	80,657,658	23.9	
	1932	8,469,350	23.4	80,835,418	22.1	
	1931	4,330,727	12.1	47,313,921	10.5	
	1930	2,895,428	8.1	29,198,763	6.3	
	1929	2,387,575	6.8	24,325,238	5.1	
	1928	1,185,663	3.4	11,724,147	2.4	

Note: Consideration includes both general taxes and special assessments.

PER CENT OF TAXES COLLECTED TO TAXES LEVIED, BY COUNTIES, FOR 1928-1932, INCLUSIVE

(Compiled by George F. Dodge, Tax Commissioner, Denver & Rio Grande Western Railroad Co.)

COUNTY	Per Cent of Taxes Collected					5-Year Average
	1928	1929	1930	1931	1932	
Adams	98.15	96.73	89.88	79.50	75.47	88.89
Alamosa	89.58	84.56	76.67	57.92	55.73	73.97
Arapahoe	97.27	98.11	91.35	84.58	78.39	90.48
Archuleta	96.81	95.65	91.23	83.40	83.88	90.68
Baca	100.00	98.51	92.81	78.13	68.61	88.23
Bent	99.23	96.29	91.96	82.74	79.40	90.61
Boulder	98.42	98.13	94.80	90.47	89.02	94.46
Chaffee	94.51	91.43	91.87	85.30	82.13	89.30
Cheyenne	99.30	99.18	93.58	81.68	75.61	91.11
Clear Creek	86.10	76.07	69.42	61.50	63.83	71.68
Conejos	85.48	82.99	65.14	40.27	46.25	65.80
Costilla	54.79	46.31	37.58	39.08	34.57	42.96
Crowley	97.89	96.37	83.82	65.80	57.48	82.68
Custer	93.85	93.97	85.28	79.72	72.65	85.97
Delta	95.11	92.22	83.66	71.45	67.76	83.16
Denver	97.78	98.69	95.36	94.41	91.20	95.63
Dolores	88.27	65.96	53.60	37.36	36.26	58.89
Douglas	98.32	98.14	96.91	87.89	84.55	93.70
Eagle	98.50	97.72	96.86	92.27	87.18	94.76
Elbert	97.82	98.14	91.90	79.62	78.13	90.49
El Paso	99.08	98.18	96.46	92.67	91.90	95.86
Fremont	97.90	96.83	95.37	90.92	89.47	94.46
Garfield	95.37	92.77	89.45	81.70	81.24	88.54
Gilpin	77.74	71.73	72.02	65.40	59.44	69.25
Grand	98.56	84.65	88.22	86.38	84.14	88.32
Gunnison	92.38	91.51	87.25	81.22	78.28	86.64
Hinsdale	71.67	65.55	50.55	48.68	48.27	57.01
Huerfano	94.94	95.59	91.12	84.02	76.44	89.56
Jackson	99.52	98.95	98.71	96.75	96.60	98.26
Jefferson	98.44	98.59	95.88	91.77	68.46	91.43
Kiowa	99.58	98.55	95.01	82.24	75.96	91.37
Kit Carson	98.10	94.09	87.38	70.44	66.54	85.41
Lake	81.95	79.74	77.65	72.16	71.02	76.76
La Plata	96.34	94.18	90.68	83.07	78.51	89.29
Larimer	98.78	98.61	94.75	88.93	83.34	93.69
Las Animas	94.77	92.45	87.06	81.40	76.56	87.03
Lincoln	87.29	95.32	83.41	65.38	61.98	83.13
Logan	97.54	98.03	93.43	81.03	78.92	90.78
Mesa	92.48	90.56	82.17	73.47	68.58	82.25
Mineral	91.08	89.32	84.61	80.58	78.73	85.24
Moffat	90.08	86.67	77.05	64.05	67.90	78.34
Montezuma	83.16	75.56	61.24	47.25	43.61	64.35
Montrose	94.90	88.52	85.65	77.38	75.66	85.20
Morgan	98.32	98.08	94.58	87.53	84.92	93.40
Otero	97.90	98.34	95.28	85.41	83.20	92.64
Ouray	86.85	85.92	84.31	75.43	73.15	81.75
Park	96.70	95.14	91.91	87.02	88.73	92.18
Phillips	99.56	100.00	98.91	79.04	73.11	92.12
Pitkin	73.53	78.53	74.57	73.32	67.83	73.92
Prowers	97.75	96.62	91.17	77.23	75.39	88.45
Pueblo	96.82	96.14	91.78	84.22	81.90	90.55
Rio Blanco	95.43	72.88	90.15	75.26	68.92	81.50
Rio Grande	96.54	93.22	79.47	43.03	56.15	75.70
Routt	94.92	90.61	74.99	69.23	74.68	81.11
Saguache	94.78	93.61	83.54	62.34	68.19	82.03
San Juan	83.21	77.73	72.79	65.05	59.31	71.82
San Miguel	81.81	68.03	62.70	53.64	55.14	66.14
Sedgwick	98.56	97.52	93.10	75.54	74.63	89.17
Summit	80.90	67.94	64.12	62.24	65.11	68.29
Teller	82.01	67.45	66.76	57.83	76.58	70.20
Washington	100.00	99.22	91.06	70.70	71.82	88.71
Weld	99.22	97.71	94.64	85.14	84.38	92.95
Yuma	99.16	98.73	94.78	76.53	75.58	90.73

Note—In each instance the year indicated is the year in which taxes were levied, for collection in the following year.

FARM TAXES

There were 26,929 farms in Colorado operated by full owners (operators who own all the land they farm) in 1929, of which 21,938 reported both total taxes and real estate taxes paid or payable in that year. The farms reported embraced 6,203,172 acres. A summary of taxes on this type of farms as reported by the bureau of the census for 1929 is as follows:

Taxes on all farm property	$ 3,284,668
Value of land and buildings	185,735,476
Taxes on land and buildings only:	
Amount	2,564,142
Average per acre	0.41
Ratio, taxes to value (%)	1.38

The average taxes on land and buildings only for all farms operated by full owners in the United States reporting in 1929 was 0.73 per acre and ratio of taxes to value was 1.27 per cent.

INHERITANCE TAXES

The thirteenth general assembly of the Colorado legislature enacted a law in 1901 as a part of the revenue act, providing for the imposition of a tax on transfers of property by inheritance through will or gift or instrument made in contemplation of death, or intended to take effect at or after the death of the maker thereof. This law, which was approved by Governor James B. Orman on April 5, 1901, was declared unconstitutional by the state supreme court. The law was re-enacted, with changes, at an extra session of the legislature and the new act was approved on March 22, 1902. The legislature in 1913, enacted a new inheritance tax law, approved May 14, 1913, which superseded the law of 1902. This act, in turn, was amended and re-enacted in 1921 and approved on April 11, of that year. The law of 1921 was re-enacted with a considerable number of changes in 1927 and went into effect July 4, 1927, its rates and requirements applying only to estates of persons dying on or after that date.

The 1927 act was amended and re-enacted by the legislature in 1933, approved on May 16, 1933. The amendments provided for the taxation of intangibles of non-residents; the taxation of all proceeds of life insurance policies in excess of $75,000; exemption from taxation of gifts for charitable, educational and religious purposes only when they are limited exclusively for use in the state of Colorado, and other changes of lesser importance.

The administration of the law is vested in an inheritance tax commissioner appointed by the attorney general, as an assistant attorney general, charged with the special duty of representing him in all matters connected with the administration and enforcement of the provisions of the law. The commissioner holds office at the pleasure of the attorney general.

The law is complicated and cannot be reviewed in detail here. It divides beneficiaries into four classes. Class A includes the father, mother, husband, wife, child, or any lineal descendant. The law allows exemptions of $20,000 for widows and $10,000 for all others in this class. The tax amounts to two per cent above the exemptions up to $50,000 and from four to eight per cent for amounts above that sum. Class B includes the wife or widow of son, husband or widower of daughter, grandparent, brother, sister and mutually acknowledged child. The exemptions in this class amount to $2,000 and the tax ranges from three to 10 per cent on amounts above the exemption. Class C includes uncle, aunt, niece, nephew, or lineal descendant of same. There is no exemption in this class, but there is no tax on $500, or less, and the tax rate ranges from four per cent up to 14 per cent. Class D includes strangers and all others not exempt. There is no exemption and no tax on $500 or less. The rate for Class D ranges from seven to 16 per cent.

Inheritance taxes go into the general state fund and are a part of the general revenues of the state.

Collections by years ending November 30, as reported by the inheritance tax commissioner, are as follows:

Year	Amount
1921	$ 500,487.52
1922	512,687.63
1923	703,730.82
1924	864,161.04
1925	911,210.88
1926	876,008.95
1927	674,685.20
1928	869,407.88
1929	938,609.40
1930	1,126,377.20
1931	782,570.43
1932	443,705.83
1933	1,026,973.09

DONATIONS AND TAXES

Contributions made by persons for religious, charitable and scientific purposes or for the prevention of cruelty to animals and to special funds for vocational rehabilitation are deducted from incomes before the amount of federal income taxes are computed. The amounts contributed by persons in Colorado for these purposes as shown in their returns to the internal revenue collector have declined each year, beginning with 1929.

The number of persons making returns, the amount of their net income and deductions made for contributions, by years, are as follows:

Year	Returns	Net Income	Contributions
1929	31,268	$158,751,528	$2,876,721
1930	28,986	125,795,609	2,353,671
1931	25,279	96,661,700	2,009,000

The per cent of the state's population filing returns, the amount of contributions per $100 of net income, and the average contribution per return, by years, is as follows:

Year	Per Ct. Pop. Making Returns	Amt. Per $100 Income	Av. Per Return
1929	3.02	$1.81	$92.00
1930	2.80	1.87	81.20
1931	2.42	2.08	79.47

The returns showing net incomes of $5,000, or more, the net income of returns within these brackets, the amount paid in taxes other than federal income taxes and the per cent of net incomes paid in taxes, by years, are as follows:

Year	Number Returns	Taxes Paid	Per Ct. of Net Income
1929	7,673	$3,248,899	3.4
1930	5,795	2,630,820	3.9
1931	4,175	1,890,513	4.2

Taxable and Non-Taxable Property

THE actual value of all property in Colorado, taxable and non-taxable, cannot be determined with any great degree of accuracy, but by using the best figures available from all sources of information a fairly reliable estimate of all wealth may be obtained.

Such an estimate gives a total value of at least $2,608,808,934 for all property in the state, of which $1,099,603,890 is the assessed value of property on the tax rolls in 1933 as reported by the state tax commission, and $1,509,205,044 is the estimated value of property not assessed for the payment of taxes. The taxable property comprises 42.1 per cent of the total and the non-taxable property 57.9 per cent. The per capita value, based on the 1930 census, is $2,518.66, of which $1,061.61 per capita is for taxable property and $1,457.05 for non-taxable property.

An estimate compiled on the same basis in 1932 gave a total of $2,679,794,177, of which $1,438,448,065 was the assessed value of property on the tax rolls of the state in 1931, as reported by the state tax commission, and $1,241,346,112 estimated value of property not assessed for the payment of taxes. The taxable property comprised 53.7 per cent of the total and the non-taxable property 46.3 per cent. The per capita value, based on the population in 1930, was $2,587.19, of which $1,388.74 per capita was for taxable property and $1,198.45 for non-taxable property.

The estimate of the value of all property for 1934 shows a decrease of $70,985,243 from the estimate made in 1932. This is accounted for by a decrease of $338,844,175 in the assessed valuations in 1933 compared with 1931, and an increase of $267,858,932 in the estimate of the value of non-taxable property in the period. The principal increase in the value of non-taxable property arises from the use of a revised figure for withdrawn federal coal land in the state and a large increase in the area of oil shale land withdrawn from entry by the government. Other adjustments are due to changes in conditions and values.

The value of these figures lies principally in their indication of the relative position of taxable and non-taxable property, and they are not intended to establish the total wealth of the state. In order to arrive at the total wealth, adjustments would be necessary. Property on the tax rolls, for instance, while theoretically assessed at full value, would have to be revised upward to reflect the real value, as it is safe to assume that the assessed value does not exceed 60 per cent of actual value. Bank deposits in the state on December 31, 1932, for example, aggregated $226,725,182, but only $14,239,747 in bank deposits was

reported for assessment in 1933. Also, taxes are not collected on all the property assessed, as the law allows $200 exemption on the personal property of heads of families. There were 268,531 families in the state in 1930, according to the census and, assuming that all were assessed, the exemption would amount to $53,706,200.

The department of commerce, however, does attempt to adjust values to determine the total wealth of the country and its figures are given consideration in another chapter in this volume on "Colorado's Total Wealth."

The figures show that more than one-half of all the property in the state is not assessed for taxes through the customary channels for collecting revenue. However, a considerable portion of the non-taxable property does render some return to the state in an indirect manner, such as the national forests and federal mineral lands, portions of the revenue from the same either being spent in the state or remitted direct to the state.

The following table, made up from various sources explained in the text, gives the estimated value of the non-taxable property of the state:

Class of Property	Est. Val.
Federal Property:	
Unappropriated land	$ 11,319,000
Government land filed upon but not patented	3,052,500
National forests	70,000,000
Reclamation projects	11,000,000
Coal lands	722,450,000
Indian property	3,545,000
Shale land	53,125,000
Oil reserves	2,173,000
Government buildings	20,500,000
National parks and monuments	1,500,000
Power, water and reservoir reserves	25,000,000
Total federal	$ 923,664,500
State and local public property:	
State property	$ 247,697,000
Municipal property	100,000,000
County property	8,932,000
Public schools	63,017,000
Total public	$ 419,646,000
Private property:	
Schools, colleges and universities (private)	$ 14,195,988
Churches and rectories	26,646,456
Hospitals	12,000,000
Cemeteries	2,000,000
Irrigation works	92,052,100
County fair associations	1,000,000
Fraternal organizations	10,000,000
Charity organizations	3,000,000
Miscellaneous	5,000,000
Total private	$ 165,894,544
Total exempt	$1,509,205,044
Taxable (assessed val.)	1,099,603,890
Grand total all property	$2,608,808,934

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

The national forests include 13,389,122 acres. The estimate of value is arrived at by using a flat price of a little more than $5 per acre. Estimates based on stumpage value of timber sold and capitalization of returns yield approximately the same total. While the national forests are not taxable, they yield considerable revenue to the state, the total expended in 1933 being $1,363,492, of which $991,225 was for capital improvements. Twenty-five per cent of the gross revenues from the forests goes to the counties in which the forests are located in the form of cash for roads and school purposes, and 10 per cent goes on roads and trails in the forests, while the counties also benefit from road funds appropriated by congress.

The federal reclamation projects and their irrigation works yield no direct return to the state in the form of taxes, but indirectly they increase the taxes on private property coming within the districts by creating a greater taxable value for them. The estimates on these two items are based on their costs, which are more fully reported in another place in this volume under the heading, "United States Reclamation Projects."

The United States geological survey has appraised Colorado coal land at $100 to $400 per acre, based on the extent of the deposits and their accessibility to markets, while the state land board appraises coal land at a little more than $200 an acre. The estimate in the above table is made on a basis of $100 an acre, giving cognizance to changed conditions resulting from the more widespread use of natural gas and fuel oil, and there is included 4,142,200 acres of withdrawn coal land and 3,082,272 acres of the public domain classified as coal land but not withdrawn from entry.

The value of Indian property, both tribal and individual, is taken from the annual report of the commissioner for Indian affairs for the fiscal year 1927. Oil land reserves are estimated at $10 per acre and shale land at $25 per acre, including 1,172,778 acres in withdrawn areas and 952,239 acres classified as shale land but not withdrawn. The government returns to the state 37½ per cent of revenue received in the form of bonuses and royalties from the leasing of these lands.

The federal government buildings include not only the Denver postoffice, custom house, mint, Fort Logan army post, Fort Lyons veterans' hospital and Fitzsimons general hospital, but postoffices in various towns of the state. Their value is based on cost. In many instances, the sites were donated in whole or in part, and their present true value is in excess of the figure used. This item comprises property valued at $7,537,194 under the jurisdiction of the treasury department and $12,963,000 under the army, veterans' bureau and other departments, but does not include $1,860,000 of government-owned property used by the national guard.

The value of state property is that shown by an inventory as of June 30, 1930, details of which are available in a table published elsewhere in this volume.

The estimated value of municipal property is based on inventories of $61,654,310 for Denver in 1932; $12,717,958 for Colorado Springs in 1928 and $5,803,070 for Pueblo in 1928, plus 100 per cent increase over the 1913 census for other municipal property in the state.

The value of county property is based on a 100 per cent increase over the 1913 census figures, several of the counties having built court houses in the interval, which will justify the estimate.

The value of public school property is taken from the report of the state superintendent of public instruction for 1932.

The value given to colleges and universities in the above table includes only the seven privately controlled institutions reporting to the United States bureau of education in 1928 and is for land, buildings and equipment valued at $5,680,123 and productive funds to the amount of $5,225,615, and $3,240,000 for private academies and high schools.

The state colleges and universities are included in the value of state property. The value of church property and rectories is that given by the census bureau for 1926 plus an average for the 57 churches not reporting.

Property of fraternal organizations includes only those portions not taxed. Buildings owned by Masonic, Elks, Woodmen and other organizations are not taxed except for those portions used for income purposes. Under this heading are included such institutions as the Printers' home and the Woodmen of the World sanitarium at Colorado Springs, Masonic temples, buildings of the Young Men's Christian association, etc.

Mineral Resources

COLORADO has produced annually in the 28 years ending with 1932 an average of $59,679,920 worth of minerals, including both metals and nonmetals. The maximum output during that period was in 1917, when war demands and high prices established a record of $80,296,218. The minimum production in values during the 28 years was in 1932, when the output was $25,800,227, a year of low prices and diminished production.

The state is producing commercially about 35 minerals. Coal comes first in value, followed in order by gold, zinc and clay products. The relative rank of the different minerals in quantity and value undergoes frequent changes in response to the economic conditions of the country and the law of supply and demand. In 1930 Colorado ranked 22nd among the states of the Union in the production of minerals, based on the reports of the United States bureau of mines, and 15th in 1929 on the basis of census reports. The bureau of mines reports on the market value of products and the census reports give values at the mines before transportation and processing costs are assessed.

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

Resource	Rank
Coal (known reserves)	1
Oil shale (reserves)	1
Molybdenum, value (1930)	1
Uranium and vanadium ores, value (1930)	1
Manganiferous ores, value (1930)	2
Fluorspar, value (1930)	3
Arsenious oxides, value (1929)	2
Tungsten ore, value (1930)	2
Gold, value (1931)	4
Micaceous minerals, value (1930)	4
Silver, value (1931)	5
Coal, value (1930)	8
Copper, pounds (1931)	8
Clay products, value (1930)	13
Coke, tons (1929)	14
Natural gas, cu. ft. (1930)	15
Petroleum, bbls. (1930)	17
All minerals, value (1930)	22
Lime, value (1930)	27

Figures have never been compiled and are not available showing the value of all minerals produced in the state from the beginning of the industry, but the United States bureau of mines and other agencies have compiled records on many of them. These indicate that the total value of the state's output since the industry first was established is not far from three billion dollars. This estimate is based on the following figures from various sources:

Gold (1858-1932)	$ 726,873,920
Silver (1858-1932)	519,686,650
Copper (1868-1932)	47,618,405
Lead (1869-1932)	217,705,030
Zinc (1895-1932)	157,014,096
Stone (1897 1932)	28,595,487
Tungsten (1906-1930)	19,525,000
Radium	18,000.000
Petroleum (1862-1933)	29,525,579
Coal (1864-1933)	757,351,395
Natural gas (1923-1932)	4,599,200
Molybdenum (1915-1930)	13,293,000
Vanadium (to end 1930)	6,906,000
Fluorspar (1870-1932)	2,111,892
Iron (1859-1930)	3,916,000
Manganese (to end 1930)	4,207,000
Total	$2,556,928,654

Values are not disclosed on several of the important minerals produced, due to the fact that publication would reveal information concerning individual enterprises. Among the minerals produced in addition to those named above are cement, raw clay, fuller's earth, gypsum, mica, mineral paints, sand and gravel and uranium.

Colorado occupies a unique position among the states of the Union in the variety and extent of its mineral resources, both metal and non-metal. This is due largely to the extreme irregularity of the state's surface geologically and the range of formations exposed for examination and development. Approximately 250 useful metallic and non-metallic minerals and compounds have been reported in the state, and undoubtedly many others are to be found. These minerals, especially rare metals, for which there is an increasing demand, afford raw materials from which a number of important industries, such as the chemical and glass industries, may be developed.

The state has produced 15.5 per cent of all the gold and 20.6 per cent of all the silver produced in the United States since 1792. In 1929 Colorado produced 90.4 per cent of the molybdenum production in the United States and 80.5 per cent of the world's production. The world's largest molybdenum mine is located at Climax, in Lake county, operated by the Climax-Molybdenum company, and the supply of ore so far proven is estimated sufficient to meet the world demand for 200 years. This product is discussed in more detail in a separate chapter. A similar distinction is given to a property at Rifle, in Garfield county, where the United State Vanadium corporation operates the largest vanadium mine in the world. This property is credited with an output four times greater than the entire production of the mines of Peru in 1928, which in former years were the source of the world's principal supply of vanadium. A third mine credited with being in the same class as these two, though its output is included with the state's five principal metals, is the property of the Empire Zinc company, located at Gilman, in Eagle county, said to be one of the largest zinc mines in the world. This mine also recovers silver from its dry ore, copper ore and lead-zinc ore, and in 1929 ranked 17th among the larger producers of silver in the United States, although it is primarily a zinc producing property.

On the basis of industries canvassed for 1929 by the bureau of the census Colorado ranked 15th among the states in value of mineral products and 12th in number of wage earners employed in mining and quarrying industries. Since the scope of the censuses for 1919 and 1929 was not the same as to the industries covered, comparisons as to the magnitude of the mining and quarrying industries cannot be made directly between the statistics for the two years; but by revision of the figures to exclude data for all industries not canvassed at both censuses, comparison of the activities of the remaining industries is made possible. On this basis the value of products in 1929 was $41,208,031 (value at the mine), compared with $51,063,444 in 1919, a decrease of 19.3 per cent. This decrease is accounted for principally in the gold and silver mining industries. Comparative figures for gold and silver (lode) industries in 1929 and 1919 show decreases of 72.2 per cent in the number of enterprises; 52.8 per cent in the average number of wage earners; 46 per cent in salaries; 53.9 per cent in wages and 74 per cent in the value of products. A table is published herewith showing

a summary of operations in 1929 and 1919, with adjusted figures for 1929 for comparative purposes. Another table gives detailed statistics for selected industries. In none of the tables presented are statistics for non-producing (development only) enterprises given. A summary of non-producing enterprises is as follows:

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

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

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

A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1932, 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 70.2 per cent of the total in 1932. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 29.8 per cent in 1932. This indicates that while metal mining as a whole declined in the 28-year period, the output of other minerals increased and made up for the decrease. A readjustment in mining, rather than a decrease, is apparent. A chart illustrating these changes is published herewith. It will be noted that there was a distinct upward movement in the five principal metals and other minerals in the war period of 1915-1918, inclusive. This was an abnormal period, in which production values were affected by market prices, and in order to illustrate the effect of one on the other a table of average prices for the period appears elsewhere in this chapter.

Accompanying this chapter there are published tables giving information concerning mining, as follows:

Mining and quarrying in Colorado in 1929 and 1919 as reported by the census bureau.

Mineral production of Colorado, including metals and non-metals, in quantity and value, for 1932, 1931, 1930, 1929, 1928 and 1926.

Value of all minerals produced in Colorado from 1905 to 1932, inclusive, with percentages of the five principal metals and other minerals to total value.

Mine value of principal products of metal-mining industries by types of enterprises and percentages of metals produced by the several types of enterprises.

Gold, silver, copper, lead and zinc production and value by years.

Gold, silver, copper, lead and zinc production, by counties, in 1931 and 1932.

Total production, by counties, of gold, silver, copper, lead and zinc from the beginning of the industry down to and including 1932.

Preliminary report on gold, silver, copper, lead and zinc production, by counties, for 1933.

The mining industry is further discussed in this chapter under sub-headings as follows: Metals—gold, silver, copper, lead, zinc, radium, molybdenum, tungsten; average price of metals; non-metal minerals—sand and gravel, fluorspar, clay and clay-working industries, stone, coal, coke, petroleum, natural gas, natural gasoline, helium, petroleum refineries, petroleum industry, fuel oil distribution, oil shale.

MINING AND QUARRYING IN COLORADO, 1929 AND 1919
(Compiled from Census Reports)

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

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

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

MINES AND QUARRIES: STATISTICS FOR SELECTED INDUSTRIES, 1929
(Compiled from Census Reports)

Note—This table presents statistics for each industry for which it is possible to give separate figures without disclosing data for individual enterprises. Certain of the "other industries," however, were of greater importance in the state than some of the industries shown separately. The value of products as reported by the census bureau is the net amount received f. o. b. the mine and is not computed on the same basis as values reported by the Bureau of Mines.

	Number of Enterprises	Persons Engaged in Industry	Principal Expenses		Expenditures for Development*	Value of Products	Machinery and Other Equipment Purchased During Year (Cost)
			Salaries and Wages	Contract Work, Supplies, Fuel and Purchased Electric Energy			
Coal, bituminous	173	10,957	$16,899,610	$3,924,836	$ 703,000	$26,553,407	$ 635,679
Gold, lode	44	1,651	2,745,928	1,705,910	1,401,000	4,057,060	646,720
Lead	18	787	1,574,917	774,420	377,000	2,946,136	159,273
Copper	3	562	891,264	580,158	325,000	1,697,051	6,537
Zinc	9	263	409,612	237,015	125,000	906,538	8,746
Limestone	14	257	308,653	76,986	3,000	489,236	70,365
Sand and gravel	3	89	163,730	64,547	------	325,415	52,000
Silver	11	168	230,445	114,387	129,000	303,251	19,410
Granite	4	90	150,832	52,488	------	270,073	28,232
Clay	9	62	57,304	5,577	1,000	115,537	117
Fluorspar	3	30	48,264	7,781	1,000	51,239	1,650
Gypsum	3	13	15,772	5,651	------	27,867	6,500
Sandstone	3	13	11,983	7,185	------	21,562	------
Other industries	17	625	1,172,339	1,327,716	246,000	3,766,074	161,156
Totals	314	15,567	$24,680,653	$8,884,657	$3,311,000	$41,530,446	$1,796,385

*Included in items under "Principal Expenses."

MINERAL PRODUCTION OF COLORADO IN 1932, 1931, 1930, 1929 AND 1928
(U. S. Bureau of Mines)

PRODUCT	1932		1931		1930		1929		1928	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Arsenious oxide---Short tons	------	--------	------	--------	------	--------	163	$ 13,201	115	$ 9,501
Barite ---do	------	--------	------	--------	------	--------	------	--------	40	340
Briquets, fuel---do	(1 3)	(1 3)	(1 3)	(1 3)	------	--------	------	--------	------	--------
Cement ---Barrels	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Clay Products---	------	[2]$ 1,142,499	------	[2]$ 1,804,526	------	[2]$ 2,485,684	------	[7]3,117,064	------	[2]2,998,242
Clay, raw---Short tons	41,529	[3]49,617	65,268	[3]84,159	108,162	[3]128,342	162,008	[5]215,409	155,075	[5]256,548
Coal ---do	5,598,721	12,237,000	6,604,369	15,944,000	8,196,910	21,485,000	9,920,741	26,254,000	9,847,707	27,613,000
Coke ---do	115,944	(1 3)	(1 3)	(1 3)	458,443	(1 3)	721,457	(1 3)	750,022	(1 3)
Copper ---Pounds	7,398,000	466,074	8,165,000	743,015	10,514,000	1,366,820	8,905,074	1,567,293	8,594,646	1,237,629
Feldspar (crude)---Long tons	5,612	20,304	2,953	14,927	1,933	10,575	(1)	(1)	(1)	(1)
Ferro-alloys ---do	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)
Fluorspar ---Short tons	333	3,330	529	5,921	9,248	101,758	4,808	56,607	1,815	18,040
Fuller's earth---do	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Gems and precious stones---	------	(4)	------	(4)	(4)	(4)	(4)	(4)	------	(4)
Gold ---Troy ounces	317,928	6,572,154	233,300	4,822,734	218,540	4,517,619	213,690	4,417,358	256,623	5,304,876
Gypsum ---Short tons	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Iron ore---Long tons	------	--------	26,202	(1)	32,417	(1)	50,754	(1)	52,713	(1)
Iron, pig---do	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)
Lead ---Short tons	2,150	128,970	6,884	509,416	22,130	2,213,000	24,445	3,080,064	26,751	3,103,100
Lime ---do	(1)	(1)	4,646	50,823	6,777	73,156	7,046	76,791	8,114	88,775
Manganese ore---Long tons	------	--------	------	--------	------	--------	------	--------	------	--------
Manganiferous ore:										
For fluxing---do	------	--------	------	--------	------	--------	------	--------	48	(1)
For other purposes---do	------	--------	3,685	21,880	19,730	109,796	17,770	(1)	18,599	99,823

Mica:											
Scrap	Short tons	108	1,028	113	1,395	115	1,377	(1)	(1)	(1)	(1)
Sheet	Pounds	------	--------	------	--------	------	--------	------	--------	------	--------
Micaceous minerals (vermiculite)	Short tons	------	--------	(1)	(1)	(1)	(1)	(1)	(1)	1	64
Mineral paints, zinc and lead pigments	do	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)	(1 3)
Mineral waters	Gallons sold	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Molybdenum	Pounds	(1)	(1)	2,644,399	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Natural gas	M. cubic feet	2,547,000	757,000	2,536,000	940,000	3,312,000	958,000	2,787,000	675,000	2,931,000	786,000
Natural gas gasoline	Gallons	472,000	11,000	659,000	21,000	1,322,000	69,000	1,630,000	113,000	1,909,000	136,000
Ores (crude) etc.:											
Copper	Short tons	49,404	(9)	57,232	(9)	63,915	(9)	36,539	(3)	11,983	(9)
Copper-lead	do	25	(9)	144	(9)	------	--------	81	(3)	366	(9)
Dry and siliceous (gold and silver)	do	885,087	(9)	811,619	(9)	710,491	(9)	640,442	(3)	894,455	(9)
Lead	do	837	(9)	5,410	(9)	20,482	(9)	36,880	(3)	26,687	(9)
Lead-zinc	do	------	--------	162,157	(9)	540,843	(9)	458,251	(3)	492,593	(9)
Zinc	do	542	(9)	------	--------	------	------	------	--------	------	--------
Petroleum	Barrels	1,136,000	880,000	1,545,000	825,000	1,656,000	1,480,000	2,358,000	2,380,000	2,774,000	2,750,000
Pyrites	Long tons	1,496	2,073	------	--------	------	--------	------	--------	------	--------
Sand and gravel	Short tons	850,966	497,595	893,033	567,222	929,888	442,303	982,866	492,587	806,051	605,511
Shale oil	Gallons	------	--------	------	--------	------	--------	61,150	(10)	------	--------
Silver	Troy ounces	1,860,408	524,635	2,195,914	636,815	4,382,852	1,687,398	4,397,377	2,343,802	4,052,253	2,370,568
Stone	Short tons	133,300	248,789	[8]343,520	[8]565,443	493,900	878,656	[8]834,260	903,846	[8]956,380	[8]933,241
Sulphur ore	Long tons	27	675	(1)	(1)	(1)	(1)	------	--------	------	--------
Tungsten ore (60 per cent concentrates)	Short tons	------	--------	98	73.563	47	37,050	152	124,416	229	149,423
Uranium and vanadium ores	do	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Zinc	do	109	6,540	16,187	1,230,174	36,259	3,480,864	29,431	3,884,826	35,731	4,359,182
Miscellaneous (6)		------	4,196,539	------	8,420,589	------	13,177,309	------	17,741,885	------	16,433,270
Total value, eliminating duplications		------	$25,800,227	------	$32,970,230	------	$46,270,545	------	$55,331,911	------	$58,594,688

[1]Value included under "Miscellaneous."
[2]Figures obtained through co-operation with the bureau of the census.
[3]Value not included in total value for state.
[4]No canvass.
[5]Exclusive of basalt and marble, value for which is included under "Miscellaneous."
[6]Includes minerals indicated by "1," "5" and "8" above.
[7]Exclusive of pottery, value of which is included under "Miscellaneous."
[8]Exclusive of marble, value for which is included under "Miscellaneous."
[9]Not valued as ore; value of recoverable metal content included under the metals.
[10]No data available.

VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1932, INCLUSIVE

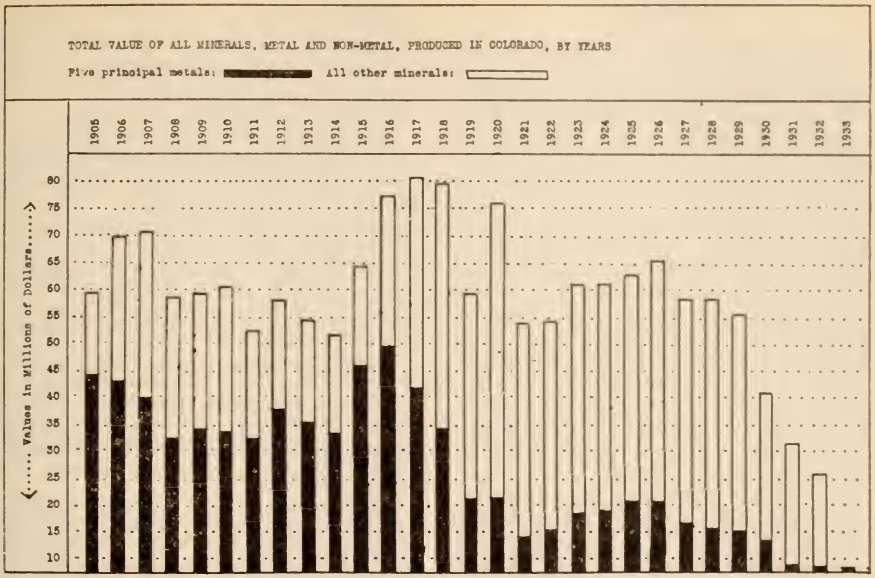
(Compiled from reports of the U. S. Bureau of Mines)

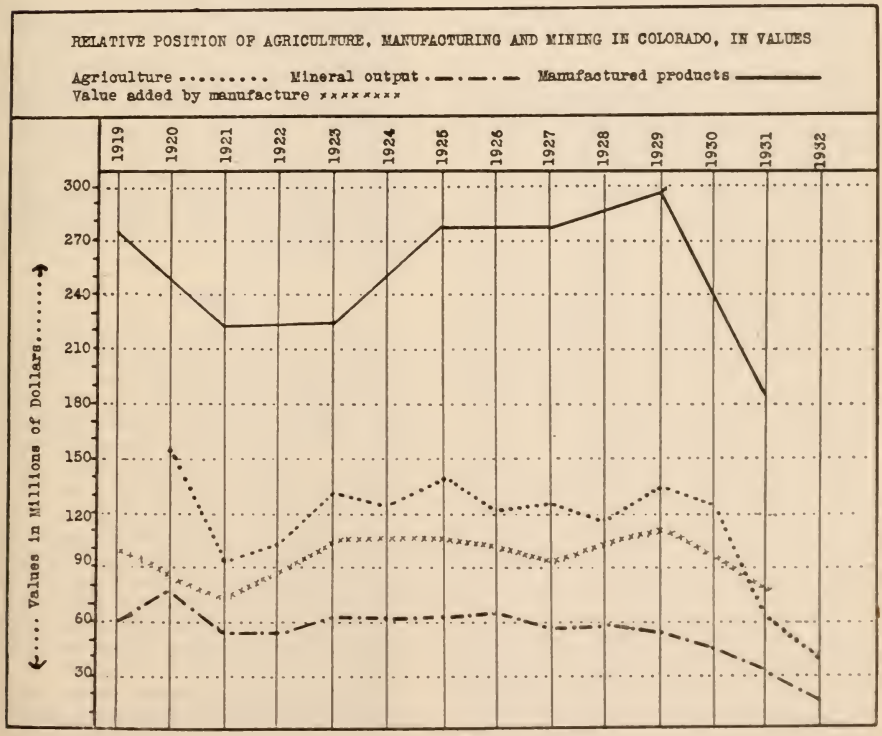
YEAR	Gold, silver, copper, lead and zinc		All other minerals		Total value all mineral production
	Value	Per ct. of total	Value	Per ct. of total	
1905	$ 44,699,700	75.4	$ 14,581,244	24.6	$ 59,280,944
1906	43,899,199	62.9	25,935,382	37.1	69,834,581
1907	39,466,900	55.5	31,638,228	44.5	71,105,128
1908	32,718,573	55.8	25,910,914	44.2	58,629,487
1909	33,901,891	57.3	25,288,533	42.7	59,190,424
1910	33,671,502	55.8	26,686,213	44.2	60,357,715
1911	32,418,218	61.7	20,104,198	38.3	52,522,416
1912	37,320,966	64.1	20,846,433	35.9	58,167,399
1913	35,450,585	65.3	18,843,696	34.7	54,294,281
1914	33,460,126	64.1	18,701,534	35.9	52,161,660
1915	46,426,697	72.2	17,868,422	27.8	64,295,119
1916	49,200,697	63.3	28,442,081	36.7	77,642,778
1917	42,084,668	52.4	38,211,550	47.6	80,296,218
1918	34,160,172	43.2	44,843,756	56.8	79,003,928
1919	21,679,614	36.1	38,250,665	63.9	59,930,279
1920	21,898,974	28.8	54,138,922	71.2	76,037,896
1921	14,005,500	26.0	40,039,556	74.0	54,045,056
1922	15,301,698	27.9	39,504,579	72.1	54,806,277
1923	18,471,590	30.1	42,907,556	69.9	61,379,146
1924	18,620,796	30.3	42,867,086	69.7	61,487,882
1925	20,851,267	33.0	42,297,692	67.0	63,148,959
1926	20,883,968	31.8	44,713,519	68.2	65,597,487
1927	16,965,162	28.8	41,890,101	71.2	58,855,263
1928	16,375,355	27.9	42,219,333	72.1	58,594,688
1929	15,293,343	27.6	40,038,568	72.4	55,331,911
1930	13,265,701	28.7	33,004,844	71.3	46,270,545
1931	7,942,154	24.1	25,028,076	75.9	32,970,230
1932	7,698,373	29.8	18,101,854	70.2	25,800,227
Total (28 years)	$768,133,389	46.0	$902,904,535	54.0	$1,671,037,924

AVERAGE PRICE OF METALS

Average prices per ounce for silver and per pound for copper, lead and zinc in Colorado in the years 1905 to 1932, 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	$0.507	$0.175	$0.047	$0.124
1916	.658	.246	.069	.134
1917	.824	.273	.086	.102
1918	1.00	.247	.071	.091
1919	1.12	.186	.053	.073
1920	1.09	.184	.08	.081
1921	1.00	.129	.045	.05
1922	1.00	.135	.055	.057
1923	.82	.147	.070	.068
1924	.67	.131	.08	.065
1925	.694	.142	.087	.076
1926	.624	.14	.08	.075
1927	.567	.131	.063	.064
1928	.585	.144	.058	.061
1929	.533	.176	.063	.066
1930	.385	.124	.052	.047
1931	.290	.091	.037	.038
1932	.282	.063	.030	.030
1933	.345	.064	.037	.043


TOTAL VALUE OF ALL MINERALS, METAL AND NON-METAL, PRODUCED IN COLORADO, BY YEARS
Five principal metals:
All other minerals:
1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933
Values in Millions of Dollars
80 75 70 65 60 55 50 45 40 35 30 25 20 15 10


RELATIVE POSITION OF AGRICULTURE, MANUFACTURING AND MINING IN COLORADO, IN VALUES
Agriculture
Mineral output
Manufactured products
Value added by manufacture
1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932
Values in Millions of Dollars
300 270 240 210 180 150 120 90 60 30

METALS

Gold, silver, copper, lead and zinc are the principal metals in point of aggregate value produced in the state, but in recent years the development of rare metals has proceeded along substantial lines and Colorado is beginning to take a major place as a source of supply for these. Included among the rare metals are molybdenum, radium, uranium and vanadium ores and tungsten concentrates. Other metals in this class are known to exist in the state and scientific investigations being made as to their value for commercial uses are expected ultimately to bring them into production on a considerable scale. The state also produces commercially ferro-alloys, iron ore, manganiferous ores and other metals.

The following tabulation gives the principal metals found in Colorado and the counties in which they occur:

Aluminum (alunite, bauxite, cryolite)—Chaffee, Conejos, Custer, El Paso, Fremont, Gunnison, Hinsdale, Lake, Mineral, Ouray, Rio Grande, Saguache.

Antimony (bournonite, polybasite, stibnite)—Boulder, Clear Creek, Dolores, Grand, Gunnison, Ouray, Pitkin, San Juan, San Miguel, Teller.

Arsenic (arsenopyrite)—Gilpin, Gunnison, Pitkin, San Juan, San Miguel.

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

Bismuth (beegerite, bismuthinite, bismutite, cosalite, tetradymite)—Boulder, Chaffee, Fremont, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Montezuma, Ouray, Park, San Miguel.

Cadmium (greenockite)—Lake.

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

Cobalt (erythrite, smaltite)—Gunnison.

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

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

Iron (brown iron ore, hematite, magnetite, 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, Boulder, Chaffee, Clear Creek, Custer, Dolores, Eagle, Fremont, Gilpin, Gunnison, Hinsdale, Lake, La Plata, Mineral, Montezuma, Ouray, Park, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Lithium (amblygonite)—Fremont.

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

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

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

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

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

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

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

Tantalum (columbite)—Fremont, Jefferson, Teller.

Tellurium—Boulder, Teller.

Tin (cassiterite)—Garfield.

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

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

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

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

Zircon—El Paso.

GOLD

Gold was first mined in what is now Colorado in 1858. The value of the state's output from that year to the end of 1932 was $726,873,920. Preliminary figures of the United States bureau of mines give the gold production in 1933 at $5,002,749. The estimated gold production of the United States from 1792 down to the close of 1931 is $4,650,000,000 and in the 74 years ending with 1931 in which Colorado has been mining that metal, it produced 15.5 per cent of the total. The state's approximate proportion of world production since Columbus discovered America is 3.3 per cent.

Colorado ranked fourth among the states of the Union and its possessions in 1932 in the value of its gold, being

exceeded only by Alaska, California and South Dakota. It occupied first place for many years, but surrendered that position to California in 1916. Gold ranks first among the five principal metals produced in the state.

In 1868, the production of gold in the state was valued at $2,010,000. It increased steadily until the maximum was reached in 1900, in which year the value was $28,762,036. The period of largest output was in 1895 to 1918, inclusive. The gold production in 1931 was valued at $4,822,734, a gain of $405,376, or 8.4 per cent over 1930. In 1932, the value of the output was $6,572,154, an increase of $1,749,420, or 26.6 per cent over 1931. The preliminary figures for 1933 show a decrease from 1932 of $1,569,405, or 23.9 per cent.

Park county took first place among the gold counties of the state for the first time in 1932, when its output was $2,599,477, or 39.5 per cent of the total. Teller county, which has ranked first for many years, took second place in 1932, with an output of $2,260,806, or 34.2 per cent. Park county surrendered first place to Teller county in 1933. In the period since Colorado first produced gold up to the end of 1932, Teller county, in which Cripple Creek is located, led all counties with an output of $354,022,693, or 48.9 per cent of the state's total output. That county's output began in 1891. Gilpin county comes second, with a value of $85,296,799 between 1859 and 1932, inclusive, or 11.6 per cent of the state's production. San Miguel county comes third, with an output of gold valued at $65,544,552 between 1875 and 1932, inclusive, or 9.0 per cent of the total.

Gold-mining enterprises, in which operations were conducted primarily for the recovery of that metal, accounted for 92.4 per cent of all the gold produced in the state in 1929, as shown by census reports. Copper-mining enterprises produced 1.9 per cent of the gold and lead-mining enterprises, 5.3 per cent.

The Golden Cycle Mining & Reduction company ranked fourth among the larger producers of gold in the United States in 1931. It handles ores principally from the Cripple Creek district. The London Gold Mines company, in the Mosquito Creek district, ranked 12th and the Shenandoah Dives Mining company, in the San Juan district, ranked 17th among the larger producers of gold in the country in that year.

SILVER

The estmated value of silver produced in Colorado in the 10-year period of 1858-1867 was $406,139. In 1868, the value was $266,150. From this start, the output of the metal advanced steadily until the peak was reached in 1891, in which year the value was $20,948,401. The decline which then set in was gradual, although steady, and in 1932 the output, valued at $524,635, was the lowest in any year since the peak was reached. The 1933 value, according to the preliminary figures of the United States bureau of mines, was $773,713, an increase over 1932 of $249,078, or 32.2 per cent. The major producing period was from 1879 to 1901, inclusive.

Colorado produced in the 75 years from 1858 to 1932, inclusive, silver to the value of $519,686,651. This was equal to 20.6 per cent of all the silver produced in the United States from the beginning of 1792 to the end of 1932. The state's output is estimated at 2.6 per cent of the world production of silver since Columbus discovered America.

The decline in the production of silver in recent years is credited to political and economic factors affecting the use of the metal for monetary purposes, and low prices, rather than to any exhaustion of ore in the state. These conditions resulted in the closing down of many properties operated primarily for the production of that metal. The 1930 census showed that enterprises devoted primarily to the mining of silver produced only 15.7 per cent of the output in 1929. The remainder of the silver was produced by enterprises primarily mining for other metals, especially copper and lead, which respectively accounted for 41 and 27.9 per cent of total silver production.

Colorado ranked fifth among the states of the Union, including Alaska and the United States possessions, in 1932 in the production of silver. It was exceeded only by Idaho, Montana, Utah and Arizona, all of which, with the exception of Idaho, are large producers of copper. In the same year silver occupied second place among the metals produced in the state, the value being exceeded only by gold. It has maintained that relative position in the total output of metals over a period of 75 years.

Eagle county ranked first in 1932 among Colorado counties in the output

of the metal, the value being $313,251. San Juan county came second, with an output valued at $138,517. These two counties produced 86.1 per cent of the total silver production of the state in the year named. Lake county ranks first in the aggregate production of silver, its output from 1859 to 1932, inclusive, being valued at $191,753.801, or 37.1 per cent of all silver produced in the state in that period. This county produced $446,836,007 in all five metals in the 75 years. Pitkin county ranks second, having produced $74,000,180 worth of silver between 1880 and 1932, inclusive, and $102,825,705 in all five metals. Clear Creek county is third, with a production of $52,942,648 in silver and $88,719,870 in all metals, including silver.

Some of the largest silver mines in the country are located in Colorado. The Empire Zinc company's mine in the Battle Mountain district, although primarily a zinc property, ranked sixth in 1931 among the larger producing silver mines. The Shenandoah Dives Mining company, in the San Juan district, ranked 17th, the same position it holds among the large gold producing properties in the country.

COPPER

Copper is found in Colorado principally in compound ores from which are recovered other metals, and large placer deposits similar to those handled by steam shovel methods in Montana, Utah and Arizona have never been developed in the state. Copper-mining enterprises, however, produce 19.1 per cent, in value, of all the gold, silver, copper, lead and zinc mined in the state. The enterprises which in 1929 were engaged primarily in copper mining produced 76.6 per cent of the state's output of that metal. Of great significance, however, is the fact that the copper-mining enterprises produced 41 per cent of the silver, 1.8 per cent of the gold, 17.2 per cent of the lead and 2.4 per cent of the zinc output of the state in that year.

Copper was first reported in 1868, in which year the state's output was 50,000 pounds, valued at $11,500. The quantity produced remained below 1,000,000 pounds annually up to 1882, in which year the state's output was 1,494,000 pounds, valued at $285,354. Since that year it has never dropped below 1,000,000 pounds annually. The peak year in quantity production was reached in 1930, when the output was 10,514,000 pounds, and in value in 1917, when it was worth $2,217,307. The minimum output over a period of 42 years was in 1925, when 2,360,500 pounds, valued at $335,191, was produced. In 1932, the production was 7,398,000 pounds and the value, $466,074, which compares with 8,165,000 pounds and $743,015 value in 1931. In 1933 the preliminary report of the United States bureau of mines gives the production at 9,948,000 pounds, and value at $636,672.

From 1868 to 1932, inclusive, the state produced 320,803,430 pounds of copper, with a value of $47,618,405. It ranked fifth among the five principal metals produced in the state as to value for that period. In 1932 copper was produced in nine counties in the state. Eagle county ranked first, with 5,620,000 pounds, valued at $354,060, and San Juan county second, with 1,568,000 pounds, valued at $98,784. Eagle county's production was 76.1 per cent of the total output for the state. Lake county holds the record for aggregate production and value down to the end of 1932, the totals being 101,615,589 pounds and $14,547,032 value.

LEAD

Colorado first began producing lead commercially in 1869, in which year its output was reported at 150,000 pounds, valued at $9,000. There was a steady increase in subsequent years until it reached 141,114,000 pounds, valued at $6,067,902, in 1883. It fluctuated below that figure for the next 15 years, going as low as 80,794,286 pounds, valued at $2,908,592 in 1897. The next year it resumed an upward trend until it reached an all-time peak in 1900 of 164,274,762 pounds, valued at $7,228,090. The trend from that year to the present was generally downward, with wide variations. In 1932, the output was 4,299,000 pounds, valued at $128,970, the minimum for any year since 1877. Preliminary figures of the bureau of mines for 1933 show a production of 4,510,000 pounds, valued at $166,870, an increase of 211,000 pounds and $37,900 in value, compared with 1932.

Lead-mining enterprises produced in 1929, as shown by census reports, 29.4 per cent of all the gold, silver, copper, lead and zinc mined in the state in that year. Their output included 5.3 per cent of the gold, 27.9 per cent of the silver, 14.7 per cent of the copper, 65.1 per cent of the lead and 53.9 per cent of the zinc produced in that year by the five types of enterprises. An

accompanying table shows the amounts and percentages of all metals produced by the several classes of operators.

The total production of lead in the state from 1869 to 1932, inclusive, was 4,611,639,583 pounds, valued at $217,705,031. Lead ranks third among the metals in the total value of output since the beginning of the industry. In 1932 it occupied fourth place, but in 1924 it was exceeded in value only by gold. Fourteen counties in the state produced lead in 1932. Park county ranked first, with a production of 1,615,000 pounds, valued at $48,450; San Juan second, with a production of 1,239,000 pounds, valued at $37,170; and Eagle county ranked third, with a production of 441,000 pounds, valued at $13,230. These three counties accounted for 76.7 per cent of the state's output in 1932.

Of the 4,611,639,583 pounds, valued at $217,705,031, produced between 1869 and 1932, inclusive, Lake county occupied first place, with an output of 2,018,369,361 pounds, valued at $91,822,396, or 43.9 per cent of the aggregate output of all counties over a period of 66 years. Pitkin county ranks second, with a production of 580,113,279 pounds, valued at $26,824,008, for the same period.

Colorado ranks fifth among the states of the Union in the production of lead, being exceeded only by Idaho, Montana, Oklahoma and Utah.

ZINC

The commercial production of zinc began in Colorado in 1885, in which year the state produced 100,000 pounds, valued at $4,300. The annual output did not go above 300,000 pounds until 1892, when it jumped to 1,125,000 pounds, valued at $51,750. Production did not vary to any great extent thereafter until 1897, when it more than doubled, and two years later, in 1899, it jumped to 11,300,656 pounds, valued at $655,438. That year was the beginning of a period of large production which culminated in a peak for all time of 134,285,463 pounds, valued at $17,994,252, in 1916. Following the world war there was a rapid decline to 2,360,000 pounds, valued at $118,000, in 1921. Production then began another increase and went to 72,518,000 pounds, valued at $3,480,864, in 1930. In 1931 the output was 32,373,000 pounds, valued at $1,230,174, and in 1932, according to the figures of the bureau of mines, it dropped to the lowest level in 44 years, the output being 218,000 pounds, valued at $6,540. This large decrease is credited to lack of demand and low prices and not to any exhaustion of the mineral in the state. Preliminary figures for 1933 showed a substantial gain, the production being 2,491,000 pounds, valued at $107,113.

In the 48 years ending with 1932 in which the state has produced zinc, the aggregate output was 2,230,343,985 pounds, valued at $157,014,096. In that period 19 counties in the state have produced zinc. Lake county ranks first, with a total output of 1,382,951,004 pounds, valued at $90,670,522, or 60.3 per cent of the state's total output. Eagle county comes second with 274,062,129 pounds, valued at $20,670,214. In 1932 only three counties—Gilpin, Lake and Ouray—reported any zinc production, and only Lake county reported any production in 1933. In 1927 zinc ranked next to gold in the value of output.

One of the largest zinc mines in the world is the Empire Zinc company's Eagle mine at Gilman, in Eagle county, in which the operators have been opening and developing ore bodies since 1912 and from which it has been carrying on some regular production. The company has a 600-ton flotation mill built on a site cut out of solid granite in the face of Eagle canon, and therefore is mostly underground. This mill treats zinc-lead-silver-iron sulphide ore and the property also ships copper-iron-silver-gold ore, being one of the unique mines of the world in the variety of minerals produced.

RADIUM

A relatively small area of land in southwestern Colorado and extending into southeastern Utah has furnished almost half of the world's supply of radium, a brilliant white metal that melts sharply at about 700 degrees centigrade, but which is produced in such minute quantities that it is handled in the form of a compound and packed in small glass tubes encased in lead as protection to those who must handle it. World production of radium element from 1898 to 1928, inclusive, is given by the United States bureau of mines at 575 grams, of which 250 grams was produced in this country, mostly from ores mined in the Paradox valley in southwestern Colorado.

Radium is one of the most precious articles of commerce, costing many times as much as ordinary fine-quality

gems. During the world war the price of the product reached $125,000 and occasionally $135,000 or more a gram. The price at present is $70,000 a gram except for large orders for charitable institutions. Emeralds and rubies rarely exceed a value of $1,000 a carat, or $5,000 a gram. One gram of radium is 14 times more valuable than a gram of these gems. A gram of gold is worth only 66 cents. For about 10 years, 1913 to 1922, the Colorado deposits practically dominated the world situation, but since 1923 very little radium has been isolated in this country. This was due to economic conditions and not to any exhaustion of supply. In 1923 a Belgian company, a subsidiary of a government-controlled concern, cut the price of radium from $100,000 and more to $70,000 a gram, approximately the cost of producing it from carnotite ores in this country.

Ores from Colorado, including pitchblende from Gilpin county and carnotite from Montrose county, were used in perfecting the discovery of radium. The way to the discovery was opened in 1895 by Roentgen, who found that a glow from a Crooke's tube contained penetrating rays which he called X-rays. It was then found that uranium salts produced photographic impressions even when enveloped with opaque substances. To Marie Sklovouski, a young Polish student, who later became Madam Curie, was delegated the task of learning how and why uranium possessed powers to emit these peculiar rays. Out of these investigations resulted in the discovery of radium and a world search for radioactive substances began. As early as 1881 the yellow ore which became known as carnotite was mined in western Colorado for small quantities of gold found in pockets. In 1896, after being informed by the Smithsonian institution that specimens they had sent in contained uranium, Kimball and Logan mined 10 tons of the ore and sold it in Denver for $2,700. In 1899 Poule and Voillegue sent specimens to France and there the new ore was named carnotite in honor of M. Carnot, then president of the Republic.

"Radioactivity" is a term generally applied to a class of substances, such as uranium, thorium, radium and their compounds, that possess the property of spontaneously emitting radiations capable of passing through plates of metals and other substances opaque to ordinary light. This is a result of the explosion of atoms. In a single gram of uranium, 5,000 atoms break down each second. Nevertheless, it is estimated that in spite of the large number of atoms that break down each second, it would take five billion years for even one-half of a given piece of uranium to dissipate itself spontaneously. The half-life of radium is placed at 1,520 to 2,500 years. The principal use of radium is for the treatment of cancer. It is also employed for the manufacture of luminous paints used on watch and clock dials, electric switch buttons, keyholes and like products. It was extensively used during the world war to eliminate lights that might betray to the enemy the presence of troops.

MOLYBDENUM

Colorado ranks first among the states of the Union and the United States ranks first among the countries of the world in the production of molybdenum, a rare metal used extensively in the manufacture of special steels. In 1929, the latest year for which comparative figures are available, Colorado produced 3,529,295 pounds of metallic molybdenum in concentrates, or 90.4 per cent of the production in the United States and 80.5 per cent of the world output.

Molybdenum, chiefly in the form of calcium molybdate, is used extensively in the manufacture of special steels for aircraft and automobiles, for fabrication into bearings, steel castings and in corrosion and high-temperature resisting alloys for many purposes. Next to steel, radio tubes constitute the largest outlet for molybdenum. A very large quantity of the metal is used in the manufacture of wire for the radio industry. A substantial quantity is consumed in the manufacture of chemicals and dyes.

The Colorado output comes almost altogether from the properties of the Climax Molybdenum company, in Lake county, 14 miles north of Leadville. B. S. Butler and John W. Vanderwilt of the United States geological survey describe this development as "the largest metal-mining operation in the history of Colorado mining," and other authorities class it as the largest producer of molybdenum in the world. Charles W. Henderson, of the United States bureau of mines, quotes the company as estimating on October 1, 1930, that development of about one-

third of the structure has proven 50,000,000 tons of ore. The known ore reserves of the deposit had been increased to 85,000,000 tons in 1931. As only part of the area has been developed and none of it to any great depth, there can be no doubt that much ore in addition to that now known will be found. The Colorado supply is estimated to be suffciently large to meet the world demand for 200 years.

The production of molybdenum is comparatively a new development. In 1913 there was little production in the United States and from 3 to 10 tons were imported annually. One of the reasons given why the steel industry was not interested was a lack of knowledge that an adequate supply was available. In that year, possibly as a forerunner of the world war, the demand for molybdenum suddenly increased in Europe and in 1914 a small quantity was publicly reported in the mineral resources of the United States. The Climax company produced a small quantity in 1915 and 1916, and none in 1917. Production ceased in 1920, 1921, 1922 and 1923.

Production in Colorado and the United States of metallic molybdenum in concentrates in pounds, by years, as reported by Mr. Henderson, and others, is as follows:

Year	Colo.	U. S.
1918	342,200	861,637
1919	152,648	297,926
1920	.....	34,900
1921	.....	.....
1922	.....	.....
1923	.....	22,667
1924	156,935	297,174
1925	821,757	1,154,050
1926	1,057,367	1,371,000
1927	1,858,228	2,286,075
1928	2,957,845	3,329,214
1929	3,529,295	3,904,648
1930	3,083,000	3,721,648
1931	2,644,399	3,132,836
1932	1,913,395	2,431,673
1933	4,965,000	.....

TUNGSTEN

The production of tungsten in Colorado began in 1904 and a few years later the state became known as one of the principal sources of supply for that metal. In its report on mining progress in 1906 the United States bureau of mines said that experiments under way for some time resulted that year in the "producing of a remarkable incandescent lamp, the filament of which is made of metallic tungsten." The Nederlands district in Boulder county supplied most of the state's output of tungsten and the development of the tungsten lamp, along with other uses for the metal, soon brought about a rapid development of the industry. Charles W. Henderson of the bureau of mines estimates the value of the output down to the end of 1930 at $19,525,000. The peak was reached in 1916 in value, with an output of $4,666,301, and in 1917 in quantity, when 2,707 short tons of concentrates were produced. In the last named year the value of Colorado's production was 44.1 per cent of the total for the United States. In 1929 the state's proportion was 18.3 per cent. Production began a decline due to the importation of wolframite ore, from which tungsten is obtained, from China in 1919. Production ceased altogether in 1921 and 1922 and on September 22, 1922, a duty of 200 per cent was imposed to protect the industry. Production was resumed the following year.

The production of tungsten ore (60 per cent concentrates) and value, for Colorado, by years, is as follows:

Year	Short Tons	Value
1907	(a)	$ 573,643
1908	(a)	204,465
1909	(a)	391,160
1910	1,221	535,567
1911	730	234,513
1912	812	297,533
1913	952	428,760
1914	467	182,013
1915	963	2,311,200
1916	2,401	4,666,301
1917	2,707	2,994,000
1918	1,910	2,595,800
1919	130	78,334
1920	216	101,800
1921	...	.....
1922	...	.....
1923	241	144,000
1924	(a)	(a)
1925	201	(a)
1926	232	148,200
1927	332	209,007
1928	229	149,423
1929	152	124,416
1930	47	37,050
1931	98	73,563

(a) Not reported separately.

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY YEARS—1858-1932

(U. S. Bureau of Mines)

YEAR	GOLD	SILVER		COPPER		LEAD		ZINC		Total Value
	Total Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
1858-67	$ 25,021,784	302,829	$ 406,139	--------	--------	--------	--------	--------	--------	$ 25,427,923
1868	2,010,000	200,716	266,150	50,000	$ 11,500	--------	--------	--------	--------	2,287,650
1869	3,180,000	475,472	630,000	102,000	24,735	150,000	$ 9,000	--------	--------	3,843,735
1870	3,015,000	496,988	660,000	182,500	38,654	250,000	15,000	--------	--------	3,728,654
1871	3,633,951	776,648	1,029,059	183,000	44,140	555,000	33,300	--------	--------	4,740,450
1872	2,646,463	1,524,206	2,015,000	204,000	72,542	1,150,000	73,600	--------	--------	4,807,605
1873	2,018,931	1,543,047	2,001,331	379,493	106,258	1,236,400	74,184	--------	--------	4,200,704
1874	2,152,487	2,348,174	3,000,966	475,541	104,619	1,277,933	76,676	--------	--------	5,334,748
1875	2,224,568	2,330,291	2,889,560	280,815	63,745	1,636,000	94,888	--------	--------	5,272,761
1876	2,726,311	2,564,403	2,974,707	333,333	70,000	1,334,020	81,375	--------	--------	5,852,393
1877	3,148,708	2,882,121	3,458,546	493,664	93,796	4,286,364	235,750	--------	--------	6,936,800
1878	3,240,348	4,672,961	5,373,904	536,145	89,000	13,722,222	494,000	--------	--------	9,197,252
1879	3,193,500	11,899,335	13,327,257	704,301	131,000	47,348,000	1,941,268	--------	--------	18,593,025
1880	3,252,514	14,397,539	16,557,170	859,000	183,826	71,348,000	3,567,400	--------	--------	23,560,910
1881	3,300,000	13,272,188	14,997,572	884,000	160,888	81,094,000	3,892,512	--------	--------	22,350,972
1882	3,360,000	12,761,719	14,548,359	1,494,000	285,354	110,000,000	5,390,000	--------	--------	23,583,713
1883	4,100,000	13,434,610	14,912,417	1,152,652	190,188	141,114,000	6,067,902	--------	--------	25,270,507
1884	4,300,000	12,375,000	13,736,251	2,013,125	261,706	126,330,000	4,674,209	--------	--------	22,972,166
1885	4,203,425	12,220,982	13,076,451	1,146,460	123,818	106,692,000	4,160,989	100,000	$ 4,300	21,568,983
1886	4,450,000	12,375,000	12,251,250	1,146,460	127,257	118,000,000	5,428,000	100,000	4,400	22,260,907
1887	4,000,000	11,601,563	11,369,534	2,012,027	277,660	126,000,000	5,670,000	100,000	4,600	21,321,794
1888	3,758,099	14,695,313	13,813,596	1,621,100	272,345	128,404,000	5,649,777	300,000	14,700	23,508,517
1889	3,883,859	18,375,136	17,272,629	1,170,053	157,956	133,940,000	5,223,660	300,000	15,000	26,553,104
1890	4,151,132	18,800,000	19,740,000	3,585,691	559,368	109,192,000	4,913,639	300,000	16,500	29,380,639
1891	4,600,000	21,160,000	20,948,401	6,336,878	811,121	126,256,000	5,429,009	300,000	15,000	31,803,531
1892	5,300,000	24,000,000	20,880,000	7,593,674	880,866	120,000,000	4,800,001	1,125,000	51,750	31,912,617
1893	7,527,000	25,838,600	20,154,107	7,695,826	831,149	110,000,000	4,070,000	1,650,000	66,000	32,648,256
1894	9,491,514	23,281,398	14,667,281	6,481,413	615,734	101,226,000	3,340,458	1,500,000	52,500	28,167,487
1895	13,305,100	23,398,500	15,209,024	6,079,243	650,479	93,968,000	3,006,975	1,671,000	60,156	32,231,734
1896	14,911,000	22,573,000	15,349,642	6,022,176	650,395	89,606,000	2,688,178	1,292,000	50,388	33,649,603
1897	19,579,433	21,278,202	12,766,919	9,149,967	1,097,995	80,794,286	2,908,592	2,683,989	110,044	36,462,983
1898	23,534,532	23,502,601	13,866,532	10,870,701	1,347,965	113,416,138	4,309,813	3,900,656	179,430	43,238,272
1899	26,508,675	23,114,688	13,868,811	7,356,970	1,258,041	138,048,446	6,212,178	11,300,656	655,438	48,503,143
1900	28,762,036	20,336,512	12,608,637	7,826,815	1,299,251	164,274,762	7,228,090	16,282,055	716,410	50,614,424

1901	27,679,443	18,492,563	11,095,538	7,872,529	1,314,712	148,111,020	6,368,772	26,843,731	1,100,593	47,559,058
1902	28,516,914	15,941,523	8,449,008	8,463,938	1,132,601	106,296,827	4,358,169	52,582,510	2,523,963	44,980,655
1903	21,605,357	13,245,438	7,152,536	7,809,920	1,069,958	101,513,414	4,263,566	80,616,000	4,353,263	38,444,680
1904	24,242,485	12,960,792	7,517,260	9,412,707	1,204,828	107,498,854	4,622,453	66,771,590	3,405,353	40,992,379
1905	25,295,222	12,339,435	7,527,056	9,661,546	1,507,201	115,746,777	5,440,098	83,561,396	4,930,123	44,699,700
1906	22,905,671	12,339,052	8,390,553	6,618,332	1,277,338	106,646,506	6,078,850	86,012,903	5,246,787	43,899,199
1907	20,307,648	11,599,514	7,655,679	8,826,254	1,765,251	89,065,232	4,720,457	85,048,564	5,017,865	39,466,960
1908	22,595,571	9,002,316	4,771,227	10,201,123	1,346,547	61,645,671	2,589,118	30,130,002	1,416,110	32,718,573
1909	21,984,008	8,904,701	4,630,444	10,916,191	1,419,105	72,162,326	3,102,980	51,210,260	2,765,354	33,901,891
1910	20,505,614	8,508,942	4,594,829	8,359,307	1,061,632	76,058,775	3,346,586	77,089,648	4,162,841	33,671,502
1911	19,001,975	7,330,168	3,884,989	8,024,488	1,003,061	69,679,289	3,135,568	94,607,456	5,392,625	32,418,218
1912	18,588,562	8,212,070	5,050,423	7,107,303	1,172,705	75,242,267	3,385,902	132,222,812	9,123,374	37,320,966
1913	18,146,916	9,325,255	5,632,454	7,227,826	1,120,313	87,897,773	3,867,502	119,346,429	6,683,400	35,450,585
1914	19,883,105	8,796,065	4,864,224	6,639,173	883,010	74,211,898	2,894,264	96,774,960	4,935,523	33,460,126
1915	22,414,944	7,027,972	3,563,182	7,112,537	1,244,694	68,810,597	3,234,098	104,594,994	12,969,779	43,426,697
1916	19,153,821	7,656,544	5,038,006	8,624,081	2,121,524	70,914,087	4,893,072	134,285,463	17,994,252	49,200,675
1917	15,729,224	7,304,353	6,018,787	8,122,004	2,217,307	67,990,012	5,847,141	120,315,775	12,272,209	42,084,668
1918	12,751,718	7,063,554	7,063,554	6,277,332	1,550,501	65,960,760	4,683,214	89,133,901	8,111,185	34,160,172
1919	9,886,627	5,758,010	6,448,971	3,560,207	662,198	37,070,241	1,964,722	37,220,493	2,717,096	21,679,614
1920	7,576,319	5,409,335	5,896,175	4,043,734	744,047	46,629,788	3,730,383	48,790,742	3,952,050	21,898,974
1921	6,835,328	5,631,657	5,631,657	4,153,442	535,794	19,660,466	884,721	2,360,000	118,000	14,005,500
1922	6,373,419	5,855,911	5,855,911	3,373,454	455,416	23,477,200	1,291,246	23,258,000	1,325,706	15,301,698
1923	6,591,629	5,334,488	4,374,280	4,248,109	624,472	45,698,185	3,198,873	54,152,000	3,682,336	18,471,590
1924	8,593,116	3,254,370	2,180,428	2,713,219	355,432	47,557,061	3,804,565	56,727,000	3,687,255	18,620,796
1925	7,227,022	4,506,940	3,127,816	2,360,500	335,191	62,966,000	5,478,042	61,621,000	4,683,196	20,851,267
1926	7,078,033	4,704,122	2,935,372	3,403,850	476,539	68,987,800	5,519,024	65,000,000	4,875,000	20,883,968
1927	5,279,118	3,784,605	2,145,871	5,670,581	742,846	66,772,557	4,206,671	71,729,000	4,590,656	16,965,162
1928	5,304,876	4,052,253	2,370,568	8,594,646	1,237,629	53,501,723	3,103,100	71,462,000	4,359,182	16,375,355
1929	4,417,358	4,397,377	2,343,802	8,905,074	1,567,293	48,889,906	3,080,064	58,861,000	3,884,826	15,293,343
1930	4,517,619	4,382,852	1,687,398	10,514,000	1,366,820	44,260,000	2,213,000	72,518,000	3,480,864	13,265,701
1931	4,822,734	2,195,914	636,815	8,165,000	743,015	13,768,000	509,416	32,373,000	1,230,174	7,942,154
1932	6,572,154	1,860,408	524,635	7,398,000	466,074	4,299,000	128,970	218,000	6,540	7,698,373
Totals	$726,873,920	661,988,241	$519,686,650	320,803,430	$47,618,405	4,611,639,583	$217,705,030	2,230,343,985	$157,014,096	$1,668,898,101

Note—1933 figures, shown in the text, are preliminary and subject to revision, so are not included here.

TOTAL PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO, BY COUNTIES, TO THE END OF 1932

Period	County	GOLD	SILVER		COPPER		LEAD		ZINC		Total Gold, Silver, Copper, Lead and Zinc Value
		Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
1922-1932	Adams	$ 23,081	165	$ 94							$ 23,175
1928-	Alamosa	11									11
1858-1932	Arapahoe	8,515	101	64							8,579
1897-1904	Archuleta	1,489	505	302							1,791
1900-1917	Baca	292	356	226	21,511	$ 4,441					4,959
1859-1932	Boulder	16,490,216	8,240,248	7,719,085	978,655	150,014	7,228,558	$ 399,936			24,759,251
1859-1932	Chaffee	7,422,408	5,245,530	4,248,963	9,666,962	1,730,319	131,072,764	5,790,232	28,865,705	$ 2,511,825	21,703,747
1859-1932	Clear Creek	23,216,838	58,773,349	52,942,648	12,071,919	1,949,087	181,258,219	8,323,525	31,510,221	2,287,772	88,719,870
1861-1906	Conejos	38,445	55,823	33,278	4,815	797	3,400	149			72,669
1875-1932	Costilla	43,727	2,726	1,598	1,827	239	50,048	1,802			47,366
1872-1932	Custer	2,190,364	4,578,961	4,570,245	567,125	106,940	39,730,496	1,998,390	217,227	14,787	8,880,726
1894-1910	Delta	4,273	306	176							4,449
1929-1932	Denver	1,359	7	2							1,361
1879-1931	Dolores	2,037,332	12,698,345	9,776,236	8,066,339	1,415,808	72,473,485	3,977,518	45,960,116	3,032,871	20,239,765
1858-1932	Douglas	6,495	168	130							6,625
1879-1932	Eagle	3,408,712	13,536,945	8,884,691	29,888,373	3,560,802	116,356,592	5,599,671	274,062,129	20,670,214	42,124,090
1926-1932	Elbert	759									759
1913-1914	El Paso				13,276	2,000					2,000
1881-1932	Fremont	81,828	92,323	85,743	667,955	120,562	691,477	29,243	1,494,769	108,255	425,631
1885-1927	Garfield	16,935	722	437	1,044	153	10,142	639			18,164
1859-1932	Gilpin	85,296,799	10,714,261	8,644,570	25,829,887	4,221,476	36,795,980	1,641,142	489,113	35,015	99,839,002
1896-1932	Grand	13,223	4,656	3,538	5,171	805	4,345	248			17,814
1861-1932	Gunnison	2,303,480	5,612,964	5,015,972	1,032,070	187,557	49,638,553	2,477,333	26,028,150	2,148,973	12,133,315
1875-1932	Hinsdale	1,461,317	5,736,656	4,645,260	2,906,838	409,419	98,298,199	4,073,541	1,283,634	70,273	10,659,810
1875-1932	Huerfano	3,511	1,176	698	92	11	1,067	38			4,258

1932	Jackson	67	--------	--------	--------	--------	--------	--------	--------	--------	67
1858-1932	Jefferson	62,669	7,058	4,631	20,695	3,347	10,863	398	--------	--------	71,045
1859-1932	Lake	54,042,256	234,507,957	191,753,801	101,615,589	14,547,032	2,018,369,361	91,822,396	1,382,951,034	94,670,522	446,836,007
1925-1932	La Plata	269,033	153,978	84,800	97	14	143,790	8,548	--------	--------	362,395
1878-1924	La Plata-Montezuma	3,612,156	1,766,360	1,137,638	278,979	45,087	260,093	12,185	--------	--------	4,807,066
1932	Larimer	56	--------	--------	--------	--------	--------	--------	--------	--------	56
1895-1917	Larimer-Jackson	24,304	2,502	1,735	235,328	38,647	--------	--------	30,722	1,659	66,345
1887-1899	Las Animas	2,094	20	15	--------	--------	--------	--------	--------	--------	2,109
1885-1932	Mesa	5,076	5,044	3,033	37,375	5,512	20	1	--------	--------	13,622
1891-1930	Mineral	2,731,645	47,529,941	30,932,303	275,088	44,187	199,542,449	8,873,457	27,662,407	1,518,005	44,099,597
1924-1932	Moffat	2,553	231	90	44,000	5,800	--------	--------	--------	--------	8,443
1929-1932	Montezuma	190	--------	--------	--------	--------	--------	--------	--------	--------	190
1886-1932	Montrose	50,826	212,993	137,355	532,592	93,899	64	3	--------	--------	282,083
1878-1932	Ouray	36,510,857	42,303,358	32,568,455	23,719,861	3,409,040	164,847,550	7,320,663	1,508,650	122,976	79,931,991
1859-1932	Park	15,089,864	7,120,253	6,980,572	2,190,386	402,311	44,490,815	1,965,616	2,993,532	196,964	24,635,327
1880-1932	Pitkin	581,788	98,729,708	74,000,180	1,129,463	197,534	580,113,279	26,824,008	19,127,002	1,222,195	102,825,705
1894-1901	Pueblo	793	90	55	210	35	--------	--------	--------	--------	883
1870-1932	Rio Grande	2,900,326	184,165	174,589	129,397	20,807	109,847	6,133	--------	--------	3,101,855
1866-1922	Routt-Moffat	388,865	28,941	19,696	78,570	16,704	139,536	5,205	--------	--------	430,470
1931-1932	Routt	543	14	4	--------	--------	--------	--------	--------	--------	547
1880-1932	Saguache	351,000	5,130,364	3,379,206	13,907,054	2,065,824	34,122,256	2,064,404	3,035,548	215,762	8,076,196
1873-1932	San Juan	26,629,352	35,434,087	24,032,832	65,647,018	9,763,731	446,420,095	24,289,902	205,387,684	14,118,831	98,834,648
1875-1932	San Miguel	65,544,552	47,759,203	34,753,432	18,057,965	2,930,106	223,531,190	12,455,069	19,545,182	1,418,619	117,101,778
1859-1932	Summit	19,970,168	13,890,521	11,906,545	1,179,443	168,275	165,924,438	7,743,587	158,191,160	12,648,578	52,437,153
1891-1932	Teller	354,022,693	1,923,946	1,240,587	451	83	612	49	--------	--------	355,263,412
1888	Miscellaneous	8,785	1,214	1,141	--------	--------	--------	--------	--------	--------	9,926
	Totals	$726,873,920	661,988,241	$519,686,651	320,803,420	$47,618,405	4,611,639,583	$217,705,031	2,230,343,985	$157,014,096	$1,668,898,103

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD, AND ZINC IN COLORADO IN 1931, BY COUNTIES

(In terms of recovered or recoverable metals)

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

COUNTY	Mines Prod.			GOLD	SILVER		COPPER		LEAD		ZINC		Total Value
	Lode	Placer	Total	Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Adams	---	3	3	$ 1,365	7	$ 2	------	------	------	------	------	------	$ 1,367
Arapahoe	---	1	1	232	------	------	------	------	------	------	------	------	232
Boulder	71	---	71	27,608	3,545	1,028	------	------	4,595	$ 170	------	------	28,806
Chaffee	1	18	19	2,532	14	4	------	------	------	------	------	------	2,536
Clear Creek	31	41	72	75,502	22,614	6,558	8,758	$ 797	94,000	3,478	------	------	86,335
Custer	2	---	2	676	410	119	------	------	15,487	573	------	------	1,368
Denver	---	39	39	598	------	------	------	------	------	------	------	------	598
Dolores	2	---	2	697	1,648	478	2,000	182	69,000	2,553	82,000	$ 3,116	7,026
Douglas	---	23	23	808	------	------	------	------	------	------	------	------	808
Eagle	3	1	4	77,076	1,497,131	434,168	6,647,000	604,877	7,631,000	282,347	26,518,000	1,007,684	2,406,152
Elbert	---	1	1	40	------	------	------	------	------	------	------	------	40
Gilpin	28	12	40	338,404	20,807	6,034	95,000	8,645	92,700	3,430	------	------	356,513
Gunnison	5	10	15	3,797	4,107	1,191	505	46	76,784	2,841	------	------	7,875
Hinsdale	2	---	2	609	207	60	------	------	------	------	------	------	669
Jefferson	---	1	1	33	------	------	------	------	------	------	------	------	33
Lake	29	5	34	104,490	81,183	23,543	33,308	3,031	2,940,514	108,799	5,773,000	219,374	459,237
La Plata	10	---	10	12,752	2,317	672	------	------	190	7	------	------	13,431
Moffat	2	4	6	185	100	29	18,000	1,638	------	------	------	------	1,852
Montrose	---	4	4	376	7	2	------	------	------	------	------	------	378
Ouray	9	3	12	201,764	40,586	11,770	73,331	6,673	368,052	13,618	------	------	233,825
Park	15	1	16	871,789	28,531	8,274	21,198	1,929	779,190	28,830	------	------	910,822
Pitkin	7	---	7	1,772	37,169	10,779	1,000	91	282,000	10,434	------	------	23,076
Rio Grande	4	---	4	1,053	76	22	------	------	------	------	------	------	1,075
Routt	---	1	1	94	------	------	------	------	------	------	------	------	94
Saguache	3	---	3	164	1,507	437	5,000	455	62,000	2,294	------	------	3,350
San Juan	10	---	10	647,208	430,793	124,930	1,250,505	113,796	1,134,000	41,958	------	------	927,892
San Miguel	23	4	27	45,667	9,324	2,704	5,395	491	183,488	6,789	------	------	55,651
Summit	6	21	27	19,674	5,631	1,633	4,000	364	35,000	1,295	------	------	22,966
Teller	77	2	79	2,385,769	8,200	2,378	------	------	------	------	------	------	2,388,147
Total, 1931	340	195	535	$4,822,734	2,195,914	$ 636,815	8,165,000	$ 743,015	13,768,000	$ 509,416	32,373,000	$1,230,174	$ 7,942,154
Total, 1930	313	21	334	4,517,619	4,382,852	1,687,398	10,514,000	1,366,820	44,260,000	2,213,000	72,518,000	3,480,864	13,265,701

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO, BY COUNTIES, IN 1932

(In terms of recovered or recoverable metals)

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

COUNTY	Mines Prod.			GOLD†	SILVER†		COPPER		LEAD		ZINC		Total
	Placer	Lode	Total	Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	Value
Adams	---	4	4	$ 246	4	$ 1	------	------	------	------	------	------	$ 247
Arapahoe	---	1	1	32	------	------	------	------	------	------	------	------	32
Boulder	148	10	158	79,908	9,695	2,734	------	------	9,000	$ 270	------	------	82,912
Chaffee	12	17	29	3,103	741	209	------	------	6,000	180	------	------	3,492
Clear Creek	52	37	89	120,174	28,124	7,931	6,000	$ 378	75,000	2,250	------	------	130,733
Costilla	---	1	1	158	------	------	------	------	------	------	------	------	158
Custer	2	---	2	24	14	4	------	------	------	------	------	------	28
Denver	---	12	12	646	7	2	------	------	------	------	------	------	648
Douglas	---	3	3	706	7	2	------	------	------	------	------	------	708
Eagle	6	2	8	59,982	1,110,819	313,251	5,620,000	354,060	441,000	13,230	------	------	740,523
Elbert	---	3	3	571	------	------	------	------	------	------	------	------	571
Fremont	2	2	4	642	4	1	------	------	------	------	------	------	643
Gilpin	54	66	120	328,253	24,943	7,034	46,000	2,898	189,000	5,670	84,000	$ 2,520	346,375
Grand	---	1	1	37	------	------	------	------	------	------	------	------	37
Gunnison	8	10	18	2,387	57	16	------	------	------	------	------	------	2,403
Hinsdale	2	---	2	1,429	99	28	------	------	2,000	60	------	------	1,517
Huerfano	---	1	1	37	------	------	------	------	------	------	------	------	37
Jackson	---	1	1	67	------	------	------	------	------	------	------	------	67
Jefferson	---	5	5	240	------	------	------	------	------	------	------	------	240
Lake	18	11	29	129,696	16,766	4,728	6,000	378	152,000	4,560	126,000	3,780	143,142
La Plata	12	2	14	30,357	6,968	1,965	------	------	7,000	210	------	------	32,532
Larimer	2	---	2	56	------	------	------	------	------	------	------	------	56
Mesa	---	1	1	36	------	------	------	------	------	------	------	------	36
Moffat	---	13	13	1,249	4	1	------	------	------	------	------	------	1,250
Montezuma	---	1	1	39	------	------	------	------	------	------	------	------	39
Montrose	---	18	18	2,061	28	8	------	------	------	------	------	------	2,069
Ouray	12	3	15	257,949	47,780	13,474	90,000	5,670	314,000	9,420	8,000	240	286,753
Park	18	38	56	2,599,477	63,220	17,828	60,300	3,799	1,615,000	48,450	------	------	2,669,554
Pitkin	2	1	3	1,883	45,993	12,970	------	------	228,000	6,840	------	------	21,693
Rio Grande	2	1	3	186	7	2	------	------	------	------	------	------	188
Routt	---	8	8	449	14	4	------	------	------	------	------	------	453
Saguache	5	---	5	1,212	32	9	------	------	------	------	------	------	1,221
San Juan	9	---	9	586,418	491,195	138,517	1,568,000	98,784	1,239,000	37,170	------	------	860,889
San Miguel	25	10	35	68,542	4,745	1,338	1,000	63	21,000	630	------	------	70,573
Summit	7	49	56	33,096	1,479	417	700	44	1,000	30	------	------	33,587
Teller	80	3	83	2,260,806	7,663	2,161	------	------	------	------	------	------	2,262,967
Total, 1932	478	335	813	$6,572,154	1,860,408	$ 524,635	7,398,000	$ 466,074	4,299,000	$ 128,970	218,000	$ 6,540	$7,698,373
Total, 1931	340	195	535	4,822,734	2,195,914	636,815	8,165,000	743,015	13,768,000	509,416	32,373,000	1,230,174	7,942,154
Increase or decrease from 1931	+138	+140	+278	+$1,749,420	—335,506	—$112,180	—767,000	—$276,941	—9,469,000	—$380,446	—32,155,000	—$1,223,634	—$243,781

†Includes placer production as follows: 1932—$51,655 in gold, 571 ounces of silver. 1931—$21,586 in gold, 190 ounces of silver. Average value of metals for 1932: Gold, $20.671835 per ounce; silver, $0.282 per ounce; copper, $0.063 per pound; lead, $0.030 per pound; zinc, $0.030 per pound. Average value of metals for 1931: Gold, $20.671835 per ounce; silver, $0.29 per ounce; copper, $0.091 per pound; lead, $0.037 per pound; zinc, $0.038 per pound.

GOLD, SILVER, COPPER, LEAD AND ZINC MINED IN COLORADO IN 1933*, BY COUNTIES

(In terms of recovered or recoverable metals)

(Preliminary figures by Chas. W. Henderson, United States Bureau of Mines, Department of Commere)

COUNTY	GOLD† Value	SILVER‡ Fine Ounces	SILVER‡ Value	COPPER Pounds	COPPER Value	LEAD Pounds	LEAD Value	ZINC Pounds	ZINC Value	Total Value
Adams	$ 331	3	$ 1	------	------	------	------	------	------	$ 332
Arapahoe	41	------	------	------	------	------	------	------	------	41
Boulder	90,625	11,715	4,041	------	------	2,000	$ 74	------	------	94,740
Chaffee	8,641	2,036	702	400	$ 26	17,000	629	------	------	9,998
Clear Creek	115,473	32,884	11,345	13,000	832	226,000	8,362	------	------	136,012
Costilla	331	2	1	------	------	------	------	------	------	332
Custer	62	1	------	------	------	------	------	------	------	62
Delta	103	------	------	------	------	------	------	------	------	103
Denver	434	9	3	------	------	------	------	------	------	437
Dolores	3,101	5,997	2,069	------	------	11,000	407	------	------	5,577
Douglas	331	------	------	------	------	------	------	------	------	331
Eagle	90,047	1,487,394	513,151	8,119,600	519,654	5,000	185	------	------	1,123,037
Elbert	248	------	------	------	------	------	------	------	------	248
Fremont	103	1	------	------	------	3,000	111	------	------	214
Garfield	41	------	------	------	------	------	------	------	------	41
Gilpin	84,238	6,729	2,321	12,000	768	72,000	2,664	------	------	89,991
Gunnison	23,649	5,758	1,986	12,000	768	15,000	555	------	------	26,958
Jackson	103	------	------	------	------	------	------	------	------	103
Jefferson	7,463	59	20	------	------	------	------	------	------	7,483
Lake	219,969	38,231	13,190	16,000	1,024	960,000	35,520	2,491,000	$ 107,113	376,816
La Plata	39,173	14,778	5,099	------	------	10,000	370	------	------	44,642
Mineral	186	------	------	------	------	------	------	------	------	186
Moffat	4,837	1	------	------	------	------	------	------	------	4,837
Montezuma	3,638	151	52	------	------	------	------	------	------	3,690
Montrose	3,494	52	18	------	------	------	------	------	------	3,512
Ouray	204,961	53,536	18,470	165,000	10,560	261,000	9,657	------	------	243,648
Park	1,218,563	34,415	11,873	40,000	2,560	1,318,000	48,766	------	------	1,281,762
Pitkin	186	108,555	37,452	------	------	181,000	6,697	------	------	44,335
Rio Grande	310	28	10	------	------	------	------	------	------	320
Routt	186	5	2	------	------	------	------	------	------	188
Saguache	682	2,252	777	3,000	192	85,000	3,145	------	------	4,796
San Juan	510,966	413,061	142,506	1,540,000	98,560	1,170,000	43,290	------	------	795,322
San Miguel	55,669	15,923	5,494	27,000	1,728	137,000	5,069	------	------	67,960
Summit	57,406	2,830	977	------	------	37,000	1,369	------	------	59,752
Teller	2,257,158	6,240	2,153	------	------	------	------	------	------	2,259,311
Total, 1933§	$5,002,749	2,242,646	$ 773,713	9,948,000	$ 636,672	4,510,000	$ 166,870	2,491,000	$ 107,113	¶$6,687,117
Total, 1932	6,572,154	1,860,408	524,635	7,398,000	466,074	4,299,000	128,970	218,000	6,540	£7,698,373
Increase or decrease from 1932	—$1,569,405	+382,238	+$ 249,078	+2,550,000	+$ 170,598	+211,000	+$ 37,900	+2,273,000	+$ 100,573	—$1,011,256

*Actual 11½ months' figures, with estimate for the last half of December. †At legal coinage value of $20.671835 per fine ounce. Calculating gold produced from August through December at the world price and Reconstruction Finance Corporation price would add approximately $970,000. ‡Includes small amount produced from placer operations. §Includes placer production, 2,784 fine ounces ($57,551)†, of which 1,430 ounces were from dredging in 1933, compared with 2,499 ounces in 1932 ($51,655), of which 1,122 ounces were from dredging. ¶Average value of metals: Gold, $20.671835 per fine ounce; silver, $0.345 per fine ounce; copper, $0.064 per pound; lead, $0.037 per pound; zinc, $0.043 per pound. £Average value of metals: Gold, $20.671835 per ounce; silver, $0.282 per ounce; copper, $0.063 per pound; lead, $0.030 per pound; zinc, $0.030 per pound.

MINE VALUES OF PRINCIPAL PRODUCTS OF METAL-MINING INDUSTRIES IN COLORADO, 1929

(Compiled from Census Reports)

Note.—Values in this table are net amounts received f. o. b. the mines, or their equivalents and differ from values reported by the Bureau of Mines.

	Gold	Silver	Copper	Lead	Zinc	Total
By copper-mining enterprises	$ 62,645	$ 593,983	$ 709,263	$ 295,391	$ 35,769	$1,697,051
By lead-mining enterprises	177,463	404,101	136,497	1,112,756	773,176	2,603,993
By zinc-mining enterprises	9,893	71,159	5,637	194,544	618,800	900,033
By gold-mining (lode) enterprises	3,050,119	152,778	71,802	48,564	902	3,324,165
By gold-mining (placer) enterprises	38,496	232	------	------	------	38,728
By silver-mining enterprises	5,834	226,884	2,370	59,105	6,275	300,468
Total mine value	$3,344,450	$1,449,137	$ 925,569	$1,710,360	$1,434,922	$8,864,438
Percentages:						
By copper-mining enterprises	1.87	40.99	76.63	17.27	2.49	19.14
By lead-mining enterprises	5.31	27.88	14.75	65.06	53.89	29.38
By zinc-mining enterprises	0.30	4.91	0.61	11.37	43.12	10.15
By gold-mining (lode) enterprises	91.20	10.54	7.76	2.84	0.06	37.50
By gold-mining (placer) enterprises	1.15	0.02	----	----	----	0.44
By silver-mining enterprises	0.17	15.66	0.25	3.46	0.44	3.39
Total	100.00	100.00	100.00	100.00	100.00	100.00

NON-METAL MINERALS

Non-metallic minerals, of which there is a wide distribution and variety in Colorado, now exceed in value the output of metals and are of growing importance to the state because of the new uses being developed for them. Among the more important non-metals now being produced commercially in the state are coal, petroleum, natural gas, coke, fluorspar, gypsum, feldspar, clay, lime, barite, stone, sand and gravel, mica and cement. Several of these are discussed in detail under separate headings. A table published herewith shows the output and value of a number of these minerals. In some instances, however, statistics are not made public, due to the fact that they would disclose individual operations.

