

# Tennessee: 2002

Issued May 2005

EC02-21A-TN

## 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 <sup>1</sup>	All establishments <sup>2</sup>		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 <sup>3</sup>	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
<b>21</b>	<b>TENNESSEE</b>												
<b>21</b>	<b>Mining . . . . .</b>	<b>3</b>	<b>222</b>	<b>53</b>	<b>3 327</b>	<b>118 984</b>	<b>2 705</b>	<b>5 425</b>	<b>95 010</b>	<b>542 466</b>	<b>207 763</b>	<b>684 682</b>	<b>65 547</b>
211	Oil and gas extraction . . . . .	1	12	1	89	3 193	69	129	2 442	38 670	11 435	48 621	1 484
2111	Oil and gas extraction . . .	1	12	1	89	3 193	69	129	2 442	38 670	11 435	48 621	1 484
21111	Oil and gas extraction .	1	12	1	89	3 193	69	129	2 442	38 670	11 435	48 621	1 484
211111	Crude petroleum and natural gas extraction . . . . .	2	11	—	b	D	D	D	D	D	D	D	D
211112	Natural gas liquid extraction . . . . .	—	1	1	b	D	D	D	D	D	D	D	D
212	Mining (except oil and gas) . . . . .	3	172	50	3 013	108 328	2 463	4 991	87 390	487 734	188 890	614 511	62 113
2121	Coal mining . . . . .	1	18	8	e	D	D	D	D	D	D	D	D
21211	Coal mining . . . . .	1	18	8	e	D	D	D	D	D	D	D	D
212111	Bituminous coal and lignite surface mining . . . . .	2	12	4	e	D	D	D	D	D	D	D	D
212112	Bituminous coal underground mining . . . . .	—	6	4	c	D	D	D	D	D	D	D	D
2122	Metal ore mining . . . . .	9	5	3	e	D	D	D	D	D	D	D	D
21222	Gold ore and silver ore mining . . . . .	9	2	—	a	D	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 . . . . .	9	3	3	e	D	D	D	D	D	D	D	D
212231	Lead ore and zinc ore mining . . . . .	9	3	3	e	D	D	D	D	D	D	D	D
2123	Nonmetallic mineral mining and quarrying . . . . .	2	149	39	2 209	77 915	1 740	3 627	60 328	364 634	122 553	439 393	47 794
21231	Stone mining and quarrying . . . . .	2	110	31	1 699	59 763	1 353	2 806	46 785	302 994	101 749	361 992	42 751
212311	Dimension stone mining and quarrying . . . . .	—	2	1	b	D	D	D	D	D	D	D	D
212312	Crushed and broken limestone mining and quarrying . . . . .	2	99	28	1 570	54 956	1 267	2 618	43 960	268 911	97 958	326 440	40 429
212313	Crushed and broken granite mining and quarrying . . . . .	—	1	1	b	D	D	D	D	D	D	D	D
212319	Other crushed and broken stone mining and quarrying . . . . .	4	8	1	69	2 784	37	83	1 202	14 024	D	15 066	D
21232	Sand, gravel, clay, and ceramic, and refractory minerals mining and quarrying . . . . .	1	39	8	510	18 152	387	821	13 543	61 640	20 804	77 401	5 043
212321	Construction sand and gravel mining . . . . .	3	32	4	e	D	D	D	D	D	D	D	D
212322	Industrial sand mining . . . . .	—	4	2	90	3 744	77	181	3 101	19 802	6 085	23 826	2 061
212324	Kaolin and ball clay mining . . . . .	—	2	2	c	D	D	D	D	D	D	D	D
212325	Clay and ceramic and refractory minerals mining . . . . .	9	1	—	a	D	D	D	D	D	D	D	D
213	Support activities for mining . . . . .	3	38	2	225	7 463	173	305	5 178	16 062	7 438	21 550	1 950
2131	Support activities for mining . . . . .	3	38	2	225	7 463	173	305	5 178	16 062	7 438	21 550	1 950
21311	Support activities for mining . . . . .	3	38	2	225	7 463	173	305	5 178	16 062	7 438	21 550	1 950
213111	Drilling oil and gas wells . . . . .	3	11	—	33	1 354	25	52	952	3 956	1 889	5 323	522
213112	Support activities for oil and gas operations . . . . .	6	14	—	b	D	D	D	D	D	D	D	522
213113	Support activities for coal mining . . . . .	—	7	1	62	1 604	55	91	1 389	4 277	2 694	6 460	511
213114	Support activities for metal mining . . . . .	9	2	—	a	D	D	D	D	D	D	D	D
213115	Support activities for nonmetallic minerals (except fuels) mining . . . . .	3	4	1	54	1 656	37	57	972	3 199	D	3 702	D

