

# Coal Industry Annual 2000

**Energy Information Administration**  
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# Contacts

This publication was prepared by Fred Freme under the direction of Bill Watson, Team Leader of the Coal Team, in the Office of Coal, Nuclear, Electric, and Alternate Fuels. Specific information about the data in this report can be obtained from Fred Freme at (202)

287-1740, or e-mail [Frederick.Freme@eia.doe.gov](mailto:Frederick.Freme@eia.doe.gov). All other questions on coal statistics should be directed to the National Energy Information Center at (202) 586-8800, or e-mail [INFOCTR@EIA.DOE.GOV](mailto:INFOCTR@EIA.DOE.GOV).

# Preface

*Coal Industry Annual 2000* provides comprehensive information about U.S. coal production, number of mines, prices, productivity, employment, productive capacity, and recoverable reserves. U.S. coal production for 1998 and later are based on the U.S. Department of Labor's Mine Safety and Health Administration's Form 7000-2, "Quarterly Mine Employment and Coal Production Report." Coal production for 1997 and previous years is based on the annual survey EIA-7A, "Coal Production Report."

This report also presents data on coal consumption, coal distribution, coal stocks, coal prices, and coal quality. Appendix A contains a compilation of coal statistics for the major coal-producing States. This report also includes national total coal consumption for nonutility power producers that are not in the manufacturing, agriculture, mining, construction, or commercial sectors.

The base year for the implicit price deflator, which is used to convert nominal figures to real figures is 1996 (Table D2).

This report constitutes the 25th annual report on coal production published by EIA and continues the series

formerly included in the *Minerals Yearbook* published by the Bureau of Mines.

The data presented in the report were collected and published by the Energy Information Administration (EIA), to fulfill its data collection and dissemination responsibilities, as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended. Data for the Demonstrated Reserve Base (DRB) are now reported in *U.S. Coal Reserves: A Review and Update* (DOE/EIA-0529). However, this report includes data on the recoverable portion of the DRB in Table 105.

The Office of Coal, Nuclear, Electric and Alternate Fuels gratefully acknowledges the cooperation of the respondents in supplying the information presented in the *Coal Industry Annual 2000* and appreciates the valuable assistance of State coal mining agencies; the U.S. Department of the Interior: the Bureau of Land Management, the Minerals Management Service; the U.S. Department of Labor: the Mine Safety and Health Administration, the Bureau of Labor Statistics; the U.S. Department of Commerce: the Bureau of the Census; and the King Publishing Corporation.

# Notice

The Energy Information Administration (EIA) changed the survey form EIA-7A "Coal Production Report," beginning with the collection of 1998 data. Data on coal production and employment are no longer collected on the Form EIA-7A; rather those data are obtained through a data-sharing agreement with the Mine Safety and Health Administration (MSHA) of the U.S. Department of Labor, based on the Form 7000-2, "Quarterly Mine Employment and Coal Production Report." As a result of these changes, certain data elements are no longer consistent with the historical data series.

Some differences in the 1998 and later data are attributable to modifications of definitions, while other differences are a result of changes in the industry. It is important to note these changes when comparing data over the historical period.

The changes are specified in the following text:

(1)The data on 1998 and later coal production at the county level are no longer comparable with data published in previous issues of the *Coal Industry Annual*. Production at the county level is now solely based on

the county in which the mine originally opened, whether or not any coal was produced in that county. (Adjustments have been made only for mines that cross State boundaries.) As a consequence, the number of mines are also no longer comparable with the historical series, since a mine that had previously crossed county lines, was counted as two mines.

(2)The data on 1998 and later productivity are not comparable with the historic data series, since the MSHA definition of employment differs from that previously used by EIA. EIA had defined employment to include all managerial, technical, and engineering personnel, whether or not they worked in the mine. MSHA defines employment into two categories: one for the employees working in the mine and a second for office employees. All MSHA employees are now included in the total employment data.

(3)The definition of the producer's price of coal has changed for 1998 and later. Previously, EIA defined price data as f.o.b. (free on board) mine price; producer's price is now defined as f.o.b. (free on board) rail/barge.

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# Executive Summary

## Overview

For the first time in more than 40 years, U.S. coal production has decreased for a second consecutive year. In 2000, coal production declined by 2.4 percent from 1999, to 1,073.6 million short tons. (Table ES1). Nevertheless, overall coal consumption increased in 2000. The additional needs of the industry were answered by a substantial draw down in stocks of 43.4 million short tons—lowering year-end stock levels by 23.7 percent from 1999 levels.

Coal consumption in the United States totaled 1080.9 million short tons, an increase of 3.5 percent. The electric power industry, excluding cogeneration facilities owned by the industrial and commercial sectors, used a record 982.6 million short tons of coal, 90.9 percent of total U.S. consumption. Coal-based electric power accounted for 51.8 percent of total electric generation. The increase in coal consumed to generate electricity was, in part, a response to the weather and the decline in hydroelectric generation. Coal use in the non-electricity sector rose for the first time in 6 years, as consumption at coke plants pushed the total sector to grow by 0.6 percent to reach a total of 98.3 million short tons.

Reflecting increasing global competition in the coal market, U.S. coal imports climbed in 2000 by more than 37 percent, achieving a record level of 12.5 million short tons. Several utilities used imported low-sulfur coal to help meet stricter sulfur emission requirements of Phase II of the 1990 Clean Air Act Amendments (CAAA), which became effective January 1, 2000. Although there was a decline in steam coal exports, the increase in metallurgical coal exports mitigated that loss, holding total coal exports at 58.5 million short tons for the year—reversing a 3 year downward trend.

Year-end coal stocks declined in both the consuming and producing sectors. Consumer stocks decreased by 35.8 million short tons while producer and distributor stocks fell by 7.6 million short tons.

The delivered price of coal continued a downward trend that started more than a decade ago. On an annual basis, the average utility price per ton of coal delivered to

utilities dropped by 1.8 percent in 2000, the price of coking coal fell by 3.2 percent, while the price of other industrial steam coal declined marginally. As a result of the strong competition in the world coal market, U.S. coal export price, measured in free alongside ship (f.a.s.) value, decreased by 4.4 percent, while the price of coal imports dropped by 2.2 percent.

## Production

Coal production in 2000 totaled 1,073.6 million short tons, dropping 2.4 percent (26.8 million short tons) from 1999 (Figure ES1 and Table ES1). The decline in production was attributable to (1) a substantial draw down in total coal stocks, (2) a lack of excess production capacity at some mines, and (3) a reluctance on the part of some producers to expand production to meet increasing demands in the latter part of the year. In a departure from the trend of the past several years, production levels in all three regions declined (Figure ES2 and Table ES2).

### *Appalachian Region*

Coal production in the Appalachian Region was 419.4 million short tons in 2000, a decrease of 6.2 million short tons from 1999. Of the three major coal producing States in the region, only West Virginia had higher production levels in 2000, while Eastern Kentucky and Pennsylvania registered a decrease in production. Coal production in West Virginia, the largest coal producing State in the region, rose by 0.3 million short tons (0.2 percent) to a level of 158.3 million short tons. Although coal production increased in West Virginia in 2000, it was constrained in part by controversy surrounding a lawsuit brought by an environmental group in Federal court, involving mountaintop removal and valley fills. The judge in the case banned valley fills within the buffer zones around streams in October 1999, thereby delaying the start of several new mines that could have produced coal in 2000. Eastern Kentucky's production dropped 5.1 million short tons to end the year at 104.9 million short tons. In 2000, Pennsylvania produced 74.6 million short tons, a drop of 1.8 million short tons (2.3 percent), somewhat reflecting the drop in steam coal

**Table ES1. U.S. Coal Supply, Disposition, and Prices, 1997-2000**  
(Million Short Tons and Nominal Dollars per Short Ton)