Many of these minerals are awaiting the development of manufacturing industries for their processing into finished products and furnish advantageous openings for new industries. All of the materials used in the production of glass, for example, are to be found in the state. These include the most desirable grades of glass sand, fluorspar, natural gas and other raw materials going into the manufacture of that product. Minerals used in the making of paints and varnishes, porcelain, opalescent glass such as is used by opticians, glazes on pottery and many other uses are found in commercial quantities. Abrasive stone, marble, alabaster, cement materials, fuller's earth, mica and other minerals going extensively into manufactures abound in many parts of the state. Engineers in recent years have made extensive investigations of the possibilities for chemical manufacturing in the state on a large scale and point out that the immediate future is an opportune time for establishing a local chemical industry.

The accompanying tabulation shows the principal valuable non-metals found in the state, together with the counties where they have been reported:

Abrasive Stone—Gunnison.

Amber—Boulder.

Asbestos—Boulder, Chaffee, Fremont, Rio Grande.

Asphalt—Garfield, Grand, Jefferson, Mesa, Routt, Rio Blanco.

Basalt—Boulder, Delta, Eagle, Garfield, Grand, Huerfano, Jefferson, Las Animas, Mesa, Rio Blanco.

Cement Materials—Boulder, Chaffee, Fremont, Larimer, and many others.

Corundum—Chaffee, Clear Creek.

Coal—Adams, Arapahoe, Archuleta, Boulder, Delta, Dolores, Douglas, Elbert, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jackson, Jefferson, La Plata, Las Animas, Larimer, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Blanco, Routt, Weld.

Feldspar—El Paso.
Fire Clay—Bent, Boulder, Custer, Douglas, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Las Animas, Pueblo.
Fluorspar—Boulder, Chaffee, Clear Creek, Custer, Dolores, Douglas, El Paso, Fremont, Gilpin, Jefferson, Lake, Larimer, Mineral, Montezuma, Montrose, Park, San Juan, Saguache, San Miguel, Teller.
Fuller's Earth—Chaffee, Washington.
Gem Stones—Chaffee, Clear Creek, Eagle, El Paso, Fremont, Hinsdale, Jefferson, Lake, Larimer, Moffat, Park, Saguache, Teller.
Glass Sand—Bent, Fremont, Prowers, Pueblo.
Granite—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, El Paso, Fremont, Garfield, Gunnison, Jackson, Jefferson, La Plata, Larimer, Las Animas, Mineral, Moffat, Ouray, Park, Pueblo, Rio Blanco, Rio Grande.
Graphite—Chaffee, Gunnison, Las Animas.
Gypsum — Custer, Delta, Dolores, Eagle, El Paso, Fremont, Garfield, Jefferson, Larimer, Montrose.
Kaolin—Boulder, El Paso, Fremont, Huerfano, Jefferson, La Plata, Morgan, Pueblo.
Limestone—Boulder, Chaffee, Douglas, Fremont, Gunnison, Jefferson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.
Marble—Boulder, Chaffee, Gunnison, Larimer, Pueblo.
Mica—Clear Creek, Fremont, Larimer, Mesa.
Oil Shale—Garfield, Gunnison, Mesa, Moffat, Montrose, Rio Blanco.
Onyx—Gunnison.
Petroleum—Boulder, Fremont, Larimer, Mesa, Moffat, Montrose, Pueblo, Rio Blanco, Routt.
Potash—Costilla, Delta.
Sandstone—Archuleta, Boulder, Chaffee, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jackson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.
Salts of Sodium—Alamosa, Saguache.
Slate—Gunnison.
Sulphur—Gunnison, Mineral.

COAL

The annual output of coal in Colorado exceeds in volume and value that of any other product of the mines. Production in 1933 was 5,284,872 tons, valued at $15,178,360, the minimum tonnage in a period of 11 years and far below the normal output. First production of coal in the state was reported in 1864, and from that year down to the close of 1933 total output was 370,477,180 tons, valued at $757,-351,395. Gold held first place in the state in total value of output down to 1931, in which year that position was surrendered to coal. Value of gold produced in the state to the end of 1932 was $726,873,920.

In 1929, the last census year, there were 173 coal mining enterprises in the state, operating 176 mines, exclusive of those producing less than 1,000 tons annually. The industry gave employment to 10,957 persons and salaries and wages amounted to $16,899,-610. Principal expenditures, including salaries and wages, were $20,824,446.

The state coal mine inspector began the segregation of coal shipments by railroads, trucks and wagons in 1930. State totals showing tonnage shipped and used at the mines, by years, are as follows:

	Railroads	Trucks and Wagons	Used at Mines
1930.....	6,992,678	974,558	270,858
1931.....	5,308,663	1,148.184	147,216
1932.....	4,166,907	1,312,134	137,484
1933.....	3,959,809	1,193,703	131,360

The percentages of all coal mined shipped by railroads and by trucks and wagons and used at the mines, by years, are as follows:

	Railroads	Trucks and Wagons	Used at Mines
1930.....	84.9	11.8	3.3
1931.....	80.4	17.4	2.2
1932.....	74.2	23.4	2.4
1933.....	74.9	22.6	2.5

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 ranks second, being exceeded only by Wyoming, according to estimates made by the United States geological survey.

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

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

Of the area given in the above table, Mr. Campbell segregates 14,341 square miles as area in which coal probably is present and 5,413 square miles in which coal possibly is present. In the Denver region 5,380 square miles is classed as probable and 1,480 square miles as possible coal area, and in the Uinta basin, 2,780 square miles as probable and 3,720 square miles as possible coal area. The figures do not represent coal that is available at the present time, but coal that will ultimately be mined.

Professor Carpenter's estimates place the total considerably in excess of the geological survey, his estimate being 503,895,000,000 tons exclusive of the Denver and North Park regions. His estimates are as follows:

Field	Area Sq. Mi.	Tonnage
Canon City.....	40	932,000,000
Trinidad 1,035		22,198,000,000
Yampa 3,130		85,045,000,000
Uinta Basin.....2,780		76,282,000,000
South Park.....	3	18,000,000
Durango 1,840		8,504,000,000
Tongue Mesa.....	40	842,000,000
Southwest Colorado	36	74,000,000
Yampa and Uinta (below 3,000 ft.)		310,000,000,000
Total 8,904		503,895,000,000

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

Field	Area Sq. Mi.	Tonnage
Denver region....	4,300	13,590,000,000
Durango field.....	1,900	21,428,000,000
North Park.....	500	453,000,000
Trinidad	1,080	24,462,000,000
Uinta region.....	6,000	271,810,000,000
Yampa field.....	3,700	39,639,000,000
Scattered fields...	350	388,000,000
Total 17,830		371,770,000,000

Colorado, through its ownership of state school land, profits extensively from its coal deposits, its holdings of coal lands being estimated at 473,732 acres, of which 15,034 acres were under lease on June 30, 1932. From these leases 374,621 tons were mined in the 19 months ending June 30, 1932, and the state received $95,322 in rentals and royalties. Additional data on state school land will be found in the chapter under that heading.

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

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

Tables published herewith are as follows:

Summary of state coal mining industry, by years.

Colorado coal production and value, by years.

Coal production by counties in 1920, and 1928 to 1933, inclusive.

Production, value, men employed, day at Colorado coal mines in 1931 and 1932, as reported by the bureau of mines of the department of commerce.

Coal shipped by railroads, trucks and wagons, by counties, in 1931, 1932 and 1933. Coal industry in Colorado in 1929 and 1919, as shown by census reports, and percentages of increases and decreases.

COAL MINING INDUSTRY IN COLORADO IN 1929 AND 1919

(Compiled from Census Reports)

	1929	1919	Per Cent Increase (—) Decrease
Number of enterprises	173	165	7.5
Number of mines	176	164	7.3
Persons engaged:			
Proprietors and firm members	97	56	73.2
Salaried officers	75	116	—35.3
Salaried employes	365	593	—38.4
Wage earners (average number)	10,420	11,252	—7.4
Total	10,957	12,017	—8.8
Salaries and wages:			
Principal officers of corporations	$ 336,372	$ 474,251	—29.1
Other salaried officers and employes	862,378	1,102,346	—21.8
Wage earners	15,700,860	16,833,313	—6.7
Total	$16,899,610	$18,409,910	—8.2
Cost of supplies, fuel and power:			
Supplies	$ 2,616,787	$ 3,052,028	—14.3
Fuel	333,088	622,923	—46.5
Purchased electric energy	723,655	442,261	63.6
Total	$ 3,673,530	$ 4,117,212	—10.8
Contract work	$ 251,306	$ 16,381	1434.1
Principal expenses (including above items)	$20,824,446	$23,899,808	—12.0
Expenses for development (included in principal expenses)	$ 703,000	$ 1,240,692	—43.3
Value of products	$26,553,407	$28,342,195	—6.3
Coal produced, tons (2,000 pounds)	9,832,839	10,182,512	—3.4
Average value per ton	$2.70	$2.78	—2.9
Horsepower rating of power equipment	77,174	62,916	22.7
Wage earners (average) per mine	59	69	—14.5
Coal produced (tons) per mine	55,868	62,088	—10.0

COLORADO COAL PRODUCTION BY YEARS

Year	Tons	Value	Year	Tons	Value
1864 to 1872...	53,700	$ 127,400	1904	6,776,551	$ 8,751,821
1873	69,977	139,954	1905	8,989,631	10,810,978
1874	87,372	179,740	1906	10,308,421	12,735,616
1875	98,838	197,676	1907	10,965,640	15,079,449
1876	117,666	235,332	1908	9,773,007	13,586,988
1877	160,000	320,000	1909	10,772,400	14,206,012
1878	200,630	451,417	1910	12,104,887	17,026,934
1879	322,732	726,154	1911	10,197,000	14,747,764
1880	375,000	844,100	1912	11,016,948	16,345,336
1881	706,744	1,590,178	1913	9,268,939	14,035,090
1882	1,161,479	2,388,328	1914	8,201,423	13,601,718
1883	1,220,593	2,766,584	1915	8,715,397	13,599,264
1884	1,130,024	2,542,554	1916	10,522,185	16,964,104
1885	1,398,796	3,051,589	1917	12,515,305	27,669,129
1886	1,436,211	3,215,594	1918	12,658,055	33,404,743
1887	1,791,735	3,941,817	1919	10,406,543	28,748,534
1888	2,185,477	4,808,049	1920	12,514,693	42,829,000
1889	2,400,629	3,843,992	1921	9,141,947	32,377,000
1890	3,075,781	4,344,196	1922	10,003,610	31,701,000
1891	3,512,632	4,800,000	1923	10,346,218	33,299,000
1892	3,771,234	5,685,112	1924	10,501,088	32,133,000
1893	3,947,056	5,104,602	1925	10,440,387	30,694,738
1894	3,021,928	4,078,000	1926	10,616,760	29,514,593
1895	3,339,495	4,519,000	1927	9,781,580	27,192,792
1896	3,371,633	4,560,000	1928	9,921,585	27,780,438
1897	3,565,660	4,475,000	1929	9,934,064	26,325,269
1898	4,174,037	5,215,000	1930	8,238,094	19,705,845
1899	4,826,939	5,363,667	1931	6,604,063	15,586,808
1900	5,495,734	5,858,036	1932	5,616,525	12,356,355
1901	6,021,405	6,441,891	1933	5,284,872	15,178,360
1902	7,522,923	8,397,812			
1903	7,775,302	9,150,943	Totals	370,477,180	$757,351,395

COAL PRODUCTION BY COUNTIES

(From the Report of the State Coal Mine Inspector)

COUNTY	Tons 1933	Tons 1932	Tons 1931	Tons 1930	Tons 1929	Tons 1928	Tons 1920*
Adams	311	-------	-------	-------	-------	-------	-------
Arapahoe	180	290	-------	-------	-------	-------	-------
Archuleta	757	751	1,106	948	408	515	-------
Boulder	467,091	571,534	499,133	428,051	479,643	434,995	1,230,347
Delta	45,921	50,809	60,202	70,323	72,273	68,745	123,478
Dolores	-------	-------	-------	6,085	11,732	8,354	-------
Elbert	4,201	4,299	3,136	2,158	3,003	4,249	-------
El Paso	299,827	313,599	345,978	345,344	361,595	352,589	379,869
Fremont	352,593	357,987	347,356	411,455	526,927	480,069	874,766
Garfield	27,787	33,444	30,447	33,841	44,430	33,498	28,507
Gunnison	405,673	404,714	404,209	498,724	521,401	460,805	620,632
Huerfano	581,058	678,492	975,397	1,374,491	1,783,744	1,800,105	2,448,733
Jackson	28,007	43,482	44,298	48,762	56,318	66,832	50,905
Jefferson	143,043	132,380	140,374	121,085	98,755	101,169	176,427
La Plata	27,593	25,978	31,662	57,011	74,464	89,701	132,497
Larimer	5,310	4,679	1,914	-------	-------	-------	-------
Las Animas	857,290	858,537	1,333,999	1,970,599	2,564,897	2,944,211	4,345,110
Mesa	76,925	70,330	92,679	96,337	118,567	163,861	174,801
Moffat	4,923	3,215	3,953	8,445	6,025	7,396	3,173
Montezuma	5,666	5,048	4,985	6,456	6,663	7,399	4,147
Montrose	1,447	1,279	1,143	3,470	1,278	1,354	2,105
Ouray	407	1,133	1,742	1,180	-------	373	500
Park	-------	300	200	-------	-------	-------	-------
Pitkin	1,674	1,852	10,175	14,011	18,757	16,198	913
Ro Blanco	6,983	7,278	7,947	6,304	6,771	5,942	6,068
Routt	468,538	574,253	574,211	837,801	1,006,740	928,855	966,912
San Miguel	1,389	832	1,504	1,433	557	1,057	-------
Weld	1,470,278	1,470,030	1,686,313	1,893,780	2,169,116	1,943,313	944,803
Total	5,284,872	5,616,525	6,604,063	8,238,094	9,934,064	9,921,585	12,514,693

*Year of peak output.

COAL SHIPPED BY RAILROADS, TRUCKS AND WAGONS, BY YEARS IN TONS

(From Reports of State Coal Mine Inspector)

COUNTY	1933		1932		1931	
	Railroads	Trucks and Wagons	Railroads	Trucks and Wagons	Railroads	Trucks and Wagons
Adams	------	311	------	------	------	------
Arapahoe	------	180	------	290	------	------
Archuleta	------	757	------	751	------	1,106
Boulder	212,234	234,860	239,526	310,105	252,798	222,750
Delta	21,183	24,688	25,757	24,505	10,000	49,352
Elbert	------	4,165	------	4,299	------	3,036
El Paso	118,723	169,619	113,879	190,140	146,086	188,324
Fremont	189,958	159,832	204,619	147,062	215,078	131,233
Garfield	7,363	18,474	6,869	26,275	7,352	22,795
Gunnison	374,168	20,812	379,027	14,938	350,494	41,265
Huerfano	532,079	45,489	634,329	38,457	938,835	26,923
Jackson	21,020	6,087	37,877	3,745	35,400	7,487
Jefferson	116,100	20,911	104,012	28,368	109,903	28,071
La Plata	5,925	20,704	6,683	19,235	12,501	19,087
Larimer	------	5,040	------	4,497	------	1,714
Las Animas	777,557	66,932	789,166	53,880	1,264,739	47,448
Mesa	28,685	45,218	24,088	43,188	48,686	41,219
Moffat	------	4,923	------	3,215	------	3,833
Montezuma	------	5,666	------	5,048	------	4,845
Montrose	------	1,447	------	1,279	------	1,136
Ouray	------	407	------	1,133	------	1,730
Park	------	------	------	300	------	50
Pitkin	1,076	598	1,287	560	9,592	547
Rio Blanco	------	6,983	------	7,278	------	7,897
Routt	425,537	25,233	520,699	26,655	527,667	18,952
San Miguel	------	1,389	------	832	------	1,504
Weld	1,128,201	302,978	1,079,089	356,099	1,379,532	275,880
Total	3,959,809	1,193,703	4,166,907	1,312,134	5,308,663	1,148,184

PRODUCTION, VALUE, MEN EMPLOYED, DAYS WORKED AND OUTPUT PER MAN PER DAY AT COAL MINES IN COLORADO IN 1931*

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

COUNTY	Net Tons					Value		Number of Employes						Average Number of Days Worked	Average Tons Per Man Per Year§
								Underground			Surface		Total		
	Loaded at Mines for Shipment	Sold to Local Trade and Used by Employes	Used at Mines for Power and Heat	Made into Coke at Mines	Total Quantity	Total (Thousand Dollars)	Average Per Ton	Miners, Loaders & Shot Firers	Haulage and Track	All Others	In Strip Pits	All Others			
Boulder	254,003	223,625	20,460	-----	498,088	$ 1,318	$ 2.65	341	76	45	---	89	551	222	904
Delta	30,590	25,989	3,950	-----	60,529	139	2.30	68	4	6	---	23	101	110	599
El Paso	146,836	188,824	10,101	-----	345,761	736	2.13	260	35	15	---	42	352	226	982
Fremont	245,181	95,626	5,075	-----	345,882	1,050	3.04	522	78	83	---	156	839	160	412
Garfield	9,286	21,999	300	-----	31,585	82	2.60	27	4	3	---	10	44	205	718
Gunnison	382,301	7,781	12,035	-----	402,117	898	2.23	328	79	36	---	96	539	129	746
Huerfano	938,526	31,007	8,735	-----	978,268	2,433	2.49	1,417	231	131	---	337	2,116	121	462
Jackson and Larimer	35,400	6,629	1,261	-----	43,290	54	1.25	37	5	6	9	5	62	140	698
Jefferson	109,903	28,011	2,400	-----	140,314	352	2.51	59	19	16	---	24	118	246	1,189
La Plata	13,148	16,920	-----	-----	30,068	68	2.26	41	6	4	---	10	61	146	493
Las Animas	1,208,796	47,017	21,289	59,151	1,336,253	3,206	2.40	1,830	235	159	---	322	2,546	130	525
Mesa	49,146	38,528	2,724	-----	90,398	200	2.21	100	12	8	---	21	141	179	641
Moffat	------	5,147	-----	-----	5,147	12	2.33	8	1	1	---	3	13	163	396
Montezuma	48	6,630	-----	-----	6,678	27	4.04	11	1	1	---	3	16	147	417
Montrose and Ouray	------	1,665	-----	-----	1,665	4	2.40	6	1	1	---	1	9	79	185
Park and Pitkin	9,592	713	68	-----	10,373	31	2.99	12	1	1	---	6	20	148	519
Rio Blanco	------	6,931	-----	-----	6,931	16	2.31	10	1	1	---	3	15	225	462
Routt	526,229	19,254	25,403	-----	570,886	1,659	2.91	591	91	71	---	216	969	70	†589
Weld	1,389,328	275,959	31,591	-----	1,696,878	3,651	2.15	1,064	145	147	---	151	1,507	173	1,126
Other counties (Archuleta and Elbert)	------	3,258	-----	-----	3,258	8	2.46	3	1	1	3	1	9	160	362
Total 1931	5,348,313	1,051,513	145,392	59,151	6,604,369	$15,944	$ 2.41	6,735	1,026	736	12	1,519	10,028	142	659
Total 1930	7,004,510	891,447	180,119	120,834	8,196,910	21,485	$ 2.62	7,411	1,134	958	---	1,588	11,091	169	739

*The figures relate only to active mines of commercial size that produced coal in 1931. The number of such mines in Colorado was 231 in 1931; 218 in 1930; and 214 in 1929.

§The output per man per day, for the State as a whole, calculated by dividing the tonnage by the product of the number employed at each mine times the average number of days worked by the mine, was 4.64 in 1931; and 4.38 in 1930.

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

PRODUCTION, VALUE, MEN EMPLOYED, DAYS WORKED AND OUTPUT PER MAN PER DAY AT COAL MINES IN COLORADO IN 1932*

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

COUNTY	Net Tons						Value		Number of Employees				Average Number of Days Mines Operated	Average Tons Per Man Per Day†
										Surface				
	Loaded at Mines for Shipment	Trucked to Distant Points	Sold to Local Trade, Used by Employes, and Nearby Trucking	Used at Mines for Power and Heat	Made into Coke at Mines	Total Quantity	Total (Thousand Dollars)	Average Per Ton	Underground	In Strip Pits	All Others	Total		
Boulder	239,527	297,580	20,271	21,543	-----	578,921	$ 1,434	$2.48	635	--	100	735	215	3.66
Delta	25,756	6,749	16,430	3,702	-----	52,637	135	2.56	48	--	16	64	131	6.29
El Paso	113,723	12,753	177,238	9,495	-----	313,209	616	1.97	285	--	40	325	235	4.10
Fremont	212,412	91,635	43,260	4,400	-----	351,707	855	2.43	673	--	141	814	164	2.63
Garfield	6,143	4,979	22,451	76	-----	33,649	83	2.47	33	--	12	45	169	4.43
Gunnison	383,657	3,276	6,692	10,028	-----	403,653	720	1.78	442	--	100	542	138	5.40
Huerfano	634,947	19,511	13,731	6,656	-----	674,845	1,476	2.19	1,172	--	238	1,410	127	3.76
Jefferson	104,012	22,947	4,342	1,250	-----	132,551	279	2.10	109	--	31	140	245	3.87
La Plata	6,155	2,650	13,676	60	-----	22,541	42	1.86	37	--	10	47	137	3.50
Larimer	-----	2,426	828	173	-----	3,427	8	2.33	11	--	5	16	160	1.34
Las Animas	759,277	15,451	32,873	15,369	36,137	859,107	1,948	2.27	1,791	--	271	2,062	103	4.03
Mesa	26,718	9,517	26,168	3,049	-----	65,452	155	2.37	90	--	28	118	118	4.71
Moffat	-----	-----	3,798	-----	-----	3,798	8	2.11	6	--	---	6	128	4.93
Montezuma	-----	-----	3,677	-----	-----	3,677	7	1.90	7	--	3	10	206	1.79
Rio Blanco	-----	2,398	2,925	-----	-----	5,323	9	1.69	7	--	1	8	212	3.14
Routt	524,743	4,307	16,467	26,941	-----	572,458	1,387	2.42	707	--	206	913	93	6.77
Weld	1,080,703	337,116	19,926	34,774	-----	1,472,519	2,990	2.03	1,248	--	176	1,424	167	6.21
Other counties (Arapahoe, Elbert, Jackson, Montrose, Ouray and Pitkin)	38,333	6,026	2,930	1,958	-----	49,247	85	1.73	45	14	11	70	104	6.79
Total 1932	4,156,106	§839,321	427,683	139,474	36,137	5,598,721	$12,237	$2.19	7,346	14	1,389	8,749	142	4.51
Total 1931	5,348,313	-----	1,051,513	145,392	59,151	6,604,369	15,944	2.41	8,497	12	1,519	10,028	142	4.64

*The figures relate only to active mines of commercial size that produced coal in 1932. The number of such mines in Colorado was 232 in 1932; 231 in 1931, 218 in 1930.

†Based upon (1) the "reported" number of man-shifts where the operator keeps a record thereof; otherwise upon (2) the "calculated" number of man-shifts obtained by multiplying the number of men employed underground and on the surface at each mine by the number of days worked by each group, respectively. Using a "Calculated" method throughout, the average output per man per day for the state was 4.75 tons in 1932, a figure that is strictly comparable with 4.64 tons in 1931 and 4.38 in 1930, as previously published.

§Includes 59,720 tons, a part of which went less than ten miles from the mines; separation not possible.

SUMMARY OF STATE COAL MINING INDUSTRY
(From Records of the State Coal Mine Inspector)

Year	Tons of Coal Produced	No. of Men Employed	No. of Fatal Accidents	Killed Per 1,000 Employed	Tons Coal Produced Per Fatal Accident	Total No. of Mines State
1913.....	9,268,939	12,871	110	8.6	84,263	178
1914.....	8,201,423	10,596	75	7.0	109,352	188
1915.....	8,715,397	12,563	64	5.1	136,178	199
1916.....	10,522,185	13,315	44	3.35	239,095	219
1917.....	12,515,305	13,970	188	13.5	66,571	238
1918.....	12,658,055	14,374	71	4.94	177,578	249
1919.....	10,406,543	12,799	91	7.1	114,357	241
1920.....	12,514,693	13,665	70	5.1	178,781	231
1921.....	9,141,947	14,164	52	3.6	175,807	249
1922.....	10,003,610	13,436	74	5.51	135,184	275
1923.....	10,336,735	13,277	66	4.97	156,617	276
1924.....	10,501,088	12,703	44	3.48	238,661	271
1925.....	10,440,387	12,228	57	4.66	183,165	283
1926.....	10,616,760	11,768	52	4.42	204,168	261
1927.....	9,781,580	11,453	54	4.7	181,140	266
1928.....	9,921,585	11,474	35	3.05	283,474	266
1929.....	9,934,064	11,196	53	4.73	187,435	264
1930.....	8,238,094	10,683	36	3.38	228,836	275
1931.....	6,605,063	10,015	22	2.20	300,184	318
1932.....	5,616,525	8,786	29	3.30	193,673	345
1933.....	5,284,872	8,179	20	2.20	264,244	375

COKE PRODUCTION

The production of coke began in Colorado in 1880, when the total output was 25,568 tons. A steady increase in output continued up to 1891, in which year the quantity was 277,074 tons. During the next 20 years Colorado's output was not reported separately, but included Utah production. The maximum output for Colorado was in 1906, when the total was 1,455,905 tons.

The production of coke in Colorado in 1933, as reported by the state coal mine inspector, was 174,882 tons, an increase of 58,939 tons as compared with 1932. Production in 1932 was 115,943 tons, the minimum output in recent years. The number of coke ovens operated in 1933 was 40, in service 258 days and using 302,814 tons of coal in the production of the coke. There were 160 men employed at the coke ovens.

The old-type beehive ovens in the state are being replaced with modern by-product ovens. The United States bureau of mines reported 592 ovens in the state at the end of 1930, of which 151 were by-product ovens and 378 were of the beehive type. Large quantities of by-products are produced annually in the new type of ovens. Among these produced in 1930 were 5,511,136 gallons of coke-oven tar, 12,562,247 pounds of sulphate ammonia, 1,843,965 gallons of light crude oil (from which 1,440,879 gallons of refined products were recovered) and 6,581,525,000 cubic feet of coke-oven gas.

The number of ovens operated, tons of coal used and tons of coke produced, by years, as reported by the state coal mine inspector are as follows:

Year	No. Ovens	Tons Coal Used	Tons Coke
1923	545	1,068,354	648,851
1924	559	1,260,209	738,345
1925	..	945,957	644,481
1926	600	1,324,465	792,517
1927	492	1,332,038	790,573
1928	493	1,265,105	750,022
1929	562	1,103,308	722,072
1930	295½	687,800	458,443
1931	266	439,189	264,269
1932	144	186,753	115,943
1933	40	302,814	174,882

CLAY AND CLAY-WORKING INDUSTRIES

The mining of clay and its processing into clay products and non-clay refractories and in the making of pottery is an extensive industry in Colorado, and the annual value of output normally runs between $3,000,000 and $4,000,000. The 1931 census shows 32 establishments in the state engaged in making clay products (other than pottery) and non-clay refractories. They employed an average of 600 wage earners, paid out $634,771 in wages and $443,800 in the purchase of materials, fuel and electric energy, and turned out products valued at $1,607,831. Statistics for 1931 show that 65,268 short tons of clay with a value of $84,159 were sold by producers in Colorado in that year. These two divisions of the industry (exclusive of pottery) had an aggregate value of products of $1,691,990 in that year. In order to obtain a total value for the industry as a whole, the value of pottery should be included. Pottery production in 1931 was grouped, however, with "other states" to avoid the disclosure of individual operations.

The figures for 1929 give a better picture of the industry under normal conditions than those for 1931. In the first named year the value of clay products (other than pottery) and non-clay refractories manufactured was $3,097,442; of clay sold by producers, $215,409, and of pottery manufactured, $325,786; a total for the industry of $3,638,637.

The production of clay is included in the mineral resources of the state. The major part of the output is processed by the producers and as such is also included with the state's mineral production. The statistics are compiled by the United States bureau of mines in co-operation with the census bureau and are carried both in reports on mineral resources and manufactures. The bureau of mines reports show the amount of sales and the census on manufactures gives the value of the manufactured products.

The clay-working industries reports cover establishments which are engaged primarily in the manufacture of brick, drain-tile and other tile, sewer pipe, stove lining, terra cotta products, and other refractories, both clay and non-clay. Establishments assigned to pottery include those whose leading products are stoneware, earthenware, porcelain ware, vitreous-china plumbing fixtures and allied products. The largest use of clay is in the operation of clay-working plants. Clay production otherwise reported is that mined and sold as clay, or mined under royalty and shipped into another state for fabrication. Fire-clay is the principal product thus reported, the output in 1929 being 128,426 short tons, valued at $180,888. The miscellaneous clay production in that year was 33,582 short tons valued at $34,521. The total quantity and value were 162,008 tons and $215,409.

A table showing the number of establishments, salaried officials and employes, wages and salaries, cost of materials and value of products for 1931, 1929 and 1919 is published in the chapter in this volume devoted to manufactures. The value of clay-products sold annually, as reported by the bureau of mines, is as follows:

Year	Value
1895	$ 553,383
1896	328,680
1897	406,863
1898	766,767
1899	1,071,388
1900	1,200,519
1901	1,594,867
1902	2,200,983
1903	2,068,310
1904	1,189,291
1905	1,633,231
1906	1,831,088
1907	2,041,475
1908	1,970,081
1909	2,049,024
1910	2,033,714
1911	1,606,709
1912	1,437,394
1913	1,293,511
1914	1,143,942
1915	1,265,105
1916	1,930,039
1917	2,579,267
1918	2,299,448
1919	2,662,671
1920	3,671,241
1921	2,741,668
1922	3,431,197
1923	4,413,602
1924	3,954,639
1925	4,126,945
1926	3,381,776
1927	2,998,486
1928	2,998,242
1929	3,117,064
1930	2,485,684

In 1929 the output of the clay-working industries included 43,576,000 common brick, valued at $501,583; 24,118,000 face brick, valued at $441,606; 15,227 tons of hollow building tile, valued at $108,772; and 16,083,000 fire-clay shapes, valued at $594,661. Vitrified brick, hollow brick, terra cotta, roofing tile and sewer pipe are combined with data for "other states" and the output and value for Colorado are

not segregated. The output in 1931, as reported in the census on manufactures, included 25,501,000 common brick, valued at $277,576; 10,168,000 face brick, valued at $201,498; and 12,376 tons of hollow building tile, valued at $88,207. Terra cotta, sewer pipe, hotel china and porcelain electrical supplies for Colorado were grouped with other states.

Raw clay production, that which is mined and sold as clay, a small part of the total output, in short tons and by value, by years, is as follows:

Year	Short Tons	Value
1899	.....	$ 20,735
1900	49,652	47,884
1901	59,113	59,774
1902	75,913	67,434
1903	37,317	41,451
1904	34,308	36,264
1905	41,317	42,669
1906	71,796	70,597
1907	82,210	78,091
1908	69,578	58,380
1909	109,209	92,799
1910	105,874	83,855
1911	95,127	83,636
1912	72,435	72,105
1913	65,579	70,350
1914	57,149	64,152
1915	71,113	68,180
1916	76,986	77,870
1917	106,775	103,376
1918	98,244	117,934
1919	138,706	139,308
1920	131,797	172,378
1921	94,765	119,091
1922	148,450	158,621
1923	190,250	272,276
1924	236,143	322,632
1925	254,521	358,687
1926	199,867	254,523
1927	218,255	319,994
1928	155,075	256,548
1929	162,008	215,409
1930	108,162	128,342
1931	65,268	84,159
1932	41,529	49,617

STONE

Colorado ranks first among the states in the wide variety and volume of deposits of high grade stone which are to be found within its boundaries. The state is so rich in beautifully colored and marked building and decorative stones that if its resources are properly developed, according to competent authorities, it will, in time, be the stone and marble center of the United States. Building stones in Colorado are divided into five general classes by Justin H. Haynes, consulting engineer, of Denver. These are the granites, marbles, limestones, sandstones and lavas. In addition, there are special stones, due to some particular characteristic or specified method of formation. Among these are travertine, which formerly was classed by some as a marble and by others as a limestone; dolomites and olivines.

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

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

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

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

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

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

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

A deposit of alabaster, a compact variety of gypsum extensively used in making fine vases and ornaments, is located near Livermore, in Larimer county. It has not been developed commercially, but specimens shaped

and polished reveal a rare beauty in the stone.

Colorado's annual output of stone of different varieties, exclusive of stone made into abrasives, lime and cement, is valued at $900,000 to $1,400,000. The principal variety of stone produced is limestone, with granite ranking second.

A table published herewith shows the value of the state's output by kinds and by years. Total production of stone of all kinds in the state from 1897 to 1932, inclusive, was $28,595,487 in value.

Establishments engaged primarily in cutting, shaping and finishing marble, granite, slate and other stone for building, monumental and miscellaneous uses are classed as manufacturing industries, and information regarding them will be found in tables in the chapter on manufactures published elsewhere in this volume, under the classification "marble, granite, slate and other stone products." There were 14 of these establishments in the state in 1931. In that year they reported an average of 98 wage earners; wages paid, $177,489; cost of materials, fuel and purchased electric energy, $131,379; value of products, $435,992, and value added by manufacture, $304,613.

STONE SOLD OR USED BY PRODUCERS IN COLORADO: VALUES, BY YEARS

(Compiled from U. S. Bureau of Mines Reports)

Note.—This table does not include stone made into abrasives, lime or cement. "All Others" includes miscellaneous and crushed stone and marble.

Year	Granite	Limestone	Sandstone	All Others	Total
1897	$ 44,284	$ 79,256	$ 60,847	$ 99,600	$ 283,987
1898	25,923	109,310	89,637	------	224,870
1899	78,261	96,456	129,815	10,776	315,308
1900	143,054	160,587	119,658	------	423,299
1901	138,996	245,799	237,331	------	622,126
1902	66,023	203,700	366,161	------	635,884
1903	100,791	218,120	389,132	------	708,043
1904	91,132	158,960	281,142	------	531,234
1905	73,802	289,920	453,029	------	816,751
1906	65,402	373,158	286,544	------	725,104
1907	67,134	502,751	299,443	------	869,328
1908	121,282	378,822	181,051	------	681,155
1909	74,326	355,136	197,105	488,311	1,114,878
1910	93,679	415,523	189,603	488,173	1,186,978
1911	137,356	341,798	135,673	------	614,827
1912	55,010	365,004	108,169	892,424	1,420,607
1913	84,497	428,736	96,964	375,620	985,817
1914	74,774	340,059	97,029	810,747	1,322,609
1915	65,876	337,809	52,487	969,098	1,425,270
1916	78,823	406,974	53,902	436,095	975,794
1917	113,800	532,539	90,646	86,919	823,904
1918	112,461	570,649	81,226	7,136	771,472
1919	142,993	532,973	47,464	------	723,430
1920	201,406	531,357	77,827	------	810,590
1921	146,380	367,771	41,178	4,276	559,605
1922	132,730	381,269	41,695	------	555,694
1923	190,356	431,374	113,841	14,227	749,798
1924	152,209	656,193	84,984	328,188	1,221,574
1925	213,256	575,562	63,268	29,670	881,756
1926	194,386	740,138	71,085	102,258	1,107,867
1927	179,591	681,742	77,004	37,616	975,953
1928	205,785	563,215	69,470	94,771	933,241
1929	276,618	458,983	51,268	116,977	903,846
1930	282,925	324,851	67,229	203,651	878,656
1931	209,531	293,660	43,277	18,975	565,443
1932	50,738	127,657	16,248	54,146	248,789
Total	$ 4,485,590	$13,577,811	$ 4,862,432	$ 5,669,654	$28,595,487

FLUORSPAR

Colorado ranks third among the states of the Union in the quantity and value of output of fluorspar, a compound of calcium and fluorine, which is used extensively in the manufacture of steel and in other metallurgical industries, and in the ceramic and chemical industries. The state produced from 1870 to 1932, inclusive, 175,457 short tons of the mineral, as reported by the United States bureau of mines. The value of this output was $2,111,892.

The principal producing district in the state is near Wagon Wheel Gap, in Mineral county. Other producing properties and deposits are located in the Jamestown district in Boulder county; near Longview, in Jefferson county; in Chaffee county, near Salida; Telluride and Ouray, and in other localities.

Production in short tons and value, by years, as reported by the bureau of mines, is as follows:

Year	Tons	Value
1870-1904	4,400	$ 26,400
1905	1,156	8,200
1906	300	1,800
1907	3,300	11,400
1908	701	4,266
1909	350	2,100
1910	268	1,608
1911	721	4,226
1912	1,639	9,834
1913	4,432	26,592
1914	1,978	12,992
1915	247	1,482
1916	8,669	42,457
1917	17,104	196,633
1918	38,475	416,780
1919	9,687	150,739
1920	12,852	251,308
1921	3,143	39,907
1922	2,309	20,169
1923	6,044	59,710
1924	12,301	135,411
1925	11,776	153,707
1926	10,440	*161,269
1927	6,432	*130,481
1928	1,815	*74,805
1929	4,808	56,607
1930	9,248	101,758
1931	529	5,921
1932	333	3,330
Totals	175,457	$2,111,892

*Value for New Mexico for 1926, 1927 and 1928 and for Nevada for 1928 included with Colorado.

SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN COLORADO IN 1932, 1931 AND 1930, AND USES
(Compiled from Reports of the United States Bureau of Mines)

Uses	1932		1931		1930	
	Short Tons	Value	Short Tons	Value	Short Tons	Value
Molding sand	15,811	$ 36,707	------	------	8,148	$ 11,188
Building sand	70,694	38,831	95,563	$ 55,153	155,857	82,299
Paving sand	155,694	81,076	83,881	38,238	240,244	58,666
Fire or furnace sand	------	------	------	------	(1)	(1)
Engine sand	10,175	5,848	(1)	(1)	(1)	(1)
Other sands	41,571	12,325	(1)	(1)	------	------
Building gravel	120,133	74,990	151,428	107,297	147,285	120,750
Paving gravel	428,244	272,852	548,973	357,245	343,493	148,753
Railroad ballast gravel	24,455	11,673	------	------	(1)	(1)
Total	850,966	$497,595	893,033	$567,222	929,888	$442,303

(1) Not segregated, but included in totals.

SAND AND GRAVEL

Sand and gravel are found in almost every part of Colorado, and production is regulated largely by local demand. Most of the output is produced and used in the vicinity of large construction projects. An accompanying table shows the quantity and value of different kinds of sand and gravel sold and used by producers in 1930, 1929 and 1928. Building sand and gravel predominated in 1929, while paving sand and gravel showed the largest output in 1930.

Total production of all grades in short tons and value by years, as reported by the United States bureau of mines, is as follows:

Year	Short Tons	Value
1912	112,514	$ 45,983
1913	90,578	28,306
1914	41,614	14,781
1915	(1)	(1)
1919	248,483	154,978
1920	222,716	158,797
1921	277,283	194,722
1922	139,365	114,651
1923	185,994	126,967
1924	1,219,526	799,215
1925	692,395	547,944
1926	764,523	590,695
1927	622,204	465,818
1928	806,051	605,511
1929	982,866	492,587
1930	929,888	442,303
1931	893,033	567,222
1932	850,966	497,595

[1]No report.

PETROLEUM

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

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

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

The first discovery of oil in Colorado in a well drilled for that purpose was made in the spring of 1862 by A. M. Cassedy, a pioneer in the Pennsylvania fields. This well came in as a producer at 50 feet and was located on Oil creek, six miles north of Canon City, near an oil spring, in what is now Fremont county, in the south-central part of the state, but what was then a part of Colorado territory. When it is recalled that the first well sunk for oil to come in as a producer in this country was drilled near Titusville, Pa., by Col. E. L. Drake, founder of the petroleum industry, in August, 1859, it will be seen that Colorado's oil development began when the business was in its infancy.

Prospecting continued in the state for a number of years after the Florence discovery and a small pool was found in Boulder county, some shallow wells with small production were drilled in the Rangely district in Rio Blanco county, and some discoveries were made near DeBeque in Mesa and Garfield counties, but these were of importance mostly in pointing to the possibilities of the future.

The present oil activity dates from November 11, 1923, when the Union Oil Company of California brought in a large gas and oil well on the Wellington dome, 15 miles north of Fort Collins, in Larimer county. This was followed by the Texas company's completion of a large oil producer on the Moffat dome, 16 miles south of Craig, in Moffat county, on March 3, 1924. These developments opened a new era of prospecting in the state under the auspices of many of the leading oil companies of the country.

Exploration up to the beginning of 1930 resulted in the discovery of 12 oil pools. The location of these pools along the edges of large natural basins and parallel to the Rocky Mountain range, or near the edges of smaller basins surrounded by mountains, at first led to the conclusion that conditions were unfavorable for the occurrence of oil far out from the mountains in the plains region of eastern Colorado. This theory was upset on October 10, 1930, when the Platte Valley Petroleum company, drilling on the Greasewood dome in Weld county, 60 miles east of the mountain range, made a commercial discovery which inaugurated a third era in oil prospecting in the state. Three producing wells had been completed in this pool up to the beginning of 1934 and five unproductive tests indicate that the field is a small one and that sands below the one pay horizon contain water only. Several wells subsequently were drilled at widely separated locations in northeastern Colorado, but these revealed nothing of commercial value until late in 1932, when W. R. Ramsey found gas in commercial quantities 13 miles to the northeast of the Greasewood pool, near Buckingham. This well also found oil in the top of the Dakota sand, but it was drowned out by water and was plugged back and completed as a gas well.

The location of the producing pools, the dates of their discovery, the formations from which they are producing, the average depth of wells and the quality of the crude are given in an accompanying table.

A table is published herewith showing the extent of drilling operations and results by years beginning with 1926. Prior to the last named year no official records of exploration for oil were compiled by the state. The immigration department has compiled, however, such records as are available

of wells drilled in earlier periods and while these are incomplete they furnish an index to past drilling activities in the state. Logs of these wells are not available in many instances; some of them were drilled only to shallow depths and abandoned without making tests of the objective horizons, and many went only to horizons that were then considered likely to contain oil. In later years formations below those formerly drilled have been found productive in several areas of the state. This record, as far as the information is available, has been published in a separate volume entitled "Mineral, Oil and Shale Resources," copies of which may be obtained upon request to the department. Altogether, approximately 2,000 wells have been drilled in 42 counties of the state up to the present in search of oil. Of these, approximately 1,550 were concentrated in areas where oil or gas had been found and some 400 to 450 were exploratory wells. It is estimated that more than $56,500,000 has been expended in the state in the search for and producing of oil. Of this amount $37,000,000 was for drilling, $8,200,000 for lifting costs and $11,500,000 for land, geology, leases, rentals, overhead, etc.

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

Year	No. Wells	Av. Prod.
1921	80	3.2
1922	75	3.2
1923	60	3.5
1924	70	25.8
1925	80	64.1
1926	130	60.3
1927	170	51.7
1928	210	39.9
1929	220	30.0
1930	240	19.7
1931	200	19.2
1932	190	15.9

The average production per well per day of 15.9 barrels in Colorado in 1932 compares with 6.7 barrels per well per day for the United States.

The average production per well per day in Colorado compares with 7.4 barrels for the United States in 1926, 7.7 barrels in 1927, 7.6 barrels in 1928, 8.4 barrels in 1929, 7.5 barrels in 1930, and 7.2 barrels in 1931. Colorado's average per well per day was the highest in the country in 1926, third highest in 1927 and 1928, fifth highest in 1929 and 1930, fourth highest in 1931 and sixth highest in 1932.

The total production of crude oil in Colorado from 1862 to 1933, inclusive, a period of 72 years, was 29,587,009 barrels, with a value of $29,525,579. An accompanying chart shows the trend of production and values by years. The following table gives the gross output by years and the estimated value at the well:

PRODUCTION OF CRUDE OIL IN COLORADO

Year	Barrels	Value
1862-86	350,000	$ 245,000
1887	154,000	123,200
1888	298,000	262,240
1889	317,000	280,240
1890	369,000	324,720
1891	666,000	559,005
1892	824,000	692,160
1893	594,000	497,581
1894	516,000	423,420
1895	438,000	359,160
1896	361,000	295,020
1897	385,000	346,500
1898	444,000	444,000
1899	390,000	404,110
1900	317,000	323,434
1901	461,000	461,030
1902	397,000	486,583
1903	484,000	431,723
1904	501,000	587,035
1905	376,000	337,606
1906	328,000	262,675
1907	332,000	272,813
1908	380,000	346,403
1909	311,000	317,712
1910	240,000	243,402
1911	227,000	228,104
1912	206,000	199,661
1913	189,000	174,779
1914	223,000	200,894
1915	208,000	208,474
1916	197,000	217,139
1917	121,000	128,100
1918	143,000	188,472
1919	121,000	183,000
1920	111,000	199,000
1921	108,000	132,000
1922	97,000	114,000
1923	86,000	129,000
1924	445,000	667,500
1925	1,211,702	1,817,553
1926	2,692,892	4,577,916
1927	2,722,670	2,611,058
1928	2,750,060	2,655,670
1929	2,273,723	2,120,425
1930	1,627,987	1,242,257
1931	1,550,504	873,885
1932	1,133,967	803,006
1933	908,504	527,514
Totals	29,587,009	$29,526,179

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

PRODUCING OIL POOLS IN JANUARY, 1934

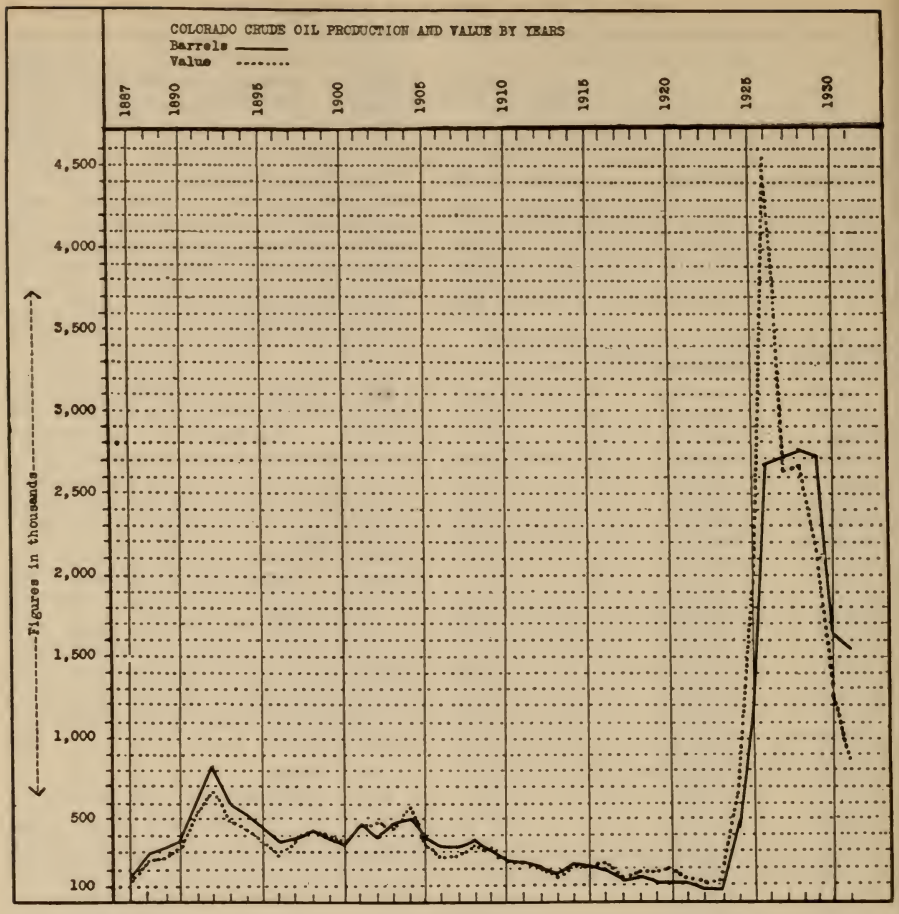
POOL	County	Date Opened	Av. Gr. of Oil	Depth to Sands (feet)	Producing Formations	No. Wells Jan. 1, 1934	Av. Daily Production Jan., 1934
Fort Collins	Larimer	1924	37.5	4,550	Dakota	11	118
Wellington	Larimer	1923	33.5	4,400	Dakota	22	415
Moffat	Moffat	1924	41.6 38.1	3,800 4,400	Dakota Sundance	6 5	500 ----
Iles	Moffat	1927	32.5 32.0	3,200 3,400	Morrison Sundance	18	1,000
Florence-Canon City	Fremont	1887 1926	31.0	1,000 to 2,300	Pierre shale	105	260
*North McCallum	Jackson	1926	54.0	5,100	Dakota	2	----
*South McCallum	Jackson	1928	54.0	4,800	Dakota	1	----
Tow Creek	Routt	1924	36.0	2,500 to 3,100	Shale above Dakota	13	200
Rangely	Rio Blanco	1902	52.0	600	Mancos shale	4	80
Boulder	Boulder	1901	38.6	2,500	Shale	7	16
Berthoud	Larimer	1925	40.0	3,750	Dakota	2	15
Greasewood	Weld	1930	42.0	6,650	Dakota	3	120
Mancos Creek	Montezuma	1927	---	350	Mancos shale	3	2
Total						202	2,726

*Formerly carried as the Walden field.

CRUDE OIL PRODUCTION BY FIELDS AND YEARS, IN BARRELS

FIELD	1933	1932	1931	1930	1929	1926
Fort Collins	49,870	69,099	89,398	112,135	159,228	466,931
Wellington	176,223	218,737	275,603	376,595	662,998	754,044
Moffat	204,242	238,857	309,772	362,551	410,430	1,167,184
Iles	206,461	241,956	382,503	368,360	503,366	23,486
Florence-Canon City	91,585	110,600	135,966	199,418	336,825	95,902
Tow Creek	86,948	101,322	122,541	150,736	172,492	139,720
Rangely	28,639	31,326	34,358	32,850	19,090	36,500
Boulder	5,840	6,832	7,258	6,935	8,325	9,125
Walden	.....	.....	8,770	.....	969	.....
Berthoud	5,163	6,716	12,105	5,110	.....	.....
Greasewood	52,818	107,919	171,280	13,297	.....	.....
Mancos	715	603	950	.....	.....	.....
Totals	908,504	1,133,967	1,550,504	1,627,987	2,273,723	2,692,892
Est. value	$527,514	$803,006	$873,885	$1,242,257	$2,120,425	$4,577,916
Av. value per bbl. (a)	$0.58	$0.71	$0.56	$0.76	$0.93	$1.70

(a) These averages, based on the posted and contract prices, vary slightly from the averages of the U. S. Bureau of Mines.



OIL WELL DRILLING OPERATIONS, BY YEARS

YEAR	Wells Completed or Abandoned				Initial Production (Bbls.)		Footage Drilled	
	Oil Wells	Gas Wells	Dry or Abandoned	Total	Total	Av. per Well	Total	Av. per Well
1926	37	7	53	97	-----	----	314,609	3,243
1927	56	7	77	140	11,708	209	352,612	2,519
1928	58	2	70	130	8,949	154.3	347,831	2,676
1929	28	5	57	90	3,668	131.0	204,108	2,266
1930	16	10	31	57	1,752	109.5	152,839	2,681
1931	8	4	19	31	2,240	280.0	76,963	2,483
1932	3	4	14	21	110	36.7	78,277	3,727
1933	3	5	20	28	1,259	419.7	74,269	2,652

COLORADO CRUDE OIL PRODUCTION IN 1933, BY FIELDS AND MONTHS, IN BARRELS

Month	Fort Collins	Wellington	Moffat	Iles
January	7,073	17,226	16,755	16,667
February	3,080	13,343	18,017	9,900
March	5,174	17,369	20,587	16,756
April	2,516	14,360	15,724	13,964
May	3,618	16,951	18,197	18,938
June	3,505	14,775	15,900	16,846
July	4,168	14,370	18,698	17,434
August	3,823	12,784	18,969	17,392
September	3,316	13,329	15,386	17,895
October	3,363	14,850	18,583	17,518
November	5,051	13,227	13,867	23,114
December	5,183	13,639	13,559	20,037
Totals	49,870	176,223	204,242	206,461

Month	Florence-Canon City	Tow Creek	Rangely	Berthoud
January	8,770	8,033	1,180	542
February	6,459	7,479	1,422	464
March	8,038	8,192	2,119	472
April	6,508	6,664	2,398	446
May	7,704	8,535	2,459	481
June	6,685	7,936	1,344	398
July	8,634	7,973	2,863	455
August	7,459	6,584	2,851	412
September	7,417	6,939	2,980	414
October	8,322	6,672	3,180	387
November	7,979	5,510	3,140	357
December	7,610	6,431	2,703	335
Totals	91,585	86,948	28,639	5,163

Month	Boulder	Greasewood	Mancos	Totals
January	496	5,936	74	82,752
February	448	5,584	61	66,257
March	496	5,013	37	84,253
April	480	3,607	78	66,745
May	496	4,444	64	81,887
June	480	4,527	37	72,433
July	496	4,375	24	79,490
August	496	4,090	82	74,942
September	480	4,047	25	72,228
October	496	3,986	60	77,417
November	480	3,776	84	76,585
December	496	3,433	89	73,515
Totals	5,840	52,818	715	908,504

WELLS COMPLETED OR ABANDONED IN 1933

Well Number and County	Location	Operator	Result	Depth (Feet)
ARCHULETA:				
Crowley No. 5	32-32N-1E	Standard Oil Co. of Colo.	Abandoned	40
FREMONT:				
Lucas No. 1	32-18S-69	Cherry Creek Placer Co.	Producer	3,075
Mojada No. 1	22-19S-69	S. W. Pressey	Abandoned	2,665
Mojada No. 7	21-20S-69	Dr. T. A. Davis	Abandoned	2,625
GRAND:				
McElroy No. 1	14-2N-81	Oil & Min'l Lands Co., Inc.	Abandoned	618
LA PLATA:				
Doesher No. 1	29-33N-13W	J. W. Irwin & Co.	Abandoned	3,357
LARIMER:				
Kistler No. 1	2-4N-70	Art Deininger, et al.	Abandoned	399
Maxwell No. 1-A	25-8N-70	Consolidated Drilling Co.	Abandoned	90
Reed No. 1	28-4N-69	Mayer Oil Co.	Abandoned	3,870
Union Pacific No. 1	31-12N-69	C. Leonard Smith	Abandoned	172
Wilson No. 1	21-4N-69	Standard Oil Co. of Colo.	Abandoned	1,250
LAS ANIMAS:				
Garcia No. 6	4-34-62	Mountain States Gasoline Co.	Gas	1,210
Maxwell Grant No. 1	29-34-68	Continental Oil Co.	Abandoned	1,360
Radcliffe No. 1	28-28S-52	Oklahoma Drilling Co.	Abandoned	100
LINCOLN:				
State No. 1	36-14S-57	Eastern Colorado Oil Co.	Abandoned	3,465
MOFFAT:				
Eberle No. 1	9-6N-91	Rocky Mountain Gas Co.	Gas	3,880
Florence Wilson No. 2	22-12N-100	Mountain Fuel Supply Co.	Gas	3,725
Hatch No. 1	9-11N-101	Mountain Fuel Supply Co.	Abandoned	3,519
Iles Investment Co. No. 1	23-4N-92	The Texas Company	Producer	3,447
State No. 1	16-4N-101	William A. Myers, et al.	Abandoned	3,490
Wheeler No. 1	30-12N-100	Mountain Fuel Supply Co.	Gas	1,970
RIO BLANCO:				
California-Raven No. 1	30-2N-102	California Co.	Producer	7,173
WELD:				
Anthes No. 1	24-8N-59	Continental Oil Co., et al.	Abandoned	6,658
Cronin No. 1	24-1N-66	Retter Oil Co.	Abandoned	900
Cronin No. 2	24-1N-66	Retter Oil Co.	Abandoned	795
Niles No. 1	13-6N-61	Manning & Terry, et al.	Abandoned	6,721
St. Anthony No. 1	15-7N-59	W. R. Ramsey	Gas	6,790
Smith No. 2	14-1N-66	W. H. Gill, et al.	Abandoned	905

Number of wells completed in 1933: Oil wells, 3; gas wells, 5; dry and abandoned, 20; total 28. Total footage drilled, 74,269 feet. Initial production of oil wells, 1,259 barrels per day; of gas wells, 14,275,000 cubic feet.

PETROLEUM INDUSTRY

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

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

Oil and gas wells, operatives	331
Petroleum refineries, operatives	36
Petroleum refineries, laborers	62
Total	429

The census on retail distribution in Colorado in 1930 shows 1,349 filling stations in the state, which had net sales in 1929 of $21,763,602.

These are distributed as to types as follows:

Filling Stations	Number	Net Sales
Gasoline and oil	682	$10,949,110
With tires and accessories	372	7,224,906
With other merchandise	295	3,589,586
Total	1,349	$21,763,602

The above had 1,129 properties and firm members who were not on the pay roll, 1,395 full-time employes and 304 part-time employes. The pay roll for full and part-time employes in 1929 was $1,585,446. Garages which sell gasoline and oil are not included in the above tabulation.

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

WELLS COMPLETED OR ABANDONED IN 1932
(Wells completed in 1931 are listed in the 1932 Year Book)

Well Number and County	Location	Operator	Result	Depth (Feet)
EL PASO:				
Carson No. 1	10-6S-66	Utemoor Syndicate	Abandoned	1,900
FREMONT:				
Dia Giacomo No. 1	11-19S-70	P. W. Harr	Abandoned	2,490
Gindro No. 1	27-19S-70	P. W. Harr	Abandoned	786
Harding No. 2	21-18S-70	Canon Heights Oil Co.	Abandoned	3,410
LARIMER:				
Fagan No. 2	17-4N-69	Raddatz Corp.	Abandoned	3,882
State No. 2	16-4N-69	Raddatz Corp.	Producer	3,800
LAS ANIMAS:				
Barela Estate No. 1	33-33S-62	P. W. Harr	Gas	1,510
MOFFAT:				
Bogenschultz No. 1	9-6N-91	Ohio Oil Co.	Gas	2,807
MONTROSE:				
C. T. & T. No. 1	27-50N-10	Uncompahgre Oil & Gas Co.	Abandoned	2,031
MORGAN:				
Butters No. 1	7-6N-60	Ohio Oil Co.	Producer	6,753
RIO BLANCO:				
Maddock No. 1	9-2S-96	Magnolia Petroleum Co.	Gas	2,958
Titley No. 1	15-2S-96	Magnolia Petroleum Co.	Gas	2,988
ROUTT:				
Carstarphen-Irwin No. 4	5-6N-86	Texas Co.	Producer	3,860
Irwin-Carstarphen No. 1	5-6N-86	Texas Co.	Abandoned	4,793
Quaintance-Hocking No. 7	18-6N-86	Texas Co.	Abandoned	3,640
WASHINGTON:				
Middlemist No. 1	14-4S-56	M. T. Smith & Sons	Abandoned	1,552
WELD:				
Gadbois No. 1	24-6N-61	Continental Oil Co.	Abandoned	6,701
Gadbois No. 1	25-6N-61	Greeley Oil Co.	Abandoned	6,691
Johnson-Juhl No. 1	14-6N-61	Reiter-Foster Oil Corp.	Abandoned	6,918
O'Toole No. 1	33-7N-62	Prairie Oil & Gas Co.	Abandoned	7,272
YUMA:				
Winegar No. 1	7-2S-43	Major Petroleum, Inc.	Abandoned	1,535

Number of wells completed in 1932: Oil wells, 3; gas wells, 4; dry and abandoned, 14; total 21. Total footage drilled, 78,277 feet. Initial production of oil wells, 110 barrels per day; of gas wells, 23,450,000 cubic feet.

PETROLEUM REFINERIES

There are eleven petroleum refineries and skimming plants in Colorado. The largest is at Florence and is owned by the Continental Oil company. It has a daily charging capacity of 3,000 barrels of crude oil and recovers gasoline, kerosene, gas, fuel oil, lubricating oil, wax and other products. Included with the equipment is a unit of Burton cracking stills with a capacity of 1,500 barrels daily. The cracking unit is owned by the Standard Oil Co. of Indiana. The same company placed in operation in 1930 a new refinery at Denver with a charging capacity of 1,500 barrels of crude oil per day and a Cross cracking unit of 1,000-barrel capacity. The Texas company operates a complete plant at Craig, in Moffat county, with a daily charging capacity of 1,500 barrels and a Holmes-Manley cracking unit with a capacity of 1,000 barrels daily. The Midland Oil Refining company has at Denver a plant with a charging capacity of 1,000 barrels per day, which recovers gasoline, kerosene and fuel oil. The Mountain States Refining company operates a 100-barrel skimming plant at Orchard, in Weld county, and the Raven Oil & Refining company has a 100-barrel plant at Rangely, in Rio Blanco county, which runs crude oil from shallow wells in the Rangely oil field. The Colorado Oil Refining company placed in operation in 1932 a refinery at Denver with a charging capacity of 350 barrels of crude daily. There are several small skimming plants of lesser capacity than those named, operated at Berthoud, Boulder, in Montezuma county, on the Hiawatha dome in Moffat county, and in La Plata county.

NATURAL GAS

The production and use of natural gas in Colorado for domestic and industrial purposes began, as far as available records indicate, either in 1892 or in the following year, when the Florence Oil & Refining company supplied about half a dozen residences in Florence with the output of its No. 16 well in that district. Shortly thereafter two wells were drilled near Garcia in Las Animas county, which produced sufficient gas to heat and illuminate the buildings upon the ranches upon which they were located. Ten or more years later some natural gas was used for domestic purposes in and near Boulder, following the opening of that field in the early 90s, and there are a few other instances of gas being used commercially in small quantities in isolated districts. The first major natural gas discovery was made, however, on November 11, 1923, when the Union Oil company of California brought in its discovery well on the Wellington dome in Larimer county. This gas was piped first to Fort Collins and in 1926 a natural gas pipe line was constructed from the Wellington field to Cheyenne, Wyoming. That year marked the beginning of the transportation of gas beyond the borders of the state.

The Colorado Interstate Gas company and associated interests completed in 1928 a 340-mile pipe line from the Amarillo field in Texas to Denver. This line directly and indirectly serves the steel mills at Pueblo and the cities of Denver, Colorado Springs and Pueblo. Since its completion it has been extended eastward to supply La Junta, Rocky Ford, Swink and other towns in the Arkansas valley, and westward to supply industrial plants and communities in Fremont county. The Colorado-Wyoming Gas company constructed in 1929 a connection with the Texas system to convey gas to Boulder, Fort Collins and other cities and towns in northern Colorado. Through pipe lines originally constructed to pipe gas from the Wellington dome to Cheyenne and Fort Collins, the new line now carries Texas gas as far north as Cheyenne. The Western Public Service company in 1929 constructed a system comprising 345 miles of line from the Hiawatha dome in northern Moffat county to Salt Lake City and Ogden, Utah, and is marketing gas from that structure and other gas domes in both Wyoming and Utah. Durango and industries in that vicinity are being supplied with natural gas from northern New Mexico through a 36-mile line completed in 1929 by the Mesa Grande Gas company. In 1930 the Colorado Gas & Utilities company constructed a system to supply Lamar, Holly, Springfield and other towns in southeastern Colorado with natural gas from the Hugoton, Kansas, field.

The total quantity of gas produced in the state and marketed in 1923 was 800,000 cubic feet, valued at $400 at the point of consumption, as reported by the United States bureau of mines. The development in subsequent years was rapid, and in 1932 the production in the state amounted to 2,547,000,000 cubic feet, valued at $757,000 at the point of consumption.

The production of natural gas in the state and the value at the point of consumption, by years, as reported by the bureau of mines, is as follows:

	M. cu. ft.	Val. at Point of Consumption
1923	800	$ 400
1924	47,600	1,700
1925	574,400	61,100
1926	553,800	130,000
1927	1,725,400	290,000
1928	2,931,000	786,000
1929	2,787,000	675,000
1930	3,312,000	958,000
1931	2,536,000	940,000
1932	2,547,000	757,000

Consumption of natural gas in Colorado, including receipts from other states, and value at the point of consumption, by years, is as follows:

	M. cu. ft.	Val. at Point of Consumption
1923	800	$ 400
1924	47,600	1,700
1925	574,400	61,000
1926	503,800	125,000
1927	1,544,000	277,000
1928	6,347,000	1,847,000
1929	14,362,000	4,539,000
1930	16,642,000	5,445,000
1931	16,892,000	6,313,000
1932	16,409,000	6,236,000

The principal areas in which gas is produced and marketed commercially are the Hiawatha district in northern Moffat county, the Wellington and Berthoud districts in Larimer county, and, beginning with 1932, the Craig district in Moffat county. Gas in large quantities has been discovered on the Rangely, Piceance Creek and White River domes in Rio Blanco county; on the Thornburg dome in Moffat county, and in smaller quantities in several other districts, but the wells are shut

in and the product is not being marketed. Helium gas was developed and refined for commercial purposes on the Model dome in Las Animas county for several years, until the government began producing helium in its own refinery. Carbon dioxide gas has been found in very large quantities on the North McCallum and South McCallum domes in Jackson county, but experiments made to separate this gas from crude oil and use it in the manufacture of "dry" ice so far have not been successful.

A table is published herewith showing natural gas production and consumption in Colorado, by years, with total and average value at the wells and at the points of consumption, and the distribution of consumption. Another table shows the quantity of natural gas transported from Colorado into other states and from other states into and through Colorado, by years.

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

	1932	1931	1930	1929	1928
Quantity produced and delivered to consumers, including deliveries in other states, M cubic feet	2,547,000	2,536,000	3,312,000	2,787,000	2,931,000
Estimated value at the wells:					
Total	$67,000	$71,000	$80,000	$71,000	$293,000
Average per M cu. ft. (cts.)	2.6	2.8	2.4	2.5	10.0
Value at points of consumption:					
Total	$757,000	$940,000	$958,000	$675,000	$786,000
Average per M cu. ft. (cts.)	29.7	37.1	28.9	24.2	26.8
Consumed, including receipts from other states:					
Quantity, M cubic feet	16,409,000	16,892,000	16,642,000	14,362,000	6,347,000
Value at point of consumption:					
Total	$6,236,000	$6,313,000	$5,445,000	$4,539,000	$1,847,000
Average per M cu. ft. (cts.)	38.0	37.4	32.7	31.6	29.1
Distribution of consumption:					
Domestic, including commercial:					
Number consumers	95,180	95,850	86,640	77,150	69,030
Quantity consumed, M cu. ft.	5,383,000	5,392,000	5,141,000	2,731,000	629,000
Value at point of consumption:					
Total	$4,321,000	$4,226,000	$3,905,000	$2,524,000	$697,000
Average per M cu. ft. (cts.)	80.3	78.4	76.0	92.4	110.8
Industrial consumption:					
M cu. ft. consumed	11,026,000	11,500,000	11,501,000	11,631,000	5,718,000
Value at point of consumption:					
Total	$1,915,000	$2,087,000	$1,540,000	$2,015,000	$1,150,000
Average per M cu. ft. (cts.)	17.4	18.1	13.4	17.3	20.1
Domestic (household) consumption only:*					
Quantity consumed, M cu. ft.	4,154,000	4,168,000	3,775,000	*	*
Value at point of consumption:					
Total	$3,552,000	$3,494,000	$3,221,000	*	*
Average per M cu. ft. (cts.)	85.5	83.8	85.3	*	*

*Domestic and commercial not separately reported prior to 1930.

INTERSTATE TRANSPORTATION OF NATURAL GAS, BY YEARS

(Compiled from Bureau of Mines Reports)

State from Which Gas Was Transported	State Through Which Gas Was Transported	State to Which Gas Was Transported	M Cubic Feet
1926:			
Colorado		Wyoming	50,000
1927:			
Colorado		Wyoming	181,400
1928:			
Colorado		Wyoming	285,000
Texas	New Mexico	Colorado	3,701,000
1929:			
Colorado	Wyoming	Utah	228,000
Colorado		Wyoming	851,000
New Mexico		Colorado	91,000
Texas	New Mexico	Colorado	12,563,000
1930:			
Colorado	Wyoming	Utah	1,287,000
Colorado		Wyoming	439,000
New Mexico		Colorado	142,000
Texas	New Mexico	Colorado	14,914,000
1931:			
Colorado	Wyoming	Utah	1,590,000
Colorado		Wyoming	105,000
Kansas		Colorado	165,000
New Mexico		Colorado	106,000
Texas	New Mexico	Colorado	15,779,000
Texas	N. M. and Colorado	Wyoming	364,000
Wyoming		Colorado	1,000
1932:			
Colorado	Wyoming	Utah	1,567,000
Colorado		Wyoming	215,900
Kansas		Colorado	294,000
New Mexico		Colorado	102,000
Texas	New Mexico	Colorado	15,227,000
Texas	N. M. and Colorado	Wyoming	396,000
Wyoming		Colorado	21,000

NATURAL GASOLINE PRODUCED AND NATURAL GAS TREATED IN COLORADO, BY YEARS

(Compiled from U. S. Bureau of Mines Reports)

Year	No. of Plants Operating	Natural Gasoline Produced			Estimated Quantity of Natural Gas Treated	
		Gallons	Value at Plant		Cubic Feet	Average Yield Per M Cubic Feet (Gals.)
			Total	Average Per Gal. (Cents)		
1925	1	35,000	$ 4,000	11.4	15,000,000	2.3
1926	3	276,000	17,000	6.2	390,000,000	.7
1927	2	912,000	64,000	7.0	1,455,000,000	.6
1928	2	1,909,000	136,000	7.1	3,498,000,000	.5
1929	3	1,630,000	113,000	6.9	1,880,000,000	.87
1930	2	1,322,000	69,000	5.2	1,926,000,000	.69
1931	2	659,000	21,000	3.2	824,000,000	.80
1932	2	472,000	11,000	2.3	627,000,000	.75

NATURAL GASOLINE

The first plant constructed in Colorado for the recovery of gasoline from natural gas was placed in operation in Larimer county in 1925, and in that year it produced 35,000 gallons of natural gasoline valued at $4,000. The maximum output for the state was established in 1928 when two plants in the state produced 1,909,000 gallons, with a value of $136,000. A decline in output began in 1928 and continued down to the end of 1932, the production in the last named year being 472,000 gallons, valued at $11,000. There were three natural gasoline plants in the state on January 1, 1934, of which two were in operation and one was shut down. All three plants are of the absorption type and have an aggregate capacity for recovering 12,000 gallons of gasoline per day.

A table published herewith gives the number of plants in operation, natural gasoline produced, quantity of gas produced, value, etc., by years, beginning with 1925.

HELIUM

Helium, a rare and inert gaseous element which has its birthplace in the sun, and which is subject to some unusual laws of nature and the United States government, exists in Colorado in large quantities and in a higher degree of purity than is found in any other part of the world. During a total eclipse of the sun in 1868, Sir J. Norman Lockyer, an English astrophysicist, definitely established for the first time by means of a spectroscope attached to a telescope the existence of a continuous stratum or envelope of atmosphere surrounding the sun which, he estimated, was 5,000 miles thick. While the direct and blinding rays of the sun were obscured by the eclipse, this atmosphere was thrown into relief and there were revealed magnificently red and violet-colored prominences extending far into space. The spectroscope was then brought into use to determine by color lines the gaseous nature of the prominences and of what gases they were composed. On November 15, 1868, Lockyer noted a yellow line in the spectrum and after exhaustive experiments to determine the nature of the gas forming the line, he becamse convinced that it was due to some substance in the sun then unknown on earth. He gave the name "helium" to this substance.

On March 26, 1895, William Ramsey, professor of chemistry at University College, London, announced to the British Royal Society, that while experimenting in an effort to produce argon, another inert gas discovered in the meantime, from the mineral cleveite, that the yellow line characteristic of helium also had appeared. This was the first time helium was recognized as a constituent of the earth's substance. Further investigations disclosed that the alpha ray emitted at an enormous rate of speed, thousands of miles per second, an atom carrying two positive charges of electricity. This was helium, produced by the spontaeous disintegration of radioactive substances. Sources of helium were found not only in minerals, but in the atmosphere and in mineral springs. Its recovery from these sources, however, is not commercially practical. In 1903, a natural gas well at Dexter, Kansas, was found to contain helium in sufficient volume for practical purposes.

Helium is lighter than air and is non-combustible. The United States government became interested in its use in dirigibles and blimps for war purposes in preference to hydrogen because of the explosive danger in the latter. Experiments were made in a specially constructed plant at Petrolia, Texas, and this was followed by the construction of a large plant at Amarillo for the production of helium, which at present supplies all of the needs of the government.

In 1927 the Phillips Petroleum company drilled a well on government land in the Red Rocks district, in Las Animas county, in search of oil. The well was abandonded, but it cut a horizon which produced gas. This gas contained nine per cent helium, the largest percentage of that substance so far found in natural gas. The federal government, through an act of congress, retains the right to all helium found on the public domain. Later helium was discovered in natural gas wells on the Model dome in Las Animas county. This gas also was rich in helium, running 7.8 to 8 per cent. The Helium company, the only private producer of helium in the country, owns the wells at Model and constructed a plant at Thatcher. This plant was in operation, selling exclusively to the government, until the latter's plant at Amarillo was completed. The United States will not permit the export of helium and the

Thatcher plant is not in operation at this time. Helium also has been found in western and northern Colorado and the government has a large helium reserve at Farnham, Utah. If the government responds favorably to efforts to place helium production on a commercial basis, Colorado is expected to become one of the principal sources of supply for this product.

FUEL OIL DISTRIBUTION IN COLORADO

(Compiled from surveys of gas-oil and fuel-oil distribution in the United States made by the United States Bureau of Mines, co-operatively with the American Petroleum Institute. Quantities are in barrels of 42 gallons each.)

USES	1931	1930	1929	1928	1927
Railroads	130,279	40,576	19,065	17,900	19,883
Gas and electric power plants	18,775	10,957	24,467	60,420	83,270
Smelters and mines	1,514	388	18,115	16,493	62,928
Steel mills and foundries	713	2,020	53,310	276,014	443,425
Automotive industries	.....	582	2,246	144	.....
Textiles and their products	.....	.....	245	.....	.....
Chemical and allied industries	.....	.....	285	432	165
Sugar refineries	.....	.....	.....	.....	.....
Cement and lime plants	.....	.....	2,752	344	216
Ceramic industries	694	771	28,327	41,680	50,093
Commercial heating	40,867	41,385	4,934	754	35,847
Domestic heating	59,043	95,331	73,803	9,435	2,500
Food industries	4,438	2,067	53,083	28,876	30,871
Other manufacturing	.....	1,697	5,984	3,538	2,539
Used as fuel by oil companies	128,299	159,865	147,800	125,205	89,252
Miscellaneous	3,157	12,144	11,543	4,380	63,019
Totals	387,779	367,783	445,959	585,615	884,008

Note.—This survey has been discontinued and no canvass was made for 1932 and subsequent years.

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.

At the present rate of production of crude oil, Mr. Winchester's estimate of recoverable oil in the Colorado shales alone is equal to the entire output of crude oil in the United States for a period of 50 years.

Production of oil from shale has been in progress in Scotland and other European countries for many years upon a profitable basis, but it is a comparatively new and undeveloped industry in this country, though considerable progress has been made in recent years in working out processes, acquiring shale lands and other preliminary operations.

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 was handled in a small way the same as the product would be worked by a larger unit, so that actual results in the recovery of oil, the cost of mining, transporting and crushing the shale, and other details can be determined. This was followed by the construction at Boulder by the bureau of mines, in 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 operation subsequently was discontinued.

Colorado's oil shales are found principally in what is known as the Green River formation. Tests made by the United States geological survey have shown a recovery of 10 to 68 gallons of oil from a ton of shale. Many by-products are recoverable from shale, among which is ammonium sulphate. The survey estimates that 300,000,000 tons of that product can be recovered in the process of recovering the other contents.

Colorado's Educational System

COLORADO ranks favorably among the states of the Union in educational facilities and in some specialized lines it stands near the top of the list. The state has a large and elaborate public school system, which is undergoing rapid extension. In addition, it has a number of colleges, universities and professional schools for the higher education of students and numerous commercial and business colleges, nurses' training schools and parochial schools and private institutions offering specialized courses in music, the arts and sciences.

Illiteracy, the inability to read and 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. The 1930 census showed that only 2.8 per cent of the persons in the state 10 years old or more were illiterate, which compares with 3.2 per cent in 1920, 3.7 per cent in 1910 and 4.2 per cent in 1900. The 2.8 per cent illiteracy in Colorado in 1930 compares with 4.3 per cent for the United States as a whole and the 3.2 per cent in 1920 compares with 6.0 per cent. Additional information on illiteracy in Colorado will be found in a separate chapter published elsewhere in this volume.

The enrollment in the public and private schools, colleges and universities of the state in the regular school year of 1932-1933 was 268,451, a decrease of 15,288 as compared with the preceding school year, a decrease of 17,713 as compared with 1930-1931, and a decrease of 9,192 as compared with 1929-1930. This is exclusive of duplications, summer schools and commercial and business schools. There are several of the latter in the state for which reliable statistics are not available. There was a decrease of 2,714 in the number enrolled in 1929-1930 as compared with 1928-1929, in which school year there was an increase of 5,130 over 1927-1928. This increase was accounted for in part by the inclusion of two institutions with an enrollment of 204 in the tabulations for 1928-1929 which were not in the figures for the preceding school year.

There were 5,035 more males than females enrolled in the school year of 1932-1933. This approximate ratio has been maintained for four years in suc-

cession, the females exceeding the males only in 1928-1929. The number of males was 5,921 larger than females in 1931-1932; 3,998 larger in 1930-1931 and 2,691 larger in 1929-1930. Females exceeded the males by 1,821 in 1928-1929.

Enrollment by sex and total enrollment for all institutions for the regular school years by years are as follows:

	Male	Female	Total
1924-1925	....*	....*	266,938
1925-1926	....*	....*	278,696
1926-1927	....*	....*	274,637
1927-1928	138,873	136,354	275,227
1928-1929	139,268	141,089	280,357
1929-1930	140,167	137,476	277,643
1930-1931	145,081	141,083	286,164
1931-1932	144,830	138,909	283,739
1932-1933	136,743	131,708	268,451

*Not segregated for these years.

The public schools account for 91.3 per cent of the total enrollment in the state. The parochial schools come second with 4 per cent; state controlled institutions third with 2.9 per cent and private colleges and universities last with 1.8 per cent of the total enrollment.

Enrollment by type and by sex for the school year of 1932-1933 is as follows:

	Male	Female	Total
Public schools	124,702	120,472	245,174
State controlled colleges and universities	4,663	3,163	7,826
Privately controlled colleges and universities	2,180	2,485	4,665
Parochial, etc.	5,198	5,588	10,786
Totals	136,743	131,708	268,451

The cool summers and other attractive features in Colorado afford unusually desirable opportunities for summer schools, and a number of the larger institutions make these regular and important features of their programs. Many students from eastern states, where the summer period is too oppressive for effective work in the school room, attend the summer terms of Colorado institutions and combine education with recreation.

Ten of the colleges and universities of the state, both publicly and privately controlled, conducted summer schools in 1933, in which there were enrolled 5,114 students, of whom 1,883 were males and 3,231 were females.

The institutions which conducted summer schools enrolled 10,184 for the regular school year of 1932-1933. The summer enrollment was 5,114, or 50.2 per cent of the enrollment for the regular school year. The summer schools in 1932 had an enrollment of 71 per cent. Two institutions reported a larger enrollment for the summer term in 1932 than for the regular school year. The summer school enrollment by years is as follows:

	Male	Female	Total
1928	....*	....*	8,522
1929	....*	....*	8,680
1930	2,586	6,239	8,825
1931	2,672	6,427	9,099
1932	2,966	5,334	8,300
1933	1,883	3,231	5,114

*Not segregated.

The value of all property in the state used for educational purposes, based on inventories of state institutions and investment in public schools and private colleges and universities, is $90,320,390. This total is compiled on the following basis:

Public schools (1932)	$63,017,405
State universities and colleges (1932)	16,637,276
County high schools	1,695,336
Private universities and colleges (1928)	*5,479,373
Private high schools and academies (1930)	3,491,000
Total	$90,320,390

*Includes value of libraries, grounds, buildings and equipment, but excludes productive funds amounting to $5,225,615.

The cost of operating the educational institutions of the state, including both publicly and privately controlled, is estimated at $40,000,000 annually. The expenditures for the public schools in 1932 amounted to $24,441,541 and of state owned institutions in 1932, $5,387,227. Data on private universities and colleges and parochial schools are not available, but estimated on a per capita basis at slightly less than the per capita costs of publicly controlled institutions, indicate an annual outlay of close to $10,000,000.

The public and private schools, colleges and universities included in this summary reported a total of 10,936 instructors and teachers employed during the regular school year of 1932-1933, of whom 2,712 were males and 8,224 were females. These are exclusive of the instructors and teachers in the summer schools. The figures by types for 1932-1933 are as follows:

	Male	Female	Total
Public schools	1,951	7,544	9,495
State colleges and universities	399	150	549
Private colleges and universities.	261	113	374
Parochial	101	417	518
Totals	2,712	8,224	10,936

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

	Male	Female	Total
1925-26	2,469	8,565	11,034
1927-28	2,379	8,660	11,039
1928-29	2,377	8,616	10,993
1929-30	2,338	8,832	11,170
1930-31	2,523	8,847	11,370
1931-32	2,622	8,812	11,434
1932-33	2,712	8,224	10,936

Additional information on public schools, colleges and universities and private schools will be found in chapters under those headings.

A table is published herewith showing enrollment of public schools, state-controlled and privately-controlled colleges and universities and parochial schools by years.

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 2,052 school districts, the schools in each district being under the supervision of a local school board elected by the district. Each county has a superintendent of schools who is chosen at the general elections and who has limited advisory powers and certain powers for organizing new districts, consolidated schools and inter-district movements. A state superintendent of public instruction is chosen at each biennial general election.

The revenues for the operation of the schools are derived from three sources. The largest revenue is derived from district school levies. The directors in each district make annual budgets of funds required and their budgets are certified by the county superintendents to the county commissioners, who make levies through the regular tax-collecting channels. In addition, the state is a large owner of school land, from the sale and operation of which funds are derived. These revenues are maintained in a permanent school fund and the interest therefrom becomes available for the support of the state educational institutions. The third source of revenue is from levies made by counties under a minimum teachers' salary law which is limited to not to exceed five mills a year. School districts may authorize the issuance of school bonds upon vote of taxpaying electors, and many of the school buildings of the state have been and are being constructed through bond issues.

The state superintendent of public instruction reported a total of 3,239 schools in the state in 1932, a high school, an elementary school and a kindergarten housed in the same building being counted as three schools. These are classified as follows:

Senior high schools	327
Junior high schools	139
Elementary schools	658
Kindergarten schools	54
Rural schools	2,061
Total	3,239

In 1932 there was a total of 3,167 school houses, classified as follows:

Sod, adobe or log	250
Frame	1,830
Brick or stone	1,087
Total	3,167

The number of school houses in use in 1932 was 3,005.

The growth in the number of school districts, schools and buildings in recent years is shown in the following table:

Year	Dists.	Schools	Bldgs.
1921	1,900	....	3,742
1922	1,912	2,884	3,510
1923	1,944	3,243	3,635
1924	1,992	3,391	3,587
1925	2,003	3,396	4,116
1926	2,019	*3,302	*3,800
1927	2,029	3,439	4,380
1928	2,032	3,317	4,636
1929	2,040	3,334	3,543
1930	2,041	3,305	3,208
1931	2,033	3,300	3,199
1932	2,052	3,239	3,167

*Apparent decrease is due to failure of Washington county superintendent to report in 1926, that county reporting 121 schools and 313 buildings in 1925.

The total value of public school property in 1932, as reported by the state superintendent of public instruction, was $63,017,405, of which $50,904,602 was in buildings, $5,587,870 in land and $6,524,933 in equipment.

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

	Valuation	
	Total	Per Pupil
1922	$33,518,134	.....
1924	43,100,821	.....
1925	48,803,695	$284.48
1926	54,643,685	218.63
1927	56,232,651	259.72
1928	59,738,453	237.88
1929	60,656,164	236.80
1930	62,147,540	246.00
1931	63,615,456	244.08
1932	63,017,405	244.40

Total enrollment by years, with increases, is as follows:

Year	Enrollment	Increase
1920	229,508	.....
1921	232,757	3,249
1922	243,004	10,247
1923	249,813	6,809
1924	247,195	*2,618
1925	255,115	7,920
1926	250,087	*5,208
1927	251,615	528
1928	251,131	*484
1929	256,134	5,003
1930	252,718	*3,416
1931	260,635	7,917
1932	257,940	*2,695

*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 up to and including 1930, and June 30 for subsequent years are as follows:

Year	Amount
1918	$1,156,943
1920	1,520,396
1922	1,582,097
1924	1,777,314
1926	1,868,083
1928	1,672,690
1930	1,631,566
1932 (19 months)	1,093,736

The indebtedness of the public school districts as of June 30, 1932, was $32,441,149, of which $29,199,594 was in bonds and $3,241,556 in warrants. There is published elsewhere in this volume a detailed statement by counties of bonded indebtedness as of January 1, 1933.

The annual per capita cost of education in the public schools, as reported by the state superintendent of public instruction, based on enrollment and average attendance, is as follows:

Year	Enrollment	Attendance
1921	$ 70.56	$ 97.97
1922	80.57	114.88
1923	83.53	119.59
1924	94.03	129.51
1925	104.74	143.53
1926	107.51	183.51
1927	97.44	135.83
1928	101.10	135.82
1929	98.22	129.36
1930	103.73	137.43
1931	100.42	132.85
1932	94.76	122.72

Receipts for school purposes, including county high schools, and the sources of revenue, for the year ending June 30, 1932, as reported by the state superintendent, were as follows:

Balance on hand	$ 3,260,406
General fund, by apportionment	559,028
County levy, teachers' minimum salary	5,309,452
Special tax	15,050,067
Tuition	227,334
All other sources	2,324,820
Total	$26,731,107

Disbursements for the year ending June 30, 1932, were as follows:

Teachers' salaries	$13,988,979
Current expenses	5,660,422
Permanent improvements	763,874
Library purposes	125,815
Redemption of bonds	1,183,980
Payment overdrafts	890,456
Interest:	
Bonds	1,441,745
Warrants	111,714
Abatement and fees	274,557
Total	$24,441,542

Receipts and disbursements, by years, were as follows:

	Receipts	Disbursements
1925	$27,158,849	$26,720,801
1926	25,204,797	26,888,074
1927	24,113,137	24,518,450
1928	25,432,727	25,410,668
1929	25,216,148	25,157,462
1930	26,393,967	26,213,617
1931	25,179,563	26,172,932
1932	23,470,700	24,441,542

COLLEGES AND UNIVERSITIES

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

Name	Location	Year of Opening
University of Colorado	Boulder	1877
Agricultural college	Fort Collins	1879
School of Mines	Golden	1874
Western State college	Gunnison	1909
Adams State Normal	Alamosa	1925
Teachers college	Greeley	1890
Fort Lewis School	Hesperus	1911
Colorado college	Colorado Springs	1874
Regis college	Denver	1888
Colorado Woman's college	Denver	1909
University of Denver	Denver	1864
Loretto Heights college	Loretto	1918
Iliff School of Theology	Denver	1892
Westminster Law School	Denver	1912

The first seven named above are publicly controlled and are largely supported by legislative appropriations and state tax levies. The Agricultural college and State university derive some revenue from the sale and administration of school land grants made by the federal government for their benefit. These funds are admin-

istered through the state land board in the same manner as the public school land funds.

The number of students enrolled in the colleges and universities included in this survey for the regular school year 1932-1933, by sex, was as follows:

Name	Male	Female	Total
University of Colorado	2,191	1,112	3,303
Agricultural college	1,002	441	1,443
School of Mines	529	....	529
Western State College	184	194	378
Adams State Normal	64	135	199
Teachers college	619	1,197	1,816
Fort Lewis School	74	84	158
Colorado college	382	300	682
Regis college	392	....	392
Colorado Woman's college	....	249	249
University of Denver	1,294	1,742	3,036
Loretto Heights college	....	180	180
Iliff School of Theology	47	4	51
Westminster Law School	65	10	75
Total	6,843	5,648	12,491

PAROCHIAL SCHOOLS

The Roman Catholic educational institutions in Colorado include 49 parochial schools, four academies for girls, two special schools for boys, four orphan asylums, one seminary and one industrial and reform school. Total enrollment in these institutions in the school year of 1932-1933 was 10,786, of which 5,198 were males and 5,588 were females. The parochial schools accounted for 9,542 of these, the academies for 275, and the orphan asylums for 634. The number of teachers employed was 518, of whom 101 were male and 417 female. The parochial schools accounted for 387 of these, the academies for 65 and the orphan asylums for 38.

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

PRIVATE COMMERCIAL AND BUSINESS SCHOOLS

Data on private commercial and business schools in the state are not included in the general summary of Colorado's educational system, due to the difficulty of compiling information that is comparable. Thirteen of these institutions reported to the federal bureau of education for the school year of 1924-1925. These schools had an enrollment of 4,861 students, of whom 3,118 were in the day courses and 1,743 in the night courses. The number of instructors and professors employed by these schools was 115, of whom 62 were men and 53 were women.

In addition to the public schools, universities, colleges and professional schools mentioned herewith, there are in the state a number of nurses' schools, law schools, theological universities, schools of music and art, and private business schools which are not included in this report.

ENROLLMENT IN PUBLIC SCHOOLS, STATE CONTROLLED AND PRIVATELY CONTROLLED COLLEGES AND UNIVERSITIES AND PAROCHIAL SCHOOLS, BY YEARS

	[3]Public Schools	Colleges and Universities		Parochial Schools
		State Controlled	Privately Controlled	
1919-1920	229,508	....	....	.....
1920-1921	232,757	....	....	.....
1921-1922	243,004	[1]4,450	[1]3,505	.....
1922-1923	249,813	....	....	.....
1923-1924	247,195	[1]4,327	[1]3,896	.....
1924-1925	255,115	....	....	.....
1925-1926	250,087	7,319	4,216	12,213
1926-1927	251,615	7,114	3,695	([2])
1927-1928	251,131	7,615	3,879	12,602
1928-1929	256,134	7,509	4,112	([2])
1929-1930	252,718	7,319	4,753	12,853
1930-1931	260,635	8,033	4,749	12,747
1931-1932	257,940	8,304	4,660	12,835
1932-1933	245,174	7,826	4,665	10,786

[1]Includes three state controlled and five privately controlled institutions.
[2]No report.
[3]Includes county schools.

OTHER STATE SCHOOLS

In addition to the state educational institutions listed in this chapter Colorado carries on a definite program of education in separate institutions for the mute, the blind and the deaf. Likewise consistent educational programs are carried on at the industrial schools for boys and girls, the reform schools and various other institutions of involuntary confinement. The pupils in these schools are not counted, as they are included among the inmates of the institutions named, in the chapter under the heading "State Institutions."

