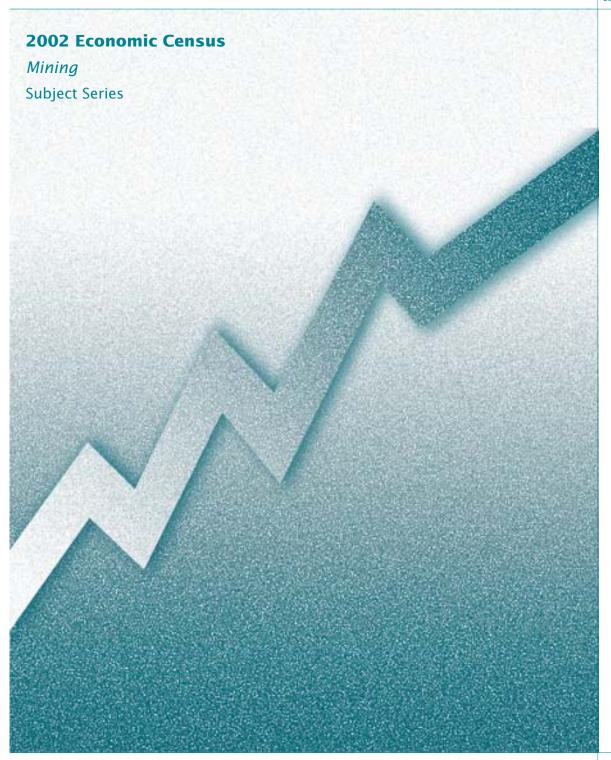
Industry-Product Analysis Summary: 2002

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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-Product Analysis - Industry Shipments by Product and Receipts for Services: 2002

[This table presents the variety of products shipped and receipts for services from each mining industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products or have receipts for services not classified in their industry. The first six-digits of these product or service codes are not the same as the industry code and are referred to as secondary products or receipts for services. Data for products and receipts for services with a value of less than \$5 million are not listed separately. These data are included in the "All other products or services" lines. 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	Product or service code	Industry and product or service	Total value of shipments and receipts for services (\$1,000)	Value of product shipments or receipts for services (\$1,000)	Product shipments or receipts for services as percent of total value of shipments and receipts for services
211111	211111 2111111 2111113 21111112 2111112 211112 211112 211112 2131110 213111 2131110 213112 213112 213112 325120 3251204 325120 3251204 325311 3253111 399890 999890 999998	Crude petroleum and natural gas extraction Crude petroleum and natural gas extraction Crude petroleum, including lease condensate (volumes corrected to 60 degrees F) shipped Natural gas Crude petroleum and natural gas extraction, nsk Natural gas liquid extraction Natural gas liquid extraction, nsk Drilling oil and gas wells. Drilling oil and gas wells. Support activities for oil and gas operations Other oil and gas sfield support activities Industrial gas manufacturing Carbon dioxide Cyclic crude and intermediate manufacturing Tar, tar crudes, and tar pitches Nitrogenous fertilizer manufacturing Synthetic ammonia, nitric acid, and ammonium compounds Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly	85 844 183 X X X X X X X X X X X X X X X X X X X	X 82 753 218 30 686 344 39 217 352 12 849 522 D D 186 829 186 829 95 234 D D D D D D D D D D D D D D D D D D D	100.00 96.40 35.75 45.68 14.97 \$ \$ \$ \$ 22 .22 .22 .22 .22 .22 .22 .22
211112	9999988 211111 2111113 211112 211112 2111124 2111124 211112W 213112 213112 3251204 999890 999890 999998	All other products or services made in this industry All other products or services made in this industry Natural gas liquid extraction Crude petroleum and natural gas extraction Natural gas liquid extraction Natural gas liquid extraction Natural gas liquides Residue gas shipped from natural gas liquids plants Recovered elemental sulfur from natural gas Natural gas liquid extraction, nsk Support activities for oil and gas operations Other oil and gas field support activities Industrial gas manufacturing Carbon dioxide Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	29 191 322 X X X X X X X X X X X X X	2 099 9 770 X 126 762 123 068 28 974 816 D 13 671 118 D 21 567 D 21 567 D D 32 518 32 518 8 541	
212111	212111 2121111 2121113 212111W 213113 2131130 999890 999890 999998 999998	Bituminous coal and lignite surface mining Bituminous coal and lignite surface mining Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations Processed bituminous coal and lignite shipped from surface operations Bituminous coal and lignite surface mining, nsk Support activities for coal mining Coal mining services Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	10 824 480 X X X X X X X X X X X X X	X 10 608 693 1 677 262 8 351 469 579 962 28 480 28 480 181 960 181 960 5 347 5 347	100.00 98.01 15.50 77.15 5.36 .26 .26 1.68 0.5
212112	211112 211112W 212112 2121121 2121121 212112W 999890 999998 999998	Bituminous coal underground mining Natural gas liquid extraction Natural gas liquid extraction Natural gas liquid extraction, nsk Bituminous coal underground mining Run-of-mine (raw) bituminous coal shipped from underground mining operations Processed bituminous coal shipped from underground mining operations Bituminous coal underground mining, nsk Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	9 658 720 X X X X X X X X X X X X X	X D D D D 702 458 74 685 74 685 5 002 5 002	100.00 S S S S S 7.27 .77 .77 .05
212113	212113 2121131 2121133 212113W 999998 9999988	Anthracite mining Anthracite mining Run-of-mine (raw) anthracite Processed anthracite Anthracite mining, nsk All other products or services made in this industry All other products or services made in this industry	123 720 X X X X X X	X 120 719 27 391 64 480 28 848 3 001 3 001	100.00 97.57 22.14 52.12 23.32 2.43 2.43
212210	212210 2122101 2122103 212210W 999890 9998900 999998 999998	Iron ore mining Iron ore mining Crude iron ore Iron ore concentrates and agglomerates Iron ore mining, nsk Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	1 770 163 X X X X X X X X X	X 1 770 163 80 190 1 680 304 9 669 - - -	100.00 100.00 4.53 94.92 .55 — —
212221	212221 2122213 2122215 212221W 999998 9999988	Gold ore mining . Gold ore mining . Gold concentrates . Gold mill bullion and placer gold . Gold ore mining , nsk All other products or services made in this industry . All other products or services made in this industry .	2 858 089 X X X X X X	2 854 524 D 2 471 359 D 3 565 3 945	100.00 99.88 S 86.47 S .12
212222	212222 2122223 2122225 2122231 2122313 999998 9999988	Silver ore mining Silver ore mining Silver concentrates Silver mill bullion and placer silver Lead ore and zinc ore mining Lead and zinc concentrates All other products or services made in this industry All other products or services made in this industry	96 119 X X X X X X X	X D D D D - 4 708	100.00 S S S S S - 4.90

