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2002 Economic Census

Mining

Geographic Area Series



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U.S. Department of Commerce
Economics and Statistics Administration
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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 ¹	All establishments ²		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 ³	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
21	MONTANA												
	Mining	1	266	31	4 622	227 513	4 029	8 003	198 889	1 060 277	329 283	1 226 555	163 005
211	Oil and gas extraction	1	83	7	484	21 931	358	669	15 881	335 778	51 304	331 705	55 377
2111	Oil and gas extraction . . .	1	83	7	484	21 931	358	669	15 881	335 778	51 304	331 705	55 377
21111	Oil and gas extraction . . .	1	83	7	484	21 931	358	669	15 881	335 778	51 304	331 705	55 377
211111	Crude petroleum and natural gas extraction	1	81	6	e	D	D	D	D	D	D	D	D
211112	Natural gas liquid extraction	-	2	1	b	D	D	D	D	D	D	D	D
212	Mining (except oil and gas)	1	59	13	3 129	169 162	2 870	5 721	153 219	609 583	238 644	768 576	79 651
2121	Coal mining	-	6	4	752	40 746	667	1 436	34 945	245 015	98 127	332 325	10 817
21211	Coal mining	-	6	4	752	40 746	667	1 436	34 945	245 015	98 127	332 325	10 817
212111	Bituminous coal and lignite surface mining	-	6	4	752	40 746	667	1 436	34 945	245 015	98 127	332 325	10 817
2122	Metal ore mining	1	15	5	1 992	113 227	1 893	3 699	106 022	311 284	D	360 788	D
21221	Iron ore mining	3	2	-	a	D	D	D	D	D	D	D	D
212210	Iron ore mining	3	2	-	a	D	D	D	D	D	D	D	D
21222	Gold ore and silver ore mining	5	9	3	e	D	D	D	D	D	D	D	D
212221	Gold ore mining	5	9	3	e	D	D	D	D	D	D	D	D
21223	Copper, nickel, lead, and zinc mining	-	1	-	a	D	D	D	D	-	-	-	-
212234	Copper ore and nickel ore mining	-	1	-	a	D	D	D	D	-	-	-	-
21229	Other metal ore mining	-	3	2	g	D	D	D	D	D	D	D	D
212299	All other metal ore mining	-	3	2	g	D	D	D	D	D	D	D	D
2123	Nonmetallic mineral mining and quarrying	2	38	4	385	15 189	310	586	12 252	53 284	D	75 463	D
21231	Stone mining and quarrying	2	6	-	b	D	D	D	D	D	D	D	D
212311	Dimension stone mining and quarrying	-	1	-	a	D	D	D	D	D	D	D	D
212312	Crushed and broken limestone mining and quarrying	4	3	-	a	D	D	D	D	D	D	D	D
212319	Other crushed and broken stone mining and quarrying	2	2	-	b	D	D	D	D	D	D	D	D
21232	Sand, gravel, clay, and refractory minerals mining and quarrying	8	25	1	c	D	D	D	D	D	D	D	D
212321	Construction sand and gravel mining	8	25	1	c	D	D	D	D	D	D	D	D
21239	Other nonmetallic mineral mining and quarrying	1	7	3	c	D	D	D	D	D	D	D	D
212392	Phosphate rock mining	9	1	-	a	D	D	D	D	D	D	D	-
212399	All other nonmetallic mineral mining	1	6	3	c	D	D	D	D	D	D	D	D
213	Support activities for mining	6	124	11	1 009	36 420	801	1 613	29 789	114 916	39 335	126 274	27 977
2131	Support activities for mining	6	124	11	1 009	36 420	801	1 613	29 789	114 916	39 335	126 274	27 977
21311	Support activities for mining	6	124	11	1 009	36 420	801	1 613	29 789	114 916	39 335	126 274	27 977
213111	Drilling oil and gas wells	5	25	4	258	9 912	228	454	8 656	34 545	8 620	32 814	10 351
213112	Support activities for oil and gas operations	5	84	5	532	17 770	397	803	14 280	54 154	13 476	55 671	11 959
213113	Support activities for coal mining	9	1	1	c	D	D	D	D	D	D	D	D
213114	Support activities for metal mining	7	11	1	b	D	D	D	D	D	D	D	D
213115	Support activities for nonmetallic minerals (except fuels) mining	1	3	-	b	D	D	D	D	D	D	D	D

¹Some 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.

²Includes 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
MONTANA	
Companies ¹	260
All establishments ²	266
Establishments with 0 to 19 employees	235
Establishments with 20 to 99 employees	25
Establishments with 100 employees or more	6
All employees for pay period including March 12	4 622
Total compensation	273 855
Annual payroll	227 513
Annual fringe benefits not included in payroll	46 342
Production, development, and exploration workers for pay period including March 12	4 029
Production, development, and exploration worker annual hours	8 003
Production, development, and exploration worker annual wages	198 889
Total cost of supplies	329 283
Supplies used, minerals received, and purchased machinery installed	216 255
Resales	5 155
Purchased fuels consumed	21 666
Purchased electricity	32 412
Contract work	53 795
Quantity of electricity purchased	678 650
Quantity of electricity generated less sold	-
Total other expenses	72 131
Response coverage ratio ³	74
Communications services	1 172
Legal services	4 286
Accounting, auditing, and bookkeeping services	841
Advertising and promotional services	549
All other expenses (not included above)	65 283
Total value of shipments and receipts for services	1 226 555
Value of resales	6 089
Value added	1 060 277
Total inventories, end of 2001	90 703
Mineral products, crude petroleum, and natural gas liquids inventories	54 048
Supplies, parts, fuels, etc., inventories	36 655
Total inventories, end of 2002	103 567
Mineral products, crude petroleum, and natural gas liquids inventories	64 165
Supplies, parts, fuels, etc., inventories	39 402
Capital expenditures (except land and mineral rights)	163 005
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	67 928
Capital expenditures for mineral exploration and development ⁴	95 077
Capital expenditures for mineral land and rights ⁵	D
Total rental payments during year	19 367
Buildings and other structures	5 971
Machinery and equipment	13 396

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

²Includes establishments with payroll at any time during the year.

³A 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.

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

⁵Excludes 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 ¹		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)		
MONTANA									
Sector 21, Mining									
All establishments	266	31	4 622	227 513	4 029	8 003	198 889	1 060 277	1 226 555
Producing establishments	266	31	4 622	227 513	4 029	8 003	198 889	1 060 277	1 226 555
Mines or wells only	86	7	518	22 988	385	728	16 962	340 782	336 709
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	5	1	b	D	D	D	D	D	D
Combination mines, well operations, or other types of mines	81	6	e	D	D	D	D	D	D
Mines with preparation plants	20	7	h	D	D	D	D	D	D
Underground mines	1	1	g	D	D	D	D	D	D
Open-pit mines	18	5	925	47 451	813	1 710	40 980	265 424	360 563
Combination mines or other types of mines	1	1	b	D	D	D	D	D	D
Separately operated preparation plants	2	1	b	D	D	D	D	D	D
Undistributed ²	158	16	1 418	55 043	1 138	2 286	44 899	171 560	216 529
Nonproducing establishments	—	—	—	—	—	—	—	—	—

¹Includes establishments with payroll at any time during the year.

²Includes 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.