ILLITERACY

Illiteracy in Colorado is steadily decreasing. An illiterate, for census purposes, is a person 10 years old or over who cannot read and write. The 1930 census showed that only 2.8 per cent of the persons 10 years old or over were illiterate, as compared with 3.2 per cent in 1920, 3.7 per cent in 1910 and 4.2 per cent in 1900. These figures compare with 4.3 per cent illiterate for the United States in 1930 and 6.0 per cent in 1920. The highest per cent of illiteracy is among the foreign-born whites and the lowest among the native-born whites. Comparative data for 1930 and 1920 for the state is as follows:

	1930	1920
Persons 10 years old or over	835,341	747,485
Number illiterate	23,141	24,208
Per cent	2.8	3.2
Native white—native parentage:		
Number	520,669	463,431
Illiterate	5,095	7,655
Per cent	1.0	1.7
Native white—foreign or mixed parentage:		
Number	177,009	156,732
Illiterate	712	969
Per cent	0.4	0.6
Foreign-born white:		
Number	85,092	114,285
Illiterate	7,331	14,224
Per cent	8.6	12.4
Negro:		
Number	10,280	9,909
Illiterate	403	619
Per cent	3.9	6.2
Urban:		
Number	436,132	380,533
Illiterate	8,387	8,743
Per cent	1.9	2.3
Rural:		
Number	399,209	366,952
Illiterate	14,754	15,465
Per cent	3.7	4.2

The following table shows the number and per cent of the population 10 years old or over illiterate in 1930 and per cent in 1920 by counties:

	1930 Number	1930 Per cent	1920 Per cent
Adams	718	4.4	3.6
Alamosa	249	3.8	3.6
Arapahoe	103	0.6	0.6
Archuleta	181	7.6	4.1
Baca	48	0.6	0.6
Bent	237	3.3	5.5
Boulder	518	1.9	2.1
Chaffee	378	5.7	3.8
Cheyenne	26	0.9	2.0
Clear Creek	10	0.5	1.5
Conejos	459	6.5	11.7
Costilla	526	12.7	16.4
Crowley	207	4.6	2.9
Custer	26	1.5	1.3
Delta	390	3.5	0.8
Denver	3,362	1.4	1.9
Dolores	12	1.1	0.2
Douglas	41	1.4	1.1
Eagle	53	1.7	0.7
Elbert	39	0.8	1.0
El Paso	375	0.9	1.1
Fremont	427	2.7	4.5
Garfield	119	1.5	0.9
Gilpin	3	0.3	2.0
Grand	9	0.5	1.9
Gunnison	76	1.7	0.6
Hinsdale	2	0.5	0.7
Huerfano	1,149	9.1	14.1
Jackson	7	0.6	1.2
Jefferson	172	0.9	1.4
Kiowa	69	2.3	1.7
Kit Carson	26	0.4	0.5
Lake	83	2.0	5.1
La Plata	385	3.8	4.8
Larimer	840	3.2	3.0
Las Animas	2,350	8.7	12.6
Lincoln	38	0.6	1.1
Logan	417	2.7	3.0
Mesa	377	1.8	1.8
Mineral	5	0.9	1.7
Moffat	24	0.6	1.0
Montezuma	294	5.0	7.3
Montrose	353	3.9	1.1
Morgan	428	3.1	3.2
Otero	1,085	5.8	3.7
Ouray	17	1.2	1.5
Park	11	0.6	1.4
Phillips	12	0.3	0.4
Pitkin	10	0.7	1.1
Prowers	366	3.2	5.1
Pueblo	2,316	4.3	6.3
Rio Blanco	6	0.3	0.2
Rio Grande	405	5.3	4.2
Routt	180	2.4	1.4
Saguache	246	5.3	3.7
San Juan	28	1.7	0.1
San Miguel	81	4.6	1.2
Sedgwick	162	3.8	6.0
Summit	9	1.1	0.4
Teller	21	0.6	0.7
Washington	26	0.4	0.8
Weld	2,506	5.0	4.0
Yuma	43	0.4	0.3
State	23,141	2.8	3.2

The following table shows the number and per cent of illiterate persons 10 years old or more in 1930 and per cent illiterate in 1920 in cities of 10,000 population or more:

	1930 Number	1930 Per cent	1920 Per cent
Boulder	21	0.2	0.3
Colorado Springs	188	0.7	1.0
Denver	3,362	1.4	1.9
Fort Collins	188	2.0	1.5
Grand Junction	133	1.6	2.1
Greeley	274	2.7	1.2
Pueblo	1,625	3.9	5.4
Trinidad	418	4.5	4.7

AVERAGE ANNUAL PER CAPITA COST OF EDUCATION IN PUBLIC SCHOOLS

(From Records of the State Superintendent of Public Instruction)

COUNTY	1932		1931		1930		1929		1928	
	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance
Adams	$ 82.67	$112.37	$ 86.10	$114.27	$ 85.81	$117.42	$ 74.01	$110.22	$ 88.49	$127.64
Alamosa	82.17	105.67	105.57	141.01	86.70	126.04	93.29	128.95	93.53	133.91
Arapahoe	73.95	95.43	85.49	104.62	84.82	115.69	78.56	106.00	83.00	109.32
Archuleta	57.92	83.66	56.19	76.71	57.62	80.31	57.58	71.14	56.45	82.75
Baca	105.36	133.63	92.99	124.97	83.35	117.77	84.82	116.79	62.63	93.63
Bent	70.50	90.64	78.12	107.52	89.77	138.54	91.76	120.14	82.58	95.15
Boulder	93.29	113.12	96.87	121.26	101.33	129.31	100.81	126.69	96.69	124.45
Chaffee	84.66	100.83	87.76	108.06	89.96	111.41	79.33	92.56	89.79	112.87
Cheyenne	144.28	174.57	151.21	196.08	154.19	192.55	158.64	202.09	147.51	192.58
Clear Creek	96.10	108.91	103.93	123.68	102.33	132.60	106.22	135.30	100.98	125.82
Conejos	73.97	96.97	63.53	84.25	63.88	85.13	58.71	95.76	55.41	79.29
Costilla	43.14	65.41	51.81	80.82	50.30	81.92	50.98	82.28	60.34	85.56
Crowley	93.68	105.61	114.28	148.13	127.32	153.49	103.10	143.59	102.55	142.93
Custer	83.27	102.55	74.32	103.27	89.87	124.51	82.40	139.13	65.11	93.19
Delta	75.94	108.34	82.27	105.64	91.26	117.79	87.96	114.97	75.93	107.92
Denver	107.24	142.30	112.61	151.18	114.23	149.09	104.37	144.40	119.72	157.20
Dolores	61.36	84.45	53.67	66.91	78.01	108.09	101.05	----	54.47	76.98
Douglas	134.61	148.60	131.51	169.27	134.19	170.48	122.20	163.20	102.81	145.36
Eagle	105.86	129.90	104.20	129.58	109.75	140.49	106.18	142.71	92.96	131.28
Elbert	117.67	142.16	120.55	146.89	123.49	151.83	122.75	153.01	110.53	139.30
El Paso	114.73	142.91	121.51	154.13	129.37	166.66	125.82	150.00	130.32	182.48
Fremont	95.31	117.94	131.66	162.52	105.90	133.93	91.82	115.10	89.11	116.21
Garfield	104.66	122.68	106.26	148.66	115.06	122.70	98.68	140.34	77.38	99.33
Gilpin	93.99	126.68	128.61	169.97	90.55	124.87	176.50	202.78	112.38	163.45
Grand	96.22	133.75	94.60	136.36	108.97	148.31	106.57	147.18	68.38	105.40
Gunnison	115.59	139.60	103.63	159.03	111.61	150.29	113.65	146.11	91.51	107.27
Hinsdale	78.47	101.49	128.43	162.47	104.68	120.79	103.82	112.57	88.89	101.05
Huerfano	75.44	99.13	69.01	96.21	85.62	126.81	68.50	102.84	61.27	100.99
Jackson	93.59	117.18	97.80	114.99	100.81	145.67	99.40	141.08	101.51	134.98
Jefferson	82.91	102.68	85.32	109.95	82.80	109.11	78.50	91.91	83.87	135.97
Kiowa	122.40	135.62	136.38	167.45	137.11	172.56	135.00	171.62	139.40	180.51
Kit Carson	103.12	127.07	115.91	129.11	124.08	155.92	106.14	137.01	107.85	136.45
Lake	89.84	103.79	97.77	116.45	98.02	117.75	91.76	113.08	86.81	105.42
La Plata	73.47	95.33	82.84	110.54	82.60	113.34	74.87	99.92	76.58	108.50
Larimer	93.11	114.71	94.46	121.38	102.46	134.00	97.01	125.46	95.89	125.44
Las Animas	81.44	106.01	81.32	105.47	26.06	39.12	80.56	110.35	66.83	93.14
Lincoln	112.47	137.40	116.99	138.76	126.69	145.63	114.34	128.43	127.55	152.87
Logan	103.01	129.63	106.04	164.24	120.91	158.89	97.59	129.46	100.91	125.28
Mesa	62.75	80.93	78.37	99.60	76.79	103.14	75.51	95.31	75.38	98.14
Mineral	105.50	129.18	113.96	139.55	125.64	169.40	98.09	126.78	65.56	69.45
Moffat	71.46	94.03	99.70	168.14	90.65	113.27	90.93	120.94	89.38	124.65
Montezuma	59.90	68.27	66.82	87.02	74.60	91.54	71.10	95.49	82.36	119.13
Montrose	74.53	91.94	68.38	91.38	74.20	95.42	75.15	98.12	69.10	97.81
Morgan	86.04	115.28	88.36	129.90	110.17	152.40	128.94	193.36	90.04	127.75
Otero	72.24	92.06	78.98	105.52	84.89	113.49	83.93	107.16	86.33	116.61
Ouray	103.58	130.03	116.31	142.81	130.89	159.07	108.88	142.35	73.29	95.29
Park	116.42	153.57	145.02	258.83	131.86	246.09	177.85	253.37	137.95	210.91
Phillips	93.68	114.58	94.95	117.38	97.04	117.20	93.72	115.53	78.99	102.04
Pitkin	85.98	98.12	95.40	78.07	95.91	113.53	86.31	98.95	81.03	108.31
Prowers	77.24	103.83	98.05	131.38	99.82	131.83	94.03	130.76	112.44	145.42
Pueblo	91.20	114.47	96.50	133.82	98.40	135.16	92.16	97.73	99.71	134.49
Rio Blanco	109.51	124.73	106.72	112.50	114.51	144.45	84.91	107.78	111.52	140.85
Rio Grande	105.89	132.03	104.65	148.03	114.52	136.11	86.07	114.65	103.91	153.50
Routt	89.25	113.60	105.77	136.81	106.08	135.06	104.73	163.69	----	----
Saguache	112.90	152.58	100.67	145.84	113.96	155.21	109.83	153.13	113.70	169.71
San Juan	118.82	158.90	96.32	130.56	110.13	116.63	167.21	214.71	172.35	218.09
San Miguel	87.40	102.87	130.43	160.92	158.33	198.58	91.30	118.02	86.91	117.89
Sedgwick	113.12	134.20	117.37	151.41	74.09	97.64	117.12	158.48	79.94	109.60
Summit	165.34	191.55	182.70	227.20	178.07	200.45	143.30	193.70	143.78	180.84
Teller	73.16	117.23	82.23	134.39	91.58	109.93	93.43	118.77	98.08	105.62
Washington	101.21	123.50	110.32	136.09	116.78	147.88	118.44	136.67	97.62	120.02
Weld	105.83	164.46	107.32	144.75	116.70	165.31	117.23	160.69	117.59	161.41
Yuma	89.95	102.96	111.49	131.48	101.09	125.58	101.55	127.89	72.34	93.59
State	$ 94.76	$122.72	$100.42	$132.85	$103.73	$137.45	$ 98.22	$129.36	$101.10	$135.82
*Co. H.Sc.	----	----	----	----	----	----	----	----	168.31	196.87
Total	$ 94.76	$122.72	$100.42	$132.85	$103.73	$137.43	$ 98.22	$129.36	$ 99.69	$134.24

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

Note—1932 figures for enrollment and average attendance were not available for Mineral county; 1931 figures used.

VALUE OF PUBLIC SCHOOL PROPERTY, 1932, BY COUNTIES

(From Records of Superintendent of Public Instruction)

COUNTY	Buildings	Land	Equipment	Total	Per Pupil Enrolled
Adams	$ 896,485.00	$ 201,315.00	$ 74,080.00	$ 1,171,880.00	$214.00
Alamosa	352,750.00	35,740.00	54,179.00	442,669.00	188.00
Arapahoe	785,243.75	98,984.99	73,143.97	957,372.71	163.00
Archuleta	137,564.25	20,578.00	30,359.12	188,501.37	208.00
Baca	351,200.00	11,198.50	50,181.32	412,579.82	123.00
Bent	328,985.77	19,430.00	46,029.00	394,444.77	163.00
Boulder	1,401,234.25	177,098.00	142,611.00	1,720,943.25	219.00
Chaffee	266,850.00	12,875.00	38,960.00	318,685.00	187.93
Cheyenne	249,500.00	9,416.00	56,895.00	315,811.00	282.50
Clear Creek	147,400.00	8,635.00	12,925.00	168,960.00	368.10
Conejos	283,650.00	10,725.00	51,000.00	345,375.00	113.00
Costilla	82,975.00	6,775.00	11,650.00	101,400.00	64.00
Crowley	392,180.00	15,875.00	30,850.00	438,905.00	408.00
Custer	50,250.00	2,980.00	10,907.50	64,137.50	150.00
Delta	630,934.00	37,705.00	71,142.95	739,781.95	189.74
Denver	17,237,546.38	2,602,660.19	2,032,360.70	21,872,567.27	343.00
Dolores	19,250.00	955.00	2,875.00	23,080.00	64.00
Douglas	166,380.92	8,461.00	21,144.74	195,986.66	233.70
Eagle	156,726.00	8,915.00	41,951.00	207,592.00	209.90
Elbert	199,162.00	5,215.00	39,068.00	243,445.00	163.05
El Paso	2,731,594.05	458,947.96	326,054.05	3,516,596.06	323.82
Fremont	949,915.00	33,840.00	111,259.89	1,095,014.89	204.11
Garfield	647,200.00	110,670.00	87,145.00	845,015.00	328.00
Gilpin	45,390.00	2,035.00	6,350.00	53,775.00	193.00
Grand	74,650.00	4,375.00	13,735.00	92,760.00	167.00
Gunnison	477,967.34	13,165.00	31,755.00	522,887.34	373.00
Hinsdale	11,000.00	1,050.00	1,050.00	13,100.00	135.00
Huerfano	448,400.00	19,715.00	40,300.00	508,415.00	113.00
Jackson	26,475.00	3,125.00	9,075.00	38,675.00	155.00
Jefferson	938,828.00	73,915.00	141,649.00	1,154,392.00	221.00
Kiowa	205,015.00	6,255.00	31,150.00	242,420.00	203.00
Kit Carson	366,903.00	16,365.00	72,380.00	455,648.00	121.00
Lake	117,401.00	625.00	28,767.20	146,793.20	181.00
La Plata	612,810.75	62,633.00	60,667.00	736,110.75	209.00
Larimer	1,426,141.77	203,111.47	162,812.78	1,792,066.02	182.76
Las Animas	1,116,455.00	106,310.25	138,448.80	1,361,214.05	144.00
Lincoln	380,950.00	10,688.00	64,071.00	455,709.00	161.00
Logan	853,315.00	78,734.00	163,407.00	1,095,456.00	201.55
Mesa	926,700.00	95,910.00	128,853.00	1,151,463.00	153.00
Mineral	8,000.00	800.00	1,300.00	10,100.00	-----
Moffat	141,700.00	7,320.00	28,700.00	177,720.00	139.00
Montezuma	192,140.00	20,035.00	43,775.00	255,950.00	119.00
Montrose	487,600.00	26,855.00	75,875.00	590,330.00	182.00
Morgan	1,015,917.00	78,580.00	138,249.00	1,232,746.00	235.00
Otero	1,231,018.95	106,387.00	154,480.11	1,491,886.06	208.78
Ouray	61,187.00	3,360.00	12,615.00	77,162.00	186.85
Park	56,275.00	5,100.00	9,945.00	71,320.00	184.00
Phillips	291,850.00	22,512.50	37,415.00	351,777.50	212.00
Pitkin	62,200.00	8,900.00	10,026.00	81,126.00	271.00
Prowers	642,629.35	24,537.00	79,325.48	746,491.83	173.00
Pueblo	3,900,006.75	358,575.97	471,680.96	4,730,263.68	326.50
Rio Blanco	164,235.00	12,880.00	21,225.00	198,340.00	314.00
Rio Grande	537,888.80	32,850.00	121,750.00	692,488.80	300.00
Routt	473,568.11	23,364.00	61,297.86	558,229.97	212.00
Saguache	283,175.00	10,050.00	54,600.00	347,825.00	237.00
San Juan	60,000.00	10,000.00	1,000.00	71,000.00	314.00
San Miguel	188,630.39	3,605.00	16,451.34	208,686.73	345.00
Sedgwick	474,729.79	28,228.21	114,878.95	617,836.95	265.00
Summit	113,800.00	1,500.00	14,100.00	129,400.00	681.00
Teller	86,550.00	1,050.00	9,500.00	97,100.00	116.00
Washington	340,555.00	9,845.00	53,345.00	403,745.00	147.00
Weld	3,184,817.45	185,829.42	442,205.52	3,812,852.39	209.00
Yuma	412,750.00	8,700.00	39,950.00	461,400.00	171.00
State	$50,904,601.82	$ 5,587,870.46	$ 6,524,933.24	$63,017,405.52	$244.40

PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1932

COUNTY	Total Number			Teachers			School Population		
	No. of School Districts	Schools	School Bldgs.	Male	Female	Total	Persons of School Age	Enrollm't in Public Schools	Aver. Daily Attend.
Adams	42	87	83	32	185	217	6,185	5,483	4,034
Alamosa	14	*	*	19	64	83	2,685	2,360	1,835
Arapahoe	29	51	51	34	177	211	6,378	5,883	4,559
Archuleta	22	27	28	5	33	38	1,024	910	630
Baca	66	91	85	40	104	144	3,478	3,380	2,665
Bent	38	46	47	26	85	111	2,757	2,421	1,883
Boulder	56	69	78	61½	246½	308	9,761	7,876	6,495
Chaffee	25	31	30	11	62	73	2,198	1,696	1,424
Cheyenne	9	30	40	20	50	70	1,265	1,118	924
Clear Creek	10	13	11	5	20	25	519	459	405
Conejos	30	39	34	29	86	115	3,840	3,061	2,335
Costilla	14	24	19	13	33	46	1,999	1,586	1,046
Crowley	9	22	18	16	52	68	2,022	1,603	1,422
Custer	22	24	21	5	29	34	558	431	350
Delta	18	38	37	34	119	153	5,082	3,899	2,733
Denver	1	77	96	235	1,372	1,607	78,627	63,763	48,051
Dolores	10	18	18	4	17	21	396	362	263
Douglas	33	36	35	9	51	60	957	839	760
Eagle	25	41	39	9	54	63	1,128	989	806
Elbert	47	88	86	19	99	118	2,153	1,689	1,398
El Paso	38	95	83	86	322	408	12,604	10,827	8,692
Fremont	33	51	58	43	148	191	5,521	4,596	3,714
Garfield	43	57	55	31	111	142	3,181	2,574	2,196
Gilpin	11	11	12	3	11	14	247	279	207
Grand	17	28	25	7	32	39	588	556	400
Gunnison	26	36	36	18	51	69	1,536	1,401	1,160
Hinsdale	4	5	4	2	6	8	126	97	75
Huerfano	52	81	79	23	154	177	7,001	4,519	3,434
Jackson	7	10	10	4	14	18	361	293	234
Jefferson	46	67	57	32	172	204	5,916	5,229	4,222
Kiowa	18	32	27	18	46	64	1,452	1,190	1,074
Kit Carson	83	101	89	36	116	152	3,573	2,944	2,389
Lake	9	14	14	6	27	33	1,461	811	702
La Plata	38	64	64	24	110	134	4,345	3,524	2,716
Larimer	46	81	73	51	279	330	10,003	8,692	7,055
Las Animas	120	168	162	67	308	375	12,665	9,458	7,266
Lincoln	45	81	81	36	98	134	2,819	2,287	1,872
Logan	58	96	90	44	205	249	7,107	5,435	4,319
Mesa	36	69	71	55	207	262	8,004	7,533	5,840
Mineral	3	3	3	1	6	7	138	*	*
Moffat	36	62	67	23	67	90	1,600	1,275	969
Montezuma	31	41	40	22	66	88	2,581	2,146	1,883
Montrose	26	35	44	23	97	120	3,939	3,269	2,650
Morgan	19	58	61	36	158	194	6,024	5,310	3,963
Otero	20	43	42	48	181	229	7,661	6,741	5,290
Ouray	12	15	15	4	19	23	457	413	329
Park	20	37	34	6	35	41	544	496	376
Phillips	38	40	38	18	65	83	1,835	1,661	1,358
Pitkin	15	12	12	5	19	24	475	299	262
Prowers	50	72	70	41	134	175	5,148	4,319	3,213
Pueblo	48	115	100	79	489	568	19,998	14,488	11,543
Rio Blanco	15	33	32	4	36	40	887	631	554
Rio Grande	8	12	18	20	84	104	3,476	2,308	1,851
Routt	44	68	75	20	118	138	2,901	2,636	2,071
Saguache	19	24	23	17	46	63	2,051	1,469	1,087
San Juan	1	3	2	3	9	12	318	226	169
San Miguel	15	26	24	6	30	36	697	605	514
Sedgwick	24	32	31	21	62	83	1,914	1,630	1,374
Summit	9	12	9	1	13	14	192	190	164
Teller	11	18	15	5	30	35	1,079	838	523
Washington	85	125	126	41	131	172	3,340	2,737	2,243
Weld	136	217	203	152	556	708	21,967	18,251	11,744
Yuma	117	137	137	59½	151½	211	4,625	3,949	3,450
State	2,052	3,239	3,167	1,868	7,958	9,826	315,369	257,940	199,165

*Figures for 1932 not available; 1931 figures were as follows: Alamosa, 23 schools and 20 school buildings; Mineral, 120 enrolled in public schools and 98 average daily attendance.

RECEIPTS AND EXPENDITURES OF PUBLIC SCHOOL SYSTEM BY COUNTIES

(From Reports of State Superintendent of Public Instruction)

COUNTY	1932		1931	
	Receipts	Expenditures	Receipts	Expenditures
Adams	$ 424,883.13	$ 453,302.07	$ 493,520.79	$ 464,734.37
Alamosa	188,131.62	193,910.25	220,321.10	251,563.32
Arapahoe	423,114.05	435,053.27	440,008.25	443,374.93
Archuleta	47,794.41	52,705.19	46,327.96	53,545.25
Baca	296,687.06	356,123.29	218,624.62	317,552.36
Bent	174,069.50	170,672.41	195,428.04	206,010.39
Boulder	704,762.71	734,740.78	765,860.12	761,980.37
Chaffee	137,588.77	143,580.69	152,076.33	149,449.15
Cheyenne	158,550.92	161,306.60	142,970.60	169,805.75
Clear Creek	43,790.93	44,108.37	44,552.97	44,897.51
Conejos	213,142.06	226,429.30	203,693.47	190,836.40
Costilla	55,241.48	68,414.92	79,504.78	80,413.61
Crowley	135,957.00	150,174.83	212,577.86	204,415.85
Custer	33,036.74	35,891.23	33,038.49	33,664.57
Delta	295,968.38	296,090.97	316,664.31	330,230.20
Denver	6,487,024.99	6,837,754.65	6,856,015.30	7,200,366.32
Dolores	16,527.10	22,211.34	22,419.34	20,072.61
Douglas	106,155.02	112,934.56	115,358.56	119,672.02
Eagle	104,176.93	104,697.56	94,948.49	110,139.93
Elbert	183,306.02	198,740.30	194,321.44	201,685.48
El Paso	1,308,885.02	1,242,131.46	1,308,392.85	1,329,718.12
Fremont	425,989.69	438,028.42	593,271.15	577,590.94
Garfield	261,413.71	269,402.94	294,387.91	275,318.06
Gilpin	23,525.85	26,221.82	21,774.13	29,065.23
Grand	47,452.66	53,500.21	50,262.09	51,271.21
Gunnison	148,600.32	161,941.72	143,678.31	140,105.73
Hinsdale	7,787.16	7,611.77	10,054.94	13,484.81
Huerfano	325,584.07	340,927.56	298,064.23	325,094.85
Jackson	27,748.88	27,421.03	26,301.79	27,482.47
Jefferson	437,426.89	433,534.15	456,255.83	439,377.78
Kiowa	132,827.40	145,659.20	140,744.04	151,377.54
Kit Carson	284,666.46	303,571.80	327,883.42	329,755.69
Lake	79,037.26	72,863.80	81,060.49	85,940.62
La Plata	260,187.51	258,923.38	282,814.13	298,130.18
Larimer	785,143.10	809,310.72	783,649.05	832,402.11
Las Animas	750,695.00	770,281.00	796,267.72	785,671.10
Lincoln	231,910.19	257,214.32	259,799.52	270,591.40
Logan	552,147.04	559,860.22	568,629.21	589,287.32
Mesa	470,092.46	472,660.26	534,329.68	549,690.40
Mineral	8,212.10	12,659.43	12,300.98	13,675.43
Moffat	91,397.24	91,117.36	113,034.61	121,137.57
Montezuma	109,461.36	128,552.85	137,632.78	141,056.35
Montrose	224,102.96	243,639.38	221,030.27	233,382.01
Morgan	447,098.51	456,846.85	479,254.48	484,138.49
Otero	478,145.47	486,994.18	533,406.98	555,160.04
Ouray	38,327.91	42,779.93	47,533.09	40,844.92
Park	52,638.78	57,743.95	56,428.71	57,718.15
Phillips	159,950.60	155,600.67	169,995.70	157,059.55
Pitkin	22,991.98	25,707.20	28,429.19	29,668.21
Prowers	331,833.08	333,593.78	422,010.98	441,422.12
Pueblo	1,379,459.38	1,321,329.97	1,494,535.32	1,507,760.47
Rio Blanco	66,226.45	69,100.30	74,133.05	74,813.25
Rio Grande	202,770.40	244,395.24	272,414.67	297,836.08
Routt	236,424.40	235,264.38	250,505.32	257,338.53
Saguache	153,704.77	165,850.24	167,080.43	182,006.09
San Juan	26,415.61	26,854.35	28,989.62	27,547.90
San Miguel	54,672.98	52,874.30	64,648.98	74,345.92
Sedgwick	163,382.08	184,388.28	199,253.71	203,642.03
Summit	30,984.61	31,414.38	34,009.01	35,443.10
Teller	62,714.32	61,309.14	62,541.12	66,524.32
Washington	263,849.83	277,014.90	289,834.66	302,398.31
Weld	1,737,724.42	1,931,474.09	1,789,443.40	1,960,601.67
Yuma	337,181.60	355,218.13	414,260.16	451,645.17
State*	$23,470,700.33	$24,441,541.64	$25,179,562.55	$26,172,931.63

*Totals used are those of superintendent of public instruction, instead of actual totals.

AVERAGE WEEKLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1932

(From Records of the State Superintendent of Public Instruction)

COUNTY	Senior High Schools		Junior High Schools		Three or More Teacher Schools		Two-Teacher Schools	
	Men	Women	Men	Women	Men	Women	Men	Women
Adams	$1,890.00	$1,300.00	$1,425.00	$1,472.00	$1,454.00	$1,198.00	$1,657.00	$1,087.00
Alamosa	1,867.00	1,430.00	1,680.00	1,431.00	1,555.00	1,101.00	------	1,125.00
Arapahoe	1,829.00	1,426.00	1,552.00	1,389.00	1,061.00	1,143.00	1,200.00	1,073.00
Archuleta	2,500.00	1,378.00	------	------	1,262.00	975.00	1,020.00	1,029.00
Baca	1,356.00	1,191.00	1,125.00	1,012.00	1,147.00	1,007.00	1,100.00	965.00
Bent	1,775.00	1,208.00	------	------	1,237.00	1,041.00	1,125.00	1,050.00
Boulder	1,953.00	1,480.00	1,550.00	1,362.00	1,173.00	1,136.00	1,196.00	980.00
Chaffee	1,900.00	1,425.00	------	1,425.00	------	1,087.00	------	950.00
Cheyenne	1,675.00	1,510.00	------	------	1,087.00	1,028.00	900.00	937.00
Clear Creek	1,725.00	1,350.00	1,450.00	1,350.00	------	1,125.00	------	1,125.00
Conejos	1,620.00	1,230.00	------	------	1,108.00	853.00	836.00	841.00
Costilla	1,520.00	------	1,175.00	1,000.00	736.02	784.75	1,125.00	941.03
Crowley	1,903.00	1,285.00	1,271.00	1,151.00	1,500.00	1,054.00	990.00	990.00
Custer	1,450.00	1,925.00	1,260.00	------	------	810.00	1,350.00	899.00
Delta	1,871.00	1,337.00	1,379.00	1,216.00	1,200.00	1,228.00	------	982.00
Denver	2,449.00	2,699.00	2,284.00	2,555.00	1,650.00	2,243.00	------	------
Dolores	1,362.00	------	------	------	1,362.00	1,080.00	------	------
Douglas	2,062.00	1,370.00	------	------	1,692.00	1,201.00	------	1,166.00
Eagle	1,977.00	1,372.00	2,060.00	1,330.00	------	1,275.00	900.00	1,032.00
Elbert	1,582.00	1,262.00	------	------	1,168.00	1,063.00	------	900.00
El Paso	1,798.00	1,482.00	1,909.00	1,756.00	1,311.00	1,240.00	1,500.00	1,168.00
Fremont	2,118.00	1,396.00	1,783.00	1,331.00	1,496.00	1,127.00	1,299.00	1,099.00
Garfield	1,934.00	1,366.00	------	------	1,471.00	1,150.00	1,200.00	1,147.00
Gilpin	1,625.00	1,400.00	------	------	1,350.00	1,206.00	------	1,179.00
Grand	1,783.00	1,300.00	1,170.00	------	1,200.00	1,040.00	1,215.00	1,046.00
Gunnison	1,857.00	1,750.00	1,666.00	1,858.00	1,660.00	1,461.00	------	------
Hinsdale	1,570.00	------	------	------	------	1,183.00	------	------
Huerfano	1,747.00	1,333.00	2,060.00	1,400.00	1,639.00	1,191.00	1,000.00	955.00
Jackson	2,600.00	1,350.00	------	------	------	1,287.00	1,215.00	995.00
Jefferson	2,111.00	1,386.00	1,550.00	1,306.00	1,115.00	1,079.00	1,575.00	992.00
Kiowa	1,758.00	1,031.00	------	------	1,041.00	1,035.00	1,012.00	737.00
Kit Carson	1,714.00	1,338.00	1,444.00	1,347.00	1,350.00	1,131.00	945.00	870.00
Lake	1,582.00	1,262.00	------	------	1,358.00	1,004.00	------	1,275.00
La Plata	1,744.00	1,319.00	3,000.00	1,398.00	1,500.00	1,059.00	990.00	999.00
Larimer	1,954.00	1,469.00	1,862.00	1,320.00	1,395.00	1,145.00	1,215.00	972.00
Las Animas	1,851.00	1,557.00	1,400.00	1,268.00	1,390.00	1,171.00	1,098.00	997.00
Lincoln	1,633.00	1,279.00	------	------	1,168.00	1,078.00	1,075.00	990.00
Logan	1,930.00	1,413.00	1,560.00	1,251.00	1,118.00	1,045.00	900.00	898.00
Mesa	1,779.00	1,345.00	1,350.00	1,340.00	1,289.00	1,050.00	1,043.00	999.00
Mineral	1,600.00	1,300.00	------	------	------	1,125.00	------	------
Moffat	2,040.00	1,510.00	1,125.00	900.00	900.00	1,042.00	1,057.00	833.00
Montezuma	1,790.00	1,298.00	1,441.00	1,212.00	1,320.00	1,038.00	1,159.00	867.00
Montrose	1,743.00	1,509.00	------	------	1,191.00	1,045.00	1,222.00	940.00
Morgan	2,081.00	1,405.00	------	------	1,393.00	1,098.00	1,140.00	1,110.00
Otero	1,832.00	1,404.00	1,730.00	1,290.00	1,406.00	1,090.00	------	1,049.00
Ouray	1,850.00	1,350.00	------	------	1,350.00	1,068.00	------	1,080.00
Park	1,206.00	1,350.00	------	------	------	------	1,215.00	1,132.00
Phillips	1,725.00	1,355.00	------	------	1,245.00	955.00	810.00	911.00
Pitkin	1,575.00	1,200.00	------	------	1,200.00	950.00	------	------
Prowers	1,721.00	1,365.00	1,600.00	1,311.00	1,530.00	1,190.00	1,125.00	964.00
Pueblo	1,835.00	1,368.00	1,407.00	1,282.00	1,380.00	1,081.00	1,205.00	1,007.00
Rio Blanco	1,760.00	1,533.00	------	------	------	1,416.00	------	------
Rio Grande	2,049.00	1,499.00	2,050.00	1,420.00	1,140.00	1,254.00	------	927.00
Routt	1,728.00	1,269.00	2,250.00	1,298.00	2,096.00	1,189.00	------	1,043.00
Saguache	1,998.00	1,382.00	2,150.00	1,400.00	720.00	993.00	1,283.00	1,100.00
San Juan	1,470.00	1,410.00	------	------	1,390.00	1,305.00	1,560.00	1,260.00
San Miguel	2,025.00	1,325.00	------	------	------	------	1,150.00	1,150.00
Sedgwick	2,225.00	1,450.00	------	------	1,128.00	1,069.00	------	900.00
Summit	2,250.00	1,230.00	------	------	2,250.00	1,163.00	------	840.00
Teller	1,700.00	1,400.00	1,400.00	1,350.00	------	1,087.00	------	947.00
Washington	1,687.00	1,250.00	------	------	1,386.00	1,061.00	885.00	850.00
Weld	1,692.00	1,358.00	1,809.00	1,312.00	1,314.00	1,117.00	1,052.00	1,153.00
Yuma	1,621.00	1,424.00	------	------	1,263.00	1,186.00	960.00	878.00
Average	$1,818.00	$1,398.00	$1,645.00	$1,365.00	$1,320.00	$1,286.00	$1,132.00	$1,006.00

Note—Space does not permit publication of average salaries for one-teacher schools. However, the state average is $865.00 for men and $847.00 for women; kindergarten state average for women, $1,300.00.

State Institutions

THE state of Colorado maintains 18 penal, eleemosynary and educational institutions. The penal and reform institutions, and their locations, are as follows:

Penitentiary.....Canon City
Industrial school for boys.....Golden
Industrial school for girls.....Morrison
Reformatory.....Buena Vista

The eleemosynary institutions, and their locations, are as follows:

Home for dependent and neglected children .....Denver
Insane hospital.....Pueblo
Home and training school for mental defectives.....Grand Junction
Home and training school for mental defectives .....Ridge
Soldiers and sailors home...Monte Vista
Industrial workshop for the blind.Denver

The educational institutions, and their locations, are as follows:

Agricultural college.....Fort Collins
School of mines.....Golden
Teachers college.....Greeley
University of Colorado.....Boulder
Western state college.....Gunnison
Adams normal school.....Alamosa
Deaf and blind school..Colorado Springs
Fort Lewis school.....Hesperus

The governing boards of all state institutions are appointed by the governor, with the exceptions of the state university at Boulder, which is under the supervision of a board of regents elected by the voters of the state.

The disbursements of state institutions for salaries, maintenance, equipment, lands, buildings, etc., for the year ending June 30, 1931, amounted to $7,506,065, a decrease of $232,125 from the total for 1930. The educational institutions disbursed $5,387,226, or 71.8 per cent of the total; the eleemosynary institutions $1,145,203, or 15.3 per cent; and the penal and reform institutions $969,636, or 12.9 per cent. An accompanying table shows these disbursements by items and institutions and another gives the total disbursements by institutions by years.

Beginning with 1929 the fiscal year was changed by the legislature to end with June 30, instead of November 30. Inasmuch as the figures for 1929 cover only a part of a year and are not comparable with other years, they are omitted from the tables published herewith. In the period from December 1, 1928, to June 30, 1929, the auditor reports expenditures of $3,221,350 for state institutions, of which $2,018,789 was for educational institutions and $1,202,561 for penal and eleemosynary institutions.

The inventory value on June 30, 1932, of land, buildings and equipment of the above named institutions, as reported by the public examiner, was $24,970,203. This compares with $23,889,910 in 1930; $22,750,651 in 1928, $23,558,543 in 1926 and $17,973,107 in 1924. A table giving details of valuations of state institutions is published in a succeeding table under the heading "Inventory Value of State Property." Additional information on the state educational institutions will be found in the chapter elsewhere in this volume under "Educational," and of individual institutions by name under sub-headings.

The total population of state institutions, exclusive of universities and colleges, has shown a steady increase in recent years. Population by years and institutions is shown in a separate table.

STATE PENITENTIARY

The Colorado state penitentiary is located at Canon City, in Fremont county. It is operated under the supervision of the state board of corrections and is in charge of a warden. The inventory value of the institution on June 30, 1932, as reported by the public examiner, was as follows:

Lands	$ 75,000
Buildings and improvements	1,500,000
Machinery	45,000
Tools and equipment	60,000
Furniture and fixtures	5,000
Libraries, etc.	500
Autos, etc.	8,000
General supplies	15,000
Livestock	17,500
Rights in land	4,000
Cash	20,296
Total	$1,750,296

The population of the penitentiary on November 30, of the years named, was as follows:

Year	Male	Female	Total
1924	845	37	882
1925	917	35	952
1926	927	31	958
1927	1,024	41	1,065
1928	1,005	31	1,036
1929	1,037	24	1,961
1930	1,108	16	1,124
1931	1,126	16	1,142
1932	1,129	20	1,149
1933	1,060	16	1,076

The number of prisoners received at the penitentiary during the fiscal years

ending November 30, for the years named, was as follows:

Year	Male	Female	Total
1926	508	28	536
1927	558	38	596
1928	497	38	535
1929	532	18	550
1930	515	19	534
1931	737	16	753
1932	586	14	600
1933	590	8	598

Disbursements on account of the penitentiary for the year ended June 30, 1932, in detail, and totals by years, are given in separate tables under the heading "Disbursements of State Institutions."

In connection with the penitentiary there are operated several ranches and gardens in which convicts are employed and which supply food products for the prisoners. A dairy herd owned by the state furnishes milk and butter, and a fruit and vegetable canning plant is operated each season by the inmates. The method employed for executing prisoners sentenced to death is by gas. A record of legal executions in the state by years is reported under a separate heading.

The total cost of operating the institution for the two-year period ending November 30, 1932, was $825,384. Of this amount $38,762 represents the value of food products raised and consumed, leaving a net cost of $864,145. This was equal to an annual maintenance cost of $432,073 and a per capita maintenance cost of $377.36 per year.

Of 1,302 prisoners received in the two-year period ending November 30, 1932, 1,148 were native born and 154 were foreign born. Forty-six states were represented among the native born. The states with the largest representation of prisoners received in biennial periods ending June 30 of the years named are as follows:

	1932	1930
Colorado	248	187
Missouri	115	83
Kansas	102	61
New Mexico	65	65
Illinois	62	60
Oklahoma	60	35
Texas	49	37
Nebraska	40	40
Iowa	40	46
New York	30	29
All others	337	262
Total	1,148	905

Twenty-three foreign countries were listed as the birthplaces of the 154 foreign-born prisoners received. Mexico ranked first for recent years, with 69 in the biennial period ending November 30, 1932, and 41 in the preceding period.

Of 1,302 prisoners received during the period 281 were farmers, 240 were laborers, 53 were cooks, 47 were truck drivers, 46 were auto mechanics, 46 were miners, 37 were salesmen and the remainder were scattered among 154 trades and professions. Burglary in various forms ranked first among the crimes, the number committed for this offense being 271. Larceny of various classes accounted for 139; murder and manslaughter of various degrees and types, 57; violation of liquor laws, possession of stills, etc., 147; rape, 34; kidnapping, 8. Of the 1,302 prisoners received 387 were 25 years of age and under and 117 were 50 years old or over. The average minimum sentence of prisoners received was 2 years, 9 months and 24 days and the average maximum sentence was 5 years, 4 months and 14 days. Ten received definite sentences, 20 were life sentences, six were death sentences and 1,266 were indeterminate.

POPULATION OF STATE INSTITUTIONS

(November 30 of Years Named)

INSTITUTION	1933	1932	1931	1930	1929	1928	1927	1919	1914
Industrial school for boys	197	246	266	237	247	274	289	337	293
Industrial school for girls	141	147	141	130	135	125	141	136	122
Reformatory	153	207	230	215	155	159	189	157	137
Home and training schools:									
Grand Junction	278	273	270	263	260	252	254	---	---
Ridge	199	199	187	148	108	89	74	73	80
Soldiers' and Sailors' Home	162	177	118	230	185	160	160	153	188
Insane hospital	3,293	3,184	3,025	2,944	2,898	2,843	2,750	1,926	1,176
Penitentiary	1,076	1,149	1,142	1,124	1,061	1,036	1,065	571	352
Workshop for blind	28	27	36	27	27	16	16	18	18
Home for dependent and neglected children	382	394	314	309	198	192	158	192	236
Totals	5,909	6,003	5,729	5,627	5,274	5,146	5,096	3,563	2,602

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

INSTITUTION	1931	1930	1928	1927	1926	1925
Educational:						
Agricultural college	$1,455,709	$1,431,295	$1,312,323	$1,382,488	$1,258,758	$1,161,255
Fort Lewis school	97,361	101,130	120,502	84,596	133,230	119,187
Adams State Normal	132,268	160,717	†88,650	24,015	8,219	21,616
School of Mines	357,144	362,196	363,773	298,938	296,018	273,950
Teachers college	728,820	645,618	645,789	738,917	722,698	587,813
University of Colorado	2,213,464	2,226,005	2,082,894	1,983,946	1,803,371	2,221,773
Western State college	216,223	266,276	190,170	228,648	262,624	244,841
Deaf and Blind school	186,237	213,773	250,439	182,122	277,143	173,435
Total	$5,387,226	$5,407,010	$5,054,540	$4,923,670	$4,762,061	$4,803,870
Eleemosynary:						
Dependent and Neglected Children	$ 112,341	$ 93,944	$ 80,039	$ 99,444	$ 83,302	$ 91,353
Insane Hospital	735,269	821,893	608,153	639,158	544,263	552,111
Mental Defectives (Ridge)	47,158	63,730	35,324	40,603	83,477	33,135
Mental Defectives (Grand Junction)	95,751	128,145	98,399	100,586	77,377	85,303
Soldiers' and Sailors' Home	106,456	115,342	98,631	116,195	117,400	132,576
Workshop for Blind	48,228	53,028	43,183	27,416	29,386	32,298
Detention Home	--------	--------	--------	--------	750	10,694
Total	$1,145,203	$1,276,082	$ 963,729	$1,023,402	$ 935,955	$ 937,470
Penal and Reform:						
Penitentiary	$ 657,429	$ 690,738	$ 478,753	$ 413,311	$ 406,931	$ 405,304
Industrial School, boys	163,156	167,072	166,654	163,229	182,451	147,985
Industrial School, girls	59,072	70,403	62,380	54,844	62,796	55,600
Reformatory	89,979	126,885	130,703	130,938	109,208	116,781
Total	$ 969,636	$1,055,098	$ 838,490	$ 762,322	$ 761,386	$ 725,670
Recapitulation:						
Educational	$5,387,226	$5,407,010	$5,054,540	$4,923,670	$4,762,061	$4,803,870
Eleemosynary	1,145,203	1,276,082	963,729	1,023,402	935,955	937,470
Penal and reform	969,636	1,055,098	838,490	762,322	761,386	725,670
Grand total	$7,502,065	$7,738,190	$6,856,759	$6,709,394	$6,459,402	$6,467,010

†Includes deficiency for previous years.

Note—Figures for 1925 to 1928, inclusive, are for fiscal years ending November 30. Beginning with 1930 they are for fiscal years ending June 30. Table for 1929 is omitted, as the figures are for seven months only and not comparable.

HOSPITAL FOR INSANE

The value of the state hospital for the insane at Pueblo on June 30, 1932, as reported by the public examiner, was as follows:

Lands	$ 208,000
Buildings and improvements	1,687,750
Machinery	125,000
Tools and equipment	52,000
Furniture and fixtures	195,000
Libraries, etc.	600
Autos, etc.	4,000
General supplies	15,121
Livestock	13,182
Rights in lands	19,725
Cash	3,000
Total	$2,323,378

The population of the hospital on November 30, of the years named, was as follows:

Year	Male	Female	Total
1914	704	472	1,176
1924	1,366	1,059	2,425
1925	1,348	1,113	2,461
1926	1,441	1,176	2,617
1927	1,525	1,225	2,750
1928	1,572	1,271	2,843
1929	1,586	1,312	2,898
1930	1,596	1,348	2,944
1931	1,636	1,389	3,025
1932	1,727	1,457	3,184
1933	1,795	1,498	3,293

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

Year	Male	Female	Total
1925	223	159	382
1926	259	165	424
1927	288	187	475
1928	278	181	459
1929	266	201	467
1930	291	180	471
1931	294	189	483
1932	310	218	528
1933	293	194	487

Disbursements on account of the hospital in 1932, in detail, and totals by years, are given in separate tables under the headings "Disbursements of State Institutions."

Of the 1,011 patients received in the hospital in the two years ending November 30, 1932, 275 were housewives, 155 were laborers, 115 were farmers, 45 had no occupation, 36 were domestics and 385 were scattered among 108 other occupations.

DISBURSEMENTS OF STATE INSTITUTIONS FOR FISCAL YEAR ENDING JUNE 30, 1931

(From Report of the Public Examiner)

INSTITUTION	Salaries		Maintenance		Equipment		Lands, Buildings		Miscellaneous		Total
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	
Educational:											
Agricultural college	$ 937,981.31	64.4	$ 361,028.60	24.8	$ 13,064.28	0.9	$ 32,727.45	2.3	$ 110,907.36	7.6	$1,455,709.00
Fort Lewis school	49,758.73	51.1	37,094.02	38.1	250.00	0.3	10,258.00	10.5	--------	---	97,360.75
Adams State Normal	61,037.50	46.1	15,617.23	11.8	6,774.99	5.1	48,763.54	36.9	75.00	0.1	132,268.26
School of Mines	225,028.31	63.0	89,890.25	25.2	11,044.63	3.1	4,300.00	1.2	26,881.04	7.5	357,144.23
Teachers college	416,661.06	57.2	115,770.62	15.9	12,257.33	1.7	85,992.53	11.8	98,138.86	13.4	728,820.40
University of Colorado	1,334,832.38	60.3	607,574.11	27.5	19,034.77	0.9	93,963.81	4.2	158,058.72	7.1	2,213,463.79
Western State college	136,556.48	63.2	32,509.63	15.0	14,233.86	6.6	2,014.95	0.9	30,908.33	14.3	216,223.25
Deaf and Blind school	125,449.97	67.4	56,680.26	30.4	1,708.98	0.9	--------	---	2,398.16	1.3	186,237.37
Total	$3,287,305.74		$1,316,164.72		$ 78,368.84		$ 278,020.28		$ 427,367.47		$5,387,227.05
Penal and Reform:											
Penitentiary	$ 168,379.26	25.6	$ 314,049.02	47.8	$ 3,000.00	0.4	$ 116,395.49	17.7	$ 55,605.18	8.5	$ 657,428.95
Reformatory	39,414.04	43.8	46,162.12	51.3	--------	---	--------	---	4,403.31	4.9	89,979.47
Boys' Industrial school	63,445.19	38.9	74,120.94	45.4	10,989.01	6.7	12,209.00	7.5	2,391.47	1.5	163,155.61
Girls' Industrial school	25,412.40	43.0	30,884.40	52.3	793.37	1.3	1,099.37	1.9	882.51	1.5	59,072.05
Total	$ 296,650.89		$ 465,216.48		$ 14,782.38		$ 129,703.86		$ 63,282.47		$ 969,636.08
Eleemosynary:											
Dependent and neglected children	$ 33,141.27	29.5	$ 69,333.62	61.7	--------	---	$ 9,662.10	8.6	$ 203.94	0.2	$ 112,340.93
Insane hospital	248,529.15	33.8	418,810.08	57.0	14,870.84	2.0	47,220.29	6.4	5,838.37	0.8	735,268.73
Mental defectives, Ridge	21,565.74	45.7	24,472.30	51.9	265.35	0.6	837.44	1.8	17.30	---	47,158.13
Mental defectives, Grand Junction	28,208.50	29.5	61,572.98	64.3	600.00	0.6	5,370.00	5.6	--------	---	95,751.48
Soldiers' and Sailors' home	31,494.28	29.6	49,281.54	46.3	6,040.12	5.7	19,640.39	18.4	-- ------	---	106,456.33
Workshop for blind	20,096.70	41.7	28,131.10	58.3	--------	---	--------	---	--------	---	48,227.80
Total	$ 383,035.64		$ 615,601.62		$ 21,776.31		$ 82,730.22		$ 6,059.61		$1,145,203.40
Recapitulation:											
Educational	$3,287,305.74		$1,316,164.72		$ 78,368.84		$ 278,020.28		$ 427,367.47		$5,387,227.05
Penal and reform	296,650.89		465,216.48		14,782.38		129,703.86		63,282.47		969,636.08
Eleemosynary	383,035.64		651,601.62		21,776.31		82,730.22		6,059.61		1,145,203.40
Grand total	$3,966,992.27		$2,432,982.82		$ 114,927.53		$ 490,454.36		$ 496,709.55		$7,502,066.53

INVENTORY OF STATE PROPERTY, JUNE 30, 1932

(From Report of State Auditor)

INSTITUTION	Lands	Buildings and Improvements	Machinery, Equipment and Supplies	Furniture and Fixtures	Libraries and Collections	Autos, Trucks and Tractors	Live Stock	Water, Coal and Mineral Rights	Cash on Hand	Total
Adams State Normal	$ 18,614	$ 213,920	$ 6,800	$ 15,000	$ 8,034	$ 900	--------	--------	$ 2,333	$ 265,601
Fort Lewis school	102,400	300,000	51,500	25,000	3,000	3,000	$ 15,300	--------	--------	500,200
Agricultural college	350,000	3,000,000	585,000	90,000	176,000	10,500	42,000	$ 45,000	48,706	4,147,206
Deaf and blind school	45,800	900,000	62,000	65,000	1,500	3,000	5,000	--------	2,940	1,085,240
School of Mines	144,540	474,652	369,023	114,036	66,885	1,000	--------	--------	10,383	1,180,519
University of Colorado	482,914	5,348,981	705,427	290,039	673,419	24,000	--------	--------	299,198	7,823,978
Teachers college	210,000	1,402,433	26,500	348,848	40,000	1,800	--------	--------	1,000	2,030,581
Western State college	11,959	536,148	38,610	54,626	36,779	650	--------	--------	10,419	689,191
Penitentiary	75,000	1,500,000	120,000	5,000	500	8,000	17,500	4,000	20,296	1,750,296
Reformatory	42,275	345,760	24,587	14,076	2,000	6,875	23,314	11,500	1,233	471,620
Industrial school, boys	63,175	503,504	85,728	11,398	2,562	6,733	14,000	9,000	185	696,285
Industrial school, girls	10,050	250,970	28,825	16,975	500	700	500	4,950	3,909	317,379
Dependent and neglected children	37,500	196,514	33,502	15,345	500	1,940	2,480	--------	1,000	288,781
Hospital for the insane	208,000	1,687,750	192,121	195,000	600	4,000	13,182	19,725	3,000	2,323,378
Mental defectives, Grand Junction	18,000	394,000	28,240	62,000	200	1,200	3,200	1,680	1,000	509,520
Mental defectives, Ridge	62,000	246,437	18,559	15,000	430	100	3,263	7,700	--------	353,489
Soldiers' and Sailors' home	37,000	357,500	76,000	24,800	270	1,200	10,400	1,620	1,000	509,790
Workshop for the blind	--------	9,690	16,752	110	--------	100	--------	--------	497	27,149
Capitol managers	1,150,560	7,226,400	120,975	352,179	--------	--------	--------	--------	--------	8,850,114
Game and fish department	175,000	892,000	22,500	2,000	--------	13,160	1,096,000	--------	--------	2,200,660
Highway commission	5,000	55,242,297	11,000	19,900	--------	530,038	300	--------	18,083	55,826,618
Land board	42,382,305	--------	3,964	1,980	381	750	--------	100,000,000	254	142,389,634
Military department	163,086	498,000	8,409	2,125	150	725	--------	--------	23	672,518
State fair	22,500	250,000	2,276	427	--------	--------	--------	--------	359	275,562
Miscellaneous departments	--------	--------	50,728	68,394	566,500	10,260	--------	--------	11,815,574	12,511,456
Totals	$45,817,678	$81,776,956	$ 2,489,026	$ 1,809,258	$ 1,580,210	$ 630,631	$ 1,246,439	$100,105,175	$12,241,392	$247,696,765

INVENTORY VALUE OF STATE PROPERTY

(From Reports of State Examiner)

Note.—Another table shows inventory as of June 30, 1932, classified as to institutions and departments.

Classification	June 30, 1932	June 30, 1930	Nov. 30, 1928	Nov. 30, 1926
Lands	$ 45,817,678	$ 50,338,029	$ 45,988,877	$ 45,015,148
Buildings and improvements	81,776,956	62,801,535	57,840,578	55,086,235
Machinery	1,276,187	610,414	651,445	605,796
Tools and equipment	717,216	1,216,291	1,860,859	1,043,260
Furniture and office equipment	1,809,258	1,819,111	1,617,706	1,361,230
Libraries and collections	1,580,210	1,270,087	1,364,061	1,261,301
Automobiles, trucks, etc.	630,631	686,756	186,286	173,021
General supplies	495,623	307,119	292,569	367,729
Livestock	1,246,439	246,771	239,042	204,713
Land, water and mineral rights	100,105,175	100,067,275	100,045,748	103,246,680
Cash in funds, institutions and departments	12,241,392	10,712,715	7,192,439	4,551,094
Totals	$247,696,765	$230,076,103	$217,279,610	$212,916,207

COLORADO SCHOOL OF MINES

Colorado's state school of mines, located at Golden, ranks as one of the foremost institutions of its character in the entire country. Its numerous courses deal with all branches of the mineral industry, including practical mining, assaying, identifying the various minerals, mine engineering, etc., as well as all branches of the petroleum industry and all other subjects dealing with the metallic and non-metallic minerals which abound in Colorado. The school was established in 1874 and has a present enrollment of about 601 students. Students were registered in 1931-1932 from 43 states, District of Columbia, Alaska, Hawaii, the Canal Zone and 16 foreign countries.

RESIDENCE AND MIGRATION OF COLLEGE STUDENTS

A survey was made by the office of education of the United States department of the interior covering the school year of 1930-1931 to gather data on the residence and migration of college students. The inquiry asked for residence data concerning the students enrolled as regular practically full-time students of college or university grade, including teacher-training institutions and junior colleges, but excluding correspondence and extension students, part-time students, and summer-session students. The enrollment of the 1,210 institutions reporting in this survey was 1,006,206.

The 1,210 institutions reported the enrollment of 12,054 students whose homes are in Colorado. That is at the rate of one student to 86 state population. Only nine other states show a greater proportion of population enrolled in the colleges and universities of the country. North Dakota and Kansas have the highest rate, or one student to 68 population. The rate for the United States is one student to 123 population. The lowest rate reported is one student to 291 population for Florida.

Of the 12,054 students whose homes are in Colorado, enrolled in the colleges and universities of the United States, 10,006 are attending institutions in their home state and 2,048 are enrolled in institutions in other states. The percentages are 83 per cent enrolled in the home state and 17 per cent in other states. This compares with 80.3 and 19.7 per cent for the United States. California reports 92.5 per cent of its students enrolled in institutions in the home state and Delaware 27.4 per cent, these being the extremes for all states.

Colorado institutions reporting to the office of education in this survey have 11,815 students enrolled, of whom 10,006 have their homes in the state, 1,667 are residents of other states, 76 are from outlying parts of the United States and 66 are from foreign countries. Colorado reports only 14.11 per cent of its students from other states as against 19.47 per cent for all states.

Every state in the Union with the exception of four are represented in the enrollment in Colorado. The homes of the 11,815 students are as follows:

Alabama	14	New Hampshire	2
Arizona	32	New Jersey.	21
Arkansas ...	16	New Mexico.	92
California ..	139	New York...	50
Colorado 10,006		No. Carolina	..
Connecticut..	10	No. Dakota..	12
Delaware ...	..	Ohio	29
District of Columbia..	10	Oklahoma ..	31
Florida	8	Oregon	6
Georgia	4	Pennsylvania	39
Idaho	29	Rhode Island	2
Illinois	137	So. Carolina.	..
Indiana	28	So. Dakota..	31
Iowa	64	Tennessee ..	3
Kansas	130	Texas	108
Kentucky ...	3	Utah	49
Louisiana ...	9	Vermont ...	3
Maine	..	Virginia	5
Maryland ...	7	Washington..	12
Massachusetts	22	West Va....	6
Michigan ...	26	Wisconsin ..	12
Minnesota ..	20	Wyoming ..	158
Mississippi..	7		
Missouri	87	Total U. S..	11,673
Montana ...	22	Outside parts ...	76
Nebraska ..	168	Foreign ..	66
Nevada	4		
		Grand total..	11,815

The number of students attending each type of publicly controlled institution in Colorado and the percentage whose homes are in the state are as follows:

	Number	Per Ct.
State University	3,449	80.4
Separate land grant colleges	1,362	93.6
Other public colleges and universities	539	54.6
Teachers colleges and normal schools	2,329	92.2

RHODES SCHOLARSHIPS

Thirty-two scholarships to Oxford university, in England, are assigned to the United States annually by the trustees of the Cecil Rhodes scholarship fund. There is a competition in December every year in each state for these scholarships. For the purpose of election the country is divided into eight districts of six states each. A committee of selection for each state is allowed to nominate from the candidates applying to it the two best men to appear before the district committee. Each district committee selects from the candidates so nominated the four best men to represent their states as Rhodes scholars at Oxford.

The district to which Colorado belongs also includes Arizona, New Mexico, Utah, California and Nevada. The selection committee for Colorado comprises five persons with Henry McAllister of Denver as chairman. Application blanks and further information may be obtained from Prof. W. F. Dyde, University of Colorado, at Boulder.

The scholarships, which have the value of £400 a year, may be tenable for three years. To be eligible a candidate must be a male citizen of the United States, over 19 and not over 25 years of age, and above sophomore standing in some recognized degree-granting university or college in the United States. There is no written examination. Elections are made on the basis of qualities of manhood, force of character and leadership; literary and scholastic ability and attainments; and physical vigor as shown by interest in outdoor sports or in other ways.

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 $176,000,000 was expended for this purpose by all agencies in the state from 1910 to 1933, inclusive, covering the building of new roads, maintenance and administrative expenses. This is exclusive of street construction in cities and towns and in the Denver mountain parks system.

The state at the beginning of 1934 had 73,730 miles of state and county roads, according to surveys made by the United States bureau of public roads and the state highway department. Of this total 64,309 miles are classified as county roads and 9,421 miles as state highways.

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

	Miles
Earth roads:	
Unimproved	36,440.4
Improved	19,947.1
Total, non-surfaced	56,387.5
Surfaced roads:	
Sand-clay	2,107.1
Gravel, chert, etc.	5,795.3
Macadam and concrete	19.5
Total, surfaced	7,921.9
Total, county	64,309.4

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

	Miles
Projected	221.7
Graded	4,107.6
Surfaced	3,904.1
Oiled	693.8
Paved	493.4
Total	*9,420.6

*Includes 3,547.6 miles designated as federal aid projects.

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

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

Highway construction and maintenance in the state are carried on through several agencies. The principal agency is the state highway department, which consists of the governor, the state highway engineer, highway advisory board, and such assistants, clerks and employes as are necessary to comply with the state highway act.

The advisory board consists of one member from each of seven districts into which the state is divided, whose term is for three years and whose successor is appointed by the governor. The administrative head of the state highway department is the state highway engineer. The senior assistant engineer has complete charge of the office and routine problems connected therewith. The assistant engineer has charge of all engineering covering location, design and construction. The maintenance engineer has direct control of all maintenance work, as well as mechanical equipment. The auditor has charge of all accounting. A division engineer, in charge of location and construction, and a maintenance superintendent are assigned to each of the seven divisions.

The personnel of the state highway department is as follows:

STATE HIGHWAY ENGINEER

Charles D. Vail

ADVISORY BOARD

Dist.		
1	Peter Seerie, Chairman	Denver
2	P. C. Moshisky	Montrose
3	I. F. Beauchamp	Trinidad
4	W. T. Mathis	Pueblo
5	Jefferson H. Davis	Colorado Springs
6	L. C. Moore	Fort Collins
7	Frank H. Blair	Sterling

GENERAL OFFICE

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

DIVISION ENGINEERS

Div.		
1	E. E. Montgomery	Denver
2	J. J. Vandermoer	Grand Junction
3	J. R. Cheney	Durango
4	James D. Bell	Pueblo
5	Ernest Montgomery	Colorado Springs
6	H. L. Jenness	Glenwood Springs
7	A. B. Collins	Greeley

Owing to geographical conditions and mountain barriers, the highway advisory board districts do not correspond with the engineering and maintenance divisions. There are seven districts which have representation on the advisory board, seven districts having division engineers and nine districts having assistant superintendents of maintenance.

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

Div.	Asst. Supt.	Headquarters
1	W. T. Murnan	Denver
2	J. P. Shea	Grand Junction
3	J. P. Solan	Durango
4	D. N. Stewart	Pueblo
5	Robt. E. Norvell	Hugo
6	Frank M. Drescher	Craig
7	John Stamm	Denver
8	Axel Swanson	Buena Vista
9	C. M. Terrel	Alamosa

The United States bureau of public roads co-operates with the state highway department and maintains a district office in Denver. The federal government joins with the state in the cost of construction of numerous projects and furnishes a large part of the funds used for that purpose. In 1933 the government provided 52.8 per cent of the total revenues of the state highway department, while 68.2 per cent of the total expenditures of the department was on federal aid projects. In 1932 the government provided 34.1 per cent of the total revenues and 54.9 per cent of the total expenditures of the department on federal aid projects. In 1931 the government provided 51.6 per cent of the total revenues, while 71.9 per cent of the total expenditures 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 1933 a total of $852,306. These expendi-

tures in 1932 amounted to $1,064,383. 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.

The boards of county commissioners of the several counties have absolute jurisdiction over the construction and maintenance of county roads. The funds for this work come out of county revenues. The state highway department does all of the maintenance work on all of the federal aid highways and the counties maintain the remainder of the state highways which are not part of the federal aid system. There are 16 counties which have little or no federal aid road. These counties maintain the state highways and the state pays one-half of the cost.

The total cost of highway construction in Colorado in 1932, exclusive of streets in cities and towns and highways in the Denver mountain park system, as reported by all agencies, was $11,466,243. County disbursements, as shown by a table published herewith, amounted to $4,530,101. This item includes, however, $435,439 which was transferred from the state highway fund to county road funds. This item appears in accompanying tables of disbursement, since it was handled by both agencies. After eliminating the duplication, the expenditures in 1932 were as follows:

By counties	$ 4,094,662.09
By state highway department	6,307,197.62
By forest service	1,064,383.00
Total	$11,466,242.71

The total cost in 1933, exclusive of streets in cities and towns and highways in the Denver mountain parks system, was $11,713,151.74. County disbursements, as shown by an accompanying table, amounted to $3,449,-361.84, inclusive of $353,569.51 transferred from state highway department funds. After eliminating the duplication, expenditures by all agencies in 1933 were as follows:

Counties	$ 3,095,569.51
State highway department.	7,765,276.23
Forest service	852,306.00
Total	$11,713,151.74

The total expenditures by these agencies, by years, before eliminating the duplications, are as follows:

1925	$11,538,804
1926	10,248,179
1927	(not compiled)
1928	12,502,418
1929	11,607,043
1930	13,465,628
1931	16,676,089
1932	11,901,683
1933	12,066,944

The figures of the state highway department for 1929 used in this chapter cover 13 months, the fiscal year being changed to the calendar year in order to put the department on the same basis as other states for comparative purposes.

The status of state highway funds for 1932 was as follows:

Balance, January 1	$ 62,840.57
Receipts	6,159,450.90
Total	$6,222,291.47
Disbursements	6,307,197.62
Balance, December 31	$ —84,906.15

The status of funds for 1933 is as follows:

Deficit, January 1	$ 84,906.15
Receipts	8,069,218.74
Total	$7,984,312.59
Disbursements	7,765,276.23
Balance, December 31	$ 219,036.36

COLORADO STATE HIGHWAY DEPARTMENT.
HOW THE HIGHWAY DOLLAR WAS EXPENDED
FOR THE YEAR 1933.

SUMMARY.

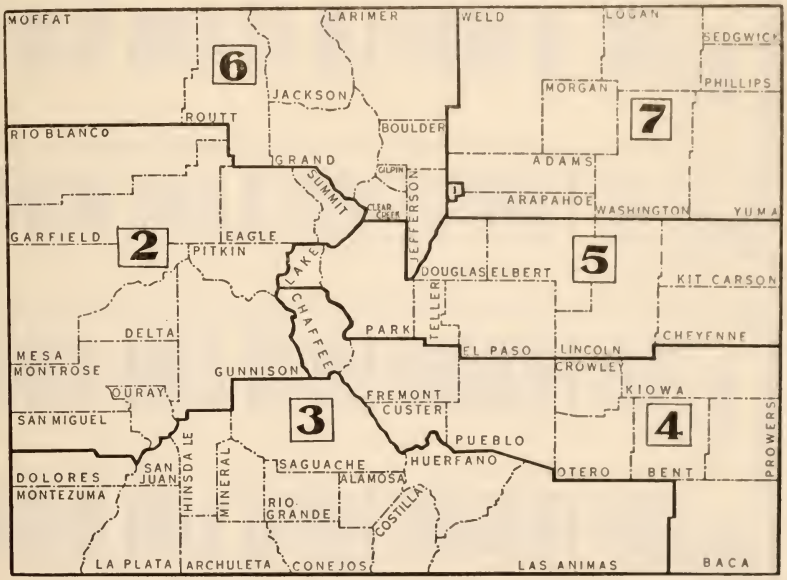
Administration		2.62 %
Maintenance		17.18 %
Construction		
Federal Aid Projects	69.26 %	
State Projects	10.94 %	
Total Construction		80.20 %
Total		100.00 %

A consolidated condensed statement of finances for all counties for 1933 is as follows:

Balance, January 1	$ 388,321.77
Receipts	3,511,869.46
Total	$3,900,191.23
Disbursements	3,499,306.92
Balance, December 31	$ 400,884.31

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.

CHART SHOWING BOUNDARIES OF THE HIGHWAY DISTRICTS HAVING REPRESENTATION ON THE ADVISORY BOARD



SOURCES OF HIGHWAY DEPARTMENT FUNDS, BY YEARS

SOURCE	1933	1932	1931	1930	1929[1]	1928
Taxes:						
Half-mill levy	———	———	———	———	$ 432,872	$ 787,946
Gasoline tax	$3,663,800	$3,790,617	$4,219,681	$4,171,887	3,908,623	2,665,355
U. S. Government:						
Federal aid	4,259,993	2,102,812	4,793,420	2,298,636	1,879,435	1,730,450
Internal improvement	25,000	20,300	45,500	75,000	64,300	69,200
Highway receipts	64,372	164,679	179,444	([2])	([2])	([2])
Bus tax	40,700	39,196	43,945	70,999	35,534	———
Private carrier tax	15,354	24,765	———	———	———	———
Miscellaneous	———	17,082	3,231	58,376	38,767	62,276
Total	$8,069,219	$6,159,451	$9,285,221	$6,674,898	$6,359,531	$5,315,227

[1]Figures for 1929 cover 13 months in order to make the fiscal year correspond with the calendar year.
[2]Included under "Miscellaneous."

DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY YEARS

PURPOSE	1933	1932	1931	1930	1929[1]	1928
Federal aid projects	$5,298,909	$3,467,475	$ 7,213,340	$4,343,773	$3,218,109	$3,650,829
State projects	773,502	828,724	917,454	701,518	547,925	665,702
Maintenance	1,230,987	1,383,820	1,364,421	1,558,698	1,195,481	917,287
Federal aid renewals	———	———	———	———	140,034	———
Maintenance equipment and repairs	71,007	242,675	292,270	236,220	360,185	486,951
Property and equipment	27,282	8,208	47,707	30,388	74,930	28,935
Surveys	29,090	52,160	46,268	7,914	26,157	31,119
Road signs and traffic census	64,331	99,360	21,311	23,042	21,771	6,755
Administration	203,309	200,128	196,139	172,947	174,024	115,394
Compensation insurance	27,298	21,470	27,166	24,771	10,618	13,030
Miscellaneous	2,500	3,177	2,067	———	———	———
Civil works relief	8,873	———	———	———	———	———
Drouth relief	28,188	———	———	———	———	———
Total	$7,765,276	$6,307,197	$10,128,143	$7,099,271	$5,769,234	$5,916,002

[1]Figures for 1929 cover thirteen months in order to make the fiscal year the same as the calendar year.

COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1933

(Supplied by the United States Bureau of Public Roads)

COUNTY	Balance on Hand	General County Road Taxes	Motor Vehicle Fees	Gasoline Taxes	Funds from State	Miscellaneous	Totals
Adams	$ 28,937.33	$ 25,224.05	$ 22,520.08	$ 25,144.87	--------	$ 10,263.62	$ 112,089.95
Alamosa	8,377.67	--------	7,177.99	17,973.37	$ 9,262.75	1,723.16	44,514.94
Arapahoe	9,171.37	16,592.16	19,040.41	17,679.51	2,353.90	811.86	65,649.21
Archuleta	4,212.73	3,407.65	901.20	13,895.13	--------	347.57	22,764.28
Baca	6,716.95	7,535.19	6,760.69	36,509.53	1,095.69	--------	58,618.05
Bent	3,181.58	14,029.09	7,950.46	11,005.16	--------	22,645.59	58,811.88
Boulder	—9,279.40	46,227.38	26,789.23	21,681.03	16,389.44	2,708.44	104,516.12
Chaffee	—810.18	3,516.39	4,582.85	14,322.99	666.28	134.55	22,412.88
Cheyenne	7,437.51	--------	2,711.02	19,623.04	4,091.95	1,809.87	35,673.39
Clear Creek	2,625.05	6,222.59	1,851.41	17,307.92	9,834.03	549.71	38,390.71
Conejos	—6,826.71	2,578.18	3,429.15	20,068.77	417.04	13,775.49	33,441.92
Costilla	—7,000.00	2,844.32	2,034.04	20,277.92	--------	400.32	18,556.60
Crowley	--------	3,000.00	3,400.00	4,113.29	--------	--------	10,513.29
Custer	—8,312.65	2,028.48	2,076.43	14,936.37	15,267.10	530.83	26,526.56
Delta	8,469.59	44,708.27	9,518.46	18,409.16	--------	4,566.79	85,672.27
Denver	--------	--------	--------	--------	--------	--------	--------
Dolores	1,431.96	2,557.39	924.10	11,283.16	7,154.86	840.88	24,192.35
Douglas	—15,288.19	14,351.29	6,126.08	26,280.83	--------	1,172.88	32,642.89
Eagle	16,812.35	11,653.63	4,767.85	22,308.90	6,774.18	1,582.02	63,898.93
Elbert	--------	4,530.98	3,918.99	19,820.75	--------	--------	28,270.72
El Paso	582.86	42,087.99	40,351.08	37,865.72	7,857.69	2,696.39	131,441.73
Fremont	2,363.29	15,855.49	13,238.61	17,383.61	12,464.66	2,869.87	64,175.53
Garfield	9,991.33	36,027.61	15,130.46	18,233.08	--------	3,585.20	82,967.68
Gilpin	10,348.42	5,890.13	758.08	5,547.36	11,343.39	514.03	34,401.41
Grand	75.68	3,118.53	2,018.19	29,642.15	2,960.17	426.38	38,241.10
Gunnison	--------	4,912.65	4,275.41	39,599.64	--------	6,085.40	54,873.10
Hinsdale	65.27	1,903.71	179.17	--------	1,188.98	23.04	3,360.17
Huerfano	1,209.55	15,041.72	6,378.03	22,923.44	9,382.48	513.90	55,449.12
Jackson	--------	--------	1,286.30	20,929.22	2,402.93	608.24	25,226.69
Jefferson	29,503.65	38,995.35	21,194.63	36,711.74	4,047.03	2,294.65	132,747.05
Kiowa	26,788.61	10.05	2,341.31	22,450.49	517.29	--------	52,107.75
Kit Carson	33,007.69	12,813.21	6,051.34	27,168.16	3,239.13	1,714.17	83,993.70

Lake	--------	--------	2,421.97	11,281.37	475.36	18,584.87	32,763.57
La Plata	1,517.08	35,725.14	5,975.92	15,349.86	2,087.25	1,743.00	62,398.25
Larimer	63,002.43	71,923.83	28,542.04	39,384.49	--------	14,398.90	217,251.69
Las Animas	1,357.41	67,004.28	15,527.93	44,735.27	17,512.63	6,697.11	152,834.63
Lincoln	10,886.14	11,247.34	4,525.85	49,368.80	1,400.55	9,240.58	86,669.26
Logan	21,595.91	28,108.07	15,029.90	29,057.83	4,858.82	677.71	99,328.24
Mesa	13.59	16,707.36	19,932.23	31,141.04	--------	8,373.79	76,168.01
Mineral	3,316.41	67.62	304.30	10,018.94	6,000.00	1,433.65	21,140.92
Moffat	13,078.74	10,948.16	3,228.47	27,905.66	15,693.44	954.56	71,809.03
Montezuma	9,717.74	4,991.45	4,124.19	19,152.57	920.75	1,421.52	40,328.22
Montrose	—151.07	18,996.25	6,621.40	36,307.55	2,326.36	6,996.38	71,096.87
Morgan	--------	21,051.13	13,809.31	23,190.32	10,569.90	3,273.31	71,893.97
Otero	467.16	30,410.73	17,659.83	13,612.69	2,872.01	3,459.51	68,481.93
Ouray	3,520.25	9,397.38	977.40	705.93	--------	82.00	14,682.96
Park	130.08	3,784.43	21,774.16	21,774.16	2,497.65	--------	49,960.48
Phillips	21,237.92	--------	4,758.53	16,727.43	6,100.75	3,756.81	57,581.44
Pitkin	—1,926.84	--------	1,151.04	13,522.53	5,994.85	2,028.95	20,770.53
Prowers	2,976.14	12,934.30	6,835.43	29,296.53	2,982.31	--------	55,024.71
Pueblo	469.55	73,367.06	37,863.41	30,581.96	1,094.82	67.30	143,444.10
Rio Blanco	7,935.12	6,954.54	1,446.77	31,517.97	19,017.09	--------	66,871.49
Rio Grande	2,587.22	4,153.07	6,466.68	13,932.95	6,401.81	519.24	34,060.97
Routt	—29,499.20	28,024.46	8,010.51	28,558.30	11,361.98	12,519.27	58,975.32
Saguache	2,509.51	1,072.47	3,596.14	26,123.10	--------	8,152.35	41,453.57
San Juan	12,900.75	5,156.99	949.32	7,468.13	585.66	1,703.60	28,764.45
San Miguel	5,189.93	2,836.52	1,151.44	22,244.24	3,000.00	--------	34,422.13
Sedgwick	15,992.86	13,069.35	6,000.00	10,000.00	5,000.00	--------	50,062.21
Summit	13,428.46	6,284.14	1,229.41	14,244.77	9,963.74	11,243.89	56,394.41
Teller	--------	--------	3,025.15	15,858.35	282.74	--------	19,166.24
Washington	—16,758.19	4,310.19	--------	--------	--------	77,654.96	65,206.96
Weld	37,941.14	63,718.92	47,589.81	54,505.25	86,080.89	18,391.74	308,227.75
Yuma	21,092.22	7,000.00	8,353.79	40,368.94	--------	--------	76,814.95
State	$ 288,321.77	$ 946,908.66	$ 548,565.38	$1,359,033.24	$ 353,792.33	$ 303,569.85	$3,900,191.23

Minus sign (—) means deficit.

*"Miscellaneous" includes appropriations from "Local Funds" as follows: Adams, $885.47; Conejos, $12,395.92; Huerfano, $513.90; Lake, $18,560.00; Montrose, $899.94; Ouray, $82.00; Phillips, $7,805.28; Routt, $8,738.71; "Local Bond Sale Receipts" of $22,346.87 for Bent county and "Note Sale Receipts" of $3,780.56 for Routt county.

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1933

(Supplied by the United States Bureau of Public Roads)

COUNTY	Construction Roads and Bridges	Maintenance Roads and Bridges	Administration Overhead	Interest on Bonds and Notes	Miscellaneous	Total Disbursements	County Funds to State	Balance End of Year	Total
Adams	$ 2,595.55	$ 27,473.24			$ 37,545.94	$ 67,614.73		$ 44,475.22	$ 112,089.95
Alamosa	4,535.44	4,423.41	$ 1,218.75		13,830.21	24,007.81	$ 476.76	20,030.37	44,514.94
Arapahoe		62,540.19				62,540.19		3,109.02	65,649.21
Archuleta		19,652.75				19,652.75		3,111.53	22,764.28
Baca		54,527.90				54,527.90		4,090.15	58,618.05
Bent		10,343.81		$ 33,682.50		44,026.31		14,785.57	58,811.88
Boulder		121,988.33		624.97	5,268.75	127,882.05		—23,365.93	104,516.12
Chaffee		11,985.09				11,985.09		10,427.79	22,412.88
Cheyenne		30,813.59			434.44	31,248.03		4,425.36	35,673.39
Clear Creek		34,673.72	1,632.49			36,306.21		2,084.50	38,390.71
Conejos		30,509.13				30,509.13		2,932.79	33,441.92
Costilla		17,126.58				17,126.58		1,430.02	18,556.60
Crowley		10,513.29				10,513.29			10,513.29
Custer		28,547.57				28,547.57		—2,021.01	26,526.56
Delta		81,387.58		492.55	1,231.69	83,111.82		2,560.45	85,672.27
Denver									
Dolores	7,154.86	16,056.16				23,211.02		981.33	24,192.35
Douglas	24,603.70	37,091.81			2,400.00	64,095.51		—31,452.62	32,642.89
Eagle	5,749.45	32,492.62	703.98		12,043.00	50,989.05		12,909.88	63,898.93
Elbert		34,292.93				34,292.93		—6,022.21	28,270.72
El Paso	29,205.50	87,608.48	10,601.77	590.49	2,581.92	130,588.16		853.57	131,441.73
Fremont		53,207.04			1,022.69	54,229.73		9,945.80	64,175.53
Garfield		57,662.97				57,662.97		25,304.71	82,967.68
Gilpin		27,081.92	358.00			27,439.92		6,961.49	34,401.41
Grand		18,773.29	506.36	273.92	13,334.07	32,887.64		5,353.46	38,241.10
Gunnison		50,203.91				50,203.91		4,669.19	54,873.10
Hinsdale		1,074.84	94.10	1,102.91	1,056.24	3,328.09		32.08	3,360.17
Huerfano	11,450.40	43,552.68	3,055.75			58,058.83		—2,609.71	55,449.12
Jackson	3,912.85	16,118.95				20,031.80	5,194.89		25,226.69
Jefferson		112,222.76				112,222.76		20,524.29	132,747.05
Kiowa		11,164.28			33,174.04	44,338.32	6,500.00	1,269.43	52,107.75
Kit Carson	37,729.69	20,364.84				58,094.53		25,899.17	83,993.70

Lake	---	14,550.43	---	---	---	14,550.43	10,000.00	8,213.14	32,763.57
La Plata	---	59,485.37	---	---	---	59,485.37	---	2,912.88	62,398.25
Larimer	11,000.00	193,428.33	---	---	---	204,428.33	---	12,823.36	217,251.69
Las Animas	---	156,906.87	3,900.00	---	---	160,806.87	---	—7,972.24	152,834.63
Lincoln	---	75,681.07	---	---	---	75,681.07	4,773.43	6,214.76	86,669.26
Logan	---	64,075.08	---	---	2,690.34	66,765.42	---	32,562.82	99,328.24
Mesa	---	72,887.33	1,800.00	1,393.98	---	76,081.31	---	86.70	76,168.01
Mineral	---	16,730.86	---	---	---	16,730.86	---	4,410.06	21,140.92
Moffat	6,493.15	19,546.59	---	---	---	26,039.74	---	45,769.29	71,809.03
Montezuma	---	30,547.35	---	---	4,545.46	35,092.81	---	5,235.41	40,328.22
Montrose	---	61,433.18	---	---	---	61,433.18	---	9,663.69	71,096.87
Morgan	13,159.26	45,275.90	---	---	895.79	59,330.95	---	12,563.02	71,893.97
Otero	---	58,452.69	1,800.00	2,100.09	---	62,352.78	---	6,129.15	68,481.93
Ouray	---	10,414.43	---	---	---	10,414.43	---	4,268.53	14,682.96
Park	---	46,969.24	1,800.00	---	---	48,769.24	---	1,191.24	49,960.48
Phillips	---	36,609.15	---	---	---	36,609.15	---	20,972.29	57,581.44
Pitkin	---	16,688.21	805.41	---	---	17,493.62	---	3,276.91	20,770.53
Prowers	---	52,301.65	---	---	---	52,301.65	---	2,723.06	55,024.71
Pueblo	12,058.30	59,109.99	2,722.49	---	53,023.16	126,913.94	---	16,530.16	143,444.10
Rio Blanco	---	56,537.44	---	715.20	2,444.53	59,697.17	---	7,174.32	66,871.49
Rio Grande	---	20,261.31	2,400.00	---	---	22,661.31	---	11,399.66	34,060.97
Routt	24,123.52	35,124.77	---	24,499.11	796.94	84,544.34	---	—25,569.02	58,975.32
Saguache	---	36,184.95	1,800.00	---	397.18	38,382.13	---	3,071.44	41,453.57
San Juan	---	16,019.53	---	---	---	16,019.53	---	12,744.92	28,764.45
San Miguel	---	41,067.15	---	---	---	41,067.15	---	—6,645.02	34,422.13
Sedgwick	9,600.00	21,874.60	---	---	---	31,474.60	---	18,587.61	50,062.21
Summit	6,935.82	9,963.74	---	---	29,860.72	46,760.28	---	9,634.13	56,394.41
Teller	---	17,766.24	---	---	---	17,766.24	4,000.00	—2,600.00	19,166.24
Washington	25,173.42	40,033.54	---	---	---	65,206.96	---	---	65,206.96
Weld	---	214,929.31	19,527.14	63,113.56	8,616.43	306,186.44	---	2,041.31	308,227.75
Yuma	7,000.00	11,048.48	---	---	18,991.43	37,039.91	19,000.00	20,775.04	76,814.95
State	$ 242,480.91	$2,777,380.44	$ 54,726.24	$128,589.28	$246,184.97	$3,449,361.84	$ 49,945.08	$400,884.31	$3,900,191.23

Minus sign (—) indicates deficit.

COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1932

(Supplied by the United States Bureau of Public Roads)

COUNTY	Balance on Hand	General County Road Taxes	Motor Vehicle Fees	Gasoline Taxes	Funds from State	*Miscellaneous	Total Funds Available
Adams	--------	--------	--------	--------	--------	$ 35,399.00	$ 35,399.00
Alamosa	$ 21,476.97	--------	$ 7,034.71	$ 18,350.53	$ 3,358.04	3,787.08	54,007.33
Arapahoe	1,704.44	$ 29,544.41	21,903.71	17,585.75	513.21	151.44	71,402.96
Archuleta	1,503.58	7,243.77	1,137.00	14,654.94	--------	3,916.02	28,455.31
Baca	--------	29,113.20	9,489.20	37,271.01	--------	1,070.92	76,944.33
Bent	--------	17,843.20	5,596.48	11,066.99	477.39	21,516.10	56,500.16
Boulder	10,045.16	73,550.68	29,632.08	21,853.90	17,709.63	5,774.98	158,566.43
Chaffee	4,650.47	190.93	4,825.97	14,576.73	5,725.45	1,569.96	31,539.51
Cheyenne	4,359.02	--------	2,956.21	19,947.04	818.21	--------	28,080.48
Clear Creek	--------	7,559.32	2,135.94	15,574.16	5,946.54	721.39	31,937.35
Conejos	6,880.91	5,792.04	3,858.13	18,978.41	9,000.00	--------	44,509.49
Costilla	—369.35	3,406.30	2,825.96	20,254.04	--------	1.47	26,118.42
Crowley	11,487.54	5,755.63	4,127.22	9,966.31	13,911.15	325.40	45,573.25
Custer	—6,721.42	2,331.79	2,585.52	14,918.18	9,031.82	1,433.40	23,579.29
Delta	12,107.99	55,223.99	11,403.84	21,605.38	8,724.78	6,218.70	115,284.68
Denver	--------	--------	--------	--------	--------	--------	--------
Dolores	12,465.47	3,245.59	995.10	11,169.04	4,098.96	471.95	32,446.11
Douglas	3,033.99	22,953.89	3,338.25	22,016.82	1,964.14	18.85	53,325.94
Eagle	18,856.93	20,235.66	3,871.24	22,556.58	--------	2,944.86	68,465.27
Elbert	—66,642.56	50,472.91	4,620.82	18,000.00	4,209.04	--------	10,660.21
El Paso	5,352.19	60,217.06	45,089.20	38,528.07	16,862.43	3,484.33	169,533.28
Fremont	8,607.15	18,737.82	14,609.26	28,721.80	11,446.02	2,811.16	84,933.21
Garfield	20,451.00	49,246.00	6,784.00	23,656.00	--------	6,500.00	106,637.00
Gilpin	--------	10,000.00	1,000.00	3,000.00	--------	5,000.00	19,000.00
Grand	--------	9,619.63	1,977.49	30,194.19	--------	9,710.68	51,501.99
Gunnison	8,733.86	10,870.38	4,841.51	39,859.43	27,016.57	4,733.36	96,055.11
Hinsdale	77.00	--------	260.87	7,607.43	5,831.29	--------	13,776.59
Huerfano	11,013.72	33,619.25	7,075.11	23,567.69	--------	2,950.64	78,226.41
Jackson	5,466.58	--------	1,302.57	21,274.81	21,587.40	4,189.38	53,820.74
Jefferson	33,918.03	70,458.43	21,637.48	37,506.23	1,385.04	8,549.86	173,455.07
Kiowa	28,157.11	12.02	4,187.91	24,151.78	12,057.47	7,564.20	76,130.49
Kit Carson	25,050.33	26,411.77	9,443.94	27,233.05	4,061.83	2,533.34	94,734.26

Lake	--------	--------	--------	--------	--------	22,098.47	22,098.47
La Plata	24,634.80	43,765.42	7,546.34	17,436.23	3,744.71	4,771.26	101,898.76
Larimer	—26,146.54	139,891.20	36,999.68	40,039.90	18,468.62	6,461.74	215,714.60
Las Animas	—32,000.00	129,290.00	20,395.00	48,730.00	28,846.00	--------	195,261.00
Lincoln	—4,980.03	12,995.27	7,547.23	50,113.50	5,146.28	529.09	71,351.34
Logan	—2,094.60	75,203.03	20,454.22	31,258.92	11,870.33	6,046.22	142,738.12
Mesa	10,207.60	45,772.05	21,748.55	36,824.62	4,213.49	69,317.49	188,083.80
Mineral	7,121.17	--------	366.67	10,205.63	6,000.00	4,546.38	28,239.85
Moffat	--------	11,019.40	30,251.35	--------	--------	13,888.14	55,158.89
Montezuma	8,583.55	11,700.42	5,308.47	22,089.80	--------	1,588.85	49,271.09
Montrose	—14,662.02	29,438.13	7,574.35	37,827.79	4,548.32	6,021.46	70,748.03
Morgan	--------	22,293.00	17,381.87	21,677.87	20,854.34	6,502.12	88,709.20
Otero	6,714.06	44,218.12	18,298.22	14,468.39	476.40	5,236.36	89,411.55
Ouray	5,149.54	5,679.30	998.56	7,732.43	2,016.79	118.58	21,695.20
Park	—8,072.89	9,702.11	3,659.20	30,151.95	16,121.22	4,351.90	55,913.49
Phillips	17,530.86	52,554.39	--------	--------	--------	--------	70,085.25
Pitkin	6,462.54	2,622.79	838.49	13,746.58	14,194.53	356.09	38,221.02
Prowers	12,823.83	18,028.26	11,673.27	31,209.06	10,403.77	776.81	84,915.00
Pueblo	--------	82,749.04	44,767.91	32,148.81	341.37	145.70	160,152.83
Rio Blanco	8,441.49	8,620.54	3,093.69	32,226.30	7,599.15	5,517.56	65,498.73
Rio Grande	6,977.08	5,761.25	8,455.02	13,977.66	5,725.17	1,356.44	42,252.62
Routt	21,575.28	30,032.36	6,010.19	26,887.97	--------	4,560.11	89,065.91
Saguache	7,233.12	4,664.97	4,129.89	27,366.37	12,474.49	8,664.83	64,533.67
San Juan	12,453.17	7,115.64	824.01	7,548.54	3,309.40	3,732.22	34,982.98
San Miguel	--------	5,040.75	1,500.00	22,000.00	8,600.00	40,000.00	77,140.75
Sedgwick	10,429.44	21,641.82	5,663.30	12,706.08	--------	--------	50,440.64
Summit	11,879.06	6,465.27	848.62	14,489.93	4,569.24	--------	38,252.12
Teller	--------	--------	13,008.83	16,267.18	--------	--------	29,276.01
Washington	13,057.73	25,584.04	9,113.26	43,332.70	22,177.04	--------	113,264.77
Weld	84,876.58	163,319.85	61,833.63	55,400.44	22,633.55	75,091.17	463,155.22
Yuma	17,725.89	24,951.15	10,569.25	42,467.42	27,547.51	411.81	123,673.03
State	$ 387,586.82	$1,663,775.24	$ 621,405.79	$1,395,978.36	$ 447,618.13	$ 435,439.27	$4,951,803.61

Minus sign (—) means deficit.

*"Appropriations from Local Funds" included in "Miscellaneous," as follows: Bent, $21,516.10; Gilpin, $5,000.00; Kiowa, $6,500.00; La Plata, $4,399.48; Lincoln, $20.00; Mesa, $18,834.54; Rio Blanco, $4,857.52; Routt, $1,393.33; San Miguel, $40,000.00.

Moffat county "Motor Vehicle Fees" includes "Gasoline Taxes."

Jefferson county "Funds from State" represents the Gasoline Tax Refund.

Gunnison county "Miscellaneous" represents the U. S. Forest Funds.

Weld county "Miscellaneous" covers $60,259.22 "Sales of Notes."

Yuma county "Gasoline Taxes" includes P. U. C. Tax on Busses.