Item	1997	1998	1999	2000
<b>Production by Region</b>				
Appalachian .....	467.8	460.4	425.6	419.4
Interior .....	170.9	168.4	162.5	143.5
Western .....	451.3	488.8	512.3	510.7
<b>Total .....</b>	<b>1,089.9</b>	<b>1,117.5</b>	<b>1,100.4</b>	<b>1,073.6</b>
<b>Consumption by Sector</b>				
Electric Power .....	922.0	937.8	946.8	982.6
Electric Utilities .....	900.4	910.9	894.1	859.3
Other Power Producers <sup>a</sup> .....	21.6	26.9	52.7	123.3
Coke Plants .....	30.2	28.2	28.1	28.9
Other Industrial Plants .....	71.5	67.4	65.5	65.2
Residential/Commercial Users .....	6.5	4.9	4.9	4.1
<b>Total .....</b>	<b>1,030.1</b>	<b>1,038.3</b>	<b>1,045.3</b>	<b>1,080.9</b>
<b>Year-End Coal Stocks</b>				
Electric Power .....	98.8	120.5	136.0	102.2
Coke Plants .....	2.0	2.0	1.9	1.5
Other Industrial Plants .....	5.6	5.5	5.6	4.6
Producers/Distributors .....	34.0	36.5	39.5	31.9
<b>Total .....</b>	<b>140.4</b>	<b>164.6</b>	<b>183.0</b>	<b>140.1</b>
<b>U.S. Coal Trade</b>				
Exports .....	83.5	78.0	58.5	58.5
Steam Coal .....	31.4	31.0	26.3	25.7
Metallurgical Coal .....	52.2	47.1	32.1	32.8
Imports .....	7.5	8.7	9.1	12.5
<b>Net Exports .....</b>	<b>76.1</b>	<b>69.3</b>	<b>49.4</b>	<b>46.0</b>
<b>Average Delivered Price</b>				
Electric Utilities .....	26.16	25.64	24.72	24.28
Coke Plants .....	47.61	46.06	45.85	44.37
Other Industrial Plants .....	32.41	32.26	31.59	31.44
<b>Average Free Alongside Ship (f.a.s.) Price</b>				
Exports .....	40.55	38.89	36.50	34.90
Steam Coal .....	32.42	30.24	29.91	29.67
Metallurgical Coal .....	45.45	44.58	41.91	38.99
Imports .....	34.32	32.18	30.77	30.10

<sup>a</sup>Include utility coal-fired power plants sold to nonutilities during 1998, 1999 and 2000. Coal consumption by cogenerators are included in the end-use sector.

Notes: Totals may not equal sum of components due to independent rounding. Sum of net exports, stock changes, and consumption may not equal production, primarily because the supply and disposition data are obtained from different surveys.

Sources: **Production, consumption, stocks, and prices:** Energy Information Administration, *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001); *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001); *Electric Power Monthly, March 2001*, DOE/EIA-0226(01/03) (Washington, DC, March 2001); and Federal Energy Regulatory Commission Form 423, "Cost and Quality of Fuels for Electric Utilities." **Exports and imports:** U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545" and "Monthly Report IM 145."

exports to Canada. Both Maryland and Virginia increased their production, while Alabama, Ohio, and Tennessee had decreases in coal production in 2000.

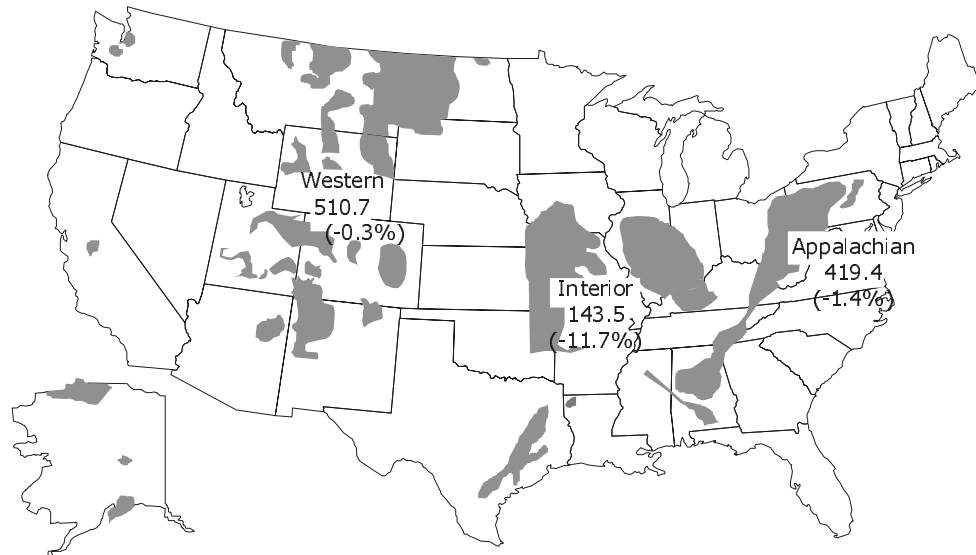
### **Interior Region**

Reflecting the closure of several large mines in the region, coal production in the Interior Region dropped

in 2000 by 19.0 million short tons (11.7 percent) to a level of 143.5 million short tons—extending a downward trend for the region to 4 years. Every major coal-producing State in the Interior Region had lower production levels in 2000. The States in the Illinois Basin (Illinois, Indiana, and Western Kentucky) accounted for 88.5 percent of the loss, falling from a combined total of 104 million short tons to 87.2 million short tons. The greatest decline in

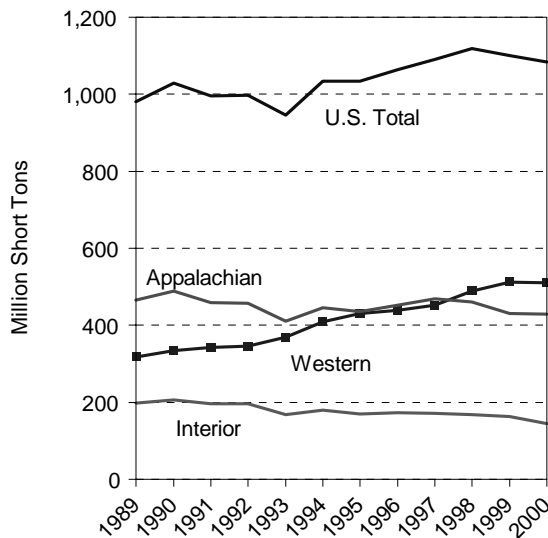
**Figure ES1. Coal Production by Coal-Producing Region, 2000**  
(Million Short Tons and Percent Change from 1999)

**U.S. Total: 1,073.6 Million Short Tons (-2.4 %)**



Source: Energy Information Administration.

**Figure ES2. Coal Production by Region, 1989-2000**



Sources: Energy Information Administration, *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001); *Coal Production*, DOE/EIA-0118, various issues; and *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001).

tonnage for any State in the Interior Region was registered by Illinois (down by 7 million short tons) where production ceased at two major mines, the Peabody's Marissa mine and Arch Coal's Conant mine, which together accounted for 5.8 million short tons of production in 1999. Coal production in the two other Illinois Basin States, Indiana and Western Kentucky, dropped by 6 million short tons (17.8 percent) and by 3.8 million short tons (12.8 percent), respectively. Production ceased at three major mines in Indiana, Peabody's Hawthorn and Lynnville mines, and Kindell Mining's Kindell #1 mine. These three mines produced 7 million short tons of coal in 1999. Texas, the largest coal-producing State in the Interior Region, saw its production level decline by 3.6 million short tons (6.7 percent), which reflects the continuing displacement of state-produced lignite by Powder River Basin coal at several of the State's electric utilities. In the Interior Region, only Louisiana increased production in 2000 from 1999, by 25.3 percent. Coal mining began in Mississippi during the last couple of weeks in December 1999 and continued throughout most of 2000 in preparation for start up of the Choctaw Generation Ltd.'s Red Hills Power Plant.