Table 1. Industry-Product Analysis - Industry Shipments by Product and Receipts for Services: 2002—Con.

[This table presents the variety of products shipped and receipts for services from each mining industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products or have receipts for services not classified in their industry. The first six-digits of these product or service codes are not the same as the industry code and are referred to as secondary products or receipts for services. Data for products and receipts for services with a value of less than \$5 million are not listed separately. These data are included in the "All other products or services" lines. 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	Product or service code	Industry and product or service	Total value of shipments and receipts for services (\$1,000)	Value of product shipments or receipts for services (\$1,000)	Product shipments or receipts for services as percent of total value of shipments and receipts for services
212231	212221 2122215 212222 212222 212233 2122311 2122311 212231W 999998 9999988	Lead ore and zinc ore mining. Gold ore mining. Gold mill bullion and placer gold. Silver ore mining. Silver concentrates Lead ore and zinc ore mining. Crude lead and zinc ores. Lead and zinc concentrates Lead ore and zinc ore mining, sk. All other products or services made in this industry. All other products or services made in this industry.	456 407 X X X X X X X X X	X D D D D D D 2 761	100.00 S S S S S S S S S S S S S S S S S
212234	212221 212221 212222 212222 2122223 2122225 212234 2122341 2122345 212234W 212299 212299 213114 2131140 999998 9999988	Copper ore and nickel ore mining Gold ore mining. Gold mill bullion and placer gold. Silver ore mining. Silver one mining. Silver concentrates Silver mill bullion and placer silver Copper ore and nickel ore mining Crude copper-bearing ores Copper concentrates Copper recipitates and electrowon copper recovered from leaching operations Copper ore and nickel ore mining, nsk All other metal ore mining . Ferroalloy ores, except vanadium Support activities for metal mining Metal mining services All other products or services made in this industry All other products or services made in this industry All other products or services made in this industry	2 093 609 X X X X X X X X X X X X X	X D D D D D D D D D D D D D D D D D D D	100.00 S S S S S 40.45 S 2.02 S S S S
212291	212291 2122913 212291W 999890 9998900 999998 999998	Uranium-radium-vanadium ore mining Uranium-radium-vanadium ore mining Uranium-vanadium concentrates Uranium-radium-vanadium ore mining, nsk Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	81 283 X X X X X X X	X 81 283 75 895 5 388 - - -	100.00 100.00 93.37 6.63 — —
212299	212299 2122993 2122995 212299W 999998 999998	All other metal ore mining All other metal ore mining Ferroalloy ores, except vanadium Miscellaneous metal ores and concentrates (including antimony, beryllium, mercury, rare-earth metals, tin, and titanium) All other metal ore mining, nsk All other products or services made in this industry All other products or services made in this industry	592 639 X X X X X X	X 591 877 D D 10 972 762 762	100.00 99.87 S S 1.85 .13
212311	212311 2123110 327991 3279914 999890 999890 999998 999998	Dimension stone mining and quarrying Dimension stone mining and quarrying Dimension stone Cut stone and stone product manufacturing Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) Sales of products bought and sold without further manufacture, processing, or assembly Sales of products or services made in this industry All other products or services made in this industry All other products or services made in this industry	259 957 X X X X X X X X	237 818 237 818 237 818 D D D D 7 912 9 703	100.00 91.48 91.48 \$ \$ \$ \$ \$ \$ 3.04
212312	212311 2123110 212312 2123120 212319 212319 212319 212321 2123211 2123213 213115 213115 224121 327320 327320 327410 3273200 327410 3279914 3279914 32799199890 999890 999890 999890 999998	Crushed and broken limestone mining and quarrying	5 794 871 X X X X X X X X X X X X X X X X X X X	X D D D S 396 464 5 396 464 18 217 18 217 777 395 60 308 27 418 24 065 17 583 17 583 17 583 17 585 146 555 6 449 12 045	100.00 \$ 93.12 93.12 93.13 .31 .31 .34 .22 1.04 .47 .76 .30 .30 .30 .8 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
212313	212313 2123130 212321 2123211 2123213 999890 9999890 999998 999998	Crushed and broken granite mining and quarrying Crushed and broken granite mining and quarrying Crushed and broken granite Construction sand and gravel mining Construction sand and gravel (run of pit or bank) Construction sand and gravel (washed, screened, or otherwise treated) Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	1 939 693 X X X X X X X	1 892 968 1 892 968 1 892 968 19 103 5 579 13 524 11 323 11 323 16 299	100.00 97.59 97.59 .98 .29 .70 .58 .58 .84
212319	212319 2123190	Other crushed and broken stone mining and quarrying Other crushed and broken stone mining and quarrying Bituminous limestone, bituminous sandstone, and other crushed and broken stone	1 500 431 X X	X 1 348 012 1 348 012	100.00 89.84 89.84

Table 1. Industry-Product Analysis - Industry Shipments by Product and Receipts for Services: 2002—Con.