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1932

(Supplied by the United States Bureau of Public Roads)

COUNTY	Construction Roads and Bridges	Maintenance Roads and Bridges	Administration Overhead & Engineering	Interest on Bonds	Miscellaneous	Total Disbursements	Retirement of Notes	County Funds to State	Balance End of Year	Grand Total
Adams	$ 5,365.06	$ 30,033.94	----------	----------	----------	$ 35,399.00	----------	----------	----------	$ 35,399.00
Alamosa	13,068.77	14,312.56	$ 1,462.50	----------	$ 12,816.90	41,660.73	----------	$ 3,358.04	$ 8,988.56	54,007.33
Arapahoe	----------	62,231.59	----------	----------	----------	62,231.59	----------	----------	9,171.37	71,402.96
Archuleta	----------	26,815.14	490.45	----------	----------	27,305.59	----------	----------	1,149.72	28,455.31
Baca	6,450.00	63,777.30	----------	----------	----------	70,227.30	----------	----------	6,717.03	76,944.33
Bent	----------	42,585.66	----------	----------	----------	42,585.66	----------	----------	13,914.50	56,500.16
Boulder	31,529.18	126,276.79	----------	----------	10,049.86	167,855.83	----------	----------	—9,289.40	158,566.43
Chaffee	----------	32,349.69	----------	----------	----------	32,349.69	----------	----------	—810.18	31,539.51
Cheyenne	----------	22,785.83	----------	----------	----------	22,785.83	----------	----------	5,294.65	28,080.48
Clear Creek	8,000.00	23,269.84	----------	----------	----------	31,269.84	----------	----------	667.51	31,937.35
Conejos	----------	49,880.36	----------	----------	----------	49,880.36	----------	----------	—5,370.87	44,509.49
Costilla	----------	26,789.83	----------	----------	----------	26,789.83	----------	----------	—671.41	26,118.42
Crowley	----------	32,035.61	----------	----------	----------	32,035.61	----------	----------	13,537.64	45,573.25
Custer	----------	32,891.94	----------	----------	----------	32,891.94	----------	----------	—9,312.65	23,579.29
Delta	16,701.72	92,162.12	----------	----------	----------	108,863.84	----------	----------	6,420.84	115,284.68
Denver	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Dolores	----------	31,014.15	----------	----------	----------	31,014.15	----------	----------	1,431.96	32,446.11
Douglas	3,708.83	57,899.91	----------	----------	2,757.82	64,366.56	----------	----------	—11,040.62	53,325.94
Eagle	----------	47,659.18	----------	----------	----------	47,659.18	----------	----------	20,806.09	68,465.27
Elbert	----------	59,841.18	----------	----------	----------	59,841.18	----------	----------	—49,180.97	10,660.21
El Paso	39,406.96	112,279.60	[1]8,373.73	----------	[2]9,164.94	169,225.23	----------	----------	308.05	169,533.28
Fremont	22,892.00	55,835.77	2,041.00	----------	----------	80,768.77	----------	----------	4,164.44	84,933.21
Garfield	5,000.00	85,146.00	4,500.00	----------	2,000.00	96,646.00	----------	----------	9,991.00	106,637.00
Gilpin	5,000.00	10,000.00	----------	----------	4,000.00	19,000.00	----------	----------	----------	19,000.00
Grand	----------	50,987.86	----------	----------	[3]448.51	51,436.37	----------	----------	65.62	51,501.99
Gunnison	36,133.79	36,448.82	----------	----------	[4]23,472.50	96,055.11	----------	----------	----------	96,055.11
Hinsdale	1,940.80	7,470.24	----------	----------	3,719.35	13,130.39	----------	----------	646.20	13,776.59
Huerfano	----------	76,016.86	1,000.00	----------	----------	77,016.86	----------	----------	1,209.55	78,226.41
Jackson	18,724.52	10,000.00	----------	----------	20,308.02	49,032.54	----------	----------	4,788.20	53,820.74
Jefferson	16,188.51	124,960.50	----------	----------	----------	141,149.01	[5]$ 2,802.41	----------	29,503.65	173,455.07
Kiowa	6,215.01	42,341.23	970.00	----------	----------	49,526.24	----------	----------	26,604.25	76,130.49
Kit Carson	----------	60,514.87	1,211.70	----------	----------	61,726.57	----------	----------	33,007.69	94,734.26

Lake	———	22,098.47	———	———	———	22,098.47	———	———	———	22,098.47
La Plata	5,867.41	93,514.27	1,000.00	———	———	100,381.68	———	———	1,517.08	101,898.76
Larimer	18,468.62	175,546.25	———	———	———	194,014.87	———	———	21,699.73	215,714.60
Las Animas	100,000.00	111,450.00	261.00	———	———	211,711.00	———	———	—16,450.00	195,261.00
Lincoln	27,216.42	38,997.77	1,243.87	———	———	67,458.06	———	———	3,893.28	71,351.34
Logan	3,864.56	111,235.63	2,620.45	———	8,078.96	125,799.60	———	———	16,938.52	142,738.12
Mesa	———	188,083.80	———	———	———	188,083.80	———	———	———	188,083.80
Mineral	———	24,923.44	———	———	———	24,923.44	———	———	3,316.41	28,239.85
Moffat	17,021.97	33,758.01	———	———	———	50,779.98	———	———	4,378.91	55,158.89
Montezuma	———	39,553.35	———	———	———	39,553.35	———	———	9,717.74	49,271.09
Montrose	———	73,454.81	———	$ 1,820.14	738.94	76,013.89	———	———	—5,265.86	70,748.03
Morgan	37,953.49	30,079.56	4,020.87	———	———	72,053.92	———	———	16,655.28	88,709.20
Otero	———	97,241.43	———	———	———	97,241.43	———	———	—7,829.88	89,411.55
Ouray	552.29	19,920.55	———	———	———	20,472.84	———	———	1,222.36	21,695.20
Park	16,000.00	52,784.40	———	———	———	68,784.40	———	———	—12,870.91	55,913.49
Phillips	———	44,645.08	———	———	———	44,645.08	———	———	25,440.17	70,085.25
Pitkin	7,574.95	29,872.88	466.59	———	———	37,914.42	———	———	306.60	38,221.02
Prowers	53,769.60	21,302.48	1,849.50	———	1,375.00	78,296.58	3,642.28	———	2,976.14	84,915.00
Pueblo	9,923.84	143,411.22	3,353.22	———	———	156,688.28	———	———	3,464.55	160,152.83
Rio Blanco	15,027.18	40,998.93	1,642.16	———	———	57,668.27	———	———	7,830.46	65,498.73
Rio Grande	16,000.00	23,665.40	———	———	———	39,665.40	———	———	2,587.22	42,252.62
Routt	———	82,880.82	———	———	———	82,880.82	———	———	6,185.09	89,065.91
Saguache	10,000.00	53,373.98	———	———	———	63,373.98	———	———	1,159.69	64,533.67
San Juan	4,825.00	21,572.28	509.95	———	———	26,907.23	———	———	8,075.75	34,982.98
San Miguel	10,500.00	60,770.14	———	———	———	71,270.14	———	———	5,870.61	77,140.75
Sedgwick	8,001.14	8,839.47	———	———	———	16,840.61	———	6,000.00	27,600.03	50,440.64
Summit	6,347.32	14,464.60	———	———	[6]4,011.74	24,823.66	———	———	13,428.46	38,252.12
Teller	———	37,865.63	———	———	———	37,865.63	———	———	—8,589.62	29,276.01
Washington	25,000.00	79,652.15	———	———	———	104,652.15	———	———	8,612.62	113,264.77
Weld	241,555.09	106,391.66	9,997.42	2,690.72	———	360,634.89	64,579.19	———	37,941.14	463,155.22
Yuma	44,587.75	26,000.00	3,000.00	———	1,288.94	74,876.69	———	27,547.51	21,248.83	123,673.03
State	$ 916,381.78	$3,454,962.83	$ 50,014.41	$ 4,510.86	$104,231.48	$4,530,101.36	$ 71,023.88	$ 36,905.55	$313,772.82	$4,951,803.61

Minus sign (—) indicates deficit.
[1]Foreman, $5,579.83; Supervisor, $2,400.00; Surveys, $393.90.
[2]Equipment.
[3]Interest on outstanding warrants.
[4]Rights-of-way, $4,509.99; Equipment, $4,959.25; Shops, $13,922.26.
[5]Commissions paid.
[6]Equipment purchase.

MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1934

(Compiled from Records of U. S. Bureau of Public Roads and State Highway Commission)

COUNTY	State Roads					County Roads				Total State & County
	Paved	Surfaced†	Graded	Projected	Total State	Surfaced	Graded	Projected	Total County	
Adams	26.9	73.7	18.6	----	119.2	515.0	552.0	393.0	1,460.0	1,579.2
Alamosa	0.2	37.7	69.6	8.5	116.0	99.0	317.0	----	416.0	532.0
Arapahoe	13.5	88.4	----	----	101.9	100.0	200.0	200.0	500.0	601.9
Archuleta	----	33.5	61.5	----	95.0	15.0	100.0	291.7	406.7	501.7
Baca	----	72.8	164.7	----	237.5	----	998.5	274.0	1,272.5	1,510.0
Bent	13.5	24.9	33.4	----	71.8	15.0	395.0	390.0	800.0	871.8
Boulder	33.0	66.8	45.3	1.3	146.4	431.0	80.0	31.0	542.0	688.4
Chaffee	----	65.4	26.3	----	91.7	23.0	189.0	44.4	256.4	348.1
Cheyenne	----	111.9	16.3	----	128.2	10.0	305.0	300.0	615.0	743.2
Clear Creek	1.9	66.9	35.3	7.2	111.3	----	8.0	98.0	106.0	217.3
Conejos	----	38.6	92.0	----	130.6	20.0	517.0	50.0	587.0	717.6
Costilla	----	51.7	72.7	3.0	127.4	132.0	50.0	----	182.0	309.4
Crowley	----	39.6	24.2	----	63.8	174.0	100.0	400.0	674.0	737.8
Custer	----	8.5	87.0	----	95.5	51.5	249.0	400.0	700.5	796.0
Delta	----	64.0	54.5	----	118.5	20.0	12.0	443.5	475.5	594.0
Denver	----	----	----	----	----	----	----	----	----	----
Dolores	----	----	73.6	----	73.6	----	78.0	78.0	156.0	229.6
Douglas	36.4	88.1	29.9	----	154.4	420.0	80.0	----	500.0	654.4
Eagle	----	62.3	72.5	8.9	143.7	10.0	6.0	254.8	270.8	414.5
Elbert	----	57.7	69.6	----	127.3	350.0	900.0	1,500.0	2,750.0	2,877.3
El Paso	54.9	115.1	70.6	6.0	246.6	348.7	926.0	1,785.8	3,060.5	3,307.1
Fremont	2.1	84.0	81.3	16.0	183.4	----	122.0	50.0	172.0	355.4
Garfield	----	85.6	62.6	7.5	155.7	15.0	15.0	1,325.0	1,355.0	1,510.7
Gilpin	----	4.0	32.1	----	36.1	----	32.0	33.0	65.0	101.1
Grand	----	83.9	107.7	0.1	191.7	----	112.0	20.0	132.0	323.7
Gunnison	----	70.2	165.7	21.7	257.6	20.0	108.0	108.0	236.0	493.6
Hinsdale	----	----	48.6	----	48.6	27.0	60.0	----	87.0	135.6
Huerfano	----	51.4	100.9	6.4	158.7	25.0	300.0	200.0	525.0	683.7
Jackson	----	68.0	68.2	----	136.2	----	20.0	230.0	250.0	386.2
Jefferson	22.5	153.3	50.6	25.5	251.9	6.5	584.5	500.0	1,091.0	1,342.9
Kiowa	----	69.6	76.5	----	146.1	48.0	----	615.0	663.0	809.1
Kit Carson	----	126.6	46.2	----	172.8	----	200.0	1,305.0	1,505.0	1,677.8
Lake	----	51.3	22.0	----	73.3	----	----	50.0	50.0	123.3
La Plata	----	79.8	50.5	----	130.3	----	22.0	1,400.0	1,422.0	1,552.3
Larimer	25.4	191.2	70.3	1.3	288.2	335.0	4.0	735.0	1,074.0	1,362.2
Las Animas	28.3	122.9	114.3	15.0	280.5	90.0	162.5	5,494.5	5,747.0	6,027.5
Lincoln	1.0	114.7	203.6	----	319.3	11.0	16.0	952.0	979.0	1,298.3
Logan	22.4	153.0	----	----	175.4	389.0	372.0	3,000.0	3,761.0	3,936.4
Mesa	5.9	92.8	121.2	----	219.9	122.0	1,256.0	1,257.0	2,635.0	2,854.9
Mineral	----	17.4	47.8	----	65.2	18.0	7.0	15.0	40.0	105.2
Moffat	----	66.1	115.9	----	182.0	----	14.0	922.0	936.0	1,118.0
Montezuma	----	59.8	76.6	----	136.4	6.2	503.8	600.0	1,110.0	1,246.4
Montrose	----	62.8	161.0	10.0	233.8	7.0	553.0	400.0	960.0	1,193.8
Morgan	35.2	90.5	8.0	----	133.7	253.0	583.0	----	836.0	969.7
Otero	28.2	8.9	84.2	----	121.3	136.2	817.5	533.0	1,486.7	1,608.0
Ouray	----	28.6	20.9	----	49.5	52.0	107.0	107.0	266.0	315.5
Park	----	105.1	79.2	8.7	193.0	150.0	426.0	32.0	608.0	801.0
Phillips	----	99.3	----	----	99.3	445.0	305.0	250.0	1,000.0	1,099.3
Pitkin	----	----	81.3	6.7	88.0	----	91.3	120.7	212.0	300.0
Prowers	6.4	89.9	88.2	----	184.5	312.0	800.0	100.0	1,212.0	1,396.5
Pueblo	43.7	101.2	70.2	----	215.1	560.8	2,084.0	356.0	3,000.8	3,215.9
Rio Blanco	----	45.6	146.0	13.3	204.9	----	168.0	91.0	259.0	463.9
Rio Grande	2.0	56.6	24.5	----	83.1	----	250.0	250.0	500.0	583.1
Routt	----	70.0	97.7	16.2	183.9	----	----	1,752.0	1,752.0	1,935.9
Saguache	----	84.1	85.9	----	170.0	61.0	438.3	600.0	1,099.3	1,269.3
San Juan	----	35.1	9.0	4.5	48.6	4.9	88.7	----	92.7	141.3
San Miguel	----	8.3	129.7	5.0	143.0	----	----	200.0	200.0	343.0
Sedgwick	10.8	55.9	11.5	----	78.2	246.0	20.0	250.0	516.0	594.2
Summit	----	28.7	51.7	12.3	92.7	----	15.0	18.0	33.0	125.7
Teller	----	52.7	38.2	12.3	103.2	15.0	----	241.0	256.0	359.2
Washington	7.4	180.6	70.3	----	258.3	5.0	62.0	2,787.0	2,854.0	3,112.3
Weld	71.8	233.3	69.9	4.3	379.3	1,603.0	2,490.0	1,907.0	6,000.0	6,379.3
Yuma	----	247.5	----	----	247.5	225.0	675.0	700.0	1,600.0	1,847.5
State	493.4	4,597.9	4,107.6	221.7	9,420.6	7,921.9	19,947.1	36,440.4	64,309.4	73,730.

This table does not include forest service roads or city streets. †Includes oiled roads as follows: Adams 20.4; Alamosa, 18.5; Arapahoe, 42.9; Bent, 22.8; Boulder, 17.9; Chaffee, 18.8; Cheyenne, 38.9; Clear Creek 2.0; Conejos, 20.1; Elbert, 23.5; El Paso, 16.8; Fremont, 18.2; Garfield, 27.3; Grand, 5.8; Jefferson, 40.6 Kit Carson, 45.3; Larimer, 48.1; Las Animas, 17.0; Logan, 18.6; Mesa, 66.8; Morgan, 3.4; Otero, 0.4 Prowers, 24.0; Pueblo, 79.7; Rio Grande, 5.9; Teller, 3.2; Weld, 46.9.

MOTOR VEHICLE OPERATIONS

There were 239,058 motor vehicle licenses for passenger cars and 27,433 for trucks issued in Colorado in 1933 through the office of the motor vehicle supervisor, which in 1933 became the registration agency for the state. The peak in passenger car registration was reached in 1930, when 276,847 licenses were issued. Each year since then, down to and including 1933, has shown a decrease. The number of truck licenses reached the maximum of 32,082 in 1931.

The increase each year over the preceding year (or decrease) in the number of cars and trucks registered and the percentage is as follows:

Year	Cars		Trucks	
	No.	Per Ct.	No.	Per Ct.
1921.....	16,372	13.6	1,818	24.0
1922.....	15,163	11.1	1,426	15.2
1923.....	34,170	15.9	2,458	22.7
1924.....	21,692	12.4	2,599	19.6
1925.....	24,152	12.2	2,698	17.0
1926.....	10,795	4.9	2,321	12.5
1927.....	12,799	5.5	2,480	11.9
1928.....	14,841	6.1	576	2.5
1929.....	14,012	5.4	4,540	19.0
1930.....	2,887	1.0	3,161	11.1
1931.....	—471	—0.2	420	1.3
1932.....—20,522		—7.4	—2,076	—6.5
1933.....—16,796		—6.6	—2,573	—8.6

(—) Denotes decrease.

The receipts from motor vehicle licenses in 1932 aggregated $1,615,844. This was a decrease of $147,092 compared with 1932, and a decrease of $294,897, compared with 1931, in which year the collections were the largest for any year since the registration of motor vehicles began under the present system. An annual tax of $1 per license for old-age pension funds, which is collected with the automobile license fees, is not included in the funds from motor vehicle registrations. The old-age pension funds are distributed to the counties on the basis of collections in each county. The total amount of motor vehicle registration fees collected in the state since registration began under the present system in 1913, down to and including 1933, is $22,072,442. After deducting the cost of administration, the motor vehicle license fees are divided equally between the state highway department for state highway purposes and counties for local road purposes.

A table published herewith shows the registration and receipts by years since the state assumed control of licensing. Another table gives registrations and collections in 1933, by counties.

There were 7.8 persons per passenger car in the state in 1920 and 3.7 persons per car in 1930. This compares with 4.6 persons per car in the United States in 1930.

Commencing in 1932, the system of licensing cars in Colorado was changed, and thereafter each county is indicated by an initial number, followed by the number of each particular license from 1 up to the maximum for that county.

Beginning with 1932, all drivers of passenger cars are required to take out individual drivers' licenses. These licenses continue in effect until lost (when another must be taken out) or cancelled for the violation of traffic laws. The following table shows the key number of each county, the number of licenses issued to drivers and to chauffeurs in 1932.

Key No.	County	Licensed Operators	Chauffeurs
12	Adams	7,540	139
30	Alamosa	2,627	50
10	Arapahoe	8,608	198
48	Archuleta	446	16
22	Baca	3,289	11
29	Bent	2,753	20
7	Boulder	14,215	172
31	Chaffee	2,150	28
46	Cheyenne	1,084	70
51	Clear Creek	721	32
25	Conejos	1,588	30
38	Costilla	713	4
36	Crowley	1,656	15
52	Custer	766	10
18	Delta	4,808	54
1	Denver	99,500	3,700
58	Dolores	279	4
47	Douglas	1,368	39
44	Eagle	954	28
34	Elbert	2,095	19
4	El Paso	16,231	460
14	Fremont	6,105	104
24	Garfield	2,790	66
60	Gilpin	428	7
53	Grand	634	8
40	Gunnison	1,882	2
63	Hinsdale	99	12
16	Huerfano	3,297	27
59	Jackson	534	19
11	Jefferson	8,776	214
45	Kiowa	1,282	57
26	Kit Carson	3,311	52
41	Lake	1,217	44
20	La Plata	2,863	80
6	Larimer	14,803	167
5	Las Animas	6,854	118
33	Lincoln	2,575	16
13	Logan	6,757	81

Key No.	County	Licensed Operators	Licensed Chauffeurs
8	Mesa	8,605	114
62	Mineral	170	0
42	Moffat	741	5
32	Montezuma	1,588	104
21	Montrose	3,546	15
15	Morgan	6,647	190
9	Otero	8,264	84
56	Ouray	529	28
54	Park	872	29
37	Phillips	2,607	21
57	Pitkin	357	13
17	Prowers	4,829	34
2	Pueblo	20,672	156
49	Rio Blanco	850	34
23	Rio Grande	2,785	77
28	Routt	2,354	35
35	Saguache	1,254	49
55	San Juan	330	11
50	San Miguel	528	10
39	Sedgwick	1,887	10
61	Summit	327	7
43	Teller	1,238	25
27	Washington	2,547	29
3	Weld	22,454	329
19	Yuma	4,138	12
	Total	337,717	7,594

REGISTRATION AND RECEIPTS BY YEARS SINCE STATE ASSUMED CONTROL OF LICENSING

YEAR	Passenger Cars	Trucks	Motorcycles	Drivers	Total Receipts
1913	13,135	*	2,753	1,980	$ 60,833.00
1914	17,756	*	3,683	2,058	80,047.00
1915	27.568	*	4,268	3,536	120,800.84
1916	43,296	*	4,731	6,754	197,794.75
1917	66,850	*	4,505	9,291	297,292.21
1918	83,244	*	3,872	9,686	372,490.25
1919	104,865	*	3,636	10,291	491,713.36
1920	119,964	7,585	3,364	9,814	815,100.10
1921	136,336	9,403	2,868	7,340	906,059.27
1922	151,499	10,829	2,770	7,058	991,677.22
1923	175,669	13,287	2,473	7,736	1,126,218.56
1924	197,361	15,886	2,226	7,559	1,258,204.80
1925	221,513	18,584	1,862	7,776	1,430,299.47
1926	232,308	20,905	1,480	7,162	1,507,379.19
1927	245,107	23,385	1,362	7,664	1,600,221.73
1928	259,948	23,961	1,234	7,977	1,790,182.73
1929	273,960	28,501	1,142	7,916	1,835,385.53
1930	276,847	31,662	1,059	7,296	1,901,219.94
1931	276,376	32,082	962	6,255	1,910,741.49
1932	255,854	30,006	805	7,594	1,762,936.63
1933	239,058	27,433	788	5,396	1,615,844.46
Total					$22,072,442.52

*Trucks included with passenger cars for these years.

MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, 1933, BY COUNTIES

(From the records of the State Motor Vehicle Supervisor)

COUNTY	Owners	Trucks and Trailers	Dealers	Motorcycles	Re-issues	Permits, Replacements, and Misc.	Fees Collected
Adams	5,366	992	22	14	552	386	$ 40,188.87
Alamosa	1,794	532	18	6	125	121	14,799.83
Arapahoe	6,776	53'	63	18	689	268	41,869.75
Archuleta	393	35	-----	1	16	101	2,126.47
Baca	1,959	509	-----	6	111	108	15,337.31
Bent	1,887	173	18	5	154	116	11,672.50
Boulder	9,465	1,027	106	[illegible]	747	2,367	58,345.68
Chaffee	1,608	151	28	2	[illegible]	99	10,334.06
Cheyenne	737	99	6	1	[illegible]	68	4,861.86
Clear Creek	615	59	8	1	38	[illegible]	4,160.80
Conejos	944	196	6	-----	33	45	6,486.16
Costilla	593	146	-----	1	43	52	[illegible]
Crowley	1,110	142	11	1	84	57	[illegible]
Custer	501	95	-----	-----	25	49	3,682.95
Delta	3,119	557	33	11	231	199	21,824.29
Denver	74,049	5,616	803	283	8,587	9,652	494,342.00
Dolores	193	42	-----	-----	7	5	1,360.23
Douglas	1,054	101	3	6	82	76	6,896.32
Eagle	1,047	196	4	4	81	70	9,034.39
Elbert	1,289	142	7	2	62	31	8,250.52
El Paso	13,976	991	121	37	1,394	507	90,596.14
Fremont	4,149	423	43	18	331	138	27,353.15
Garfield	2,004	254	23	1	97	75	13,349.14
Gilpin	321	41	-----	-----	10	43	1,761.24
Grand	686	100	8	-----	49	15	4,559.78
Gunnison	1,154	112	7	3	71	147	7,003.01
Hinsdale	64	12	-----	-----	-----	7	421.96
Huerfano	2,083	172	17	2	73	144	12,641.64
Jackson	456	63	3	-----	32	1	2,929.56
Jefferson	7,232	729	25	34	702	347	47,016.82
Kiowa	766	125	-----	1	40	26	4,254.61
Kit Carson	2,133	301	20	6	108	67	14,435.44
Lake	984	41	16	1	78	42	5,460.30
La Plata	2,145	210	19	3	127	44	13,610.51
Larimer	9,078	1,226	56	51	899	1,184	62,071.37
Las Animas	4,726	727	51	12	254	92	34,958.53
Lincoln	1,516	193	25	5	153	103	10,303.95
Logan	4,443	880	37	5	330	286	32,761.57
Mesa	6,014	752	55	12	408	300	38,554.62
Mineral	127	18	-----	-----	4	1	856.08
Moffat	994	147	11	1	49	31	7,112.17
Montezuma	1,324	264	11	3	105	28	9,975.46
Montrose	2,305	273	21	4	113	94	15,012.07
Morgan	4,010	825	33	11	341	177	30,268.75
Otero	5,133	784	58	32	552	611	37,302.50
Ouray	388	37	-----	-----	14	62	2,187.96
Park	881	119	11	-----	54	41	6,220.34
Phillips	1,501	260	4	2	69	99	10,816.76
Pitkin	286	27	-----	-----	7	22	1,716.78
Prowers	3,188	364	55	8	260	114	21,027.27
Pueblo	13,113	1,311	130	71	1,530	961	86,049.50
Rio Blanco	611	81	3	-----	37	6	3,950.48
Rio Grande	1,995	448	16	8	102	55	14,437.82
Routt	1,751	193	25	2	99	92	10,586.92
Saguache	884	211	15	-----	34	112	6,364.96
San Juan	256	27	1	-----	18	28	1,643.59
San Miguel	413	46	-----	3	19	12	2,607.99
Sedgwick	1,248	290	6	5	47	81	9,377.32
Summit	294	19	2	-----	28	10	1,601.76
Teller	1,062	105	6	1	106	82	6,789.22
Washington	1,824	307	2	9	124	85	12,927.83
Weld	14,540	3,103	94	29	1,520	2,735	109,172.78
Yuma	2,501	313	10	4	83	222	16,480.02
State	239,058	*28,265	†2,176	788	22,294	‡23,229	$1,615,844.46

*Includes 27,433 trucks and 832 trailers. †Includes 2,126 auto dealers, 42 truck dealers and 8 motorcycle dealers. ‡Includes 1,859 replacements, 20,514 special permits and 856 special engine numbers.

GASOLINE CONSUMPTION, TAX AND DISTRIBUTION

Colorado commenced the collection of a tax of one cent a gallon on gasoline to provide revenues for highway construction on May 11, 1919. This tax was increased to two cents a gallon on April 30, 1923, 50 per cent of the amount collected going to the state highway fund and the remaining 50 per cent being apportioned among the counties according to the mileage of state highways. On May 1, 1927, the tax was increased to three cents a gallon and the division of revenues changed so that 70 per cent went to the highway fund and 30 per cent to the counties. The tax again was increased to four cents in 1929, 70 per cent going to the state highway fund, 27 per cent to the counties for highway purposes, and three per cent into a special highway fund for construction and maintenance purposes in cities and towns. Dealers pay the tax direct to the state inspector. The department is operated as the motor fuel tax division of the state treasurer's office.

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

		% Increase Over Previous Year
1919 (8 mos.)	$ 274,401	....
1920	458,395	67.1
1921	566,570	23.6
1922	644,912	13.8
1923	922,643	43.1
1924	1,773,362	92.2
1925	1,845,471	4.1
1926	2,169,456	17.6
1927	3,272,537	50.8
1928	4,115,299	25.8
1929	5,560,348	35.1
1930	6,642,208	19.5
1931	6,857,517	3.2
1932	6,134,474	—10.5
1933	6,012,639	—2.0
Total	$47,250,232	

(—) Decrease.

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

Year	Gallons	Per Ct. Inc. Over Former Yr.
1913	5,860,855	....
1914	10,372,238	76.97
1915	14,482,629	39.63
1916	19,988,001	38.01
1917	29,879,153	49.49
1918	32,800,910	9.78
1919	42,361,550	29.15
1920	51,917,098	22.56
1921	60,390,692	16.32
1922	65,891,200	9.11
1923	75,258,403	14.22
1924	94,031,766	24.95
1925	98,741,301	5.01
1926	112,380,309	13.81
1927	128,304,024	14.16
1928	142,027,665	10.69
1929	155,507,842	9.49
1930	170,855,026	9.86
1931	176,493,739	3.30
1932	155,721,630	—11.76
1933	155,812,578	0.06

(—) Decrease.

Colorado was the source of supply for 28,670,241 gallons of the 155,812,578 gallons of gasoline, or 18.4 per cent of the total, consumed in the state in 1933. In addition, Colorado refiners exported large quantities of gasoline into other states. An accompanying table gives the source of Colorado's gasoline supply by states and years. The following table shows the quantity Colorado supplied by years and the per cent of the state's total consumption:

Year	Quantity (Gals.)	Per Cent of Total Consumption
1915	332,168	2.29
1916	395,035	1.98
1917	3,546,823	11.87
1918	5,701,883	17.38
1919	6,454,277	15.24
1920	6,610,291	12.73
1921	5,222,884	8.65
1922	7,019,477	10.65
1923	7,010,704	9.32
1924	10,282,726	10.94
1925	5,659,669	5.73
1926	9,555,417	8.50
1927	15,465,893	12.05
1928	18,164,163	12.79
1929	19,029,208	12.24
1930	18,171,350	10.64
1931	26,284,127	14.89
1932	26,493,205	17.01
1933	28,670,241	18.40

Of 129,228,425 gallons of gasoline shipped into the state in 1932, 2,403,432 gallons, or 1.08 per cent was transported by tank truck and 98.92 per cent by rail. Shipments by truck into Colorado in 1931 aggregated 1,708,883 gallons, or less than one per cent of the total.

Refunds by calendar years of taxes on gasoline used for agricultural, industrial, contractors and aviation purposes and by the United States government are as follows:

Year	Amount
1924	$ 33,167
1925	31,628
1926	63,261
1927	143,919
1928	265,709
1929	412,410
1930	630,231
1931	730,289
1932	665,253
1933	678,832

The average consumption of gasoline in gallons in Colorado per motor ve-

hicle registered has shown a steady increase from an average of 408.1 gallons in 1925 to 570.4 gallons in 1931. In 1932 there was a decrease to an average of 543.2 gallons, and again in 1933 there was a decrease to an average of 511.2 gallons. The state inspector of oils credits this increase to a large increase of bus lines, heavy truck lines, taxicabs, closed cars and the general use of tractors and gasoline-operated machinery. The lowest average gasoline consumption per registered motor vehicle in the 18 years ending with 1931, was 376.5 gallons in 1918 and the highest was 570.4 gallons in 1931.

An accompanying table shows gasoline consumption and road taxes distributed, by counties, for 1931, 1932 and 1933. Another gives the amounts of the tax distributed to counties and to the general and special highway funds by years.

DISTRIBUTION OF GASOLINE TAXES

Note.—Amounts given are those distributed to the various agencies by the state auditor and do not show total taxes collected or balances on hand.

YEAR	To Counties	To Highway Fund	To Special Fund
*1927	$1,505,651	$1,740,651	.....
*1928	1,122,438	2,665,355	.....
1929	1,455,430	3,719,623	$ 103,969
1930	1,603,082	4,171,888	178,531
1931	1,649,511	4,219,681	180,820
1932	1,445,495	3,790,617	162,455
1933	1,419,495	3,663,800	155,800

*For fiscal year ending November 30. Others are for calendar years.

SOURCES OF COLORADO'S GASOLINE SUPPLY, BY YEARS

(From State Oil Inspector's Reports; in Gallons)

	1933	1932	1931	1930	1929	1928
Arkansas	.....	31,657	125,395	38,509	.....	.....
California	.....	.....	.....	47,282	.....	.....
Colorado	28,670,241	26,493,205	26,284,127	18,171,350	19,029,208	18,164,163
Kansas	36,439,264	32,392,835	34,020,492	30,866,498	23,998,336	18,491,680
Missouri	.....	.....	4,116	.....	.....	.....
Nebraska	113,999	140,376	209,239	166,991	111,438	129,657
New Mexico	2,967,349	2,546,815	3,196,318	2,798,901	2,382,770	2,617,796
Oklahoma	36,524,991	34,191,164	34,327,531	34,568,177	31,802,699	26,082,400
Texas	7,143,356	15,203,080	21,483,690	17,966,408	5,840,205	2,409,842
Utah	169,361	14,300	204,444	194,836	30,195	24,419
Wyoming	43,784,017	44,708,198	56,638,387	66,036,074	72,259,543	74,107,708
Louisiana	.....	.....	.....	.....	53,448	.....
Totals	155,812,578	155,721,630	176,493,739	170,855,026	155,507,842	142,027,665

GASOLINE CONSUMPTION, IN GALLONS, AND ROAD TAX DISTRIBUTED, BY AND TO COUNTIES, IN 1933, 1932 AND 1931

(From Motor Fuel Tax Division Reports)

COUNTY	Gallons Consumed			Road Tax Distributed		
	1933	1932	1931	1933	1932	1931
Adams	2,351,399	2,278,783	3,004,727	$ 15,365.49	$ 15,102.95	$ 17,093.83
Alamosa	2,814,165	2,835,972	2,577,753	17,735.41	18,041.37	20,086.61
Arapahoe	1,737,620	1,672,586	2,217,276	15,579.54	16,477.36	18,467.09
Archuleta	154,481	169,645	208,148	13,913.13	16,271.96	18,185.35
Baca	2,248,164	2,431,936	3,230,858	36,311.59	37,694.11	42,004.07
Bent	842,334	860,694	1,185,788	10,962.27	11,169.24	12,816.01
Boulder	6,484,333	6,386,309	6,904,915	21,588.19	22,101.48	24,628.63
Chaffee	2,025,501	2,209,941	3,032,286	14,249.51	14,739.67	16,460.15
Cheyenne	513,308	674,832	967,835	19,524.10	20,174.13	22,463.21
Clear Creek	--------	--------	--------	16,512.25	17,061.91	19,100.77
Conejos	544,650	541,925	615,114	19,967.58	20,632.20	22,991.39
Costilla	174,411	228,381	285,515	20,212.22	20,426.92	22,762.50
Crowley	664,951	375,564	683,979	9,754.52	10,079.23	11,231.60
Custer	143,582	142,333	162,621	14,601.11	15,087.20	16,812.11
Delta	1,315,884	1,356,541	1,549,402	18,316.35	18,926.08	21,090.16
Denver	50,756,866	51,374,151	52,848,456	--------	--------	--------
Dolores	60,203	8,858	33,705	11,252.73	11,295.57	12,587.09
Douglas	373,649	462,735	576,140	23,606.36	24,392.13	27,181.13
Eagle	1,075,837	291,986	335,962	22,077.49	22,812.47	22,603.99
Elbert	582,355	623,015	1,021,828	19,462.99	20,110.96	22,674.52
El Paso	10,333,512	10,536,221	11,230,327	37,672.29	38,957.95	43,518.06
Fremont	2,126,608	2,457,464	2,817,120	28,040.20	28,973.60	31,846.40
Garfield	1,669,905	1,750,283	1,958,181	23,805.05	25,892.96	27,480.43
Gilpin	87,434	94,131	82,772	5,519.39	5,703.11	6,355.32
Grand	710,055	744,610	973,061	29,492.70	30,474.48	33,976.53
Gunnison	219,287	270,001	405,448	39,399.99	40,711.57	45,472.16
Hinsdale	--------	--------	--------	7,430.48	7,677.90	8,555.70
Huerfano	1,970,453	1,928,985	2,146,054	21,420.02	22,133.05	24,699.01
Jackson	225,058	225,765	230,642	20,823.70	21,516.92	23,959.50
Jefferson	450,484	620,971	621,073	36,510.26	37,931.14	42,268.07
Kiowa	662,605	571,561	932,970	22,337.29	23,080.93	25,719.95
Kit Carson	2,026,037	2,069,683	2,552,258	26,480.69	27,536.08	30,772.45
Lake	910,415	718,236	707,456	11,206.85	11,801.17	13,150.41
La Plata	954,321	768,933	1,056,768	15,426.76	15,940.19	17,850.78
Larimer	5,853,802	5,708,870	7,643,970	39,185.91	40,490.52	45,172.84
Las Animas	2,814,199	2,933,378	3,516,741	41,540.44	42,812.77	47,743.09
Lincoln	1,846,816	1,781,815	2,083,072	49,169.77	50,680.15	56,492.41
Logan	3,641,166	3,180,002	4,081,918	26,816.97	27,709.78	30,878.11
Mesa	3,221,011	3,421,156	3,883,491	33,620.69	35,229.61	39,521.81
Mineral	24,758	18,538	34,734	9,968.42	10,300.33	11,812.45
Moffat	748,892	871,251	1,257,486	27,764.96	28,689.38	30,948.51
Montezuma	613,273	557,071	467,015	20,854.32	21,753.93	24,241.23
Montrose	1,348,451	1,328,995	1,546,694	36,143.39	37,109.73	41,247.11
Morgan	2,981,759	3,180,158	4,224,808	20,441.57	21,516.92	23,977.23
Otero	3,529,747	3,719,984	4,300,433	14,157.73	14,629.00	16,354.50
Ouray	58,128	59,924	66,130	7,568.14	7,820.03	8,714.21
Park	--------	--------	--------	29,507.97	30,490.23	34,029.37
Phillips	1,850,389	1,804,357	2,474,764	15,350.25	15,861.24	17,674.72
Pitkin	81,509	44,356	63,054	13,454.34	13,902.32	15,491.90
Prowers	3,247,639	2,709,098	3,101,220	29,033.91	30,537.60	34,011.66
Pueblo	9,032,967	8,509,731	9,278,180	30,425.25	31,469.69	35,138.43
Rio Blanco	41,389	54,286	51,979	31,342.68	32,591.41	36,317.87
Rio Grande	1,354,583	1,577,138	1,985,488	12,781.61	13,286.19	15,174.90
Routt	953,081	881,749	903,041	27,657.95	28,626.06	32,339.30
Saguache	447,909	560,608	702,839	25,991.38	26,856.79	29,716.23
San Juan	84,908	53,508	46,706	7,450.47	7,678.14	7,851.62
San Miguel	134,437	138,242	125,816	21,863.41	22,591.28	25,174.22
Sedgwick	1,128,533	1,087,081	1,458,667	11,956.12	11,390.46	12,692.78
Summit	--------	--------	--------	14,172.95	14,644.79	16,319.20
Teller	425,695	417,549	470,408	15,778.39	16,303.66	18,167.80
Washington	1,041,145	1,019,653	1,229,206	39,491.62	41,059.12	45,736.16
Weld	10,276,727	10,648,185	11,934,534	54,230.43	56,035.81	62,319.54
Yuma	1,819,798	1,771,976	2,404,907	37,840.46	39,100.21	43,570.91
State	155,812,578	155,721,630	176,493,739	$1,412,100.00	$1,462,095.14	$1,625,695.09

Federal Operations in Colorado

DENVER is the center from which numerous activities of the United States government in western states are conducted and has the largest representation of the government of any city in the country with the exception of the capital city of Washington. This has led to the frequent characterization of Denver as the western capital of the United States. A survey made by the immigration department in 1927 shows that there were 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.

No survey has been made since 1927. Since then, due primarily to the reorganization of departments, discontinuance of some agencies and the creation of others to handle emergency work in connection with national recovery, many changes have taken place, but it is not believed that these have materially altered Denver's relative position.

The 1927 survey revealed that there were under the jurisdiction of the Colorado agencies 7,418 salaried officials and employes, of whom 6,922 were located within the state. These figures are exclusive of several departments, such as the secret service, which are forbidden by regulations to give out information of this nature, and of more than 1,000 seasonal employes. Additional information on this subject will be found in another chapter entitled "Persons in Governmental Service."

The value of federal government property in Colorado is estimated at approximately $923,664,500. 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	11,319,000
Land filed upon but not patented	3,052,500
Coal land (reserved and classified)	722,450,000
Oil reserves	2,173,000
Oil shale land (reserves and classified)	53,125,000
Buildings	20,500,000
Parks and monuments	1,500,000
Power, water, reservoir, etc.	25,000,000
Indian property	3,545,000
Total	$923,664,500

The method of arriving at these estimates is given in detail in the chapter, "Taxable and Non-taxable Property," published elsewhere in this volume.

The area, location, and value of these various holdings are given in more detail in other chapters in this volume.

The total expenditures of the federal government in Colorado in the fiscal year ending June 30, 1926, the only year for which such a compilation has been made, aggregated $21,545,903, and receipts from all sources, $23,565,513. Buildings of the government in and adjacent to Denver, with their estimated value, are as follows:

Fitzsimons general hospital (160 bldgs.)	$10,000,000
Postoffice and federal courthouse	3,000,000
Mint	4,000,000
Customs house (old)	1,000,000
Customs house (new)	1,200,000
Army post (Fort Logan, 136 bldgs.)	1,300,000
Total	$20,500,000

The above table does not include postoffice buildings and sites in various cities and towns of the state, which are included in a table published elsewhere, covering operations of the postoffice department.

Information concerning federal operations in Colorado is given in more detail under sub-headings in this chapter.

PENSIONS AND COMPENSATION PAID ON ACCOUNT OF WARS

The United States government, through the Veterans administration, distributed $10,875,792 to residents of Colorado in the fiscal year ending June 30, 1933, in taking care of veterans and dependents of veterans of wars in which the country has engaged. Of that amount $7,810,662 was disbursed in pensions, disability and death compensation, disability allowance and emergency officers' pay and $3,065,130 in war risk insurance, adjusted service certificates matured by death, hospital service, and adminis-

tration. The payments aggregating $7,810,662 for the items named brought the total payments for those purposes from 1918 to 1933, inclusive, up to $90,139,538.

The disbursements in Colorado in the fiscal year ending June 30, 1933, as reported by Administrator Frank T. Hines of the Veterans administration, are as follows:

Disability compensation	$ 3,930,016
Death compensation	404,647
Emergency officers retirement pay	302,410
Non-service disability allowance	696,417
Army and navy pensions	2,477,172
Military and naval insurance	1,591,952
Adjusted service and dependent pay	16,199
Adjusted service certificates (Matured by death)	271,945
Hospital and domiciliary facilities and service	82,517
Administration, including expenditures incident to the maintenance and operation of field offices, hospitals, burials, travel, rent, etc.	1,102,517
Total	$10,875,792

Disability compensation is paid to the veterans of the world war. The army and navy pensions went to survivors or dependents of veterans of wars other than the world war. Disability allowance represents payments to veterans of the world war for disabilities encountered since the war ended. The item of death compensation applies to world war veterans. Payments of disability allowance and to retired emergency officers are made under a new law which went into effect July 1, 1930.

Pension payments formerly were handled by the bureau of pensions and compensation to world war veterans by the veterans' bureau. These two agencies were consolidated July 1, 1930, under the veterans' administration.

The number of persons in the state receiving army and navy pensions has decreased steadily in recent years.

There were 6,369 on the rolls June 30, 1918, and this number decreased annually to 4,650 at the end of the fiscal year in 1933. The amount paid in pensions has varied annually in both directions, but in the 16-year period showed an increase from $1,769,946 in 1918 to $2,477,172 in 1933, a gain of $707,226, or 28.6 per cent. The aggregate amount in army and navy pensions paid to residents of the state from 1918 to 1932, inclusive, was $38,050,969. The beneficiaries include survivors or dependents of veterans of the civil war, the war with Spain, the Indian wars and the regular establishment who receive pensions through the United States veterans' administration.

The following table shows the number of pensioners in Colorado on June 30 of the year given and the amounts paid:

Year	Number	Amount
1918	6,369	$1,769,946
1919	6,328	2,252,895
1920	6,002	2,160,440
1921	5,640	2,577,818
1922	5,296	2,460,019
1923	6,105	2,933,758
1924	5,837	2,356,452
1925	5,711	2,237,270
1926	5,590	2,352,265
1927	5,450	2,420,010
1928	5,432	2,406,457
1929	5,278	2,384,775
1930	5,115	2,291,640
1931	4,967	2,514,623
1932	4,807	2,455,429
1933	4,650*	2,477,172
Total, 16 years		$38,050,969

*Estimated.

Deaths of veterans of the world war are increasing gradually. Death compensation was being paid to the beneficiaries of approximately 1,109 veterans on June 30, 1933, which compares with 1,034 in 1932, an increase of 75; 963 in 1931, an increase of 49 over the preceding year; 914 in 1930, an increase of 34; and 877 in 1929, an increase of 36 over 1928. The number on June 30, 1919, was 222, indicating an increase of 887 since the close of the war.

The following table shows the number of cases on which death compensation was being paid on June 30 of the year named by the veterans' bureau, and the approximate amount of the disbursements:

Year	Number	Amount
1919	222	$ 43,226
1920	389	191,203
1921	431	159,289
1922	465	150,055
1923	501	167,985
1924	532	177,656
1925	645	249,041
1926	782	309,977
1927	823	291,474
1928	841	299,421
1929	877	307,560
1930	914	352,847
1931	963	339,593
1932	1,034	413,864
1933	1,109*	404,647
Total		$3,857,838

*Estimated.

The following table shows the number of cases on which disability com-

pensation was being paid on June 30 of the year named, and the amount:

Year	Number	Amount
1919	635	$ 117,037
1920	3,420	2,016,193
1921	3,943	2,570,875
1922	4,428	2,648,697
1923	4,764	2,777,173
1924	4,659	2,498,529
1925	4,977	2,445,848
1926	5,326	3,132,061
1927	5,452	3,225,785
1928	5,571	3,265,999
1929	5,319	4,072,096
1930	5,237	3,984,491
1931	5,386	4,455,648
1932	5,482	4,304,450
1933	5,557*	3,930,016
Total		$45,444,898

*Estimated.

Disability allowances, under the law which went into effect July 1, 1930, as of June 30 of the years named, are as follows:

Year	Number	Amount
1931	....	$ 350,048
1932	3,360	755,279
1933	....	696,417
Total		$1,801,744

Retired emergency officers pay for years ending June 30 are as follows:

Year	Number	Amount
1931	....	$ 331,778
1932	204	349,901
1933	....	302,410
Total		$ 984,089

Recapitulation of amounts paid out in Colorado from 1918 to 1933, inclusive, as shown by the above tables is as follows:

Pensions	$38,050,969
Death compensation	3,857,838
Disability compensation	45,444,898
Disability allowance	1,801,744
Retired emergency officers pay	984,089
Total	$90,139,538

In addition to the number receiving pensions and disability compensation on June 30, 1930, there were 115 persons in the state who had retired from government service and were receiving annuities, an increase of 24 during the fiscal year.

A regional office of the veterans' administration is located at Denver. The administration also operated one hospital for veterans at Fort Lyon. A description of this hospital is given in a separate chapter.

FARM CREDIT ADMINISTRATION

The national farm credit administration operates in Colorado through the Federal Land Bank of Wichita, the Denver Joint Stock Land Bank of Denver, and the Federal Intermediate Credit Bank of Wichita. The territory served by the land and intermediate credit banks is District 9, comprising Colorado, Kansas, New Mexico and Oklahoma, and the joint stock land bank operates in Colorado and Wyoming. The three agencies were consolidated into one organization under the farm credit administration by an executive order of the president, effective May 27, 1933. This administration embraces all federal agencies and functions dealing primarily with agricultural credit.

While under the supervision of the secretary of the treasury, the federal land bank does not make "government loans," but is financed independently by the sale of bonds secured by farm mortgages and by sale of stock as hereinafter stated. The bank operates in connection with National Farm Loan associations composed of borrowers. Loans to individual members of an association are limited to a maximum of $50,000 and not less than $100. Each borrower must be the owner-operator of the farm offered as security and must subscribe for association stock to the amount of five per cent of his loan, which the association invests in stock of the Federal Land Bank. He shares proportionately in the profits of the association during the period of his loan, and upon the payment of his loan his stock is retired at its value, not to exceed par. All the mortgages and notes of members of an association must be indorsed by the association. Loans are made at rates not over one per cent higher than the interest rate on the last issue of bonds made by the bank prior to executing the loan.

The federal farm loan act was amended by the emergency farm mortgage act, approved by the president on May 12, 1933, so that the federal land banks may make loans direct to farmers who give as security farms not situated within the territories of active national farm loan associations. The purposes for which loans may be made are: (a) to provide for the purchase of land for agricultural use; (b) to provide for the purchase of equipment, fertilizers and livestock; (c) to provide buildings and for the improvement of farm land; (d) to liquidate

indebtedness incurred for agricultural purposes; and (e) to provide the owner with funds for general agricultural purposes. Contact between the farmer and the bank may be established by applying to the nearest farm loan association or to the Federal Land Bank of Wichita, at Wichita, Kansas.

From the organization of the bank in April, 1917, to December 31, 1933, a total of 11,513 loans, aggregating $36,337,500 had been made by the federal land bank in Colorado. Of these, 2,540, aggregating $7,539,400, had been paid in full and cancelled, and 8,973 were in force at the close of 1933 for $28,798,100.

The federal land bank has disposed of 416 farms acquired through foreclosure of lands in Colorado, of which 121 were sold for a gain of $42,804.31 and 295 were sold for a loss of $323,801.95. It now owns 90 judgments for $363,046.50 and 202 farms with an investment of $920,091.02.

The Federal Intermediate Credit Bank of Wichita, which is one of the 12 banks created under an act of congress approved March 4, 1923, serves the same territory, which includes Colorado, as the land bank. The function of the bank is to provide agricultural credit for periods that are "intermediate' 'between the usual maturities of short-term commercial bank loans and long-term farm mortgage loans. It makes loans to co-operative associations secured by warehouse receipts or shipping documents covering staple agricultural products or such other collateral as may be approved by the governor of the farm credit administration, and discounts for state and national banks, agricultural credit corporations, livestock loan companies and other financing institutions, notes of farmers and stockmen.

The Denver Joint Stock Land Bank is one of the privately organized institutions chartered under the provisions of the federal farm loan act approved July 17, 1916. The joint stock banks were financed much the same as any other bank or industrial corporation. The emergency farm mortgage act of 1933, approved May 12, provided that after the enactment of the act, no joint stock land bank shall issue any tax-exempt bonds or make any farm loans except such as are necessary and incidental to the refinancing of existing loans or bond issues or to the sale of any real estate now owned or hereafter acquired by such bank. Provisions were made for the orderly liquidation of these banks. The Denver bank on June 30, 1933, had net mortgage loans outstanding to the amount of $12,142,936.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

The agricultural adjustment administration was created by an act of congress known as the agricultural adjustment act, approved by the president on May 12, 1933, to take certain measures under the supervision of the secretary of agriculture to increase agricultural purchasing power as an essential step toward promoting general revival, by raising farm prices. It provides a method of giving financial assistance through benefit payments to farmers who, voluntarily and not otherwise, co-operate with the government in making the necessary adjustment. Under the act payments may be made to producers of seven basic industrial commodities, including wheat, cotton, corn, hogs, tobacco and milk and its products. Wheat, corn and hogs are the commodities produced by Colorado farmers affected by the act.

The wheat adjustment plan provides for adjustment payments on the 1933, 1934 and 1935 wheat crops to producers entering into contracts with the secretary of agriculture to reduce their wheat acreages for 1934 and 1935. Payments for the 1933-34 marketing year amount to 28 cents a bushel for each producer's reduced acreage up to 20 per cent of his three-year average. A process (milling) tax is levied upon the first domestic commercial processing of wheat for human consumption to provide funds for making the adjustment payments.

The revised official estimates used as a final basis for wheat allotment, December, 1933, for Colorado credited the state with 17,111,200 bushels as the 1928-1932 average. This was based on an average of 1,754,700 seeded acres in 1930-1932 and 1,878,000 for 1928-1932.

Total expenditures of the administration for Colorado from the date of organization to December 31, 1933, amounted to $297,835.55, of which $30,417.15 was for general administration and $267,418.40 was for rentals and benefit payments to farmers for wheat adjustment.

These payments, by counties, are as follows:

County	Amount
Adams	$ 55,252.20
Alamosa	1,909.20
Bent	3,957.80
Cheyenne	6,638.00
Conejos	8,437.60
Crowley	82.40
Delta	4,010.80
Dolores	1,609.80
Douglas	5,854.40
Jefferson	14,018.40
Las Animas	5,087.40
Lincoln	20,180.80
Mesa	5,805.20
Moffat	11,756.00
Morgan	32,860.60
Otero	1,104.20
Pueblo	7,390.00
Rio Blanco	3,886.80
Routt	11,052.80
Saguache	1,310.00
Sedgwick	65,214.00
Total	$267,418.40

The corn and hog program operated as follows: A temporary adjustment in hog supplies to support hog prices during the closing months of 1933 and the early part of 1934, by means of an emergency pig and sow marketing program, was conducted August 23 to October 7, 1933. Loans at the rate of 45 cents per bushel on warehoused corn were made available to farmers late in November. Purchase of live hogs and hog products by the federal surplus relief corporation was arranged as an additional means of supporting the hog market. The corn-hog adjustment program called for a reduction in corn acreage in 1934 of at least 20 per cent and in number of litters farrowed and hogs produced for market by 25 per cent under the average of the past two years.

The number of pigs and sows purchased in Colorado during the emergency hog marketing program on August 23 to October 7, 1933, inclusive, is as follows:

Edibles:	
Number of head	307
Live weight, pounds	26,335
Live weight cost	$1,575
Inedibles:	
Number of head	1,536
Live weight	76,165
Live weight cost	$5,875

The number of hogs and sows purchased in Colorado during the emergency are as follows:

Sows:	
Number of head	1,074
Live weight	391,346
Live weight cost	$16,352
Pigs and Sows:	
Number of head	41,091
Live weight	2,658,005
Live weight cost	$180,485

FEDERAL SAVINGS AND LOAN ASSOCIATIONS

The federal home loan corporation act of congress which became a law on June 13, 1933, contained a provision for the creation of local thrift institutions in which people may invest their funds. The funds thus assembled are to be used in financing homes in the territory in which such associations are located and within 50 miles of the office of the association. The associations are chartered by the federal home loan corporation and are known as federal savings and loan associations. Local capital must take stock and local people must operate them. The United States treasury will take an amount of preferred stock equal to that paid in by the local community, but not exceeding in any case $100,000. Associations can not be set up in communities already adequately served by existing institutions doing the same class of business. Provisions are included for the conversion of state building and loan associations into federal savings and loan associations, if desired. The building up of loanable funds in widely distributed areas is intended to give a safe investment for savers and promote the building of modest homes by citizens who would otherwise find no access to capital for such purposes. Most of the remainder of 1933 after the act became law was taken up in organization and it was late in the year before the chartering of local associations began on any considerable scale. The first association to be formed in Colorado was the First Federal Savings & Loan association, of Colorado Springs, to which local capital subscribed $75,000. Additional information on federal activities in behalf of home owners will be found in a separate chapter entitled "Federal Home Loan Bank System."

FEDERAL HOME LOAN BANK SYSTEM

The federal home loan bank system was created by act of congress approved July 22, 1932. Twelve districts were created, in each of which was established a federal home loan bank.

Colorado was included in the tenth district, comprising Colorado, Kansas, Nebraska and Oklahoma, and the bank for this district, known as the Federal Home Loan bank, was established at Topeka, Kansas. This bank, with the others, was formally opened for business on October 15, 1932.

The purpose of the banks is to discount for members notes secured by home mortgages to procure capital for extending loans to eligible home owners. Funds thus advanced are used to take up obligations for which home owners' mortgages are pledged and thereby relieve the pressure on the home owners who had already borrowed from such member institutions. The banks are financed by subscriptions to stock by the government and institutions which become members. The members are building and loan associations and institutions which lend funds on home mortgages.

A statement of the number and amount of loans authorized in Colorado, advances made, repayments and balance outstanding on December 31, 1933, is as follows:

Loans authorized:	
Number	23
Amount	$775,300
Advances	680,200
Repayments	12,636
Balance outstanding	667,564

The number of institutions in Colorado approved by the board for membership in the system, number of shares and amount subscribed and the approximate lines of credit authorized for the state as of December 31, 1933, is as follows:

Number of member institutions.	17
Number of shares subscribed	713
Total amount subscribed	$ 71,300
Approximate line of credit	779,850

Additional information on federal activities for the aid and relief of home owners will be found in separate chapters in this volume under Home Owners' Loan Corporation and Federal Savings and Loan Associations. All three organizations are under the supervision of the federal home loan bank board.

HOME OWNERS' LOAN CORPORATION

The Home Owners' Loan Corporation was organized by the home loan bank board immediately after an act of congress authorizing its creation was approved on June 13, 1933. The act provided $200,000,000 cash and authorized the corporation to issue $2,000,000,000 in four per cent bonds, with interest guaranteed by the government, for the alleviation of the distress of home owners whose homes were of value not exceeding $20,000 and were encumbered on the date of the act with some lien which could be discharged by money or its equivalent, and which could not be financed otherwise. The corporation can exchange its bonds for the lien holder's lien, pay off taxes and assessments in cash and then take a new mortgage amortized for 15 years, bearing 5 per cent interest and payable monthly, quarterly, semi-annually or annually. An alternative plan provides that if the holder will not exchange his liens for bonds and will not carry it any longer, or it can not be financed otherwise, the corporation can loan cash up to 40 per cent of the appraised value and take over the encumbrance. It also provides for relief where a home is about to be sold for taxes.

The Colorado office of the corporation is in the customs building at Denver with a state manager in charge.

A statement of applications received, loans closed, applications tentatively approved and applications withdrawn in Colorado from date of opening to December 29, 1933, is as follows:

Loans closed:	
Bond loans:	
Number	439
Amount	$ 901,286
Average	2,053
50% cash loans:	
Number	36
Amount	$ 15,198
Average	422
Total, all loans:	
Number	475
Amount	$ 916,484
Average	1,929
Applications received:	
Number	10,017
Amount	$21,299,158
Average	2,126
Applications tentatively approved:	
Number	2,599
Amount	$ 4,567,424
Applications withdrawn:	
Number	215
Amount	$ 395,649

Further information regarding federal relief for home owners will be found in a separate chapter under Federal Home Loan Bank System.

CROP PRODUCTION LOANS IN COLORADO FROM GOVERNMENT FUNDS

Note.—This table shows the number of loans made in 1933 and 1932 to Colorado farmers through the farm credit administration, the approved amount of loans, and the amounts collected to June 30, 1933, by the St. Louis regional office and to July 15, 1933, by the Salt Lake City regional office. These agencies work in co-operation with the Colorado co-operative extension work of the State agricultural college, of which F. A. Anderson is director. The figures for 1933 are incomplete, due to some loans still pending on the date named. Of 3,680 loans of a total amount of $702,790 made by the St. Louis office in 1932, 653 have been paid in full and 3,027 are not fully paid. Percentage of loans collected up to the end of June was 31.15 per cent.

COUNTY	No. of Loans		Approved Amount of Loans		Amount 1932 Loans Collected
	1933	1932	1933	1932	
Adams	310	170	$ 47,655	$ 37,857	$ 16,940
Alamosa	29	108	3,980	28,206	*10,707
Arapahoe	172	82	21,100	12,513	3,014
Archuleta	2	24	60	1,379	*781
Baca	465	120	61,685	21,031	5,454
Bent	110	58	12,380	9,869	3,293
Boulder	24	6	3,270	821	138
Chaffee	16	15	1,415	2,226	1,106
Cheyenne	132	115	14,970	21,200	4,085
Clear Creek	----	----	-------	-------	-------
Conejos	113	355	14,885	71,367	*28,244
Costilla	174	174	20,690	20,954	*10,848
Crowley	108	98	15,175	22,710	27,015
Custer	115	72	10,410	9,012	801
Delta	180	98	31,295	14,456	*8,741
Denver	----	2	-------	470	192
Dolores	24	54	2,840	6,183	*2,741
Douglas	62	14	7,525	2,551	586
Eagle	17	21	1,890	2,863	*1,035
Elbert	165	100	17,015	14,661	4,395
El Paso	228	126	27,885	18,656	3,131
Fremont	58	9	4,060	1,046	105
Garfield	111	44	16,760	7,028	*4,110
Gilpin	7	1	550	150	-------
Grand	5	4	630	556	15
Gunnison	6	5	650	938	*314
Hinsdale	----	----	-------	-------	-------
Huerfano	190	43	13,500	5,443	996
Jackson	----	1	-------	208	*------
Jefferson	68	32	5,640	6,304	1,369
Kiowa	182	137	18,650	25,872	3,637
Kit Carson	274	215	27,880	36,849	3,742
Lake	----	----	-------	-------	-------
La Plata	47	108	3,030	11,763	*5,986
Larimer	170	38	29,080	8,590	3,504
Las Animas	277	81	25,010	14,421	9,395
Lincoln	279	242	27,115	42,560	6,519
Logan	273	179	37,085	31,157	8,458
Mesa	226	170	45,495	19,701	*10,448
Mineral	----	----	-------	-------	-------
Moffat	34	47	2,080	4,499	*1,472
Montezuma	97	173	9,260	22,146	*13,224
Montrose	148	66	22,885	11,694	*6,036
Morgan	181	128	28,265	25,475	11,625
Otero	156	34	25,915	6,557	3,969
Ouray	1	7	75	1,614	*401
Park	15	3	795	250	150
Phillips	145	138	21,490	32,460	7,135
Pitkin	6	3	900	222	*222
Prowers	182	173	27,380	30,917	15,262
Pueblo	215	164	30,110	36,438	10,651
Rio Blanco	15	21	1,755	2,431	*1,170
Rio Grande	75	170	15,170	48,364	*21,989
Routt	33	72	2,580	9,508	*4,525
Saguache	46	111	6,180	28,372	*10,484
San Juan	----	----	-------	-------	-------
San Miguel	7	18	715	2,584	*910
Sedgwick	162	212	30,075	51,866	23,185
Summit	----	----	-------	-------	-------
Teller	14	11	1,030	1,230	490
Washington	225	179	33,210	34,072	7,163
Weld	659	341	103,575	72,389	23,146
Yuma	246	219	33,600	41,582	8,296
State	7,281	5,411	$968,305	$996,241	$363,350

*Collections to July 15, 1933. All other collections to June 30, 1933.

FEDERAL SURPLUS RELIEF CORPORATION

The Federal Surplus Relief Corporation was granted a charter by the state of Delaware on October 4, 1933, on which date it began operations as an agency of the federal government. It is a non-profit corporation with no capital stock and the incorporators and members are restricted to persons holding the offices of secretary of agriculture, federal emergency administrator of public works and the federal emergency relief administrator. The primary purpose of the corporation is to assist in relieving the existing national emergency by the purchase, processing and distribution for consumption of agricultural and other products as a means to remove surpluses and improve prices, and to apply these surpluses in the form of foodstuffs, clothing, fuel and otherwise to the relief of hardships and suffering caused by unemployment.

Between the date of organization and March 31, 1934, inclusive, the corporation ordered shipped to Colorado the following commodities:

Salt pork, pounds	1,226,260
Smoked pork, pounds	733,660
Flour, pounds	3,048,780
Beans, pounds	249,960
Butter, pounds	221,310
Lard, pounds	90,000
Cheese, pounds	44,950
Cereal foods, pounds	244,320
Wheat, bushels	5,129
Corn, bushels	30,600
Blankets, number	10,800

CIVIL WORKS ADMINISTRATION

The Civil Works Administration was created by executive order on November 9, 1933, to place at work on socially and economically desirable projects a total of 4,000,000 unemployed men and women in the United States, and the federal emergency relief administration appropriated $400,000,000 for the financing of the plan. A conference of governors, mayors and state and local administrators was held in Washington on November 15 for further explanation of the plan and on November 20, 1933, all persons on work relief rolls were transferred to the pay rolls of the civil works administration. The projects selected were such as could be operated on force account, organized quickly and completed with rapidity. The time limit set on all projects was February 15, 1934. Subsequently the date was extended to the week ending April 5, 1934, at which time the demobilization of forces was completed.

A state civil works administration was set up promptly in Colorado and almost immediately men and women were placed on the pay rolls on a variety of projects. The number of persons employed on civil works projects varied from 165 the opening week to a maximum of 32,940, and total wages earned by those employed in the state through to April 5, 1934, amounted to $6,757,951. The number employed during the weeks ending on the dates named and the amount of wages earned are as follows:

	Number Employed	Wages Earned
November 23, 1933	165	$ 1,485
November 30	5,598	51,846
December 7	14,099	202,162
December 14	23,101	365,279
December 21	28,939	504,538
December 28	30,372	517,660
January 4, 1934	30,119	540,821
January 11	29,742	554,050
January 18	32,691	605,443
January 25	32,354	427,124
February 1	31,851	420,968
February 8	31,913	417,814
February 15	32,940	421,220
February 22	29,092	353,064
March 1	14,872	182,038
March 8	20,874	286,784
March 15	18,574	277,076
March 22	17,001	260,159
March 29	15,520	241,357
April 5	10,852	126,763
Total	....	$6,757,951

FEDERAL EMERGENCY RELIEF

The Federal Emergency Relief Act passed by the 73rd congress was approved May 12, 1933, and the administrator of the act took office on May 22 of that year. The purpose of the act was to enable the federal government to co-operate more effectively with the several states and territories in furnishing relief to their needy and distressed people. Congress provided in the act $500,000,000 to be expended through the states for this purpose.

Due to the enormity of the task, the variety of agencies (federal, state and municipal) employed in providing relief and the wide range of the activities, it is neither possible nor desirable to give here more than a general summary of the part Colorado has taken in the relief program. Prior to the formation of the federal emergency relief administration, federal and local authorities co-operated through other agencies.

During the calendar year of 1933, Colorado had available $6,803,022.74 in public relief funds. Of that amount, local governmental units provided $1,119,217.60, or 16.5 per cent of the total; the state, $10,838.48, or 0.1 per

cent; and the federal government, $5,672,966.66, or 83.4 per cent. Federal funds included loans to the state by the Reconstruction Finance Corporation. The state legislature in special session made provisions for relief funds, but the act was voided by a decision of the supreme court. The sources of public funds for the continental United States during the same period were: local, 25.2 per cent; state, 14.2 per cent; federal, 60.6 per cent.

Obligations incurred for relief in Colorado on account of unemployment, including administration, relief to families, single residents and transients, from all public funds, by months, is as follows:

January-July, 1933	$4,568,343.22
August	404,845.38
September	381,392.23
October	334,000.21
November	404,227.18
December	710,214.52
January, 1934	247,131.43
February	512,956.28
To March 1, 1934	$7,563,110.45

The number of families and the per cent of all families in Colorado receiving unemployment relief from public funds for the months named are as follows:

	Number	Per Cent
August, 1933	27,006	10
September	25,339	9
October	25,186	9
November	26,892	10
December	30,594	11
January, 1934	22,434	8
February	29,938	11

The number of persons receiving unemployment relief from public funds, exclusive of transients, by months, is as follows:

	Members of Families	Non-family Persons	Total
October, 1933	105,478	7,476	112,954
November	112,941	7,988	120,929
December	129,911	8,935	138,846
January, 1934	92,827	7,880	100,707
February	125,378	8,824	134,202

Grants of funds made to the state by the federal emergency relief administration include the following:

May 23 to December 1, 1933	$3,175,858
December	216,192
January, 1934	500,000
February	51,666
March	436,265
To March 31, 1934	$4,379,981

Additional information on relief work of the F.E.R.A. in Colorado will be found in separate chapters under the heads "Civil Works Administration" and "Federal Surplus Relief Corporation."

PUBLIC WORKS ADMINISTRATION: NON-FEDERAL PROJECTS IN COLORADO APPROVED UP TO JANUARY 24, 1934

Note—"L and G" signifies loan and grant, the grant in each case being for 30 per cent of cost of labor and materials employed upon the project; "L" signifies loan only, and "G" signifies grant only.

Location	Type	Key	Allotment
Boulder	Sewer	L and G	$ 72,000
Boulder	Water	G	17,000
Boulder	School	L and G	468,000
Colorado Springs	Water	G	285,000
Denver	Water	L and G	3,500,000
Denver*	Sewer	L and G	2,000,000
Fort Collins	Power	L and G	738,000
Glenwood Springs	Water	G	83,000
Grand Junction	Water	L and G	100,000
Greeley	School	L and G	286,000
Limon	Water	L and G	41,000
Longmont	Water	L and G	190,000
Longmont*	Streets	G	6,000
Louisville	Water	L and G	30,000
Loveland	Water	G	3,800
Manitou	Water	L and G	18,000
Monte Vista	Reservoir	L	300,000
Montrose	Water	L and G	40,000
Olathe	Water	L and G	25,000
Ordway	Water	L and G	90,000
Ouray	Water	L and G	18,000
Pueblo	Hospital	G	92,000
Pueblo	Water	G	16,000
Pueblo	Water	L and G	11,000
State of Colorado	Highway	G	180,000
Windsor	Water	L and G	11,000
Total			$8,620,800

*Subsequently rescinded.

PUBLIC WORKS ADMINISTRATION: FEDERAL PROJECTS IN COLORADO APPROVED UP TO FEBRUARY 15, 1934

City or Locality	Character of Work	Estimated Cost
TREASURY DEPARTMENT:		
Alamosa	Postoffice	$ 67,100
Rocky Ford	Postoffice	66,000
Salida	Postoffice	68,200
Walsenburg	Postoffice	68,200
Lamar	Postoffice	59,400
Denver	Extension to Customs building	870,000
WAR DEPARTMENT:		
Rifle Range	Improvements	3,010
Fort Logan	Construction and repairs	3,922
Fort Logan	Non-Com. officers' quarters	3,087
Fort Logan	Signal corps installation	850
INTERIOR DEPARTMENT:		
State	Land surveys	76,300
State	Rehabilitation of river measurement stations	1,000
State	Plugging of wells drilled for oil or gas on public domain	3,000
Colorado and other states	Fire prevention in coal mines	45,000
State	Topographic and underground water surveys	94,500
Ute Indian reservation	Improving sewer system	2,500
Ute Indian reservation	Roads	30,000
Ute Indian reservation	Remodeling boys' dormitory	45,000
Pine River	Rehabilitation	125,000
Denver	Additional quarters for Reclamation service	20,000
Gunnison county	Construction Taylor Park dam and repair of Gunnison tunnel	2,725,000
Mesa Verde National park	Water development	11,250
Mesa Verde National park	Tanks and pipe line	10,750
Rocky Mountain National park	Construction, improvements, etc. (9 projects)	24,000
Rocky Mountain National park	Fire hazard improvements (3 projects)	10,300
Rocky Mountain National park	Machine shop	25,000
Mesa Verde National park	Repair and stabilization of major ruins	16,500
Mesa Verde National park	Addition to museum	25,000
Black Canon of Gunnison national monument	Grading scenic rim highway	125,000
Rocky Mountain National park	Roads and trails (20 projects)	446,000
Colorado National monument	Roads	100,000
Mesa Verde National park	Roads (2 projects)	42,010
Mesa Verde National park	North-south highway (2 projects)	23,000
Rocky Mountain National park	Fall River road improvements	22,000
DEPARTMENT OF AGRICULTURE:		
National forests	Physical improvements	398,393
National forests	Highways	1,217,346
National forests	Roads and trails	274,000
Akron	Repairs (5 projects)	2,500
Fort Collins	Improvements (3 projects)	1,080
Greeley	Reconditioning houses (3 projects)	5,650
State	Grants to state highway department	6,979,218
State	Public land highways	176,751
DEPARTMENT OF COMMERCE:		
Airways	Improvement of ground facilities	200
State	Triangulation, levels, etc. (2 projects)	52,630
Total federal projects		$14,365,647

PUBLIC WORKS ADMINISTRATION

The public works administration was created under the national industrial recovery act, which was approved by the president on June 16, 1933. The purpose of this act was to encourage industrial recovery, to foster fair competition, and to provide for the construction of certain useful public works, and for other purposes. A temporary organization for the inauguration of the public works program was set up in Washington. State committees were formed to gather preliminary data on proposed projects and these were turned over to the permanent organization as soon as it was completed. Harold L. Ickes, secretary of the interior, was appointed federal emergency administrator of public works on July 8, 1933, and O. L. Chapman, of Colorado, assistant secretary of the interior, who served as executive secretary of the temporary federal board, continued in that capacity in the permanent organization. George M. Bull, of Denver, was appointed PWA engineer for Colorado on August 12, 1933.

Eighty-five federal projects in Colorado had been approved up to and including February 15, 1934, the estimated cost being $14,365,647. These included the construction of post offices, the building of highways in the national parks and monuments, on the public domain and in the national forests, repairing and improving government property on Indian reservation property, under control of the national guard and other departments, the making of land surveys, topographical work and building of numerous facilities for regular governmental agencies, highway grants to the state and other purposes.

Twenty-six non-federal projects, for which $8,620,000 was alloted, had been approved up to and including January 24, 1934. These consisted mostly of water, sewer, school and power projects for which allotments were made to various cities and towns.

Two tables published herewith give location, character of work and estimated cost or allotments approved for federal and non-federal projects.

There were 64 non-federal projects pending in Washington on January 10, 1934, for which loans amounting to $21,997,955 had been requested. Most of these also carried requests for grants amounting to 30 per cent of the cost. Final action had not been taken on these on the date named. These included drainage tunnels for Cripple Creek and Leadville, an ore plant at Grand Junction, a railroad, sewer for Denver, an ore market at Denver, and an irrigation project, all of which would cost in excess of $1,000,000 each, and numerous smaller projects for cities and towns.

There were 65 projects in the state engineer's office at Denver for investigation at the close of 1933 which are not included in the above lists. Loans for these projects, exclusive of grants, to the amount of $11,151,942, had been requested. Some of the requests included in these are for projects which are not eligible for loans under the recovery act.

There was pending before the housing division on February 15, 1934, an application for a loan of $356,000 for a Denver municipal housing project.

U. S. INTERNAL REVENUE

United States internal revenue from taxes on incomes and miscellaneous taxes is collected through the commissioner of internal revenue of the treasury department. The country is divided into districts with a collector of internal revenue in charge of each district. The Colorado district is co-extensive with the state of Colorado and the collector's office is at Denver. Tax receipts are credited to the districts in which collections are made. The receipts do not indicate the total tax burden of the respective districts, since the taxes may be eventually borne by persons and corporations in other districts. Laws imposing taxes on business and incomes and the rates of taxation are subject to frequent changes by congressional action and for that reason yearly figures are not strictly comparable.

Internal revenue collections in Colorado during the 13 years ending June 30, 1933, vary from a maximum of $34,214,956 in 1921 to a minimum of $5,394,271 in 1932. The state has 0.84 per cent of the total population, including Alaska, Hawaii and the Philippine Islands. The state's proportion of total revenue collected in 1933, which is typical of other years, was 0.35 per cent.

Total revenue receipts from all sources for the Colorado district by fiscal years ending June 30 are as follows:

Year	Amount
1921	$34,214,956
1922	19,956,650
1923	15,988,678
1924	15,228,016
1925	14,215,162
1926	14,830,350
1927	13,473,226
1928	11,879,300
1929	11,539,236
1930	12,468,450
1931	15,667,230
1932	5,394,271
1933	5,704,332

The largest proportion of internal revenue from Colorado comes from taxes on the incomes of individuals, partnerships and corporations. In the fiscal year ending June 30, 1933, income taxes amounted to 67 per cent of the total, which compares with 95.4 per cent in 1932 and 97.5 per cent in 1930.

Income-tax receipts for the Colorado district, by fiscal years, are as follows:

Year	Corporation	Individual	Total
1921	.....	.....	$25,085.243
1922	.....	.....	14,545,633
1923	.....	.....	10,920,851
1924	.....	.....	11,543,616
1925	$7,595,438	$4,145,230	11,740,668
1926	7,740,854	4,234,848	11,975,702
1927	8,969,799	3,686,845	12,656,644
1928	7,923,577	3,528,993	11,452,570
1929	6,831,459	4,206,231	11,037,690
1930	7,835,966	4,212,450	12,048,416
1931	11,935,132	3,337,149	15,272,281
1932	3,081,692	2,066,217	5,147,909
1933	2,034,444	1,790,873	3,825,317

A table published herewith shows the sources of internal revenue from Colorado for the fiscal years ending June 30, 1933, 1932, 1931, 1929 and 1921. The largest item for 1933 other than from incomes is the two-cent tax on checks, which amounted to $362,-123. Another table gives the number of each class of special taxpayers for the fiscal years of 1927 to 1933, inclusive. This table shows an increase of 1,610 in the number of special taxpayers in 1933, this increase being due principally to the repeal of the prohibition amendment to the federal constitution and the issuance of licenses to dealers in distilled spirits and fermented malt liquors.

The foregoing data are taken from reports covering taxes collected for fiscal years ending June 30. Statistics of income, which are compiled from income tax returns, cover data for calendar years and reveal the net incomes of individuals and corporations making returns, sources of revenue and other data not disclosed in the annual reports.

The largest number of individual income tax returns filed in Colorado in any calendar year since 1915 was in 1920, when 74,198 individuals reported an aggregate net income of $219,277,-184. In subsequent years up to and including 1931 the tendency was downward both in the number of persons making returns and their aggregate net income, the number of returns in 1931 being 25,279 and the net income $96,661,700. That was a decrease of $122,615,484, or 55.9 per cent, in 1931 as compared with 1920. The average net income per return in 1920 was $2,955 and as the number of individuals reporting a net income decreased in subsequent years, the average rose. In 1931 the average was $3,824.

A table published herewith shows the number of individual returns, the total and average net income and the total and average tax for calendar years 1916 to 1931, inclusive.

The gross income (income before deductions are made) of individuals in 1931 was $119,651,000. Of that amount, $53,118,000, or 44.3 per cent, came from wages and salaries. Dividends on stocks of domestic corporations came next, supplying $20,107,000 of the gross income, or 16.8 per cent. Business accounted for $17,850.00, or 14.8 per cent, and interest for $12,441,000, or 10.4 per cent of all income. The largest decrease in income in 1931 from income in 1929 was in profit from the sale of real estate, stocks, bonds, etc., amounting to 87.4 per cent. An accompanying table shows the sources of income and deductions allowed by law for the calendar years of 1931, 1930 and 1929 and the percentage of decrease in 1931 from 1929.

Another table shows number of individual returns in Colorado, with net income, by sex and family relationship and per cent of population filing returns, and average net income, with comparisons with the United States as a whole, for 1931, 1930 and 1929.

There were apparently 64 millionaires in Colorado in 1931, which compares with 110 in 1930 and 181 in 1929. The commonly accepted practice is to estimate a person's wealth on the basis of five per cent income. On that basis a person with an income of $50,-000 is worth $1,000,000. The 64 persons in Colorado who had an income of $50,000 or more in 1931 reported an aggregate net income of $7,193,004, or an average of $112,391 for the year. This compares with an aggregate net income of $12,633,001 for 110 apparent millionaires in 1930 and $18,993,049 for 181 persons in that class in 1929. Only

one individual in Colorado reported an income of $400,000 or more in 1931, against three in 1930 and five in 1929. The distribution of income by amounts for the calendar years of 1931, 1930 and 1929 is shown in a table published herewith. It shows that 53.1 per cent of the total net income of Colorado individuals in 1931 was reported by persons with incomes under $5,000.

Corporation income taxes collected in Colorado in the fiscal year ending June 30, 1933, amounted to $2,034,444, or 35.7 per cent of all internal revenue for that year. The amount of corporation income taxes in 1933 was the minimum collected over a period of nine years, the maximum being $11,935,132 in 1931.

Reports for calendar years show that in 1931 the number of corporations making returns was 7,205, of which 2,359 showed net incomes, 3,355 reported deficits and 1,491 were inactive corporations reporting no income data. The 2,359 corporations which reported a profit in 1931 had a gross income of $284,298,000, the smallest in a period of 16 years. The maximum gross income was reported in 1928, when 3,342 corporations did a gross business of $941,131,878. Net income for the 16 years also established a new low in 1931 in which year the profit of the corporations amounted to $18,442,088, which compares with $79,287,797 in 1919. The 3,358 corporations which reported no net income in 1931 did a gross business of $366,998,000 and had a deficit of $40,802,136. While the deficit in 1931 was the largest reported by the corporations in 16 years, with one exception, it was only 30 per cent of the loss reported by 4,219 corporations in 1921, in which year the deficit was $134,544,456.

A table published herewith shows the number of corporations reporting returns, the gross income and net income of those showing a profit and the gross income and deficit of those showing a loss, for the years 1916 to 1931, inclusive.

Another table gives the number of returns and net income of corporations reporting a net income and the number of returns and deficit of corporations showing no net income by major industrial groups for 1929, 1930 and 1931.

There were 63 estate-tax returns filed in Colorado by resident descendants in 1931, the aggregate gross estate amounting to $8,806,000. Of these, 45 reported a gross estate of $7,727,000, which was subject to a tax of $18,882, and 18 reported a gross estate of $2,079,000 not subject to any tax.

In 1930 there were 56 returns of estates of resident descendants, the aggregate gross estate amounting to $16,351,795. Of these, 33, with a gross estate of $12,538,205, were subject to $247,738 tax, and 23, with a gross estate of $3,813,590, were not subject to a tax.

In 1929 there were 52 returns of estates of resident decedents, the aggregate gross estate amounting to $23,487,394. Of these, 43, with a gross estate of $22,065,382, were subject to $750,134 tax, and nine, with a gross estate of $1,422,012, were not subject to a tax.

INDIVIDUAL FEDERAL INCOME TAX RETURNS FOR COLORADO BY CALENDAR YEARS

(Compiled from U. S. Internal Revenue Reports)

YEAR	Number Returns	Net Income		Tax	
		Total	Average	Total	Average
1916	4,435	$ 53,854,130	$12,143	$ 1,055,758	$238
1917	40,627	137,853,875	3,393	5,184,948	128
1918	54,160	159,487,951	2,945	5,844,925	108
1919	57,256	191,001,999	3,320	7,196,593	125
1920	74,198	219,277,184	2,955	6,766,900	91
1921	69,676	174,490,980	2,504	3,862,862	55
1922	67,463	184,572,407	2,736	4,869,555	72
1923	72,366	200,572,724	2,772	3,267,732	45
1924	73,350	205,087,973	2,796	3,162,736	43
1925	35,808	150,363,411	4,199	2,840,926	79
1926	35,110	154,804,655	4,409	2,959,248	84
1927	31,727	148,473,486	4,680	3,307,180	104
1928	31,091	158,931,875	5,112	4,459,057	143
1929	31,268	158,751,528	5,077	3,534,404	113
1930	28,986	125,795,609	4,340	2,439,796	84
1931	25,279	96,661,700	3,824	1,378,043	55

Note.—Changes in the revenue acts affect the comparability of the above figures.

NUMBER OF EACH CLASS OF SPECIAL TAXPAYERS IN COLORADO

(For fiscal years ending June 30)

Class	1933	1932	1931	1930	1929	1928	1927
Distilled Spirits:							
Retail dealers	468	36	36	31	28	30	20
Wholesale dealers	12	6	6	4	4	4	2
Fermented Malt Liquors:							
Brewers	4	---	---	---	---	---	---
Wholesale dealers	135	---	---	---	---	---	---
Retail dealers	1,676	---	---	---	---	---	---
Oleomargarine:							
Manufacturers	2	1	2	2	2	1	1
Wholesale dealers	6	11	24	24	25	23	21
Retail dealers	1,210	1,762	2,087	2,502	2,461	2,363	2,611
Mixed flour manufacturers	1	1	1	1	1	1	1
Opium, Cocoa, Etc.:							
Wholesale dealers	33	35	30	43	37	38	64
Retail dealers	472	561	539	494	525	510	905
Practitioners, hospitals, etc.	1,682	1,690	1,818	1,965	1,811	1,706	3,146
Dealers in untaxed narcotics	78	66	67	92	96	105	150
Totals	5,779	4,169	4,610	5,158	4,990	4,781	6,921

SOURCES OF INDIVIDUAL INCOMES FOR COLORADO BY CALENDAR YEARS

(Compiled from Federal Income Tax Returns)

Sources of Income and Deductions	1931	Per Cent Decrease 1931-1929	1930	1929
Income:				
Wages and salaries	$ 53,118,000	22.5	$ 60,566,933	$ 68,499,794
Business	17,850,000	47.7	25,349,985	34,136,489
Partnerships	5,425,000	46.7	7,282,699	10,173,444
Profit from sale of real estate, stocks, bonds, etc.	1,917,000	87.4	4,567,027	15,221,025
Capital net gain from sale of assets held more than two years	757,000	78.2	2,096,124	3,466,098
Rents and royalties	6,187,000	33.3	7,570,604	9,275,488
Interest on government obligations not wholly exempt from tax	263,000	30.6	358,799	379,105
Dividends on stocks of domestic corporations	20,107,000	35.5	26,676,642	31,178,737
Fiduciary	1,586,000	17.6	2,047,141	1,925,385
Interest and other income	12,441,000	27.0	14,706,272	17,048,729
Total income	$119,651,000	37.5	$151,222,226	$191,304,294
Deductions:				
Net loss from sale of real estate, stocks, bonds, etc.	$ 5,570,000	+30.1	$ 6,329,973	$ 4,282,108
Net loss from business and partnership	1,380,000	---	1,115,477	---
Contributions	2,009,000	43.2	2,353,671	2,876,721
All others (includes taxes and interest paid)	14,030,000	44.8	15,627,496	25,393,937
Total deductions	$ 22,989,000	29.4	$ 25,426,617	$ 32,552,766
Net income	$ 96,662,000	39.1	$125,795,609	$158,751,528

+Increase.

SOURCES OF INTERNAL REVENUE FROM COLORADO, BY FISCAL YEARS ENDING JUNE 30

(Compiled from Reports of Commissioner of Internal Revenue)

Note.—Changes in internal revenue laws from time to time prevent the figures for any one year being comparable with other years. Important changes were made by Congress in 1933, designating new objects for taxation as well as increases in some items and extending the repeal dates for certain laws enacted in 1932. In the following table classifications of sources of revenue may be similar for different years, but made under different laws and the classifications shown are those reported by the Commissioner of Internal Revenue for the years named.

Sources	1933	1932	1931	1929	1921
Income, individuals, partnerships and corporations	$ 3,825,317	$ 5,147,909	$15,272,280	$11,037,690	$25,085,242
Estates, transfer of, gifts	34,022	82,167	193,975	150,095	2,210,595
Distilled spirits and alcoholic beverages	31,348	17,552	17,238	25,457	20,974
Non-intoxicating liquors (Act of March 22, 1933	257,073				
Tobacco and tobacco manufactures	5,251	7,471	14,544	25,284	271,071
Oleomargarine and adulterated butter	10,022	13,497	19,216	24,449	26,091
Documentary Stamp taxes:					
Revenue stamps sold by postmasters					254,102
Issues and transfers of bonds, stocks, conveyances, etc.	85,992	44,618	55,851	99,918	250,681
Capital stock transfers	14,524	6,840	5,987	15,126	35,611
Miscellaneous	1,406	478	652	1,040	15,075
Transportation					2,001,702
Telegraph and telephone					599,927
Insurance					47,553
Manufacturers' excise tax:					
Autos, tires, trucks, accessories, etc.					184,198
Candy					188,786
Miscellaneous					30,309
Lubricating oils	65,018				
Tires	136,037				
Inner tubes	38,771				
Toilet preparations	3,840				
Furs	2,908				
Jewelry, etc.	5,508				
Auto. truck chassis and bodies, parts and accessories	16,088				
Sporting goods	1,369				
Candy	16,720				
Soft drinks	14,307				
Electrical energy	271,360				
Gasoline	91,712				
Miscellaneous	88				
Telegraph, telephone and radio facilities	221,604				
Transportation of oil by pipe line	23,637				
Leases of safe deposit boxes	18,429				
Checks, etc.	362,123				
Consumers' and dealers' excise tax:					
Sculptures, paintings, etc.					5,197
Carpets, trunks, wearing apparel, etc.					221,902
Watches, clocks, jewelry, etc.					201,998
Perfumes, cosmetics, medicinal, etc.					80,370
Non-alcoholic beverages					428,892
Narcotics	5,287	4,188	6,069	5,578	15,267
Corporation capital stock tax					804,134
Stock and produce brokers					19,554
Theaters, museums, circuses, bowling alleys, etc.					90,619
Admissions to theaters, etc., club dues, initiation fees	143,154	66,235	78,300	80,627	1,106,057
Miscellaneous	1,417	3,316	3,118	73,972	19,049
Total, all sources	$ 5,704,332	$ 5,394,271	$15,667,230	$11,539,256	$34,214,956

INDIVIDUAL INCOMES: NUMBER RETURNS, NET INCOMES BY SEX AND FAMILY RELATIONSHIP FOR COLORADO, BY YEARS

(Compiled from Federal Income Tax Returns)

	1931		1930		1929	
	Number of Returns	Net Income	Number of Returns	Net Income	Number of Returns	Net Income
Joint returns of husbands and wives	14,215	$ 63,176,000	16,092	$ 82,811,758	17,656	$105,447,250
Single men—heads of families	1,842	5,561,000	2,016	7,100,365	2,253	8,755,738
Single women — heads of families	585	2,364,000	730	3,069,132	814	3,744,157
Single men—not heads of families	5,559	13,578,000	6,571	17,593,351	6,892	21,528,213
Single women — not heads of families	2,532	8,663,000	2,909	10,515,389	2,925	11,896,278
Wives filing separate returns from husband	546	3,320,000	668	4,705,614	728	7,379,892
Total	25,279	$ 96,662,000	28,986	$125,795,609	31,268	$158,751,528
Per cent of population filing returns	2.44		2.80		3.02	
Per cent of income for U. S.		0.71		0.78		0.64
Average net income per return for Colorado		$ 3,824.26		$ 4,339.87		$ 5,077.12
Average net income per return for U. S.		4,217.39		4,887.01		6,132.22

CORPORATION INCOME RETURNS FOR THE COLORADO DISTRICT BY YEARS

(Compiled from U. S. Internal Revenue Reports)

YEAR	Corporations Reporting Net Income			Corporations Reporting No Net Income		
	No. of Returns	Gross Income	Net Income	No. of Returns	Gross Income	Deficit
1916	2,986	$238,993,105	$ 57,043,218	4,493	$ 42,771,522	$ 13,040,522
1917	3,539	673,894,965	96,761,318	4,079	48,956,851	12,506,521
1918	3,273	654,000,372	74,209,860	3,897	79,061,007	11,030,270
1919	3,107	807,999,998	79,287,797	3,597	165,788,176	16,828,247
1920	2,976	870,395,990	66,034,834	3,836	173,583,367	18,021,558
1921	2,340	486,204,976	34,041,045	4,219	318,578,783	134,544,456
1922	2,720	664,017,735	55,835,080	4,135	178,570,909	29,747,821
1923	2,636	686,561,409	60,490,802	3,708	175,895,200	25,414,654
1924	2,891	707,149,477	60,846,149	3,603	180,972,193	26,209,210
1925	2,983	821,001,998	60,448,005	3,416	161,788,373	26,159,041
1926	3,071	853,411,805	62,872,037	3,509	182,200,330	21,333,038
1927	3,144	745,766,162	47,758,479	2,291	292,356,251	27,717,330
1928	3,342	941,131,878	59,932,477	2,313	147,987,789	17,102,817
1929	3,311	738,303,447	52,349,386	2,474	200,275,469	21,166,262
1930	2,941	446,515,076	30,943,420	2,845	364,806,285	28,736,849
1931	2,359	284,298,000	18,442,088	3,355	366,998,000	40,802,136

Note.—Changes in the revenue acts affect the comparability of statistical data from income tax returns of corporations. Gross income in 1916 represents gross profit and does not include the cost of goods, as in later years. For 1916-1924, inclusive, gross income is incomplete, due to gross operating revenue of railroads and other public utilities not being completely tabulated. In all years excepting 1918, dividends received from stock of domestic corporations are included in gross income.

