

Kaolin and Ball Clay Mining: 2002

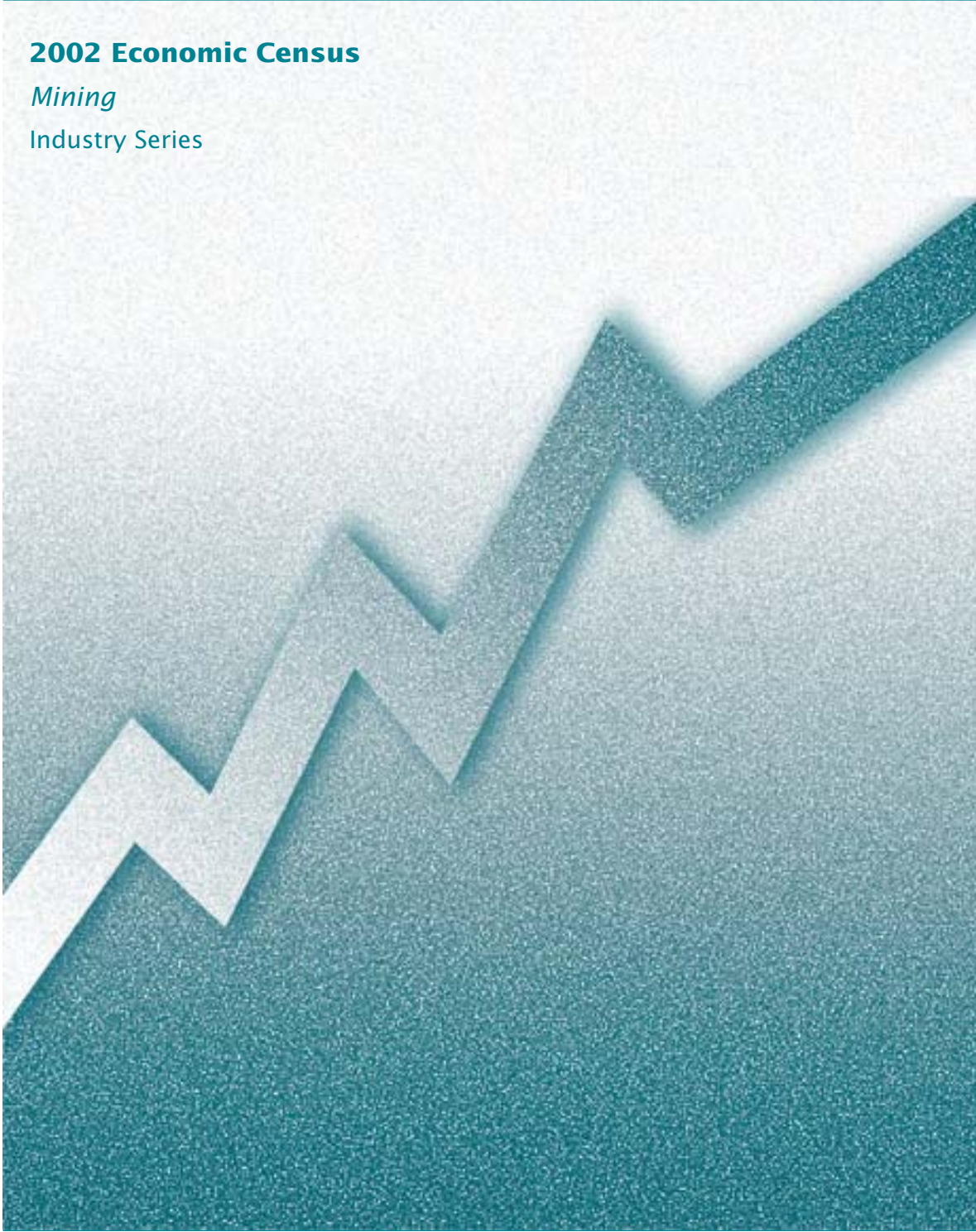
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2002 Economic Census

Mining

Industry 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. Historical Statistics for the Industry: 2002 and 1997

[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]

Industry and year	Com-panies ¹	All estab-lish-ments 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 expendi-tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212324, Kaolin and ball clay mining 2002..	24	33	3 166	139 113	2 365	5 183	101 396	608 016	331 921	909 974	29 963
1997..	22	35	3 630	146 258	2 621	5 819	93 557	644 846	370 940	938 438	77 348

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.

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. Industry Statistics for Selected States and Offshore Areas: 2002

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212324, Kaolin and ball clay mining												
United States.....	—	33	25	3 166	139 113	2 365	5 183	101 396	608 016	331 921	909 974	29 963
Georgia	—	17	16	2 574	117 060	1 918	4 186	86 710	542 132	294 497	810 185	26 444
South Carolina	—	3	3	120	3 947	105	220	3 357	8 941	5 140	13 866	215

