

Arizona: 2002

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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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CONTENTS

Introduction to the Economic Census	v
Mining.....	ix
Tables	
1. Industry Statistics for the State or Offshore Areas: 2002	1
2. Detailed Statistics for the State or Offshore Areas: 2002	3
3. Industry Statistics by Type of Operation for the State or Offshore Areas: 2002.....	4
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--

-- 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	ARIZONA												
	Mining	3	186	47	8 563	354 783	7 137	14 102	286 603	1 517 894	834 870	2 180 922	171 842
211	Oil and gas extraction	8	17	-	34	1 212	23	29	664	8 027	3 339	10 073	1 293
2111	Oil and gas extraction ...	8	17	-	34	1 212	23	29	664	8 027	3 339	10 073	1 293
21111	Oil and gas extraction .	8	17	-	34	1 212	23	29	664	8 027	3 339	10 073	1 293
211111	Crude petroleum and natural gas extraction	8	16	-	b	D	D	D	D	D	D	D	D
211112	Natural gas liquid extraction	9	1	-	a	D	D	D	D	D	D	D	D
212	Mining (except oil and gas)	3	134	41	7 976	332 006	6 702	13 266	270 496	1 457 410	806 172	2 100 776	162 806
2121	Coal mining	-	3	2	f	D	D	D	D	D	D	D	D
21211	Coal mining	-	3	2	f	D	D	D	D	D	D	D	D
212111	Bituminous coal and lignite surface mining	-	3	2	f	D	D	D	D	D	D	D	D
2122	Metal ore mining	3	22	10	i	D	D	D	D	D	D	D	D
21222	Gold ore and silver ore mining	9	1	-	a	D	D	D	D	D	D	D	-
212221	Gold ore mining	9	1	-	a	D	D	D	D	D	D	D	-
21223	Copper, nickel, lead, and zinc mining	3	20	10	i	D	D	D	D	D	D	D	D
212234	Copper ore and nickel ore mining ..	3	20	10	i	D	D	D	D	D	D	D	D
21229	Other metal ore mining	9	1	-	a	D	D	D	D	D	D	D	D
212299	All other metal ore mining	9	1	-	a	D	D	D	D	D	D	D	D
2123	Nonmetallic mineral mining and quarrying...	2	109	29	1 660	52 076	1 184	2 253	37 396	177 795	D	219 740	D
21231	Stone mining and quarrying	3	33	12	737	23 932	547	1 005	15 893	67 490	D	85 945	D
212311	Dimension stone mining and quarrying	1	8	3	250	5 227	200	367	4 350	12 036	D	16 074	D
212312	Crushed and broken limestone mining and quarrying	1	10	3	231	6 947	181	304	5 105	18 014	6 017	20 163	3 868
212313	Crushed and broken granite mining and quarrying	4	6	3	107	6 487	62	145	2 765	20 059	9 732	27 883	1 908
212319	Other crushed and broken stone mining and quarrying	6	9	3	149	5 271	104	189	3 673	17 381	6 772	21 825	2 328
21232	Sand, gravel, clay, and refractory minerals mining and quarrying.	2	63	16	855	26 100	591	1 156	20 055	102 983	42 351	125 018	20 316
212321	Construction sand and gravel mining .	2	59	14	801	24 716	547	1 080	18 971	96 766	39 446	116 425	19 787
212322	Industrial sand mining	-	1	1	b	D	D	D	D	D	D	D	D
212325	Clay and ceramic and refractory minerals mining ...	-	3	1	b	D	D	D	D	D	D	D	D
21239	Other nonmetallic mineral mining and quarrying	3	13	1	68	2 044	46	92	1 448	7 322	D	8 777	D
212392	Phosphate rock mining	9	1	-	a	D	D	D	D	D	D	D	D
212393	Other chemical and fertilizer mineral mining	-	1	-	a	D	D	D	D	D	D	D	D
212399	All other nonmetallic mineral mining	3	11	1	b	D	D	D	D	D	D	D	D
213	Support activities for mining	2	35	6	553	21 565	412	807	15 443	52 457	25 359	70 073	7 743
2131	Support activities for mining	2	35	6	553	21 565	412	807	15 443	52 457	25 359	70 073	7 743
21311	Support activities for mining	2	35	6	553	21 565	412	807	15 443	52 457	25 359	70 073	7 743
213111	Drilling oil and gas wells	9	3	-	a	D	D	D	D	D	D	D	D
213112	Support activities for oil and gas operations	4	16	3	201	6 267	158	301	4 941	17 879	4 330	19 294	2 915
213113	Support activities for coal mining	-	3	1	c	D	D	D	D	D	D	D	D
213114	Support activities for metal mining	2	9	2	165	6 101	125	248	4 705	15 348	13 994	28 249	1 093
213115	Support activities for nonmetallic minerals (except fuels) mining	-	4	-	b	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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
ARIZONA	
Companies ¹	166
All establishments ²	186
Establishments with 0 to 19 employees	139
Establishments with 20 to 99 employees	34
Establishments with 100 employees or more	13
All employees for pay period including March 12	8 563
Total compensation	484 030
Annual payroll	354 783
Annual fringe benefits not included in payroll	129 247
Production, development, and exploration workers for pay period including March 12	7 137
Production, development, and exploration worker annual hours	14 102
Production, development, and exploration worker annual wages	286 603
Total cost of supplies	834 870
Supplies used, minerals received, and purchased machinery installed	466 359
Resales	5 099
Purchased fuels consumed	73 224
Purchased electricity	158 475
Contract work	131 713
Quantity of electricity purchased	3 757 839
Quantity of electricity generated less sold	D
Total other expenses	85 567
Response coverage ratio ³	85
Communications services	1 557
Legal services	5 237
Accounting, auditing, and bookkeeping services	437
Advertising and promotional services	246
All other expenses (not included above)	78 090
Total value of shipments and receipts for services	2 180 922
Value of resales	5 602
Value added	1 517 894
Total inventories, end of 2001	273 002
Mineral products, crude petroleum, and natural gas liquids inventories	159 454
Supplies, parts, fuels, etc., inventories	113 548
Total inventories, end of 2002	212 335
Mineral products, crude petroleum, and natural gas liquids inventories	122 858
Supplies, parts, fuels, etc., inventories	89 477
Capital expenditures (except land and mineral rights)	171 842
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	170 832
Capital expenditures for mineral exploration and development ⁴	1 010
Capital expenditures for mineral land and rights ⁵	2 916
Total rental payments during year	40 897
Buildings and other structures	4 940
Machinery and equipment	35 957

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)		
ARIZONA									
Sector 21, Mining									
All establishments	186	47	8 563	354 783	7 137	14 102	286 603	1 517 894	2 180 922
Producing establishments	186	47	8 563	354 783	7 137	14 102	286 603	1 517 894	2 180 922
Mines or wells only	45	8	h	D	D	D	D	D	D
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	28	7	h	D	D	D	D	D	D
Combination mines, well operations, or other types of mines	17	1	105	3 887	95	138	3 350	16 471	26 024
Mines with preparation plants	69	28	h	D	D	D	D	D	D
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	66	26	4 048	173 385	3 146	6 207	128 657	866 726	1 160 123
Combination mines or other types of mines	3	2	f	D	D	D	D	D	D
Separately operated preparation plants	1	—	a	D	D	D	D	D	D
Undistributed ²	71	11	797	30 187	603	1 190	22 128	77 623	105 575
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.