CORPORATION INCOME RETURNS IN COLORADO BY MAJOR INDUSTRIAL GROUPS

(Compiled from U. S. Internal Revenue Reports)

GROUP	Total Number of Returns	Returns Showing Net Income		Returns Showing No Net Income		Number Returns Showing No Income Data—Inactive
		Number	Net Income	Number	Deficit	
Agriculture and related industries:						
1929	384	174	$ 804,239	156	$ 1,541,702	54
1930	368	130	299,522	202	2,397,093	36
1931	356	86	172,031	233	2,933,766	37
Mining and Quarrying:						
1929	1,042	169	6,997,848	368	5,881,677	505
1930	996	168	3,853,005	346	4,514,288	482
1931	993	132	2,090,399	380	10,783,017	481
Manufacturing:						
Food products, beverages and tobacco:						
1929	195	126	8,276,270	62	947,210	7
1930	196	114	1,215,007	71	6,197,300	11
1931	190	77	345,200	104	5,565,366	9
Textiles and their products:						
1929	38	18	125,449	20	113,938	--
1930	38	9	10,793	28	256,938	1
1931	37	5	19,321	28	266,558	4
Leather and its manufactures:						
1929	12	5	15,736	7	23,333	--
1930	12	3	5,513	9	30,245	--
1931	10	1	719	9	190,151	--
Rubber products:						
1929	5	3	557,299	2	915	--
1930	6	1	*	3	15,833	2
1931	2	2	197,302	--	--------	--
Forest products:						
1929	37	14	30,606	15	287,306	8
1930	40	12	80,807	21	392,508	7
1931	31	9	21,934	21	284,909	1
Paper, pulp, and products:						
1929	6	3	32,797	3	11,299	--
1930	5	3	42,060	2	*	--
1931	6	3	21,782	3	46,969	--
Printing, publishing and allied industries:						
1929	110	65	2,556,434	36	91,784	9
1930	118	65	2,193,255	44	100,111	9
1931	115	46	1,956,818	60	223,749	9
Chemical and allied products:						
1929	71	32	394,057	27	77,069	12
1930	72	37	330,245	28	94,091	7
1931	71	19	182,210	39	149,057	13
Stone, clay and glass products:						
1929	53	26	2,237,391	21	96,980	6
1930	54	25	2,276,572	22	154,981	7
1931	47	17	693,825	23	161,029	7
Metal and its products:						
1929	133	66	897,069	51	317,660	16
1930	147	60	555,244	75	655,822	12
1931	131	34	193,168	84	614,822	13

*Grouped with other states to conceal identity of taxpayer.

CORPORATION INCOME RETURNS IN COLORADO BY MAJOR INDUSTRIAL GROUPS —Continued

(Compiled from U. S. Internal Revenue Reports)

GROUP	Total Number of Returns	Returns Showing Net Income		Returns Showing No Net Income		Number Returns Showing No Income Data—Inactive
		Number	Net Income	Number	Deficit	
Not elsewhere classified:						
1929	81	37	$ 106,740	29	$ 171,636	15
1930	70	20	85,663	31	200,019	19
1931	83	17	95,249	43	301,701	23
Construction:						
1929	129	56	253,743	49	429,123	24
1930	131	58	221,063	55	340,848	18
1931	123	49	410,791	56	260,950	18
Transportation and other public utilities:						
1929	259	114	13,619,189	95	958,439	50
1930	266	122	8,975,659	100	1,168,239	44
1931	253	100	5,804,479	117	1,567,732	36
Trade:						
1929	1,822	1,087	7,641,572	679	5,043,723	56
1930	1,779	893	4,510,199	832	4,983,001	54
1931	1,823	683	2,555,664	1,073	6,922,860	67
Service: Professional, amusements, hotels, etc.						
1929	585	285	1,245,857	193	1,012,437	107
1930	628	269	957,284	244	888,154	115
1931	630	234	592,791	254	1,211,145	142
Banking, insurance, real estate and holding companies, stock and bond brokers, etc.:						
1929	1,925	1,008	6,537,387	639	4,094,722	278
1930	1,885	942	5,033,487	705	6,238,880	238
1931	1,874	827	3,075,631	790	9,209,473	257
Nature of business not given:						
1929	430	23	19,703	22	65,309	385
1930	446	10	21,555	27	75,331	409
1931	430	18	12,774	38	108,882	374
Total, State:						
1929	7,317	3,311	$52,349,386	2,474	$21,166,262	1,532
1930	7,257	2,941	30,943,420	2,845	28,736,849	1,471
1931	7,205	2,359	18,442,088	3,355	40,802,136	1,491

INDIVIDUAL NET INCOMES IN COLORADO, DISTRIBUTED AS TO AMOUNTS

(Compiled from Federal Income Tax Returns)

Income in Thousands of Dollars	1931		1930		1929	
	Number of Returns	Net Income	Number of Returns	Net Income	Number of Returns	Net Income
Under 5	21,104	$ 51,365,381	23,191	$ 59,332,858	23,595	$ 63,216,228
5 under 10	3,065	20,566,355	4,140	27,870,870	5,123	34,788,933
10 under 25	918	13,203,029	1,354	19,522,249	1,990	28,885,355
25 under 50	128	4,333,888	191	6,436,631	379	12,867,963
50 under 100	44	2,935,888	74	4,881,664	129	8,573,461
100 under 150	7	868,798	17	2,066,602	30	3,543,260
150 under 200	7	1,191,208	6	1,057,353	7	1,152,403
200 under 250	2	*	5	1,145,907	3	638,187
250 under 400	3	1,136,831	5	1,812,490	7	1,986,485
400 under 500	----	--------	2	*	2	842,565
500 under 750	1	*	----	--------	2	*
750 under 1,000	----	--------	1	*	1	*
Total	25,279	$ 96,661,700	28,986	$125,795,609	31,268	$158,751,528

*Classes grouped to conceal identity and amount of income of individuals. Income of grouped classes in 1931 was $1,060,322; in 1930 was $1,668,985, and in 1929 was $2,256,688.

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. A private mint was formally opened in Denver on June 20, 1860, by the banking firm of Clark, Gruber & Company in which gold coins of the $10 and $20 sizes, made of pure gold, and of greater intrinsic value than corresponding United States coins, were minted. In the following year coins of these denominations and $2.50 and $5 gold pieces containing alloy, but with one per cent more gold than government coins, were produced. More than $3,000,000 in gold coins were minted in this establishment. Under a congressional act approved by the president on April 21, 1862, the government prohibited the private coinage of money, authorized the establishment of a branch mint at Denver and the purchase of the Clark, Gruber & Company mint. The minting machinery of the private concern is now in the collection of the State Historical society. The firm acted entirely within its legal rights at the time and its operations were of great benefit in establishing a circulating medium in the territory.

The Denver mint was completed in 1905 and the treasury department took possession and occupied it in September of that year. The coinage of money began in 1906. Total investment, including equipment, machinery, etc., is approximately $4,000,000, of which $60,000 was for the site and $812,679 was for the building.

Electrolytic refineries for refining gold and silver are operated at the Denver and San Francisco mints and at the New York assay office. The Denver mint had 71 employes on June 30, 1933. The gross income of the mint for the fiscal year was $232,091 and gross expenses were $167,342.

Paper money is not produced at the Denver mint, its output consisting entirely of coin. Bullion is received not only from the principal mining states in this country but from several foreign countries. Gold and silver for minting also are obtained from 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, 1933, aggregate 957,262,080 pieces of a total value of $452,025,675.

Denominations, value and number of pieces manufactured during this period were as follows:

	Value	Pieces
Double eagles	$262,160,000	13,108,000
Eagles	59,092,800	5,909,280
Half eagles	26,463,300	5,292,660
Quarter eagles	2,704,200	1,081,680
Dollars	45,836,600	45,836,600
Half dollars	13,683,880	27,367,760
Quarter dollars	15,925,500	63,702,000
Dimes	15,150,380	151,503,800
Nickels	5,718,015	114,360,300
Cents	5,291,000	529,100,000
Totals	$452,025,675	957,262,080

The mints of the United States have produced since the first mint was established in Philadelphia in 1793 down to the end of 1932 a total of 11,651,283,101 pieces of money of a total value of $6,082,396,106.

The value and number of pieces manufactured in the Denver mint vary from year to year in accordance with the demand. The last gold coins minted consisted of 106,500 double eagles in 1931. All gold coins were withdrawn from circulation in 1934 by the government and their minting was discontinued under a change in the monetary system. The use of one-cent bronze pieces has increased steadily since the close of the world war and 529,100,000 pieces of that denomination have been coined at the Denver mint since it began operations. In 1932 there were 436,800 quarter dollars of a new design minted to commemorate the bicentennial celebration of the birth of George Washington. In 1933 there were 5,441 Oregon Trail half dollars minted.

Coinage for calendar years beginning with 1927 are as follows:

1927	Value	Pieces
Double eagles	$3,600,000	180,000
Standard silver dollars	1,268,900	1,268,900
Quarter dollars	244,100	976,400
Dimes	481,200	4,812,000
Nickels	286,500	5,730,000
Cents	271,700	27,170,000
Totals	$6,152,400	40,137,300

1928		
Quarter dollars	$ 406,900	1,627,600
Dimes	416,100	4,161,000
Nickels	321,800	6,436,000
Cents	311,700	31,170,000
Totals	$1,456,500	43,394,600

1929		
Half dollars	$ 500,600	1,001,200
Quarter dollars	339,500	1,358,000
Dimes	503,400	5,034,000
Nickels	418,500	8,370,000
Cents	417,300	4,173,000
Totals	$2,179,300	19,936,200

1930		
Cents	$ 401,000	40,100,000
1931		
Double eagles	$2,130,000	106,500
Dimes	126,000	1,260,000
Cents	44,800	4,480,000
Totals	$2,300,800	5,846,500
1932		
Quarter dollars	$ 109,200	436,800
Cents	105,000	10,500,000
Totals	$ 214,200	10,936,800
1933		
Half dollars	$ 2,720	5,440
Cents	62,000	6,200,000
Totals	$ 64,720	6,205,440

The annual inventory of the Denver mint as of June 30, 1934, showed $717,112,861.75 on hand in coin and bullion distributed as follows:

Gold coin	$311,152,827.84
Gold bullion	342,918,705.95
Silver coin	56,579,973.60
Silver bullion	6,272,688.36
Five-cent pieces	106,855.00
Pennies	81,811.00
Total	$717,112,861.75

FEDERAL COURTS IN COLORADO

The state comprises a federal judicial district known as the District of Colorado. Headquarters are in the Postoffice building, Denver. J. Foster Symes, of Denver, appointed in 1922, is district judge. His salary is $10,000 per year. The clerk of the court is Charles W. Bishop. Thomas J. Morrissey is district attorney and C. A. Patton is marshal.

The court has sittings in Denver, Pueblo, Montrose, Grand Junction, Durango and Sterling. Dates for the beginning of terms of the court are as follows:

Denver, first Tuesday in May and first Tuesday in November.

Pueblo, first Tuesday in April.

Montrose, third Tuesday in September.

Grand Junction, second Tuesday in September.

Durango, fourth Tuesday in September.

Sterling, second Monday in June.

Terms of court at Denver, Pueblo and Montrose are fixed by statute. Sessions at Grand Junction, Durango, and Sterling are not necessary unless there is sufficient business upon the docket to justify them.

Denver is headquarters for the United States circuit court of appeals for the tenth circuit, which embraces Colorado, Wyoming, Kansas, Oklahoma, Utah and New Mexico. This circuit was created by congress in 1929 out of the eighth circuit, in which Colorado formerly was included. Four judges for the court are Robert E. Lewis, of Denver, presiding judge; Orie L. Phillips, of Denver; Sam G. Bratton, Albuquerque, N. M.; and George T. McDermott, of Topeka, Kan. Albert Trego is clerk of the court and H. A. McIntyre, deputy.

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

The sittings of the court are as follows: Second Monday in January at Oklahoma City, second Monday in April at Wichita, and second Monday in September at Denver.

REPRESENTATIVES OF FOREIGN GOVERNMENTS

Belgium—Jean Mignolet, consul general, 2549 Birch St., Denver.

Bulgaria—See Greece.

Denmark—W. C. Hansen, vice-consul, 329 Sixteenth St., Denver.

France—E. B. Renaud, consular agent, 1158 Marion St., Denver.

Germany—William Godel, consul, American National bank, Denver.

Great Britain—Temporary vacancy.

Greece—Nikias C. Calogeras, vice consul, 525 University Bldg., Denver. Represents Bulgaria and Macedonia.

Hungary—Coleman Jonas, vice consul, 1037 Broadway, Denver.

Italy—Louis Gabriel Asinari Sigray Di San Marzano, 812 Patterson Bldg., Denver.

Japan—Representative, Japanese Society, 417 Barclay Bldg., 18th and Larimer Sts., Denver.

Macedonia—See Greece.

Mexico—M. G. Calderon, consul, 402 Mercantile Bldg., Denver.

Netherland—G. J. Rollandet, consul, 919 Security Bldg., Denver.

Switzerland—Paul Weiss, consul, 307 American National Bank Bldg., Denver.

NARCOTIC LAW OPERATIONS

All persons in the United States handling habit-forming drugs are required by the provisions of the Harrison narcotic law to obtain licenses. This gives the bureau of narcotics, in the United States treasury department, which now is in charge of narcotic activities, a close check on all operations in that business.

The enforcement of the law in Colorado is under the supervision of division headquarters at Denver, the division comprising Colorado, Utah, Wyoming, Arizona and New Mexico.

Registrations in Colorado under the act during the fiscal years ending on June 30 were as follows:

1924	2,513
1925	4,423
1926	4,832
1927	4,199
1928	3,595
1929	4,557
1930	4,680
1931	4,419
1932	4,432
1933	4,077

Distribution of permits in years 1930 to 1933, inclusive, is as follows:

Dealers:	1933	1932	1931	1930
Wholesale	29	32	32	24
Retail	496	504	499	513
Class 4*	1,648	1,665	1,665	1,797
Class 5 (a)	1,904	2,231	2,223	2,346
Totals	4,077	4,432	4,419	4,680

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

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

	Ounces	Grains
1924	128	...
1925	61	19
1926	19	293
1927	36	146
1928	133	213
1929	45	191
1930	26	417
1931	13	371
1932	10	77
1933	3	16

Convictions, aggregate sentences and fines imposed for violations of the narcotic laws by fiscal years are as follows:

	Number Convictions	Aggregate Sentences, Years	Fines Imposed
1924	51	27	$ 2,215
1925	104	78	17,875
1926	56	27	9,400
1927	49	22	1,385
1928	46	58	275
1929	43	53	....
1931	36	81	100
1932	29	35	500
1933	21	23	1,500

FITZSIMONS GENERAL HOSPITAL

One of the seven general hospitals of the United States army is located at Aurora, near the eastern city limits of Denver, known as the Fitzsimons General hospital. The plant is located upon a tract of 600 acres and comprises 160 buildings, with a total bed capacity of 1,832. When constructed in 1918 it was intended primarily for the treatment of tuberculosis, but of late years the need for such specialization has gradually decreased and at present 40 per cent of the patients are of a general medical and surgical nature. The daily average number of patients is approximately 1,200. The average personnel employed is as follows: Medical officers, 48; dental officers, 4; quartermaster officers, 3; finance officers, 1; medical administrative officers, 6; chaplains, 2; internes with the grade of first lieutenant, medical corps reserve, 10; army nurse corps, 128; warrant officers, 3; enlisted men of the medical department, quartermaster corps, finance department and signal corps, 345; and civilian employes, 510. The average cost per year for operation and maintenance is $2,250,000. Total investment is in excess of $10,000,000.

VETERANS' HOSPITAL

Veterans' Administration Facility No. 80 is located seven miles northeast of Las Animas, in Bent County, at Fort Lyon, Colorado.

The hospital formerly was owned by the United States navy department and was operated as a naval hospital for tuberculosis. At the close of the world war it was transferred to the United States Veterans' bureau and is now operated by the Veterans' Administration, Washington, D. C., in connection with the hospitalization of male veterans of any war, occupation or expedition.

The site comprises a square mile of ground and the numerous buildings cover 60 acres. The grounds are attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately $3,000,000. The hospital has a manager, ten medical officers, and a total of 369 employes, with a bed capacity of 699.

On February 9, 1931, a building of modern construction, costing approximately $300,000, was opened for the treatment of neuropsychiatric diseases. A new clinical building, to accommodate 200 patients, together with addi-

tional mess facilities, was opened for the reception of patients May 1, 1934.

During the fiscal year ending June 1, 1934, there were 573 patients admitted to the hospital, 377 discharged, and 481 remained at the end of the year.

FORT LOGAN MILITARY POST

The only army post in Colorado is Fort Logan, located near Denver. The post comprises a military reservation of 1,000 acres, upon which are 136 buildings, including officers' quarters, barracks and other structures. The total appraised value of the property is $1,300,000. The Second Regiment of Engineers, totaling 450 men, and 75 men of auxiliary branches (Quartermaster, Medical, etc.) are at present stationed at the post.

The land upon which the fort is located was donated to the government by citizens of Denver. Major General Phil Sheridan selected the site and on February 28, 1887, congress authorized the secretary of war to establish the post and appropriated $100,000 for construction work. Construction of permanent headquarters was started in November, 1887. The post was named Fort Sheridan in honor of the civil war veteran, but General Sheridan later changed it to Fort Logan, in honor of Major General John A. Logan.

The post has played an important part in the military life of Colorado. The Citizens' Military Training corps, the Reserve Officers Training corps, and other units like the Engineers and Chemical Warfare Reserve officers train at the fort each year, usually for 30 days in July. The headquarters of the 103rd Reserve division are located in Denver. This reserve includes 2,870 men, mostly officers, residing principally in Colorado, Arizona and New Mexico.

Since the inception of the Civilian Conservation Corps in April of 1933, Fort Logan has been the headquarters of the Colorado district.

COLORADO NATIONAL GUARD

The maximum strength of the Colorado national guard as authorized by the military bureau of the war department is 1,911 men, consisting of 156 officers, 1,754 enlisted men and one warrant officer. The actual strength as of June 30, 1933, was 140 officers, 1,729 enlisted men and one warrant officer, a total of 1,870. These belong to the 157th infantry regiment; the 1st battalion, 168th field artillery; a separate squadron of the 117th cavalry; the 45th division tank company; the 45th division aviation; the 45th division headquarters staff; and the 89th infantry brigade headquarters.

The guard is a part of the military arm of the federal government, which pays the expenses of equipment and caretakers and the maintenance and expenses of all summer camps. The cost to the federal government was $405,785 in 1933, $353,465 in 1932 and $359,166 in 1931, and to the state government $97,406 in 1932 and $100,236 in 1931. The state's portion of the cost is provided by a mill levy of .07 of a mill, from which was derived approximately $89,000 in 1932, $99,812 in 1931, and $110,218 in 1930.

The property used for military purposes is appraised at $3,160,000, of which $1,860,000 is for the federal government's part and $1,300,000 for that belonging to the state. Included in this property are 18 armories located at Greeley, Craig, Fruita, Delta, Montrose, Lamar, Boulder, Manzanola, Fort Collins, Brighton, Brush, Fort Morgan, Loveland, Burlington, Canon City, Monte Vista, Pueblo and Golden. The guard also has a military station in close proximity to Denver and on the Golden highway, known as the state rifle range, where warehouses and shops are maintained and where a state encampment is held in June of each year.

The air service is located at the Lowry aviation field in Denver, where an instructor from the United States army is stationed. Lowry field has eight planes in service. The field is equipped with buildings for headquarters, medical and radio, photographic and other uses, a mess hall, an officers' club and two hangars.

The organization of the national guard in general is the same as that prescribed for the regular army of the United States. The national guard is primarily a state force and the use to which it may be put is purely a matter under the control of state authorities and in keeping with the laws of the state. It may be, however, called by the president into the services of the United States and when so called is subject to the laws and regulations governing the regular army as far as practical. The governor is the commander-in-chief of the national guard. The executive administration is under an adjutant general appointed by the governor and removable at his pleasure.

Federal Lands and Reserves

WHILE exact figures are impossible of compilation because of the numerous federal laws and the conflict of reserves, withdrawals and classifications, it is certain that the United States government is by far the largest landholder in Colorado. The government's ownership and control of surface titles alone aggregates approximately 37 per cent of the entire area of the state, and its control of subsurface deposits covers a much larger area. A rounded estimate of the distribution of title in the surface areas of the state is approximately as follows:

	Acres	Per Cent of Total Area
Federal, including Indian	24,515,134	36.95
State lands	3,107,418	4.68
Privately owned (assessed)	37,793,509	56.97
Unaccounted for, survey errors, etc.	925,059	1.40
Totals	66,341,120	100.00

The state immigration bureau has made as complete a compilation of separate government titles and other varieties of surface control as is possible in the light of inaccuracies of surveys and conflicting and overlapping titles, and has found, in round numbers, the following acreages as of June 30, 1933:

	Acres
Public domain, unappropriated and unreserved	7,545,773
Unperfected entries; public lands entered but not yet patented	2,035,000
National forests, excluding privately owned lands within their limits	13,389,122
Ute Indian lands; 39,461 privately owned and 356,682 tribal; not taxed	396,000
National parks and monuments, excluding those within national forests and included in forest areas above	387,463
Carey Act withdrawals, including 23,000 relinquished by Colorado but not restored to entry on federal records	35,824
Power reserves of all classes	426,132
Reservoir sites	1,727
Reclamation, including only public lands in reclamation projects	5,600
Public water reserves	10,258
Naval oil reserves	64,560
Stock driveways	217,675
Total	24,515,134

WITHDRAWALS AND CLASSIFICATIONS

In addition to the control and ownership of surface titles, the federal government controls the mineral deposits on vast areas of land long since in private ownership, through reservations included at the time of patent. Millions of acres, for instance have passed into private ownership through patent under the stock-grazing or 640-acre homestead law, in all of which the mineral deposits were forever reserved to the federal government, and the same is true of non-metallic minerals in most of the public domain which has passed into private ownership since passage of the oil and gas leasing acts of 1914 and 1920.

It is impossible to compile, with anything approaching accuracy, a complete statement of both surface and sub-surface control of lands in Colorado by the federal government. The withdrawals and classifications listed below include all reported by the various federal agencies and constitute in many instances duplications of the federal surface title areas shown in the preceding table. Areas on which surface titles are available but in which minerals are reserved to the federal government are included in the public domain area, and lands upon which surface titles are not available but on which mineral rights may be secured under the leasing laws are shown under stock driveways, water reserves, etc.

Federal withdrawals and classifications frequently overlap or are superimposed upon each other, and areas withdrawn or classified are reported by the federal government on the basis of all acreage included within the outer boundaries, regardless of privately owned lands or other excluded lands, so no accurate tabulation is possible. The following table, including all known withdrawals and classifications, reported in round numbers and harmonized as nearly as possible, is chiefly valuable as showing the wide variety of federal control exercised over Colorado lands under various statutes, and cannot be taken as influencing the total of surface control shown in the preceding table. The report as of June 30, 1933, since when there have been no important changes, showed the following:

Withdrawn Lands	Acres
Coal	4,142,233
Oil	215,370
Oil shale	1,172,778
Administrative sites	342
In aid of legislation	55,365
For classification	573,178
For national monument	193
Pending resurvey	664,644
Public waters	10,258
Power sites	219,348
Stock driveways	217,675
Reservoir sites	102,460
Carey act	35,824
Reclamation	5,600
National guard rifle range	1,999
National park service	350

Classifications	
Coal	3,082,272
Oil shale	952,239
Naval oil shale	64,600
Power sites	102,460

LIMITATIONS UPON MINING

There are practically no limitations upon metal mining on the federal lands in Colorado, the outstanding exception being that no metal mining is permitted within the limits of the two national parks. The federal government exacts no royalties on the production of metal mines, and no prospecting permits are required. The mineral deposits under stock-grazing homesteads and inside the limits of withdrawn stock driveways and water reserves are open to search and development, and in the case of metallic deposits may be explored and developed without royalty or other limitation except the protection of surface property rights.

Deposits of coal, oil, gas, phosphate and other non-metallic minerals are subject to more rigid limitations and to royalty obligations to the federal government. Such deposits within the national parks and national forests are subject to the provisions of the general leasing acts of 1914 and 1920, as are lands within the limits of stock driveways, water reserves, patented stock-grazing homesteads and all other public lands coming under the provisions of the general leasing acts referred to.

Development of the minerals on public lands under the various leasing acts from the date of passage to June 30, 1931, show the following totals:

Coal

There were outstanding in Colorado on June 30, 1933, 76 coal leases on federal land aggregating 10,056 acres, 37 permits covering 22,577 acres and six licenses to operate on 240 acres. Ninety-three mines were operated during the year, of which 14 were shipping mines and 79 were wagon mines. Production, in tons, since passage of the leasing act, and royalties and bonuses accruing to the federal government, are as follows:

Year	Production	Royalty
1912-1925	2,028,940	$ 93,014
1926	353,434	60,431
1927	448,552	60,117
1928	439,650	51,076
1929	490,446	59,550
1930	434,871	55,624
1931	396,389	53,540
1932	342,551	49,136
1933	272,299	31,428
Total	5,207,132	$513,916

Oil and Gas

There were 25 oil and gas leases on federal land in Colorado in effect on June 30, 1933, covering 18,953 acres, and 428 permits to prospect on 754,473 acres. These leases and permits are under the supervision of the geological survey. Production, in barrels, since passage of the oil and gas leasing act, and royalties, rentals and bonuses accruing to the federal government were as follows:

Year	Production	Royalties
1922	30	$ 10
1923	270	60
1924	17,730	2,970
1925	409,060	36,750
1926	825,180	64,300
1927	723,190	55,460
1928	921,640	51,600
1929	962,170*	47,300
1930	725,040*	43,016
1931	665,320*	33,155
1932	544,073*	25,205
1933	350,338*	43,105
Total	6,144,041	$402,931

*Also 64,360 M cu. ft. of natural gas and 73,522 gallons of gasoline in 1929; 877,430 M cu. ft. of gas and 14,642 gallons of gasoline in 1930, and 1,709,179 M cu. ft. of natural gas and 17,916 gallons of gasoline in 1931; 1,308,602 M cu. ft. of natural gas and 13,992 gallons of gasoline in 1932; 1,420,558 M cu. ft. of gas and 37,826 gallons of gasoline in 1933.

Royalties, Rentals and Bonuses Accruing to United States

Year	Coal	Oil and Gas	Total
To 6-30-1925	$ 93,014	$ 39,790	$ 216,853*
1926	60,431	64,300	124,731
1927	60,117	55,460	115,577
1928	51,076	51,600	102,676
1929	59,550	47,300	106,850
1930	55,624	43,016	98,640
1931	53,540	33,155	86,695
1932	49,136	25,205	74,341
1933	31,428	43,105	74,533
Totals	$513,916	$402,931	$1,000,896*

*Includes $84,049 in miscellaneous royalty receipts.

DISTRIBUTION OF PUBLIC LAND RECEIPTS

Under various public land laws the earnings from such lands within the state are distributed as follows:

From the sale of public lands and fees and commissions in connection therewith Colorado receives nothing except a 5 per cent allotment from the net proceeds of the sales of agricultural lands lying within its borders. Public land states receive no part of the fees and commissions in connection with the disposition of such lands. Under that provision, including totals for the year ending June 30, 1929, the federal government had collected from sales, fees and commissions in Colorado, $11,800,000, of which amount $521,726 was paid to the state and $10,051,927 was paid into the United States reclamation fund.

Receipts from all operations of the United States forests are divided between the federal government and the states within which the forests lie, 25 per cent of the total collections being remitted to the counties in proportion to their national forest acreages. In addition, 10 per cent of the total collections is devoted to road and trail construction within the forest where the earnings are made.

Receipts of the federal government from royalties and bonuses under the mineral leasing act are divided as follows: Ten per cent to the general treasury of the United States, 37½ per cent to the state where the royalties or bonuses are earned, for road and school purposes, and 52½ per cent to the United States reclamation fund. Actual receipts by the federal government and payments to the state of Colorado under that provision, from passage of the leasing act to June 30, 1932, were as follows:

Year	Receipts from Colorado	Payments to Colorado
To 6-30-1923....	$ 26,405	$ 9,851
1924....	33,513	12,562
1925....	71,285	26,647
1926....	94,418	31,532
1927....	109,047	40,867
1928....	96,839	34,919
1929....	101,903	36,816
1930....	97,858	36,687
1931....	83,581	31,292
1932....	70,023	26,259
1933....	53,400	20,018
Totals..	$838,272	$307,450

The foregoing statements and tabulations showing amounts collected from operations in Colorado and amounts or proportions returned to the state do not take into consideration administrative expenditures within the state or a variety of other avenues through which a portion of the money collected in Colorado is returned to it, directly or indirectly. They include only cash returns to the state provided by law.

DUAL USE OF PUBLIC LANDS

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

The homestead lands of the state, more fully discussed in the chapter under that title in this volume, are now administered through two local district offices, located at Denver and Pueblo, the number of local land districts having been reduced materially in recent years, owing to the fact that much of the most desirable land is now privately owned.

POET LAUREATE

The office of state poet laureate is an honorary one created by gubernatorial action and without legislative enactment. It has been held by only two persons. Alice Polk Hill, a Colorado pioneer, was appointed to the office on September 10, 1919, by Gov. Oliver H. Shoup. On January 24, 1923, the present incumbent, Nellie Burget Miller, of Colorado Springs, was appointed to the office by Gov. William E. Sweet to fill a vacancy caused by the death of Mrs. Hill.

Colorado Postoffices

COLORADO had on January 1, 1934, a total of 704 postoffices, of which 54 belonged to the first and second classes and 650 were designated as third and fourth class postoffices. The number on January 1 of the years named was as follows:

Year	Class 1 & 2	3 & 4	Total
1927	55	726	781
1929	59	704	763
1930	60	673	733
1931	59	671	730
1932	55	654	709
1933	54	650	704

The stamp sales of first and second class postoffices, by years, were as follows:

Year	Amount
1925	$4,837,745
1926	5,301,024
1927	5,608,286
1928	5,700,006
1929	6,060,555
1930	5,920,741
1931	5,334,234
1932	4,889,005
1933	4,119,621

Stamp sales by third and fourth class postoffices, by years, follow:

Year	Amount
1925	$764,235
1926	729,681
1927	709,200
1928	684,508
1929	714,966
1930	641,278
1931	601,802
1932	548,272
1933	601,315

Total sales by all offices in the state, by years, were as follows:

Year	Amount
1925	$5,601,980
1926	6,030,705
1927	6,317,486
1928	6,384,510
1929	6,775,521
1930	6,562,019
1931	5,936,036
1932	5,437,277
1933	4,720,936

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.

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.

Another table gives a list of all first and second class postoffices in the state and the amount of stamp sales of each, by years, and a third table lists all of the third class postoffices in the state as of January 1, 1934, and the counties in which they are located.

GOVERNMENT-OWNED PROPERTIES IN COLORADO

(Includes only those under the control of the U. S. Treasury Department)

LOCATION	Character	Cost of Site	Cost of Building
Boulder	Postoffice	$ 39,040.98	$ 136,264.33
Canon City	Postoffice (old)	11,000.00	(No Bldg.)
Canon City	Postoffice (new)	14,000.00	82,636.53
Colorado Springs	P. O. and Court House	65,066.89	241,582.98
Denver	Mint	60,261.71	770,625.04
Denver	P. O. and Court House	486,879.62	1,999,869.31
Denver	Custom House	65,825.17	570,410.52
Denver	Custom House (new)	300,000.00	922,047.46
Durango	Postoffice	10,000.00	127,850.00
Fort Collins	Postoffice	12,000.00	87,893.74
Fort Morgan	Postoffice	9,785.00	47,412.99
Glenwood Springs	Postoffice	9,500.00	83,951.96
Grand Junction	Postoffice	9,800.00	173,899.17
Greeley	Postoffice	24,737.36	*102,011.21
La Junta	Postoffice	1.00	84,934.84
Lamar	Postoffice	9,589.00	**
Leadville	Postoffice	12,084.34	71,469.97
Monte Vista	Postoffice	3,900.00	100,819.75
Montrose	P. O. and Court House	15,000.00	138,550.25
Pueblo	Postoffice	51,007.07	298,990.93
Sterling	Postoffice	15,000.00	196,494.84
Trinidad	Postoffice	68.65	74,931.35
Total		$1,224,546.79	$6,312,647.17

*Contract awarded ($32,277) for extension and remodeling.
**Contract not awarded.

FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

Postoffice	County	Stamp Sales				
		1933	1932	1931	1930	1929
Akron	Washington	$ 9,497	$ 7,636	$ 8,711	$ 8,833	$ 9,103
Alamosa	Alamosa	26,987	27,306	33,082	35,735	35,755
Arvada	Jefferson	8,399	8,958	8,823	7,078	8,140
Boulder	Boulder	80,348	90,437	92,286	101,780	105,425
Brighton	Adams	14,492	12,677	16,625	17,401	17,318
Brush	Morgan	10,935	11,668	12,658	13,707	14,603
Burlington	Kit Carson	11,015	12,651	13,645	15,796	13,339
Canon City	Fremont	33,342	35,879	37,077	37,749	40,422
Cheycnne Wells	Cheyenne	7,478	8,627	10,649	13,067	13,599
Colorado Springs	El Paso	254,881	256,495	272,107	302,486	313,517
Craig	Moffat	10,369	11,844	11,150	14,848	14,965
Cripple Creek	Teller	9,500	8,414	7,666	8,088	7,812
Delta	Delta	19,711	19,340	20,494	21,072	22,335
Del Norte	Rio Grande	-----	6,770	8,097	8,901	8,808
Denver	Denver	2,630,739	3,306,932	3,616,415	3,978,946	4,059,839
Durango	La Plata	27,901	32,686	33,231	40,142	42,353
Eaton	Weld	‡	‡	‡	8,089	8,614
Estes Park	Larimer	10,356	10,909	12,109	11,808	12,404
Florence	Fremont	13,147	13,261	11,074	12,969	13,672
Fort Collins	Larimer	55,357	66,933	65,156	73,945	75,902
Fort Lupton	Weld	7,510	7,833	8,266	9,413	8,307
Fort Morgan	Morgan	21,021	22,337	25,263	25,245	27,388
Glenwood Springs	Garfield	16,665	16,782	18,096	19,155	19,066
Golden	Jefferson	16,354	17,464	17,414	17,727	18,380
Grand Junction	Mesa	75,988	84,067	95,349	103,985	117,001
Greeley	Weld	73,112	81,775	84,822	92,033	87,784
Gunnison	Gunnison	12,748	11,677	13,313	13,916	15,289
Haxtun	Phillips	‡	‡	‡	8,012	8,108
Holly	Prowers	6,125	6,184	8,102	8,468	8,708
Holyoke	Phillips	7,159	8,698	8,435	9,846	10,199
Idaho Springs	Clear Creek	6,235	5,559	7,333	8,014	7,824
Julesburg	Sedgwick	8,200	7,591	7,574	11,335	10,317
La Junta	Otero	30,282	31,056	32,871	36,345	36,967
Lamar	Prowers	26,965	27,707	30,610	35,005	32,698
Las Animas	Bent	14,735	15,540	16,169	16,664	17,346
Leadville	Lake	15,646	14,271	15,994	16,853	18,860
Limon	Lincoln	6,002	5,646	7,223	7,485	7,535
Littleton	Arapahoe	13,212	14,053	15,324	21,025	25,378
Longmont	Boulder	26,058	27,503	29,489	31,544	27,755
Loveland	Larimer	17,546	20,000	22,006	23,849	23,247
Manitou	El Paso	8,675	10,706	2,637	13,997	15,114
Meeker	Rio Blanco	6,420	6,479	7,525	9,362	9,791
Monte Vista	Rio Grande	14,284	15,273	16,829	23,365	20,584
Montrose	Montrose	22,457	6,699	24,646	27,145	27,479
Oak Creek	Routt	6,204	6,860	5,832	8,227	7,159
Palisade	Mesa	‡	‡	8,057	7,530	8,677
Paonia	Delta	5,826	7,400	7,135	8,519	10,702
Pueblo	Pueblo	235,629	246,628	275,710	307,492	319,216
Rifle	Garfield	8,742	8,630	9,029	10,974	11,626
Rocky Ford	Otero	20,336	23,191	27,035	28,563	28,021
Salida	Chaffee	19,971	20,168	22,448	24,959	25,506
Springfield	Baca	7,939	9,072	10,860	12,206	10,759
Steamboat Springs	Routt	3,249	9,908	12,265	13,404	14,257
Sterling	Logan	35,737	38,062	42,806	45,661	44,885
Telluride	San Miguel	†	†	†	†	4,957
Trinidad	Las Animas	52,524	69,190	66,424	80,846	82,436
Victor	Teller	‡	‡	‡	6,500	8,151
Walsenburg	Huerfano	16,557	16,854	19,456	21,685	23,476
Wray	Yuma	9,720	9,955	10,715	11,492	11,741
Yuma	Yuma	9,354	8,764	10,112	10,454	9,438
Total		$4,119,621	$4,889,005	$5,334,234	$5,920,741	$6,060,555

• Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.
†Changed to third class July 1, 1930.
‡Changed to third class July 1, 1931.
‡Changed to third class July 1, 1932.

Third and Fourth Class Post Offices

(Corrected to July 1, 1934)

Post Office	County
Abarr	Yuma
Ackmen	Montezuma
Adams City	Adams
Adena	Morgan
[4]Agate[2]	Elbert
Aguilar[3]	Las Animas
Alamo	Huerfano
Alcreek	Las Animas
Allenspark	Boulder
Allison	La Plata
Alma	Park
Almont[3]	Gunnison
Amherst	Phillips
Amity[3]	Prowers
Amy	Lincoln
Andrix	Las Animas
Antlers	Garfield
Antonito[2]	Conejos
Arapahoe[2]	Cheyenne
Arboles	Archuleta
Arickaree	Washington
Arlington	Kiowa
Armel	Yuma
Aroya	Cheyenne
Arriba[2]	Lincoln
[4]Aspen[2]	Pitkin
Association Camp[3]	Larimer
Atchee	Garfield
Atwood	Logan
[4]Ault[2]	Weld
Aurora[2]	Arapahoe
Austin[2]	Delta
Avalo	Weld
Avon	Eagle
Avondale	Pueblo
Axial	Moffat
Ayer	Otero
Bailey	Park
Baldwin	Gunnison
Barnesville	Weld
Bartlett	Baca
Barr Lake	Adams
Basalt[2]	Eagle
Battle Creek	Routt
[4]Bayfield[2]	La Plata
Bear River	Routt
Bedrock	Montrose
Beecher Island	Yuma
Bellvue	Larimer
Bennett[2]	Adams
Berthoud[2]	Larimer
Bethune	Kit Carson
Beulah	Pueblo
Blackhawk[2]	Gilpin
Blaine	Baca
Blanca[2]	Costilla
Bloom	Otero
Bonanza[2]	Saguache
Boncarbo[1]	Las Animas
Boone[2]	Pueblo
Bovina	Lincoln
Bowie[1]	Delta
Boyero	Lincoln
Brandon	Kiowa
Branson[2]	Las Animas
[4]Breckenridge[2]	Summit
Breen	La Plata
Briggsdale[2]	Weld
[4]Bristol[2]	Prowers
Brodhead	Las Animas
Brook Forest	Jefferson
Brookvale	Clear Creek
Broomfield	Boulder
Buckingham[2]	Weld
[4]Buena Vista[2]	Chaffee
Buffalo Creek	Jefferson
Buford	Rio Blanco
Burdett	Washington
Burns	Eagle
[4]Byers[2]	Arapahoe
Caddoa[2]	Bent
Cahone	Dolores
Caisson	Moffat
Calhan[3]	El Paso
Cameo	Mesa
Campo[2]	Baca
Capulin	Conejos
[4]Carbondale[2]	Garfield
Carlton	Prowers
Carr	Weld
Cascade	El Paso
Castle Rock[2]	Douglas
Cebolla[3]	Gunnison
Cedar	San Miguel
[4]Cedaredge[2]	Delta
Cedarwood	Pueblo
Center[2]	Saguache
[4]Central City[2]	Gilpin
Chama[1]	Costilla
Chandler	Fremont
Cheneycenter	Prowers
Cheraw	Otero
[4]Cherokee Park	Larimer
Chivington	Kiowa
Chromo	Archuleta
Cimarron	Montrose
Clark	Routt
[3]Cliffdale	Jefferson
[4]Clifton[2]	Mesa
Climax[2]	Lake
Coal Creek[2]	Fremont
Coaldale	Fremont
Coalmont	Jackson
Cokedale	Las Animas
[4]Collbran[2]	Mesa
Colona	Ouray
Columbine	Routt
Como[2]	Park
Conejos	Conejos
Cope[2]	Washington
Copper Spur	Eagle
Cornish	Weld
Cortez[2]	Montezuma
Cory	Delta
Cotopaxi[4]	Fremont
Cowdrey	Jackson
Cragmor[2]	El Paso
Crawford[2]	Delta
[4]Creede[2]	Mineral
[4]Crested Butte[2]	Gunnison
Crestone	Saguache
Critchell	Jefferson
Crook[2]	Logan
Cross Mountain	Moffat
Crowley[2]	Crowley
Cuchara Camps	Huerfano
Cumbres[3]	Conejos
Dacona	Weld
Dailey	Logan
Dalerose	Las Animas
[4]De Beque[2]	Mesa
Deepcreek	Routt
[4]Deertrail[2]	Arapahoe
Delagua[2]	Las Animas
Delcarbon	Huerfano
Delhi	Las Animas
De Nova	Washington
Deora	Baca
Derby	Adams
Dicks	Las Animas
Dillon	Summit
Divide	Teller
Dolores[2]	Montezuma
Dotsero	Eagle
Dove Creek	Dolores
Doyleville	Gunnison
Drake	Larimer
Dumont	Clear Creek
Dunkley	Routt
Dunton	Dolores
Dupont	Adams
Dyke	Archuleta
[4]Eads[2]	Kiowa
Eagle[2]	Eagle
East Lake	Adams
[4]Eaton[2]	Weld
Eckert[2]	Delta
Eckley[2]	Yuma
[4]Edgewater[2]	Jefferson
Edler	Baca
Edwards	Eagle
Eggers[3]	Larimer
Egnar	San Miguel
Elba	Washington
Elbert[2]	Elbert
Eldora[3]	Boulder
Eldorado Springs	Boulder
Elizabeth[2]	Elbert
Elk Springs	Moffat
Emma	Pitkin
Empire[2]	Clear Creek
[4]Englewood[3] (Branch of Denver)	Arapahoe
Erie[2]	Weld
Escalante Forks	Mesa
Estabrook	Park
[4]Eureka[2]	San Juan
Evans	Weld
Evergreen[2]	Jefferson
Fairplay[2]	Park
Falcon	El Paso
Falfa	La Plata
Fall Creek	San Miguel
Farisita	Huerfano
Farr	Huerfano
Firestone	Weld
Firstview	Cheyenne
Fitzsimons[2]	Adams
Flagler[2]	Kit Carson
Fleming[2]	Logan
Florissant	Teller
Floyd Hill	Clear Creek
Fondis	Elbert
Forder	Lincoln
Fort Garland	Costilla
Fort Logan[2]	Arapahoe
Fort Lyon[2]	Bent
Fosston	Weld
Fountain[2]	El Paso
[4]Fowler[2]	Otero
Foxton	Jefferson
Franktown	Douglas
Fraser[2]	Grand
Frederick[2]	Weld
Frisco	Summit
[4]Fruita[2]	Mesa
Galatea	Kiowa
Galeton	Weld
Garcia	Costilla
Gardner	Huerfano
Garfield	Chaffee
Garo	Park
Gary	Morgan
Gateway	Mesa
Genoa[2]	Lincoln
[4]Georgetown[2]	Clear Creek
Gilcrest	Weld
Gill	Weld
Gilman[2]	Eagle
Glade Park	Mesa
Glendevey	Larimer
[3]Glen Haven	Larimer
Goldfield[2]	Teller
Gold Hill	Boulder

Post Office	County
Goodrich	Morgan
Gordon	Huerfano
Gorham	Boulder
Graft	Baca
'Granada[2]	Prowers
Granby[2]	Grand
Grand Lake[2]	Grand
[3]Grand Mesa	Delta
'Grand Valley[2]	Garfield
Granite	Chaffee
Great Divide	Moffat
Greenland	Douglas
Green Mountain Falls	El Paso
Greystone	Moffat
Grover[2]	Weld
Guffey	Park
Gulnare	Las Animas
Gypsum[2]	Eagle
Hahns Peak	Routt
Hale	Yuma
Hamilton	Moffat
Hardin	Weld
Harrisburg	Washington
Hartman[2]	Prowers
Hartsel	Park
Hastings[2]	Las Animas
Hasty	Bent
Haswell[2]	Kiowa
[2]Haxtun	Phillips
Haybro	Routt
Hayden[2]	Routt
Heartstrong	Yuma
Henderson	Adams
Hereford	Weld
Hesperus[2]	La Plata
Hillrose	Morgan
Hillside	Fremont
Hill Top	Douglas
Hoehne	Las Animas
Home	Larimer
Homelake	Rio Grande
Hooper[2]	Alamosa
Hoopup	Las Animas
'Hotchkiss[2]	Delta
Hot Sulphur Springs[2]	Grand
Howard	Fremont
Howardsville	San Juan
Hoyt	Morgan
Hudson[2]	Weld
Hughes	Yuma
'Hugo[2]	Lincoln
Hyde	Washington
Hydrate	Routt
Hygiene	Boulder
Idalia	Yuma
Idledale	Jefferson
Ignacio[2]	La Plata
Iliff	Logan
Independence[2]	Teller
Indian Hills	Jefferson
Iola	Gunnison
Ione	Weld
Jansen	Las Animas
Jarosa	Costilla
Jefferson	Park
Joes	Yuma
Johnstown[2]	Weld
Juniper Springs	Moffat
Karval	Lincoln
Keenesburg[2]	Weld
Kendrick	Lincoln
Keota	Weld
Kersey[2]	Weld
Keysor	Elbert
'Kim[2]	Las Animas
Kings Canyon	Jackson
Kiowa[2]	Elbert
Kirk[2]	Yuma
Kit Carson[2]	Cheyenne
Kittredge	Jefferson
Kline	La Plata
Kokomo[2]	Summit
Kremmling[2]	Grand
Kutch	Elbert
La Boca	La Plata
'Lafayette[2]	Boulder
La Garita	Saguache
Laird	Yuma
'La Jara[2]	Conejos
Lake City[2]	Hinsdale
Lake George	Park
La Plata	La Plata
Laporte	Larimer
Larkspur	Douglas
La Salle[2]	Weld
Lascar	Huerfano
La Veta[2]	Huerfano
Lawson	Clear Creek
Lay	Moffat
Lazear[2]	Delta
Leader	Adams
Lebanon	Montezuma
Leonard	San Miguel
Lewis	Montezuma
Lily	Moffat
Lime	Pueblo
Lindland[3]	Jackson
Lindon	Washington
Livermore	Larimer
Lodore	Moffat
Logcabin	Larimer
Loma[2]	Mesa
Longs Peak[3]	Larimer
Longview	Jefferson
Loretto	Arapahoe
'Louisville[2]	Boulder
Louviers	Douglas
Loyd	Moffat
Lucerne	Weld
Ludlow[2]	Las Animas
Lycan	Baca
Lyons[2]	Boulder
McClave	Bent
McCoy	Eagle
McGregor	Routt
McPhee[2]	Montezuma
'Mack[2]	Mesa
Maher	Montrose
Maitland	Huerfano
Malta	Lake
Manassa[2]	Conejos
'Mancos[2]	Montezuma
'Manzanola[2]	Otero
'Marble[2]	Gunnison
Marshall Pass	Saguache
Martin	Grand
Masonville	Larimer
Masters	Weld
'Matheson[2]	Elbert
Maybell	Moffat
Mead	Weld
Meredith	Pitkin
Merino[2]	Logan
Mesa[2]	Mesa
Mesa Verde National Park[3]	Montezuma
Mesita	Costilla
Messex	Washington
Mildred	Yuma
Milliken	Weld
Milner	Routt
Mindeman	Otero
Mineral Hot Spgs	Saguache
Minturn[2]	Eagle
Model	Las Animas
Moffat	Saguache
Molina	Mesa
Montezuma	Summit
Monument	El Paso
Morley	Las Animas
Mosca	Alamosa
'Mount Harris[2]	Routt
'Mount Morrison[2]	Jefferson
Mount Princeton Hot Springs	Chaffee
Mustang	Huerfano
Mystic	Routt
Nathrop	Chaffee
Naturita[2]	Montrose
Nederland[2]	Boulder
'New Castle[2]	Garfield
'New Raymer[2]	Weld
Ninaview	Bent
Niwot	Boulder
North Avondale	Pueblo
Northdale	Dolores
North Veta	Huerfano
'Norwood[2]	San Miguel
Nucla[2]	Montrose
'Nunn[2]	Weld
Officer	Las Animas
Ohio	Gunnison
Oklardo	Baca
'Olathe[2]	Montrose
Olney Springs[2]	Crowley
Ophir	San Miguel
Orchard[2]	Morgan
Ordway[2]	Crowley
Ortiz	Conejos
Otis[2]	Washington
'Ouray[2]	Ouray
Overland Park	Denver
Ovid[2]	Sedgwick
Oxford	La Plata
Padroni	Logan
Pagoda	Routt
Pagosa Junction	Archuleta
'Pagosa Springs[2]	Archuleta
Palisade	Mesa
Palmer Lake	El Paso
Pando	Eagle
Paoli	Phillips
Paradox	Montrose
Parkdale	Fremont
Parker	Douglas
Parlin	Gunnison
Parshall	Grand
Patt	Las Animas
Pawnee	Morgan
Peaceful Valley	Boulder
Peckham	Weld
Peetz[2]	Logan
Penrose[2]	Fremont
Pershing	Routt
Peyton	El Paso
Phippsburg[2]	Routt
Pierce	Weld
Pikeview	El Paso
Pine	Jefferson
Pinecliff	Boulder
Pinnacle	Routt
Pitkin	Gunnison
Placerville	San Miguel
Placita	Pitkin
Plainview	Jefferson
Plateau City	Mesa
Platner	Washington
'Platteville[2]	Weld
Plum Valley	Las Animas
Poncha Springs[2]	Chaffee
Portland[2]	Fremont
Powderhorn	Gunnison
Price Creek	Moffat
Primero	Las Animas
Pritchett[2]	Baca
Proctor	Logan
Prowers	Bent
Pryor	Huerfano
Purcell	Weld
Radium	Grand
Ragged Mountain	Gunnison
Rago	Washington
Ramah[2]	El Paso
Rand	Jackson
Rangely	Rio Blanco
Rapson	Las Animas
Rattlesnake Butte	Huerfano
Raven	Garfield
Ravenwood	Huerfano
'Redcliff[2]	Eagle
Red Feather Lakes	Larimer
Red Lion	Logan
Redmesa	La Plata

Post Office	County
Redstone	Pitkin
Redvale	Montrose
Redwing	Huerfano
Richards	Baca
Rico[2]	Dolores
Ridge	Jefferson
[4]Ridgway[3]	Ouray
Riland	Garfield
Rio Blanco	Rio Blanco
River Bend	Elbert
Roach	Larimer
Rockvale[2]	Fremont
Rockwood	La Plata
Rodley	Baca
Roggen	Weld
Rollinsville	Gilpin
Romeo	Conejos
Rosita	Custer
Routt	Routt
Ruedi	Eagle
Rugby	Las Animas
Rush	El Paso
Russell Gulch[2]	Gilpin
Rye[4]	Pueblo
Saguache[2]	Saguache
Saint Elmo	Chaffee
Sams	San Miguel
San Acacio[2]	Costilla
Sanford[2]	Conejos
San Luis[2]	Costilla
San Pablo	Costilla
Sapinero	Gunnison
Sargents	Saguache
Sedalia	Douglas
Sedgwick[2]	Sedgwick
Segundo	Las Animas
[4]Seibert[2]	Kit Carson
Serene	Weld
Severence	Weld
Sharpsdale	Huerfano
Shaw	Lincoln
Shawnee	Park
Sheephorn	Eagle
Sheridan Lake	Kiowa
Sidney	Routt
Sigman	Adams
Siloam	Pueblo
Silt[2]	Garfield
Silver Cliff	Custer
Silver Plume[2]	Clear Creek
[4]Silverton[2]	San Juan
[4]Simla	Elbert
Simpson	Adams
Skull Creek	Moffat
[5]Skyway	Mesa
Slater	Moffat
Sligo	Weld
Snowmass	Pitkin
Snyder	Morgan
Somerset[2]	Gunnison
Sopris[2]	Las Animas
South Fork	Rio Grande
South Platte	Jefferson
Spicer	Jackson
[4]Spivak[2]	Jefferson
Starkville[2]	Las Animas
Stone City	Pueblo
Stoneham[2]	Weld
Stoner	Montezuma
Stonington[2]	Baca
Strasburg[2]	Arapahoe
[4]Stratton[2]	Kit Carson
Sugar City[2]	Crowley
Sugar Loaf	Boulder
Sunbeam	Moffat
Superior	Boulder
Swallows	Pueblo
Swink[2]	Otero
Tabernash[2]	Grand
Tacoma	La Plata
Tacony	El Paso
Tarryall	Park
[4]Telluride[2]	San Miguel
Tennessee Pass	Lake
Tercio	Las Animas
Texas Creek	Fremont
Thatcher	Las Animas
Thornburg	Rio Blanco
Thurman	Washington
Tiffany	La Plata
Tigiwon[3]	Eagle
Tiger	Summit
Timnath	Larimer
Timpas	Otero
Tioga	Huerfano
Tobe	Las Animas
Tolland	Gilpin
Toltec	Huerfano
Toponas	Routt
Towoac	Montezuma
Towner[2]	Kiowa
[3]Trappers Lake	Garfield
Trinchera	Las Animas
Troublesome	Grand
Trout Creek	Routt
Troutville[3]	Eagle
Troy	Las Animas
Tungsten[2]	Boulder
Turret	Chaffee
Twin Lakes	Lake
Two Buttes	Baca
Tyrone	Las Animas
Ute	Montrose
Utleyville	Baca
Valdez	Las Animas
Valleroso	Las Animas
Vanadium	San Miguel
Vernon	Yuma
Veta Pass	Costilla
[4]Victor[2]	Teller
Vilas	Baca
Villagrove	Saguache
Villagreen	Las Animas
Vim	Weld
Virginia Dale	Larimer
Vona[2]	Kit Carson
Vroman	Otero
Wages	Yuma
Wagon Wheel Gap[5]	Mineral
Waitley	Washington
Walden[2]	Jackson
Walsh[2]	Baca
Ward[2]	Boulder
Watkins	Adams
Waunita Hot Springs	Gunnison
Weldona[2]	Morgan
[4]Wellington[2]	Larimer
[4]Westcliffe[2]	Custer
Westminster	Adams
Weston[2]	Las Animas
West Plains	Logan
West Portal[2]	Grand
Wetmore	Custer
Wheatridge[2]	Jefferson
Whitewater	Mesa
[4]Wiggins[2]	Morgan
Wild Horse[2]	Cheyenne
Wiley[2]	Prowers
Willard	Logan
[4]Windsor[2]	Weld
Winneview	Arapahoe
Wolcott	Eagle
Woodland Park	Teller
Woodman[2]	El Paso
Woodrow	Washington
Woody Creek	Pitkin
Wormington	Las Animas
Yampa[2]	Routt
Yellow Jacket	Montezuma
Yoder	El Paso

[1] Do not issue money orders.
[2] International money order offices.
[3] Summer offices.
[4] Postal Savings depositories.
[5] Winter offices.

TOBACCO CULTURE

Tobacco was grown commercially in Colorado for the first time, as far as available records show, in the summer of 1931, when Hercule B. Camber, of Denver, produced a crop which was used in the manufacture of cigarets. Mr. Camber had been experimenting in the cultivation of a Turkish variety for ten years prior to that time. The seed was imported from Turkey and the same system of cultivating and curing the product in use in that country was followed here. Since then the propagation of the seed in this climate has been successfully accomplished, but the seed has not been placed on the market. Colorado climate is not suitable for some varieties of tobacco, but the experiments with the Turkish grade, which is a three-months crop, have yielded satisfactory results. The crop is stored in a bonded warehouse under the supervision of the United States treasury department and subject to withdrawal upon the payment of internal revenue taxes. The Turkish variety is blended with other grades in the manufacture of cigarets and the quantity on hand in the bonded warehouse in the spring of 1934 was sufficient for the production of 25,000,000 cigarets.

Government and Political Record

THE accompanying list gives the names of all senators, representatives and governors of Colorado since the creation of Colorado territory in 1861. The lists of other state officials include only the names of those elected to the various offices since the admission of Colorado into the Union as a state, in 1876, and the time each served. A star (*) indicates that the incumbent died in office.

ELECTED STATE OFFICIALS

Delegates and Representatives to Congress

Hiram J. Graham (Delegate for people of Pike's Peak)	1858-1859
Beverly D. Williams (Delegate from "Jefferson Territory")	1859-1860

Territorial Representatives

Hiram P. Bennett	1861-1865
Allen A. Bradford	1865-1867
George M. Chilcott	1867-1869
Allen A. Bradford	1869-1871
Jerome B. Chaffee	1871-1875
Thomas M. Patterson	1875-1876

State Representatives in Congress

James B. Belford (R)	1876-1877
Thomas M. Patterson (D)	1877-1879
James B. Belford (R)	1879-1885
George G. Symes (R)	1885-1889
Hosea Townsend (R)	1889-1893
John C. Bell (R)	1893-1903
Lafe Pence (P)	1893-1895
John F. Shafroth (R)	1895-1903
Robert W. Bonynge (R)	1903-1909
Herschel M. Hogg (R)	1903-1907
Franklin E. Brooks (R)	1903-1907
George W. Cook (R)	1907-1909
Warren A. Haggot (R)	1907-1909
Atterson W. Rucker (D)	1909-1913
John A. Martin (D)	1909-1913
Edward Keating (D)	1913-1919
George J. Kindel (D)	1913-1915
H. H. Seldomridge (D)	1913-1915
B. C. Hilliard (D)	1915-1919
William N. Valle (R)	*1919-1927
S. Harrison White (D)	1927-1928
Charles B. Timberlake (R)	1915-1933
Guy U. Hardy (R)	1919-1933
William R. Eaton (R)	1928-1933
Edward T. Taylor (D)	1909———
Lawrence Lewis (D)	1933———
Fred Cummings (D)	1933———
John A. Martin (D)	1933———

United States Senators

Henry M. Teller (R)	1876-1882
Jerome B. Chaffee (R)	1876-1879
Nathaniel P. Hill (R)	1879-1885
George M. Chilcott (R)	1882
Horace A. W. Tabor (R.)	1883
Thomas M. Bowen (R)	1883-1889
Henry M. Teller (R) and (D)	1885-1909
Edward O. Wolcott (R)	1889-1901
Thomas M. Patterson (D)	1901-1907
Simon Guggenheim (R)	1907-1913
Charles J. Hughes, Jr. (D)	1909-1911
Charles S. Thomas (D)	1913-1921
John F. Shafroth (D)	1913-1919
Lawrence C. Phipps (R)	1919-1931
S. D. Nicholson (R)	1921-1923
Alva B. Adams (D)	1923-1925
Rice W. Means (R)	1925-1927
Charles W. Waterman (R)	*1927-1932
Walter Walker (D)	1932
Karl C. Schuyler (R)	1932-1933
Edward P. Costigan (D)	1931———
Alva B. Adams (D)	1933———

Justices of the Supreme Court

Benjamin F. Hall	1861-1865
Charles Lee Armour	1861-1865
Allen A. Bradford	1862-1865
Stephen S. Harding	1863-1865
Charles F. Holly	1865-1866
William H. Gale	1865-1866
Moses Hallett	1866-1876
Wm. R. Gorsline	1866-1870
Christian S. Eyster	1866-1871
James B. Belford	1870-1875
Ebenezer T. Wells	1871-1875, 1877
Andrew W. Brazee	1875-1876
Amherst W. Stone	1875-1876
Henry C. Thatcher	1877-1879
Samuel H. Elbert	1877-1888
Wilbur F. Stone	1877-1886
William E. Beck	1879-1889
Joseph C. Helm	1879-1892, 1907-1909
Melville B. Gerry	1888-1889
Victor A. Elliott	1889-1895
Charles D. Hayt	1889-1898
Luther M. Goddard	1891-1901, 1905-1909
William H. Gabbert	1897-1917
Robert W. Steele	1901-1911
Julius C. Gunter	1905-1907
John M. Maxwell	1905-1909
George W. Bailey	1905-1909
Charles F. Caswell	*1907-1907
Morton S. Bailey	1909-1917
William A. Hill	1909-1919
George W. Musser	1909-1915
S. Harrison White	1909-1919
James E. Garrigues	1909-1919
Tully Scott	1913-1923
James T. Teller	1915-1925
George W. Allen	1917-1927
John H. Denison	1919-1929
John W. Sheafor	*1923-1928
R. Hickman Walker	1928
Greeley W. Whitford	1921-1931
Wilbur M. Alter	1928-1933
Julian H. Moore	*1929-1933
Haslett P. Burke	1919———
John Campbell	1895-1913, 1923———
John T. Adams	1925———
Charles C. Butler	1927———
Benjamin C. Hilliard	1931———
Francis E. Bouck	1933———
E. V. Holland	1933———

Justices of Court of Appeals

George Q. Richmond	1891-1893
Julius B. Bissell	1891-1893
Gilbert B. Reed	1891-1893
Charles I. Thompson	1893-1899
Adair Wilson	1896-1905
Julius C. Gunter	1901-1905
John M. Maxwell	1903-1905
Tully Scott	1912-1913
Edwin W. Hurlbut	1912-1915
Stuart W. Walling	1912-1915
Louis W. Cunningham	1912-1915
Alfred R. King	1912-1915
John C. Bell	1913-1915
William B. Morgan	1913-1915

Territorial Governor

William Gilpin	1861-1862
John Evans	1862-1865
Alexander Cummings	1865-1867
A. C. Hunt	1867-1869
Edward McCook	1869-1873
Samuel H. Elbert	1873-1874
Edward McCook	1874-1875
John L. Routt	1875-1876

State Governor

John L. Routt	1876-1879
Frederick R. Pitkin	1879-1883
James B. Grant	1883-1885
Benjamin H. Eaton	1885-1887
Alva Adams	1887-1889
Job A. Cooper	1889-1891
John L. Routt	1891-1893
Davis H. Waite	1893-1895
Albert W. McIntire	1895-1897
Alva Adams	1897-1899
Charles S. Thomas	1899-1901
James B. Orman	1901-1903
James H. Peabody	1903-1905
Alva Adams	1905
James H. Peabody	1905
Jesse F. McDonald	1905-1907
Henry A. Buchtel	1907-1909
John F. Shafroth	1909-1913
Elias M. Ammons	1913-1915
George A. Carlson	1915-1917
Julius C. Gunter	1917-1919
Oliver H. Shoup	1919-1923
William E. Sweet	1923-1925
Clarence J. Morley	1925-1927
William H. Adams	1927-1933
Edwin C. Johnson	1933———

Lieutenant Governor

Lafayette Head	1877-1879
Horace A. W. Tabor	1879-1883
William H. Meyers	1883-1885
Peter W. Breene	1885-1887
Norman H. Meldrum	1887-1889
William G. Smith	1889-1891
William Story	1891-1893
David H. Nichols	1893-1895
Jared L. Brush	1895-1899
Francis Carney	1899-1901
David C. Coates	1901-1903
Warren H. Haggott	1903-1905
Arthur Cornforth	1905-1907
E. R. Harper	1907-1909
Stephen R. Fitzgarrald	1909-1915
Moses E. Lewis	1915-1917
James E. Pulliam	1917-1919
George Stephan	1919-1921
Earl Cooley	1921-1923
Robert F. Rockwell	1923-1925
Sterling B. Lacy	1925-1927
George M. Corlett	1927-1931
Edwin C. Johnson	1931-1933
Ray H. Talbot	1933———

Secretary of State

William M. Clark	1877-1879
Norman H. Meldrum	1879-1883
Melvin Edwards	1883-1887
James Rice	1887-1891
Edwin J. Eaton	1891-1893
Nelson O. McClees	1893-1895
Albert B. McGaffey	1895-1897
Charles H. S. Whipple	1897-1899
Elmer F. Beckwith	1899-1901
David F. Mills	1901-1903
James Cowie	1903-1907
Timothy O'Connor	1907-1909
James B. Pearce	1909-1915
John E. Ramer	1915-1917
James R. Noland	1917-1921
Carl S. Milliken	1921-1927
Charles M. Armstrong	1927———

State Treasurer

George C. Corning	1877-1879
Nathan S. Culver	1879-1881
W. S. Sanders	1881-1883
Fred Walson	1883-1885
George R. Swallow	1885-1887
Peter W. Breene	1887-1889
W. H. Bisbane	1889-1891
James N. Carlile	1891-1893
Albert Nance	1893-1895
Harry E. Mulnix	1895-1897
George W. Kephart	1897-1899
John H. Fesler	1899-1901
James N. Chipley	1901-1903
Witney Newton	1903-1905
John A. Holmberg	1905-1907
Alfred E. Bent	1907-1909
William J. Galligan	1909-1911
Roady Kenehan	1911-1913
Michael A. Leddy	1913-1915
Allison E. Stocker	1915-1917
Robert H. Higgins	1917-1919
Harry E. Mulnix	1919-1921
Arthur M. Stong	1921-1923
Harry E. Mulnix	1923-1925
William D. MacGinnis	1925-1927
Harry E. Mulnix	*1927
Herbert Fairall	1927-1929
William D. MacGinnis	1929-1931
John M. Jackson	1931-1933
Homer F. Bedford	1933———

Auditor of State

David C. Crawford	1877-1879
Eugene K. Stimson	1879-1881
Joseph A. Davis	1881-1883
J. C. Abbott	1883-1885
Hiram A. Spurance	1885-1887
Darwin P. Kingsley	1887-1889
L. B. Schwanbeck	1889-1891
John M. Henderson	1891-1893
F. M. Goodykoontz	1893-1895
Clifford C. Parks	1895-1897
John W. Lowell	1897-1899
George W. Temple	1899-1901
Charles W. Crowter	1901-1903
John A. Holmberg	1903-1905
Alfred E. Bent	1905-1907
George D. Statler	1907-1909
Roady Kenehan	1909-1911
Michael A. Leddy	1911-1913
Roady Kenehan	1913-1915
Harry E. Mulnix	1915-1917
Charles H. Leckenby	1917-1919
Arthur M. Stong	1919-1921
Harry E. Mulnix	1921-1923
Arthur M. Stong	1923-1925
Charles Davis	1925-1927
W. D. MacGinnis	1927-1929
John M. Jackson	1929-1931
William D. MacGinnis	1931-1933
Benj. F. Stapleton	1933———

Attorney General

A. J. Sampson	1877-1879
Charles W. Wright	1879-1881
Charles Toll	1881-1883
D. C. Urmy	1883-1885
Theodore H. Thomas	1885-1887
Alvin Marsh	1887-1889
Samuel W. Jones	1889-1891
Joseph H. Maupin	1891-1893
Eugene Engley	1893-1895
Byron L. Carr	1895-1899

David M. Campbell	1899-1901
Charles C. Post	1901-1903
Nathan C. Miller	1903-1907
William H. Dickson	1907-1909
John T. Barnett	1909-1911
Benjamin J. Griffith	1911-1913
Fred Farrar	1913-1917
Leslie E. Hubbard	1917-1919
Victor E. Keyes	1919-1923
Russell W. Fleming	*1923
Wayne C. Williams	1924-1925
William L. Boatright	1925-1929
Robert E. Winbourn	*1929
John S. Underwood	*1930
Clarence L. Ireland	1931-1933
Paul P. Prosser	1933——

Superintendent of Public Instruction

Joseph C. Shattuck	1877-1881
Leonidas S. Cornell	1881-1883
Joseph C. Shattuck	1883-1885
Leonidas S. Cornell	1885-1889
Fred Dick	1889-1891
Nathan Coy	1891-1893
John F. Murray	1893-1895
Angenette J. Peavey	1895-1897
Grace Espey Patton	1897-1899
Helen L. Grenfell	1899-1905
Katherine L. Craig	1905-1909
Katherine Cook	1909-1911
Helen M. Wixon	1911-1913
Mary C. C. Bradford	1913-1921
Katherine L. Craig	1921-1923
Mary C. C. Bradford	1923-1927
Katherine L. Craig	1927-1931
Inez Johnson Lewis	1931——

DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note—Terms of District Judges and District Attorneys expire January 12, 1937. Salary of District Judges is $4,000 per annum.

District	Judge	Party	District Attorney	Party	Address
First—Gilpin, Clear Creek, Arapahoe, Jefferson, Adams	Johnson, Samuel W.	D	Behm, Harry	D	Brighton
Second—Denver	McDonough, Frank, Sr.	R	Wettengel, Earl	R	Denver
	Calvert, H. A.	R			
	Dunklee, George F.	D			
	Bock, Otto	D			
	Sackmann, Charles C.	R			
	Starkweather, Jas. C.	R			
	Steele, Robert W.	D			
Third—Baca, Bent, Huerfano, Las Animas, Prowers	Hollenbeck, A. F.	D	East, John L.	D	Walsenburg
	McChesney, A. C.	D			
Fourth—Cheyenne, Douglas, Elbert, El Paso, Kit Carson, Lincoln, Teller	Cornforth, Arthur	R	Starrett, Clyde L.	D	Colorado Springs
	Young, John C.	D			
Fifth—Eagle, Lake, Summit	White, Hume S.	D	Meehan, Wm. J.	D	Eagle
Sixth—Archuleta, Dolores, La Plata, Montezuma, San Juan	O'Rourke, John B.	D	Noland, James M.	D	Durango
Seventh—Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Miguel	Bruce, George W.	D	Haywood, Wm. F.	D	Grand Junction
	Logan, Straud M.	R			
Eighth—Boulder, Jackson, Larimer, Weld	Coffin, Claude C.	R	Baker, Herbert M.	D	Longmont
	*Clark, Frederick W.	D			
Ninth—Pitkin, Garfield, Rio Blanco	Shumate, John T.	D	Delaney, Frank	D	Glenwood Springs
Tenth—Crowley, Kiowa, Otero, Pueblo	Trimble, Samuel D.	D	Taylor, French L.	D	Pueblo
	Voorhees, John H.	D			
Eleventh—Chaffee, Custer, Fremont, Park	Cooper, James L.	R	Locke, James T.	D	Canon City
Twelfth—Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache	Palmer, John I.	R	Haynie, L. M.	D	Manassa
Thirteenth—Logan, Morgan, Phillips, Sedgwick, Washington, Yuma	Munson, Halley E.	R	Johnson, Roy T.	R	Sterling
	Taylor, Arlington	R			
Fourteenth—Grand, Moffat, Routt	Herrick, Charles E.	D	Monson, C. R.	D	Steamboat Spgs

*Appointed in August, 1934, to succeed Neil F. Graham, deceased.

COLORADO STATE OFFICIALS FOR 1933-1934.

United States Senators

Edward P. Costigan..Dem.....Term: March 4, 1931, to March 4, 1937
Alva B. Adams.....Dem.....Term: March 4, 1933, to March 4, 1939.

The salary of a United States senator is $9,000 per annum.

Congressmen

Lawrence Lewis	Dem.	First District	Denver
Fred Cummings	Dem.	Second District	Fort Collins
John A. Martin	Dem.	Third District	Pueblo
Edward T. Taylor	Dem.	Fourth District	Glenwood Springs

Terms of all congressmen expire March 4, 1935. The salary is $9,000 per annum.

Executive State Officers

Governor	Edwin C. Johnson	Dem.	Craig
Lieutenant-Governor	Ray H. Talbot	Dem.	Pueblo
Secretary of State	Charles M. Armstrong	Rep.	Denver
Treasurer	Homer F. Bedford	Dem.	Greeley
Auditor	Benjamin F. Stapleton	Dem.	Denver
Attorney General	Paul P. Prosser	Dem.	Denver
Supt. Public Instruction	Inez Johnson Lewis	Dem.	Colorado Springs

Terms of state executive officials expire in January, 1935. Salaries per annum are as follows: Governor, $5,000; lieutenant-governor, $1,000; treasurer, $6,000; secretary of state, $4,000; auditor, $4,000; attorney general, $5,000; superintendent of public instruction, $3,000.

Justices of the Supreme Court

John T. Adams, Rep., Chief Justice, Alamosa

Charles C. Butler, Rep., Denver	John Campbell, Rep., Colorado Springs
Haslett P. Burke, Rep., Sterling	E. V. Holland, Dem., Denver.
Benjamin C. Hilliard, Dem., Denver	Francis E. Bouck, Dem., Leadville

The justices of the supreme court receive salaries of $5,000 and are elected for terms of ten years.

REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

Counties in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Value
Denver	15	58	287,861	$ 459,992,853
Pueblo	4	2,433	66,038	83,025,130
Weld	4	4,022	65,097	102,130,907
El Paso	3	2,121	49,570	75,322,405
Las Animas	2	4,809	36,008	41,974,002
Boulder	2	764	32,456	47,414,950
Larimer, Jackson	2	4,261	34,523	56,028,335
Arapahoe, Elbert	2	2,699	29,227	40,434,992
Crowley, Otero	2	2,067	30,324	41,862,338
Mesa	2	3,163	25,908	30,755,510
Delta	1	1,201	14,204	14,688,795
Huerfano	1	1,500	17,062	16,069,091
Jefferson	1	808	21,810	28,644,700
Logan	1	1,822	19,946	36,555,861
Morgan	1	1,286	18,284	27,718,762
Adams	1	1,262	20,245	32,186,300
Washington	1	2,521	9,591	15,921,474
Yuma	1	2,367	13,613	24,797,360
Kit Carson	1	2,159	9,725	21,154,833
Prowers	1	1,630	14,762	21,564,010
Baca	1	2,552	10,570	14,318,800
Routt, Moffat, Grand	1	8,833	16,321	30,953,174
Montrose, Ouray	1	2,783	13,526	16,143,375
San Miguel, Dolores, Montezuma	1	4,382	11,394	12,943,322
La Plata, San Juan	1	2,304	14,910	19,147,643
Hinsdale, Gunnison, Saguache	1	7,283	12,226	27,421,852
Rio Grande, Mineral	1	1,764	10,593	12,804,545
Conejos, Archuleta	1	2,472	13,007	13,842,439
Alamosa, Costilla	1	1,912	14,381	15,388,480
Fremont, Custer	1	2,304	21,020	25,947,248
Park, Teller, Douglas	1	3,634	9,691	25,572,425
Lake, Chaffee	1	1,454	13,025	17,345,985
Eagle, Pitkin, Summit, Clear Creek, Gilpin	1	3,810	10,048	24,995,569
Rio Blanco, Garfield	1	6,330	12,955	24,008,570
Sedgwick, Phillips	1	1,219	11,377	28,385,323
Cheyenne, Lincoln	1	4,347	11,573	32,236,905
Kiowa, Bent	1	3,322	12,920	26,764,640
Total	65	103,658	1,035,791	$1,586,462,903

REPRESENTATION OF COUNTIES IN THE STATE SENATE BY AREA, POPULATION AND ASSESSED VALUATION

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

District	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation
1st.....	8	Denver	58	287,861	$ 459,992,853
2nd.....	2	Pueblo	2,433	66,038	83,025,130
3rd.....	2	El Paso.....	2,121	49,570	75,322,405
4th.....	1	Las Animas.....	4,809	36,008	41,974,002
5th.....	1	Boulder	764	32,456	47,414,950
6th.....	1	Chaffee, Park, Teller, Gilpin and Clear Creek	4,394	17,686	32,233,327
7th.....	2	Weld	4,022	65,097	102,130,907
8th.....	1	Jefferson and Douglas...	1,653	25,308	40,182,405
9th.....	1	Fremont and Custer.....	2,304	21,020	25,947,248
10th.....	1	Larimer	2,629	33,137	52,357,595
11th.....	1	Delta, Gunnison and Hinsdale	5,351	20,180	31,527,183
12th.....	1	Logan, Sedgwick and Phillips	3,041	31,323	64,941,184
13th.....	1	Rio Blanco, Moffat, Routt, Jackson and Grand....	13,688	20,687	40,420,009
14th.....	1	Huerfano, Costilla and Alamosa	3,412	31,443	31,457,571
15th.....	1	Saguache, Mineral, Rio Grande and Conejos...	6,149	26,646	32,593,579
16th.....	1	Mesa	3,163	25,908	30,755,510
17th.....	1	Montrose, Ouray, San Miguel and Dolores...	5,114	17,122	22,845,402
18th.....	1	Kit Carson, Cheyenne, Lincoln and Kiowa....	8,304	25,084	66,396,508
19th.....	1	San Juan, Montezuma, La Plata and Archuleta	5,575	25,912	30,025,807
20th.....	1	Washington and Yuma..	4,888	23,204	40,718,834
21st.....	1	Garfield, Summit, Eagle, Lake and Pitkin.....	6,766	21,555	42,055,422
22nd.....	1	Arapahoe and Elbert....	2,699	29,227	40,434,992
23rd.....	1	Otero and Crowley.....	2,067	30,324	41,862,338
24th.....	1	Adams and Morgan.....	2,548	38,529	59,905,062
25th.....	1	Bent, Prowers and Baca.	5,706	34,166	49,642,680
Total....	35		103,658	1,035,791	$1,586,462,903

AREA, POPULATION AND VALUATION FOR EACH SENATOR AND REPRESENTATIVE IN DISTRICTS HAVING MORE THAN ONE SENATOR OR REPRESENTATIVE

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

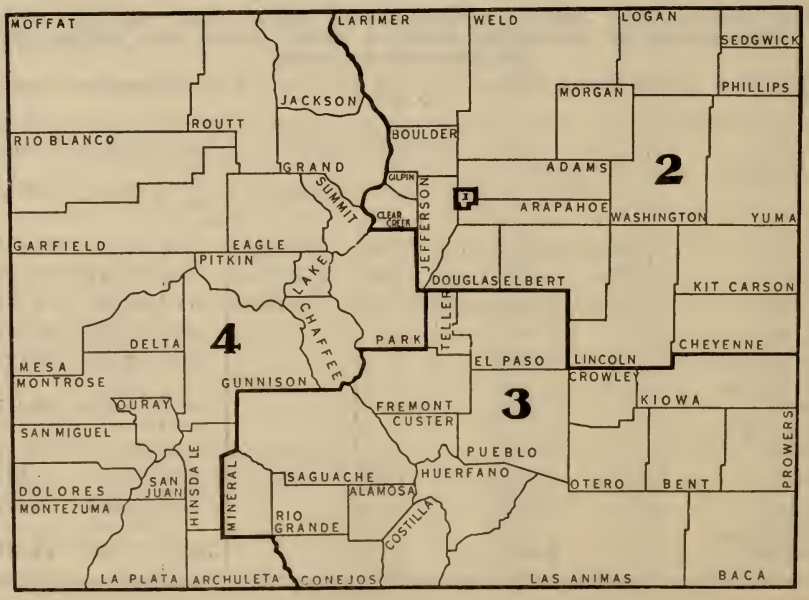
District	Representation	For Each Senator			For Each Representative		
		Sq. Mi.	Pop.	Valuation	Sq. Mi.	Pop.	Valuation
Denver	8 Sen. 15 Rep.	7.25	35,983	$57,499,107	3.9	19,191	$30,666,190
Pueblo	2 Sen. 4 Rep.	1,216	33,019	41,512,565	608	16,510	20,756,283
El Paso.....	2 Sen. 3 Rep.	1,060	24,785	37,661,203	707	16,523	25,107,469
Boulder	2 Rep.	....	....	.....	382	16,228	23,707,475
Las Animas.....	2 Rep.	....	....	.....	2,405	18,004	20,987,001
Crowley and Otero	2 Rep.	....	....	.....	1,034	15,162	20,931,169
Arapahoe and Elbert	2 Rep.	....	....	.....	1,350	14,614	20,217,496
Weld	2 Sen. 4 Rep.	2,011	32,549	51,065,454	1,006	16,274	25,532,727
Mesa	2 Rep.	....	....	.....	1,582	12,954	15,377,755
Larimer and Jackson	2 Rep.	....	....	.....	2,131	17,262	28,014,168

COLORADO'S VOTE BY YEARS FOR PRESIDENT AND GOVERNOR

Year	President		Governor	
	Republican	Democrat	Republican	Democrat
1876	.....	.....	13,316	14,154
1878	.....	.....	14,396	11,573
1880	27,450	24,647	.....	.....
1882	.....	.....	27,552	29,897
1884	36,290	27,723	30,471	27,420
1886	.....	.....	26,533	28,129
1888	50,774	37,567	.....	.....
1890	.....	.....	.....	.....
1892	38,620	*53,584	38,806	8,944
1894	.....	.....	93,502	8,337
1896	26,279	161,269	71,816	87,387
1898	.....	.....	50,880	92,274
1900	93,039	122,733	93,245	121,995
1902	.....	.....	87,512	80,217
1904	134,687	100,105	113,499	124,617
1906	.....	.....	92,646	74,512
1908	123,700	126,644	118,953	130,141
1910	.....	.....	97,648	115,627
1912†	58,386	114,232	63,061	114,044
1914‡	.....	.....	129,096	95,640
1916§	102,308	178,816	117,723	151,962
1918	.....	.....	112,693	102,397
1920	173,298	104,936	174,488	108,738
1922	.....	.....	134,353	138,098
1924¶	193,956	75,238	177,298	150,229
1926	.....	.....	116,756	183,342
1928	253,872	133,131	144,167	240,160
1930	.....	.....	124,157	197,067
1932	189,617	250,877	183,258	257,188

* People's party.
† Progressive party vote was 72,306 for president and 66,132 for governor. Socialist vote, 16,418 for president and 16,194 for governor.
‡ Progressive vote for governor was 33,320; Socialist, 10,516.
§ Socialist vote, 10,049 for president and 12,495 for governor.
¶ La Follette Progressive vote for president, 57,368.
In 1892 Populist vote for governor was 44,242.
In 1894 Populist vote for governor was 74,894.
Vote for governor in 1880, 1888 and 1890 is not available.