[This table presents the variety of products shipped and receipts for services from each mining industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products or have receipts for services not classified in their industry. The first six-digits of these product or service codes are not the same as the industry code and are referred to as secondary products or receipts for services. Data for products and receipts for services with a value of less than \$5 million are not listed separately. These data are included in the "All other products or services" lines. 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	Product or service code	Industry and product or service	Total value of shipments and receipts for services (\$1,000)	Value of product shipments or receipts for services (\$1,000)	Product shipments or receipts for services as percent of total value of shipments and receipts for services
212319	212321 2123211 2123213 213115 213115 324121 3241210 327320 3273200 999890 999890 999988 999998	Other crushed and broken stone mining and quarrying—Con. Construction sand and gravel mining Construction sand and gravel (run of pit or bank) Construction sand and gravel (washed, screened, or otherwise treated) Support activities for nonmetallic minerals (except fuels) mining Nonmetallic minerals services (except fuels) Asphalt paving mixture and block manufacturing Asphalt paving mixtures and blocks Ready-mix concrete manufacturing Ready-mix concrete Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	x x x x x x x x x	50 769 20 465 29 048 20 884 20 884 D D D D 22 082 22 082 21 11 191 12 447	3.38 1.36 1.94 1.39 1.39 S S S S 1.47 1.47 7.75 .83
212321	212312 2123120 212313 2123130 212319 2123190 212321 2123211 2123211 2123213 2123213 2132115 232115 232115 232120 327320 327320 327320 999890 999890 999998	Construction sand and gravel mining Crushed and broken limestone mining and quarrying Crushed and broken limestone. Crushed and broken granite mining and quarrying Crushed and broken granite Other crushed and broken stone mining and quarrying Bituminous limestone, bituminous sandstone, and other crushed and broken stone Construction sand and gravel mining Construction sand and gravel (run of pit or bank). Construction sand and gravel (run of pit or bank). Construction sand and gravel mining, nsk Construction sand and gravel mining, nsk Support activities for nonmetallic minerals (except fuels) mining Nonmetallic minerals services (except fuels) Asphalt paving mixture and block manufacturing Asphalt paving mixtures and blocks. Ready-mix concrete Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	4 513 516 X X X X X X X X X X X X X	X 34 683 34 683 29 974 29 974 29 974 29 974 21 80 253 379 610 2 182 442 1 618 201 50 423 40 531 40 531 102 331 102 331 11 172 11 172	100.00 .77 .77 .66 .66 .8 .8 .92.62 .8.41 .48.35 .35.85 .1.12 .90 .90 .90 .8 .8 .8 .227 .227 .255
212322	212321 2123213 212322 2123221 2123221 2123229 212322W 213115 2131150 999998 9999988	Industrial sand mining Construction sand and gravel mining Construction sand and gravel mining Construction sand and gravel (washed, screened, or otherwise treated) Industrial sand mining Industrial glass sand Other industrial sand Indust	650 541 X X X X X X X X X X X X X X	X D D 600 078 244 503 63 920 247 241 44 414 D D 6 947 7 554	100.00 \$ 92.24 37.58 93.801 6.83 \$ \$ \$ 1.07
212324	212299 2122991 212324 2123240 999998 999998	Kaolin and ball clay mining All other metal ore mining Bauxite Kaolin and ball clay mining Kaolin and ball clay All other products or services made in this industry All other products or services made in this industry	917 581 X X X X X X	X D D D 13 757 13 757	100.00 S S S S 1.50 1.50
212325	212325 2123252 2123254 2123256 2123259 2123259 212325A 212325W 327992 327992 327992 999890 999890 999890 999998	Clay and ceramic and refractory minerals mining . Clay and ceramic and refractory minerals mining . Bentonite . Fire clay . Fuller's earth . Other clay, ceramic, and refractory minerals (including magnesite and brucite) . Feldspar (crude, crushed, or ground) . Common (miscellaneous) clay and shale . Clay and ceramic and refractory minerals mining, nsk . Ground or treated mineral and earth manufacturing . Treated minerals and earths . Sales of products bought and sold without further manufacture, processing, or assembly . Sales of products bought and sold without further manufacture, processing, or assembly . All other products or services made in this industry . All other products or services made in this industry .	697 116 X X X X X X X X X X X X X X X X X X	X 663 980 234 113 115 519 91 706 92 384 D D 22 987 7 668 7 668 2 651 22 651 2 817	100.00 95.25 33.58 16.57 13.16 13.25 \$ \$ 3.30 1.10 1.10 3.25 3.25 40
212391	212391 2123911 2123913 212391W 212399 2123998 999998 999998	Potash, soda, and borate mineral mining . Potash, soda, and borate mineral mining . Potash, soda, and borate mineral mining . Sodium carbonate and sulfate . Potash, soda, and borate mineral mining, nsk . All other nonmetallic mineral mining . Other nonmetallic minerals . All other products or services made in this industry . All other products or services made in this industry .	1 123 043 X X X X X X X X X	X D D D 10 632 D D B 109 8 109	100.00 S S S .95 S S .72 .72
212392	212392 2123921 2123923 999998 9999988	Phosphate rock mining. Phosphate rock mining. Crude phosphate rock, ore or matrix Prepared phosphate rock All other products or services made in this industry All other products or services made in this industry	914 723 X X X X X X	X 912 508 D D 2 215 2 947	100.00 99.76 \$ \$ \$.24
212393	212393 2123932 2123933 2123939 212393W	Other chemical and fertilizer mineral mining Other chemical and fertilizer mineral mining Barite Rock salt. Other chemical and fertilizer minerals Other chemical and fertilizer mineral mining, nsk	347 779 X X X X X	X 336 454 77 305 188 920 25 989 44 240	100.00 96.74 22.23 54.32 7.47 12.72