**Table ES2. U.S. Coal Production by Coal-Producing Region and State, 1997-2000**  
(Million Short Tons)

Coal-Producing Region and State	1997	1998	1999	2000
<b>Appalachian Total</b>	<b>467.8</b>	<b>460.4</b>	<b>425.6</b>	<b>419.4</b>
Alabama	24.5	23.0	19.5	19.3
Kentucky, Eastern	120.9	116.7	110.0	104.9
Maryland	4.2	4.0	3.8	4.5
Ohio	29.2	28.0	22.5	22.3
Pennsylvania Total	76.2	81.0	76.4	74.6
Anthracite	4.7	5.2	4.8	4.6
Bituminous	71.5	75.8	71.6	70.0
Tennessee	3.3	2.7	3.0	2.7
Virginia	35.8	33.7	32.3	32.8
West Virginia	173.7	171.1	158.0	158.3
Northern	42.8	44.7	38.9	37.6
Southern	130.9	126.5	119.2	120.7
<b>Interior Total</b>	<b>170.9</b>	<b>168.4</b>	<b>162.5</b>	<b>143.5</b>
Arkansas	*	*	*	*
Illinois	41.2	39.7	40.4	33.4
Indiana	35.5	36.8	34.0	28.0
Kansas	0.4	0.3	0.4	0.2
Kentucky, Western	34.9	33.6	29.6	25.8
Louisiana	3.5	3.2	3.0	3.7
Mississippi	-	-	*	0.9
Missouri	0.4	0.4	0.4	0.4
Oklahoma	1.6	1.7	1.7	1.6
Texas	53.3	52.6	53.1	49.5
<b>Western Total</b>	<b>451.3</b>	<b>488.8</b>	<b>512.3</b>	<b>510.7</b>
Alaska	1.5	1.3	1.6	1.6
Arizona	11.7	11.3	11.8	13.1
Colorado	27.4	29.6	30.0	29.1
Montana	41.0	42.8	41.1	38.4
New Mexico	27.0	28.6	29.2	27.3
North Dakota	29.6	29.9	31.1	31.3
Utah	26.7	26.1	26.4	26.7
Washington	4.5	4.6	4.1	4.3
Wyoming	281.9	314.4	337.1	338.9
<b>U.S. Total</b>	<b>1,089.9</b>	<b>1,117.5</b>	<b>1,100.4</b>	<b>1,073.6</b>

\* = Less than 50 thousand short tons.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001); and *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001).

### Western Region

In 2000, coal production in the Western Region declined for the first time in 16 years, dropping by 1.7 million short tons to 510.7 million short tons, a decrease of only 0.3 percent. Coal production in this region (as well as in the entire United States) was dominated by Wyoming,

which accounted for two thirds of the regional production and nearly one third of U.S. production in 2000. Wyoming produced 338.9 million short tons of coal—only 7 percent less than the next three largest coal-producing States combined. In 2000, Wyoming continued an 8-year trend of increasing coal production, growing by 1.8 million short tons (0.5 percent). The

continued penetration of Powder River Basin coal into the eastern electric power markets has helped to drive Wyoming production to record level for another year, although the level of growth dropped substantially in 2000. The slowdown in growth in Wyoming was a reflection of the decision by some producers to limit production expansion and by the constraints of the coal transportation (or railroad loadout) capacity in the Powder River Basin.

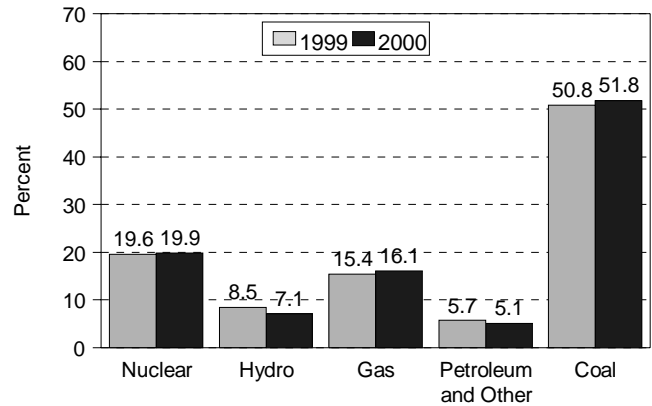
Montana, the second largest coal producing State in the Western Region, had a decrease in production of 2.8 million short tons. Production levels in Colorado and New Mexico also declined in 2000. Colorado produced 29.1 million short tons, a decline of 2.8 percent. In 2000, New Mexico experienced a localized strike and some equipment problems. As a result, some of the producers drew down their stocks thereby decreasing New Mexico's coal production by 1.8 million short tons, to a level of 27.3 million short tons. Arizona increased coal production by 1.3 million short tons (11.2 percent), reflecting the increase in coal-based electric power in the area.

## Consumption

Coal consumption in the United States in 2000 grew 3.5 percent to reach a level of 1,080.9 million short tons. More than 90 percent of all coal was consumed in the electric power sector. The 982.6 million short tons of coal consumed in that sector does not include coal consumed by cogeneration facilities reported in the industrial and commercial sectors. Coal was used to produce 51.8 percent of all electricity generated in the United States (Table ES1 and Figure ES3). Two factors affected the growth in coal consumption for power generation in 2000. The increase of 35.8 million short tons for the generation of electricity was in part a result of a decline in hydroelectric generation in 2000. Hydroelectric generation show a drop of 40.3 billion kilowatthours from the 1999 level.

The other factor affecting the higher level of consumption was weather. The summer of 2000 was warmer in some parts of the country than it was in 1999. During June through September, the Mountain Census Division experienced growth in cooling-degree days of more than 16 percent than the same period in 1999. During August 2000, the East North Central and West North Central Census Divisions had a higher number of cooling-degree days, 29 and 38 percent, respectively, when compared to August 1999. In addition, the cooler than normal weather across most of the nation during April,

**Figure ES3. Share of Electric Power Industry Net Generation by Energy Source, 1999 vs. 2000**



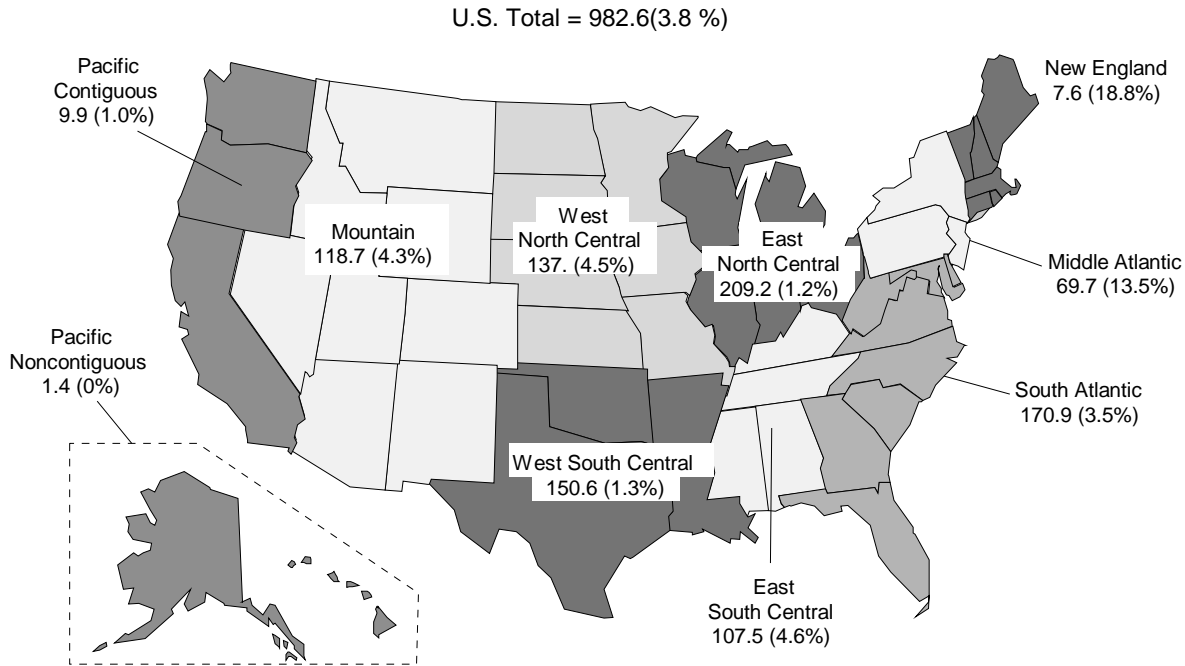
Sources: Energy Information Administration, *Electric Power Monthly*, March 2001, DOE/EIA-0226(01/02) (Washington, DC, March 2001); Form EIA-860B, "Annual Electric Generator Report - Nonutility," and Form EIA-900, "Monthly Nonutility Power Report."