COLORADO CONGRESSIONAL DISTRICTS



ELECTION RETURNS BY COUNTIES FOR PRESIDENT

COUNTY	1932		1928		1924		
	Roosevelt Dem.	Hoover Rep.	Hoover Rep.	Smith Dem.	Coolidge Rep.	Davis Dem.	La Follette Prog.
Adams	4,554	2,812	4,031	2,265	2,955	1,209	893
Alamosa	2,141	1,306	1,759	1,239	1,012	625	812
Arapahoe	5,796	4,287	6,086	2,463	4,222	1,209	997
Archuleta	928	462	610	447	453	269	291
Baca	2,247	1,349	2,108	524	1,125	653	559
Bent	1,948	1,327	1,957	741	1,475	804	417
Boulder	8,412	7,487	9,457	4,363	7,614	3,273	1,839
Chaffee	2,393	1,061	1,880	1,230	1,322	612	1,017
Cheyenne	1,042	746	945	500	837	236	399
Clear Creek	939	597	790	481	726	284	80
Conejos	2,641	1,190	1,463	1,692	1,463	995	137
Costilla	1,475	707	657	1,070	744	665	92
Crowley	1,266	811	1,243	635	1,079	667	324
Custer	729	413	600	389	415	281	221
Delta	3,467	2,341	3,731	1,672	2,689	1,345	781
Denver	72,868	59,372	73,543	41,238	59,047	15,764	13,054
Dolores	464	183	387	278	100	157	169
Douglas	1,061	836	1,107	603	869	383	248
Eagle	1,348	712	1,014	570	680	431	414
Elbert	1,649	1,277	1,933	738	1,396	506	539
El Paso	11,353	12,017	16,243	5,069	9,965	4,140	3,636
Fremont	4,295	3,294	5,365	2,352	4,422	1,550	1,135
Garfield	2,946	1,734	2,435	1,562	1,927	917	808
Gilpin	539	271	299	236	361	161	124
Grand	771	598	770	451	658	308	239
Gunnison	1,807	985	1,456	1,135	1,125	598	744
Hinsdale	138	94	128	106	133	79	53
Huerfano	4,159	2,490	3,260	3,343	2,802	1,219	1,570
Jackson	415	390	401	249	385	111	72
Jefferson	6,023	5,522	6,754	2,880	4,861	1,271	1,312
Kiowa	1,113	769	1,024	458	781	431	430
Kit Carson	2,289	1,835	2,486	1,137	2,030	720	574
Lake	1,436	801	990	1,449	1,024	613	510
La Plata	3,156	2,124	2,837	1,872	1,474	1,516	930
Larimer	6,494	7,040	8,213	3,203	6,486	1,970	533
Las Animas	8,964	3,651	5,367	6,459	5,721	2,758	2,936
Lincoln	1,979	1,453	2,110	888	1,647	634	384
Logan	3,641	3,157	4,377	1,620	2,898	946	1,315
Mesa	6,682	4,388	6,446	3,223	4,053	2,388	2,291
Mineral	210	112	144	187	150	101	70
Moffat	1,388	880	1,346	710	1,012	647	151
Montezuma	1,779	887	1,341	772	686	721	557
Montrose	2,516	1,992	2,873	1,297	2,071	1,239	1,106
Morgan	3,181	3,370	4,197	1,242	3,267	757	370
Otero	5,107	3,974	5,788	1,876	4,624	1,938	1,106
Ouray	706	398	535	479	496	256	307
Park	1,057	577	740	419	645	316	158
Phillips	1,453	903	1,440	705	1,058	397	635
Pitkin	727	239	485	454	437	204	121
Prowers	3,020	2,568	3,228	1,216	2,566	1,042	505
Pueblo	15,325	10,414	15,541	7,881	10,609	4,917	3,460
Rio Blanco	826	687	860	429	741	407	64
Rio Grande	2,539	1,557	2,254	1,226	1,588	922	391
Routt	2,643	1,568	2,304	1,645	1,824	1,116	229
Saguache	1,427	931	1,491	854	1,211	591	234
San Juan	544	160	277	436	215	206	55
San Miguel	862	383	721	554	673	567	251
Sedgwick	1,288	884	1,247	580	799	372	297
Summit	397	224	362	306	343	241	124
Teller	1,534	752	1,184	1,037	1,262	592	616
Washington	2,378	1,385	2,132	851	1,771	720	681
Weld	11,182	10,754	13,719	5,762	10,211	3,406	2,169
Yuma	3,220	2,129	3,401	1,383	2,721	865	832
Total	250,877	189,617	253,872	133,131	193,956	75,238	57,368

ELECTED COUNTY OFFICIALS, 1934

(Terms, except County Judges, expire in January, 1935)

COUNTY	COUNTY JUDGE	CORONER	SURVEYOR	SUPERINTENDENT OF SCHOOLS
Adams	Homer G. Preston	Dr. J. Wm. Wells	Peter O'Brian, Sr.	Bertha L. Baker
Alamosa	John T. Walsh	Glen Miracle		Mabel A. O'Laughlin
Arapahoe	Henry Bruce Teller	Elizabeth M. Musgrave	S. L. Stewart	Minnie O. Davis
Archuleta	J. B. Patterson	L. C. Jackisch		Rachel L. Bunch
Baca	Fred E. Bear	Dr. D. D. Hamilton		Paul M. Mitchell
Bent	Herman A. Bailey	George W. Powell	Sydney Flinn	Loren D. Root
Boulder	E. J. Ingram	A. E. Howe	Fred A. Fair	Isabella D. Mayhoffer
Chaffee	Joseph Newitt	L. B. Stewart	Howard Sneddon	Bessie M. Shewalter
Cheyenne	Carl L. Law	A. H. Brentlinger	D. H. Zuck	Olive N. Comish
Clear Creek	George D. Criley	R. H. Pearce	Chas. L. Harrington	Elia N. Conwell
Conejos	Culver A. Green	Harron H. Haynie	Joseph F. Thomas	Estella Sowards
Costilla	Amos P. Rodriguez	Dr. Levi R. Wilhelm	A. H. Matin	Eleuto Medina
Crowley	I. H. Stanley	J. E. Jeffery	J. Logan Tucker	Nona Broadbent
Custer	Edward L. Mott	Charles A. Menzel	Frank Wagner	Lou C. Beaman
Delta	W. Guy Merritt	Edward C. Martin	Homer D. Graham	Hazel Leavitt
Dolores	George E. Hicks	Dr. R. S. Lipscomb	George N. Herron	Mary E. Livingston
Douglas	John L. Briscoe	S. E. Livingston	H. H. Curtis	Elizabeth E. Bennett
Eagle	Mabel A. Ethel	W. L. Conway	Carl I. Dismant	Georgia Heyer Clark
Elbert	F. D. Hart	Dale O. Groves	D. M. Sultz	Pauline V. Weiss
El Paso	Jas. F. Sanford	J. Thomas Coghlan	R. M. Cannon	Lucile Dee Horton
Fremont	Kent L. Eldred	D. H. Graves, M.D.	L. D. Miller	Grace Edwards
Garfield	Carl W. Fulghum	Dr. G. A. Hopkins	W. H. Trumbor	Alma A. Harris
Gilpin	Louis J. Carter	G. L. Hamllik	Harry L. Barr	Mrs. Amanda Wagner
Grand	J. N. Pettingell	A. C. Esmiol	Roy Polhamus	Dorothy L. Traber
Gunnison	R. G. Montgomery	Alex Campbell	John H. Robison	Mrs. Bertha N. McLain
Hinsdale	James T. Palmer	Lemon T. Beam	Brint N. Ramsey	Anna E. Davidson
Huerfano	W. W. Hammond	Herbert J. Furphy	Sidney Willburn	Amanda Simpson
Jackson	John A. McNamara	Dr. M. A. Durham		Ethlyn F. Riddle
Jefferson	George H. Lerg	Oyer A. Saunders	Harold W. Gardner	Naomi K. Olson
Kiowa	W. M. Ramsdale	Dr. J. G.Hopkins		Alma Vrooman
Kit Carson	Clarence L. Magee	Dr. E. J. Remington	Ira B. Rowbotham	Ora J. Cruickshank
Lake	Thomas Evans	James J. Corbett	Fred J. McNair	Annie M. Holden
La Plata	Thomas E. Higgins	O. B. Rensch	A. L. Kroeger	Celia F. Marshall
Larimer	Albert P. Fischer	Charles Day	James Andrews	Una S. Williams
Las Animas	J. Edgar Chenoweth	Roy Campbell	Earl T. Lindsay	W. F. Templin
Lincoln	C. M. Somerville	Wm. Deits	J. T. Compton	Burton Rice
Logan	H. Lawrence Hinkley	A. D. Jackson	J. E. Youngquist	Kate Lester
Mesa	Adair J. Hotchkiss	T. F. Voorhees	Frank C. Merriell	F. N. Nisley
Mineral	Theodore A. Wheeler	Benj. A. Birdsey	Don C. LaFont	Mrs. Carrie Vanaken
Moffat	Frank Smay	I. J. Robacker	L. J. Dolan	Eleanor C. McWilliams
Montezuma	John M. Brumley	Dr. E. E. Johnson	H. S. Owens	Mrs. Myrtle E. Jordan
Montrose	Earl Herman	C. G. Addington	J. E. McDaniels	Lucille Andreae
Morgan	A. W. Dulweber	L. H. Parker	A. W. Hill	Rose B. Glassey
Otero	Van D. Roughton	Alton S. Hansen	Vincent R. Guthrie	Robert H. McNeal
Ouray	D. N. McDonald	Dr. C. V. Bates	George R. Hurlburt	Jennie L. Brownlee
Park	Clarence S. Bullock	Dr. R. M. Burlingame	Gerald F. Galloway	Mayme R. O'Mailia
Phillips	Avery T. Searle	Harry B. Radford	C. A. Guernsey	Charles R. Peter
Pitkin	Wm. R. Shaw	Frank Hamilton		Hattie B. Burch
Prowers	Edw. O. Russell	C. T. Knuckey, M.D.	George H. Russell	Bernice Wilmoth
Pueblo	Hubert Glover	Dr. C. N. Caldwell	H. C. Wetmore	Nettie S. Freed
Rio Blanco	John E. Wix	Albert J. Cole	Marshall D. Hopkins	E. Esta Gentry (Miss)
Rio Grande	M. T. Hancock	George Nicoll	Glenn Cochran	Nina M. Weiss
Routt	John M. Childress	A. W. Heyer	Stanley Dismuke	Pearl A. Funk
Saguache	Birt Clare	S. W. Truitt		Eugene Williams
San Juan	Wm. Palmquist	Wm. Maguire	A. W. Harrison	Anna C. Bell
San Miguel	H. E. Dill	Dr. M. M. Blair	B. W. Purdy	Eloise Morgan
Sedgwick	B. D. Parker, Jr.	G. H. Austin	Charles M. Slusser	Elizabeth K. Zorn
Summit	Martin J. Waltz	L. C. Owens	Ralph Black	Mary H. Williams
Teller	R. A. Weisgerber	Mrs. Florence Craven	T. H. Evans Jones	Loretta Surber Davis
Washington	L. F. Crawford	Walter T. Gough	E. G. Beechler	Josie DeHart Jones
Weld	Robert G. Strong	Richard F. Armstrong	Lewis L. Stimson	Jerre F. Moreland
Yuma	I. L. Barker	W. H. Hitchcock	Grant Woodward	A. E. Stevenson

ELECTED COUNTY OFFICIALS, 1934—Continued

COUNTY	CLERK	TREASURER	ASSESSOR	SHERIFF
Adams	Arle E. Tripp	J. C. Counter	J. W. Tarlton	Lee Templeton
Alamosa	Chas. M. VanFleet	Alfred C. Kline	Olof Bergman	Maurice T. Smith
Arapahoe	E. E. Anderson	Claude Cartwright	H. C. Ohlman	Edward E. Monzingo
Archuleta	Philip R. Johnson	Fred Catchpole	Kenneth D. Hill	John H. Lattin
Baca	Walter P. Powell	Jason L. Beatty	V. L. Finch	Dixie T. Potter
Bent	Bernice Limbach	A. S. Dean	C. N. Troup	B. Casto Dunivan
Boulder	Fred W. Berger	Hermann Lennartz	A. A. Smith	George Richards
Chaffee	A. W. Samson	Charles C. White	Theo. M. Jacobs	Harve J. Swain
Cheyenne	Thos. H. McKown	Jennie E. Ross	R. A. Martinson	Phil Hollander
Clear Creek	C. S. Work	W. E. Walthers	Edmund Rowse	Edward J. Burns
Conejos	Kit Carson	Benjamin Espinoza	J. Candido Salazar	Lafayette Cantu
Costilla	J. J. Jaramillo	W. Dryden Smith	Anastacio Sanchez	J. P. Maestas
Crowley	R. R. Franklin	J. J. O'Connell	A. W. Drescher	W. J. Chapman
Custer	Williard A. Walker	L. H. Schoolfield	Fred W. Stewart	
Delta	Paul K. Osborne	Clement A. Bowle	T. C. Wand	Ray R. Lockhart
Dolores	Earl Eyre	Harold G. Keown	Edward E. Ballenger	Emil F. Baer
Douglas	Arch Curtis	Robert L. Jones	H. L. Shallabarger	C. H. Lowell
Eagle	Nettie M. Cave	Harry S. Dickerson	N. E. Bucholz	W. M. Wilson
Elbert	Loyd L. Moreland	J. W. Worrall	Jas. F. Mauldin	G. R. Brown
El Paso	C. R. Furrow	Albert H. Horton	A. W. Sparkman	Robert M. Jackson
Fremont	Katherine Komfala	Thos. M. Warner	Blake Rogers	D. P. VanBuskirk
Garfield	Walter J. Frost	C. H. Durant	Erle E. Hubbard	George L. Winters
Gilpin	Clifford I. Parsons	Hugh L. Lawry	William O. Ziege	Oscar Williams
Grand	R. O. Throckmorton	Charles W. Bloom	Simon Olson	Mark E. Fletcher
Gunnison	Sam C. Hartman	Benj. H. Snyder	Chas. F. Whinnery	Ed. T. Lindsley
Hinsdale	Mabel B. Rawson	Wm. F. Green	Walter E. Vernon	Hugh A. Coburn
Huerfano	Damacio Vigil	F. H. Danford	Felex B. Mestas	Harry J. Capps
Jackson	L. F. Mitchell	Florence A. Wilkins	Wm. H. Winscom	John D. Bulis
Jefferson	Monroe C. Everitt	Samuel A. Koenig	Paul V. Pattridge	James G. Biggins, Jr.
Kiowa	Mark Clay	C. W. Coughenour	A. A. Hall	W. P. Mayne
Kit Carson	Orville Swaim	Claus Rose, Jr.	Leonard I. Dawson	C. C. Gates
Lake	John Gregory	Frank E. Kendrick	John J. Bohen	Morgan Walsh
La Plata	Edith C. Kiel	Erwin A. Chubb	Chas. H. Conroy	Harry T. Ayres
Larimer	Hervey D. Hubbell	C. S. Ickes	H. K. Mitton	Geo. E. Saunders
Las Animas	Edward G. Hower	Forest E. Dunlavy	A. T. McCarty	E. A. Duling
Lincoln	John Abell	A. C. Moschel	G. W. Hicks	John J. Johnson
Logan	Samuel J. Neely	W. F. Alexander	Robert W. Swinney	Ray R. Powell
Mesa	Elijah W. Jordan	W. S. Meek	J. F. Shults	Chas. S. Lumley
Mineral	Herbert D. Barnhart	Wm. T. Jackson	John J. Weaver	Wm. Orthen
Moffat	M. E. McMahan	Lloyd W. Failing	W. O. Miner	Tom G. Blevins
Montezuma	Mabel C. Waldron	Claude H. Wilson	John G. Dunning	Wesley W. Dunlap
Montrose	Ira C. Foster	Frank E. Spencer	Charles I. Moore	A. M. McAnally
Morgan	Loyal C. Baker	Edw. H. Madison	Rob't M. Glassey	Rufus A. Johnston
Otero	Carlos M. Wilson	W. Lucas Woodall	Mac V. Danford	Ralph J. Whitton
Ouray	Harold E. Kiesel	Harry E. Stark	Patricio Stealey	Jess M. Wood
Park	Harry L. Moyer	Glen A. Young	James T. Witcher	Neal W. Brown
Phillips	Emma S. Kramer	Ray E. Crosby	Roy E. Owens	Frank A. Berger
Pitkin	Melbern M. Neihardt	Robert S. Killey	Paul R. Caley	J. H. Nicholson
Prowers	Vera Rosebrough	Fred Clark	Jesse E. Wright	Elton L. Leighton
Pueblo	A. G. Kochenberger	J. E. Creel	Thos. A. Christian	Lewis Worker
Rio Blanco	Claude J. Wilson	George E. Aicher	Frank W. Hossack	James C. Lamb
Rio Grande	E. J. Short	William F. McClure	E. E. Goodding	A. H. Webster
Routt		William Curtis	Clarence E. Horton	Fred Foster
Saguache	John T. Seyfried	W. L. Hammond	Jos. M. Sheesley	Ed. Paul
San Juan	Edna G. Gibbs	Raymond H. Doud	Alice M. Kimball	M. H. Doud
San Miguel	Harold T. Hogan	Chas. L. Spillman	M. E. Ballard	L. G. Warrick
Sedgwick	Ferne S. Munson	Mark Gyger	Leslie J. Bennett	Robt. L. Ireland
Summit	E. C. Peabody	George Robinson	Edward T. Stuard	F. S. Phillips
Teller	L. S. Cox	Wm. H. Dustin	Miss Blanche Cassady	Edward Vinyard
Washington	Verl R. Carpenter	Chester Kincheloe	Brandt Wenig	Wm. H. Meredith
Weld	Walter F. Morrison	Harvey E. Witwer	Chas. M. Whiteside	Wm. W. Wyatt
Yuma	Ray F. Morgan	Robt. L. Sheverbush	B. H. Yount	Raymond VanHorn

COUNTY COMMISSIONERS 1934

Adams—R. S. McIntosh, George S. Kemp, George A. Welsh.
Alamosa—Robert E. Sellers, Roscoe Mullings, Frank Gwartney.
Arapahoe—Chas. D. Courtright, W. W. Hanson, C. O. Sevier.
Archuleta—Harry C. Macht, Vic Johnson, Louis Montroy.
Baca—F. H. Schnaufer, W. A. Greathouse, Claud L. Bosley.
Bent—Prowers Hudnall, Alva C. Bart, O. H. Lubers.
Boulder—William Mitchell, M. G. Gelwicks, Matt McCaslin.
Chaffee—Frank Fehling, S. L. Taber, H. L. Johnson.
Cheyenne—W. A. Baber, F. H. Hadley, Charles E. Collins.
Clear Creek—George H. Curnow, H. W. Kirby, William Buckley.
Conejos—J. Fred Haynie, James E. Braiden, Max Duran.
Costilla—Jerry L. Morris, Tranquilino Manchego, J. M. Pacheco.
Crowley—Charles Roth, J. G. Boget, F. D. Taylor.
Custer—A. H. Johnston, Charles J. Donahoe, E. H. Georges.
Delta—George S. Roller, Ed. H. Crawford, Montford Gallup.
Dolores—Edward Baer, Ed. B. Baird, Percy R. Krantz.
Douglas—L. R. Highley, A. E. Failing, K. J. Baldauf.
Eagle—George W. Watson, H. A. Nottingham, Alfred M. Sloss.
Elbert—Dewey Carnahan, I. W. Northrup, Perry Davis.
El Paso—D. B. Campbell, Charles N. Wheeler, L. G. Niles.
Fremont—John B. Bald, Finis Parks, Charles Sell.
Garfield—Otto Hahnewald, John L. Heuschkel, C. G. Kendall.
Gilpin—John B. Doran, A. M. Fairchild, W. T. Sterling.
Grand—Frank Stafford, Arthur Wold, James E. Quinn.
Gunnison—Ralph A. Little, Edward R. Williams, William H. Whalen.
Hinsdale—John R. Liska, Valorous E. Osgerby, Paul C. Ramsey.
Huerfano—Clyde M. Johnson, W. E. Smith, Sabino Archuleta.
Jackson—T. John Payne, William Simpson, John A. Petersen.
Jefferson—Wm. George Duvall, John R. Browne, Gus A. Johnson.
Kiowa—P. O. Meyer, A. F. Wenger, J. O. Walker.
Kit Carson—John F. Lueken, Ray Bowers, G. M. Baxter.
Lake—Adolph T. Schaefer, William G. Frank, Charles E. Slavin.
La Plata—R. E. Nixon, John Perino, W. I. Gifford.
Larimer—A. L. Johnson, Henri S. McClelland, W. J. Rausler.
Las Animas—Frank Patterson, W. W. Taylor, Mauro Cordova.
Lincoln—Henry Hoopner, John Freel, R. E. Bucklen.
Logan—A. L. Litel, Ray E. Rieke, D. J. Harmon.
Mesa—Charles S. Jones, Howard O. Lambeth, Merritt G. Hinshaw.
Mineral—Ben A. Birdsey, John G. Dabney, Samuel McKibben.
Moffat—Thomas W. Rogers, P. L. Templeton, H. T. Deakins.
Montezuma—George W. Menefee, E. S. Porter, Frank Philley.
Montrose—H. P. Steel, D. Lewis Williams, H. E. Magraw.
Morgan—Soren Bach, George Glenn, Ernest Rosener.
Otero—D. P. McClaren, I. F. Haines, J. R. Cole.
Ouray—E. C. Fisher, Harry Gavin, Thos. V. Canavan.
Park—Harry C. Bishop, Ned Corbin, Frank H. Stevens.
Phillips—S. J. Meakins, John Sandquist, R. Claymon.
Pitkin—George B. Brown, Louis Vagneur, John R. Williams.
Prowers—L. M. Appel, George A. H. Baxter, Ray McGrath.
Pueblo—Earl M. Kouns, J. W. Goss, George Herrington.
Rio Blanco—Thos. J. Cassidy, Fred A. Nichols, Dennis Murray.
Rio Grande—H. J. Gilbreath, W. C. Lewis, O. A. Lindstrom.
Routt—Joseph F. Long, Henry J. Summer, Stanley Larson.
Saguache—J. W. Alexander, W. E. Gardner, Jacob Barsch.
San Juan—H. C. Johnston, C. W. Fleming, James Cole.
San Miguel—George G. Wagner, Edgar C. Haskill, Charles H. McKeever.
Sedgwick—R. L. Franklin, William T. Johnson, Henry Anderson.
Summit—Andrew Lindstrom, B. F. Rich, C. W. Bradley.
Teller—Alf. Coulson, H. L. Potts, Henry Fisher.
Washington—Ray L. Sergeant, Ray S. Stanley, Arthur Mitchell.
Weld—William A. Carlson, James S. Ogilvie, San K. Clark.

INITIATIVE AND REFERENDUM

A proposed constitutional amendment reserving to the people the right of initiative and referendum was submitted to popular vote by the legislature in 1910. It was adopted by the people in November of that year, and is Sec. 1 of Art. 5 of the constitution.

Since that time 11 biennial elections have been held, and at each election two or more measures have been submitted for action by the voters. The total number of proposals submitted since adoption of the constitutional amendment is 105, and of that number, 30, or about 28 per cent, have carried, and 75, or about 72 per cent, have been defeated. The number submitted each year, and the number carried and defeated, is as follows:

Year	Won	Lost	Total
1912	9	23	32
1914	4	12	16
1916	3	5	8
1918	5	..	5
1920	4	6	10
1922	2	8	10
1924	..	3	3
1926	..	7	7
1928	1	4	5
1930	..	2	2
1932	2	5	7
Totals	30	75	105

Of the total number submitted, 56 were proposed amendments to the constitution, of which number 27 were submitted by the legislature and 29 by

popular petition. Of the total of 56 proposed amendments, 41 were defeated and 15 were carried. Thirty-six proposed statutes were submitted, 35 being submitted by the legislature and one by petition. Of that number 12 were carried and 24 defeated.

The largest majority by which any measure was defeated was that scored against the proposal for the establishment of the office of State Printer, in 1924, which was defeated by a margin of 193,355. The largest majority cast in favor of any measure was that providing for the care of the insane, which carried in 1916 by a majority of 124,805.

The referendum has been successful in nullifying measures passed by the legislature in only three instances out of a total of 13 legislative acts referred. In the other 10 instances the legislature has been upheld by popular decision. Although in the first three elections after the establishment of the right of referendum 12 measures were referred to the people after legislative action, only one measure has been referred since 1916. That was the oleomargarine tax act, which was passed by the legislature in 1931 but was defeated by a majority of 83,358 at the election in November, 1932.

Prohibition has been before the people in various phases in seven instances since adoption of the initiative and referendum amendment. In four instances the prohibition measures were successful and in three elections the anti-prohibitionists prevailed. The two outstanding tests were the adoption of the so-called "bone dry" amendment in 1918, which was adopted by a majority of 48,896, and the initiated measure repealing all constitutional and statutory prohibition provisions previously enacted. The repeal amendment was adopted in November, 1932, by a majority of 50,540.

In three of the 11 elections none of the measures submitted to popular vote carried, and in one election—that of 1918—all proposed measures were adopted.

QUALIFICATIONS OF VOTERS

Every person over the age of 21 years, possessing the following qualifications, shall be entitled to vote at all elections in Colorado:

He shall have resided in the state one year immediately preceding the election at which he offers to vote; in the county 90 days; in the city or town 30 days; and in the ward or precinct 10 days.

Every female person shall be entitled to vote at all elections in the same manner and in all respects as male persons, and the same qualifications apply.

All elective candidates for offices at general elections are nominated in primary elections held on the second Tuesday in September, biennially. Candidates for nominations in the primary elections may be chosen in assembly by political parties as party nominees or their names may be placed upon the primary ballots by petition. Candidates nominated by petition for any district office greater than a county must file petitions signed by not less than 300 qualified electors and for other offices by not less than 100 electors. No petition shall require more signers than 10 per cent of the gubernatorial votes cast by such political party at the last preceding election in such political subdivision.

All ballots cast in primary elections are for party designations.

All voters must be registered upon the rolls opened by the boards of registry in the political subdivisions. A person once registered does not have to register again unless he has failed to vote at the preceding general election or he has changed his residence in the meantime.

The headless ballot is provided at all general elections and electors vote for each candidate individually by placing a cross in a space provided opposite the candidate's name.

MALES OF MILITIA AGE

In the event of war or any other situation requiring the enlistment of armed forces from the civilian population Colorado will have 213,703 males of militia age from which to make the draft. This figure is based on the 1930 census of males between the ages of 18 and 44 years, an increase of 6,724 compared with 1920. The number is almost equally divided between the urban and rural population. Colorado furnished 42,898 men for the world war. The first call in a selective enlistment usually is confined to the unmarried males. There were 125,015 single males 15 years old and over in the state in 1930, one-third of the total males of that age limit.

Banks and Banking

THE bank holiday in March, 1933, in which all banks in the country were closed temporarily by the president of the United States, was followed by most of the state and national banks in Colorado resuming business on a normal basis, and on December 31, 1933, there were 163 banks in the state in operation with aggregate deposits of $215,160,276 and total assets of $261,318,404, or an excess of $46,158,128 in assets over deposits. Loans and discounts at the close of 1933 amounted to $65,914,753. These figures are not strictly comparable with other years due to the omission of statistics of banks closed during the holiday which were in control of conservators, or being reorganized or liquidated on December 31, 1933. Since that date some of these have resumed. After eliminating the banks just mentioned, the active banks at the close of 1933 showed a decrease in deposits of only 5.1 per cent, compared with the same date in 1932. Total assets showed a decrease of 8.3 per cent, and loans and discounts, 27.5 per cent.

A table published herewith shows the number of banks in the state, their aggregate loans and discounts, deposits and total assets as of December 31, by years, beginning with 1916. The figures reflect in a measure the expansion of business during the war period, the post-war adjustment, the recovery in more recent years up to 1929 and the extent of the depression in subsequent years.

Another table gives the bank clearings of Denver, Colorado Springs and Pueblo by years beginning with 1920. This shows that the maximum volume of cleared business was reached in 1929 in all three cities.

Another table shows the loans and discounts, deposits and total assets of all banks, by counties, for the calendar years of 1933 and 1932.

Another table gives a list of all banks in the state by counties, names and locations.

COLORADO BANK STATISTICS

(As of December 31 of the Year Named)

YEAR	No. of Banks	Loans and Discounts	Total Deposits	Total Assets
1916	*	$128,371,147	$228,154,528	*
1917	*	155,557,002	257,115,214	$299,885,059
1918	373	164,633,522	255,887,031	305,782,264
1919	403	211,091,565	319,594,259	381,780,464
1920	402	219,304,440	296,208,939	368,644,393
1921	387	189,272,334	270,207,824	327,655,318
1922	311	193,293,542	304,585,906	367,510,948
1923	357	188,994,720	299,786,014	355,960,695
1924	338	181,523,399	329,909,726	380,811,824
1925	317	169,220,508	321,062,937	364,966,320
1926	306	165,407,957	321,696,881	366,082,565
1927	284	162,723,310	321,739,131	*
1928	284	172,236,431	327,598,487	371,722,374
1929	275	172,871,041	311,040,485	357,265,628
1930	257	147,521,449	309,991,117	379,998,686
1931	221	117,196,645	259,134,580	319,289,223
1932	208	90,888,760	226,725,182	284,992,445
1933	163	65,914,753	215,160,276	261,318,404

*Data not available.

BANK CLEARINGS OF PRINCIPAL CITIES

Year	Denver	Pueblo	Colorado Springs
1920	$1,968,274,696	$52,079,068	$62,282,893
1921	1,527,547,229	41,480,801	50,096,140
1922	1,551,636,800	40,394,514	53,841,091
1923	1,655,870,320	44,549,719	61,091,662
1924	1,611,163,932	50,384,169	56,755,109
1925	1,732,799,082	59,266,536	63,681,224
1926	1,688,644,834	63,275,607	61,751,001
1927	1,732,674,525	69,302,494	64,167,039
1928	1,863,582,872	76,582,861	70,177,442
1929	2,027,274,024	90,395,740	71,753,636
1930	1,694,207,214	79,301,192	61,740,665
1931	1,342,832,980	62,042,177	51,016,097
1932	960,057,246	36,266,401	34,477,507
1933	896,617,504	21,986,583	25,341,507

MOTION PICTURE THEATERS

There were 277 motion picture theaters in Colorado on January 1, 1933, of which 175 were wired for sound and 102 were silent houses, according to the Film Daily Year Book. This was a decrease of 21 as to the number of theaters and an increase of 37 in the number wired as compared with January 1, 1931. These theaters, which include all types, are located in 182 cities and towns and government hospitals and have a seating capacity of 110,066, exclusive of a number in the smaller towns. The number of towns represented in this list decreased by 32 and seating capacity decreased by 9,147 compared with the same date two years ago.

Denver leads the list with 41 theaters with a seating capacity of 39,124 and Pueblo comes second with eight theaters with a seating capacity of 5,858. Colorado Springs, which ranked second on January 1, 1931, has eight theaters with a seating capacity of 4,942. Of the 175 wired theaters reported in all cities and towns on January 1, 1933, there were 23 temporarily closed and 152 were open. All of the Denver theaters are wired for sound with the exception of two which were closed. The four largest theaters in the state are in Denver, these having seating capacity of 2,650, 2,269, 2,200 and 2,096.

Denver is a distributing center for motion picture films and equipment over a large territory and 21 branches of national distributors and independent exchanges are located in the city, an increase of six compared with January 1, 1931. There are two establishments in the state engaged in producing commercial films, one at Colorado Springs and the other at Denver. There are seven accessory dealers in the state, all in Denver, who sell direct to the theaters.

PREDATORY ANIMAL AND RODENT CONTROL

For the protection of crops, range grasses, livestock, game and ground nesting birds, the bureau of biological survey of the United States department of agriculture co-operates with the state board of stock inspection commissioners in predatory animal control and with the state board of agriculture through the agricultural extension service in rodent control. Livestock associations, counties, individuals and the forest service also co-operate in these control activities.

During the fiscal year 1932 co-operative predatory animal control accounted for 3,414 coyotes, 171 bobcats, two mountain lions, and 24 stock-killing bears.

In co-operative rodent control campaigns a total of 216,647 pounds of poisoned bait has been distributed. The poisoned baits were used in treating 628,343 acres for the control of prairie dogs, and 83,416 acres for the control of ground squirrels. More than 1,934 pounds of poisoned bait was placed for the control of rats, pocket gophers and jackrabbits.

COLORADO BANK STATISTICS

COUNTY	December 31, 1933			December 31, 1932		
	Loans and Discounts	Deposits	Total Assets	Loans and Discounts	Deposits	Total Assets
Adams	$ 64,056	$ 274,027	$ 338,083	$ 252,878	$ 548,478	$ 704,184
Alamosa	420,687	833,398	1,091,945	698,275	961,046	1,335,691
Arapahoe	168,680	474,245	624,628	391,781	818,328	1,139,176
Archuleta	25,104	72,362	97,466	86,107	79,415	165,521
Baca	232,038	421,651	616,686	338,146	427,644	658,984
Bent	465,303	556,280	963,137	528,197	569,350	1,033,598
Boulder	1,456,874	3,338,335	4,331,698	2,589,673	5,249,067	7,024,430
Chaffee	174,960	944,181	1,175,527	291,413	967,655	1,297,091
Cheyenne	64,705	101,533	166,238	184,723	143,195	327,918
Clear Creek	48,102	126,539	174,641	62,200	104,750	166,950
Conejos	189,680	330,695	489,334	344,895	280,314	502,249
Costilla	14,440	82,849	97,289	33,378	58,612	91,991
Crowley	130,413	252,246	384,961	206,755	314,041	530,463
Custer	80,023	114,249	194,272	103,093	140,016	243,109
Delta	640,777	1,189,585	1,849,524	836,186	1,202,166	1,979,280
Denver	33,131,064	131,113,344	154,136,509	42,512,787	134,633,725	159,332,452
Dolores	.....	.....	.....	.....	.....	.....
Douglas	30,864	31,218	62,082	239,723	255,661	406,807
Eagle	171,399	291,037	355,845	222,457	278,184	364,838
Elbert	389,178	472,829	862,007	436,103	519,198	955,301
El Paso	7,827,421	15,327,350	19,063,669	9,133,046	16,046,855	20,251,158
Fremont	791,641	2,363,494	2,668,728	958,187	2,405,014	2,861,988
Garfield	671,498	1,501,215	1,834,295	1,034,792	1,504,501	1,959,636
Gilpin	.....	.....	.....	19,362	229,539	286,059
Grand	116,731	233,091	349,822	123,926	250,306	374,232
Gunnison	483,616	926,490	1,331,264	567,242	987,362	1,417,652
Hinsdale	.....	.....	.....	.....	.....	.....
Huerfano	741,239	1,536,680	1,803,816	841,823	1,662,085	2,080,050
Jackson	.....	.....	.....	.....	.....	.....
Jefferson	82,724	181,484	216,987	421,803	938,712	1,276,466
Kiowa	10,803	17,771	28,573	232,722	220,081	443,261
Kit Carson	233,613	417,364	560,234	290,031	415,503	613,482
Lake	59,091	1,079,810	1,204,743	78,499	1,012,495	1,139,075
La Plata	645,225	1,664,032	2,152,441	978,809	1,778,659	2,487,658
Larimer	1,421,712	2,952,211	3,657,938	2,496,745	3,933,859	5,688,339
Las Animas	808,849	4,009,161	4,643,666	1,595,230	5,213,759	6,267,737
Lincoln	353,294	483,774	660,174	396,956	430,372	681,290
Logan	681,715	1,388,754	2,064,484	926,609	1,423,427	2,353,440
Mesa	589,152	1,873,317	2,567,478	1,722,994	2,283,193	3,601,778
Mineral	.....	.....	.....	.....	.....	.....
Moffat	.....	.....	.....	.....	.....	.....
Montezuma	179,310	160,187	339,498	840,959	555,474	1,280,199
Montrose	873,180	1,393,055	1,837,386	1,075,160	1,343,082	1,834,759
Morgan	750,884	1,261,031	1,808,181	1,723,613	1,977,193	3,459,300
Otero	771,871	1,381,935	2,103,154	1,173,817	1,629,646	2,685,815
Ouray	71,550	147,508	219,058	103,318	162,631	265,949
Park	81,962	192,304	274,266	91,595	173,721	265,316
Phillips	191,542	421,551	551,084	281,304	389,752	620,279
Pitkin	81,510	229,645	311,156	106,396	282,282	388,678
Prowers	221,887	837,256	1,135,349	910,215	1,064,352	1,600,492
Pueblo	4,904,760	21,106,259	25,822,462	6,215,047	19,638,751	24,824,512
Rio Blanco	178,436	249,541	311,800	309,828	275,874	410,874
Rio Grande	.....	.....	.....	594,902	603,734	1,198,636
Routt	101,522	292,901	394,423	173,568	301,184	474,752
Saguache	225,163	403,802	588,069	309,038	301,295	566,565
San Juan	47,720	279,887	356,426	69,264	394,608	486,351
San Miguel	.....	.....	.....	.....	.....	.....
Sedgwick	243,053	349,329	533,367	339,442	338,008	624,406
Summit	34,968	87,672	122,640	39,727	88,962	128,689
Teller	135,477	1,878,149	1,953,327	128,213	1,369,071	1,439,278
Washington	180,378	413,169	537,402	204,445	390,279	515,247
Weld	2,755,826	6,316,841	8,061,298	3,363,857	6,302,023	8,438,498
Yuma	467,083	781,653	1,237,274	657,506	856,693	1,440,516
State	$ 65,914,753	$215,160,276	$261,318,404	$ 90,888,760	$226,725,182	$284,992,445

Figures for 1933 are not strictly comparable with other years due to omission of statistics of banks closed during the bank holiday in March, 1933, which are in the control of conservators or are being reorganized or liquidated. Some of these have since resumed, but inasmuch as their final status was not determined on December 31, 1933, the date upon which statistics for this table are based, they have been omitted.

Colorado Banks

(As of December 31, 1933)

Adams County

Bennett State Bank—Bennett
Brighton State Bank—Brighton

Alamosa County

American National Bank—Alamosa
First State Bank of Alamosa—Alamosa
Hooper State Bank—Hooper

Arapahoe County

Byers State Bank—Byers
Littleton National Bank—Littleton
First National Bank—Strasburg

Archuleta County

Citizens Bank of Pagosa Springs—Pagosa Springs

Baca County

First State Bank—Pritchett
First National Bank—Springfield
Bank of Baca County—Two Buttes
Colorado State Bank—Walsh

Bent County

Bent County Bank—Las Animas
First National Bank—Las Animas
McClave State Bank—McClave

Boulder County

Mercantile Bank & Trust Co.—Boulder
National State Bank—Boulder
First National Bank—Longmont
Longmont National Bank—Longmont
First State Bank of Louisville—Louisville
State Bank of Lyons—Lyons

Chaffee County

First National Bank—Salida

Cheyenne County

Kit Carson State Bank—Kit Carson

Clear Creek County

Bank of Idaho Springs—Idaho Springs

Conejos County

Commercial State Bank—Antonito
First National Bank—La Jara
Colonial State Bank—Manassa

Costilla County

San Luis State Bank—San Luis

Crowley County

Crowley State Bank—Crowley
First National Bank—Ordway
Ordway State Bank—Ordway
State Bank of Sugar City—Sugar City

Custer County

Westcliffe State Bank—Westcliffe

Delta County

First National Bank—Cedaredge
Crawford State Bank—Crawford
Colorado Bank & Trust Co.—Delta
First State Bank—Hotchkiss
First National Bank—Paonia

Denver County

American National Bank—Denver
Colorado State Bank of Denver—Denver
Central Savings Bank & Trust Co.—Denver
Colorado National Bank—Denver
Denver National Bank—Denver
First National Bank—Denver
Guardian Trust Co.—Denver
International Trust Co.—Denver
National City Bank—Denver
United States National Bank—Denver

Dolores County

No Banks.

Douglas County

Douglas County Bank—Parker

Eagle County

First National Bank—Eagle

Elbert County

Elbert County State Bank—Elbert
Kiowa State Bank—Kiowa
Simla State Bank—Simla

El Paso County

Colorado Savings Bank—Colorado Springs
Colorado Springs National Bank—Colorado Springs
Colorado Title & Trust Co.—Colorado Springs
Exchange National Bank—Colorado Springs
First National Bank—Colorado Springs
Bank of Manitou—Manitou
Farmers State Bank—Peyton

Fremont County

First National Bank—Canon City
Fremont County National Bank—Canon City
First National Bank—Florence

Garfield County

First National Bank—Carbondale
First National Bank—Glenwood Springs
Garfield County State Bank—Grand Valley
New Castle State Bank—New Castle
Rifle National Bank—Rifle
First State Bank—Silt

Gilpin County

No Banks.

Grand County

First State Bank of Sulphur Springs—Hot Sulphur Springs
Bank of Kremmling—Kremmling

Gunnison County

First National Bank—Gunnison
Gunnison Bank & Trust Co.—Gunnison

Hinsdale County

No Banks.

Huerfano County

First National Bank—Walsenburg
Guaranty State Bank—Walsenburg

Jackson County

No banks.

Jefferson County

First National Bank—Arvada

Kiowa County

Peoples State Bank of Towner—Towner

Kit Carson County

Bank of Burlington—Burlington
First National Bank—Flagler
First National Bank—Stratton

Lake County

Carbonate American Nat'l Bank—Leadville

La Plata County

Burns National Bank—Durango
First National Bank—Durango
Ignacio State Bank—Ignacio

Larimer County

Berthoud National Bank—Berthoud
Estes Park Bank—Estes Park
Poudre Valley National Bank—Ft. Collins
First National Bank—Loveland

Las Animas County

Commercial Savings Bank—Trinidad
First National Bank—Trinidad

Lincoln County

First National Bank—Hugo
First National Bank—Limon

Logan County

First National Bank—Fleming
Iliff State Bank—Iliff
Commercial Savings Bank—Sterling
Security State Bank—Sterling

Mesa County

Stockman's Bank—Collbran
Bank of DeBeque—DeBeque
First National Bank—Fruita
First National Bank—Grand Junction
United States Bank—Grand Junction

Mineral County

No Banks.

Moffat County

No Banks.

Montezuma County

J. J. Harris & Company, Bankers—Dolores

Montrose County

First National Bank—Montrose
Montrose National Bank—Montrose
First National Bank—Olathe

Morgan County

Farmers State Bank—Brush
First National Bank—Brush
Farmers State Bank—Ft. Morgan

Otero County

Fowler State Bank—Fowler
First National Bank—Fowler
Colorado Savings & Trust Co.—La Junta
La Junta State Bank—La Junta
J. N. Beatty & Company, Bankers—Manzanola
Rocky Ford National Bank—Rocky Ford
First State Bank of Swink—Swink

Ouray County

Citizens State Bank—Ouray

Park County

Bank of Alma—Alma
Bank of Fairplay—Fairplay

Phillips County

Haxtun State Bank—Haxtun
First National Bank—Holyoke
Paoli State Bank—Paoli

Pitkin County

Aspen State Bank—Aspen

Prowers County

American State Bank—Granada
First National Bank—Holly
First National Bank—Lamar
Valley State Bank—Lamar
Bank of Wiley—Wiley

Pueblo County

First National Bank—Pueblo
Minnequa Bank of Pueblo—Pueblo
Pueblo Savings Bank & Trust Co.—Pueblo
Southern Colorado Bank—Pueblo
Western National Bank—Pueblo
Bank of Rye—Rye

Rio Blanco County

First National Bank—Meeker

Rio Grande County

No Banks.

Routt County

Oak Creek State Bank—Oak Creek
Bank of Steamboat Springs—Steamboat Springs

Saguache County

First National Bank—Center
Saguache County National Bank—Saguache

San Juan County

First National Bank—Silverton

San Miguel County

No Banks.

Sedgwick County

First National Bank—Julesburg
First National Bank—Sedgwick

Summit County

Engle Brothers Exchange Bank—Breckenridge

Teller County

First National Bank—Cripple Creek

Washington County

Citizens National Bank—Akron
Farmers State Bank—Cope
First National Bank—Otis

Weld County

Farmers National Bank—Ault
Briggsdale State Bank—Briggsdale
Erie Bank—Erie
Fort Lupton State Bank—Fort Lupton
First National Bank—Greeley
Greeley Union National Bank—Greeley
Weld County Savings Bank—Greeley
Hereford State Bank—Hereford
First National Bank—Johnstown
Platteville National Bank—Platteville
Roggen State Bank—Roggen
First National Bank—Windsor

Yuma County

Eckley State Bank—Eckley
First State Bank—Idalia
First State Bank—Kirk
Laird State Bank—Laird
Vernon State Bank—Vernon
First National Bank—Wray
National Bank—Wray
Farmers State Bank—Yuma

STRIKES AND LOCKOUTS

Colorado in recent years has been comparatively free from strikes and lockouts in industry. The United States department of labor reported only three disputes beginning in the state in 1932 leading to strikes or lockouts, four in 1931 and none in 1930. The number of disputes beginning in the years named as reported by that agency are as follows for Colorado:

1916	17	1925	10
1917	48	1926	5
1918	32	1927	5
1919	31	1928	5
1920	22	1929	1
1921	27	1930	..
1922	7	1931	4
1923	3	1932	3
1924	5		

Colorado Commercial Organizations

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

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

State Association of Commercial Organizations of Colorado—E. E. Jackson, Colorado Springs, president; Elmore Petersen, Boulder, secretary.

Colorado Association of Real Estate Boards—A. D. Wall, Denver, president; Wesley J. Towne, 217 Chamber of Commerce building, Denver, secretary.

State Chamber of Commerce—Thomas Gray, Fort Collins, president; John T. Burns, executive secretary, Albany Hotel, Denver.

Colorado Manufacturers and Merchants Association—E. J. Yetter, Denver, president; E. C. Dawson, Denver, executive secretary; office, 612 California building, Denver.

The following table of commercial organizations by counties is revised to April 20, 1934.

COLORADO COMMERCIAL ORGANIZATIONS

Adams County

Aurora—Commercial Club; Frank M. Shedd, president; John F. Burke, secretary.

Alamosa County

Alamosa—Chamber of Commerce; Lee Long, president; Charles L. Dynes, secretary.

Arapahoe County

Byers—Commercial Association; H. R. Derby, president; Hal Parmeter, secretary.

Englewood—Chamber of Commerce; Russell E. Abbott, president; E. B. Cartwright, secretary.

Littleton—Civic and Commercial Association; F. M. Moore, president; H. S. Ramsey, secretary.

Baca County

Springfield—Chamber of Commerce; Ralph Williams, president; Ben Wofford, secretary.

Bent County

Las Animas—Chamber of Commerce; Arthur S. Dean, president; G. C. Caldwell, secretary.

Boulder County

Boulder — Chamber of Commerce; M. D. Bradfield, president; Eben G. Fine, secretary.

Longmont—Chamber of Commerce; C. S. Wees, president; Hilda Mills, secretary.

Lyons—Commercial Association; J. G. Parks, president; Mrs. C. L. Niner, secretary.

Chaffee County

Salida—Chamber of Commerce; Max Heberer, president; Owen E. Roddis, secretary.

Cheyenne County

Cheyenne Wells—Chamber of Commerce; S. S. Cobb, president; R. A. Pfost, secretary.

Kit Carson—Chamber of Commerce; Elden Platner, president; Duncan Dunn, secretary.

Clear Creek County

Empire—Commercial Association; G. H. Anderson, president; E. E. Koch, secretary.

Conejos County

Antonito—Chamber of Commerce; Dr. H. C. Meyers, president; J. D. Frazey, secretary.

Crowley County

Ordway—Lions Club; J. C. Wells, president; Ralph Kipper, secretary.

Sugar City—Service Club; L. A. Richards, president; C. E. Johnson, secretary.

Delta County

Crawford — Chamber of Commerce; Henry E. Welborn, president; Chas. M. Hillman, secretary.

Delta—Delta Chamber of Commerce, Oscar B. Swanson, president; James F. Weeland, secretary.

Hotchkiss—North Fork Chamber of Commerce; C. F. Myers, president; H. D. Shiles, secretary.

Paonia—Chamber of Commerce; L. A. Grove, president; O. J Stone, secretary.

Denver County

Denver — Chamber of Commerce; William E. Russell, president; G. E. Collison, secretary.

Denver—Rocky Mountain Motorists, Inc.; John Huntington, president; Clarence Werthan, secretary.

Dolores County

Rico—Dolores County Chamber of Commerce; Dennis Mullins, president; F. J. Koenig, secretary.

Eagle County

Eagle—Chamber of Commerce; A. B. Koonce, president; Leo F. Fessenden, secretary.

El Paso County

Colorado Springs—Chamber of Commerce; Arthur Evans, president; E. E. Jackson, secretary.

Fremont County

Canon City—Chamber of Commerce; B. P. McCormick, president; Mary Jo Shores, secretary.

Florence — Chamber of Commerce; R. R. Morrow, president; Lynn Smith, secretary.

Penrose — Beaver Park Farm and Commercial Club; E .A. Stowe, president; W. G. Keiry, secretary .

Garfield County

Glenwood Springs—Chamber of Commerce; M. J. Mayes, president; C. W. Filghum, secretary.

Grand Valley—Chamber of Commerce; Henry Alber, president; G. E. Richardson, secretary.

Rifle—Chamber of Commerce; Dr. E. W. R. Morelock, president; Fred Gateley, secretary.

Grand County

Hot Sulphur Springs—Commercial Club; H. O. Gray, president; N. C. Huffaker, secretary.

Gunnison County

Gunnison—Gunnison County Chamber of Commerce; H. F. Lake, Jr., president; S. C. Hartman, secretary.

Jefferson County

Arvada — Chamber of Commerce; Dr. M. E. McBrayer, president; John E. Meier, secretary.

Kiowa County

Eads—Business Men's Club; W. M. Ramsdale, president; W. V. Kerr, secretary.

Kit Carson County

Burlington—Chamber of Commerce; H. W. Gleason, president; P. L. Bruner, secretary.

Flagler—Community Club; G. M. Baxter, president; Gust Westman, secretary.

La Plata County

Durango—Chamber of Commerce; G. F. Snyder, president; J. P. Channell, secretary.

Larimer County

Berthoud — Chamber of Commerce; Ovid Ludlow, president; P. R. Stranahan, secretary.

Estes Park—Chamber of Commerce; F. T. Francis, president; William Dings, secretary.

Fort Collins—Chamber of Commerce; Thomas J. Gray, president; D. L. Anderson, secretary.

Loveland — Chamber of Commerce; Chas. A. Pierce, president; Vera Mothershed, secretary.

Wellington—Chamber of Commerce; E. T. Puleston, president; A. L. Carlson, secretary.

Las Animas County

Trinidad — Trinidad-Las Animas County Chamber of Commerce; W. E. Inglis, president; J. C. Caldwell, secretary.

Lincoln County

Hugo—Commercial Club; J. P. Iseman, Sr., president; J. J. Missemer, secretary.

Limon—Chamber of Commerce; A. C. Sinclair, president; Daniel Houtz, secretary.

Logan County

Merino—Merino Progress Club; K. C. Brown, president; A. A. Pickering, secretary.

Sterling—Chamber of Commerce; Marcus C. Leh, president; Mrs. Edith Kane, secretary.

Mesa County

Collbran—Plateau Valley Chamber of Commerce; Dr. Wm. Zinke, president; J. C. Mardis, secretary.

Fruita—Chamber of Commerce; F. W. Bocking president; Earl Brumbaugh, secretary.

Grand Junction—Chamber of Commerce; Wyman Sanford, president; W. M. Wood, secretary.

Palisade — Chamber of Commerce; Grant Crissy, president; Wayne N. Aspinall, secretary.

Moffat County

Craig—Lions Club; E. V. Haughey, president; John H. McGinnis, secretary.

Montezuma County

Cortez—Chamber of Commerce; W. Carpenter, president; W. V. Olin, secretary.

Dolores—Chamber of Commerce; S. H. Phlegar, president; H. G. Gaines, secretary.

Mancos—Chamber of Commerce; E. C. Mallett, president; J. C. Rumberg, secretary.

Montrose County

Montrose—Montrose County Chamber of Commerce; R. E. Hauser, president; Mrs. N. M. Fleming, secretary.

Morgan County

Brush—Civic Club; Harold Gray, president; John McLagan, secretary.

Fort Morgan — Chamber of Commerce; R. B. Spencer, president; C. E. Wagner, secretary.

Orchard — Commercial Club; H. J. Gearhart, president; Joseph Korsoski, secretary.

Weldona—Chamber of Commerce; J. L. Markley, president; M. O. York, secretary.

Otero County

La Junta—Chamber of Commerce; J. H. Humphries, president; F. R. Brown, secretary.

Manzanola—Commerce Club; E. L. Stephens, president; A. W. Warner, secretary.

Rocky Ford—Chamber of Commerce; F. S. Johnson, president; B. E. Stronse, secretary.

Ouray County

Ouray—Chamber of Commerce; R. E. Kullerstrand, president; M. W. Driscoll, secretary.

Prowers County

Granada—Journal Publishing Co.; A. L. McDonald, president and secretary.

Holly—Commercial Club; J. C. McMurtry, president; S. P. McKinney, secretary.

Lamar—Chamber of Commerce; Marion E. Strain, president; L. H. Markham, secretary.

Wiley — Commercial Club; Charles Lennox, president; R. H. Horner, secretary.

Pueblo County

Pueblo—Chamber of Commerce; Ben Bergerman, president; P. A. Gray, secretary.

Rye—Chamber of Commerce; J. W. Stewart, president; C. W. Miller, secretary.

Rio Blanco County

Meeker—Rio Blanco Commercial Club; P. A. Hauser, president; Ted Wright, secretary.

Rio Grande County

Del Norte — Chamber of Commerce; Verne McCallister, president; Charles W. Donnen, secretary.

Monte Vista—Commercial Club; O. A. Cunningham, president; John H. Beatty, secretary.

Routt County

Hayden—Lions Club; F. A. Videon, president; Dr. C. L. Johnson, secretary.

Steamboat Springs—Commercial Club; Roy Hofstetter, president; E. D. Light, secretary.

San Juan County

Silverton—Commercial Club; E. W. Woller, president; James Pilling, secretary.

San Miguel County

Norwood—Chamber of Commerce; C. H. McKeever, president; Dr. J. H. Cheney, secretary.

Telluride—Lions Club; H. G. Dill, president; H. T. Hogan, secretary.

Sedgwick County

Ovid—Chamber of Commerce; Frank Willard, president; Monford L. Jackson, secretary.

Summit County

Dillon—Chamber of Commerce; E. C. Peabody, president; I. W. Blundell, secretary.

Teller County

Cripple Creek—Cripple Creek Motor and Commercial Club; Paul H. House, president; F. W. Bruington, secretary.

Victor—Commercial Club; Eric Johnson, president; Dan Harrington, secretary.

Washington County

Otis—Commercial Club; Walter H. Tecker, president; Henry V. Allen, secretary.

Weld County

Ault — Community Club; Frank J. Cline,, president; A. L. Cordill, secretary.

Eaton—Eaton Rotary Club; John C. Casey, president; E. K. McMillen, secretary.

Greeley — Chamber of Commerce; Fred Norcross, president; E. H. Folbrecht, secretary.

Hudson — Commercial Club; S. R. Smith, secretary.

Johnstown—Commercial Club; C. M. Keller, president; Frank Stanahan, secretary.

Milliken—Community Club; L. W. Deffenbaugh, president; O. L. Altvater, secretary.

Windsor—Community Club; C. W. Besel, president; Roy Ray, secretary.

Yuma County

Wray—Commercial Club; David Grigsby, president; Roscoe Bullard, secretary.

Yuma—Chamber of Commerce; Webb D. Martin, president; L. E. Fitzgerald, 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 compiled monthly data on the average retail prices of 42 articles of food in the principal cities of the United States. Until August, 1933, when it began collecting these statistics bi-monthly. The combined cost of one unit (pound, dozen or can) of each of these articles for the United States on October 15, 1933, based on the average retail price and the median between October 10 and October 24, was $6.96. On the same date the aggregate cost of the same units at the average retail prices in Denver was $6.65, or 31 cents less than the average price for the United States. In other words, the average retail prices of the 42 articles of food on that date was 4.5 per cent less in

Denver than the average for the country as a whole.

The aggregate cost of the 42 articles of food at average retail prices in Denver and the United States (one unit of each) on October 15 for the years named is as follows:

	Denver	U. S.	Difference
1926	$ 9.82	$10.98	$1.16
1927	9.64	10.77	1.13
1928	10.11	11.10	.99
1929	9.86	10.90	1.04
1930	9.30	10.21	.91
1931	7.86	8.48	.62
1932	6.70	7.01	.31
1933	6.65	6.96	.31

There is published herewith a table showing the combined cost of one unit of each of the 42 articles of food at the average retail prices in Denver and 17 typical cities on October 15, 1933, with comparisons for the same date in 1932, 1931, 1930, 1929, 1928 and 1927. This comparison shows that the aggregate cost in Denver was lower than in any of the other cities with which comparisons are made. In all of the six years, except that in 1932, five cities showed a lower total unit cost than Denver and one the same as Denver and in 1933 four cities were lower. The same table shows the percentages of increase in the retail cost of food in October, 1933, compared with the same data in 1913. These figures reveal that food in Denver cost 0.5 per cent more on October 15, 1933, than on the same date in 1913, while in the United States the increase between the two dates was 7.3 per cent.

The cost of living in Denver, including food, clothing, rent, fuel and light, housefurnishing goods and miscellaneous items, was 7.8 per cent less in December, 1933, than in the same month in 1917, as shown by the department of labor reports. All items making up this total percentage showed a decrease between the two dates except rent and miscellaneous items. Rent was 5.7 per cent and miscellaneous items 31.2 per cent higher. Food showed the greatest decrease, being 14.0 per cent below the cost in December, 1917. These changes in the cost of living, with comparative figures for 13 cities, is shown in an accompanying table. Another table shows the changes in the cost of living for Denver at semi-annual periods since 1917.

The average retail prices of bituminous coal, prepared sizes, per ton of 2,000 pounds for household use on October 15, 1933, with comparisons on the same date in 1932 and 1929, in typical cities in which the classification of grades are comparable, are as follows:

	1933	1932	1929
Denver	$7.66	$7.61	$10.31
Atlanta	6.92	6.20	7.78
Birmingham	6.00	5.13	7.61
Dallas	10.00	10.00	12.83
Kansas City	5.61	5.64	7.28
Los Angeles	17.30	16.25	16.50
Omaha	8.52	8.77	9.67
Pittsburgh	4.86	4.00	5.30
Portland, Ore.	12.96	11.86	13.38
St. Louis	5.50	5.45	6.77
Salt Lake City	7.79	7.39	7.93
Seattle	9.69	9.86	10.68

Natural gas is used extensively for household purposes in a number of cities and towns of the state. The rates mostly are based on sliding scales and prices depend upon the quantity used. Pueblo and other cities generally have the same rate as Denver. The department of labor computes the net price per 1,000 cubic feet on the basis of a family consumption of 5,000 cubic feet per month. The net price per 1,000 cubic feet on that basis in Denver on December 15, 1933, was 99 cents. This compares with $1.00 in Atlanta, 75 cents in Cincinnati, 60 cents in Cleveland, 55 cents in Columbus, 79 cents in Dallas, 94 cents in Kansas City, 82 cents in Los Angeles, 45 cents in Louisville, 60 cents in Pittsburgh, $1.01 in Salt Lake City and 97 cents in San Francisco.

The retail price of electricity in Denver is six cents per kilowatt-hour for the first 40 kilowatt-hours and five cents for the excess above the minimum. Comparisons cannot be made with other cities of the country, due to varying tariffs based on sliding scales.

An accompanying table shows the average retail price of 42 articles of food in the United States and Denver on October 15, 1933, with comparisons with 1913, 1929, 1930, 1931 and 1932.

OFFICIAL STATE FLOWER

The twelfth general assembly of the Colorado legislature enacted a measure declaring the white and lavender columbine to be the state flower of the state of Colorado. It was approved April 4, 1899, by Gov. Charles S. Thomas.

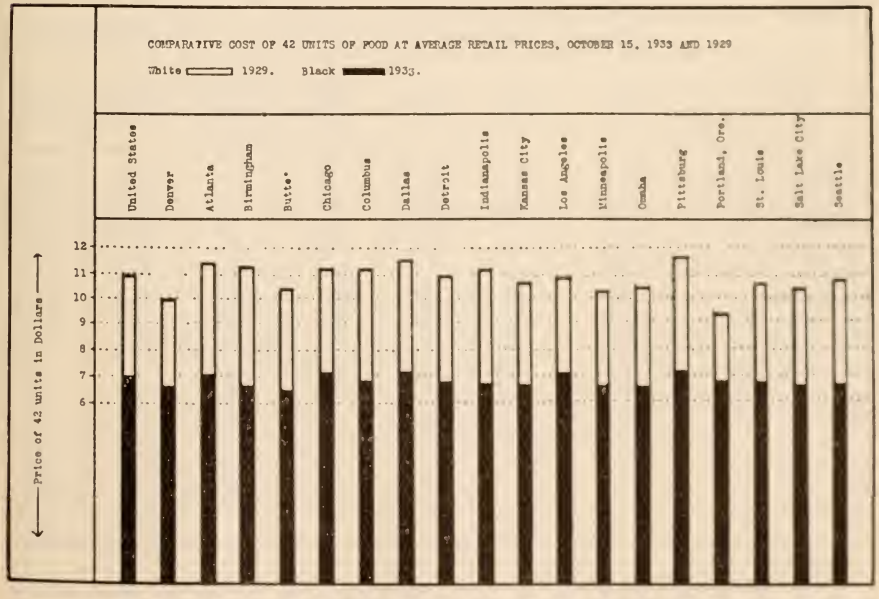
AGGREGATE COST OF 42 UNITS OF FOOD AT AVERAGE RETAIL PRICES IN THE UNITED STATES AND 18 TYPICAL CITIES ON OCTOBER 15, 1933, WITH COMPARISONS

(Compiled from U. S. Department of Labor Statistics)

	Percentage Increase Oct.10,1933 Compared With 1913	Aggregate Cost on October 15						
		1933	1932	1931	1930	1929	1928	1927
United States...	7.3	$ 6.96	$ 7.01	$ 8.48	$10.21	$10.90	$11.10	$10.77
Denver	0.5	6.65	6.70	7.86	9.50	9.86	10.11	9.64
Atlanta	4.1	7.01	7.06	8.61	10.31	11.32	11.26	11.18
Birmingham ...	3.6	6.69	6.86	8.26	10.38	11.21	11.36	10.35
Butte*	..	6.49	6.72	8.31	9.57	10.39	10.46	10.10
Chicago	10.0	7.08	7.16	8.83	10.60	11.12	11.43	11.10
Columbus	..	6.89	6.69	8.53	10.46	11.10	11.35	10.91
Dallas	2.5	7.05	7.15	8.77	10.70	11.58	11.69	11.34
Detroit	7.8	6.84	6.21	8.10	10.06	10.93	11.24	11.05
Indianapolis ...	1.2	6.83	6.70	8.53	10.35	11.11	10.97	10.64
Kansas City....	3.5	6.69	6.89	8.34	9.86	10.59	10.69	10.35
Los Angeles....	1.3	7.03	6.77	8.00	9.79	10.87	11.06	10.62
Minneapolis	6.9	6.61	6.59	8.09	9.72	10.21	10.33	9.83
Omaha	1.1	6.60	6.52	8.02	9.67	10.41	10.66	10.14
Pittsburgh	5.3	7.07	6.98	8.71	10.75	11.60	11.85	11.48
Portland, Ore...	—4.1	6.74	6.76	8.99	9.41	10.38	10.51	10.23
St. Louis.....	7.9	6.85	6.56	8.30	9.75	10.52	10.63	10.36
Salt Lake City.	—8.5	6.62	6.72	8.22	9.71	10.35	10.47	10.08
Seattle	3.3	6.66	6.90	8.29	9.93	10.65	10.78	10.35

Minus (—) sign denotes decrease.

*Oleomargarine is not included in Montana. Average retail price of that commodity should be added for comparative purposes.



* Oleomargarine not included.

CHANGES IN COST OF LIVING IN 13 CITIES, DECEMBER, 1917, TO DECEMBER, 1933

(Department of Labor)

City	Per Cent of Increase Over December, 1917, in Expenditures for						
	Food	Clothing	Rent	Fuel and Light	House-furnishing Goods	Miscellaneous	All Items
Denver	—35.0	—14.0	5.7	5.0	—1.4	31.2	—7.8
Atlanta	—35.9	—15.9	—11.2	4.6	—3.0	23.6	—12.9
Birmingham	—37.3	—17.7	—30.8	15.9	—15.9	17.0	—17.0
Cincinnati	—33.5	—23.5	11.3	65.7	—3.9	45.6	—3.7
Indianapolis	—35.0	—17.6	—17.3	26.3	—6.6	41.0	—7.8
Kansas City	—36.0	—15.2	—10.4	9.1	—11.9	32.9	—10.5
Memphis	—38.1	—11.0	—12.2	43.3	—4.3	31.0	—7.6
Minneapolis	—30.5	—20.1	—6.2	31.5	—3.9	26.3	—7.6
New Orleans	—34.8	—11.5	16.3	4.9	1.2	39.1	—5.8
Pittsburgh	—33.6	—16.2	7.1	82.6	—7.9	39.7	—5.7
Richmond	—34.4	—7.8	—1.3	27.6	12.9	33.0	—6.4
St. Louis	—33.7	—17.8	4.8	13.5	—2.2	36.4	—6.3
Scranton	—27.6	—4.3	26.5	47.4	8.0	49.9	2.1

(—) Denotes decrease.

CHANGES IN THE COST OF LIVING IN DENVER, DECEMBER, 1917, TO DECEMBER, 1932

(Compiled from Department of Labor Reports)

Date	Per Cent of Increase Over December, 1917, in Expenditures for						
	Food	Clothing	Rent	Fuel and Light	House-furnishing Goods	Miscellaneous	All Items
December, 1918	20.0	40.1	12.8	8.1	22.6	14.8	20.7
June, 1920	41.5	96.8	51.9	22.3	60.2	35.4	50.3
December, 1920	7.9	78.3	69.8	47.1	58.9	38.8	38.7
June, 1928	[1]8.6	8.4	55.8	26.9	20.5	33.4	14.9
December, 1928	[1]6.3	8.2	54.1	39.3	19.8	33.8	16.3
June, 1929	[1]7.4	8.0	52.3	[2]19.0	17.4	38.8	15.6
December, 1929	[1]6.8	7.9	51.1	29.2	16.0	38.7	16.1
June, 1930	[1]11.9	7.0	49.4	22.6	15.3	38.0	13.0
December, 1930	[1]19.9	5.5	47.8	27.4	12.4	37.6	9.7
June, 1931	[1]28.7	2.3	43.1	7.9	8.1	36.9	3.8
December, 1931	[1]30.6	[1]6.5	37.1	7.1	[1].2	36.5	.3
June, 1932	[1]38.6	[1]15.3	28.2	1.2	[1]9.1	35.8	[1]6.3
December, 1932	[1]37.7	[1]19.7	20.5	[1]4.8	[1]10.7	34.2	[1]8.3
June, 1933	[1]38.8	[1]19.9	11.3	[1]3.2	[1]10.9	31.2	[1]10.5
December, 1933	[1]35.0	[1]14.0	5.7	5.0	[1]1.4	31.2	[1]7.8

[1]Decrease.

[2]The decrease is due primarily to the change in consumption and price accompanying the change from manufactured to natural gas.

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					
		1933	1932	1931	1930	1929	1913	1933	1932	1931	1930	1929	1913
		Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Sirloin steak	lb.	29.7	33.1	38.6	44.5	50.3	25.7	24.6	26.6	30.1	36.4	42.1	23.9
Round steak	"	25.8	28.9	33.6	39.3	44.5	23.1	22.5	24.2	27.4	33.1	37.4	21.4
Rib roast	"	20.9	23.7	28.0	32.5	37.0	20.0	17.9	19.8	24.0	28.3	30.1	17.8
Chuck roast	"	15.3	17.3	20.7	25.4	30.0	16.4	13.9	15.6	18.4	22.8	26.1	15.8
Plate beef	"	10.1	11.3	13.5	17.2	21.0	12.3	7.6	8.8	10.9	14.2	17.1	10.0
Pork chops	"	23.4	21.5	29.3	37.9	38.9	22.6	20.5	19.5	28.2	36.9	38.4	20.8
Bacon	"	23.3	23.1	34.3	42.6	43.7	27.8	22.8	24.1	33.9	41.3	42.2	28.0
Ham (sliced)	"	32.2	34.0	44.2	53.1	55.1	27.6	33.3	33.9	43.3	52.6	53.3	31.7
Lamb	"	21.7	22.1	27.5	32.8	38.5	18.4	18.7	20.8	25.0	28.9	36.1	14.6
Hens	"	20.5	23.1	29.9	33.8	38.4	21.2	17.1	19.3	24.8	26.2	31.3	19.4
Salmon, canned*	"	20.8	20.0	30.3	34.0	31.9	---	21.2	19.8	31.3	33.8	33.2	---
Milk, fresh	qt.	11.1	10.7	12.0	14.0	14.4	9.0	10.0	10.0	10.3	11.3	12.0	8.4
Milk, evaporated	†	6.8	6.1	8.8	9.9	10.6	---	6.6	5.8	9.0	9.9	9.9	---
Butter	lb.	28.2	26.7	39.9	47.8	55.7	38.2	26.9	25.8	38.5	42.9	49.3	39.0
Oleomargarine	"	13.4	14.3	18.8	25.0	27.0	---	14.4	15.4	18.9	23.2	24.5	---
Cheese	"	23.3	22.6	27.1	34.2	37.9	22.4	24.1	25.6	27.7	36.1	39.0	26.1
Lard	"	9.6	9.0	12.4	17.7	18.3	16.0	8.7	9.0	12.2	17.5	18.4	16.1
Vegetable lard substitute	"	19.0	19.1	22.7	24.1	24.7	---	19.2	18.0	19.7	20.3	20.9	---
Eggs, strictly fresh	doz.	33.0	34.6	37.9	44.8	58.0	41.6	33.8	32.3	31.0	40.0	53.3	37.1
Bread	lb.	8.0	6.7	7.3	8.6	8.9	5.6	7.2	5.8	6.4	7.2	7.6	5.5
Flour	"	4.8	3.1	3.3	4.3	5.2	3.3	4.0	2.4	2.4	3.2	3.9	2.6
Corn meal	"	3.9	3.7	4.4	5.3	5.3	3.1	4.2	4.0	3.9	4.7	4.6	2.6
Rolled oats	"	6.5	7.4	7.9	8.6	8.8	---	5.8	6.8	7.0	7.5	7.6	---
Corn flakes	‡	8.8	8.5	8.9	9.3	9.5	---	9.2	8.5	9.1	9.7	9.5	---
Wheat cereal	§	24.0	22.4	23.3	25.4	25.5	---	24.2	22.3	23.3	24.7	24.6	---
Macaroni	lb.	15.8	15.1	16.3	19.1	19.7	---	17.4	17.0	18.1	19.7	19.4	---
Rice	"	6.8	6.4	7.8	9.5	9.7	8.1	7.0	6.2	7.0	9.0	8.9	8.6
Beans, navy	"	6.1	4.9	6.7	11.3	14.2	---	6.2	5.0	6.4	9.9	13.1	---
Potatoes	"	2.4	1.5	1.8	3.1	3.8	1.8	2.1	1.4	1.7	2.6	3.0	1.4
Onions	"	3.4	2.8	4.3	4.2	5.3	---	3.1	2.8	4.2	3.8	4.4	---
Cabbage	"	3.2	2.4	3.2	3.6	4.5	---	2.2	1.4	2.2	2.3	3.5	---
Beans, baked**	‖	6.8	6.9	10.3	10.8	11.7	---	7.7	7.5	10.6	10.7	11.6	---
Corn, canned	"	10.8	10.3	12.6	15.2	15.8	---	10.4	10.9	12.7	14.4	14.1	---
Peas, canned	"	13.5	12.6	13.7	16.0	16.7	---	14.0	13.3	13.9	15.3	15.3	---
Tomatoes, canned	"	9.8	9.0	9.8	12.1	12.6	---	10.3	8.7	10.6	12.8	12.9	---
Sugar, granulated	lb.	5.7	5.1	5.6	5.8	6.7	5.5	6.4	5.8	6.3	6.4	7.4	5.4
Tea	"	66.8	68.5	75.6	77.1	77.6	54.5	68.0	72.2	73.0	71.9	68.7	52.8
Coffee	"	26.6	30.3	32.1	39.1	49.1	29.7	31.8	35.9	39.2	41.6	50.1	29.4
Prunes	"	10.5	8.9	11.1	14.5	17.1	---	12.2	11.0	12.6	15.3	19.6	---
Raisins	"	9.4	10.7	11.4	11.7	12.2	---	10.0	10.3	11.6	11.5	12.1	---
Oranges	doz.	29.7	30.5	37.3	66.8	44.9	---	28.8	29.3	31.1	61.5	37.2	---
Bananas	"	24.7	21.6	24.0	29.4	32.4	---	29.2	26.9	28.0	28.4	31.1	---

Note.—1933 figures are the medium between October 10 and October 24 prices.

*Both pink and red.

**Pork and beans for 1932; 16-ounce can.

†14½-ounce can; prior to 1932, 15-16-ounce can.

‡8-ounce package.

§28-ounce package.

‖No. 2 can.

‡Per lb.

Insurance

THE development of insurance of all kinds in Colorado can be traced with accuracy through the reports of the state insurance commissioner. Owing to the varying reports filed by the companies operating in the state, it is impossible to give the gross amount of insurance in force at any particular time, but the reports of annual premiums and losses paid present a fair view of the situation. The growth of ordinary life insurance is shown by a comparison of the number of policies in force and the aggregate risk. There were 2,237 such policies in force in 1882, covering an aggregate risk of $7,120,297. At the end of 1930 there were 682,492 policies in force, and the aggregate risks amounted to $875,969,130. The number at the end of 1933 was 642,183 policies and the aggregate risks amounted to $795,884,194.

There were 495 companies, associations, exchanges and societies operating in Colorado on December 31, 1933, compared with 521 on the same date in 1932, 592 in 1931, 622 in 1930, and 620 in 1929. The classification of companies on the date named for 1933 and 1929 is as follows:

	1933	1929
Fire and marine (stock)	223	268
Fire and marine (mutual)	32	32
Life—legal reserve	78	94
Casualty and miscellaneous	94	144
County mutual fire and hail	5	5
Assessment health and accident	5	3
Reciprocal exchanges	14	24
Fraternal societies	44	50
Totals	495	620

Premiums received by these companies from Colorado business and losses paid, by years, is as follows:

Year	Premiums	Losses
1924	$31,255,842	$12,386,021
1925	34,241,240	13,147,959
1926	36,483,237	13,420,645
1927	38,176,452	11,538,749
1928	39,548,530	15,835,546
1929	48,089,054	15,485,623
1930	33,529,413	16,319,541
1931	41,925,896	15,188,697
1932	38,422,937	16,106,796
1933	34,374,041	14,352,571

Losses paid by all companies over periods of years named below aggregate $298,522,238, distributed as follows:

Class	Period	Amount
Fire and marine	1882-1933	$ 73,022,551
Life—legal reserve	1882-1933	133,350,403
Casualty	1882-1933	48,637,472
County mutual	1910-1933	771,015
Assessment—life, health, etc.	1893-1933	3,917,315
Reciprocal	1916-1933	1,241,013
Colorado assessment—hail	1921-1927	483,033
Foreign assessment—hail	1910-1925	1,143,333
Fraternal	1916-1933	35,956,097
Total		$298,522,232

The following table shows premium receipts and loss payments by all of the companies operating in the state, as shown by their reports for various dates filed with the state insurance commissioner:

Nature of Insurance	Year	Premiums	Losses
Fire and Marine	1882	$ 600,919	$ 300,680
	1900	2,000,451	750,828
	1924	6,573,031	3,062,025
	1925	7,005,632	3,225,868
	1926	7,439,471	2,858,858
	1927	7,237,788	3,129,880
	1928	6,919,719	2,622,770
	1929	6,850,251	2,404,199
	1930	6,423,428	2,789,064
	1931	5,928,817	2,258,434
	1932	4,744,043	2,295,967
	1933	4,234,426	1,507,883
Legal Reserve Life	1882	115,160	75,193
	1900	2,298,432	790,922
	1924	16,583,309	4,640,777
	1925	18,525,284	4,968,856
	1926	20,237,140	5,506,278
	1927	21,680,094	6,702,442
	1928	23,333,505	7,564,028
	1929	25,345,538	7,547,786
	1930	26,517,099	8,302,497
	1931	26,819,302	7,899,487
	1932	25,520,695	9,211,197
	1933	22,710,897	8,322,228
Casualty, Fidelity and Surety	1882	41,656	21,073
	1900	509,970	291,517
	1924	4,998,581	2,398,773
	1925	5,393,390	2,662,455
	1926	5,508,630	2,743,259
	1927	5,960,900	2,404,142
	1928	5,968,870	2,622,985
	1929	6,593,712	2,842,452
	1930	6,462,038	2,965,108
	1931	6,018,609	3,119,182
	1932	5,433,748	2,841,068
	1933	5,010,021	2,855,775
Assessment Life Health and Accident	1893	215,076	220,647
	1900	145,782	64,008
	1924	147,616	81,688
	1925	185,991	115,343
	1926	170,318	101,120
	1927	190,064	100,086
	1928	198,811	110,559
	1929	127,686	80,548
	1930	121,960	64,377
	1931	124,570	68,144
	1932	103,354	59,547
	1933	90,135	56,804

Nature of Insurance	Year	Premiums	Losses
Reciprocal Fire and Casualty	1916	$ 24,649	$ 1,626
	1924	381,927	57,353
	1925	433,158	77,470
	1926	437,501	90,668
	1927	439,173	90,590
	1928	437,753	116,348
	1929	249,377	103,612
	1930	997,721	96,637
	1931	188,987	71,674
	1932	159,769	26,870
	1933	77,279	22,886
Fraternal	1916	1,828,389	1,511,741
	1924	2,512,753	2,007,089
	1925	2,598,537	2,015,467
	1926	2,610,670	2,039,578
	1927	2,617,822	2,294,747
	1928	2,636,708	2,765,182
	1929	2,834,545	2,483,308
	1930	2,946,660	2,084,418
	1931	2,791,247	1,729,152
	1932	2,402,471	1,605,045
	1933	2,186,518	1,537,912
County Mutual Fire	1910	3,070	261
	1924	38,213	59,792
	1925	*72,040	*62,373
	1926	*52,979	*58,864
	1927	*49,338	48,272
	1928	53,164	33,724
	1929	37,941	23,713
	1930	60,457	67,490
	1931	54,364	42,624
	1932	58,857	67,102
	1933	64,765	49,083
Assessment Hail (Colorado)	1921	136,739	85,263
	1924	3,297	7,121
	1925	27,208	20,127
	1926	26,528	22,020
	1927	1,273	1,949
Assessment Hail (Foreign)	1910	2,516	3,525
	1920	293,512	232,181
	1924	17,115	71,403

*Includes foreign Assessment Hail for these years.

STATE HAIL INSURANCE

The state of Colorado, through a legislative enactment, put into effect in 1929 a law creating a state hail insurance department, which insures farmers against losses by hail. The department is in charge of a commissioner and under the supervision of a board of three members appointed by the governor. Insurance on crops is written by county assessors, their deputies and local representatives. The farmer pays no fee for the writing of the insurance and the only fee connected with the service is the payment of one dollar by the department for each policy written. Insurance rates are based on the class of crops insured and the location of the land.

The time limit of insurance is from May 15 to August 15 for fall wheat, rye, barley and canning peas; from June 1 to September 1 on spring small grain other than barley; from June 15 to September 15 on beans, corn, potatoes, alfalfa, sugar beets, broom corn, cabbage, tomatoes, onions and cucumbers, and from June 20 to September 20 for all crops grown in altitudes above 6,000 feet.

Crops which may be insured are divided into two classes. Class A, which takes the lower rate, includes wheat, oats, emmer, speltz, corn, alfalfa, potatoes, broom corn, sorghums, flax and millet. Class B, which takes the higher rate, includes barley, rye, peas and beans, tomatoes, cabbage, onions and cucumbers.

The maximum amount of insurance permitted under the policy is $7 per acre on non-irrigated land and $15 per acre on irrigated land, except that garden or canning peas and beans, cabbages, tomatoes and cucumbers may be insured up to $25 per acre. The maximum amount of insurance which may be carried by any one person in any one section is $2,000. The rates vary from 10 per cent on Class A crops and 15 per cent on Class B crops down to three and five per cent, depending upon the location of the counties in which the crops are insured.

Insurance written by years is as follows:

Year	Amount
1929	$ 545,181.88
1930	1,426,041.06
1931	780,671.53
1932	228,997.19
1933	128,337.95

The farmer may pay the premium on his insurance in cash or it may be levied as a tax on his land, payable on January 1 of the year following. The net hail tax collected, by years, was as follows:

Year	Amount
1929	$ 57,495.47
1930	146,429.44
1931	77,691.88
1932	22,042.30
1933	13,020.80

Net losses paid, by years, were as follows:

Year	Amount
1929	$ 26,045.03
1930	65,335.68
1931	51,907.18
1932	24,907.15
1933	13,753.31

Net assets of the department on January 1, 1932, amounted to $91,716.80.

STATE HAIL INSURANCE: CROP INSURED, 1933

Crop	Number of Acres	Amount of Insurance or Risk	Amount of Tax	Amount of Loss
Wheat, Fall	5,597	$ 31,282.00	$ 2,997.01	$ 922.80
Wheat, Spring	1,565	13,431.25	1,018.00	1,290.00
Beans	1,746	16,757.20	2,063.14	1,788.70
Barley	1,131	8,647.50	945.85	64.50
Oats	421	5,613.75	380.38	77.55
Peas, Garden	1,128	25,156.25	2,569.81	6,558.51
Mixed Vegetables	574	12,667.50	1,733.31	2,139.25
Alfalfa	11	165.00	16.50	.....
Rye	120	240.00	36.00	.....
Beets	300	4,350.00	348.00	57.75
Potatoes	192	3,680.00	241.15	.....
Corn	619	3,565.00	330.70	47.50
Tomatoes	113	2,532.50	311.03	606.75
Melons	20	250.00	30.00	200.00
Totals	13,537	$128,337.95	$ 13,020.88	$ 13,753.31

Colorado Mortality Statistics

RACE stock, occupations of the inhabitants, the sex and age distribution of the population and the relative number of deaths of non-residents are factors which must be considered before it can be determined whether one state is more healthful than another. Climate and altitude play their part, and the extent of local epidemics of contagious diseases also enter into the final analysis. Colorado, for example, is practically free from malaria, but its death rate from tuberculosis is high. Erroneous conclusions may result from reading the figures without a study of the underlying causes. The altitude and climate of Colorado are considered beneficial to persons suffering from tuberculosis, and as a result a large number of non-residents come to the state in the hope of being helped. The death rate for a number of diseases varies from year to year and is influenced by factors which do not appear on the surface.

Colorado is in the registration area in which the division of vital statistics of the United States bureau of the census compiles mortality statistics. The area includes 46 states and the District of Columbia. States are admitted on the basis of the approximately complete and proper registration of deaths. The state board of health works in co-operation with the national agency in compiling the data for Colorado.

The number of deaths in Colorado by years and the rate per 1,000 estimated population are as follows:

Year	Number	Rate Colo.	Rate Area
1920	....	14.4	13.1
1922	13,216	13.3	11.8
1923	12,259	12.5	12.3
1924	12,522	12.6	11.8
1925	12,549	12.0	11.8
1926	12,260	11.6	12.2
1927	13,082	12.2	11.4
1928	14,077	13.8	12.1
1929	12,874	12.5	11.9
1930	13,207	12.7	...
1931	12,470	11.9	...
1932	12,599	12.0	...

The largest number of deaths annually in Colorado from any single cause is from diseases of the heart. The death rate of the state, however, is consistently below the rate for the registration area. The number of deaths from this cause and the rate per 100,000 estimated population for Colorado and the registration area, by years, are as follows:

Year	Colorado Number	Colorado Rate	Registration Area
1920	994	122.5	159.3
1921	...	122.6	157.1
1922	1,303	133.5	165.7
1923	1,248	126.0	175.3
1924	1,271	126.5	178.1
1925	1,385	....	....
1927	1,612	....	....
1928	1,861	182.6	208.2
1929	1,775	172.5	210.8
1930	1,877	180.8	....
1931	1,950	187.0	....
1932	2,107	201.2	....

Tuberculosis (all forms) ranks second among the principal causes of death in Colorado. The rate is much higher than in the registration area as a whole, due largely to the number of

non-residents who come to the state to benefit their health and to the operation of hospitals and sanitoria for persons suffering from this disease. Refined figures, which take into consideration the residence of those who die, indicate that the normal rate differs very little from the rate for the registration area.

Deaths from tuberculosis in all forms, with rate per 100,000 population for Colorado and the registration area, by years, are as follows:

Year	Colorado Number	Colorado Rate	Registration Area
1920	2,134	226.0	114.0
1921	...	184.6	99.4
1922	1,791	183.5	97.0
1923	1,669	168.5	93.6
1924	1,639	161.3	90.4
1925	1,495	125.4	....
1926	...	144.2	87.1
1927	1,492	138.9	80.8
1928	1,415	138.8	79.3
1929	1,282	124.6	76.0
1930	1,283	123.6	....
1931	1,077	103.3	....
1932	1,097	104.8	....

The death rate from pneumonia in all forms also is high in Colorado as compared to the country as a whole, the reason for this being considered similar to that which makes the rate in the state high for tuberculosis. This disease ranks third as to the cause of deaths.

Cancer and malignant tumors as causes of death have shown an apparently steady increase in Colorado, the rate per 100,000 population going from 73.2 in 1920 to 105.4 in 1932. A large increase also is reported in the registration area, but whether cancer is really or only apparently increasing year after year has long been a subject of controversy. Those who hold that the increase mostly is apparent maintain that it is largely accounted for by improvement in diagnosis.

Deaths in Colorado from cancer and other malignant tumors and the rate per 100,000 population for the state and the registration area, by years, are as follows:

Year	Colorado Number	Colorado Rate	Registration Area
1920	691	73.2	83.2
1921	...	74.7	...
1922	720	73.8	88.7
1923	851	85.9	91.1
1924	837	83.3	93.8
1925	902	86.7	94.4
1926	...	82.1	94.9
1927	1,004	93.5	95.6
1928	1,017	99.8	96.1
1929	1,028	99.9	95.9
1930	1,035	99.7	...
1931	1,025	98.1	...
1932	1,104	105.4	...

The number of deaths, distribution and rate per 1,000 population in 1928 and 1929 for Colorado are as follows:

	1929 Number	1929 Rate	1928 Number	1928 Rate
White	12,550	12.4	13,716	13.7
Colored	324	19.2	361	21.6
Total	12,874	12.5	14,077	13.8
Urban	5,884	14.6	6,479	16.2
Rural	6,990	11.1	7,598	12.2
Total	12,874	12.5	14,077	13.8

January is the month in which the largest number of deaths occur in Colorado and this is true also of the entire country. The number of deaths by months in 1929 was as follows:

	Deaths
January	1,397
February	1,246
March	1,216
April	1,016
May	1,061
June	972
July	980
August	1,013
September	1,016
October	1,000
November	952
December	1,005
Totals	12,874

More deaths occurred in 1929 at the age of 65 to 74 years than any other, and four years is the age of the smallest number. Deaths in 1929 by age were as follows:

Age	Number
Under 1 year	1,640
1 year	280
2 years	134
3 years	106
4 years	75
5 to 9 years	223
10 to 14 years	221
15 to 19 years	329
20 to 24 years	424
25 to 29 years	529
30 to 34 years	484
35 to 44 years	1,119
45 to 54 years	1,301
55 to 64 years	1,716
65 to 74 years	2,206
75 years and over	2,065
Age unknown	22
Total	12,874

Deaths by sex in 1929 are as follows:

Males	7,384
Females	5,490
Total	12,874

A table is published herewith giving the number of deaths, cause and rates per 100,000 population in 1930, 1931 and 1932. Another table shows the death rate per 100,000 population by years and principal causes not elsewhere specified.

Homicides, suicides, deaths from automobile accidents, accidental deaths from all causes and deaths from alcoholism are discussed under separate headings in this chapter.

COLORADO MORTALITY STATISTICS: NUMBER OF DEATHS, CAUSE AND RATE FOR 1929, 1930, 1931, AND 1932

(Compiled from Census Reports)

CAUSE OF DEATH	Number of Deaths				Rate Per 100,000 Estimated Population			
	1932	1931	1930	1929	1932	1931	1930	1929
Typhoid and paratyphoid fever	38	66	56	66	3.6	6.3	5.4	6.4
Smallpox	----	----	1	5	----	----	0.1	0.5
Measles	15	50	91	7	1.4	4.8	8.8	0.7
Scarlet fever	36	31	25	15	3.4	3.0	2.4	1.5
Whooping cough	40	83	130	49	3.8	8.0	12.5	4.8
Diphtheria	41	31	41	39	3.9	3.0	3.9	3.8
Influenza	673	392	363	639	64.3	37.6	35.0	62.1
Dysentery	10	17	30	23	1.0	1.6	2.9	2.2
Erysipelas	15	30	27	39	1.4	2.9	2.6	3.8
Acute poliomyelitis and acute polioencephalitis	11	3	17	6	1.1	0.3	1.6	0.6
Lethargic or epidemic encephalitis	12	6	10	14	1.1	0.6	1.0	1.4
Epidemic cerebrospinal meningitis	18	32	50	128	1.7	3.1	4.8	12.4
Tuberculosis (all forms)	1,097	1,077	1,283	1,282	104.8	103.3	123.6	124.6
Syphilis†	122	135	126	113	11.7	12.9	12.1	11.0
Malaria	1	----	2	2	0.1	----	0.2	0.2
Cancer and other malignant tumors	1,104	1,023	1,035	1,028	105.4	98.1	99.7	99.9
Rheumatism and gout	41	39	38	40	3.9	3.7	3.7	3.9
Diabetes mellitus	166	173	151	137	15.9	16.6	14.5	13.3
Pellagra	6	3	5	4	0.6	0.3	0.5	3.9
Pernicious anemia	34	32	44	44	3.2	3.1	4.2	4.3
Alcoholism (acute or chronic)	28	43	37	29	2.7	4.1	3.6	2.8
Meningitis (nonepidemic)	13	22	40	45	1.2	2.1	3.9	4.4
Cerebral hemorrhage, embolism, thrombosis and softening	829	856	901	832	79.2	82.1	86.8	80.9
Hemiplegia, other paralysis, cause not specified	24	25	22	29	2.3	2.4	2.1	2.8
Diseases of the heart	2,107	1,950	1,877	1,775	201.2	187.0	180.8	172.5
Diseases of the arteries, atheroma, aneurysm, etc.	248	325	287	‡	23.7	31.2	27.6	----
Bronchitis	25	25	40	32	2.4	2.4	3.9	3.1
Pneumonia (all forms)	1,043	1,069	1,226	1,054	99.6	102.5	118.1	102.5
Respiratory diseases other than bronchitis and pneumonia (all forms)	119	138	131	‡	11.4	13.2	12.6	----
Ulcer of the stomach and duodenum	90	90	99	73	8.6	8.6	9.5	7.1
Diarrhea and enteritis:								
Diarrhea and enteritis (under 2 years)	200	300	416	357	19.1	28.8	40.1	34.7
Diarrhea and enteritis (2 years and over)	39	58	90	68	3.7	5.6	8.7	6.6
Appendicitis	270	226	258	252	25.8	21.7	24.9	24.5
Hernia, intestinal obstruction	169	147	136	151	16.1	14.1	13.1	14.7
Cirrhosis of the liver	62	46	59	58	5.9	4.4	5.7	5.6
Nephritis	846	802	824	817	80.8	76.9	79.4	79.4
Puerperal septicemia	60	53	72	71	5.7	5.1	6.9	4.0
Puerperal causes other than puerperal septicemia	71	77	68	84	6.8	7.4	6.6	8.2

COLORADO MORTALITY STATISTICS: NUMBER OF DEATHS, CAUSE AND RATE FOR 1929, 1930, 1931, AND 1932—Continued

(Compiled from Census Reports)

CAUSE OF DEATH	Number of Deaths				Rate Per 100,000 Estimated Population			
	1932	1931	1930	1929	1932	1931	1930	1929
Congenital malformations and diseases of early infancy	622	715	757	719	59.4	68.6	72.9	69.9
Suicide	257	201	203	168	24.5	19.3	19.6	16.3
Homicide	85	87	88	90	8.1	8.3	8.5	8.7
Accidental and unspecified external causes:								
Burns (conflagration excepted)§	56	44	53	57	5.4	4.2	5.1	5.5
Accidental drownings§	63	55	61	72	6.0	5.3	5.9	7.0
Accidental shooting	34	41	33	41	3.2	3.9	3.2	4.0
Accidental falls§	220	176	205	169	21.0	16.9	19.7	16.4
Excessive heat (burns excepted)	----	1	1	3	----	0.1	0.1	0.3
Other external causes	578	626	620	‡	55.2	60.1	59.7	----
All other defined causes	912	986	1,001	‡	87.1	94.5	96.4	----
Unknown or ill-defined causes	49	63	77	73	4.7	6.0	7.4	7.1
*Total deaths, all causes	12,599	12,470	13,207	12,874	1,203.3	1,195.6	1,272.4	1,251.4
Supplemental:								
Mine and quarry accidents	41	35	54	79	3.9	3.4	5.2	7.7
Machinery accidents	10	25	31	17	1.0	2.4	3.0	1.7
Railroad accidents:								
Collision with automobile	16	16	9	22	1.0	1.5	0.9	2.1
Other railroad accidents	36	28	43	50	3.4	2.7	4.1	4.9
Street car accidents:								
Collision with automobile	4	2	1	7	0.4	0.2	0.1	0.7
Other street car accidents	6	2	9	7	0.6	0.2	0.9	0.7
Automobile accidents (excluding collision with railroad trains and street cars)	284	319	271	258	27.1	30.6	26.1	25.1
Other transportation accidents£	33	38	32	‡	3.2	3.7	3.1	----

*Exclusive of stillbirths.
†Includes tabes dorsalis (locomotor ataxia) and general paralysis of the insane.
‡Not comparable.
§Includes deaths from this cause where the accident occurred in a mine or quarry, by machinery, or in connection with transportation.
£Includes air, motorcycle and water transportation accidents.

COLORADO DEATH RATE PER 100,000 POPULATION BY YEARS AND CAUSES NOT ELSEWHERE SPECIFIED

(Compiled from Census Reports)

Cause of Death	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922
Typhoid and paratyphoid fever	3.6	6.3	5.4	6.4	3.9	7.2	5.9	8.8	6.7	10.5	11.4
Malaria	0.1	----	0.2	0.2	0.2	0.3	0.3	0.2	----	----	0.2
Smallpox	----	----	0.1	0.5	0.1	0.3	0.1	----	----	1.6	27.8
Measles	1.4	4.8	8.8	0.7	5.0	12.7	1.2	0.8	21.5	9.8	0.7
Scarlet fever	3.4	3.0	2.4	1.5	4.4	5.9	2.1	2.9	4.4	4.2	5.4
Whooping cough	3.8	8.0	12.5	4.8	11.1	5.3	17.2	9.9	6.5	10.5	6.0
Diphtheria	3.9	3.0	3.9	3.8	3.8	9.1	9.2	14.3	15.6	23.9	27.4
Influenza	64.3	37.6	25.0	62.1	----	----	----	----	----	----	----
Diabetes mellitus	15.9	16.6	14.5	13.3	17.1	12.3	13.4	10.2	9.9	13.1	14.6
Cirrhosis of the liver	5.9	4.4	5.7	5.6	4.6	6.3	4.8	4.7	6.2	5.4	6.4
Pneumonia (all forms)	99.6	102.5	118.1	102.5	116.4	99.4	98.5	101.2	122.5	122.2	131.7
Diarrhea and enteritis	22.8	34.4	48.8	41.3	31.5	34.1	29.5	46.3	38.4	41.1	43.6
Acute and chronic nephritis	80.8	76.9	79.4	79.4	80.3	73.5	72.1	71.6	76.3	70.7	78.4
Old age	----	----	----	----	----	13.5	13.0	11.5	10.6	10.6	14.1
Unknown or ill-defined diseases	4.7	6.0	7.4	7.1	4.8	4.7	2.4	0.3	4.6	2.9	4.5

DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths in Colorado from automobile accidents, exclusive of collisions with railroad trains and street cars, continue to increase in number and rate up to the end of 1931, in which year a new record was established. There was a decrease of 35 in 1932. Deaths from this cause increased from 120 in 1918 to 319 in 1931, and the rate in the same period from 13.1 to 30.6 per 100,000 population. The number dropped to 284 in 1932 and the rate to 27.1. While deaths from automobile accidents have increased throughout the country, Colorado's rate continues to be higher than in the registration area as a whole. Deaths where automobiles come into collision with railroad trains and street cars are listed under railroad and street car accidents. There were 10 deaths from such collisions in 1932; 18 in 1931; 10 in 1930; 29 in 1929; 15 in 1928 and 22 in 1927.

The number of deaths and rates per 100,000 population in Colorado and the registration area by years, from automobile accidents, exclusive of deaths in railroad and street car collisions, are as follows:

Year	No.	Rate Colo.	Rate Area
1918	120	13.1	9.3
1919	118	12.7	9.4
1920	117	12.4	10.4
1921	121	12.6	11.5
1922	159	16.3	12.5
1923	157	15.9	14.9
1924	158	15.7	15.7
1925	146	14.7	17.1
1926	175	17.5	18.0
1927	234	23.2	19.6
1928	221	21.7	20.8
1929	258	25.1	23.3
1930	271	26.1	...
1931	319	30.6	...
1932	284	27.1	...

All deaths from motor-vehicle accidents, motor trucks, motor busses and motorcycles are involved in Colorado and the rate per 100,000 population for Colorado and the registration area, are as follows:

Year	No.	Rate Colo.	Rate Area
1925	156	15.7	19.0
1926	194	19.4	20.1
1927	256	25.3	21.8
1928	239	23.4	23.4
1929	289	28.1	25.7
*1930	281	...	...
*1931	337	...	...
*1932	298	...	...

*Exclusive of motorcycles. There were four deaths from motorcycle accidents in 1932; 3 in 1931; 2 in 1929; 3 in 1928; none in 1927; 2 in 1926; and none in 1925.

DEATHS BY SUICIDE

There were 257 deaths by suicide in Colorado in 1932. This was 56 more than in 1930 and the largest number and highest rate of death from that cause over a period of 19 years. Colorado's death rate per 100,000 population by suicide has been higher than the rate in the registration area since 1913, except in 1916 when it was below that for the area. The period of the participation of the United States in the world war reflected a decrease in suicides in the country as a whole, but the effect was not as pronounced in Colorado. In 1913, there were 187 deaths by suicide in the state, a rate of 21.2 per 100,000 population. This rate was exceeded that year by only two other states. In 1919, the state had the fifth highest rate and in 1920, the third highest. In 1929, Colorado dropped to tenth place. California, with one or two exceptions, has for many years had the highest death rate by suicide.

The following table gives the number of suicides, as far as the information is available, and the rate per 100,000 population for Colorado and the registration area by years as reported by the census:

Year	No.	Rate Colo.	Rate Area
1913	187	21.2	15.8
1914	..	19.2	16.6
1915	..	18.8	16.7
1916	..	13.3	14.2
1917	113	13.7	13.4
1918	..	14.6	12.2
1919	132	14.2	11.4
1920	149	15.7	10.2
1921	..	14.8	12.6
1922	176	18.0	11.9
1923	137	14.2	11.6
1924	164	16.3	12.2
1925	181	17.4	12.1
1926	148	14.7	12.8
1927	166	15.5	13.2
1928	184	18.1	13.6
1929	168	16.3	18.1
1930	203	19.6	...
1931	201	19.5	...
1932	257	24.5	...