Table 1. Industry-Product Analysis—Industry Shipments by Product and Receipts for Services: 2002—Con.

[This table presents the variety of products shipped and receipts for services from each mining industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products or have receipts for services not classified in their industry. The first six-digits of these product or service codes are not the same as the industry code and are referred to as secondary products or receipts for services. Data for products and receipts for services with a value of less than \$5 million are not listed separately. These data are included in the "All other products or services" lines. 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	Product or service code	Industry and product or service	Total value of shipments and receipts for services (\$1,000)	Value of product shipments or receipts for services (\$1,000)	Product shipments or receipts for services as percent of total value of shipments and receipts for services
212393	999998 9999988	Other chemical and fertilizer mineral mining—Con. All other products or services made in this industry All other products or services made in this industry	×	11 325 11 325	3.26 3.26
212399	212399 2123992 2123994 2123996 2123998 2123998 212399W 324199 3241992 999890 999890 9999890 999998	All other nonmetallic mineral mining All other nonmetallic mineral mining Diatomitic, crude and prepared Gypsum Talc, soapstone, and pyrophyllite Other nonmetallic mineral mining, nsk All other petroleum and coal products manufacturing All other petroleum and coal products manufacturing All other petroleum and coal products (excluding coke oven products), made in coke oven establishments Sales of products bought and sold without further manufacture, processing, or assembly Sales of products cervices made in this industry All other products or services made in this industry All other products or services made in this industry	X X X X	X D 221 124 D 82 574 277 309 72 565 D D 12 423 12 423 10 554	100.00 S 30.68 S 11.46 38.47 10.07 S S 1.72 1.72 1.46
213111	211111 2111111 2111113 213111 2131110 213112 2131123 213112W 999890 9998900 999988 9999988	Drilling oil and gas wells. Crude petroleum and natural gas extraction Crude petroleum, including lease condensate (volumes corrected to 60 degrees F) shipped Natural gas. Drilling oil and gas wells. Drilling oil and gas wells. Support activities for oil and gas operations Other oil and gas field support activities Support activities for oil and gas operations, nsk Sales of products bought and sold without further manufacture, processing, or assembly Sales of products bought and sold without further manufacture, processing, or assembly All other products or services made in this industry All other products or services made in this industry	8 018 735 X X X X X X X X X X X X X X X X X X X	X 29 775 D 7 601 687 7 601 687 115 090 109 561 5 526 270 963 270 963 1 220 1 223	100.00 .37 S S 94.80 94.80 94.80 1.44 1.37 .07 3.38 3.38
213112	211111 2111111 21111113 213111 2131110 213112 2131121 2131121 213112W 3327100 3327100 399890 999890 999998 999998	Support activities for oil and gas operations. Crude petroleum and natural gas extraction Crude petroleum, including lease condensate (volumes corrected to 60 degrees F) shipped Natural gas Drilling oil and gas wells. Drilling oil and gas wells. Support activities for oil and gas operations Oil and gas field exploration services Other oil and gas field support activities Support activities for oil and gas operations, nsk Machine shops Receipts for machine shop job work and job order repairs Sales of products bought and sold without further manufacture, processing, or assembly Sales of products or services made in this industry All other products or services made in this industry	11 577 714 X X X X X X X X X X X X X X X X X X X	X D D 9 496 349 539 349 539 10 531 211 295 745 5 935 911 4 299 555 D D 664 018 664 018 1 686 1 686	100.00 \$ \$.08 3.02 90.96 2.55 51.27 37.14 \$ \$ \$ 5 5.74 5.74 .01
213113	213113 2131130 213114 2131140 213115 2131150 999998 999998	Support activities for coal mining . Support activities for coal mining . Coal mining services . Support activities for metal mining . Metal mining services . Support activities for nonmetallic minerals (except fuels) mining . Nonmetallic minerals services (except fuels) . All other products or services made in this industry . All other products or services made in this industry .	801 109 X X X X X X X X X	X 778 597 778 597 D D D D 4 561 4 561	100.00 97.19 97.19 97.9 8 8 8 5 57
213114	213114 2131140 999998 9999988	Support activities for metal mining . Support activities for metal mining . Metal mining services . All other products or services made in this industry . All other products or services made in this industry .	289 682 X X X X X	X 288 816 288 816 866 866	100.00 99.70 99.70 .30 .30
213115	212312 2123120 212319 212319 212319 212321 213213 213115 213115 2131150 999998 9999988	Support activities for nonmetallic minerals (except fuels) mining. Crushed and broken limestone mining and quarrying Crushed and broken limestone. Other crushed and broken stone mining and quarrying Bituminous limestone, bituminous sandstone, and other crushed and broken stone Construction sand and gravel mining Construction sand and gravel (washed, screened, or otherwise treated). Support activities for nonmetallic minerals (except fuels) mining Nonmetallic minerals services (except fuels). All other products or services made in this industry All other products or services made in this industry	562 815 X X X X X X X X X X X X X X X X X X X	X D D D 16 226 12 169 515 111 515 111 13 233 17 290	100.00 \$ \$ \$ \$ 2.88 2.16 91.52 91.52 2.35 3.07

