

# Colorado: 2002

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## 2002 Economic Census

### *Mining*

#### Geographic Area Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

**Table 1. Industry Statistics for the State or Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			Total	With 20 employees or more	For pay period including March 12 <sup>3</sup>	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
<b>21</b>	<b>COLORADO</b>												
	<b>Mining . . . . .</b>	<b>2</b>	<b>950</b>	<b>132</b>	<b>13 448</b>	<b>686 454</b>	<b>9 704</b>	<b>19 302</b>	<b>466 696</b>	<b>4 655 358</b>	<b>1 830 067</b>	<b>5 342 881</b>	<b>1 142 544</b>
211	Oil and gas extraction . . . . .	1	370	47	4 382	274 863	2 599	4 854	147 043	3 315 733	1 262 505	3 675 018	903 220
2111	Oil and gas extraction . . . . .	1	370	47	4 382	274 863	2 599	4 854	147 043	3 315 733	1 262 505	3 675 018	903 220
21111	Oil and gas extraction . . . . .	1	370	47	4 382	274 863	2 599	4 854	147 043	3 315 733	1 262 505	3 675 018	903 220
211111	Crude petroleum and natural gas extraction . . . . .	2	350	41	4 051	256 529	2 308	4 263	130 626	3 041 784	681 470	2 873 813	849 441
211112	Natural gas liquid extraction . . . . .	1	20	6	331	18 334	291	591	16 417	273 949	581 035	801 205	53 779
212	Mining (except oil and gas) . . . . .	-	189	41	4 482	221 523	3 622	7 543	176 073	862 144	391 546	1 117 250	136 440
2121	Coal mining . . . . .	-	15	11	1 934	115 607	1 592	3 517	92 979	452 366	187 510	608 535	31 341
21211	Coal mining . . . . .	-	15	11	1 934	115 607	1 592	3 517	92 979	452 366	187 510	608 535	31 341
212111	Bituminous coal and lignite surface mining . . . . .	-	8	5	674	38 320	551	1 177	32 468	147 463	62 774	204 527	5 710
212112	Bituminous coal underground mining . . . . .	-	7	6	1 260	77 287	1 041	2 340	60 511	304 903	124 736	404 008	25 631
2122	Metal ore mining . . . . .	2	41	5	940	45 277	802	1 513	36 887	169 076	96 232	212 987	52 321
21222	Gold ore and silver ore mining . . . . .	3	29	3	513	24 771	470	962	22 697	100 571	D	111 155	D
212221	Gold ore mining . . . . .	3	28	3	f	D	D	D	D	D	D	D	D
212222	Silver ore mining . . . . .	9	1	-	a	D	D	D	D	D	D	D	D
21223	Copper, nickel, lead, and zinc mining . . . . .	9	2	-	b	D	D	D	D	D	D	D	D
212234	Copper ore and nickel ore mining . . . . .	9	2	-	b	D	D	D	D	D	D	D	D
21229	Other metal ore mining . . . . .	-	10	2	e	D	D	D	D	D	D	D	D
212291	Uranium-radium-vanadium ore mining . . . . .	4	3	1	b	D	D	D	D	D	D	D	D
212299	All other metal ore mining . . . . .	-	7	1	e	D	D	D	D	D	D	D	D
2123	Nonmetallic mineral mining and quarrying . . . . .	1	133	25	1 608	60 639	1 228	2 513	46 207	240 702	107 804	295 728	52 778
21231	Stone mining and quarrying . . . . .	-	57	8	730	28 232	595	1 208	23 275	124 340	D	155 079	D
212311	Dimension stone mining and quarrying . . . . .	-	5	1	70	2 338	59	104	1 822	5 606	D	6 450	D
212312	Crushed and broken limestone mining and quarrying . . . . .	1	11	2	168	4 966	115	237	3 348	17 901	D	18 467	D
212313	Crushed and broken granite mining and quarrying . . . . .	-	16	3	204	9 020	177	399	8 062	40 960	23 150	59 051	5 059
212319	Other crushed and broken stone mining and quarrying . . . . .	-	25	2	288	11 908	244	468	10 043	59 873	16 526	71 111	5 288
21232	Sand, gravel, clay, and ceramic, and refractory minerals mining and quarrying . . . . .	2	62	13	611	20 483	467	943	15 739	67 465	D	84 079	D
212321	Construction sand and gravel mining . . . . .	3	59	13	585	19 711	446	894	15 168	61 825	25 459	76 708	10 576
212322	Industrial sand mining . . . . .	-	1	-	a	D	D	D	D	D	D	D	D
212325	Clay and ceramic and refractory minerals mining . . . . .	9	2	-	a	D	D	D	D	D	D	D	D
21239	Other nonmetallic mineral mining and quarrying . . . . .	-	14	4	267	11 924	166	362	7 193	48 897	D	56 570	D
212391	Potash, soda, and borate mineral mining . . . . .	-	4	2	c	D	D	D	D	D	D	D	D
212393	Other chemical and fertilizer mineral mining . . . . .	9	1	-	a	D	D	D	D	D	D	D	D
212399	All other nonmetallic mineral mining . . . . .	2	9	2	b	D	D	D	D	D	D	D	D
213	Support activities for mining . . . . .	4	391	44	4 584	190 068	3 483	6 905	143 580	477 481	176 016	550 613	102 884
2131	Support activities for mining . . . . .	4	391	44	4 584	190 068	3 483	6 905	143 580	477 481	176 016	550 613	102 884
21311	Support activities for mining . . . . .	4	391	44	4 584	190 068	3 483	6 905	143 580	477 481	176 016	550 613	102 884
213111	Drilling oil and gas wells . . . . .	4	74	15	1 961	78 850	1 610	3 178	60 885	195 626	101 916	247 255	50 287
213112	Support activities for oil and gas operations . . . . .	5	285	25	2 284	94 622	1 592	3 185	70 731	252 464	63 518	270 449	45 533
213113	Support activities for coal mining . . . . .	3	6	1	44	2 018	30	66	1 322	4 270	1 633	4 594	1 309

See footnotes at end of table.

