

Pennsylvania: 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 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)				
PENNSYLVANIA													
21	Mining	2	886	180	16 059	710 567	12 933	27 238	565 049	2 728 983	1 100 570	3 408 913	420 640
211	Oil and gas extraction	5	152	21	1 640	81 435	1 010	1 892	44 547	577 947	134 558	582 962	129 543
2111	Oil and gas extraction	5	152	21	1 640	81 435	1 010	1 892	44 547	577 947	134 558	582 962	129 543
21111	Oil and gas extraction .	5	152	21	1 640	81 435	1 010	1 892	44 547	577 947	134 558	582 962	129 543
211111	Crude petroleum and natural gas extraction	6	145	21	g	D	D	D	D	D	D	D	128 957
211112	Natural gas liquid extraction	-	7	-	b	D	D	D	D	D	D	D	586
212	Mining (except oil and gas)	1	526	116	11 394	518 412	9 597	20 774	438 870	1 881 107	867 141	2 494 191	254 057
2121	Coal mining	1	218	60	7 479	363 055	6 482	14 249	317 747	1 336 187	634 552	1 776 209	194 530
21211	Coal mining	1	218	60	7 479	363 055	6 482	14 249	317 747	1 336 187	634 552	1 776 209	194 530
212111	Bituminous coal and lignite surface mining	3	119	23	1 718	70 384	1 362	2 830	52 699	215 516	144 944	339 202	21 258
212112	Bituminous coal underground mining	-	36	26	4 965	266 671	4 520	10 238	246 466	1 052 171	427 993	1 313 287	166 877
212113	Anthracite mining	6	63	11	796	26 000	600	1 181	18 582	68 500	61 615	123 720	6 395
2122	Metal ore mining	9	7	-	17	773	14	28	590	2 221	1 212	3 125	308
21221	Iron ore mining	9	1	-	a	D	D	D	D	D	D	D	D
212210	Iron ore mining	9	1	-	a	D	D	D	D	D	D	D	D
21222	Gold ore and silver ore mining	9	3	-	4	137	3	4	104	308	D	515	D
212221	Gold ore mining	9	3	-	4	137	3	4	104	308	D	515	D
21229	Other metal ore mining	9	3	-	a	D	D	D	D	D	D	D	106
212299	All other metal ore mining	9	3	-	a	D	D	D	D	D	D	D	106
2123	Nonmetallic mineral mining and quarrying	2	301	56	3 898	154 584	3 101	6 497	120 533	542 699	231 377	714 857	59 219
21231	Stone mining and quarrying	1	172	48	2 973	120 786	2 379	5 028	94 017	444 657	187 865	584 270	48 252
212311	Dimension stone mining and quarrying	4	19	2	135	4 078	116	211	3 316	9 070	4 009	12 207	872
212312	Crushed and broken limestone mining and quarrying	1	109	37	2 193	84 400	1 782	3 760	66 910	312 026	132 044	415 434	28 636
212313	Crushed and broken granite mining and quarrying	4	6	4	196	10 194	155	354	8 486	33 348	13 423	42 994	3 777
212319	Other crushed and broken stone mining and quarrying	1	38	5	449	22 114	326	703	15 305	90 213	38 389	113 635	14 967
21232	Sand, gravel, clay, and refractory minerals mining and quarrying	3	121	8	896	32 774	703	1 431	25 852	92 543	41 543	123 788	10 298
212321	Construction sand and gravel mining	3	113	6	775	27 949	611	1 218	22 336	77 107	35 389	105 045	7 451
212322	Industrial sand mining	-	3	1	b	D	D	D	D	D	D	D	D
212325	Clay and ceramic and refractory minerals mining	2	5	1	b	D	D	D	D	D	D	D	D
21239	Other nonmetallic mineral mining and quarrying	2	8	-	29	1 024	19	38	664	5 499	1 969	6 799	669
212392	Phosphate rock mining	9	1	-	a	D	D	D	D	D	D	D	D
212399	All other nonmetallic mineral mining	2	7	-	b	D	D	D	D	D	D	D	D
213	Support activities for mining	3	208	43	3 025	110 720	2 326	4 572	81 632	269 929	98 871	331 760	37 040
2131	Support activities for mining	3	208	43	3 025	110 720	2 326	4 572	81 632	269 929	98 871	331 760	37 040
21311	Support activities for mining	3	208	43	3 025	110 720	2 326	4 572	81 632	269 929	98 871	331 760	37 040
213111	Drilling oil and gas wells	3	48	14	789	31 751	623	1 207	24 130	84 887	30 220	101 844	13 263
213112	Support activities for oil and gas operations	4	80	10	1 007	36 267	774	1 516	27 589	86 601	26 971	105 208	8 364
213113	Support activities for coal mining	3	65	15	996	35 360	777	1 536	25 590	80 747	33 126	101 253	12 620
213114	Support activities for metal mining	9	1	-	a	D	D	D	D	D	D	D	D
213115	Support activities for nonmetallic minerals (except fuels) mining	3	14	4	c	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
PENNSYLVANIA	
Companies ¹	771
All establishments ²	886
Establishments with 0 to 19 employees	706
Establishments with 20 to 99 employees	159
Establishments with 100 employees or more	21
All employees for pay period including March 12	16 059
Total compensation	922 026
Annual payroll	710 567
Annual fringe benefits not included in payroll	211 459
Production, development, and exploration workers for pay period including March 12	12 933
Production, development, and exploration worker annual hours	27 238
Production, development, and exploration worker annual wages	565 049
Total cost of supplies	1 100 570
Supplies used, minerals received, and purchased machinery installed	781 163
Resales	44 095
Purchased fuels consumed	56 894
Purchased electricity	90 765
Contract work	127 653
Quantity of electricity purchased	1 710 146
Quantity of electricity generated less sold	4 107
Total other expenses	335 908
Response coverage ratio ³	63
Communications services	4 116
Legal services	3 957
Accounting, auditing, and bookkeeping services	3 425
Advertising and promotional services	1 121
All other expenses (not included above)	323 289
Total value of shipments and receipts for services	3 408 913
Value of resales	49 550
Value added	2 728 983
Total inventories, end of 2001	196 543
Mineral products, crude petroleum, and natural gas liquids inventories	135 658
Supplies, parts, fuels, etc., inventories	60 885
Total inventories, end of 2002	214 176
Mineral products, crude petroleum, and natural gas liquids inventories	141 034
Supplies, parts, fuels, etc., inventories	73 142
Capital expenditures (except land and mineral rights)	420 640
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	300 624
Capital expenditures for mineral exploration and development ⁴	120 016
Capital expenditures for mineral land and rights ⁵	2 544
Total rental payments during year	76 950
Buildings and other structures	11 052
Machinery and equipment	65 898