November, and December also resulted in higher coal consumption for electricity generation. Six of the nine Census Divisions (New England, Middle Atlantic, East North Central, West North Central, South Atlantic, and East South Central) had a rise in heating-degree days in April compared with April 1999, ranging from 6.6 to 69.7 percent higher. During November and December 2000, all nine Census Divisions had growth in heating-degree days, compared with the same period in 1999. These changes in weather resulted in increased coal consumption for electricity generation for the year in every Census Division except the West South Central. The West South Central Census Division had a significant increase in natural gas-fired generation, which resulted in a decrease in coal consumption for generation of 1.7 million short tons (1.2 percent).

Coal use in the non-electric power sector increased in 2000 for the first time in 6 years. While there was a decline (15.7 percent) in coal consumed in the residential/commercial sector, consumption by coke plants and other industrial plants increased. Coal consumed at coke plants increased in 2000 by 0.8 million short tons, up of 3 percent. This increase was reflective of a 3.5 percent increase in pig iron production in the United States (Figure ES5).

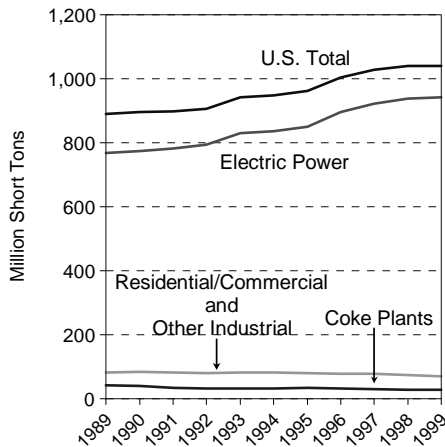
Coal prices, on an annual basis, declined in 2000, continuing the downward trend of the last several years. Although there were higher prices for some of the consuming sectors as a result of the increasing fuel costs

**Figure ES4. Electric Power Sector Consumption of Coal by Census Division, 2000**  
(Million Short Tons and Percent Change from 1999)



Sources: Energy Information Administration, *Electric Power Monthly, March 2001*, DOE/EIA-0226(01/03) (Washington, DC, March 2001); Form EIA-860B, "Annual Electric Generator Report - Nonutility," and Form EIA-900, "Monthly Nonutility Power Report."

**Figure ES5. Coal Consumption by Sector, 1989-2000**



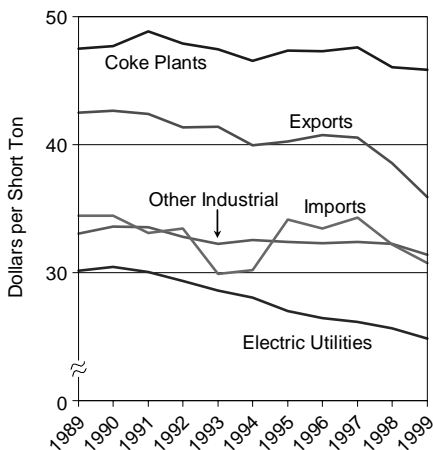
Sources: Energy Information Administration, *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001); *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001); and *Electric Power Monthly, March 2001*, DOE/EIA-0226(01/03) (Washington, DC, March 2001).

at the end of the year (on a delivered basis), the average price of utility coal (on a delivered basis) declined 1.8 percent, for an annual average of \$24.28 per short ton (120.1 cents per million Btu). Coking coal prices dropped to \$44.37 per short ton, a 3.2-percent decline over the 1999 price. The price of other industrial steam coal was slightly lower in 2000 with an annual average price of \$31.44 per short ton (Figure ES6).

### Exports and Imports

**Exports**—In 2000, total U.S. coal exports remained unchanged from 1999 at 58.5 million short tons, reversing a 3-year declining trend (Figure ES7). The highly competitive world coal market was again dominated by Australia, the leading coal-exporting country. The strong U.S. dollar in 1999 and 2000 gave an edge to other coal-exporting countries when contract prices were negotiated. Metallurgical coal exports increased in 2000 by 2.2 percent, regaining some of the loss experienced in 1999. The slight boost in metallurgical coal exports was helped by the world wide demand for steel, as well as a price

**Figure ES6. Delivered Coal Prices, 1989-2000 (Nominal Dollars)**

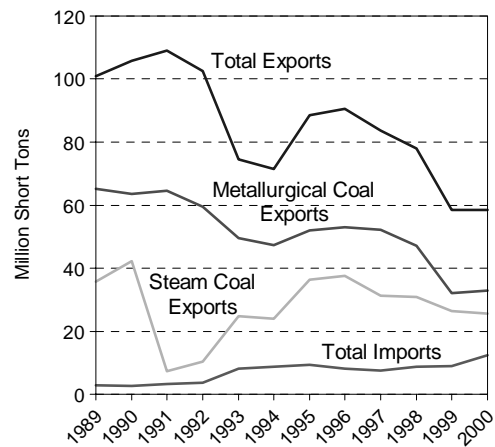


Sources: Energy Information Administration, *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001); *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001); *Electric Power Monthly, March 2001*, DOE/EIA-0226(01/03) (Washington, DC, March 2001); and U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545" and "Monthly Report IM 145."

drop of 7 percent on a per ton f.a.s. basis for metallurgical coal exports. The average price per ton dropped from \$41.91 in 1999 to \$38.99, a price that has not been seen in decades. Of the major U.S. buyers of metallurgical coal, Belgium and Luxembourg, Brazil, Spain, and Turkey each increased their imports of U.S. metallurgical coal. Canada, France, Italy, Japan, Korea, the Netherlands, and the United Kingdom, all imported less metallurgical coal in 2000. Reflecting the competitiveness in the Asian market, U.S. exports of metallurgical coal to the region declined in 2000 by 42 percent. Japan imported less than 1 million short tons in 2000, a drop of 57.6 percent, and Korea imported 29.5 percent less coal than in 1999.

The market for U.S. steam coal exports dropped somewhat in 2000. Total steam coal exports were down (by 2.6 percent) to a level of 25.7 million short tons, down from 26.3 million short tons in 1999. Canada represented the largest steam coal export market for the United States, accounting for 58.1 percent of all steam coal exports in 2000, despite the 4.1 percent drop from the 1999 level. Other major declines in steam coal exports were experienced in Mexico (1 million short tons) and in China, (0.8 million short tons). Although total steam coal exports were down overall, Japan and the United Kingdom increased their share of U.S. steam coal exports. The increases of 38.1 percent for the United Kingdom and 28.2 percent for Japan were not enough to compensate for the declines by other countries. The f.a.s.

**Figure ES7. U.S. Coal Exports and Imports, 1989-2000**



Sources: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545" and "Monthly Report IM 145."

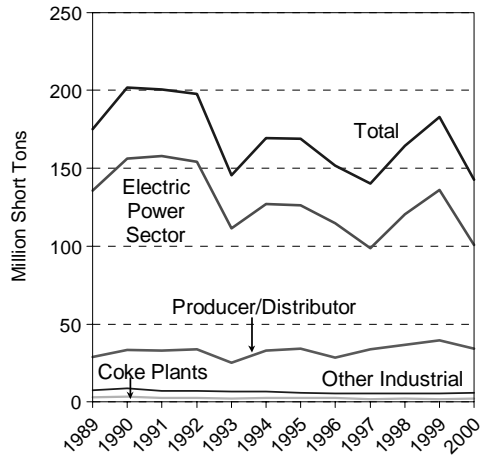
price of steam coal declined by only 0.8 percent in 2000 to \$29.67 per short ton.