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-Product Analysis — Product Shipments and Receipts for Services by Contributing Industry: 2002

[This table presents the industries contributing to the shipments of a product or receipts for services. Most product shipments or receipts for services come from the industry in which the product or service is primary, which is where the industry code is the same as the first six-digits of the product or service code. However, some shipments or receipts for services may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product or service code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments or receipts for services values. For this reason, the detail may not sum to the total. 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]

Product or service code	Industry	Product or service and industry	Value of product shipments or receipts for services (\$1,000)	Percent distribution of value of product shipments or receipts for services
211111	211111 211112 213111	Crude petroleum and natural gas extraction	82 980 401 82 753 218 126 762 29 775	100.00 99.73 .15 .04
2111111	213112 324110 211111 213111	Support activities for oil and gas operations Petroleum refineries. Crude petroleum, including lease condensate (volumes corrected to 60 degrees F) shipped Crude petroleum and natural gas extraction Drilling oil and gas wells Support activities for oil and gas operations	D D 30 713 805 30 686 344 D	S S 37.01 99.91 S
2111113	213112 211111 211112 213111	Support activities for oil and gas operations Natural gas Crude petroleum and natural gas extraction Natural gas liquid extraction Drilling oil and gas wells Support activities for oil and gas operations	39 414 074 39 217 352 123 068	\$ \$ 47.50 99.50 .31 \$
211111W	213112 324110	Petroleum refineries	9 496 D 12 852 522	.02 S 15.49
211112	211111	Crude petroleum and natural gas extraction	12 849 522	99.98 100.00
	211111 211112 212112 324110 325199	Natural gas liquid extraction Crude petroleum and natural gas extraction Natural gas liquid extraction Bituminous coal underground mining Petroleum refineries All other basic organic chemical manufacturing	29 715 554 D 28 974 816 D D D	S 97.51 S S S S
2111121	211111 211112	Natural gas liquids Crude petroleum and natural gas extraction	15 624 632 D D	52.58 S S
2111123	211112	Residue gas shipped from natural gas liquids plants	13 673 354 13 671 118	46.01 99.98
2111124	211112 324110 325199	Recovered elemental sulfur from natural gas Natural gas liquid extraction Petroleum refineries All other basic organic chemical manufacturing	171 190 D D D	.58 S S S .83 S
211112W	211111 211112 212112	Natural gas liquid extrăction, nsk. Crude petroleum and natural gas extraction Natural gas liquid extraction Bituminous coal underground mining.	246 378 D 178 394 D	.83 S 72.41 S
212111	212111	Bituminous coal and lignite surface mining Bituminous coal and lignite surface mining	10 609 379 10 608 693	100.00 99.99
2121111		Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations Bituminous coal and lignite surface mining Bituminous coal and lignite surface mining Brossend bituminous coal and lignite surface mining	1 677 758	15.81
2121113	212111	Bituminous coal and lignite surface mining Processed bituminous coal and lignite shipped from surface operations Bituminous coal and lignite surface mining Bituminous coal and lignite surface mining Bituminous coal and lignite surface mining net	1 677 262 8 351 659	99.97 78.72
212111W	212111	Bituminous coal and lignite surface mining.	8 351 469 579 962 579 962	100.00 5.47 100.00
212112	212112	Bituminous coal underground mining	D D	S S
2121121 2121123	212112	Run-of-mine (raw) bituminous coal shipped from underground mining operations. Bituminous coal underground mining. Processed bituminous coal shipped from underground mining operations.	D D D	88888
212112W	212112	Bituminous coal underground mining Bituminous coal underground mining, nsk Bituminous coal underground mining	702 458 702 458	7.34 100.00
212113		Anthracite mining	120 719	100.00
2121131	212113	Anthracite mining	120 719 27 391	100.00 22.69
2121133	212113	Anthracite míning Processed anthracite	27 391 64 480	100.00 53.41
212113W	212113 212113	Anthracite mining Anthracite mining, nsk Anthracite mining	64 480 28 848 28 848	100.00 23.90 100.00
212210	212210	Iron ore mining	1 770 163 1 770 163	100.00 100.00
2122101	212210	Crude iniming Crude iron ore. Iron ore mining	80 190 80 190	4.53 100.00
2122103	212210	Iron ore concentrates and agglomerates Iron ore mining	1 680 304	94.92
212210W	212210	Iron ore mining, nsk Iron ore mining	1 680 304 9 669 9 669	100.00 .55 100.00
212221	212221 212231 212234	Gold ore mining Gold ore mining Lead ore and zinc ore mining. Copper ore and nickel ore mining	2 885 973 2 854 524 D	100.00 98.91 S S
2122213	212221	Gold concentrates	D D	S
2122215	212221 212231 212234	Gold mill bullion and placer gold Gold ore mining Lead ore and zinc ore mining Copper ore and nickel ore mining	2 501 069 2 471 359 D	86.66 98.81 S S
212221W	212221	Gold ore mining, nsk	D D	8888
212222	212222 212231 212234	Silver ore mining. Silver ore mining. Lead ore and zinc ore mining. Connect ore and nickel ore mining.	140 057 D D	100.00 S S
2122223	212234 212222 212231	Copper ore and nickel ore mining Silver concentrates Silver ore mining Lead ore and zinc ore mining	51 133 D D	S 36.51 S S S S
2122225	212234 212222 212234	Copper ore and nickel ore mining Silver mill bullion and placer silver. Silver ore mining. Copper ore and nickel ore mining.	84 216 D D	\$ 60.13 \$ \$
212231		Lead ore and zinc ore mining	439 241	100.00