<sup>1</sup>Some 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.

<sup>2</sup>Includes 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
<b>TENNESSEE</b>	
Companies <sup>1</sup> .....	148
All establishments <sup>2</sup> .....	222
Establishments with 0 to 19 employees .....	169
Establishments with 20 to 99 employees .....	51
Establishments with 100 employees or more .....	2
All employees for pay period including March 12 .....	3 327
Total compensation .....	152 375
Annual payroll .....	118 984
Annual fringe benefits not included in payroll .....	33 391
Production, development, and exploration workers for pay period including March 12 .....	2 705
Production, development, and exploration worker annual hours .....	5 425
Production, development, and exploration worker annual wages .....	95 010
Total cost of supplies .....	207 763
Supplies used, minerals received, and purchased machinery installed .....	147 603
Resales .....	5 160
Purchased fuels consumed .....	15 858
Purchased electricity .....	23 436
Contract work .....	15 706
Quantity of electricity purchased .....	435 507
Quantity of electricity generated less sold .....	-
Total other expenses .....	37 414
Response coverage ratio <sup>3</sup> .....	56
Communications services .....	1 399
Legal services .....	367
Accounting, auditing, and bookkeeping services .....	227
Advertising and promotional services .....	312
All other expenses (not included above) .....	35 109
Total value of shipments and receipts for services .....	684 682
Value of resales .....	6 539
Value added .....	542 466
Total inventories, end of 2001 .....	58 900
Mineral products, crude petroleum, and natural gas liquids inventories .....	50 688
Supplies, parts, fuels, etc., inventories .....	8 212
Total inventories, end of 2002 .....	61 029
Mineral products, crude petroleum, and natural gas liquids inventories .....	52 978
Supplies, parts, fuels, etc., inventories .....	8 051
Capital expenditures (except land and mineral rights) .....	65 547
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	63 389
Capital expenditures for mineral exploration and development <sup>4</sup> .....	2 158
Capital expenditures for mineral land and rights <sup>5</sup> .....	702
Total rental payments during year .....	11 078
Buildings and other structures .....	1 817
Machinery and equipment .....	9 261

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

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A 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.

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

<sup>5</sup>Excludes 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 <sup>1</sup>		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)		
<b>TENNESSEE</b>									
Sector 21, Mining									
All establishments .....	222	53	3 327	118 984	2 705	5 425	95 010	542 466	684 682
Producing establishments .....	222	53	3 327	118 984	2 705	5 425	95 010	542 466	684 682
Mines or wells only .....	29	8	f	D	D	D	D	D	D
Underground mines .....	6	4	e	D	D	D	D	D	D
Open-pit mines .....	12	4	228	8 470	173	335	6 112	23 197	25 209
Combination mines, well operations, or other types of mines .....	11	—	b	D	D	D	D	D	D
Mines with preparation plants .....	132	40	2 272	79 964	1 860	3 856	64 616	399 949	498 202
Underground mines .....	5	3	c	D	D	D	D	D	D
Open-pit mines .....	125	35	1 985	70 271	1 591	3 331	55 337	346 507	419 957
Combination mines or other types of mines .....	2	2	c	D	D	D	D	D	D
Separately operated preparation plants .....	1	1	b	D	D	D	D	D	D
Undistributed <sup>2</sup> .....	60	4	353	12 099	278	505	8 913	27 538	37 142
Nonproducing establishments .....	—	—	—	—	—	—	—	—	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes 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.