**Imports**—Coal imports, although an extremely small part of the total U.S. coal supply (less than 1 percent of total consumption), increased dramatically in 2000. Total coal imports were 12.5 million short tons, an increase of 37.7 percent (Figure ES7). The rise in imports in 2000 was attributable to the heightened demand for low-sulfur coal to meet the stricter sulfur emission requirements of Phase II of the Clean Air Act Amendments (CAAA) of 1990. Electric utilities accounted for 60 percent of all coal imports with other power producers accounting for approximately 20 percent. A significant portion of the increase can be attributed to higher receipts of imported coal by utilities in Alabama. The average price of U.S. coal imports for 2000 was \$30.10 per short ton, only slightly less than the 1999 value of \$30.77 per short ton. Colombia remained the largest supplier of U.S. coal imports with 7.6 million short tons, or 61 percent of all coal imports. Venezuela and Canada followed with 2 million short tons and 1.9 million short tons, respectively.

## Stocks

Coal stocks at the end of 2000 totaled 140.1 million short tons, a drop of 43.4 million short tons (Figure ES8). Stocks held by coal producers and distributors fell by 7.6 million short tons, a decrease of 19.2 percent. Industrial users, including coke plants, held a total of 6.1 million short tons, a decrease of 1.4 million short tons. Coal stocks in the electric power sector declined by 34.4

**Figure ES8. Year-End Coal Stocks, 1989-2000**



million short tons in 2000, helping to keep production levels down. The colder than normal weather in many parts of the country combined with the tight coal market at the end of the year, kept inventories at levels well below historical levels.

Sources: Energy Information Administration, *Quarterly Coal Report, October-December 2000*, DOE/EIA-0121(00/4Q) (Washington, DC, April 2001); *Coal Industry Annual 1999*, DOE/EIA-0584(99) (Washington, DC, June 2001); and *Electric Power Monthly, March 2001*, DOE/EIA-0226(01/03) (Washington, DC, March 2001).



# Supply

# Production

**Table 1. Coal Production by State, 1991, 1996-2000**

(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	19,324	19,504	23,013	24,468	24,637	27,269	-0.9	-5.9	-3.8
Alaska.....	1,641	1,565	1,344	1,450	1,481	1,436	4.8	2.6	1.5
Arizona.....	13,111	11,787	11,315	11,723	10,442	13,203	11.2	5.8	-1
Arkansas.....	12	22	24	18	21	52	-47.3	-13.7	-15.3
California.....	-	-	-	-	-	57	-	-	-
Colorado.....	29,137	29,989	29,631	27,449	24,886	17,834	-2.8	4.0	5.6
Illinois.....	33,444	40,417	39,732	41,159	46,656	60,258	-17.3	-8.0	-6.3
Indiana.....	27,965	34,004	36,803	35,497	29,670	31,468	-17.8	-1.5	-1.3
Iowa.....	-	-	-	-	-	344	-	-	-
Kansas.....	201	409	341	360	232	416	-50.8	-3.5	-7.8
Kentucky Total.....	130,688	139,626	150,295	155,853	152,425	158,980	-6.4	-3.8	-2.1
Eastern.....	104,901	110,043	116,654	120,918	116,951	117,220	-4.7	-2.7	-1.2
Western.....	25,787	29,583	33,641	34,936	35,474	41,760	-12.8	-7.7	-5.2
Louisiana.....	3,699	2,953	3,216	3,545	3,221	3,151	25.3	3.5	1.8
Maryland.....	4,546	3,837	4,060	4,160	4,093	3,773	18.5	2.7	2.1
Mississippi.....	902	18	-	-	-	-	NM	-	-
Missouri.....	436	392	372	401	710	2,304	11.3	-11.4	-16.9
Montana.....	38,352	41,102	42,840	41,005	37,891	38,237	-6.7	.3	*
New Mexico.....	27,323	29,156	28,597	27,025	24,067	21,518	-6.3	3.2	2.7
North Dakota.....	31,270	31,135	29,912	29,580	29,861	29,530	.4	1.1	.6
Ohio.....	22,269	22,480	28,048	29,154	28,572	30,569	-9	-6.0	-3.4
Oklahoma.....	1,588	1,661	1,661	1,621	1,701	1,841	-4.4	-1.7	-1.6
Pennsylvania Total.....	74,619	76,399	81,036	76,198	67,942	65,381	-2.3	2.4	1.5
Anthracite.....	4,572	4,753	5,231	4,678	4,751	3,445	-3.8	-9	3.2
Bituminous.....	70,046	71,646	75,805	71,520	63,190	61,936	-2.2	2.6	1.4
Tennessee.....	2,669	3,037	2,696	3,300	3,651	4,290	-12.1	-7.5	-5.1
Texas.....	49,498	53,072	52,583	53,328	55,164	53,825	-6.7	-2.7	-9
Utah.....	26,656	26,373	26,075	26,683	27,507	21,945	1.1	-8	2.2
Virginia.....	32,834	32,294	33,747	35,837	35,590	41,954	1.7	-2.0	-2.7
Washington.....	4,270	4,101	4,638	4,495	4,565	5,143	4.1	-1.6	-2.0
West Virginia Total.....	158,257	157,978	171,145	173,743	170,433	167,352	.2	-1.8	-6
Northern.....	37,601	38,788	44,618	42,802	45,910	52,155	-3.1	-4.9	-3.6
Southern.....	120,656	119,191	126,527	130,941	124,523	115,196	1.2	-8	.5
Wyoming.....	338,900	337,119	314,409	281,881	278,440	193,854	.5	5.0	6.4
<b>Appalachian Total<sup>1</sup>.....</b>	<b>419,419</b>	<b>425,573</b>	<b>460,400</b>	<b>467,778</b>	<b>451,868</b>	<b>457,808</b>	<b>-1.4</b>	<b>-1.8</b>	<b>-1.0</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>143,531</b>	<b>162,530</b>	<b>168,374</b>	<b>170,863</b>	<b>172,848</b>	<b>195,418</b>	<b>-11.7</b>	<b>-4.5</b>	<b>-3.4</b>
<b>Western Total<sup>1</sup>.....</b>	<b>510,661</b>	<b>512,328</b>	<b>488,762</b>	<b>451,291</b>	<b>439,140</b>	<b>342,758</b>	<b>-3</b>	<b>3.8</b>	<b>4.5</b>
<b>East of Miss. River.....</b>	<b>507,517</b>	<b>529,594</b>	<b>570,576</b>	<b>579,369</b>	<b>563,668</b>	<b>591,294</b>	<b>-4.2</b>	<b>-2.6</b>	<b>-1.7</b>
<b>West of Miss. River.....</b>	<b>566,094</b>	<b>570,837</b>	<b>546,960</b>	<b>510,563</b>	<b>500,188</b>	<b>404,690</b>	<b>-8</b>	<b>3.1</b>	<b>3.8</b>
<b>U.S. Total.....</b>	<b>1,073,612</b>	<b>1,100,431</b>	<b>1,117,535</b>	<b>1,089,932</b>	<b>1,063,856</b>	<b>995,984</b>	<b>-2.4</b>	<b>.2</b>	<b>.8</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 2. Number of Coal Mines by State, 1991, 1996-2000**