Table 2. Industry-Product Analysis — Product Shipments and Receipts for Services by Contributing Industry: 2002—Con.

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Product or service code	Industry	Product or service and industry	Value of product shipments or receipts for services (\$1,000)	Percent distribution of value of product shipments or receipts for services
212231	212222	Lead ore and zinc ore mining—Con. Silver ore mining.	D	· ·
0400044	212231	Lead ore and zinc ore mining	D	\$ \$ \$ \$ \$ \$ \$ \$
2122311	212231	Crude lead and zinc ores	D	\$ \$
2122313	212222	Lead and zinc concentrates Silver ore mining.	403 548 D	91.87 S
212231W	212231	Lead ore and zinc ore mining	D D	
	212231	Lead ore and zinc ore mining	D	
212234	212234	Copper ore and nickel ore mining	1 888 119 D	100.00 S
2122341	212234	Crude copper-bearing ores	D D	S S
2122343	212234	Copper concentrates Copper ore and nickel ore mining	849 049 846 893	44.97 99.75
2122345	212234	Copper precipitates and electrowon copper recovered from leaching operations Copper ore and nickel ore mining	D D	S S
212234W	212234	Copper ore and nickel ore mining, nsk	42 254	2.24
212291	212234	Copper ore and nickel ore mining	42 254 81 283	100.00
2122913	212291	Uranium-radium-vanadium ore mining Uranium-vanadium concentrates	81 283 75 895	100.00 93.37
	212291	Uranium-radium-vanadium ore mining	75 895	100.00
212291W	212291	Uranium-radium-vanadium ore mining, nsk	5 388 5 388	6.63 100.00
212299	010004	All other metal ore mining	713 757 D	100.00
	212234 212299	Copper ore and nickel ore mining	591 877	S 82.92
2122991	212324	Kaolin and ball clay mining	D D	S S
2122993	212324	Kaolin and ball clay mining	D D	<i>\$</i>
	212234 212299	Copper ore and nickel ore mining	D D	S S
2122995		Miscellaneous metal ores and concentrates (including antimony, beryllium, mercury, rare-earth metals, tin, and titanium)	456 048	63.89
212299W	212299	All other metal ore mining. All other metal ore mining, nsk.	D 10 972	S 1.54
LILLOUV	212299	All other metal ore mining	10 972	100.00
212311	212311	Dimension stone mining and quarrying Dimension stone mining and quarrying	285 083 237 818	100.00 83.42
	212312 327991	Crushed and broken limestone mining and quarrying . Cut stone and stone product manufacturing .	D D	S
2123110		Dimension stone	285 083	100.00
	212311	Dimension stone mining and quarrying	237 818 D	83.42 S
212312	327991	Cut stone and stone product manufacturing	D 5 649 133	S 100.00
212312	212312	Crushed and broken limestone mining and quarrying Crushed and broken limestone mining and quarrying	5 396 464	95.53
	212321 213115	Construction sand and gravel mining	34 683 D	.61 S
	324121 325188	Asphalt paving mixture and block manufacturing All other basic inorganic chemical manufacturing	47 958 D	.85 S
	327310 327320	Cement manufacturing	29 072 35 535	.85 S .51 .63 S S
	327390 327410	Ready-mix concrete manufacturing . Other concrete product manufacturing Lime manufacturing	D D	S S
2123120	212312	Crushed and broken limestone Crushed and broken limestone mining and quarrying	5 649 133 5 396 464	100.00 95.53
	212321 213115	Construction sand and gravel mining . Support activities for nonmetallic minerals (except fuels) mining .	34 683 D	.61 S
	324121	Asphalt paving mixture and block manufacturing	47 958	.85 S
	325188 327310	All other basic inorganic chemical manufacturing. Cement manufacturing	D 29 072	.51
	327320 327390	Ready-mix concrete manufacturing	35 535 D	.63 S
	327410	Lime manufacturing	D	S
212313	212313	Crushed and broken granite mining and quarrying. Crushed and broken granite mining and quarrying.	1 948 917 1 892 968	100.00 97.13
	212321 324121	Construction sand and gravel mining Asphalt paving mixture and block manufacturing	29 974 D	1.54 S
	327320 327991	Ready-mix concrete manufacturing. Cut stone and stone product manufacturing	8 044 D	.41 S
2123130	212313	Crushed and broken granite	1 948 917 1 892 968	100.00 97.13
	212321	Crushed and broken granite mining and quarrying. Construction sand and gravel mining	29 974	1.54
	324121 327320	Asphalt paving mixture and block manufacturing	D 8 044	S .41
040040	327991	Cut stone and stone product manufacturing	D 4 574 404	S 400.00
212319	212312	Other crushed and broken stone mining and quarrying	1 571 184 18 217	100.00 1.16
	212319 212321	Other crushed and broken stone mining and quarrying	1 348 012 D	85.80 S
	213115 324121	Support activities for nonmetallic minerals (except fuels) mining	D 81 507	S 5.19
2123190	327320	Ready-mix concrete manufacturing. Bituminous limestone, bituminous sandstone, and other crushed and broken stone	52 061 1 571 184	3.31 100.00
	212312 212319	Crushed and broken limestone mining and quarrying	18 217 1 348 012	1.16 85.80
	212319 212321 213115	Construction sand and gravel mining . Support activities for nonmetallic minerals (except fuels) mining .	D D	S S
	324121	Asphalt paving mixture and block manufacturing	81 507 52 061	5.19