**Table 1. Industry Statistics for the State or Offshore Areas: 2002—Con.**

[Offshore areas refer to those areas not associated with a state. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			Total	With 20 employees or more	For pay period including March 12 <sup>3</sup>	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
<b>21</b>	<b>COLORADO—Con.</b>												
213	Mining—Con.												
2131	Support activities for mining—Con.												
21311	Support activities for mining—Con.												
213114	Support activities for metal mining . . . . .	9	14	2	121	8 899	93	196	5 484	14 709	5 481	15 454	4 736
213115	Support activities for nonmetallic minerals (except fuels) mining . . . . .	1	12	1	174	5 679	158	280	5 158	10 412	3 468	12 861	1 019

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments of companies with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Detailed Statistics for the State or Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>COLORADO</b>	
Companies <sup>1</sup> .....	number.. 903
All establishments <sup>2</sup> .....	number.. 950
Establishments with 0 to 19 employees .....	number.. 818
Establishments with 20 to 99 employees .....	number.. 106
Establishments with 100 employees or more .....	number.. 26
All employees for pay period including March 12 .....	number.. 13 448
Total compensation .....	\$1,000.. 859 880
Annual payroll .....	\$1,000.. 686 454
Annual fringe benefits not included in payroll .....	\$1,000.. 173 426
Production, development, and exploration workers for pay period including March 12 .....	number.. 9 704
Production, development, and exploration worker annual hours .....	1,000.. 19 302
Production, development, and exploration worker annual wages .....	\$1,000.. 466 696
Total cost of supplies .....	\$1,000.. 1 830 067
Supplies used, minerals received, and purchased machinery installed .....	\$1,000.. 1 311 726
Resales .....	\$1,000.. 51 617
Purchased fuels consumed .....	\$1,000.. 75 919
Purchased electricity .....	\$1,000.. 105 048
Contract work .....	\$1,000.. 285 757
Quantity of electricity purchased .....	1,000 kWh.. 2 234 908
Quantity of electricity generated less sold .....	1,000 kWh.. 201
Total other expenses .....	\$1,000.. 217 635
Response coverage ratio <sup>3</sup> .....	percent.. 62
Communications services .....	\$1,000.. 10 292
Legal services .....	\$1,000.. 11 342
Accounting, auditing, and bookkeeping services .....	\$1,000.. 6 775
Advertising and promotional services .....	\$1,000.. 3 450
All other expenses (not included above) .....	\$1,000.. 185 776
Total value of shipments and receipts for services .....	\$1,000.. 5 342 881
Value of resales .....	\$1,000.. 58 212
Value added .....	\$1,000.. 4 655 358
Total inventories, end of 2001 .....	\$1,000.. 159 579
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 89 684
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 69 895
Total inventories, end of 2002 .....	\$1,000.. 190 295
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 118 504
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 71 791
Capital expenditures (except land and mineral rights) .....	\$1,000.. 1 142 544
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	\$1,000.. 386 224
Capital expenditures for mineral exploration and development <sup>4</sup> .....	\$1,000.. 756 320
Capital expenditures for mineral land and rights <sup>5</sup> .....	\$1,000.. 2 047
Total rental payments during year .....	\$1,000.. 114 799
Buildings and other structures .....	\$1,000.. 28 358
Machinery and equipment .....	\$1,000.. 86 441

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

<sup>4</sup>Excludes data for support activities for mining subsector and natural gas liquid extraction industries where data were not collected.

<sup>5</sup>Excludes data for support activities for mining subsector and oil and gas extraction industries where data were not collected.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 3. Industry Statistics by Type of Operation for the State or Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Geographic area and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
<b>COLORADO</b>									
Sector 21, Mining									
All establishments .....	950	132	13 448	686 454	9 704	19 302	466 696	4 655 358	5 342 881
Producing establishments .....	945	132	13 431	685 636	9 699	19 291	466 441	4 655 358	5 342 881
Mines or wells only .....	376	49	4 830	297 402	2 973	5 654	165 072	3 199 686	3 103 019
Underground mines .....	4	1	c	D	D	D	D	D	D
Open-pit mines .....	24	7	f	D	D	D	D	D	D
Combination mines, well operations, or other types of mines .....	348	41	4 050	256 354	2 312	4 271	130 830	3 048 202	2 883 014
Mines with preparation plants .....	82	21	2 750	139 303	2 234	4 818	111 365	582 789	710 924
Underground mines .....	7	5	g	D	D	D	D	D	D
Open-pit mines .....	73	14	1 547	67 393	1 317	2 734	60 213	298 711	358 206
Combination mines or other types of mines .....	2	2	c	D	D	D	D	D	D
Separately operated preparation plants .....	22	8	412	20 273	369	745	18 286	282 360	816 411
Undistributed <sup>2</sup> .....	465	54	5 439	228 658	4 123	8 074	171 718	590 523	712 527
Nonproducing establishments .....	5	—	17	818	5	11	255	—	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.