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	42	47	53	51	53	96	-10.6	-5.6	-8.8
Alaska.....	1	1	1	1	1	1	-	-	-
Arizona.....	2	2	2	2	2	2	-	-	-
Arkansas.....	3	3	3	3	5	7	-	-12.0	-9.0
California.....	-	-	-	-	-	1	-	-	-
Colorado.....	12	12	12	14	15	21	-	-5.4	-6.0
Illinois.....	18	23	24	28	31	51	-21.7	-12.7	-10.9
Indiana.....	30	34	41	39	37	58	-11.8	-5.1	-7.1
Iowa.....	-	-	-	-	-	3	-	-	-
Kansas.....	1	2	2	3	1	3	-50.0	-	-11.5
Kentucky Total.....	408	458	482	529	544	838	-10.9	-6.9	-7.7
Eastern.....	382	421	445	482	484	756	-9.3	-5.7	-7.3
Western.....	26	37	37	47	60	82	-29.7	-18.9	-12.0
Louisiana.....	2	2	2	2	2	2	-	-	-
Maryland.....	16	15	16	18	18	26	6.7	-2.9	-5.3
Mississippi.....	1	1	-	-	-	-	-	-	-
Missouri.....	2	2	4	4	5	5	-	-20.5	-9.7
Montana.....	6	6	6	8	8	9	-	-6.9	-4.4
New Mexico.....	7	7	7	6	6	7	-	3.9	-
North Dakota.....	4	4	4	6	5	8	-	-5.4	-7.4
Ohio.....	60	79	83	81	99	159	-24.0	-11.8	-10.3
Oklahoma.....	8	10	8	11	12	22	-20.0	-9.6	-10.6
Pennsylvania Total.....	307	339	375	403	402	608	-9.4	-6.5	-7.3
Anthracite.....	112	111	123	131	127	176	.9	-3.1	-4.9
Bituminous.....	195	228	252	272	275	432	-14.5	-8.2	-8.4
Tennessee.....	20	24	27	27	26	72	-16.7	-6.3	-13.3
Texas.....	14	14	14	12	13	15	-	1.9	-8
Utah.....	13	15	15	12	11	15	-13.3	4.3	-1.6
Virginia.....	156	161	173	191	191	294	-3.1	-4.9	-6.8
Washington.....	2	2	2	3	3	3	-	-9.6	-4.4
West Virginia Total.....	297	306	346	349	386	665	-2.9	-6.3	-8.6
Northern.....	68	71	69	80	93	174	-4.2	-7.5	-9.9
Southern.....	229	235	277	269	293	491	-2.5	-6.0	-8.1
Wyoming.....	21	22	24	25	27	31	-4.5	-6.1	-4.2
<b>Appalachian Total<sup>1</sup>.....</b>	<b>1,280</b>	<b>1,392</b>	<b>1,518</b>	<b>1,602</b>	<b>1,659</b>	<b>2,676</b>	<b>-8.0</b>	<b>-6.3</b>	<b>-7.9</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>105</b>	<b>128</b>	<b>135</b>	<b>149</b>	<b>166</b>	<b>248</b>	<b>-18.0</b>	<b>-10.8</b>	<b>-9.1</b>
<b>Western Total<sup>1</sup>.....</b>	<b>68</b>	<b>71</b>	<b>73</b>	<b>77</b>	<b>78</b>	<b>98</b>	<b>-4.2</b>	<b>-3.4</b>	<b>-4.0</b>
<b>East of Miss. River.....</b>	<b>1,355</b>	<b>1,487</b>	<b>1,620</b>	<b>1,716</b>	<b>1,787</b>	<b>2,867</b>	<b>-8.9</b>	<b>-6.7</b>	<b>-8.0</b>
<b>West of Miss. River.....</b>	<b>98</b>	<b>104</b>	<b>106</b>	<b>112</b>	<b>116</b>	<b>155</b>	<b>-5.8</b>	<b>-4.1</b>	<b>-5.0</b>
<b>U.S. Total.....</b>	<b>1,453</b>	<b>1,591</b>	<b>1,726</b>	<b>1,828</b>	<b>1,903</b>	<b>3,022</b>	<b>-8.7</b>	<b>-6.5</b>	<b>-7.8</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Note: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 3. Coal Production and Number of Mines by State and Mine Type, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Underground		Surface		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
Alabama.....	9	15,895	33	3,430	42	19,324
Alaska.....	—	—	1	1,641	1	1,641
Arizona.....	—	—	2	13,111	2	13,111
Arkansas.....	—	—	3	12	3	12
Colorado.....	8	19,982	4	9,155	12	29,137
Illinois.....	12	29,642	6	3,802	18	33,444
Indiana.....	5	3,688	25	24,277	30	27,965
Kansas.....	—	—	1	201	1	201
Kentucky Total.....	246	80,177	162	50,511	408	130,688
Eastern.....	234	59,787	148	45,114	382	104,901
Western.....	12	20,390	14	5,397	26	25,787
Louisiana.....	—	—	2	3,699	2	3,699
Maryland.....	2	3,196	14	1,350	16	4,546
Mississippi.....	—	—	1	902	1	902
Missouri.....	—	—	2	436	2	436
Montana.....	—	—	6	38,352	6	38,352
New Mexico.....	1	4	6	27,320	7	27,323
North Dakota.....	—	—	4	31,270	4	31,270
Ohio.....	9	11,933	51	10,336	60	22,269
Oklahoma.....	1	241	7	1,346	8	1,588
Pennsylvania Total.....	82	57,959	225	16,659	307	74,619
Anthracite.....	34	309	78	4,263	112	4,572
Bituminous.....	48	57,650	147	12,396	195	70,046
Tennessee.....	11	1,456	9	1,213	20	2,669
Texas.....	—	—	14	49,498	14	49,498
Utah.....	13	26,656	—	—	13	26,656
Virginia.....	107	23,181	49	9,654	156	32,834
Washington.....	—	—	2	4,270	2	4,270
West Virginia Total.....	200	98,439	97	59,818	297	158,257
Northern.....	39	32,281	29	5,319	68	37,601
Southern.....	161	66,158	68	54,498	229	120,656
Wyoming.....	1	1,210	20	337,691	21	338,900
<b>Appalachian Total<sup>1</sup>.....</b>	<b>654</b>	<b>271,845</b>	<b>626</b>	<b>147,574</b>	<b>1,280</b>	<b>419,419</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>30</b>	<b>53,962</b>	<b>75</b>	<b>89,570</b>	<b>105</b>	<b>143,531</b>
<b>Western Total<sup>1</sup>.....</b>	<b>23</b>	<b>47,852</b>	<b>45</b>	<b>462,809</b>	<b>68</b>	<b>510,661</b>
<b>East of Miss. River.....</b>	<b>683</b>	<b>325,565</b>	<b>672</b>	<b>181,952</b>	<b>1,355</b>	<b>507,517</b>
<b>West of Miss. River.....</b>	<b>24</b>	<b>48,093</b>	<b>74</b>	<b>518,001</b>	<b>98</b>	<b>566,094</b>
<b>U.S. Total.....</b>	<b>707</b>	<b>373,659</b>	<b>746</b>	<b>699,953</b>	<b>1,453</b>	<b>1,073,612</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