The number of suicides in Colorado in 1929 was the same in cities and rural districts, 84 each. No colored person committed suicide. "Urban" includes cities of 10,000 population or more in 1920 and the remainder of the state is included under "rural." The following table shows the principal methods of committing suicide in 1929:

	Urban	Rural
By poison	7	13
By corrosive substances	13	3
By poisonous gas	11	2
By hanging or strangulation	5	13
By drowning	1	4
By firearms	39	45
By cutting or piercing instruments	3	3
By jumping from high places	5	1
Total	84	84

The largest number of suicides were by persons 45 to 54 years old, inclusive. Their ages and number are as follows:

15 to 19 years	7
20 to 24	10
25 to 29	10
30 to 34	9
35 to 44	37
45 to 54	41
55 to 64	27
65 to 74	21
75 and over	4
Unknown	2
Total	168

HOMICIDE DEATHS

Deaths from homicide in Colorado jumped from 59 in 1928 to 90 in 1929 and then decreased very slightly in 1930, 1931 and 1932. The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiarism, but not legal executions. The rates per 100,000 population for deaths by homicide vary considerably for Colorado in the 17 years ending with 1931 from a high of 11.8 in 1921 to a low of 5.5 in 1927, while in the registration area the rate is noticeably uniform, with a tendency to increase.

The number of deaths, as far as records are available, and the rate per 100,000 population for Colorado and for the registration area of the United States, by years, are as follows:

Year	No.	Rate Colo.	Rate Area
1915	...	10.6	7.0
1916	...	8.2	7.1
1917	...	8.9	7.7
1918	...	7.5	6.8
1919	...	10.6	7.5
1920	...	9.2	7.1
1921	...	11.8	8.5
1922	114	11.7	8.4
1923	90	9.2	8.1
1924	100	10.0	8.5
1925	84	8.1	8.6
1926	69	6.6	8.8
1927	59	5.5	8.7
1928	59	6.0	8.8
1929	90	8.7	8.5
1930	88	8.5	..
1931	87	8.3	..
1932	85	8.1	..

In connection with preventive measures it is noteworthy that 66 per cent of all homicides in Colorado were by firearms in 1929; 68.2 per cent in 1928; 93.8 per cent in 1927; and 78.5 per cent in 1925. In 1929 there were 73 homicides by firearms, seven by cutting and piercing instruments and ten by other means.

DEATHS FROM ALCOHOLISM

Colorado became a prohibition state on January 1, 1916, when laws prohibiting the manufacture, sale and possession of intoxicating liquors became effective. The federal constitutional amendment prohibiting the sale of liquors became effective on January 16, 1920. Colorado was, therefore, a "dry" state four years before prohibition became a national law.

Data from the census bureau show that in the year Colorado prohibited the sale of liquors deaths from alcoholism decreased 58 per cent under the preceding year and continued to decrease until 1920, when the total decrease amounted to 90 per cent. The next two years showed substantial increases. Decreases followed in subsequent years until 1927 when increases again became apparent, but not reaching the rate of pre-prohibition days. A decrease again occurred in 1932.

The following table shows the number of deaths, where the information is available, and the rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

Year	No.	Rate Colo.	Rate Area
1914	..	8.3	4.9
1915	63	7.2	4.4
1916	..	3.0	5.8
1917	21	2.3	5.2
1918	..	1.4	2.7
1919	7	0.8	1.6
1920	7	0.7	1.0
1921	..	3.3	1.8
1922	..	4.3	2.6
1923	37	3.8	3.2
1924	29	3.0	3.2
1925	..	1.8	3.6
1926	..	2.4	3.9
1927	..	2.6	4.0
1929	29	2.8	3.7
1930	37	3.6	..
1931	43	4.1	..
1932	28	2.7	..

ACCIDENTAL DEATHS

Accidents, including automobile, railroad and street car accidents, traumatism (deaths from wounds or injuries), and other external violence, caused the death of 952 persons, or 7.5 per cent of all deaths in Colorado in 1932. This compares with 943 in 1931, 973 in 1930 and 980 in 1929. The number of deaths from various

external causes in 1929, the latest year for which detail figures are available, are as follows:

Poisoning by food	19
Poisoning by venomous animals	1
Other acute poisoning (gas excepted)	27
Conflagration	23
Burns (conflagration excepted)	57
Mechanical suffocation	12
Absorption of irrespirable, irritating or poisonous gas	16
Drowning	72
Traumatism by firearms (except in war)	41
Traumatism by piercing instruments	7
Traumatism by fall	169
Traumatism in mines	78
Traumatism in quarries	1
Traumatism by machines	17
Railroad accidents:	
Collision with automobiles	22
Other railroad accidents	50
Street car accidents:	
Collision with automobiles	7
Other street car accidents	7
Automobile (excepting collisions with railroad trains and street cars	258
Airplane and balloon accidents	3
Injuries by other vehicles	5
Landslides, other crushing	12
Injuries by animals (not poisoning)	4
Excessive cold	4
Excessive heat	3
Lightning	9
Other accidental electrical shocks	9
Fracture (cause not specified)	3
Other external violence	44
Total	980

BIRTHS, STILLBIRTHS AND INFANT MORTALITY

Colorado was admitted to the birth registration area in which the bureau of the census compiles statistics on births, stillbirths and infant mortality, in 1928. The area, in which the statistics are approximately complete, comprises 46 states, the District of Columbia, Hawaii and the Virgin Islands. Statistics for the state on these subjects, therefore, became available for the first time in 1928.

There were 17,613 births and 12,599 deaths, both exclusive of stillbirths, in Colorado in 1932, the smallest number of births in any calendar year over a period of five years beginning with 1928. The number of deaths showed a slight increase in 1932 over 1931 and decreases in the other years. The excess of births over deaths in 1932 was 5,014. The ratio between births and deaths remained fairly steady during the five-year period and indicates the normal increase in native population. There were 1,259 deaths of infants under one year of age, exclusive of stillbirths, in 1932, or 9.9 per cent of all deaths. The number of stillbirths in that year was 559.

The birth rate in 1932 was higher in the cities and towns of the state than in the rural communities. The rate for cities of 10,000 or more population was 16.5 per 1,000 estimated population; for incorporated places, (towns with a population in 1930 of 2,500 to 9,999) 21.7 per 1,000 population; and for the remainder of the state, classed as rural, 16.2 per 1,000 population. Among the cities, Greeley had the highest rate, 27.4 per 1,000 population, and Fort Collins the smallest, 7.2 per 1,000 population.

The following table shows the distribution of births among the cities, incorporated places and rural communities and the state as a whole and the rate per 1,000 population in 1932:

	Births	Rate
Cities:		
White	6,768	16.6
Colored	376	15.2
Total	7,144	16.5
Incorporated places:		
White	1,858	21.1
Colored	192	30.5
Total	2,050	21.7
Rural:		
White	7,592	16.1
Colored	827	16.9
Total	8,419	16.2
State:		
White	16,218	16.8
Colored	1,395	17.4
Total	17,613	16.8

A separate table shows the number of births and deaths, rate per 1,000 population, excess of births over deaths, infant mortality and stillbirths in 1932 by cities and counties, and another table gives similar information for the state by years.

Thirty-four states had a higher birth rate than Colorado in 1929; one had the same rate; and 10 had a lower rate. Of the 379 illegitimate births in 1929, only 93 were rural and 286 were urban. The rural rate per 1,000 births was 8.4 against 41.5 for the urban.

There were 17,752 mothers who bore children in 1929 and of these 196 were cases of plural births having at least one mate born alive. This was at the rate of 11.0 plural births to the 1,000 mothers. Of these, 194 were living twins and two were living triplets.

Infant mortality was high in Colorado in 1929. There were 1,640 infants who died under one year of age, or 91.4 for every 1,000 births, which compares with a rate of 67.6 for the registration area in the continental United States.

Of the 17,669 births to white parents in 1929, in 14,455 cases both parents

were natives and in 1,487 cases both parents were foreigners.

The age of the mother in the largest number of births was between 20 and 24 years. Fifteen births were to mothers under 15 years old and one was to a mother between 50 and 54 years old. The ages of the mothers and number of births are as follows:

10 to 14 years	15
15 to 19	2,430
20 to 24	5,626
25 to 29	4,426
30 to 34	2,800
35 to 39	1,856
40 to 44	641
45 to 49	63
50 to 54	1

The number of the child in the order of birth is as follows:

First child	6,310
Second child	4,084
Third child	2,529
Fourth child	1,643
Fifth child	1,074
Sixth child	725
Seventh child	499
Eighth child	279
Ninth child	179
Tenth child	102
Eleventh child	43
Twelfth child	23
Thirteenth child	10
Fourteenth child	3
Fifteenth child	2
Not stated	434

BIRTHS AND DEATHS AND INFANT MORTALITY IN COLORADO, BY YEARS
(Compiled from Vital Statistics Reports of the Bureau of the Census)

	1932	1931	1930	1929	1928
Totals for the state:					
Births (exclusive of stillbirths)	17,613	18,513	18,814	17,939	19,155
Deaths (exclusive of stillbirths)	12,599	12,470	13,207	12,874	14,077
Rate per 1,000 population:					
Births	16.8	17.7	18.1	17.4	18.8
Deaths	12.0	12.0	12.7	12.5	13.8
Excess of births over deaths	5,014	6,043	5,607	5,065	5,078
Births per 100 deaths	140	148	142	139	136
Deaths of infants under 1 year of age (exclusive of stillbirths):					
Number	1,259	1,500	1,775	1,640	....
Per 1,000 births	71.5	81.0	94.3	91.4	....
Stillbirths:					
Number	559	571	597	632	....
Rate per 100 live births	3.2	3.1	3.2	3.5	....

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:

	Officers	Enlisted 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 casualties			1,415

*"Wounds" and "Individuals wounded" include mortal wounds received by individuals enumerated under "Died of wounds."

BIRTHS AND DEATHS, INFANT MORTALITY AND STILL BIRTHS, BY CITIES AND COUNTIES, 1932

(Compiled from Census Reports)

Note.—"Cities" include municipalities which had 10,000 or more population in 1930 and "Counties" are exclusive of the cities.

	Number		Rate Per 1,000 Population		Excess Births Over Deaths*	Number Deaths Infants Under 1 Year Old	Number Still-births
	Births	Deaths	Births	Deaths			
CITIES:							
Boulder	126	175	11.3	15.6	—49	4	4
Colorado Springs	645	619	19.2	18.4	26	43	24
Denver	4,860	4,326	16.7	14.8	534	336	159
Fort Collins	85	104	7.2	8.8	—19	12	1
Grand Junction	247	132	23.8	12.7	115	16	6
Greeley	340	236	27.4	19.0	104	21	11
Pueblo	588	467	11.6	9.2	121	35	29
Trinidad	253	112	22.0	9.7	141	27	7
COUNTIES:							
Adams	234	362	11.2	17.3	—128	18	8
Alamosa	147	107	16.3	11.9	40	25	13
Arapahoe	249	203	10.5	8.6	46	10	10
Archuleta	37	14	11.5	4.4	23	1	1
Baca	229	49	21.2	4.5	180	6	5
Bent	199	153	21.8	16.8	46	21	6
Boulder	462	269	21.7	12.6	193	31	15
Chaffee	122	118	14.9	14.4	4	13	4
Cheyenne	74	29	19.9	7.8	45	2	3
Clear Creek	24	30	11.1	13.9	—6	1	2
Conejos	119	47	11.9	4.7	72	11	1
Costilla	148	70	25.1	11.9	78	26	6
Crowley	104	49	17.5	8.3	55	10	4
Custer	22	20	10.4	9.4	2	2	....
Delta	222	159	15.5	11.1	63	21	5
Dolores	16	6	11.4	4.3	10	....	....
Douglas	27	20	7.7	5.7	7	1	1
Eagle	58	29	14.5	7.3	29	6	1
Elbert	109	31	16.6	4.7	78	4	1
El Paso	100	207	6.0	12.5	—107	3	4
Fremont	265	227	13.9	11.9	38	16	6
Garfield	192	118	19.0	11.7	74	11	9
Gilpin	8	17	6.6	14.0	—9	1	....
Grand	39	14	18.5	6.6	25	....	....
Gunnison	118	58	21.3	10.5	60	10	4
Hinsdale	7	5	15.6	11.1	2	....	....
Huerfano	235	146	13.7	8.5	89	19	11
Jackson	23	9	16.4	6.4	14	1	....
Jefferson	161	235	7.1	10.4	—74	5	8
Kiowa	46	23	12.1	6.1	23	2	3
Kit Carson	221	65	22.6	6.6	156	16	4
Lake	67	88	13.7	18.0	—21	7	4
La Plata	206	166	15.6	12.6	40	22	7
Larimer	450	235	20.5	10.7	215	24	14
Las Animas	541	249	22.1	10.2	292	48	19
Lincoln	131	34	16.7	4.3	97	5	1
Logan	421	144	20.9	7.2	277	15	6
Mesa	259	155	16.3	9.7	104	23	6
Mineral	10	11	15.6	17.2	—1	1	....
Moffat	82	28	16.9	5.8	54	5	1
Montezuma	130	89	16.3	11.1	41	14	4
Montrose	241	108	20.5	9.2	133	20	14
Morgan	423	168	22.9	9.1	255	31	16
Otero	492	304	20.0	12.4	188	44	16
Ouray	27	32	15.1	17.9	—5	1	....
Park	25	29	11.9	13.8	—4	....	....
Phillips	129	68	22.2	11.7	61	10	5
Pitkin	20	14	11.3	7.9	6	1	....
Prowers	365	137	24.5	9.2	228	19	13
Pueblo	322	455	20.0	28.3	—133	15	3
Rio Blanco	33	22	11.1	7.4	11	1	2
Rio Grande	186	126	18.2	12.4	60	14	4
Routt	183	89	19.5	9.5	94	15	4
Saguache	80	51	12.5	8.0	29	13	2
San Juan	19	31	9.5	15.5	—12	4	....
San Miguel	15	23	6.9	10.5	—8	....	....
Sedgwick	133	31	23.3	5.4	102	7	1
Summit	11	25	11.1	25.3	—14	1	1
Teller	60	83	14.5	20.0	—23	14	3
Washington	158	69	16.5	7.2	89	4	3
Weld	958	368	17.7	6.8	590	82	23
Yuma	275	107	20.2	7.9	168	12	11
Total:							
Cities	7,144	6,171	16.5	14.2	973	494	241
Counties	10,469	6,428	17.1	10.5	4,041	765	318
State	17,613	12,599	16.8	12.0	5,014	1,259	559

*A minus sign (—) indicates an excess of deaths over births.

PRISONERS AND CRIME CONDITIONS

The absence of any uniform system for compiling statistics on crime conditions makes it almost impossible to prepare data of any practical value. This is due to several causes. Crime detection and punishment is handled by a variety of agencies, including federal, state, county and municipal authorities, and the lack of any central agency to eliminate duplications, report upon disposition of prisoners and to classify the crimes imposes a problem that has not been solved satisfactorily. A single prisoner may be charged with several offenses and may be tried in courts of different jurisdictions. One agency may compile records principally of offenses reported, another of convictions secured and a third upon an entirely different basis, and these cannot be harmonized for comparative purposes.

Recognizing the lack of and need for uniform crime records, a committee of the International Association of Chiefs of Police inaugurated on January 1, 1930, the compilation of such data. This work was taken over on September 1, 1930, by the bureau of investigation of the United States department of justice. This agency, with the co-operation of the chiefs of police organization, gathers and compiles statistics based upon the number of "offenses known to the police." This term includes those crimes occurring within the police jurisdiction, whether they become known to the police through reports of police officers, of citizens, of prosecuting or court officials, or otherwise.

The following table gives the rate per 100,000 population of offenses known to the police in 1,264 cities in the United States and the 14 cities in Colorado for the calendar year of 1933, under the seven classifications used in the compiling of the uniform crime records:

	U. S.	Colo.
Criminal homicide:		
Murder, non-negligent manslaughter	7.1	6.6
Manslaughter by negligence	4.8	0.7
Rape	5.9	6.2
Robbery	102.5	149.8
Aggravated assault	50.7	15.7
Burglary—breaking or entering	379.2	769.3
Larceny—theft	762.0	1,172.6
Auto theft	320.4	393.4

The data compiled by the bureau of investigation goes into the ages of persons arrested, variations in rates by months and by size of cities, etc., and is too extensive for reproduction in detail here, but may be found in records of the bureau in the public libraries. Arrests by age groups by all cities reporting showed 16,307 arrests of persons 19 years old, the largest number in any of the age groups. The largest number of offenses was for disorderly conduct, drunkenness and vagrancy, for which 55,978 arrests were made in 1933.

An annual survey is made by the state immigration department to determine the number of prisoners received by the sheriffs in the county jails in fiscal years ending November 30, the distribution of same by sex, and the number in the jails at the close of the year.

The number of prisoners, by sex, received in county jails by counties reporting in fiscal years is as follows:

Year	Male	Female	Total
1925	11,071	729	11,800
1926	9,132	574	9,706
1927	9,956	505	10,461
1928	10,193	474	10,667
1929	9,904	682	10,586
1930	10,115	819	10,934
1931	12,277	994	13,271
1932	10,422	495	10,917
1933	11,161	802	11,957

The percentages of males and females received by years were as follows:

Year	Per Cent Male	Per Cent Female
1925	93.82	6.18
1926	94.09	5.91
1927	95.17	4.83
1928	95.56	4.44
1929	93.57	6.43
1930	92.50	7.50
1931	92.55	7.45
1932	95.47	4.53
1933	93.34	6.66

A table published on page 430 in this volume shows the number of prisoners received in jails by counties and years, and number of prisoners confined at the end of the fiscal years.

The number of prisoners in the county jails of the state on November 30, of the years named, as reported by the sheriffs, were as follows:

Year	Male	Female	Total
1924	..	..	847
1925	518	41	559
1926	492	29	521
1927	676	43	719
1928	604	43	647
1929	471	25	496
1930	849	64	913
1931	571	48	619
1932	550	48	598
1933	502	18	520

PRISONERS IN COUNTY JAILS, YEARS ENDING NOVEMBER 30
(From Records of County Sheriffs)

COUNTY	Prisoners Received						Number of Prisoners at End of Year		
	1933			1932	1931	1930	1933	1932	1931
	Male	Female	Total						
Adams	270	4	274	340	595	339	34	12	8
Alamosa	66	1	67	52	71	42	2	1	3
Arapahoe	131	7	138	33	99	67	4	2	5
Archuleta	18	....	18	....	2	3	....	....	....
Baca	59	....	59	50	86	91	4	2	4
Bent	82	5	87	*	153	114	2	5	6
Boulder	642	....	642	*	586	533	10	10	12
Chaffee	116	5	121	77	65	31	6	7	5
Cheyenne	22	3	25	39	53	20	1	1	1
Clear Creek	37	3	40	50	37	26	3	1	1
Conejos	48	1	49	*	50	10	....	65	11
Costilla	19	....	19	....	35	23	19	....	5
Crowley	43	2	45	25	93	111	....	....	7
Custer	5	....	5	4	4	6	....	....	1
Delta	83	....	83	73	81	54	5	1	1
Denver	5,254	487	5,741	5,552	5,300	4,422	253	280	284
Dolores	....	....	....	....	8	6	....	....	....
Douglas	22	....	22	38	25	70	1	3	....
Eagle	109	7	116	51	51	33	....	3	5
Elbert	13	1	14	5	18	8	....	1	....
El Paso	378	55	433	465	551	506	10	21	22
Fremont	122	8	130	89	91	104	4	9	4
Garfield	68	....	68	130	107	71	12	9	8
Gilpin	8	....	8	6	16	32	....	....	....
Grand	24	1	25	18	38	25	2	....	....
Gunnison	43	....	43	47	68	59	....	1	2
Hinsdale	2	....	2	....	3	....	....	....	....
Huerfano	163	7	170	176	149	146	1	9	6
Jackson	1	....	1	1	3	2	....	1	....
Jefferson	234	8	242	493	540	302	4	5	9
Kiowa	....	....	....	11	10	20	....	....	....
Kit Carson	55	....	55	76	*	*	1	....	*
Lake	120	2	122	65	63	134	6	10	1
La Plata	196	17	213	173	179	165	6	....	7
Larimer	265	8	273	72	267	266	14	4	11
Las Animas	323	29	352	317	324	319	9	6	5
Lincoln	....	....	....	*	79	50	....	*	8
Logan	149	8	157	173	165	172	5	5	2
Mesa	123	9	132	169	173	160	....	20	7
Mineral	5	....	5	4	7	1	....	....	....
Moffat	35	....	35	64	89	64	3	3	4
Montezuma	44	1	45	40	61	55	5	....	4
Montrose	63	2	65	107	143	86	2	4	13
Morgan	214	9	223	252	258	262	6	15	5
Otero	....	....	....	*	293	293	....	*	12
Ouray	13	1	14	19	18	28	2	....	1
Park	32	....	32	42	25	10	....	5	1
Phillips	34	1	35	61	56	49	....	5	4
Pitkin	10	1	11	8	11	1	2	....	....
Prowers	199	22	221	*	373	271	6	4	16
Pueblo	448	32	480	498	606	543	28	25	61
Rio Blanco	7	1	8	7	13	9	1	....	....
Rio Grande	62	6	68	89	83	67	2	4	....
Routt	105	5	110	81	98	90	7	7	5
Saguache	87	2	89	62	74	10	1	7	7
San Juan	....	....	....	3	7	2	....	....	....
San Miguel	*	*	*	18	10	2	*	....	....
Sedgwick	79	2	81	46	28	*	2	4	2
Summit	6	....	6	15	11	8	1	....	....
Teller	3	....	3	56	75	82	3	7	3
Washington	40	....	40	56	81	22	4	....	6
Weld	356	4	360	461	533	437	25	14	24
Yuma	6	....	6	58	80	*	2	....	*
State	11,161	767	11,928	10,917	13,271	10,934	520	598	619

*Data not available.

LIBRARIES IN COLORADO

Colorado has extensive library facilities available to the public, many of which are maintained in whole or in part by public funds. A survey conducted in 1934 by the library extension division of the Colorado state library under the federal civil works administration reported upon 110 libraries in the state containing 1,851,906 volumes. These are exclusive of public school libraries. The objects of this survey are to ascertain the kinds of library work carried on throughout the state, to study the library situation against the background of existing county conditions, such as finance, school facilities and physical barriers, and the plausibility of county consolidation or of state administration of the libraries in Colorado. The compilation of the data obtained in this survey will be completed this fall.

The following table, compiled from the preliminary figures, shows the number of libraries of various classifications in the state and the number of volumes contained therein, exclusive of public school libraries:

	No.	Volumes
State libraries	5	*192,503
Tax supported libraries	51	848,740
Non-tax supported	40	91,948
Publicly-controlled colleges and universities	8	493,943
Privately-controlled colleges and universities	6	224,772
Total	110	1,851,906

*Exclusive of legislative reference library.

Forty-nine of the tax-supported libraries reporting have an annual income of $316,270, and 27 non-tax supported libraries reported an income of $3,304, a total of $319,574. This is exclusive of the state libraries, and the libraries of colleges and universities. Sixty-four of the libraries reporting both the circulation of books and the number of borrowers showed a total circulation of 3,980,278 volumes and 209,237 borrowers. This is at the rate of 19 volumes annually for each borrower in the state. Pueblo showed 13.9 circulation per borrower, Colorado Springs, 21.3; and Denver, 21.3.

The state library, which is located in the capitol building, is under the supervision of the superintendent of public instruction. It is a reference library; a depository for the preservation of state records and reports, United States government reports and documents of other states and territories. It contains 125,000 volumes.

The extension division of the state library also is under the superintendent of public instruction. Its purposes are to give assistance, advice and counsel to all free libraries in the state, to committees which may propose to establish libraries and to all persons interested as to the best means of establishing and administering libraries, and to keep in operation free traveling libraries in the state. This division loaned 21,483 volumes to 432 libraries in the state in the biennial period ending June 30, 1932, and in the period September, 1933, to May, 1934, sent books into 49 counties, including 286 separate selections to schools, study clubs and communities, with an adequate average circulation for the 10,747 books selected.

The state legislative reference library is highly specialized and the service afforded includes supplying reference service to members of the state legislature and state officers and the drafting of bills and statutory revisions. It contains books, pamphlets, reports, newspaper files and miscellaneous material pertaining to its special line of work.

The state law library is under the supervision of the supreme court and is conducted for the benefit of the court and the lawyers appearing before it.

The state historical library is in the state museum building and is under the supervision of the state historical society. It collects and preserves material relating to the history of Colorado and has 5,503 volumes. It is a non-circulating library.

An accompanying table shows the cities and towns in the state in which libraries are operated, the number of volumes, circulation, income, number of borrowers and hours open per week. Another table gives the number of volumes and periodicals and the number of borrowers at the colleges and universities in the state.

LIBRARIES IN COLORADO CITIES AND TOWNS, 1934

Note.—This list includes libraries supported by funds raised by taxation and libraries which are financially without such aid. Tax supported libraries are designated with a (*). This table was compiled by Anne M. Strasser, extension division of the state library, from data gathered in 1934 in a library survey of the state under the federal civil works administration.

CITY OR TOWN	No. Volumes	Circulation	Income	No. of Borrowers	Hours Per Week
*Akron	3,362	10,183	$ 735	250	18
*Alamosa	5,343	25,753	200	1,162	45
Alma	7,750	.....	281	75	1
Ault	1,850	2,340	105	60	4
*Aurora	5,000	.....	780	.....	12
Bennett	2,000	2,319	30	205	4
*Boulder	17,082	65,693	5,131	6,000	75½
*Brush	7,730	16,499	1,898	1,706	25½
*Brighton	8,074	33,699	1,583	2,342	30
*Buena Vista	2,600	3,000	120	1,507	25½
*Burlington	4,190	18,000	600	700	18
*Canon City	10,011	29,112	2,745	.....	66
Center	2,000	.....	75	.....	4
Central City	700	.....	.....	125	20
Collbran	4,500	6,000	.....	.....	6
Cheyenne Wells	1,100	2,500	25	.....	3
*Colorado Springs—Public Library and Branch	50,329	222,421	19,988	15,000	69
Cortez	2,500	.....	100	400	18
Craig	118	.....	.....	100	9
Cripple Creek	.....	.....	100	.....	..
Del Norte	2,000	.....	.....	.....	9
*Delta	9,000	32,588	1,795	2,410	36
*Denver	371,703	2,041,900	200,000	95,086	75
*Durango	16,511	50,681	.....	2,745	58
*Eaton	6,818	11,407	850	275	12
Elizabeth	1,266	2,000	50	200	8
*Englewood	7,372	69,603	1,657	3,417	48
Evergreen	9,100	8,236	272	285	42
*Estes Park	6,077	11,898	1,200	906	11
*Flagler	1,240	1,403	100	200	10
*Fort Collins	22,123	124,036	7,980	5,000	75
*Fort Lupton	3,685	15,048	940	512	11
*Fort Morgan	10,000	17,742	3,000	6,000	36
Georgetown	4,000	.....	72	75	5
*Glenwood Springs	5,400	14,489	430	665	20
*Golden	6,000	4,140	500	497	42
*Grand Junction	10,127	68,933	4,013	3,488	45
*Greeley	30,526	168,590	10,290	6,100	76
Haswell	205	766	.....	125	18
*Hayden	2,000	.....	300	400	10
Haxtun	200	5,000	50	200	8
Holly	1,209	6,000	.....	300	6
*Holyoke	5,000	12,000	700	400	32
*Hugo	2,023	6,942	294	.....	10
*Idaho Springs	7,597	11,705	754	733	45
*Julesburg	2,500	10,000	618	250	12
*Lamar	7,100	17,174	2,000	500	36
*Las Animas	8,500	30,207	1,294	2,000	28
*Leadville	9,900	27,202	776	690	..
*Littleton	4,700	25,916	1,535	1,140	33
*Longmont	16,736	80,347	5,065	5,709	51
*Louisville	1,476	4,875	100	200	7
*Loveland	10,000	59,467	3,350	2,432	48
Mancos	3,000	2,500	.....	.....	54
*Manitou	6,921	16,994	845	306	42
Manzanola	3,000	5,200	110	65	18
Maybelle	1,350	.....	.....	50	10
*Meeker	3,900	6,000	450	300	14
Merino	2,000	5,500	75	.....	6
*Montrose	8,563	39,115	2,750	2,500	39
*Monte Vista	5,873	20,089	493	1,957	24
Morrison	300	.....	.....	25	..
Oak Creek	.....	.....	50	.....	42
Olathe	3,000	4,898	134	.....	12

*Tax supported libraries.

LIBRARIES IN COLORADO CITIES AND TOWNS, 1934—Continued

Note.—This list includes libraries supported by funds raised by taxation and libraries which are financially without such aid. Tax supported libraries are designated with a (*). This table was compiled by Anne M. Strasser, extension division of the state library, from data gathered in 1934 in a library survey of the state under the federal civil works administration.

CITY OR TOWN	No. Volumes	Circulation	Income	No. of Borrowers	Hours Per Week
Ordway	1,900	720	$ 75	500	18
Otis	.....	500	50	100	25
*Ouray	10,296	No Rept.	2,000	No Rept.	15
Ovid	200	4,000	135	300	8
Pagosa Springs	4,000	2,000	150	50	10
Platteville	2,200	3,419	46	53	9
Price Creek	225	100	.....	10	..
*Pueblo	40,384	223,226	10,200	16,000	54
Rangely	243	401	50	50	30
*Rifle	3,480	25,000	600	900	..
*Rocky Ford	10,444	51,457	2,800	2,012	47
San Acacio	2,000	300	.....	.....	2
Springfield	500	.....	.....	50	4
Sugar City	1,759	4,160	150	370	5
*Salida	10,366	30,583	1,723	.....	42
*Silverton	.....	.....	100	.....	..
*Steamboat Springs	6,867	16,858	900	500	14
*Sterling	14,510	87,977	4,544	4,088	50
Swink	2,290	1,500	150	100	4
*Trinidad	23,449	98,584	4,864	4,968	72
Victor	15,000	10,000	600	300	12
Virginia Dale	230	.....	.....	200	6
Walsenburg	3,500	1,000	92	500	16
Wellington	1,700	2,860	60	.....	4
*Windsor	2,852	12,500	500	1,474	15
*Wray	3,000	8,227	180	350	..
Yuma	3,062	7,991	217	87	6
Total, tax supported	848,740		$316,270		
Total, non-tax supported	91,948		3,304		
Grand total	940,688		$319,574		

*Tax supported libraries.

LIBRARIES OF COLORADO COLLEGES AND UNIVERSITIES, 1934

(Compiled by Anne M. Strasser, Extension Division Colorado State Library)

	Volumes	Periodicals	Borrowers
Publicly controlled:			
Adams State Normal	2,487	45	.....
Colorado Teachers	86,500	330	3,131
Agricultural College	80,332	245	2,476
Fort Lewis	5,000	25	.....
Grand Junction Junior College	2,256	5	175
School of Mines	29,388	.....	550
University of Colorado	271,440	316	6,155
Western State College	16,540	155	67,070
Total	493,943	1,121	79,557
Privately controlled:			
Colorado College	101,860	412	700
Colorado Woman's College	5,825	30	275
Iliff School of Theology	17,300	25	125
Loretto Heights College	12,416	108	224
Regis College	33,200	100	450
University of Denver	54,171	466	1,438
Total	224,772	1,141	3,212
Grand total	718,715	2,262	82,769

NOTABLE TUNNELS IN COLORADO

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

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

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

The Moffat tunnel was cut under a shoulder of James peak, 50 miles west of Denver, for the purpose of eliminating heavy railroad grades over the Continental Divide and shortening railroad distances. It is a public improvement constructed by the Moffat Tunnel Improvement district, created by the state legislature on April 29, 1922. It was named in honor of David H. Moffat, a pioneer banker and railroad builder, to whom is given the credit for having originated the undertaking.

The Moffat Tunnel Commission is composed of the following members: William J. Bennett, of Arvada, president; Charles H. Leckenby, of Steamboat Springs, and George P. Schumacher, of Denver, vice-presidents; Thomas H. Iles, of Axial, secretary; and Rodney J. Bardwell, Jr., of Denver, treasurer. The members, under a recent statute, are elected by the taxpayers of the district.

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

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

The pioneer tunnel was officially "holed" through on February 18, 1927, the blast of dynamite being set off by President Coolidge upon pressing a key in Washington, and the program being broadcasted to the country by radio from the heart of the mountain. This tunnel is under lease for a nominal rental to the city of Denver, which is maintaining it with a view of using it for water transportation purposes. The railroad tunnel was "holed" through on July 7, 1927, and formally turned over completed to the lessee on February 26, 1928. The railway tunnel has been leased to the Denver & Salt Lake Railway company for 50 years. Projected railroad connections through the tunnel will shorten the distance between Denver and the Pacific coast by 176 miles.

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

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

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

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

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

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

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

The Shoshone tunnel is located near Glenwood Springs, in Garfield county, the intake being 12 miles above Glenwood Springs on the Colorado river. It was constructed in 1906-1910 by the Central Colorado Power company to generate electricity by water power and now belongs to the Public Service company of Colorado. Tunnelling was through granite for the entire dis-

tance. It is 12 feet wide and 16.8 feet high. The total length is 12,453 feet and the cost, exclusive of the concrete lining, was $927,653.

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

The Lucania tunnel, at Idaho Springs, in Clear Creek county, was constructed for mine development and transportation purposes. It was started in the fall of 1901 and up to January 1, 1911, had been driven 6,385 feet. The projected length is 12,000 feet. The size of the tunnel is eight feet square.

The Big Five, or Central tunnel, at Idaho Springs, Clear Creek county, constructed for mine drainage and transportation purposes, is 9,000 feet long. It is 12 feet wide by eight feet high for a distance of 2,500 feet and the remainder is five feet wide by seven feet high.

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

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

The Roosevelt tunnel is located in the Cripple Creek district in Teller county and was constructed to drain gold mines in the district. It is 10 feet wide, six feet high and 14,167 feet long. It cost $386,421. Work started on it in June, 1907, and it was finished to the extent that the first drainage had begun in 1910.

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

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

PROHIBITION IN COLORADO

The sixteenth general assembly of Colorado passed a local option law in the spring of 1907 which permitted the people in any individual subdivision of the commonwealth to determine by vote whether that subdivision should become anti-saloon territory.

An amendment to the state constitution prohibiting the manufacture and sale of intoxicating liquors was submitted to the people of the state at a general election on November 5, 1912. It was defeated.

A similar amendment, known as "Article XXII—Intoxicating Liquors," was submitted at a general election on November 3, 1914, and was adopted. The amendment provided that the law should become effective at midnight on December 31, 1915.

An amendment to the constitution legalizing the manufacture of beer and its sale direct to the consumer was submitted at a general election on November 16, 1916. It was defeated.

An initiated measure known as the "bone dry" act was submitted at a general election on November 5, 1918, and was adopted.

A proposal to amend Article XXII of the state constitution, permitting the manufacture and sale of light wines and beer, was submitted at a general election in 1926 and was defeated.

In 1932 a proposal to amend the constitution by a measure repealing all existing legislation and constitutional provisions governing the question of intoxicating liquors, and providing that the traffic shall be governed by legislative regulation, was submitted to popular vote. The measure, which became effective June 30, 1933, was carried by a majority of 50,540.

The vote on the above named measures was as follows:

Year	For	Against
1912	75,877	116,774
1914	129,589	118,017
1916	77,345	163,134
1918	113,636	64,740
1926	107,749	154,672
1932	233,311	182,771

Article 18, known as the liquor prohibition amendment to the federal constitution, was proposed to the legislatures of the several states by the 65th congress on December 18, 1917, and on January 29, 1919, the secretary of state of the United States proclaimed its adoption by 36 states and declared it in effect at midnight on January 16, 1920.

The Volstead act (national prohibition act) to enforce the 18th amendment was passed by congress in October, 1919. It was vetoed by President Wilson and was passed over his veto on October 28, 1919, and became effective on January 17, 1920.

The twenty-first amendment to the federal constitution repealing the eighteenth (prohibition) amendment was adopted and in force December 5, 1933. Colorado was the twenty-fourth state to ratify the amendment, the vote for delegates to the convention being 133,066 for and 62,969 against repeal.

The twenty-ninth general assembly of the state legislature in 1934 enacted laws permitting public drinking only in eating places, supplies for consumption off the premises being made available at package stores.

Prior to the repeal of the federal prohibition amendment the federal laws were enforced in the state by the director of the prohibition administration for the tenth district, comprising Colorado, Wyoming, Utah, Arizona and New Mexico. Summaries of operations of this department in Colorado have been carried annually in the Year Book down to the end of the fiscal year of 1931. During the year ending June 30, 1932, there were 441 arrests in criminal cases, 283 convictions, 5 acquittals, 15 nolle prossed and 21 dismissed. There were 430 persons sentenced for an aggregate time of 123 years and fines were collected to the amount of $34,786. Property to the value of $77,720 was seized during the year, including 150 autos appraised at $41,190.

The quality of liquor consumed in Colorado prior to prohibition is not definitely known. In 1913, when the consumption in the country was near, or at the peak, the per capita consumption for the United States, based on the federal government's figures, was 22.68 gallons. This figure included light wines and beer. This per capita consumption applied to the 46 per cent of Colorado's population not anti-saloon territory prior to January 1, 1916, which included the larger cities where consumption normally was heavier than in rural communities, gave an indicated annual consumption of around 10,000,000 gallons.

Wholesale and Retail Distribution in Colorado

THE fifteenth decennial census of the United States included for the first time a census of wholesale and retail distribution. The statistics were collected in 1930 and cover operations in 1929. They were secured by a field canvass covering every state, city and county in the United States.

A state bulletin on wholesale distribution shows that in 1929 there were 2,075 wholesale establishments in Colorado, with 14,628 employes, exclusive of proprietors, and that these establishments had net sales in that year amounting to $539,625,526. These establishments paid out $48,352,641 in expenses, including $23,947,236 in salaries and wages, and at the end of the year had $37,448,597 in stocks at cost on hand.

The same census showed 13,993 retail establishments in the state, with 13,361 proprietors and firm members not on the pay rolls and 39,339 full-time and 6,700 part-time employes. The pay roll of these establishments in 1929 amounted to $50,731,078 and the net sales were $466,958,520. Stocks on hand at the end of the year amounted to $73,792,010 at cost.

Summaries of these operations are given herewith. Lack of space will not permit a reproduction of the statistics in detail, but these may be obtained from the census reports. The bureau of the census issued separate bulletins on Colorado, which go into all phases of wholesale and retail distribution by types of organization, by cities, towns and counties, by commod-

ities and by groups. These are available at the public libraries, or may be purchased from the superintendent of documents of the government printing office at Washington.

WHOLESALE DISTRIBUTION

The census of the wholesale trade embraces all establishments which were engaged in 1929 in the purchase, sale, or distribution of goods on a wholesale basis. In addition to wholesalers of the conventional type, the census covers wholesalers rendering limited services, such as desk jobbers and cash-and-carry wholesalers, and the whole range of organizations engaged in wholesale trade or operating on a wholesale basis, including brokers, commission merchants, chain-store warehouses, manufacturers' sales branches, selling agents, assemblers of agricultural products, etc. The statistics have been condensed into 24 groups. These groups comprise 88 major classifications and 351 minor or detailed classifications. For the purpose of conserving space, a summary for Colorado published herewith comprises all establishments engaged in the wholesale business, reduced to 24 major classifications.

The wholesale trade in farm products (including only those not specified under other classifications) ranked first in 1929, with 357 establishments having net sales of $142,459,705. Livestock, other than horses and mules, accounted for $85,982,512 of the total, and grain for $50,629,104. Food products not elsewhere specified were second, with 392 establishments doing a wholesale business of $80,948,860. Under this classification fruits and vegetables accounted for $46,407,787 and meats and meat products for $20,228,265.

Groceries and food specialties ranked third, with 164 wholesale establishments having net sales of $78,470,500, of which the general line of groceries accounted for $41,914,439 and food and grocery specialties for $36,556,061.

Metals and minerals, except petroleum and scrap, ranked fourth, with 34 establishments having net sales of $42,091,974. Petroleum and petroleum products came fifth, with 445 establishments having net sales of $31,471,903 and machinery, equipment and supplies, exclusive of electrical, came sixth, with 149 establishments and net sales of $26,423,030. The automotive group came seventh, with 68 establishments and net sales of $25,815,127. Under this classification, automobiles and other motor vehicles accounted for $13,158,207, auto equipment for $5,691,980; parts, $1,262,949, and tires and tubes, $4,701,982.

The principal commodity sales, by kind, in the order of their rank, per cent of total sales, and volume, are as follows:

Commodity	Per cent	Net sales
Livestock	18.1	$80,607,000
Fruits and vegetables	7.6	33,941,000
Iron and steel products	7.4	32,999,000
Groceries	5.3	23,427,000
Petroleum and petroleum products	4.8	21,507,000
Grain	4.3	19,231,000
Meats and meat products	4.0	17,729,000
Dairy products and eggs	3.1	13,761,000
Automobiles	3.0	13,377,000
Auto equipment	3.0	13,131,000
Machinery, equipment and supplies	2.9	12,853,000
Electrical appliances	2.7	11,927,000
Coal and coke	2.5	11,166,000
Cigars, cigarets and tobacco	2.2	9,851,000
Canned goods	1.9	8,466,000

Another table published herewith shows wholesale trade by cities in 1929.

RETAIL DISTRIBUTION

The census on retail distribution does not include wholly service businesses, such as laundries, dry cleaners, barber shops and the like, nor does it include the professions such as medicine and law, or public utilities such as water, gas and electricity. Retail establishments which sell less than half of their goods to other retailers, are included.

A summary of the retail business shows that 5.73 per cent of the total state population are engaged in the retail business as proprietors and employes. Of the $466,958,520 net retail sales in 1929, credit sales amounted to 39.98 per cent. Sixty-seven per cent of the employes were men and 33 per cent were women. The average annual salary of full-time employes was $1,249. The average wage cost (pay roll plus compensation of active proprietors computed at the same rate as that paid average full-time employes) equalled 14.32 per cent of sales. Average operating expenses, exclusive of cost of merchandise, was 25 per cent to sales.

Proportion of total sales by type of stores is as follows:

	Per Cent
Single-store independents	67.60
Multi-unit independents	9.02
Local chains	3.13
Sectional and national chains	12.27
All others	7.98

The average rental cost of leased premises was 3.70 per cent of total

sales. Stores with sales of less than $10,000 annually accounted for 42.77 per cent of total sales.

The automotive group led all other groups, with net sales of $112,032,068, or 23.99 per cent of net sales of all groups. The food group came second, with 20.09 per cent of total sales. A table published herewith gives the number of retail stores in each group, amount of pay roll, net sales in 1929, and per cent of total sales.

Single-store independents, stores which have no branches and are not part of local or national chains, accounted for 67.60 per cent of the total net business, while the national chains, with 434 stores, reported only 6.80 per cent of net sales.

Of 11,990 retail stores in the state reporting, 5,077, or 42.35 per cent of the total, did a cash business. Their net sales amounted to $115,964,000, or 27.89 per cent of total net sales for all stores reporting. Stores reporting more than 80 per cent credit business accounted for 14.96 per cent of net sales. These were the highest percentages reported, the remainder ranging from 3.97 to 9.63 per cent of total sales sold on credit.

There is given herewith a table showing retail distribution by types of operation, number of employes, net sales for 1929 and the per cent of total sales.

Another table shows the number of independent, national and sectional chain stores and other types of operation and their net sales, by counties.

Another table gives by counties, and incorporated places of 1,000, or more population, the number of stores, proprietors, employes, net sales, stock on hand and total pay roll.

WHOLESALE TRADE IN COLORADO, SUMMARY BY PRINCIPAL CLASSIFICATIONS, 1929

(Compiled from Census Reports)

KIND OF BUSINESS	No. of Establishments	No. of Employes, (Proprietors Not Included)	Salaries and Wages	Total Expenses, Including Salaries and Wages	Stocks on Hand, End of Year, at Cost	Net Sales
Amusements and sporting goods	33	421	$ 644,563	$ 1,318,751	$ 552,989	$ 5,456,250
Automotive	68	1,088	2,203,924	4,102,603	2,997,370	25,815,127
Chemicals, drugs and allied products	41	506	914,247	1,665,418	2,265,529	13,426,150
Dry goods and apparel	62	356	540,685	1,122,314	945,153	7,591,374
Electrical	56	746	1,217,017	2,461,506	1,862,335	20,964,324
Farm products (not elsewhere specified)	357	1,018	1,688,575	3,655,588	4,787,764	142,459,705
Farm supplies (except machinery and equipment)	18	256	253,835	532,444	391,186	6,386,139
Food products (not elsewhere specified)	392	3,090	3,600,870	6,880,403	3,919,657	80,948,860
Forest products (except lumber)	4	75	112,658	124,896	108,810	341,437
Furniture and house-furnishings	28	270	477,798	811,189	966,444	6,492,598
Groceries and food specialties	164	1,712	3,132,026	7,328,437	6,077,687	78,470,500
Hardware	20	306	526,050	1,207,217	1,560,340	5,286,498
Iron and steel scrap and other waste metals	22	99	95,195	181,600	160,432	2,282,092
Jewelry and optical goods	16	106	187,429	331,511	425,761	1,177,068
Leather and leather goods (except gloves and shoes)	9	79	149,293	290,369	472,973	1,190,699
Lumber and building materials (other than metal)	44	484	921,653	1,824,125	618,111	13,765,210
Machinery, equipment and supplies (except electrical)	149	1,229	2,325,750	4,269,398	3,634,023	26,423,030
Metals and minerals (except petroleum and scrap)	34	243	598,904	1,390,736	374,841	42,091,974
Paper and paper products	20	415	656,492	1,130,438	1,175,851	5,380,023
Petroleum and petroleum products	445	1,190	2,221,939	4,616,983	1,859,625	31,471,903
Plumbing and heating equipment and supplies	34	373	634,848	1,337,899	1,121,517	6,996,368
Tobacco and tobacco products (except leaf)	23	179	333,186	742,736	419,633	10,431,035
All others	36	387	510,299	1,026,080	750,566	4,777,171
Total, state	2,075	14,628	$23,947,236	$48,352,641	$37,448,597	$539,625,526

Note.—This table includes wholesalers only, bulk and tank stations, district and general sales offices, manufacturers' sales branches, agents and brokers, assemblers and country buyers and wholesale manufacturers, and is inclusive of 351 minor or detailed classifications which are omitted for lack of space, but which are available in detail in the census reports.

WHOLESALE TRADE IN COLORADO, BY CITIES, 1929

(Compiled from Census Reports)

CITY	No. of Establishments	No. of Employes (Proprietors not included)	Salaries and Wages	Total Expenses, Including Salaries and Wages	Stocks on Hand, End of Year, at Cost	Net Sales
Alamosa (Pop. 5,107)	12	44	$ 100,087	$ 181,050	$ 112,438	$ 1,796,229
Boulder (Pop. 11,223)	12	38	58,612	106,352	109,348	733,152
Canon City (Pop. 5,938)	12	52	54,553	115,193	53,369	798,170
Colorado Springs (Pop. 33,237)	43	318	491,118	997,097	493,407	8,359,227
Denver (Pop. 287,861)	934	10,564	18,343,311	37,109,154	25,720,052	395,958,075
Fort Collins (Pop. 11,489)	12	63	101,551	207,146	252,341	2,901,759
Grand Junction (Pop. 10,247)	29	218	382,669	682,539	905,529	7,579,111
Greeley (Pop. 12,203)	23	186	203,194	426,926	276,899	4,911,267
La Junta (Pop. 7,193)	10	27	46,597	89,047	55,861	676,681
Longmont (Pop. 6,029)	16	28	57,231	119,365	129,006	1,045,361
Loveland (Pop. 5,506)	7	14	28,724	65,726	66,226	642,783
Pueblo (Pop. 50,096)	65	711	1,018,672	2,074,289	2,144,148	18,965,425
Salida (Pop. 5,065)	7	42	36,560	79,293	47,995	459,870
Sterling (Pop. 7,195)	19	88	164,023	286,231	302,782	4,887,011
Trinidad (Pop. 11,732)	25	189	397,706	788,552	619,178	12,712,997
Walsenburg (Pop. 5,503)	11	34	62,812	150,986	142,999	1,372,639

RETAIL DISTRIBUTION IN COLORADO, BY TYPE OF OPERATION

(Compiled from Census Reports)

TYPE OF OPERATION	Number of Stores	Number Full-Time Employes	Net Sales (1929)	Per Cent of Total Sales
Single-store independents	11,504	26,025	$315,642,883	67.60
Two-store independents	457	3,230	30,183,148	6.46
Three-store independents	180	1,117	11,951,930	2.56
Local chains	389	1,233	14,606,156	3.13
Sectional chains	354	1,512	25,521,202	5.47
National chains	434	3,175	31,749,615	6.80
Other types of operation:				
Mail-order houses (catalog only)	10	773	10,787,396	2.31
Direct selling (house-to-house)	21	717	1,702,320	.36
Road-side markets, or stands	3	-----	6,689	----
Curbside markets	3	3	3,000	----
Industrial stores (including commissaries)	14	29	340,143	.07
Leased departments—independent operators	5	15	166,761	.04
Leased department chains	13	100	589,201	.13
Utility-operated retail stores	49	304	3,045,551	.65
Manufacturer-controlled chains	26	300	2,481,016	.53
Co-operative stores	4	9	154,183	.03
Retailers—country buyers*	421	485	12,602,728	2.70
Retailers-wholesalers*	100	311	5,386,479	1.15
All other types	6	1	38,119	.01
Total, state	13,993	†39,339	$466,958,520	100.00

*Retailers who combine with their store business the function of buying and assembling farm produce. They are mostly independent.

†Exclusive of 13,361 proprietors and firm members and 6,700 part-time employes.

RETAIL DISTRIBUTION, BY TYPES OF OPERATION AND COUNTIES, IN 1929

(Compiled from Census Reports)

Note.—Sales expressed in thousands of dollars.

COUNTY	Independent Stores		National and Sectional Chains		Other Types of Operations	
	Number of Stores	Net Sales (000)	Number of Stores	Net Sales (000)	Number of Stores	Net Sales (000)
Adams	184	$ 3,378	4	$ 146	16	$ 254
Alamosa	93	3,143	7	654	10	441
Arapahoe	250	5,675	15	829	13	575
Archuleta	26	673	-----	-----	-----	-----
Baca	56	1,951	7	337	19	789
Bent	78	2,171	3	244	4	264
Boulder	543	12,195	27	1,967	48	1,162
Chaffee	127	3,120	6	285	9	282
Cheyenne	38	506	2	*	14	*
Clear Creek	59	904	-----	-----	2	27
Conejos	68	1,356	2	*	13	*
Costilla	65	512	-----	-----	4	101
Crowley	67	1,331	5	205	5	133
Custer	29	*	-----	-----	2	*
Delta	116	3,090	7	499	13	723
Denver	3,888	144,026	306	26,111	232	24,026
Dolores	18	191	-----	-----	6	95
Douglas	56	781	-----	-----	2	27
Eagle	56	766	1	*	4	*
Elbert	39	599	3	37	23	640
El Paso	756	24,534	40	2,406	50	1,903
Fremont	267	5,920	17	888	10	339
Garfield	123	2,669	6	328	13	364
Gilpin	22	300	-----	-----	1	1
Grand	34	573	-----	-----	7	88
Gunnison	67	1,724	1	*	2	*
Hinsdale	14	76	-----	-----	1	1
Huerfano	160	3,895	10	823	14	466
Jackson	19	458	-----	-----	3	76
Jefferson	194	3,748	2	*	8	*
Kiowa	43	322	5	108	11	246
Kit Carson	95	2,300	12	345	22	867
Lake	56	1,501	-----	-----	3	471
La Plata	146	3,986	6	518	26	1,275
Larimer	396	10,728	36	2,122	25	599
Las Animas	317	8,311	29	2,354	26	974
Lincoln	78	1,534	3	52	25	759
Logan	200	6,344	14	1,353	15	651
Mesa	276	8,451	16	1,536	27	707
Mineral	16	204	-----	-----	-----	-----
Moffat	57	1,283	4	149	3	157
Montezuma	70	1,683	1	*	14	*
Montrose	99	2,959	5	425	7	193
Morgan	144	5,730	15	975	30	1,021
Otero	258	7,287	20	1,405	29	1,332
Ouray	41	493	-----	-----	2	21
Park	33	295	-----	-----	1	12
Phillips	58	1,559	10	343	17	473
Pitkin	24	323	-----	-----	-----	-----
Prowers	129	4,220	18	871	24	1,423
Pueblo	696	23,522	56	4,844	21	768
Rio Blanco	31	*	1	*	1	*
Rio Grande	114	3,289	9	532	9	212
Routt	121	2,765	5	202	6	285
Saguache	70	1,067	2	*	11	*
San Juan	52	605	-----	-----	1	59
San Miguel	32	542	-----	-----	4	22
Sedgwick	61	2,049	7	250	6	197
Summit	23	412	-----	-----	4	6
Teller	63	1,051	2	*	9	*
Washington	47	1,298	-----	-----	24	572
Weld	660	17,343	38	2,476	87	2,342
Yuma	123	2,887	3	243	26	1,028
State	12,141	$357,778	788	$ 57,271	1,064	$ 51,910

*Amounts withheld to prevent disclosure of individual operations, but are included in totals.

RETAIL DISTRIBUTION, BY COUNTIES AND INCORPORATED PLACES, IN 1929

(Compiled from Census Reports)

Note.—Net sales in 1929, stocks on hand at the end of the year, and total pay roll are given in thousands of dollars (add three ciphers).

Counties and Incorporated Places of 1,000 Population and Over	Number of Stores	Number of Proprietors and Firm Members (Not on Pay Roll)	Number of Employes (Full Time)	Net Sales (1929)	Stocks on Hand, End of Year	Total Pay Roll (Full and Part-Time)
				Thousands of Dollars		
Adams County	204	187	247	$ 3,778	$ 585	$ 307
Aurora (part in Arapahoe County)*	30	30	28	433	78	40
Brighton	79	69	168	2,238	368	218
Balance of county	95	88	51	1,107	139	49
Alamosa County	110	112	336	4,238	735	473
Alamosa	87	88	284	3,697	671	418
Balance of county	23	24	52	541	64	55
Arapahoe County	278	271	484	7,079	753	609
Englewood	104	106	174	2,494	279	201
Littleton	57	50	131	2,322	260	186
Balance of county, includes Aurora (part)*	117	115	179	2,263	214	222
Archuleta County	26	28	47	673	233	73
Baca County	82	88	145	3,077	503	189
Springfield	33	30	82	1,498	213	104
Balance of county	49	58	63	1,579	290	85
Bent County	85	97	133	2,679	389	166
Las Animas	57	61	122	2,305	332	151
Balance of county	28	36	11	374	57	15
Boulder County	618	612	1,168	15,324	2,481	1,416
Boulder	272	264	669	7,543	1,277	813
Lafayette	36	34	50	737	128	60
Longmont	154	154	352	5,546	816	454
Louisville	35	35	31	617	129	32
Balance of county	121	125	66	881	131	57
Chaffee County	142	158	298	3,687	673	295
Salida	110	122	264	3,323	597	265
Balance of county	32	36	34	364	76	30
Cheyenne County	54	61	59	901	171	54
Clear Creek County	61	66	99	931	167	92
Idaho Springs	34	28	79	680	128	75
Balance of county	27	38	20	251	39	17
Conejos County	83	89	121	1,844	375	136
Costilla County	69	82	23	613	146	21
Crowley County	77	69	99	1,669	300	130
Ordway	43	34	73	1,160	193	101
Balance of county	34	35	26	509	107	29
Custer County	31	38	21	418	97	24
Delta County	136	119	353	4,312	871	404
Delta	59	48	192	2,553	462	233
Balance of county	77	71	161	1,759	409	171
Denver County (coextensive with Denver city)	4,426	3,851	19,404	194,163	27,832	25,587
Dolores County	24	28	20	286	72	21
Douglas County	58	57	31	808	114	34
Eagle County	61	67	63	866	177	62
Elbert County	65	58	72	1,276	210	82

*For combined figures for this town see summary at the end of the table.

RETAIL DISTRIBUTION, BY COUNTIES AND INCORPORATED PLACES, IN 1929 —Continued

(Compiled from Census Reports)

Note.—Net sales in 1929, stocks on hand at the end of the year, and total pay roll are given in thousands of dollars (add three ciphers).

Counties and Incorporated Places of 1,000 Population and Over	Number of Stores	Number of Proprietors and Firm Members (Not on Pay Roll)	Number of Employes (Full Time)	Net Sales (1929)	Stocks on Hand, End of Year	Total Pay Roll (Full and Part Time)
				Thousands of Dollars		
El Paso County	846	754	2,740	$ 28,843	$ 4,653	$ 3,512
Colorado Springs	574	484	2,440	25,679	4,192	3,218
Manitou	76	74	120	723	96	94
Balance of county	196	196	180	2,441	365	200
Fremont County	294	289	537	7,147	1,133	635
Canon City	152	151	349	4,529	700	389
Florence	75	73	129	1,741	295	182
South Canon	10	11	17	208	12	21
Balance of county	57	54	42	669	126	43
Garfield County	142	143	231	3,361	647	269
Glenwood Springs	57	64	113	1,585	309	121
Rifle	38	30	86	1,074	186	115
Balance of county	47	49	32	702	152	33
Gilpin County	23	21	20	301	58	18
Grand County	41	61	41	661	142	46
Gunnison County	70	87	125	1,865	432	134
Crested Butte	10	10	17	303	86	20
Gunnison	46	63	100	1,361	289	101
Balance of county	14	14	8	201	57	13
Hinsdale County	15	17	2	77	13	1
Huerfano County	184	176	363	5,184	892	477
Walsenburg	134	137	289	3,951	609	370
Balance of county	50	39	74	1,233	283	107
Jackson County	22	23	27	534	135	33
Jefferson County	204	207	289	4,051	522	336
Arvada	31	28	73	1,102	142	95
Golden	46	44	98	1,354	250	132
Edgewater	13	12	12	174	14	12
Balance of county	114	123	106	1,421	116	97
Kiowa County	59	66	40	676	152	33
Kit Carson County	129	132	165	3,512	499	207
Burlington	38	34	107	1,793	233	131
Balance of county	91	98	58	1,719	266	76
Lake County	59	66	161	1,972	367	199
Leadville	55	63	154	1,807	348	186
Balance of county	4	3	7	165	19	13
La Plata County	178	196	374	5,779	1,096	510
Durango	121	127	348	5,015	943	482
Balance of county	57	69	26	764	153	28
Larimer County	457	427	998	13,449	2,324	1,301
Fort Collins	221	204	671	8,142	1,420	891
Loveland	100	85	221	3,301	567	298
Balance of County	136	138	106	2,006	337	112
Las Animas County	372	363	971	11,639	1,831	1,194
Aguilar	38	41	51	783	118	59
Trinidad	219	211	767	8,556	1,248	940
Balance of county, includes Delagua	115	111	153	2,300	465	195
Lincoln County	106	115	129	2,345	398	143
Limon	28	33	74	1,194	152	80
Balance of county	78	82	55	1,151	246	63

RETAIL DISTRIBUTION, BY COUNTIES AND INCORPORATED PLACES, IN 1929 —Continued

(Compiled from Census Reports)

Note.—Net sales in 1929, stocks on hand at the end of the year, and total pay roll are given in thousands of dollars (add three ciphers).

Counties and Incorporated Places of 1,000 Population and Over	Number of Stores	Number of Proprietors and Firm Members (Not on Pay Roll)	Number of Employes (Full Time)	Net Sales (1929)	Stocks on Hand, End of Year	Total Pay Roll (Full and Part Time)
				Thousands of Dollars		
Logan County	229	229	517	$ 8,348	$ 1,479	$ 705
Sterling	139	133	459	6,761	1,183	635
Balance of county	90	96	58	1,587	296	70
Mesa County	319	288	902	10,694	2,004	1,154
Fruita	25	29	23	428	78	23
Grand Junction	203	171	807	8,868	1,639	1,048
Balance of county	91	88	72	1,398	287	83
Mineral County	16	26	5	204	57	14
Moffat County	64	70	102	1,589	245	125
Craig	39	39	95	1,377	209	120
Balance of county	25	31	7	212	36	5
Montezuma County	85	91	126	2,233	410	153
Montrose County	111	101	240	3,577	622	326
Montrose	78	68	211	3,011	506	289
Balance of county	33	33	29	566	116	37
Morgan County	189	158	478	7,726	1,283	630
Brush	51	39	129	1,966	347	170
Fort Morgan	83	63	311	4,802	729	416
Balance of county	55	56	38	958	207	44
Otero County	307	270	781	10,024	1,564	882
La Junta	132	105	493	5,152	813	551
Rocky Ford	82	75	194	2,835	447	210
Balance of county	93	90	94	2,037	304	121
Ouray County	43	42	27	514	106	28
Park County	34	34	14	307	56	20
Phillips County	85	98	131	2,375	557	169
Haxtun	38	46	59	1,006	196	74
Holyoke	32	34	57	1,227	314	88
Balance of county	15	18	5	142	47	7
Pitkin County	24	24	24	323	95	21
Prowers County	171	175	405	6,514	951	579
Lamar	89	91	313	4,792	667	463
Balance of county	82	84	92	1,722	284	116
Pueblo County	773	792	2,604	29,134	4,528	3,327
Pueblo	706	719	2,441	26,944	4,102	3,126
Balance of county	67	73	163	2,190	426	201
Rio Blanco County	33	34	52	836	204	56
Meeker	29	31	48	740	186	53
Balance of county	4	3	4	96	18	3
Rio Grande County	132	132	235	4,033	820	335
Del Norte	44	46	55	1,006	190	77
Monte Vista	76	76	170	2,904	565	248
Balance of county	12	10	10	123	65	10
Routt County	132	118	197	3,252	616	259
Oak Creek	33	31	46	561	147	53
Steamboat Springs	42	45	65	1,072	183	92
Balance of county	57	42	86	1,619	286	114
Saguache County	83	90	97	1,388	296	119
Saguache	22	23	25	381	63	25
Center	28	32	43	628	163	64
Balance of county	33	35	29	379	70	30

RETAIL DISTRIBUTION, BY COUNTIES AND INCORPORATED PLACES, IN 1929 —Continued

(Compiled from Census Reports)

Note.—Net sales in 1929, stocks on hand at the end of the year, and total pay roll are given in thousands of dollars (add three ciphers).

Counties and Incorporated Places of 1,000 Population and Over	Number of Stores	Number of Proprietors and Firm Members (Not on Pay Roll)	Number of Employes (Full Time)	Net Sales (1929)	Stocks on Hand, End of Year	Total Pay Roll (Full and Part Time)
				Thousands of Dollars		
San Juan County	53	63	55	$ 664	$ 132	$ 73
Silverton	50	60	52	625	126	70
Balance of county	3	3	3	39	6	3
San Miguel County	36	42	33	564	137	41
Sedgwick County	74	80	129	2,496	442	155
Julesburg	44	49	96	1,725	277	118
Balance of county	30	31	33	771	165	37
Summit County	27	28	19	418	83	23
Teller County	74	76	104	1,539	259	148
Cripple Creek	36	33	46	592	114	59
Victor	25	28	55	855	115	80
Balance of county	13	15	3	92	30	9
Washington County	71	82	94	1,870	339	107
Akron	40	49	53	972	206	61
Balance of county	31	33	41	898	133	46
Weld County	785	762	1,330	22,161	3,527	1,822
Eaton	46	42	70	1,336	201	92
Fort Lupton	46	39	74	1,282	194	90
Greeley	242	228	825	11,559	1,773	1,204
Windsor	35	30	57	1,135	214	74
Balance of county	416	423	304	6,849	1,145	362
Yuma County	152	175	202	4,158	802	237
Wray	52	63	109	2,052	348	139
Yuma	49	54	65	1,397	300	74
Balance of county	51	58	28	709	154	24
State	13,993	13,361	39,339	$466,959	$73,792	$50,731
INCORPORATED PLACES LOCATED IN TWO OR MORE COUNTIES (Included above in respective counties)						
Aurora: Adams County / Arapahoe County	47	44	72	1,098	128	101

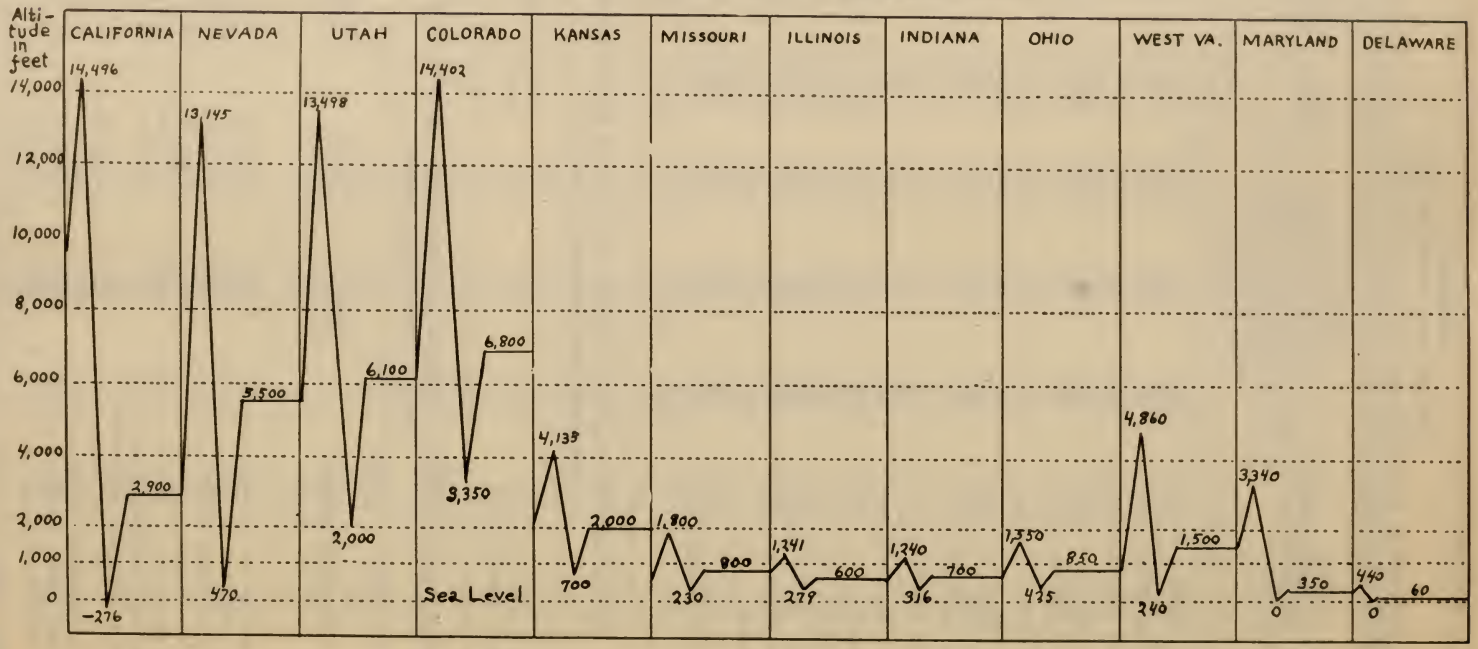
RETAIL DISTRIBUTION: SUMMARY OF PRINCIPAL GROUPS IN COLORADO

(Compiled from Census Reports)

KIND OF BUSINESS	Number of Stores	Pay Roll (Full and Part Time)	Net Sales (1929)	Per Cent Total Sales
Food group	3,453	$ 6,400,105	$ 93,810,502	20.09
General stores	776	1,267,250	23,669,390	5.07
General merchandise group	493	8,171,067	66,732,194	14.29
Automotive group	3,030	10,908,986	112,032,068	23.99
Apparel group	822	3,787,000	29,768,038	6.38
Furniture and household group	511	3,591,597	22,180,609	4.75
Restaurants, cafeterias, and eating places	1,169	3,346,988	17,232,182	3.69
Lumber and building group	615	3,342,464	25,091,654	5.37
Other retail stores	2,841	9,573,640	73,714,501	15.79
Second hand stores	283	341,981	2,727,382	0.58
Total, state	13,993	$ 50,731,078	$466,958,520	100.00

HIGHEST AND LOWEST POINTS AND APPROXIMATE MEAN ALTITUDE OF STATES THROUGH WHICH PASSES THE THIRTY-NINTH PARALLEL

(Compiled from Reports of the U. S. Geological Survey)



LATITUDE AND LONGITUDE

Colorado lies between the 37th and 41st parallels north of the equator and the 102nd and 109th meridians west of Greenwich. Parallels are imaginary lines encircling the earth, each parallel being an equal distance at all points from the equator. A meridian is a great circle on the surface of the earth passing through the poles and any given place. Latitude is the distance north or south from the equator measured on the meridians. Longitude is the distance east or west of Greenwich measured on the parallels. The distance between parallels and between meridians is measured by degrees. A degree of latitude (distance between two parallels) is 68.704 miles at the equator and 69.407 at the poles. The average in Colorado is approximately 69 miles. Thus, Colorado lies from 2,553 to 2,829 miles north of the equator. A degree is equal to 60 minutes and a minute is equal to 60 seconds.

The latitude and longitude of designated points in Colorado are as follows:

	Latitude	Longitude
	° ′ ″	° ′ ″
Denver	39 40 36N	104 56 56W
Mt. Elbert	39 07 04N	106 26 41W
Mt. Ouray	38 25 22N	106 13 27W
Pike's Peak	38 50 26N	105 02 37W

°Degree. ′Minutes. ″Seconds.

The following table gives the distance in miles north and south of Denver, reckoned on latitude, of important cities of the world. It is based on an average of 69 miles to the degree. The distance given is not from Denver to the city named, but from an imaginary line encircling the earth at Denver's latitude to the city due north or south of that line:

City	— Miles — South of Denver	North of Denver
Algiers, Algeria	131	...
Archangel, Russia	...	1,716
Berkeley, California	55	...
Berlin, Germany	...	885
Bismarck, North Dakota	...	493
Bogota, Columbia	2,351	...
Boston, Massachusetts	...	185
Calcutta, India	1,112	...
Carson City, Nevada	36	...
Chicago, Illinois	...	150
Cincinnati, Ohio	37	...
Colon, Panama	2,022	...
Constantinople, Turkey	...	92
Dry Tortugas, Florida	968	...
Dublin, Ireland	...	946
Fairbanks, Alaska	...	1,736
Gibraltar	177	...
Hongkong, China	1,126	...
Honolulu, H. I.	1,199	...
Indianapolis, Indiana	...	7
Leningrad, Russia	...	1,398
London, England	...	814
Los Angeles, Calif.	343	...
Manila, P. I.	1,663	...
Melbourne, Victoria	5,346	...
Montreal, Canada	...	403
Moscow, Russia	...	1,110
Nashville, Tennessee	174	...
New Orleans, Louisiana	603	...
New York, New York	...	78
Omaha, Nebraska	...	109
Paris, France	...	632
Portland, Maine	...	275
Portland, Oregon	...	404
Rio de Janeiro, Brazil	4,455	...
Rome, Italy	...	153
St. Louis, Missouri	71	...
San Francisco, Calif.	100	...
Sidney, N. S. W.	5,024	...
Washington, D. C.	52	...

RADIO AND BROADCASTING

Twelve radio broadcasting stations were operating in Colorado on January 1, 1934, under licenses issued by the federal radio commission. Three of the Colorado stations are affiliated with the two network, or chain systems, which render a service national in scope. Station KOA, in Denver, is one of the 13 key stations of the National Broadcasting Company (NBC) with which are affiliated 76 stations from which it buys time or to which it sells or provides program service. Stations KLZ in Denver and KVOR in Colorado Springs are affiliated with Columbia Broadcasting Company (CBS) which on March 26, 1932, had nine key stations and 87 stations from which it bought time or to which it sold or provided program service. A table giving a list of the broadcasting stations in Colorado, their location, call signals, owners, power, frequency and time is published herewith.

In addition to the broadcasting stations there were in the state on May 1, 1932, 237 amateur stations operated under permits and nine radio stations other than broadcast and amateur. The latter included an experimental broadcast station operated by the National Broadcasting company in connection with plans to construct a 50,000-watt transmitter station, recently completed; two aeronautical stations; two stations operated in connection with the Denver municipal water supply system for emergency purposes; a muncipal police system in Denver, through which communication with cruising police automobiles is maintained; one United States army intercommunications station; a station operated at the state school of mines

in connection with geophysical work; and one United States department of commerce airways station. A list of these stations, call signals, power, frequency and service is given in a separate table.

The 1930 census of retail distribution shows that in 1929 there were 72 retail radio and electrical shops and 45 radio and musical instrument stores doing business in the state. These had 105 proprietors and firm members who were not on the payroll, 436 full-time employes and 47 part-time employes. Total pay roll for 1929 was $633,969 and net sales in that year were $3,934,379. The value of proprietors' service at same rate as paid full-time employes was $134,234. These retail distribution figures do not include department stores and other establishments which handled radios and equipment as a part of numerous lines.

Wholesale distribution figures of the bureau of the census give 12 wholesale radio and radio equipment establishments in the state in 1929, these establishments having net sales in that year of $4,138,213. These establishments had 137 employes, exclusive of proprietors, and salaries and wages paid amounted to $268,467. Total expenses, including salaries and wages, were $640,011. Stocks on hand at the end of 1929, at cost, amounted to $428,761.

There were 267,324 families in Colorado in 1930 as reported by the census. Of these 100,959, or 37.8 per cent, reported radio sets, of which 63,388 were in the cities and towns, 19,020 were on the farms and 18,551 were rural non-farm. The distribution of radio sets varies considerably in different areas of the state and follows no set rule. Jefferson county ranked first with 54.1 per cent of all families having radios, while Jackson county, which is remote from the larger cities, ranked second with 52.2 per cent. One out of every two families in Denver, or 50.8 per cent of the total, reported sets in 1930. Conejos county was the lowest in the state, with only 4.5 per cent.

The following table, which is taken from the United States census report for 1930, gives the number of families by counties having radio sets, and the per cent of the total number of families in the county:

	Families Having Radio Sets	Per Cent of County Total
Adams	1,931	41.7
Alamosa	471	22.4
Arapahoe	2,920	48.3
Archuleta	91	11.7
Baca	494	20.1
Bent	534	25.7
Boulder	3,819	42.4
Chaffee	609	29.9
Cheyenne	275	29.9
Clear Creek	305	41.0
Conejos	287	14.0
Costilla	56	4.5
Crowley	372	26.3
Custer	181	29.0
Delta	820	22.7
Denver	40,296	50.7
Dolores	50	12.8
Douglas	441	45.8
Eagle	304	29.8
Elbert	636	37.9
El Paso	5,902	41.8
Fremont	1,419	30.0
Garfield	748	28.7
Gilpin	128	30.7
Grand	210	33.8
Gunnison	351	23.1
Hinsdale	48	31.8
Huerfano	661	16.7
Jackson	205	52.2
Jefferson	3,149	54.1
Kiowa	234	24.7
Kit Carson	785	34.2
Lake	333	23.8
La Plata	641	19.9
Larimer	3,462	40.2
Las Animas	1,583	18.5
Lincoln	779	39.6
Logan	1,520	33.8
Mesa	1,816	27.5
Mineral	61	28.0
Moffat	359	25.8
Montezuma	294	15.6
Montrose	609	21.5
Morgan	1,434	33.6
Otero	1,659	27.5
Ouray	124	22.0
Park	240	38.5
Phillips	691	47.5
Pitkin	162	30.3
Prowers	908	25.8
Pueblo	4,873	30.4
Rio Blanco	184	23.9
Rio Grande	636	26.7
Routt	804	31.9
Saguache	394	25.5
San Juan	118	27.2
San Miguel	111	17.8
Sedgwick	476	36.5
Summit	122	36.9
Teller	370	27.1
Washington	801	35.1
Weld	5,581	36.0
Yuma	1,082	32.3
Total, state	100,959	37.8

The following table shows the number of families having radio sets in cities and towns of the state with a population of 2,500 or more and the per cent of families with sets to the total number of families:

	Families Having Radio Sets	Per Cent of All Families
Alamosa	317	24.2
Boulder	1,584	46.2
Brighton	356	42.4
Canon City	519	37.4
Colorado Springs	4,236	42.4
Delta	212	27.0
Denver	40,296	50.8
Durango	351	24.8
Englewood	1,120	51.2
Fort Collins	1,423	45.0
Fort Morgan	522	44.8
Grand Junction	899	33.6
Greeley	1,593	46.3
La Junta	665	35.1
Lamar	330	30.1
Las Animas	200	31.3
Leadville	277	25.9
Longmont	842	50.1
Loveland	635	42.7
Monte Vista	216	30.3
Montrose	943	29.0
Pueblo	3,964	32.2
Rocky Ford	227	24.0
Salida	443	34.3
Sterling	718	41.8
Trinidad	905	29.4
Walsenburg	276	20.4

Colorado has the distinction of being the first state west of the Mississippi river and one of the first in the country in which were established stations conducting daily broadcasts on regular schedules as broadcasting is now known. The Westinghouse Electric & Manufacturing company's station KDKA, in Pittsburgh, is generally credited with being the first station in the country to begin the commercial transmission of programs. This service, under a broadcasting license issued by the department of commerce, was inaugurated on November 2, 1920, and consisted of the announcement of election returns and the election of President Harding. Prior to this date, however, in 1919, Dr. W. D. Reynolds, who then resided in Colorado Springs, was operating under a special amateur's license, No. 9 ZAF, this being the only license of the kind granted to Colorado parties at the time. In 1920 Dr. Reynolds moved to Denver and began broadcasting market reports, daily weather reports, etc., and each Sunday broadcasted sermons by a Denver pastor. The first commercial license issued to KLZ, as the station has since been known, was dated March 10, 1922.

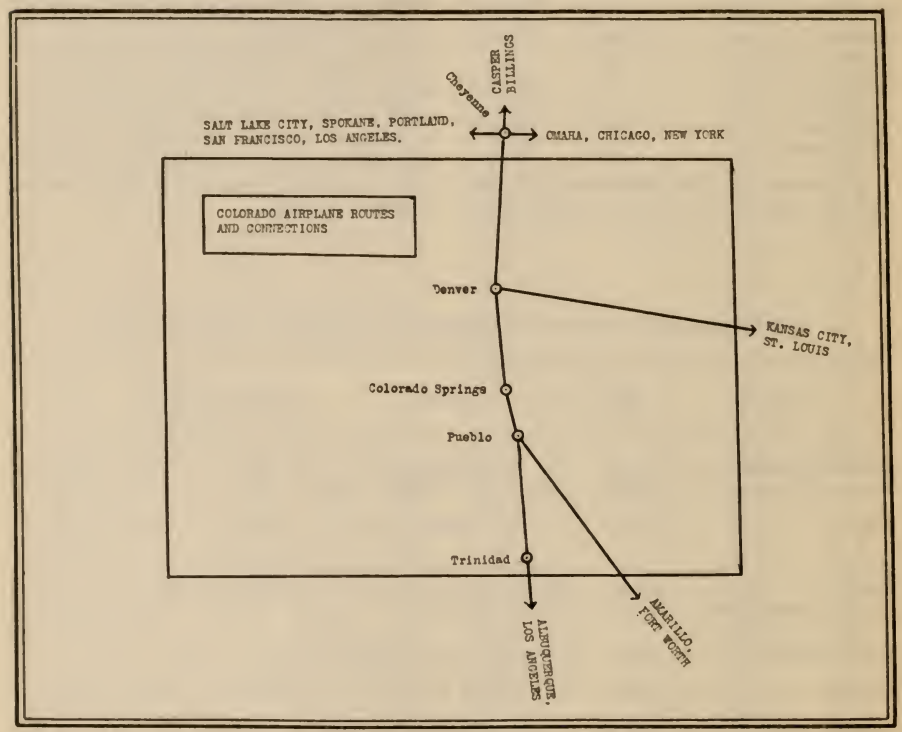
LICENSED BROADCASTING STATIONS IN COLORADO JANUARY 1, 1934

Location	Call Signal	Owner	Power (Watts)	Frequency in Kilocycles	Time
Colorado Springs	KVOR	S. H. Patterson	1,000	1,270	Unlimited
Denver (Edgewater)*	KFEL	Eugene P. O'Fallon, Inc.	500	920	Shares with KFXF
Denver	KVOD	Colorado Radio Corp.	500	920	Shares with KFEL
Denver	KLZ	Reynolds Radio Co., Inc.	1,000	560	Unlimited
Denver	KOA	National Broadcasting Co.	50,000	830	Unlimited
Denver (Westminster)*	KPOF	Pillar of Fire, Inc.	500	880	Shares with KFKA
Grand Junction	KFXJ	Western Slope Broadcasting Co.	100	1,200	Unlimited
Greeley	KFKA	Midwestern Radio Corp.	‡1,000	880	Shares with KPOF
Lamar	KIDW	Lamar Broadcasting Co.	100	1,420	Shares with KGIW
Pueblo	KGHF	Curtis P. Ritchie, et al.	§500	1,320	Unlimited
Alamosa	KGIW	Leonard E. Wilson	100	1,420	Shares with KIDW
Yuma	KGEK	Beeler Electrical Equipment Co.	100	1,200	Specified hours

*Transmitter location.
‡1,000 for day, 500 for night.
§500 for day, 250 for night.

RADIO STATIONS IN COLORADO OTHER THAN BROADCAST OR AMATEUR
JANUARY 1, 1934

Location	Call Signal	Power (Watts)	Frequency in Kilocycles	Service
Denver	W9XA	12,500	830	Experimental broadcast
Denver	KGSP	150	278; 2,720; 3,072.5; 5,692.5; 6,530; 8,015	Aeronautical
Denver	KGPX	150	2,442	Police
Denver	KICX	50	3,190	Water emergency
Eleven Mile Canon	KICL	50	3,190	Water emergency
Fitzsimons Hospital	WTS	250	4,090; 8,180	U. S. Army
Golden	W9XE	5	1,604; 2,398	Geophysical portable (School of Mines)
Pueblo	KGSR	150	278; 2,720; 3,072.5; 5,692.5; 6,530; 8,015	Aeronautical
Pueblo	KCAR	2,000	302; 3,410; 5,955	U. S. Dept. of Commerce, Airways



AIRPORTS, AIRCRAFT, PILOTS AND ROUTES

There were 32 airports and landing fields for aircraft in Colorado on January 31, 1934, as reported by the aeronautics branch of the United States department of commerce. This is one less than the number listed on January 1, 1933, and six less than on January 1, 1932, several auxiliary and intermediate fields having been discontinued. The active fields include 12 municipal airports, four commercial airports, two intermediate fields, 13 auxiliary airports and one army field. The two department of commerce in-

termediate fields are at Castle Rock and Dover. Intermediate fields at Fort Lupton, Monument and Wigwam have been discontinued. The location and classification of the fields as of January 31, 1934, are as follows:

Akron, American Legion airport, auxiliary.
Alamosa, Alamosa airport, auxilliary.
Buena Vista, municipal.
*Castle Rock, intermediate.
Center, Center Legion airport, municipal.
Cheyenne Wells, Cheyenne Wells airport, auxiliary.
Colorado Springs, Alexander airport, commercial.
†Colorado Springs, Colorado Springs airport, municipal.
Craig, Craig airport, auxiliary.
Delta, Delta airport, municipal.
Denver, Curtiss field, commercial.
†Denver, Denver airport, municipal. (Rating A1A.)
†Denver, Lowry field, National Guard, army.
*Dover, intermediate.
Durango, Durango airport, municipal.
Florence, Florence flying field, auxiliary.
Fort Collins, Fort Collins airport, commercial.
Grand Junction, Grand Junction airport, municipal.
†Greeley, Greeley airport, municipal.
Gunnison, Meeker ranch field, auxiliary.
Holly, Holly airport, auxiliary.
Holyoke, Holyoke airport, municipal.
La Junta, American Legion airport, auxiliary.
Las Animas, Las Animas airport, auxiliary.
Longmont, Blackwell airport, auxiliary.
Monte Vista, Monte Vista airport, municipal.
Montrose, Montrose airport, municipal.
Otis, Otis airport, auxiliary.
†Pueblo, Pueblo airport, municipal.
Saguache, auxiliary.
Salida, American Legion airport, commercial.
Sterling, municipal.
Trinidad, Holloway field, auxiliary.

*Department of commerce intermediate landing field, marked and lighted by the department.
†Airports equipped with partial or complete lighting equipment.

A survey made in 1930 by the aeronautics branch of the department of commerce covered 20 airports, of which 15 were municipal and five were commercial and private airports. As the purpose was to determine the status of airports available to civil aeronautics for regular flying operations, military and miscellaneous government airports and auxiliary and intermediate landing fields were not included. This survey showed that the average investment per airport for municipal airports was $35,000, or a total of $525,000, and the average for commercial and private airports was $53,400, or a total of $367,000, a grand total of $892,000 for both municipal and commercial and private.

The status of aircraft, gliders, pilots, and mechanics, as of January 1, 1931, 1932 and 1933 and October 1, 1933, as reported by the department of commerce, is as follows:

	Oct. 1 1933	Jan. 1 1933	1932	1931
Aircraft:				
Licensed	33	36	44	50
Unlicensed	22	34	43	24
Total	55	70	87	74
Gliders	23	95	94	97
Pilots:				
Transport	46	53	62	56
Limited commercial	4	8	18	32
Private	[1]35	47	63	59
Total	85	108	143	147
Mechanics	*	*	80	76

*Not reported.
[1]Includes 9 solo pilots.

The Denver municipal airport is one of four in the United States which has received a high rating of A-1-A by the department of commerce, being the second so designated. The other three are the Rickenbacker airport at Sioux City, Iowa, and the municipal airports at Pontiac, Michigan, and Brownsville, Texas.

United States air transport routes in Colorado as of October 15, 1933, are given below. The mail contracts on these routes were cancelled by the postmaster general early in 1934, but subsequently new contracts were awarded covering substantially the old routes, except that the Kansas City-Denver route had not been re-established up to June 1.

Pueblo to Cheyenne, Wyoming, inaugurated May 31, 1926, carries mail, passengers and express. It operates a daily service over a 199-airway-miles route with a daily plane-miles schedule of 398.

Kansas City to Denver, inaugurated July 29, 1929, carries passengers, express and mail. It operates on a daily schedule over a 566-airway-miles route and has a daily plane-mile schedule of 1,132.

Denver to Cheyenne, inaugurated August 1, 1931, carries mail, passengers and express. It operates on a daily schedule over a 96-airway-miles route and has a daily plane-mile schedule of 192.

Albuquerque to Pueblo, inaugurated August 1, 1931, carries mail, passengers and express. It operates on a daily schedule over a 248-airway-miles route and has a daily plane-mile schedule of 496.

Amarillo to Pueblo, inaugurated August 1, 1931, carries mail, passengers and express. It operates on a daily schedule over a 261-airway-miles route and has a daily plane-mile schedule of 522.

Denver to Billings, inaugurated April 16, 1931, carries passengers. It operates on a daily schedule over a 476-airway-miles route and has a daily plane-mile schedule of 952.

All the routes named make connections at terminals with other routes. Airway miles above given is the airline distance between cities.

INDUSTRIAL COMMISSION

Colorado has efficient industrial laws administered by the state industrial commission. This commission administers the workmen's compensation act, which provides for the payment of compensation to workmen for disability due to accidents or to dependents in the event of death; the industrial relations act, which provides a method for composing differences between employers and employes; and the state compensation insurance fund, which provides compensation insurance for employers.

The members of the industrial commission, three in number, are appointed by the governor for terms of six years, one appointment expiring every two years. The appointments must be confirmed by the senate. One member represents the employers, another the employes and the third the public.

The commission began to function on August 1, 1915, and from that date to November 30, 1932, a total of 295,432 accidents was reported, of which the largest number, 25,846, was reported in 1929, and the smallest, 11,358, was reported in 1919. Arising out of these accidents there were 77,059 claims, or 26.4 per cent, filed between August 15, 1915, and November 30, 1932. Of claims filed up to the end of the fiscal year 1932, 74,456, or 96.7 per cent, were males and 2,603, or 3.3 per cent, were females. Fatal claims (deaths) aggregated 2,886 for the period, of which 1,043, or 34.05 per cent, were in the coal industry; 526, or 17.8 per cent were in the metal industry; and 1,317, or 48.1 per cent, were in miscellaneous industries. Of 75,073 non-fatal claims, 16,114, or 22 per cent, were accidents in the coal industry; 8,502, or 11.9 per cent were in the metal industry; and 49,557, or 66 per cent, were in miscellaneous industries. The commission, to November 30, 1932, made 9,194 awards; 23,585 awards were made by the referee; and 63,311 compensation agreements were approved.

The average weekly wage for the entire period was $24.04. This average is obtained under the law by taking the amount of the compensation received by the claimant in the year preceding the accident and dividing it by 52 weeks. The average weekly rate of compensation for the entire period was $10.02.

An accompanying table shows the number of accidents, number of claims, average weekly wage and average weekly compensation by years.

Employers of labor are required under the law to carry insurance for the protection of employes coming under the compensation act. The state has its own compensation insurance fund for the protection of its employes and those of counties and school districts. Other employers may come under this fund, provide their own insurance, or take out insurance with private agencies. In 1915 to 1931, inclusive, premiums paid by the employers to the various agencies aggregated $27,730,077, and losses paid aggregated $13,376,266. An accompanying table shows premium income and losses paid in Colorado by years.

A statement of the condition of the state compensation insurance fund as of December 31, 1932, is as follows:

Assets

U. S., State and Municipal bonds	$3,038,980.00
Registered warrants	5,316.81
Cash	92,914.46
Premiums due	148,842.08
Interest accrued	31,460.26
Total	$3,317,513.61

Liabilities

Reserve to pay claims	$1,717,971.85
Premiums unearned	226,650.64
Dividends payable	47,040.42
Reserve for rent	9,600.00
Reserve for reinsurance premiums	1,939.04
Reserve for dividends	50,000.00
Surplus	1,264,311.66
Total	$3,317,513.61

Another table published herewith shows income and disbursements of the fund for the calendar years of 1932 and 1931.