Table 2. Industry-Product Analysis - Product Shipments and Receipts for Services by Contributing Industry: 2002—Con.

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Product or service code	Industry	Product or service and industry	Value of product shipments or receipts for services (\$1,000)	Percent distribution of value of product shipments or receipts for services
212321	010010	Construction sand and gravel mining	4 642 219	100.00
	212312 212313	Crushed and broken granite mining and quarrying	19 103	1.67 .41
	212319 212321	Other crushed and broken stone mining and quarrying	50 769 4 180 253	1.09 90.05
	212322	Construction sand and gravel mining	D 100 230	S
	213115 324121	Support activities for nonmetallic minerals (except fuels) mining	16 226 57 931	.35 1.25
	327310 327320	Cement manufacturing Ready-mix concrete manufacturing.	D 180 333	S 3.88
	327331	Concrete block and brick manufacturing	13 849	.30
	327390 327999	Other concrete product manufacturing All other miscellaneous nonmetallic mineral product manufacturing.	D 5 241	S .11
2123211	212312	Construction sand and gravel (run of pit or bank)	431 643 12 705	9.30 2.94
	212313	Crushed and broken granite mining and guarrying	5 579 20 465	1.29
	212319 212321	Other crushed and broken stone mining and quarrying	379 610	4.74 87.95
2123213	212312	Construction sand and gravel (washed, screened, or otherwise treated)	2 486 555 60 308	53.56 2.43
	212313 212319	Crushed and broken granite mining and quarrying. Other crushed and broken stone mining and quarrying.	13 524 29 048	.54 1.17
	212321	Construction sand and gravel mining	2 182 442	87.77
	212322 213115	Industrial sand mining	D 12 169	S .49
	324121 327320	Asphalt paving mixture and block manufacturing	D 156 370	S 6.29
212321W		Construction sand and gravel mining, nsk	1 724 021	37.14
	212321 324121	Construction sand and gravel mining	1 618 201 50 549	93.86 2.93
	327310 327320	Cement manufacturing Ready-mix concrete manufacturing.	D 19 874	S 1.15
	327331	Concrete block and brick manufacturing	13 368	.78
	327390	Other concrete product manufacturing	D	S
212322	212322	Industrial sand mining	614 007 600 078	100.00 97.73
2123221		Industrial glass sand Industrial sand mining	248 236	40.43
2123223	212322	Industrial molding sand	244 503 65 374	98.50 10.65
2123229	212322	Industrial sand mining	63 920 252 787	97.78 41.17
	212322	Industrial sand mining	247 241	97.81
212322W	212322	Industrial sand mining, nsk	47 610 44 414	7.75 93.29
212324		Kaolin and ball clay mining	D	S
	212324 327992	Kaolin and ball clay mining	D D	<i>๑๓๑๓๓</i>
2123240	212324	Kaolin and ball clav	l D	S
	327992	Kaolin and ball clay mining . Ground or treated mineral and earth manufacturing .	D	S
212325		Clay and ceramic and refractory minerals mining	676 524	100.00
2123252	212325	Clay and ceramic and refractory minerals mining	663 980 240 312	98.15 35.52
2123254	212325	Clay and ceramic and refractory minerals mining	234 113 117 276	97.42 17.34
	212325	Clay and ceramic and refractory minerals mining	115 519	98.50
2123256	212325	Fuller's éarth	91 829 91 706	13.57 99.87
2123259	212325	Other clay, ceramic, and refractory minerals (including magnesite and brucite)	93 052 92 384	13.75 99.28
212325A		Feldspar (crude, crushed, or ground)	D	S
212325B	212325	Clay and ceramic and refractory minerals mining	D D	S S
212325W	212325	Clay and ceramic and refractory minerals mining. Clay and ceramic and refractory minerals mining, nsk	D 24 064	S 3.56
212025	212325	Clay and ceramic and refractory minerals mining.	22 987	95.52
212391		Potash, soda, and borate mineral mining	1 114 587	100.00
2123911	212391	Potash, soda, and borate mineral mining	D D	88888
2123913	212391	Potash, soda, and borate mineral mining	D D	S
	212391	Potash, soda, and borate mineral mining	D	S
212391W	212391	Potash, soda, and borate mineral mining, nsk Potash, soda, and borate mineral mining.	10 632 10 632	.95 100.00
212392		Phosphate rock mining	915 246	100.00
2123921	212392	Phosphate rock mining Crude phosphate rock, ore or matrix	912 508 D	99.70 S
	212392	Phosphate rock mining	D	S
2123923	212392	Prepared phosphate rock	D D	S
212393		Other chemical and fertilizer mineral mining	336 833	100.00
	212393	Other chemical and fertilizer mineral mining	336 454	99.89
2123932	212393	Barite	77 455 77 305	23.00 99.81
2123933	212393	Rock salt Other chemical and fertilizer mineral mining	188 920 188 920	56.09 100.00
2123939		Other chemical and fertilizer minerals	26 057	7.74
212393W	212393	Other chemical and fertilizer mineral mining	25 989 44 401	99.74 13.18
	212393	Other chemical and fertilizer mineral mining	44 240	99.64
212399	212201	All other nonmetallic mineral mining	753 365	100.00
	212391 212399	Potash, soda, and borate mineral mining	D	S
	327420	Gypsum product manufacturing	l D	S