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)		
PENNSYLVANIA									
Sector 21, Mining									
All establishments	886	180	16 059	710 567	12 933	27 238	565 049	2 728 983	3 408 913
Producing establishments	882	180	16 047	710 179	12 930	27 233	564 934	2 729 013	3 408 913
Mines or wells only	333	48	4 714	221 616	3 552	7 450	162 931	1 047 344	1 183 443
Underground mines	21	11	1 626	83 789	1 395	3 223	75 419	389 205	459 106
Open-pit mines	165	14	1 438	56 264	1 141	2 310	42 803	137 020	214 268
Combination mines, well operations, or other types of mines	147	23	1 650	81 563	1 016	1 917	44 709	521 119	510 069
Mines with preparation plants	244	82	7 648	352 662	6 555	14 156	301 592	1 282 843	1 694 051
Underground mines	22	19	3 561	190 120	3 318	7 422	177 444	688 152	889 397
Open-pit mines	213	58	3 758	150 807	2 921	6 036	112 994	558 402	745 562
Combination mines or other types of mines	9	5	329	11 735	316	698	11 154	36 289	59 092
Separately operated preparation plants	14	4	266	10 389	201	435	7 751	89 702	150 581
Undistributed ²	291	46	3 419	125 512	2 622	5 192	92 660	309 124	380 838
Nonproducing establishments	4	—	12	388	3	5	115	—30	—

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.