STATE COMPENSATION INSURANCE FUND, RECEIPTS AND DISBURSEMENTS

(For Years Ending December 31)

	1932	1931
RECEIPTS:		
Premiums written	$ 614,933.46	$ 702,268.48
Interest received	139,841.40	134,550.85
Sale and redemption of bonds and warrants	51,865.97	187,355.46
Total	$ 806,640.83	$1,024,174.79
DISBURSEMENTS:		
Compensation and benefits paid	$ 540,915.48	$ 549,219.40
Dividends paid	120,695.99	134,531.10
Operating expense	58,012.80	59,345.83
Bonds and warrants purchased	57,237.77	322,981.76
Balances charged off	5,102.18	.....
Reinsurance premiums	.....	4,312.75
Total	$ 781,964.22	$1,070,390.84

WORKMEN'S COMPENSATION INSURANCE PREMIUMS AND LOSSES

(Reports of Industrial Commission)

Year	Stock Companies	Mutual Companies	State Fund	Yearly Totals
Net Premium Income:				
*1915	$ 32,602.56	$ 163,526.58	$ 46,710.00	$ 242,839.14
1916	475,402.36	254,351.63	134,371.41	864,125.40
1917	664,049.89	303,466.36	192,328.45	1,159,844.70
1918	854,239.28	382,528.75	370,593.75	1,607,361.78
1919	818,782.86	313,432.55	267,612.12	1,399,827.53
1920	906,639.75	502,262.10	460,116.11	1,869,017.96
1921	931,622.93	416,087.25	364,009.52	1,711,719.70
1922	590,611.51	330,407.73	339,537.41	1,260,556.65
1923	665,509.93	402,663.69	404,562.16	1,472,735.78
1924	806,751.61	398,077.73	412,733.56	1,617,562.90
1925	1,033,794.56	351,428.79	554,868.86	1,940,092.21
1926	1,031,537.78	348,613.55	605,630.54	1,985,781.87
1927	1,001,375.17	357,852.64	880,400.39	2,239,628.20
1928	965,159.08	420,823.09	676,327.54	2,062,309.71
1929	1,092,230.06	434,515.26	720,568.78	2,247,314.10
1930	1,050,513.00	373,002.00	747,652.00	2,171,167.00
1931	877,422.00	302,816.00	697,955.00	1,878,193.00
1932	584,192.00	234,998.00	614,933.00	1,434,123.00
Total	$14,382,436.33	$6,290,853.70	$8,490,910.60	$29,164,200.63
Net Losses Paid:				
*1915	$ 1,738.02	$ 2,657.46	$ 2,563.65	$ 6,939.13
1916	128,719.80	23,188.98	28,535.76	180,444.54
1917	191,556.57	58,546.16	42,497.24	292,599.97
1918	243,915.88	74,008.02	51,391.68	369,315.58
1919	294,156.65	98,135.51	86,546.79	478,838.95
1920	356,059.22	111,893.71	128,333.71	596,286.64
1921	389,800.87	130,440.08	168,340.20	688,581.15
1922	385,124.75	141,611.72	178,710.00	705,446.47
1923	499,806.15	134,095.21	201,169.98	835,071.34
1924	528,407.02	134,713.11	246,969.03	910,089.16
1925	567,364.78	139,083.34	279,972.80	986,420.92
1926	596,449.24	139,019.76	310,296.34	1,045,765.34
1927	596,618.80	149,883.31	372,349.08	1,118,851.19
1928	610,412.52	156,431.50	413,826.79	1,180,670.81
1929	618,767.28	180,333.88	484,386.67	1,283,487.83
1930	646,477.00	183,490.00	510,018.00	1,339,985.00
1931	620,509.00	187,744.00	549,219.00	1,357,472.00
1932	487,320.00	165,921.00	540,915.00	1,194,156.00
Total	$7,763,203.55	$2,211,176.75	$4,596,041.72	$14,570,422.02

*August 1, 1915, to December 31, 1915.

ACCIDENTS AND CLAIMS, WORKMEN'S COMPENSATION

	1932	1931	1930	1929	1928	1927	1926	1925
Number of accidents	18,540	21,132	22,973	25,846	19,773	19,571	19,797	18,143
Number of all claims	3,856	4,502	5,150	5,467	5,312	5,751	5,584	5,807
Death claims	116	108	151	177	147	180	155	152
Non-fatal	3,740	4,394	4,999	5,290	5,165	5,571	5,429	5,655
Average weekly wage	$22.06	$24.66	$26.10	$25.12	$24.93	$25.49	$23.63	$25.02
Average weekly compensation	$10.24	$11.00	$11.56	$11.08	$10.79	$10.77	$10.63	$10.74

MUSEUMS AND ZOOLOGICAL EXHIBITS

Colorado has a number of museums housing works of art, relics of ancient races, historical documents, specimens of prehistoric beasts and reptiles and present fauna and flora. The exhibits in some of these museums are among the finest in the country and afford excellent opportunities for study by scientists, archaeologists, geologists and ethnologists, as well as being of interest to the general public. The collections are being continually augmented by specimens gathered by expeditions sent out not only to explore ruins in Colorado and other states but to gather specimens in foreign countries.

One of the largest museums in the state is the Colorado Museum of Natural History, owned by the city of Denver and located in one of its parks.

The buildings were constructed at a cost of $270,917, part of which was provided by the municipality and part by private donations. The cost of exhibits, cases, library and furniture was $519,008, but this figure by no means represents the value of the exhibits, many of which are rare and which would be difficult, if not impossible, to replace. The nucleus for the museum was a collection of Colorado mammals and birds made by Edwin Carter, who came to the state in 1870 for his health and lived at Breckenridge. Contracts for part of the building were made on November 8, 1901. The east extension was completed in June, 1903, the main building was finished in July, 1908, and the south, or James wing, was completed in 1929.

The museum has been visited by 4,368,685 persons from 1912 to 1933, inclusive. The annual number of visitors in recent years is as follows:

1928	246,698
1929	199,255
1930	222,525
1931	218,910
1932	193,735
1933	207,505

The state museum is located just south of the capitol in Denver and is housed in a building constructed by the state of Colorado at a cost of $500,000. It is conducted by the State Historical and Natural History society and comprises two departments, the department of history and the department of archaeology and ethnology. The museum contains many relics of early life in Colorado, specimens from the ruins of cliffdwellers and other ancient races that once inhabited this territory, and many valuable documents and records of great historical value. Membership in the society is confined to citizens of Colorado. Additions to its ethnological exhibits are made at frequent intervals by expeditions sent out to explore ruins of the earlier inhabitants. Further information concerning this exploration work is given elsewhere in this volume under the heading, "Archaeological."

The Denver Art museum is located in the new Denver municipal building and, as its name indicates, is devoted to the furthering of the arts. It is supported in part by the city and in part by private subscriptions through its membership. It has on exhibition the largest and most valuable art collection in the state and is open to the public. Chappell house, which sends out travelling exhibits and supplements the work of the museum, is conducted as a part of the organization. The last named maintains an excellent exhibit of Indian art.

The Cody Memorial Museum is located on Lookout mountain near Golden, in Denver's mountain park system, and contains relics of Col. W. F. ("Buffalo Bill") Cody, a noted scout, whose grave adjoins the site of the museum.

The Mesa Verde Park museum is located in the Mesa Verde national park, in Montezuma county, in the southwestern part of the state, and houses relics of the cliffdwellers, being entirely an archaeological collection gathered in the ruins in the park. It is owned by the government and conducted by the park officials. This collection was made possible by the contributions of friends of the park. The museum now contains the largest and most comprehensive exhibit of the archaeology of the park that is available for public inspection anywhere. A noteworthy addition to the museum was made in 1930. Through the cooperation of Charles L. Bernheimer, of New York City, Dr. Clark Wissler, of the American museum of natural history, and Earl H. Morris, of the Carnegie institute of Washington, the American museum of natural history made a permanent loan of the basket maker material collected during the field season of 1929 in southeastern Utah by the seventh Bernheimer expedition.

Another important acquisition was made in 1934 through the presentation of the Nordenskjold collection to the museum by the Swedish government. This collection consists of specimens obtained by Explorer Nordenskjold in the region before congress created the park as a national reserve.

The Canon City museum, located in Canon City, is owned by the city and contains natural history exhibits.

There are also museums connected with the State Teachers college at Greeley, the University of Colorado at Boulder, Colorado college at Colorado Springs, and the State Agricultural college at Fort Collins. The University of Colorado museum has a very large collection of prehistoric pottery, etc., from southwestern United States; about 300,000 fossils representing all geological periods from Cambrian to Pleistocene; more than 300,000 mollusks, of thousands of species; 3,200 birds and mammals; thousands of fishes, reptiles, amphibians, starfishes, sea-urchins, sponges, brachiopods, insects, etc., a mineral collection, and an extensive herbarium.

The city and county of Denver owns and maintains in its City park the largest and most important zoo in the state, or in the Rocky Mountain region. It was established in 1896 when a cub bear named "Billy Bryan" was presented to the mayor. A den was built for the bear in the park and from this beginning there grew a zoological garden which contains 1,285 specimens of animals and birds. These included 40 species of mammals, two of reptiles and 148 of birds.

COLORADO'S TOTAL WEALTH

The bureau of the census of the department of commerce undertakes at certain periods to estimate the wealth of the nation and of the states. The term "wealth" used in making these estimates applies to tangible property, regardless of whether it is in the physical possession or control of its owner.

The National Industrial Conference Board, Inc., which is affiliated with numerous industrial organizations and which co-operates with the bureau of the census, compiles estimates of total wealth for years in which no census is taken. The total wealth of Colorado, by years, as estimated by these agencies, is as follows:

1890 (Census)	$1,145,712,000
1900 (Census)	938,171,000
1904 (Census)	1,207,542,000
1912 (Census)	2,315,310,000
1920 (N. I. C. B.)	5,182,000,000
1921 (N. I. C. B.)	3,269,000,000
1922 (Census)	3,229,412,000
1925 (N. I. C. B.)	3,521,000,000
1926 (N. I. C. B.)	3,478,000,000
1927 (N. I. C. B.)	3,405,000,000
1928 (N. I. C. B.)	3,505,000,000
1929 (N. I. C. B.)	3,516,000,000
1930 (N. I. C. B.)	3,286,000,000

No estimates have been compiled since 1930.

The per capita wealth of Colorado, for the years named, is estimated as follows:

1890 (Census)	$2,780
1900 (Census)	1,738
1904 (Census)	2,046
1912 (Census)	2,702
1922 (Census)	3,285
1928 (N. I. C. B.)	3,216
1929 (N. I. C. B.)	3,418
1930 (N. I. C. B.)	3,165

Colorado ranked 29th among the states of the Union in 1922, according to the census bureau's figures, and the state had a fraction more than one per cent of the country's total wealth.

A table is published herewith showing the estimated value of all property in Colorado in 1922, 1912, 1904 and 1900, as reported by the census.

ESTIMATED VALUE OF ALL PROPERTY IN COLORADO, BY YEARS
(Compiled from Census Reports)

	1922	1912	1904	1900
Taxed real property..	$1,388,818,000	$1,123,067,000	$ 530,893,000	$ 402,784,000
Exempt property ...	369,628,000	100,445,000	106,770,000	102,909,000
Livestock	100,664,000	88,059,000	57,363,000	52,019,000
Farm implements and machinery	35,059,000	14,401,000	5,353,000	4,747,000
Manufacturing machinery, tools and implements	86,808,000	91,354,000	44,521,000	21,495,000
Railroads and their equipment	364,963,000	297,625,000	198,261,000	146,784,000
All other*.....	883,472,000	600,359,000	264,381,000	207,433,000
Total, all wealth..	$3,229,412,000	$2,315,310,000	$1,207,542,000	$ 938,171,000

*All other includes motor vehicles, street railways, water works, agricultural products, manufactured products, imported merchandise, mining products, clothing, personal adornments, furniture, etc.

ARCHAEOLOGICAL

Certain areas of Colorado, principally the southwestern part of the state, are known to contain many ruins of ancient races, rich in relics showing the customs and manners of people who lived from one to three thousand years ago. The most important and best known of these areas is the Mesa Verde national park in Montezuma county, where many hundreds of ruins of cliff dwellings, temples and other structures have been uncovered and many others are known to exist. It is estimated that the Mesa Verde area once had a population of at least 70,000 people.

Prior to the passage of an act by congress in 1906 creating the Mesa Verde national park, some of the most valuable relics in the park were recovered by European explorers. One of the most important collections assembled was that of the Swedish explorer Nordenskjold, which was sold to the Swedish government and placed on exhibition at Helsingfors, Finland. In 1934 this collection was acquired with public works funds and returned to the museum in the park.

The Colorado state historical society did considerable exploration work in 1928 under a permit from the government on an area in Montezuma county, 32 miles northwest of Cortez, for the purpose of obtaining specimens for the state museum. In this area have been found ruins of a city of a very early type, one of the distinguishing features of which is the remains of many secret underground passages connecting numerous towers and ceremonial chambers. This city, unlike the cliff dwellings, is on an open mesa.

In 1931 the society made an archaeological survey of the Paradox valley in Montrose county and found ruins of Pueblos similar to those further to the south, but no discoveries of outstanding importance resulted. Excavations made in 1925 by the society on Chimney Rock mesa, 22 miles west of Pagosa Springs, revealed some valuable discoveries. The area is one by one and one-fourth miles in size. Numerous ruins were discovered, including one chamber 209.7 feet long and more than 80 feet wide. They were inhabited in the period of the post-basket makers culture, dating back approximately 3,000 years. Among the discoveries were two human skulls, one of the roundhead and the other the longhead type.

The University of Colorado was engaged in 1925 in excavating and removing specimens from ruins in the region south of the Mesa Verde national park for its museum, under a government permit. A permit was granted the same university in 1929 to conduct a reconnaissance in parts of La Plata county during that year. There are several operations of like nature on patented land owned by private parties, where specimens are being obtained for museums. Congress passed a law in 1906 for the preservation of American antiquities, which provides that permits must be obtained before excavations can be made on government land. The government also retained title to all ruins on government land which has gone to patent since that date. Specimens can

be obtained only for reputable museums, universities, colleges and scientific societies under these permits.

Additional information concerning the Mesa Verde and other ruins may be found in the chapters on "National Parks and Monuments" and "Museums in Colorado" in this volume.

EARTHQUAKES

One of the two seismic stations in the Jesuit Seismological association for the observance of earthquakes and gathering data for seismic research is located at Regis college in Denver. It was established in 1909, and since then the instrument has never ceased recording the vibrations of the earth. A. W. Forstall, S. J., a member of the Seismological Society of America, which has its seat at Leland Stanford university, is director of the Regis college station. The instrument belongs to the class of medium period for general observations and was invented by the well-known seismologist Dr. Wiechert, of Gottingen, Germany, and was constructed by the firm of Spindler and Hoyer, of the same town.

The seismograph and the clocks by which it is regulated are mounted on a masonry pier that rests upon the solid earth to eliminate all disturbances originating in the building, for the slightest vibration of the floor would be recorded by the pens. It is protected from drafts by a large glass case and means have been provided for making certain adjustments without opening this case. The earthquake vibrations are registered by two delicate pens writing on smoked paper. The minutes of time as well as the hours are automatically marked off on the blank by electric connections with the clocks. The United States weather bureau and the United States coast and geodetic survey cooperate with the association through the publication of its reports. The stations of the association also exchange telegrams immediately after large quakes have been registered in order to locate their epicenters as early as possible for the benefit of the other stations, the people and the press.

The three-fold program of the association for the past 25 years has been: To collect data of seismic value by securing daily blanks; each station to analyze and interpret its observations and publish them, as well as to keep them at the disposal of all the stations of the world; and by means of these data collected from its own and other observatories, to endeavor to solve the intricate problems relating to the nature of seismic waves, their speed, their reflection, their refraction, and by means of this knowledge to arrive at a true concept of the interior conditions of the earth and its geology.

The location of the station at Denver was made without reference to seismic conditions in Colorado. The director, judging from the past history of the state and observations for the last 24 years, expresses the opinion that Colorado is not a seismic region. Since the installation of the observatory, the instrument has never recorded a single quake whose epicenter was located in the state.

HOTELS IN COLORADO

There were 354 hotels operating in Colorado in 1929 as reported by the bureau of the census. Of these 37 were owned by corporations and 317 by individuals and partnerships. The distribution as to plan of operation is as follows:

European plan	313
American plan	20
Mixed plan	21
Total	354

The total number of guest rooms reported by the 354 establishments was 20,651, distributed as follows:

European plan	17,769
American plan	1,242
Mixed plan	1,640
Total	20,651

The 354 establishments had a seating capacity at one time in their dining rooms for 7,867 persons, distributed as follows:

European plan	3,352
American plan	2,119
Mixed plan	2,396
Total	7,867

The average number of employes was 3,389, of whom 1,827 were male and 1,562 were female. Salaries and wages aggregated $2,555,000. Total receipts from all sources were $10,689,000, distributed as follows:

Rooms	$5,619,000
Meals	1,655,000
Rooms and meals	2,478,000
Other sources	937,000
Total	$10,689,000

There were 437 proprietors and firm members engaged in the business, of whom 237 were males and 200 females.

HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS, 1933

Location and Name	Capacity	Owned and Operated by
Boulder:		
Boulder-Colorado sanitarium	113	Seventh Day Adventists
Community hospital	41	Independent—Board of Directors
Colorado Springs:		
Beth-El General hospital	104	Methodist Episcopal Church
Cragmor Sanatorium	127	Private—Owners
Glockner Sanatorium and hospital	210	Sisters of Charity
National Methodist Episcopal Sanatorium for Tuberculosis	55	Methodist Episcopal Church
St. Francis hospital	158	Sisters of St. Francis
Denver:		
Beth Israel hospital	55	Independent—Board of Directors
Children's hospital	165	Independent—Board of Directors
Denver General hospital	515	City and county—health department
*Fitzsimons General hospital	1,848	Government—Army
Mercy hospital	231	Sisters of Mercy
Mt. Airy sanitarium	45	Private—Owners
National Jewish hospital	300	Independent—Board of Managers
Porter Sanitarium and hospital	69	Seventh Day Adventists
Presbyterian hospital	178	Presbyterian Church
St. Anthony's hospital	215	Sisters of St. Francis
St. Joseph's hospital	225	Sisters of Charity
St. Luke's hospital	255	Episcopal Church
Sanatorium of the Jewish Consumptives' Relief Society	300	Jewish Relief Society
University of Colorado (Colorado General and Colorado Psychopathic hospitals)	260	University—Board of Regents
Durango:		
Mercy hospital	42	Sisters of Mercy
Englewood:		
Swedish National Sanatorium for tuberculosis	97	Independent—Board of Trustees
Fort Lyon.		
Veterans' Administration hospital	500	Government—Veterans' Administration
Grand Junction:		
St. Mary's hospital	40	Sisters of Charity
Greeley:		
Greeley hospital	130	County—Board of Commissioners
La Junta:		
Atchison, Topeka & Santa Fe Railroad hospital	36	Railway Hospital Association
Mennonite hospital and sanitarium	80	Board of Missions and Charities
Longmont:		
Longmont hospital	42	Private—Board of Trustees
Pueblo:		
Corwin Hospital of the Colorado Fuel & Iron Co.	235	Industrial corporation
Parkview hospital	94	Private—Board of Directors
St. Mary's hospital	145	Sisters of Charity
Woodcroft hospital	125	Private—Clinic
Salida:		
Denver & Rio Grande Western Hospital Association's hospital	55	Railway Employes' Association
Red Cross hospital	39	Private—Board of Directors
Sterling:		
St. Benedict hospital	37	Sisters of St. Benedict
Trinidad:		
Mt. San Rafael hospital	87	Sisters of Charity
Woodmen:		
Modern Woodmen of America sanatorium	250	Fraternal—Woodmen of America

*Approved in 1932, but not included in 1933 due to orders to closed hospital, which were subsequently cancelled.

COLORADO HOSPITALS

Colorado is well supplied with hospitals and sanitariums which rank among the best in the country in equipment and quality of service rendered the public. The American College of Surgeons, an international organization covering the United States and Canada, conducts an annual survey of hospitals in Colorado in its standardization movement. This movement provides for the establishment of minimum requirements for the proper conduct of hospitals as to the competency and character of physicians and surgeons upon hospital staffs, adequate equipment, maintenance of proper records, prohibition of fee-splitting, etc., before a hospital is given full approval. The survey for 1933 lists 38 hospitals in the state, of which 32 are fuliy approved and six are conditionally approved. The conditionally approved are those which have accepted the minimum standards required but which for lack of ample time or other acceptable reasons have not completed the adoption of these requirements in detail.

The 38 hospitals approved in 1933 had a capacity of 7,503, including cribs and bassinettes for the new-born. This compares with 7,326 beds in 1932, 7,318 in 1931, 7,025 in 1930, 6,781 in 1929 and 6,624 in 1928. The organization's staff reported upon 40 hospitals in the state in 1929, of which 32 were approved as of October 1, 1929. Eighty per cent of the hospitals reported upon were approved, which compares with 68.6 per cent for the United States, including the Canal Zone, Hawaii and Porto Rico. Eleven states only showed a larger per cent of approved hospitals than Colorado. The largest hospital in the country operated by the United States army, navy or public health service is located near Denver and is known as the Fitzsimons general hospital. Descriptions of this hospital and the Veterans' Administration hospitals are given elsewhere in separate chapters.

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.

A table on page 458 gives the locations, names, capacity and management of hospitals in the state approved by the college of surgeons.

BUILDING PERMITS

The value of buildings constructed, or remodelled, in 19 cities and towns of the state in 1933, for which permits were issued was $2,782,412. The following table shows the amounts by years and the number of towns and cities reporting:

Year	No. Reporting	Value
1924	20	$33,157,975
1925	20	32,618.354
1926	17	19,325,549
1927	19	20,624,702
1928	19	21,234,508
1929	20	21,575,638
1930	20	11,707,791
1931	19	9,127,502
1932	20	4,363,398
1933	19	2,782,412

An accompanying table shows the value of permits by cities and towns and by years.

VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

TOWN	1933	1932	1931	1930	1929
Boulder	$ 205,760	$ 129,350	$ 136,135	$ 271,684	$ 216,510
Colorado Springs	132,505	256,373	387,963	926,322	1,030,026
Denver	2,166,491	3,214,362	7,127,400	8,007,100	16,633,300
Durango	11,773	17,720	72,756	139,718	162,352
Eads	.....	22,400	.....	14,600	15,000
Eaton	2,400	6,900	1,450	3,050	12,900
Englewood	11,744	12,000	70,640	189,670	148,097
Fort Collins	33,509	64,728	182,810	256,297	276,578
Fort Morgan	16,391	17,140	82,315	102,973	199,965
Grand Junction	15,153	51,009	146,928	127,575	316,938
Greeley	59,806	139,616	164,155	295,360	453.527
Lafayette	9,562	12,140	16,170	8,800	1,500
La Junta	9,000	60,000	8,000	60,000	1,040
Littleton	9,650	4,270	26,000	21,710	30,000
Longmont	5,815	36,683	48,610	104,730	127,515
Manitou	6,725	6,092	37,291	28,052	25,295
Platteville	375	4,500	7,500	1,050	23,869
Pueblo	73,319	129,243	453,423	537,205	1,572,521
Sterling	6,434	28,872	56,956	439,645	123,705
Trinidad	6,000	150,000	101,000	172,250	205,000
Totals	$2,782,412	$4,363,398	$9,127,502	$11,707,791	$21,575,638

COLORADO PRODUCTION OF ELECTRICITY FOR PUBLIC USE
(Compiled by Division of Power Resources, U. S. Geological Survey)

	1933	1932	1931	1930	1929
Production (kilowatt-hours):					
Water power	184,508,000	186,100,000	189,706,000	235,843,000	230,423,000
Fuel power	274,985,000	292,163,000	339,111,000	337,498,000	333,390,000
Total power	459,493,000	478,263,000	528,817,000	573,341,000	563,813,000
Consumption of fuel:					
Coal (short tons)	306,395	324,769	399,602	419,295	420,093
Oil (barrels)	26,367	24,486	16,076	8,574	6,328
Natural gas (cu. ft.)	419,819,000	421,647,000	149,759,000	.....	.....
Number companies operating January 1	26	28	29	31	29
Number plants operated January 1	67	67	67	64	61
Generator capacity (kilowatt hours)	236,025	328,175	228,643	224,516	222,127

Note.—Additional information on this subject will be found in chapter "Water Power Resources."

EXPORTS FROM COLORADO

Denver is the port of entry for District 47 of the United States customs service through which imports from and exports to foreign countries may be made. The district comprises Colorado. Exports to foreign countries through the port of Denver range in value annually from a peak of $4,001,887 in 1929 to a low for recent years of $1,022,732 in 1932. These figures, however, do not represent the entire volume of exports from Colorado. Surveys made in 1929, 1930 and 1931 by the Denver office of the bureau of foreign and domestic commerce in co-operation with local exporters show a much larger volume of exports from Colorado.

Statistics on exports through the port of Denver are based upon original figures given by shippers in the United States official export declaration. This source takes care of only those shipments which are forwarded on through export bills of lading and does not provide a completely accurate index of the exact volume of export shipments from the state. Firms located in the interior states such as Colorado often sell their products to or through export commission houses, export sales agents and foreign purchasing agents, usually located at seaboard points. These business houses located on the coast file their own shippers' export declaration, failing to note the actual point of origin of the merchandise. This procedure makes it necessary for customs officials to credit customs districts where such shipments leave the country, therefore direct shipments from Colorado on through bills of lading are practically the only ones credited to the state.

The value of exports shipped from Colorado on through bills of lading for which the state is given credit in this manner are, by years, as follows:

1927	$3,394,095
1928	3,419,934
1929	4,001,887
1930	3,238,588
1931	2,012,659
1932	1,022,732

The compilation of statistics covering exports by states from which shipped was discontinnued in 1933 by the division of foreign trade statistics.

The second source of statistics, those compiled by the Denver office of the bureau of domestic and foreign commerce in co-operation with local exporters, which comprise exports made from Colorado regardless of whether they are shipped on through bills of lading or in connection with agencies located at the seaboard, are more representative of export activities of Colorado firms.

This co-operative survey was made for the years 1929, 1930 and 1931. It was omitted in 1932 and subsequent years. The value of exports for these years as shown by this survey are as follows:

1929	$4,600,984
1930	5,140,046
1931	2,841,000

The bulk of the Colorado exports consists of mining equipment. The depression has especially affected the world's mineral industry and this has accounted for the temporary falling off of the volume of exports from this state. However, it is expected that with the revival of world business and

especially renewed activity in the mineral industry, the exports from Colorado will again resume their upward march.

Canada and Mexico for a number of years have been the best customers of Colorado exporters. However, Colorado exports go to practically every country of the world; one firm ships to 102 political divisions.

Colorado exported mining and quarrying machinery in 1932 valued at $462,383 compared with $781,838 in the preceding year.

Exports of iron and steel and manufactures in 1932 were valued at $18,334 compared with $57,959 in 1931. Exports of other metals and manufactures last year were valued at $133,589 compared with $45,697 in 1931.

DENVER'S MOUNTAIN PARKS

Located in Jefferson, Clear Creek, Arapahoe, Douglas, Gilpin and Boulder counties, to the northwest, west and south of Denver, is a series of mountain parks, all of which are connected by highways, which comprise what is known as the Denver mountain park system. These parks are owned by the municipality of Denver and were acquired, improved and opened to the public for the purpose of making the mountains available for the people. In undertaking the project, there were no precedents to follow. The idea was unique, never before considered by any municipality and no other American city has since undertaken a project that is similar.

The system comprises a chain or series of parks in the mountains forming somewhat of a semi-circle and extending as far west as Echo lake and the summit of Mt. Evans, the latter at an altitude of 14,262 feet above sea level, and including Lookout mountain, Bergen park, Genesee park, the Garden of the Red Rocks and other areas offering unique and attractive scenic advantages. All of the parks are connected with well-built highways and these highways tie into others radiating from Denver to the west and south. In the mountain parks are several lakes. Mountain lodges have been built at most attractive locations, shelter houses erected, water systems installed, fireplaces for outdoor cooking constructed and many other improvements made for the comfort and convenience of the people. The federal government, especially the forest service, the state government and the city of Denver participated in the construction of the highway to the summit of Mount Evans. Counties in which the parks and highways are located also have contributed to the construction and maintenance of the roads.

While the establishment of this park system had been discussed as early as about 1901, the actual movement towards that end began in 1911, when committees of the civic and commercial organizations of Denver engaged in developing the idea were combined into a single general committee. In May, 1912, at a municipal election, the charter of Denver was amended so as to permit the city to acquire, own and operate properties outside of the municipality's corporate limits. The following year the legislature passed an act granting Denver eminent domain and police powers in respect to the mountain parks. The land for the park was acquired by purchase, by donations from the federal government and as gifts from individuals. A project so unique and so extensive aroused considerable opposition and the right of the municipality to levy taxes for undertakings outside of the city was taken into court, with the result that not only did the supreme court uphold this right, but held the amendment to the city charter to be constitutional and valid. The first work undertaken was the construction of a highway from Golden to the summit of Lookout mountain, which was begun in 1913. Improvements in the parks and the acquisition of additional holdings have since continued progressively as they were needed.

The area owned by the city on June 1, 1927, was 10,295 acres, of which 4,419 acres was acquired prior to 1923. Between that year and 1927, 1,311 acres was secured through patents to parks, 4,352 acres by patents to tracts and 214 acres by deeds to parks.

Land acquired subsequent to that date, including the Park of the Red Rocks, above Morrison, brings the total acreage owned by the city up to 11,155 acres as of January 1, 1933.

From 1912 to 1933, inclusive, the City and County of Denver has expended on the mountain parks an aggregate of $2,405,237.62. These expenditures by years are as follows:

1912	$ 3,864.67
1913	59,443.97
1914	87,465.15
1915	129,282.57
1916	48,093.90
1917	73,757.19
1918	72,103.05
1919	51,128.37
1920	96,623.70
1921	99,633.26
1922	151,748.26
1923	74,424.74
1924	135,711.90
1925	112,176.95
1926	98,972.24
1927	259,132.96
1928	174,712.02
1929	166,878.46
1930	165,332.21
1931	168,337.67
1932	101,029.63
1933	75,384.75
Total	$2,405,237.62

MEXICAN LAND GRANTS

Maps of Colorado generally show large areas of land along the southern boundary which are designated as land grants. These are referred to popularly as "Spanish land grants," but more correctly they are known as Mexican land grants, since they were made subsequent to the proclaiming in 1810 of Mexico's independence of Spain. Most of these grants, in which the titles originate in the government of Mexico, were bestowed in the early 40s, but successful occupation of the tracts was not accomplished for a number of years. Following the signing of the Treaty of Guadalupe Hildalgo in 1848, which guaranteed to the Mexicans their private property rights, the United States set up the machinery necessary to ascertain the origin, nature and extent of the claims to the land under the laws, usages and customs of Spain and Mexico, and such claims as were found to be valid were confirmed by congress. In the years following the confirmation of titles down to the present the land embraced in the grants has been extensively developed and within the areas are cities and towns, agricultural communities, valuable coal and mineral properties and other evidences of substantial growth.

One of the largest of the grants in Colorado and New Mexico is known as the Beaubien and Miranda, or Maxwell land grant, which embraces more than one million acres of land, of which approximately 380,000 acres is in Colorado. The Colorado part of the grant is in the southern and southwestern parts of Las Animas county. The grant was confirmed by congress in 1860.

The Sangre de Cristo grant, the largest of the group and including more than a million acres, embraces the greater part of the valleys of the Costilla, Culebra and Trinchera rivers in the San Luis valley and extends from the Rio Grande river to the summit of the Sangre de Cristo range. It is principally in Costilla county.

The Nolan grant, located along the St. Charles river, in Pueblo county, to the south and southwest of Pueblo, was confirmed in 1870 as to 48,695 acres.

The Vigil and St. Vrain grant is in the valleys of the Huerfano, Apishapa and Cucharas rivers, lies to the north of the Maxwell grant and southeast of the Nolan grant and originally embraced more than 4,000,000 acres, but was reduced by congress to 97,390 acres.

The Conejos grant, involving a large tract in Conejos county, was never confirmed and most of the land was taken up under the United States homestead laws, in many instances by original grantees.

The Tierra Amarilla grant is mostly in New Mexico, with only a small part of it extending up into Archuleta county.

TRAVELING DISTANCES

The following gives the distance in statute miles by the shortest direct routes from Denver to the cities named as reported by the war department's official table of distances:

City	Miles
Baltimore	1,831
Bismarck	1,115
Boston	2,067
Charleston, S. C.	1,838
Chicago	1,034
Cincinnati	1,257
Cleveland	1,391
Galveston	1,146
Indianapolis	1,159
Kansas City	636
Los Angeles	1,422
Minneapolis	919
New Orleans	1,349
New York	1,943
Philadelphia	1,851
Portland, Me.	2,176
Portland, Ore.	1,376
Richmond, Va.	1,836
St. Louis	918
San Francisco	1,374
Seattle	1,559
Washington, D. C.	1,810

MARRIAGES AND DIVORCES IN COLORADO BY YEARS
(Compiled from Census Reports)

	Marriages		Divorces	
	United States	Colorado	United States	Colorado
Number reported:				
1916	1,040,684	9,071	112,036	1,061
1922	1,134,151	11,456	148,815	2,075
1923	1,229,784	12,077	165,096	2,278
1924	1,184,574	11,972	170,952	2,118
1925	1,188,334	11,602	175,449	2,243
1926	1,202,574	11,957	180,853	2,288
1927	1,201,053	11,969	192,037	2,370
1928	1,182,497	12,065	195,939	2,362
1929	1,232,559	13,047	201,468	2,392
1930	1,126,856	11,733	191,591	2,245
1931	1,060,914	9,952	183,664	2,209
1932	981,903	6,614	160,338	2,105
Increase (number):				
1922 over 1916	52,789	2,287	34,980	1,005
1923 over 1922	95,633	621	16,281	203
1924 over 1923	-45,210	-105	5,856	-160
1925 over 1924	3,760	-370	4,497	125
1926 over 1925	14,240	355	5,404	45
1927 over 1926	-1,521	12	11,184	92
1928 over 1927	-18,556	96	3,902	-8
1929 over 1928	50,062	982	5,529	30
1930 over 1929	-104,279	-1,314	-9,877	-147
1931 over 1930	-65,942	-1,781	-7,927	-36
1932 over 1931	-79,011	-3,338	-23,326	-104
Per cent increase:				
1922 over 1916	5.1	25.2	31.2	94.7
1923 over 1922	8.4	5.4	10.9	12.2
1924 over 1923	-3.7	-0.9	3.6	-7.0
1925 over 1924	0.3	-3.1	2.6	5.9
1926 over 1925	1.2	3.1	3.1	2.0
1927 over 1926	-0.1	0.1	6.2	3.6
1928 over 1927	-1.5	0.8	2.0	-0.3
1929 over 1928	4.2	8.1	2.8	1.3
1930 over 1929	-8.5	-10.1	-4.9	-6.1
1931 over 1930	-5.9	-15.2	-4.1	-1.6
1932 over 1931	-7.4	-33.5	-12.7	-4.7
Number per 1,000 population:				
1916	10.68	....	1.13	1.22
1922	10.32	11.65	1.35	2.11
1923	11.03	12.06	1.48	2.28
1924	10.46	11.70	1.51	2.07
1925	10.35	11.70	1.53	2.26
1926	10.32	11.95	1.55	2.29
1927	10.16	11.85	1.62	2.35
1928	9.87	11.84	1.63	2.32
1929	10.14	12.68	1.66	2.33
1930	9.16	11.30	1.56	2.16
1931	8.55	9.54	1.48	2.12
1932	7.87	6.32	1.28	2.01

Minus sign denotes decrease.

Note—Rates of marriages and divorces for recent years have been revised to conform to the 1930 census.

STATE CAPITOL BUILDING

The Colorado state capitol building is located on an elevated site bounded by Lincoln and Grant streets and Colfax and East Fourteenth avenues in the city of Denver, with the main entrance facing due west. It stands at an altitude of exactly one mile above sea level. The structure, from the standpoint of its location, its architectural beauty and imposing appearance, is one of the outstanding state capitol buildings of the country. The grounds in front of the building include the entire block between Lincoln street and Broadway and face the Denver civic center. The main range of the Rocky mountains for a distance of 150 miles north and south is visible from the capitol entrance.

The building is of the Corinthian order of architecture, and E. E. Myers was the architect. The cornerstone was laid on July 4, 1890, by the Masonic lodge and the building was first occupied in 1895 and was completed in 1896. The site, consisting of 10 acres, was donated to the state by Henry

C. Brown and the block fronting on Broadway was purchased for $100,000. The cost of the building was $2,800,000 and replacement value at this time is estimated at $8,000,000. It is constructed of gray granite, cut on straight lines except for the massive pillars above the entrances. The interior is finished principally in onyx with lacquered brass cappings and corner trimmings. The dome is plated with pure leaf gold which cost $14,680, and seven and one-half tons of lead was used in placing same. The structure is shaped similar to a Greek cross, with entrances on Colfax avenue, Grant street and East Fourteenth avenue, with the main entrance on the Lincoln street side. In its construction 230,000 cubic feet of granite was used.

The dimensions of the building are as follows:

Length	383 feet 11 inches
Width	313 feet
Height of dome	272 feet 2 inches
Length of corridors east and west	199 feet
Diameter of circular corridor beneath dome	42 feet
Number of rooms	160

The cornerstone contains a copy of the Bible, an American flag, constitutions of Colorado and the United States, the Declaration of Independence, census reports, numerous documents and public addresses of officials, a number of souvenirs, copies of the newspapers of that day and gold and silver coins of all denominations.

In 1915 a quarter-block south of the capitol and across East Fourteenth avenue was purchased and the state museum building was constructed upon it at a cost of $480,000. The structure was built of granite and marble, and houses a museum of archaeological and mineral exhibits and relics of wars.

In 1919 a quarter-block north of the capitol and across Colfax avenue was purchased, and upon the site was constructed the state office building, four stories high and built of granite and marble at a cost of $1,475,000. It was occupied in 1921. In it are located numerous boards and departments of the state government.

HOME RULE CITIES

An amendment to the Colorado constitution, known as Article XX, vesting the people of each city or town in the state of 2,000 or more population with the power (which they shall always have) to make, amend, add to or replace the charter of said city or town, which shall be its organic law and extend to all its local and municipal matters, was adopted on November 11, 1902. This became known as the "home rule" amendment. It provides that "such charter and the ordinances made pursuant thereto in such matters shall supersede within the territorial limits and other jurisdiction of said city or town any law of the state in conflict therewith." The procedure by which a city or town may come under the amendment is for the qualified electors of a city or town to vote upon the question and, if approved, file with the secretary of state a certified copy of a charter framed and approved in reasonable conformity with the provisions of the act.

Cities and towns which have elected to come under the provisions of the amendment, known as home-rule cities, and the form of government provided by their charters, are as follows:

City	Form of Gov't
Denver	*Mayor-manager
Pueblo	Commission
Colorado Springs	City manager
Grand Junction	City manager
Fort Collins	Commission
Fort Morgan	City manager
Boulder	City manager
Delta	Commission
Montrose	City manager
Durango	City manager
Monte Vista	City manager

*The mayor, elected by the people, is in realty, the city manager and in fact has more power than any city manager.

FOREST PRODUCTS CUT ON FARMS

Forest products to the value of $524,553 were cut on the farms of Colorado for home use and (or) for sale in 1929. This total does not include forest products cut on land not in farms. The distribution is as follows:

Saw logs and veneer logs:	
Farms reporting	140
M board feet	5,004
Value	$ 38,265
Firewood:	
Farms reporting	3,849
Cords	54,523
Value	$321,601
Fence posts:	
Farms reporting	1,405
Number	407,828
Value	$ 66,566
Railroad ties:	
Farms reporting	102
Number	70,598
Value	$ 46,206
Poles and piling:	
Farms reporting	222
Number	50,920
Value	$ 51,915
Total value	$524,553

SPEED OF RAILWAY TRAINS

Note.—This table shows the average net speed in miles per hour made by regularly scheduled passenger trains between the points designated. Actual speed exceeds the average since the latter includes time lost in stopping at stations and from other causes. Average speed on long runs also varies according to track and grade conditions. For example, one of the trains listed makes an average of 34.14 miles per hour for 41 hours and 35 minutes, but on a certain division of the run, where the terrain is level and the track is free from curves, the regular schedule calls for an average of 42.6 miles per hour while on a mountainous district, the schedule is reduced to 30 miles per hour. Most of the railroads in this district set a limit of 70 miles per hour above which no engineer is permitted to go. This maximum often is closely pressed in making up time. The highest average net speed reported for a short run is 58.4 miles per hour made on the regular schedule of the Seashore Flyer, between Camden and Atlantic City, N. J., a distance of 55.5 miles. The Empire State Express, between New York and Chicago, averages 51.28 miles per hour. The record speed in Colorado officially reported occurred in March, 1902, on the Burlington railroad between Eckley and Wray, a distance of 14.8 miles, which was at the rate of 98.7 miles per hour. It was a special train carrying a Colorado banker en route to New York. Thomas J. Cushing, of Denver, was the engineer. On May 26, 1934, the Burlington's new type train, the "Zephyr" made a non-stop run of 1,015.4 miles from Denver to Chicago in 13 hours and 5 minutes, an average speed of 77.58 miles an hour. A top speed of 112.5 miles an hour was made between Yuma and Schramm, Colorado.

ROAD	Train	From	To	Distance (Miles)	Time		Net Speed Miles Per Hour
					Hr.	Min.	
Burlington (C. B. & Q.)	Aristocrat	Denver	Chicago	1,034	26	15	39.48
Union Pacific	Pacific Coast Limited	Denver	St. Louis	918	23	..	39.90
Union Pacific	Pony Express	Denver	Cheyenne	106	2	50	37.44
Colorado & Southern	Texas Fast Mail	Denver	Pueblo	118.5	3	10	37.44
D. & R. G. W.	Scenic Limited	Denver	Salt Lake City	745	24	5	30.96
Santa Fe (A. T. & S. F.)	California Limited	Denver	Los Angeles	1,120	41	35	34.14
Union Pacific	Overland Limited	Denver	San Francisco	1,371	39	30	34.74
Union Pacific	Pacific Limited	Denver	Los Angeles	1,409	38	50	37.92
Union Pacific	Columbine	Denver	Omaha	560	13	30	41.46
Colorado & Southern	Texas Fast Mail	Denver	Fort Worth	835.1	23	30	35.52
C. & S.-Burlington	No. 29	Denver	Casper	341.3	23	40	14.40

CONSTRUCTION BUSINESS IN COLORADO DURING 1929, BY PRINCIPAL COUNTIES

(Compiled from Census Reports)

Note.—This table comprises data of establishments with headquarters in the state which did a business during 1929 amounting to $25,000, or more, and does not include construction in the state by establishments having headquarters elsewhere. See text for explanation of items.

(Value expressed in thousands)

COUNTY	Number of Establishments	Value of Construction Business			Principal Expenditures		
		Under General Contract or Directly for Owners	Under Subcontract	Total	Subcontract Work Let	Wages Paid	Cost of Materials
Boulder	8	$ 2,352	$ 35	$ 2,387	$ 160	$ 406	$ 1,353
Denver	131	13,729	5,295	19,024	3,942	4,459	6,593
El Paso	18	1,464	249	1,713	283	393	646
Larimer	4	184	....	184	35	37	69
Las Animas	4	305	1	306	34	90	76
Mesa	3	322	25	347	5	120	87
Pueblo	22	2,466	191	2,657	370	613	714
Weld	8	331	116	447	72	97	177
Other counties*	13	945	6	951	75	225	294
Total, state	211	$22,098	$ 5,918	$28,016	$ 4,976	$ 6,440	$10,009

*Includes Dolores, Garfield, Jefferson, La Plata, Logan, Montrose, Otero and Prowers, for which data can not be shown without revealing individual operations. For areas other than those mentioned, no reports were received from establishments which handled as much as $25,000 business during 1929.

CONSTRUCTION INDUSTRY

The 1930 census included for the first time a census of the construction industry and covered operations during 1929. Prior to this census the data on construction were gathered principally by private agencies and the government from building permits issued and contracts awarded. Elsewhere in this volume will be found statistics on building permits issued in the principal cities of the state by years.

The census shows 211 establishments, including general contractors, subcontractors and operative builders with headquarters in Colorado, which did a construction business during 1929 amounting to $28,016,199. This sum includes construction by these establishments outside of Colorado, but not the operations of outside establishments in the state. The final figures for all states, which have not yet been completed, will include construction in the state by establishments with headquarters elsewhere. The figures include the construction of such improvements as highways and streets, water power development, railroads and car lines, bridges and tunnels, sewage disposal and drainage and all other kinds of public works and utilities when not done on force account. They do not cover such part of the new construction and maintenance work of common carriers, public utilities, municipalities, private concerns and federal, state and local governments as was done by their own forces.

Of the $28,016,000 construction in 1929 by 211 establishments, $19,759,000 was by 117 general contractors and $8,257,000 by 94 subcontractors. The distribution of the general contractors construction is as follows:

Class	Amount
Building	$ 9,945,000
Highway	3,233,000
Bridges and culverts	980,000
Grading	1,281,000
Street paving	721,000
Sewer, gas and water conduits	560,000
Dam, reservoir and water works	259,000
Other classes	2,780,000
Total	$19,759,000

The distribution of the subcontractors work is as follows:

Class	Amount
Concreting	$ 436,000
Electrical	779,000
Heating and plumbing	3,273,000
Masonry	149,000
Painting and decorating	476,000
Plastering and lathing	158,000
Roofing and sheet metal work	565,000
Steel erection	1,280,000
Marble and tiling	571,000
Metal work	106,000
Other classes	464,000
Total	$8,257,000

A table is published herewith showing the distribution of establishments in Colorado by counties, the value of the construction business and principal expenditures.

Distribution of the construction by class of public ownership is as follows:

Class	Amount
Federal	$ 484,497
State	3,572,552
County	558,415
Municipal	2,211,833
Total	$6,827,297

Of the 211 establishments reporting, 205 gave data on the location of work done during 1929 to the total amount of $26,964,672. Of this total, $4,540,314 was distributed among more than 13 states. This distribution is as follows:

Location	Amount
In home city	$16,108,271
In home state	22,424,358
Outside home state	4,540,314

Annual salaries paid to 444 salaried employes of 198 establishments is $1,079,966 and to proprietors and firm members receiving salaries, $190,280. There were 138 proprietors and firm members who received no salary. Wages paid by 188 establishments reporting amounted to $5,868,240.

In addition to the 211 establishments doing a business of $25,000, or more, during 1929, there were 1,274 active contracting establishments in the state which did a business of less than $25,000 during that year, their total volume of business being $2,492,933.

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GAZETTEER OF CITIES AND TOWNS OF COLORADO, 1934

TOWN OR CITY	Date Incorporated	County	Altitude	Population Jan. 1, 1930 U. S. Census	Assessed Valuation	Municipal Tax Levy in Mills	Revenue	Acreage Area Incorporated	Mayor	Clerk	Total Outstanding Bonds January 1, 1934: General Obligation	Total Outstanding Bonds January 1, 1934: Special Improvements	Bonds Per Capita	Bonds % Assessed Valuation	Water Works (M) Municipal (P) Private	Electric Lights (M) Municipal (P) Private	Sanitary Sewers	Bank Deposits	TOWN OR CITY
Aguilar	1-10-1891	Las Animas	6,700	1,313	$ 106,188	20.00	$ 8,123.76	320	L. L. Harnish	Mrs. Marie Haslee	$ 17,000	$ 7,500	61.71	22.02	M	P	No		Aguilar
Akron	9-22-1887	Washington	4,300	1,135	150,181	12.00	9,001.32	810	F. W. Lothian	Harry L. Jansen	61,100	22,200	100.36	10.12	M	P	Yes	$ 203,616	Akron
Alamosa	6-12-1878	Alamosa	7,500	5,107	2,380,991	19.60	41,179.34	640	Everett Cole	Richard Davis	297,000	127,800	76.36	16.81	M	P	Yes	192,512	Alamosa
Alma		Park	10,300	110	91,060	2.60	011.33											10,998	Alma
Animas City	12-21-1876	La Plata	6,600	157	110,210	18.12	1,989.06		W. H. Thompson	Catherine R. Connor	12,000		20.26	10.88	M	P	No		Animas City
Antonito	11-30-1889	Conejos	7,888	868	316,188	19.00	1,140.73	310	Max Duran	Mary M. Galvez	46,600		99.06	22.13	M	P	No	38,130	Antonito
Arriba	8-29-1918	Lincoln	5,233	331					O. V. Hillenkamp	W. E. Kliewer					None	P	No		Arriba
Arvada	8-25-1904	Jefferson	5,300	1,276	610,486	11.50	9,287.02		Wm. J. Hennen	Mrs. Mabel Ladd	12,000	10,200	09.91	13.93	M	P	Yes	181,184	Arvada
Aspen	1-11-1881	Pitkin	7,850	705	201,015	43.00	8,641.91	253	F. H. Willoughby	Alton Beck	71,000		101.12	35.50	M	P	Yes	123,615	Aspen
Ault	1-11-1901	Weld	4,810	431	211,500	20.00	5,550.00	60	J. A. Van Buskirk	H. B. Smith	11,000		15.00	5.05	M	P	No	260,190	Ault
Aurora	5-0-1293	Adams-Arapahoe	5,100	2,295	1,176,625	710.00	45,959.56	610	Charles F. Holzer	H. H. Emanuel	227,800	192,600	187.12	24.07	M	P	Yes		Aurora
Basalt	8-24-1901	Eagle	6,600	119	13,509	5.16	219.15	20	A. F. Carlson	C. B. Lackslinger					M	None	No		Basalt
Bayfield	8-12-1906	La Plata	6,500	244	21,850	17.00	1,051.45	16	Kels Harnell	Lulu Lansing	13,000		10.93	21.02	M	P	No		Bayfield
Bennett	1-22-1930	Adams		211	118,850	13.00	1,909.44				20,000		94.79	13.63				17,067	Bennett
Berthoud	8-28-1888	Larimer	5,240	811	549,830	12.00	6,596.96	160	E. L. Stepp	Margie Williams	49,000		60.42	0.91	M	P	Yes	171,490	Berthoud
Bethune	6-30-1926	Kit Carson	1,000	21	51,291	12.00	616.61		Earl Chapman	Lester Erickson	0,500		07.06	12.86	M	P	No		Bethune
Black Hawk	8-12-1886	Gilpin	8,032	202					J. C. Strodtle	Otto Rullkamp					M	P	No		Blackhawk
Blanca	7-18-1910	Costilla	7,870	361	201,602	12.00	2,312.62	1,200	George Oplinger	A. M. Wearer					None	P	No		Blanca
Bonanza	1-13-1881	Saguache	9,000	116	14,117	8.00	115.55	710	Theo Beck	S. E. Kertright					None	P	No		Bonanza
Boulder	11-4-1871	Boulder	5,350	11,223	9,419,506	11.01	101,791.68	2,100	H. H. Heuston	Mosing Graham	501,000	357,600	73.41	9.11	M	P	Yes	1,605,460	Boulder
Branson	2-26-1921	Las Animas	6,000	231	102,398	20.00	2,011.90	300	W. S. Bailey	Elizabeth Dodson	12,000		111.22	41.02	M	None	No		Branson
Breckenridge	3-1-1880	Summit	9,079	136	266,428	20.00	0,366.56	575	George Robinson	John H. Goodin	22,000		73.25	11.92	M	P	Yes	47,872	Breckenridge
Brighton	9-7-1887	Adams	4,979	3,364	1,304,690	12.00	21,010.36	100	Jurres Knapp	Anna M. Wallace	110,000	77,000	69.83	13.12	M	P	Yes	276,910	Brighton
Brush	11-24-1881	Morgan	4,210	2,312	1,220,016	19.50	23,191.68	590	Leroy Bates	A. C. Burriss	190,000	131,000	134.24	20.31	M	P	Yes	471,305	Brush
Buena Vista	11-5-1879	Chaffee	7,800	701	351,022	11.00	5,811.31	1,680	H. B. Shaffer	F. Stanley Tomkins					M	P	No		Buena Vista
Burlington	1-12-1888	Kit Carson	4,160	1,250	198,179	18.00	11,367.22	160	J. D. Brown	George E. Holmes	141,000	70,800	172.60	27.66	M	M	Yes	140,532	Burlington
Calhan	5-10-1919	El Paso	6,008	392	186,120	14.00	2,609.88	200	D. P. Augustus	N. O. Conant	20,000		05.16	13.96	None	P	No		Calhan
Canon City	1-3-1872	Fremont	5,333	5,938	2,919,619	12.91	51,600.62	1,520	Guy James	Robert S. Duncan	440,000	192,600	106.52	16.14	M	P	Yes	1,334,081	Canon City
Carbondale	4-26-1888	Garfield	6,000	183	318,165	16.00	5,600.21	80	F. K. Herthell	F. K. Huber	19,000		61.13	8.09	M	P	No	101,496	Carbondale
Castle Rock	6-11-1881	Douglas	6,000	112	310,910	22.00	7,601.31	160	Harold A. Sender	E. S. Tripbell	66,000	15,600	170.71	23.93	M	P	Yes		Castle Rock
Cedaredge	0-2-1907	Delta	6,100	163	228,100	11.00	2,012.80	610	J. B. Ratekin	C. W. Brewer	38,000		83.12	16.84	M	P	No	133,081	Cedaredge
Center	1-18-1907	Saguache	7,641	1,011	177,321	12.00	1,906.11	160	H. F. Walker	H. A. Allison	35,000	7,150	41.09	11.11	M	P	Yes	110,397	Center
Central City	6-12-1886	Gilpin	8,000	273	326,624	28.00	9,162.18	600	Robt. Wilkinson	J. M. Thomas	63,000		110.14	18.72	M	P	Yes		Central City
Cheraw	4-9-1917	Otero	4,000	292	88,801	10.00	888.01	60	W. T. Glenn	Howard W. Wahl	14,500		19.49	16.23	M	P	No		Cheraw
Cheyenne Wells	5-11-1890	Cheyenne	4,222	595	413,255	18.00	1,918.59	600	L. N. Myers	Clyde E. Eichenberger	00,000		98.32	18.20	M	P	No		Cheyenne Wells
Coal Creek	2-11-1883	Fremont	6,600	136	26,151	28.60	754.88	210	Frank Modonna	A. L. Morganstein					None	P	No		Coal Creek
Collbran	1-22-1901	Mesa	6,000	311	110,909	18.00	1,111.82	40	H. R. Ford	J. O. McCrillis	7,000		31.99	0.76	M	P	No	111,881	Collbran
Colorado Springs	6-19-1886	El Paso	5,900	33,237	28,140,070	12.00	316,120.61	5,896	George B. Birdsall		2,727,000	233,300	89.07	10.29	M&P	P	Yes	15,048,317	Colorado Springs
Cortez	11-10-1902	Montezuma	6,194	931	129,839	11.00	1,138.91	160	F. Allen Kermode	Miss Tom Duncan	66,000	14,000	65.18	12.26	M	P	Yes		Cortez
Craig	7-15-1908	Moffat	6,200	1,112	881,112	16.00	12,021.61	260	H. W. Hansen	C. J. Bullick	11,000		20.91	5.12	M	P	Yes		Craig
Crawford	12-30-1910	Delta	6,700	158	52,290	15.00	741.35	106	Charles M. Hillman	F. M. Drexel	23,500		149.68	41.94	M	P	No	57,045	Crawford
Creede	6-19-1892	Mineral	8,851	381	145,066	21.00	3,109.36	280	H. I. Fisher	W. T. Jackson	8,000		20.83	6.10	None	M	No		Creede
Crested Butte	1-15-1880	Gunnison	9,000	1,251	251,120	18.26	0,058.21	320	Mike Welch	Joseph Yoklavich	08,600		61.84	26.56	M&P	M	No		Crested Butte
Crestone	1-24-1902	Saguache	7,500	85	15,313	11.00	168.46	50	John S. Moyer	W. E. Perkins					None	None	No		Crestone
Cripple Creek	6-18-1892	Teller	9,370	1,172	352,440	63.00	14,679.32	180	C. W. Searles	J. C. Mitchell	77,000		63.92	21.86	P	P	Yes	1,878,119	Cripple Creek
Crook	9-23-1916	Logan	3,100	251	107,496	20.10	2,911.61		Dr. H. R. Bauer	Charles E. Stone	34,000		136.46	31.63	M	M	No		Crook
Crowley	10-10-1921	Crowley	4,215	323	103,260	11.50	1,881.15	112	W. E. Wilson	R. L. Allen	1,000		12.30	2.11	M	P	No		Crowley
Dacona	3-22-1902	Weld	4,500	276	10,130	20.00	1,203.90	10	Paul Heller, Jr.	Adam Lauth	6,000		21.62	14.95	M&P	M	No		Dacona
De Beque	1-12-1890	Mesa	4,800	241	130,385	28.10	2,662.62	100	Wm. E. Parr	F. R. Linkins	72,200		210.90	06.14	M	P	No	53,936	De Beque
Deertrail	2-8-1920	Arapahoe	5,189	390	174,930	35.50	6,211.97		Donald Drinkwine	Ernest W. Stone	61,500	16,500	200.00	11.21	M	P	Yes		Deertrail
Delagua	7-6-1903	Las Animas	6,100	1,031				1,600	James Struthers	Ralph Hagliardi					None	P	No		Delagua
Del Norte	11-10-1885	Rio Grande	7,716	1,106	400,037	17.00	6,912.83	160	Louis Eckenroll	C. H. Varis	62,600		11.39	15.21	M	P	Yes		Del Norte
Delta	10-21-1882	Delta	4,980	2,938	1,781,810	13.00	23,202.92	619	George F. Seabourn	J. W. Jeffers	281,500	71,000	101.60	16.13	M	P	Yes	866,014	Delta
Denver	11-7-1861	Denver	5,280	287,861	349,125,480	11.24	3,981,524.69	37,086	George D. Begole		23,180,600	8,750,000	113.01	9.32	M	P	Yes	111,113,241	Denver
Dillon	1-26-1883	Summit	9,000	92	09,165	8.00	473.82	320	Frank Warren	Ella Wiley					None	P	No		Dillon
Dolores	7-19-1900	Montezuma	6,951	627	254,560	16.00	1,011.60	80	R. B. Dunham	D. S. Thomas	17,000	21,000	19.89	17.16	M	P	Yes	160,158	Dolores
Durango	1-31-1881	La Plata	6,505	5,398	3,211,865	16.00	52,118.88	100	J. A. Clay	Joe McHalligan	192,700	148,500	119.01	19.02	M	P	Yes	1,517,317	Durango
Eads	1-29-1916	Kiowa	4,262	619	351,682	7.50	2,631.61	205	A. R. Rittgers	J. C. Lask	69,000		122.92	19.62	M	P	No		Eads
Eagle	1-5-1900	Eagle	6,602	311	238,090	19.60	1,012.87	120	H. D. Hudson	Gene R. Luby	26,500		83.58	11.97	M	P	Yes	291,031	Eagle
Eaton	12-5-1892	Weld	4,760	1,321	688,210	16.00	11,312.97	100	N. J. Miller	W. F. Willis	2,000	7,500	5.80	1.01	M	P	Yes		Eaton
Eckley	6-16-1920	Yuma	3,890	359	167,230	36.62	6,103.01	115	George E. Rice	Elmer Smith	40,000		111.12	56.14	M	P	No	01,050	Eckley
Edgewater	11-5-1904	Jefferson	5,353	1,472	123,310	18.00	5,003.03	000	E. B. Ebler	J. R. Noble	11,500	12,500	57.03	19.61	M	P	Yes		Edgewater
Eldora	6-1-1898	Boulder	8,700	16	40,590	20.00	811.80	210	W. T. Harpel	Mrs. Clara Hurlbut					None	None	No		Eldora
Elizabeth	10-9-1890	Elbert	6,400	206	135,716	4.00	539.17	100	F. E. Garland	H. S. Hundley					None	P	No	19,030	Elizabeth
Empire	1-15-1882	Clear Creek	8,603	98	29,130	1.00	234.11	151	Kenneth Sharp	E. E. Irotz					M	P	No		Empire
Englewood	5-9-1903	Arapahoe	5,400	1,950	2,199,050	12.00	34,388.60	1,280	J. E. Ahlrup			686,000	82.04	20.17	M	P	Yes		Englewood
Erie	11-16-1885	Weld	5,000	910	193,680	20.50	3,911.01	10	Ray Jones	Frank Wealwood	20,500		21.42	12.12	M	M	No	196,336	Erie
Estes Park	1-11-1917	Larimer	7,000	411	613,760	16.00	9,820.16	220	Frank P. Bond	Charles F. Hix	16,000		179.56	17.22	M	P	Yes	51,395	Estes Park
Eureka	11-6-1883	San Juan	9,800	191				170	John Newman	Albert F. Gray					None	None	No		Eureka
Evans	11-16-1885	Weld	4,611	540	116,360	10.00	2,885.76	1,000	W. R. Gibson	C. F. Overman					M	P	No		Evans
Fairplay	11-16-1872	Park	9,984	331	196,990	11.00	2,166.89	220	J. C. Singleton	Pat Logan					M	P	No	116,307	Fairplay
Firestone	10-8-1902	Weld	5,080	240	12,870	20.40	1,303.26	90	T. C. Fisher	Sam Ferrante	11,000		70.63	39.06	M	M	No		Firestone
Flagler	11-22-1916	Kit Carson	4,920	510	232,401	12.00	1,321.99	320	George P. Gibbs	Hunt Wortman	84,000		166.50	26.27	M	M	No	149,911	Flagler
Fleming	5-1-1917	Logan	3,900	366	196,265	21.00	4,717.56	210	C. M. Morris	Hugh Boyd	81,000		221.92	11.21	M	M	No	87,524	Fleming
Florence	9-12-1887	Fremont	6,127	2,122	1,662,012	14.70	21,232.21	010	E. L. Beverstock	Mrs. Florence K. Thompson	200,500	80,500	116.33	11.23	M	P	Yes	1,038,307	Florence
Fort Collins	2-12-1873	Larimer	5,100	11,489	7,176,070	15.00	110,611.05	1,658	H. H. Harrison	A. J. Rosenow	1,276,000	438,610	111.59	21.41	M	P	Yes	1,555,181	Fort Collins
Fort Lupton	1-15-1890	Weld	4,900	1,014	801,050	9.00	7,216.15	600	Ora N. Putnam	Helen Kelsey	14,000	77,900	25.92	5.09	M	P	Yes	461,931	Fort Lupton
Fort Morgan	6-10-1887	Morgan	4,210	4,423	2,696,188	5.50	16,920.53	690	C. E. Robison	H. J. Siebel	20,000	100,000	30.50	4.10	M	M	Yes	080,609	Fort Morgan
Fountain	1-23-1903	El Paso	5,500	517	223,000	10.00	3,568.00	100	A. C. Johnson	A. M. Sayers	91,500		153.06	11.03	M	M	No		Fountain
Fowler	6-26-1900	Otero	4,300	965	609,913	20.00	12,198.82	115	Harry Baren	J. D. Milstead	50,600		57.43	9.12	M	P	Yes	205,150	Fowler
Frederick	9-9-1908	Weld	5,120	595	122,090	25.00	3,051.25	120	L. J. Heynon	J. Bonuto	20,000		33.61	10.26	M	M&P	No		Frederick
Frisco	12-2-1880	Summit	9,097	12				159	L. A. Wildhack	Pim Eklund					None	None	No		Frisco
Fruita	4-16-1891	Mesa	4,512	1,063	385,899	30.10	11,817.10		James S. Orr	Jennie A. Phillips	113,000	15,800	123.27	32.64	M	P	Yes	167,137	Fruita
Genoa	1-31-1906	Lincoln	....	218	120,151	6.50	781.00		S. L. Shaw	Richard P. Nuss					None	P	No		Genoa
Georgetown	11-15-1868	Clear Creek	8,510	305	311,500	11.00	3,433.50	297	Edward Bulta	M. S. McFarland					M	P	Yes		Georgetown
Gilcrest	3-16-1912	Weld	4,122	271	11,150	6.00	128.70	500	F. C. Hayes	Mrs. C. W. Hines					None	P	No		Gilcrest
Glenwood Springs	9-1-1885	Garfield	5,717	1,825	1,491,980	18.10	28,012.23	400	Carlton L. Hubbard		256,000	36,000	161.10	19.03	M	P	Yes	1,137,183	Glenwood Springs
Golden	0-22-1866	Jefferson	5,620	2,426	1,366,305	16.50	22,169.12	2,500	A. E. Jones	P. A. Owens	505,500	163,500	102.10	27.22	M	P	Yes		Golden
Granada	7-25-1887	Prowers	3,179	352	156,809	17.00	2,660.15	100	C. D. Baldwin	Jerome Clark	23,000		92.75	21.04	M	M&P	No	28,962	Granada
Granby	12-11-1905	Grand	7,935	20	10,025	1.10	110.15		A. F. Pallamus	R. J. Moon					None	None	No		Granby
Grand Junction	7-22-1882	Mesa	4,587	10,247	1,122,133	14.00	99,608.06	1,280	Frank R. Hall	Mrs. Helen C. Tomlinson	142,200	158,500	18.74	11.24	M	P	Yes	1,540,063	Grand Junction
Grand Valley	4-1-1908	Garfield	5,095	202	113,265	20.00	3,100.96	160	J. E. Sipperly	I. H. Anderson	35,500		169.56	31.31	M	P	No	36,222	Grand Valley
Greeley	11-15-1885	Weld	4,637	12,203	9,316,450	11.60	107,139.60	2,291	Roy M. Briggs	W. A. Hammell	412,000	130,500	19.37	0.47	M	P	Yes	1,381,552	Greeley
Green Mountain Falls	8-19-1890	El Paso-Teller	7,621	11	110,620	16.00	2,311.82	520	Hal A. Brown	E. S. Armentrout	1,500		182.92	6.12	M	P	No		Green Mountain Falls
Grover	10-6-1916	Weld	5,000	165	108,190	29.00	3,154.91	200	Frances D. Dyer	Grace Evans	24,000		200.00	21.25	M	M	No		Grover
Gunnison	5-1-1880	Gunnison	7,683	1,415	1,101,012	12.60	17,550.23	610	A. C. Miller	Carlton T. Sills	70,000	26,000	68.20	6.27	M	M	Yes	926,490	Gunnison
Gypsum	11-26-1911	Eagle	6,325	165	151,631	15.00	1,665.01		George Zoellner	Mrs. Mayme S. Price	*12,000		73.73	11.46	M	P	Yes		Gypsum
Hartman	6-14-1910	Prowers	3,500	268	90,116	10.00	901.16	305	H. R. Lowe	Harry B. Spencer					M	P	No		Hartman
Hastings	4-4-1893	Las Animas	6,120	301					Allen McNew	Mrs. Mary McCluskey					M	P	No		Hastings
Haswell	9-2-1920	Kiowa	4,526	156	91,689	10.00	910.89	320	Frank Rich	John Rebel					M	M	No		Haswell
Haxtun	7-30-1909	Phillips	4,000	1,027	690,000	15.00	7,350.00	100	J. C. Neuman	Floyd W. Hipple	63,500	26,000	90.32	20.52	M	M	Yes	77,660	Haxtun
Hayden	5-5-1906	Routt	6,350	551	223,050	11.50	2,912.87	...	B. A. Long	S. R. Brock	39,000		70.10	17.44	M	M	Yes		Hayden
Hillrose	5-20-1919	Morgan	1,900	510	111,861	8.00	912.89	21	W. S. Stratton	N. H. Wetzner					None	P	No		Hillrose
Holly	9-4-1903	Prowers	3,400	911	611,261	10.00	6,115.64	100	Bruce Sowell	Al Boyt		10,000	10.30	1.76	M	M	Yes	127,861	Holly
Holyoke	6-21-1888	Phillips	3,716	1,224	681,000	15.25	10,181.00		D. J. Colter	Charlie P. Paterson	152,500	10,000	149.57	26.53	M	M	Yes	232,210	Holyoke
Hooper	5-20-1898	Alamosa	7,500	155	13,081	8.00	365.11	160	L. G. Simmons	H. F. McClanahan					M	P	No	34,876	Hooper
Hotchkiss	3-11-1901	Delta	5,359	611	288,020	14.40	1,111.63	140	D. G. Taylor	Charles R. Neill	51,500		105.28	19.96	M	P	Yes	189,630	Hotchkiss
Hot Sulphur Springs	4-1-1903	Grand	7,655	143	112,970	25.00	2,430.19		Hugh Gilmore	Fred Thompson	8,600		59.56	6.06	M	P	No	81,581	Hot Sulphur Springs
Hudson	1-2-1914	Weld	5,000	316	169,980	25.00	4,219.60	220	A. W. Peppers	W. Marshall	39,000		112.75	22.94	M	P	No		Hudson
Hugo	6-21-1909	Lincoln	4,910	717	437,894	9.00	3,941.06	100	J. P. Jacobutti	George A. VanArsdale					M	P	Yes	327,327	Hugo
Idaho Springs	12-16-1885	Clear Creek	7,500	1,201	933,810	14.00	13,062.56	100	Fred L. Folsom	John R. White	38,000		31.48	1.07	M	P	Yes	126,539	Idaho Springs
Ignacio	7-1-1913	La Plata	6,132	181	88,980	1.00	822.86	10	Robt. R. Carrick	Frank L. Leonard					None	P	No	86,691	Ignacio
Iliff	2-30-1925	Logan	3,998	266	90,180	25.00	2,511.84	32	J. W. McCauley	H. W. Hoof, M.D.	23,600		88.16	26.89	M	P	No	80,112	Iliff
Johnstown	6-12-1901	Weld	1,850	161	161,250	13.00	5,996.16	40	G. A. Jones	Thomas J. Stephens	126,000		146.86	12.16	M	P	Yes	202,695	Johnstown
Julesburg	12-6-1886	Sedgwick	3,500	1,467	917,510	12.00	11,018.12	1,920	W. I. Law	Mrs. M. A. Rogers	67,000	7,500	43.97	7.03	M	M	Yes	711,116	Julesburg
Keenesburg	6-1-1919	Weld	4,951	297	169,980	18.00	3,059.64	300	H. J. Vallicott	H. C. Lewis	21,000		68.61	11.13	M	P	No		Keenesburg
Keota	4-17-1919	Weld	5,000	103	37,360	65.00	2,191.04	140	J. R. Craig	C. L. Stanley	13,000		120.37	34.80	M	None	No		Keota
Kersey	12-3-1908	Weld	4,614	307	723,110	22.00	1,659.72	320	W. R. Smith	Constance Schenk	16,000	26,600	236.48	58.21	M	P	Yes		Kersey
Kiowa	18-20-1913	Elbert	6,100	185	114,583	2.11	383.53	20	J. H. Pemberton	F. H. Lemon					None	P	No	111,521	Kiowa
Kit Carson	1-13-1931	Cheyenne	4,273	193	116,106	3.15	366.61		A. P. LaSalle	Frank Jelinek					M	P	No	101,533	Kit Carson
Kremmling	6-11-1901	Grand	7,322	261	131,106	16.00	6,292.63	180	Carl G. Briese	Horace W. Brown	32,500		121.52	24.66	M	P	No	114,510	Kremmling
Lafayette	1-6-1890	Boulder	5,118	1,812	488,442	31.60	16,331.80	100	Harry Grist	Leonard R. Meis	104,000	2,000	59.18	22.67	M	P	No		Lafayette
La Jara	11-11-1910	Conejos	7,600	202	259,389	12.00	3,004.67	160	F. D. Calkins	Mellion Valasquez	26,000	5,100	59.60	11.13	M	P	Yes	301,781	La Jara
La Junta	4-23-1881	Otero	4,100	7,193	4,098,595	12.50	50,107.17	1,500	Andrew Helburg	Robert H. Miller	725,000	16,100	37.69	5.16	M	P	Yes	621,144	La Junta
Lake City	9-19-1884	Hinsdale	8,500	259	96,669	16.00	1,516.70	261	James Steinbeck	Pearl McClaughlin	10,500		40.51	10.86	M	None	No		Lake City
Lamar	12-6-1886	Prowers	3,600	4,233	2,186,887	11.00	27,366.76	640	John Y. Brown	A. J. Davy	674,240	206,000	208.08	36.12	M	M	Yes	630,800	Lamar
La Salle	5-6-1910	Weld	4,100	564	261,620	16.00	4,532.32	610	David Stewart	Hazel D. Wall	25,000	7,000	70.18	12.10	M	P	Yes		La Salle
Las Animas	5-15-1886	Bent	3,900	2,517	1,135,602	11.00	16,790.63	660	R. G. McDermott	C. M. Halvorson		82,250	32.68	5.13	M	P	Yes	577,530	Las Animas
La Veta	5-16-1886	Huerfano	7,024	782	150,463	15.00	3,766.94		John Elley	Julia M. Lively	16,000	16,500	11.56	13.99	M	P	Yes		La Veta
Leadville	2-16-1878	Lake	10,190	3,771	1,232,440	38.00	46,832.72		G. A. Conklin	Mary A. Keating	26,000		6.89	2.11	P	P	Yes	1,079,810	Leadville
Limon	11-12-1909	Lincoln	5,360	1,101	552,070	19.16	11,501.10	100	J. T. Delaine	D. W. Wills	69,600	21,700	55.01	16.08	M	P	Yes	156,112	Limon
Littleton	3-13-1890	Arapahoe	5,362	2,019	1,181,155	11.00	16,550.72	666	C. G. Louthan	J. Clyde Harkin	135,500	17,500	15.13	12.38	M	P	Yes	310,417	Littleton
Longmont	11-15-1885	Boulder	5,000	6,029	4,112,736	5.00	20,563.68	760	Ray Lanyon	O. V. Booth	66,000	14,000	13.10	1.92	M	M	Yes	1,672,081	Longmont
Louisville	2-13-1882	Boulder	5,350	1,681	113,129	11.92	6,620.11	320	George Golden	John Moffitt	18,000	400	10.95	4.16	M	P	No	111,223	Louisville
Loveland	1-30-1881	Larimer	4,982	5,506	3,016,610	13.50	40,710.14	160	Elmer Ivers	R. W. Vandenpool	513,000	60,800	114.93	20.92	M	M	Yes	804,148	Loveland
Lyons	1-10-1891	Boulder	5,315	561	181,621	28.00	5,085.39	60	C. L. Droge	Harry E. J. Brown	55,000		97.00	30.28	M	M	No	49,550	Lyons
Manassa	5-6-1889	Conejos	7,700	963	175,022	8.00	1,400.18	610	Lorenzo DeFriest	H. D. Haynie	5,000		5.25	2.85	None	P	No	87,176	Manassa
Mancos	11-30-1894	Montezuma	7,035	646	216,096	12.00	2,621.81	250	W. G. French	May L. McCallard	15,000		23.22	6.87	M	P	No		Mancos
Manitou	7-26-1888	El Paso	6,336	1,205	2,965,910	9.00	16,583.19	1,920	W. B. Kirby	Homer T. Bruce	134,600		111.81	8.19	M	P	Yes	206,697	Manitou
Manzanola	5-9-1900	Otero	1,360	618	111,404	12.00	6,305.25	160	H. B. Dye	Charles A. Gregory	71,000	10,500	61.50	7.60	M	P	Yes	186,218	Manzanola
Marble	5-5-1899	Gunnison	7,500	111	121,900	9.00	1,124.10	100	Wm. H. McHugh	J. A. Williams					M	M	No		Marble
Mead	3-11-1908	Weld	5,250	152	108,270	9.00	911.13	60	A. F. Peters	S. M. Prince	1,000		6.62	0.92	M	P	No		Mead
Meeker	11-10-1886	Rio Blanco	6,210	1,062	152,520	22.00	10,401.98	610	H. S. Graber	M. A. Fredericks	140,800		131.43	31.06	M	M	Yes	519,541	Meeker
Merino	1-1-1917	Logan	4,042	320	100,170	15.00	1,614.90	60	E. P. Marion	A. A. Pickering	38,000	2,000	173.91	39.83	M	P	Yes		Merino
Milliken	10-1-1910	Weld	4,760	483	182,120	12.70	2,106.63	160	....		26,500		54.87	14.55	M	P	No		Milliken
Minturn	11-22-1904	Eagle	7,825	100	71,638	13.00	933.89		Chris Hick	T. R. Meltroen					M	P	No		Minturn
Moffat	4-20-1911	Saguache	7,561	150	83,441	3.00	250.32	640	Sam Conder	J. F. Hevlina					M	P	No		Moffat
Monte Vista	9-27-1886	Rio Grande	7,600	2,810	1,363,615	17.00	23,011.96	516	F. B. Gulnow	George B. Boutwell	25,100	25,000	23.03	4.11	P	P	Yes		Monte Vista
Montrose	5-1-1882	Montrose	5,820	1,568	2,063,620	16.00	32,867.92	640	Randolph Kellison	Ada Moore	166,000	10,000	49.36	8.51	M	P	Yes	1,136,659	Montrose
Monument	6-14-1881	El Paso	6,895	193	66,500	8.00	532.00	200	W. E. Bigby	Fred C. Millwright	1,500		7.81	2.28	M	P	Yes		Monument
Morrison	1-29-1906	Jefferson	5,666	111	109,176	26.00	3,838.66		S. D. Baker		*8,000		15.20	7.33	None	P	No		Morrison
Mountain View	10-11-1901	Jefferson	....	484	160,166	11.60	1,815.80		E. J. Cook	Pearle M. Born		8,500	12.50	5.29	M	P	Yes		Mountain View
Nederland	11-15-1885	Boulder	8,200	385	111,336	25.00	2,858.45	610	Wm. T. Todd	William Nolan	7,000		24.48	6.12	M	P	No		Nederland
New Castle	3-27-1890	Garfield	5,552	110	111,165	10.00	1,141.65	300	C. N. Burrell	A. E. Westley	10,000		21.58	8.16	M	P	No	14,111	New Castle
New Raymer (See Raymer)																			New Raymer (See Raymer)
Norwood	8-20-1903	San Miguel	7,017	299	164,760	6.00	988.56	220	J. W. Langford	Isola C. McKersey					M	P	No		Norwood
Nucla	3-4-1915	Montrose	7,000	221	50,130	20.00	1,011.50	160	John A. Galley	W. C. Hundley	6,000		27.16	11.83	M	None	No		Nucla
Nunn	2-23-1908	Weld	5,126	388	126,130	20.00	2,511.60	640	H. C. Kelly	C. E. Madden	35,000		119.57	27.84	M	P	No		Nunn
Oak Creek	12-26-1907	Routt	7,401	1,211	275,960	26.00	9,319.60		Joseph Mathews	Edward Sumner	11,000	9,000	66.06	21.26	M	M	Yes	136,288	Oak Creek
Olathe	10-16-1907	Montrose	5,316	593	302,570	11.00	3,328.31	610	M. R. Talley	H. C. Hadley	56,000		91.44	18.51	M	P	Yes	556,396	Olathe
Olney Springs	5-27-1912	Crowley	4,400	228	88,196	10.00	881.96	160	S. I. Hussen	H. H. Milhollin	4,000		17.54	1.64	M	P	No		Olney Springs
Ophir	5-3-1881	San Miguel	9,800	36				160	C. L. Brown	Anna Purdy						P	No		Ophir
Orchard City	6-25-1912	Delta	5,200	500	431,613	1.90	825.62		E. C. Pritchard	J. C. Watts	18,000		36.00	4.11	M	P	No		Orchard City
Ordway	9-4-1900	Crowley	4,300	1,129	692,490	14.00	9,691.86	660	D. J. Mooney	Floyd F. Hunsler	32,600	1,100	20.72	3.41	M	P	Yes	231,823	Ordway
Otis	3-21-1917	Washington	4,000	529	291,068	15.00	4,410.96	200	T. P. Redner	Mrs. Ellie M. Pleasants	42,500		91.68	16.49	M	P	No	104,912	Otis
Ouray	3-21-1881	Ouray	7,800	101	310,644	24.60	9,191.97	300	Frank A. Rice	Thos. B. Crawford	9,500		13.41	2.66	M	P	Yes	117,508	Ouray
Ovid	12-21-1925	Sedgwick	3,500	446	297,720	21.00	7,145.28		R. C. Hopkins	E. A. Carroll	30,000	5,500	121.14	22.73	M	P	Yes		Ovid
Pagosa Springs	3-16-1891	Archuleta	7,077	306	316,362	19.50	6,764.06	500	T. L. Garnall	E. H. Mullins	16,000		19.90	4.82	M	P	No	12,362	Pagosa Springs
Palisade	1-4-1904	Mesa	4,740	651	471,340	21.70	13,151.56	80	H. L. Reeds	J. W. Hake	125,000	11,500	163.92	32.61	M	P	Yes		Palisade
Palmer Lake	3-12-1889	El Paso	7,237	241	252,760	9.50	6,301.22	1,600	N. E. Medlock	Harry H. Myers	13,000		53.26	3.89	M	P	No		Palmer Lake
Paoli	4-6-1910	Phillips		100	94,400	7.00	660.80		E. F. Roemer	W. S. Johnson						P	No	11,266	Paoli
Paonia	7-1-1902	Delta	5,696	952	483,765	16.50	7,498.70	120	Ralph Bulling	Oren Baker	46,000	33,700	83.19	16.40	M	P	Yes		Paonia
Peetz	3-17-1917	Logan	4,200	214	124,510	20.00	3,610.19	80	C. F. Thompson	W. G. Kulton	82,000		336.01	65.86	M	P	No		Peetz
Pierce	3-30-1918	Weld	5,011	281	116,740	25.00	2,858.50	400	Ed Lippett	Emil Smith	39,500		110.57	34.31	M	P	No		Pierce
Pitkin	4-5-1880	Gunnison	9,200	378	69,160	7.20	491.62	160	A. L. Pearson	Frank M. Wallace					None	None	No		Pitkin
Platteville	1-1-1887	Weld	1,220	643	257,090	25.00	6,612.76	640	L. C. Camp	Wm. Henderson	29,500		55.35	12.99	M	P	Yes	164,196	Platteville
Poncha Springs	13-16-1880	Chaffee	7,500	60	61,300	4.50	275.85	310	Lon L. Birteley	Mary T. Smith					None	P	No		Poncha Springs
Pritchett		Baca		181	197,000	18.00	3,516.00		Earl M. Deeds	John H. Milford	35,000	6,600	90.02	20.61		P	No	71,165	Pritchett
Pueblo	11-15-1885	Pueblo	4,700	50,096	28,967,194	24.00	695,212.66	7,272	James W. Carpenter	George W. Clark	403,000	3,981,600	87.26	11.53	M	P	Yes	21,087,614	Pueblo
Ramah	1-12-1927	El Paso	6,000	121	82,040	15.00	1,230.60		Leon Hammon	D. C. Carter	19,000		111.11	23.16	M	P	Yes		Ramah
Raymer	6-29-1919	Weld	4,779	261	144,060	31.00	2,076.26	160	C. R. Graves	Ernest W. Schweizer	4,000		15.76	2.78	M	P	No		Raymer
Redcliff	12-16-1880	Eagle	8,608	641	132,083	24.00	2,141.87	40	J. M. Diamond	Jennie H. Keating	2,000		5.61	5.26	M	P	Yes		Redcliff
Rico	5-25-1880	Dolores	8,900	177	127,135	9.50	1,155.63	380	H. E. Wendtree	Earl H. Eyre					M	P	No		Rico
Ridgway	4-2-1891	Ouray	6,970	239	120,870	16.00	2,115.66		E. D. Gardner	H. R. Hoagland	2,600		36.56	7.03	M	P	No		Ridgway
Rifle	5-18-1905	Garfield	5,332	1,281	608,950	16.00	9,743.20	120	R. F. Magor, Sr.	Mullie D. Hillman	20,000	21,000	28.01	6.05	M	P	Yes	166,619	Rifle
Rockvale	9-30-1886	Fremont	5,260	110	82,174	16.00	1,314.78		A. E. Frochelle	Chas. A. Dennis					M	P	No		Rockvale
Rocky Ford	3-19-1887	Otero	4,180	3,426	2,056,204	15.70	10,501.22	1,600	Wm. Farrell	Clyde C. Summers	582,500		170.02	28.33	M	P	Yes	431,132	Rocky Ford
Romeo	9-1-1929	Conejos	8,580	128	76,171	8.00	611.17		Wm. F. Thomas	Andy Weddington						P	No		Romeo
Saguache	8-13-1891	Saguache	7,600	1,010	303,103	18.00	3,910.34	210	Eugene Williams	W. L. Hammond	15,000		11.85	1.95	None	P	No	223,105	Saguache
Salida	3-13-1891	Chaffee	7,050	5,065	5,120,107	11.20	37,222.34		C. M. Forum	Bertie Henry	146,000	5,100	29.63	5.60	M	P	Yes	944,181	Salida
Sanford	4-9-1907	Conejos	7,600	597	109,002	12.00	1,308.02	640	Fred Bentley	H. J. Brown	1,000		6.70	3.61	None	P	No		Sanford
Sedgwick	1-23-1918	Sedgwick	3,500	111	211,010	25.00	5,350.25	226	H. T. Hush	Roy Stockham	13,000		96.26	20.09	M	P	No	102,181	Sedgwick
Seibert	6-21-1917	Kit Carson	4,706	216	161,253	16.00	2,527.51	10	E. H. Hess	Henry Flagerdo	16,000		51.96	9.13	M	P	No		Seibert
Severance	11-20-1920	Weld	4,900	300	62,710	6.10	137.96		J. H. Braley	J. H. Hunkins					None	P	No		Severance
Sheridan	1-7-1890	Arapahoe	6,394	567	387,896	5.00	1,939.17	700	F. J. Parker	W. E. Heaton					M	P	No		Sheridan
Silt	7-1915	Garfield	5,338	281	91,885	31.60	3,215.92	10	Harry Elron	C. L. Rojer	31,000		111.42	63.95	None	P	No	28,003	Silt
Silver Cliff	2-10-1879	Custer	2,000	203	18,616	12.50	233.08	40	J. T. Stroehlke	G. E. Stroehlke					None	None	No		Silver Cliff
Silver Plume	9-24-1880	Clear Creek	9,176	126	111,370	18.00	2,001.66		George Rowe	Minnie B. Shafer					M	P	No		Silver Plume
Silverton	11-15-1885	San Juan	9,302	1,201	455,355	17.00	7,511.06		A. S. Horkey	C. E. Dresback					M	P	Yes	219,547	Silverton
Simla	1-16-1913	Elbert	6,090	351	193,929	21.60	4,118.51	240	Daisy H. Graves	H. M. Foster	31,000		105.41	19.09	M	P	No	51,539	Simla
South Canon	5-11-1891	Fremont	6,300	1,471	479,136	12.60	6,037.10		Claude B. Rogers	Robert Blyth	9,600	12,600	15.02	1.01	M	P	Yes		South Canon
Springfield	1-16-1889	Baca	1,100	1,696	612,500	15.00	9,190.60	80	Harvey McKindles	Roy P. Mathews	81,000	65,000	110.96	21.32	M	P	Yes	118,674	Springfield
Steamboat Springs	5-19-1907	Routt	6,762	1,291	842,150	21.00	17,591.46		P. A. Jackson	H. L. Coombs	74,000	25,900	69.21	12.69	M	P	Yes	161,636	Steamboat Springs
Sterling	12-13-1884	Logan	3,947	7,195	1,511,175	10.50	75,128.51	780	John P. Beck	H. M. Ervin	653,000	254,000	117.18	11.66	M	P	Yes	1,221,061	Sterling
Stratton	4-16-1918	Kit Carson	4,404	501	293,527	21.00	8,161.07	100	T. J. Murphy	William M. Long	75,000		69.03	11.92	M	P	No	66,851	Stratton
Sugar City	1-2-1900	Crowley	4,326	621	217,160	30.00	1,362.80	287	A. A. Andrews	L. H. Harris	37,000		61.67	17.04	M	P	Yes	18,121	Sugar City
Superior	6-10-1904	Boulder	5,512	160	33,253	22.00	731.51	110	Anthony Lombard	Thomas C. Kerr					M	P	No		Superior
Swink	5-6-1900	Otero	4,000	118	158,980	19.00	5,020.21	10	F. H. Stephenson	Haydon Newkirk	3,000		7.18	1.89	M	P	No	37,622	Swink
Telluride	7-10-1878	San Miguel	8,500	512	618,126	11.00	7,257.76	300	Herman Herlein	Mrs. Clara J. Rogers					M	P	Yes		Telluride
Timnath	1-6-1920	Larimer	4,616	169	79,160	5.00	614.00	70	F. A. Morton	G. A. Barrett	10,500		62.13	13.68	M	P	No		Timnath
Trinidad	12-30-1879	Las Animas	5,999	11,732	7,542,783	17.72	131,112.74	2,000	D. M. Ralston	James Inglis	1,010,600	663,000	146.93	22.13	M	P	Yes	1,009,161	Trinidad
Two Buttes	10-12-1916	Baca	4,075	168	57,000	4.00	228.00	100	A. M. Gouns	George R. Crumb					None	P	No	15,890	Two Buttes
Victor	7-16-1891	Teller	9,900	1,291	237,830	50.00	11,891.50		Robert Moss	Tom Jack	56,000		43.30	21.50	M	P	Yes		Victor
Vona	8-9-1919	Kit Carson	4,431	122	91,611	9.00	817.56	110	Mrs. V. M. Hewitt	E. H. Cary					M	P	No		Vona
Walden	12-7-1890	Jackson	8,600	221	165,410	15.00	2,481.80	110	C. C. Case	L. F. Mitchell	25,500		93.31	16.02	M	M	No		Walden
Walsenburg	6-16-1873	Huerfano	6,200	5,503	2,676,007	11.00	29,436.08	200	A. J. Merritt	P. Victor Mazzone	213,000	297,000	117.39	21.11	M	P	Yes	1,538,880	Walsenburg
Walsh	7-19-1928	Baca		461	196,100	10.00	1,961.00		S. O. Nichols	Harry J. Dillon	4,000	12,000	41.06	10.20	M	P	No	119,110	Walsh
Ward	6-9-1898	Boulder	9,250	34	21,907	16.00	318.51	100	H. D. Hobbins	J. C. Miller					M	None	No		Ward
Wellington	11-10-1905	Larimer	6,000	273	258,080	17.60	1,542.21	610	C. T. Pulsifer	I. H. Wallen	58,000	18,000	136.98	28.29	M	P	Yes		Wellington
Westcliffe	11-21-1887	Custer	7,800	316	230,950	6.00	1,385.70	300	Herman Hansen	C. R. Richmond					M&P	P	No	111,249	Westcliffe
Westminster	5-21-1911	Adams	5,260	116	280,650	12.00	3,407.91	600	T. H. Carrigan	F. M. Gay	21,500		19.31	7.66	M	P	No		Westminster
Wiley	1-18-1909	Prowers	4,100	619	169,930	21.00	1,658.82	160	Charles Lenox	E. M. Tabner	61,000		108.06	27.66	M	P	Yes	19,607	Wiley
Williamsburg	4-1-1888	Fremont	5,250	255	18,321	18.00	869.82	600	Theo Boult	Joe John					None		No		Williamsburg
Windsor	4-15-1890	Weld	4,800	1,852	650,330	16.40	10,130.15	216	J. G. Charles	Mrs. Anna E. Kuentzel	5,000	16,000	10.40	3.08	M	P	Yes	411,061	Windsor
Woodland Park	6-8-1891	Teller	8,500	191	57,790	20.00	1,155.80		C. S. Godfrey	W. L. Turner						P	No		Woodland Park
Wray	6-22-1906	Yuma	3,500	1,753	807,110	11.00	10,196.33	170	Harold M. Gilg	H. J. Harris	78,500	75,800	58.50	12.42	M	M	Yes	135,777	Wray
Yampa	2-25-1907	Routt	7,884	310	103,670	22.70	2,353.31	100	C. L. Arnold	R. R. Emerson	3,000		9.08	2.29	M	P	No		Yampa
Yuma	2-24-1927	Yuma	4,122	1,360	691,141	8.00	5,528.88	610	I. S. Mortain	F. H. Harris	84,000	68,500	88.10	17.00	M	M	Yes	155,596	Yuma

*No report received. [1]Data of former year used. [2]Estimated.
[3]In addition to this levy Aurora has a 15.00 mill levy covering only a part of the town, for bond retirement.
[4]The mill levy of 12.91 for Canon City is imposed on a valuation of $1,857,363 for Canon City and 5.00 mills on a valuation of $158,298 for East Canon.
[5]Includes $1,... 000 G. O. assumed by Public Service Company. [6]Includes $31,500 G. O. assumed by Inland Utilities Company. [7]Includes $165,000 gas and electric revenue bonds. [8]Includes $69,000 G. O. assumed by Highland Utilities Company. [9]Includes $90,000 light and power revenue bonds. [10]Includes $10,000 light and power revenue bonds. [11]Includes $23,000 water revenue bonds.

NOTE: The following towns still incorporated according to official records are omitted from the foregoing list because they have practically ceased functioning: Arriola, Anthracite, Arrowhead, Atwood, Florissant, Gillette, Goldfield, Jamestown, Lawrence, Malta, McCoy, Montezuma, Neradaville, Portland, Ramona, Rosen, Sawpit, and St. Elmo.