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Product or service code	Industry	Product or service and industry	Value of product shipments or receipts for services (\$1,000)	Percent distribution of value of product shipments or receipts for services
212399		All other nonmetallic mineral mining—Con.		
2123992	327992	Ground or treated mineral and earth manufacturing Diatomite, crude and prepared	D 225 391	S 29.92
2123994	212399	All other permetallic mineral mining	221 124 66 013	98.11 8.76
2123994	212399	All other nonmetallic mineral mining	D	8.70 S S
2123996	327420	Gypsum All other nonmetallic mineral mining Gypsum product manufacturing Talc, soapstone, and pyrophyllite All other nonmetallic mineral mining Other nonmetallic mineral mining	D 82 612	10.97
2123998	212399		82 574 306 784	99.95 40.72
	212391 212399	Potash, soda, and borate mineral mining. All other nonmetallic mineral mining	D 277 309	S 90.39
040000144	327992	Ground or treated mineral and earth manufacturing	D	S
212399W	212399	Ground or treated mineral and earth manufacturing All other nonmetallic mineral mining, nsk All other nonmetallic mineral mining	72 565 72 565	9.63 100.00
213111		Drilling oil and gas wells	8 141 253	100.00
	211111	Crude petroleum and natural gas extraction	186 829 7 601 687	2.29 93.37
2131110	213112	Support activities for oil and gas operations	349 539 8 141 253	4.29 100.00
2.00	211111 213111	Crude petroleum and natural gas extraction	186 829 7 601 687	2.29 93.37
	213112	Crude petroleum and natural gas extraction Drilling oil and gas wells Support activities for oil and gas operations Drilling oil and gas wells Crude petroleum and natural gas extraction Drilling oil and gas wells Support activities for oil and gas operations	349 539	4.29
213112		Support activities for oil and gas operations	10 775 900	100.00
	211111 211112	Crude petroleum and natural gas extraction	D D	S S
	213111 213112	Drilling oil and gas wells Support activities for oil and gas operations	115 090 10 531 211	1.07 97.73
2131121	213112	Oil and gas field exploration services	296 132 295 745	2.75 99.87
2131123		Other oil and gas field support activities.	6 163 394	57.20
	211111 211112	Natural gas liquid extraction	95 234 21 567	1.55 .35
	213111	Drilling oil and gas wells	109 561 5 935 911	1.78 96.31
213112W	213111	Support activities for oil and gas operations, nsk	4 316 374 5 526	40.06 .13
	213112	Support activities for oil and gas operations Crude petroleum and natural gas extraction Natural gas liquid extraction Drilling oil and gas wells Support activities for oil and gas operations Oil and gas field exploration services Support activities for oil and gas operations Oil and gas field support activities Crude petroleum and natural gas extraction Natural gas liquid extraction Natural gas liquid extraction Drilling oil and gas wells Support activities for oil and gas operations	4 299 555	99.61
213113	212111	Support activities for coal mining	813 940 28 480	100.00 3.50
	213113	Bituminous coal and lignite surface mining Support activities for coal mining Coal mining services	778 597	95.66
2131130	212111	Coal mining services Bituminous coal and lignite surface mining Support activities for coal mining	813 940 28 480	100.00 3.50
	213113		778 597	95.66
213114	212234	Support activities for metal mining Copper ore and nickel ore mining Support activities for coal mining Support activities for metal mining Metal mining services Compared with a compiler comp	D D	\$ \$ \$
	213113	Support activities for coal mining	D 288 816	S 91.00
2131140		Metal mining services	D	81.96 S S S
	212234 213113	Copper ore and nickel ore mining Support activities for coal mining Support activities for metal mining	D D	S
	213114	Support activities for metal mining	288 816	81.96
213115	212312	Support activities for nonmetallic minerals (except fuels) mining	658 821 27 418	100.00 4.16
	212319	Other crushed and broken stone mining and quarrying.	20 884	3.17
	212321 212322	Crushed and broken limestone mining and quarrying Other crushed and broken stone mining and quarrying Other crushed and broken stone mining and quarrying Construction sand and gravel mining Industrial sand mining Support activities for coal mining	50 423 D	7.65 S S
	213113 213115	Support activities for nonmetallic minerals (except fuels) mining.	D 515 111	78.19
2131150	327320		5 025 658 821	.76 100.00
	212312 212319	Crushed and broken limestone mining and quarrying	27 418 20 884	4.16 3.17
	212321	Nonmetallic minerals services (except fuels). Crushed and broken limestone mining and quarrying. Other crushed and broken stone mining and quarrying. Construction sand and gravel mining. Industrial sand mining.	50 423	7.65
	212322 213113		D D	S
	213115 327320	Support activities for nonmetallic minerals (except fuels) mining	515 111 5 025	78.19 .76

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.