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 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 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. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[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
212324, Kaolin and ball clay mining	
Companies ¹	24
All establishments ²	33
Establishments with 0 to 19 employees	8
Establishments with 20 to 99 employees	15
Establishments with 100 employees or more	10
All employees for pay period including March 12	3 166
Total compensation	193 487
Annual payroll	139 113
Annual fringe benefits not included in payroll	54 374
Production, development, and exploration workers for pay period including March 12	2 365
Production, development, and exploration worker annual hours	5 183
Production, development, and exploration worker annual wages	101 396
Total cost of supplies	331 921
Supplies used, minerals received, and purchased machinery installed	190 928
Resales	D
Purchased fuels consumed	60 223
Purchased electricity	40 879
Contract work	D
Quantity of electricity purchased	1 002 681
Quantity of electricity generated less sold	-
Total other expenses	60 791
Response coverage ratio ³	91
Communications services	1 279
Legal services	1 031
Accounting, auditing, and bookkeeping services	401
Advertising and promotional services	232
All other expenses (not included above)	57 848
Total value of shipments and receipts for services	909 974
Primary products value of shipments	879 969
Secondary products value of shipments and receipts for services	D
Value of resales	D
Value of primary products shipments or services produced in all industries	883 522
Value of primary products shipments or services produced in this industry	879 969
Value of primary products shipments or services produced in other industries	3 553
Value added	608 016
Total inventories, end of 2001	91 071
Mineral products, crude petroleum, and natural gas liquids inventories	69 670
Supplies, parts, fuels, etc., inventories	21 401
Total inventories, end of 2002	105 704
Mineral products, crude petroleum, and natural gas liquids inventories	83 101
Supplies, parts, fuels, etc., inventories	22 603
Gross book value of depreciable/depletable assets at beginning of year	1 281 569
Capital expenditures (except land and mineral rights)	29 963
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	D
Capital expenditures for mineral exploration and development	D
Capital expenditures for mineral land and rights	1 928
Deductions from depreciable/depletable assets during year	10 220
Gross book value of depreciable/depletable assets at end of year	1 303 240
Total depreciation/depletion charges during year	56 918
Total rental payments during year	7 064
Buildings and other structures	1 181
Machinery and equipment	5 883
Lease rents	4 030
Expensed mineral exploration, development, land, and rights	7 931

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.

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 4. Industry Statistics by Employment Size: 2002

[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]

Employment size class	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)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212324, Kaolin and ball clay mining											
All establishments	—	33	3 166	139 113	2 365	5 183	101 396	608 016	331 921	909 974	29 963
Establishments with—											
0 to 4 employees	9	1	a	D	D	D	D	D	D	D	D
5 to 9 employees	—	1	a	D	D	D	D	D	D	D	D
10 to 19 employees	2	6	78	2 717	58	115	1 790	8 440	6 753	14 826	367
20 to 49 employees	—	5	162	5 062	126	271	3 604	17 739	8 233	25 408	564
50 to 99 employees	—	10	661	26 780	542	1 174	20 846	134 899	72 904	197 697	10 106
100 to 249 employees	—	8	1 399	64 301	1 170	2 657	51 973	375 299	191 917	550 637	16 579
250 to 499 employees	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	—	—	—	—	—	—	—	—	—	—	—

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 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 with payroll at any time during the year.

³Some 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. Data are also included in respective size classes shown.

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 5. Industry Statistics by Type of Operation: 2002

[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]

Industry 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)		
212324, Kaolin and ball clay mining									
All establishments	33	25	3 166	139 113	2 365	5 183	101 396	608 016	909 974
Producing establishments	33	25	3 166	139 113	2 365	5 183	101 396	608 016	909 974
Mines or wells only	6	3	243	10 474	166	370	6 730	29 962	46 464
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	6	3	243	10 474	166	370	6 730	29 962	46 464
Combination mines, well operations, or other types of mines	—	—	—	—	—	—	—	—	—
Mines with preparation plants	22	21	2 693	117 908	2 034	4 499	87 097	516 409	793 064
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	22	21	2 693	117 908	2 034	4 499	87 097	516 409	793 064
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	5	—	—	—	—	—	—	—	—
Undistributed ²	—	1	230	10 731	165	314	7 569	61 645	70 446
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.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. 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]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services		
			Quantity	Value (\$1,000)	
212324	Kaolin and ball clay mining.....	2002..	X	X	883 522
		1997..	X	X	893 021
2123240	Kaolin and ball clay	2002..	X	X	883 522
21232402	Kaolin and ball clay	2002..	X	X	893 021
		1997..	X	X	861 042
2123240212	Kaolin..... 1,000 metric tons ..	2002..	X	9 307.5	830 517
		1997..	X	N	N
2123240222	Ball clay..... 1,000 metric tons ..	2002..	X	9797.5	30 525
		1997..	X	N	N
2123240Y	Kaolin and ball clay, nsk.....	2002..	X	X	22 480
		1997..	X	X	N
2123240YWT	Kaolin and ball clay, nsk.....	2002..	X	X	22 480
		1997..	X	X	-

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

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 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. 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]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212324	Kaolin and ball clay mining		
	Supplies consumed by type		
21232013	Crude clay, ceramic, and refractory minerals, received for preparation 2002..	X	D
	1997..	X	3 468
21232015	Crude clay, ceramic, and refractory minerals, mined and prepared at same establishment 1,000 metric tons 2002..	12 993.8	X
	1997..	9 027.3	X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002..	X	11 518
	1997..	X	55 456
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002..	X	38 073
	1997..	X	27 366
32500073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories 2002..	X	59 114
	1997..	X	68 189
33120059	Steel shapes and forms (excluding castings and forgings) 2002..	X	D
	1997..	X	D
00970098	All other supplies 2002..	X	D
	1997..	X	49 718
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002..	X	13 020
	1997..	X	D
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel 1,000 s tons 2002..	D	D
	1997..	D	D
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002..	P47.8	2 053
	1997..	D	D
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl 2002..	D	D
	1997..	D	D
21111015	Gas (natural, manufactured, and mixed) used as a fuel bil cu ft 2002..	D	D
	1997..	14.0	43 932
32411015	Gasoline used as a fuel mil gal 2002..	.3	344
	1997..	.7	805
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002..	X	548
	1997..	X	582
00974000	Undistributed fuels 2002..	X	4 843
	1997..	X	2 403

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

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.