**Table 4. Coal Production and Number of Mines by State, County, and Mine Type, 2000**  
(Thousand Short Tons)

Coal-Producing State and County	Underground		Surface		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
<b>Alabama</b> .....	<b>9</b>	<b>15,895</b>	<b>33</b>	<b>3,430</b>	<b>42</b>	<b>19,324</b>
Bibb.....	-	-	1	66	1	66
Cullman.....	-	-	1	17	1	17
Fayette.....	1	2,604	-	-	1	2,604
Jackson.....	-	-	1	5	1	5
Jefferson.....	3	6,364	4	467	7	6,831
Marion.....	-	-	2	80	2	80
Shelby.....	1	25	-	-	1	25
Tuscaloosa.....	3	6,787	5	579	8	7,366
Walker.....	1	115	16	1,883	17	1,998
Winston.....	-	-	3	332	3	332
<b>Alaska</b> .....	<b>-</b>	<b>-</b>	<b>1</b>	<b>1,641</b>	<b>1</b>	<b>1,641</b>
Yukon River.....	-	-	1	1,641	1	1,641
<b>Arizona</b> .....	<b>-</b>	<b>-</b>	<b>2</b>	<b>13,111</b>	<b>2</b>	<b>13,111</b>
Navajo.....	-	-	2	13,111	2	13,111
<b>Arkansas</b> .....	<b>-</b>	<b>-</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>12</b>
Johnson.....	-	-	2	6	2	6
Sebastian.....	-	-	1	6	1	6
<b>Colorado</b> .....	<b>8</b>	<b>19,982</b>	<b>4</b>	<b>9,155</b>	<b>12</b>	<b>29,137</b>
Delta.....	1	5,034	-	-	1	5,034
Fremont.....	1	197	-	-	1	197
Garfield.....	1	305	-	-	1	305
Gunnison.....	2	5,508	-	-	2	5,508
La Plata.....	1	186	-	-	1	186
Moffat.....	-	-	2	7,230	2	7,230
Montrose.....	-	-	1	365	1	365
Rio Blanco.....	1	1,530	-	-	1	1,530
Routt.....	1	7,222	1	1,560	2	8,782
<b>Illinois</b> .....	<b>12</b>	<b>29,642</b>	<b>6</b>	<b>3,802</b>	<b>18</b>	<b>33,444</b>
Gallatin.....	1	1,955	2	2,332	3	4,286
Jackson.....	-	-	2	891	2	891
Jefferson.....	1	2,739	-	-	1	2,739
Macoupin.....	2	4,264	-	-	2	4,264
McDonough.....	-	-	1	507	1	507
Montgomery.....	1	2,074	-	-	1	2,074
Perry.....	-	-	1	73	1	73
Randolph.....	1	2,504	-	-	1	2,504
Saline.....	2	9,212	-	-	2	9,212
Sangamon.....	1	1,954	-	-	1	1,954
Vermilion.....	1	992	-	-	1	992
Wabash.....	1	1,505	-	-	1	1,505
White.....	1	2,442	-	-	1	2,442
<b>Indiana</b> .....	<b>5</b>	<b>3,688</b>	<b>25</b>	<b>24,277</b>	<b>30</b>	<b>27,965</b>
Clay.....	-	-	1	18	1	18
Daviess.....	-	-	4	3,645	4	3,645
Gibson.....	1	38	6	7,092	7	7,129
Greene.....	-	-	2	1,612	2	1,612
Knox.....	3	3,541	3	1,999	6	5,540
Owen.....	-	-	1	74	1	74
Parke.....	-	-	1	135	1	135
Pike.....	1	110	3	3,337	4	3,447
Sullivan.....	-	-	1	1,373	1	1,373
Vigo.....	-	-	1	3,903	1	3,903
Warrick.....	-	-	2	1,089	2	1,089
<b>Kansas</b> .....	<b>-</b>	<b>-</b>	<b>1</b>	<b>201</b>	<b>1</b>	<b>201</b>
Linn.....	-	-	1	201	1	201
<b>Kentucky</b> .....	<b>246</b>	<b>80,177</b>	<b>162</b>	<b>50,511</b>	<b>408</b>	<b>130,688</b>
Bell.....	9	1,725	12	1,208	21	2,933
Breathitt.....	-	-	4	1,026	4	1,026
Butler.....	-	-	1	17	1	17
Christian.....	-	-	1	194	1	194
Clay.....	-	-	1	9	1	9
Daviess.....	-	-	1	674	1	674
Floyd.....	25	1,896	1	782	26	2,678
Harlan.....	32	8,191	13	1,934	45	10,125
Henderson.....	-	-	1	1,165	1	1,165
Hopkins.....	5	4,616	2	1,675	7	6,291
Johnson.....	3	475	1	15	4	491
Knott.....	25	6,356	23	6,277	48	12,633
Knox.....	9	383	3	6	12	389
Laurel.....	-	-	2	29	2	29

See footnotes at end of table.

**Table 4. Coal Production and Number of Mines by State, County, and Mine Type, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and County	Underground		Surface		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
<b>Kentucky (Continued)</b>						
Lawrence.....	—	—	3	120	3	120
Leslie.....	9	5,537	2	1,750	11	7,286
Letcher.....	24	5,145	24	4,335	48	9,479
Martin.....	17	5,701	6	5,437	23	11,138
Morgan.....	1	6	2	49	3	55
Muhlenberg.....	3	1,942	4	1,272	7	3,214
Ohio.....	—	—	3	296	3	296
Owsley.....	—	—	1	22	1	22
Perry.....	10	5,752	13	6,549	23	12,301
Pike.....	68	18,605	33	15,404	101	34,009
Union.....	2	5,663	—	—	2	5,663
Webster.....	2	8,169	1	103	3	8,272
Whitley.....	2	16	4	160	6	176
<b>Louisiana</b> .....	—	—	<b>2</b>	<b>3,699</b>	<b>2</b>	<b>3,699</b>
De Soto.....	—	—	1	2,925	1	2,925
Red River.....	—	—	1	773	1	773
<b>Maryland</b> .....	<b>2</b>	<b>3,196</b>	<b>14</b>	<b>1,350</b>	<b>16</b>	<b>4,546</b>
Allegany.....	—	—	10	1,229	10	1,229
Garrett.....	2	3,196	4	120	6	3,317
<b>Mississippi</b> .....	—	—	<b>1</b>	<b>902</b>	<b>1</b>	<b>902</b>
Choctaw.....	—	—	1	902	1	902
<b>Missouri</b> .....	—	—	<b>2</b>	<b>436</b>	<b>2</b>	<b>436</b>
Bates.....	—	—	2	436	2	436
<b>Montana</b> .....	—	—	<b>6</b>	<b>38,352</b>	<b>6</b>	<b>38,352</b>
Big Horn.....	—	—	3	26,145	3	26,145
Richland.....	—	—	1	372	1	372
Rosebud.....	—	—	2	11,835	2	11,835
<b>New Mexico</b> .....	<b>1</b>	<b>4</b>	<b>6</b>	<b>27,320</b>	<b>7</b>	<b>27,323</b>
Colfax.....	—	—	1	1,137	1	1,137
McKinley.....	—	—	2	10,310	2	10,310
San Juan.....	1	4	3	15,872	4	15,876
<b>North Dakota</b> .....	—	—	<b>4</b>	<b>31,270</b>	<b>4</b>	<b>31,270</b>
McLean.....	—	—	1	7,633	1	7,633
Mercer.....	—	—	2	18,859	2	18,859
Oliver.....	—	—	1	4,777	1	4,777
<b>Ohio</b> .....	<b>9</b>	<b>11,933</b>	<b>51</b>	<b>10,336</b>	<b>60</b>	<b>22,269</b>
Athens.....	1	519	1	25	2	544
Belmont.....	1	4,619	5	898	6	5,518
Carroll.....	—	—	2	45	2	45
Columbiana.....	1	349	4	149	5	498
Coshocton.....	—	—	2	58	2	58
Gallia.....	—	—	1	203	1	203
Guernsey.....	—	—	2	20	2	20
Harrison.....	1	1,729	8	1,308	9	3,037
Holmes.....	—	—	2	167	2	167
Jackson.....	—	—	2	1,425	2	1,425
Jefferson.....	3	399	4	275	7	674
Mahoning.....	—	—	1	8	1	8
Meigs.....	2	4,318	—	—	2	4,318
Morgan.....	—	—	1	1,050	1	1,050
Muskingum.....	—	—	1	685	1	685
Noble.....	—	—	1	370	1	370
Perry.....	—	—	3	971	3	971
Stark.....	—	—	4	688	4	688
Tuscarawas.....	—	—	5	793	5	793
Vinton.....	—	—	2	1,199	2	1,199
<b>Oklahoma</b> .....	<b>1</b>	<b>241</b>	<b>7</b>	<b>1,346</b>	<b>8</b>	<b>1,588</b>
Craig.....	—	—	1	167	1	167
Haskell.....	—	—	1	522	1	522
Latimer.....	—	—	1	16	1	16
Le Flore.....	1	241	2	468	3	710
Okmulgee.....	—	—	1	5	1	5
Rogers.....	—	—	1	168	1	168
<b>Pennsylvania</b> .....	<b>82</b>	<b>57,959</b>	<b>225</b>	<b>16,659</b>	<b>307</b>	<b>74,619</b>
Allegheny.....	1	*	1	15	2	15
Armstrong.....	11	3,039	11	930	22	3,970
Beaver.....	1	292	—	—	1	292
Bedford.....	—	—	1	2	1	2
Butler.....	—	—	5	495	5	495
Cambria.....	2	57	9	962	11	1,019

See footnotes at end of table.

**Table 4. Coal Production and Number of Mines by State, County, and Mine Type, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and County	Underground		Surface		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
<b>Pennsylvania (Continued)</b>						
Carbon .....	—	—	1	8	1	8
Clarion .....	—	—	6	558	6	558
Clearfield .....	2	97	32	3,137	34	3,234
Columbia .....	1	155	3	127	4	282
Dauphin .....	1	1	1	18	2	19
Elk .....	—	—	4	490	4	490
Fayette .....	—	—	9	182	9	182
Greene .....	10	42,480	3	206	13	42,686
Indiana .....	8	1,948	15	488	23	2,437
Jefferson .....	1	222	16	850	17	1,072
Lackawanna .....	—	—	4	99	4	99
Lawrence .....	—	—	2	87	2	87
Luzerne .....	1	8	15	1,289	16	1,297
Lycoming .....	—	—	1	263	1	263
Northumberland .....	6	17	7	924	13	941
Schuylkill .....	25	128	45	1,762	70	1,890
Somerset .....	9	1,906	18	2,443	27	4,349
Sullivan .....	—	—	2	37	2	37
Venango .....	—	—	1	85	1	85
Washington .....	3	7,610	5	566	8	8,175
Westmoreland .....	—	—	8	637	8	637
<b>Tennessee</b> .....	<b>11</b>	<b>1,456</b>	<b>9</b>	<b>1,213</b>	<b>20</b>	<b>2,669</b>
Anderson .....	—	—	1	41	1	41
Campbell .....	4	404	3	499	7	903
Claiborne .....	4	961	3	396	7	1,357
Cumberland .....	—	—	1	265	1	265
Fentress .....	—	—	1	12	1	12
Morgan .....	2	31	—	—	2	31
Scott .....	1	59	—	—	1	59
<b>Texas</b> .....	<b>—</b>	<b>—</b>	<b>14</b>	<b>49,498</b>	<b>14</b>	<b>49,498</b>
Atascosa .....	—	—	1	3,425	1	3,425
Freestone .....	—	—	1	4,265	1	4,265
Harrison .....	—	—	2	3,719	2	3,719
Hopkins .....	—	—	1	2,306	1	2,306
Leon .....	—	—	1	7,988	1	7,988
Milam .....	—	—	1	6,624	1	6,624
Panola .....	—	—	2	6,160	2	6,160
Robertson .....	—	—	1	1,635	1	1,635
Rusk .....	—	—	1	6,886	1	6,886
Titus .....	—	—	2	6,310	2	6,310
Webb .....	—	—	1	180	1	180
<b>Utah</b> .....	<b>13</b>	<b>26,656</b>	<b>—</b>	<b>—</b>	<b>13</b>	<b>26,656</b>
Carbon .....	7	7,411	—	—	7	7,411
Emery .....	3	12,301	—	—	3	12,301
Sevier .....	3	6,945	—	—	3	6,945
<b>Virginia</b> .....	<b>107</b>	<b>23,181</b>	<b>49</b>	<b>9,654</b>	<b>156</b>	<b>32,834</b>
Buchanan .....	40	9,390	12	1,765	52	11,155
Dickenson .....	23	3,155	8	1,104	31	4,259
Lee .....	3	870	1	31	4	901
Russell .....	2	157	—	—	2	157
Tazewell .....	8	1,470	—	—	8	1,470
Wise .....	31	8,139	28	6,753	59	14,892
<b>Washington</b> .....	<b>—</b>	<b>—</b>	<b>2</b>	<b>4,270</b>	<b>2</b>	<b>4,270</b>
King .....	—	—	1	*	1	*
Lewis .....	—	—	1	4,270	1	4,270
<b>West Virginia</b> .....	<b>200</b>	<b>98,439</b>	<b>97</b>	<b>59,818</b>	<b>297</b>	<b>158,257</b>
Barbour .....	2	557	3	102	5	659
Boone .....	25	20,071	7	11,851	32	31,922
Brooke .....	1	1,897	—	—	1	1,897
Clay .....	—	—	5	5,128	5	5,128
Fayette .....	2	890	6	3,053	8	3,942
Grant .....	2	290	2	362	4	652
Greenbrier .....	3	529	2	34	5	563
Harrison .....	9	7,212	5	219	14	7,431
Kanawha .....	8	5,783	7	8,964	15	14,748
Lincoln .....	2	734	—	—	2	734
Logan .....	15	2,412	7	5,589	22	8,001
Marion .....	—	—	2	28	2	28
Marshall .....	2	10,338	—	—	2	10,338
McDowell .....	45	3,067	9	2,507	54	5,574

See footnotes at end of table.



**Table 4. Coal Production and Number of Mines by State, County, and Mine Type, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and County	Underground		Surface		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
<b>West Virginia (Continued)</b>						
Mineral.....	—	—	1	45	1	45
Mingo.....	21	11,691	12	9,386	33	21,076
Monongalia.....	5	5,647	3	988	8	6,635
Nicholas.....	5	926	4	3,900	9	4,826
Preston.....	4	1,150	6	83	10	1,232
Raleigh.....	14	9,921	3	117	17	10,038
Tucker.....	—	—	2	202	2	202
Upshur.....	8	2,786	4	100	12	2,886
Wayne.....	7	3,959	1	2,052	8	6,012
Webster.....	6	2,405	1	3,190	7	5,595
Wyoming.....	14	6,174	5	1,917	19	8,092
<b>Wyoming</b> .....	<b>1</b>	<b>1,210</b>	<b>20</b>	<b>337,691</b>	<b>21</b>	<b>338,900</b>
Campbell.....	—	—	12	299,676	12	299,676
Carbon.....	1	1,210	2	775	3	1,985
Converse.....	—	—	2	23,602	2	23,602
Lincoln.....	—	—	1	3,726	1	3,726
Sheridan.....	—	—	1	36	1	36
Sweetwater.....	—	—	2	9,875	2	9,875
<b>U.S. Total</b> .....	<b>707</b>	<b>373,659</b>	<b>746</b>	<b>699,953</b>	<b>1,453</b>	<b>1,073,612</b>

\* Data round to zero.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Coal production is attributed to the county in which the mine originally opened. Production excludes silt, culm, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

**Table 5. Underground Coal Production by State and Mining Method, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>	Total
Alabama.....	212	—	15,683	—	15,895
Colorado.....	688	—	17,764	1,530	19,982
Illinois.....	16,875	—	12,767	—	29,642
Indiana.....	3,688	—	—	—	3,688
Kentucky Total.....	68,267	1,734	10,020	156	80,177
Eastern.....	55,983	1,734	1,914	156	59,787
Western.....	12,284	—	8,106	—	20,390
Maryland.....	529	—	2,667	—	3,196
New Mexico.....	—	—	—	4	4
Ohio.....	2,996	—	8,937	*	11,933
Oklahoma.....	241	—	—	—	241
Pennsylvania Total.....	8,542	63	49,240	114	57,959
Anthracite.....	155	63	—	90	309
Bituminous.....	8,387	—	49,240	23	57,650
Tennessee.....	1,453	—	—	2	1,456
Utah.....	2,642	—	24,007	7	26,656
Virginia.....	15,761	—	6,727	692	23,181
West Virginia Total.....	56,721	555	39,952	1,211	98,439
Northern.....	9,785	—	22,484	12	32,281
Southern.....	46,935	555	17,468	1,199	66,158
Wyoming.....	—	—	1,210	—	1,210
<b>Appalachian Total<sup>5</sup>.....</b>	<b>142,197</b>	<b>2,353</b>	<b>125,119</b>	<b>2,176</b>	<b>271,845</b>
<b>Interior Total<sup>5</sup>.....</b>	<b>33,089</b>	<b>—</b>	<b>20,872</b>	<b>—</b>	<b>53,962</b>
<b>Western Total<sup>5</sup>.....</b>	<b>3,331</b>	<b>—</b>	<b>42,981</b>	<b>1,541</b>	<b>47,852</b>
<b>East of Miss. River.....</b>	<b>175,045</b>	<b>2,353</b>	<b>145,992</b>	<b>2,176</b>	<b>325,565</b>
<b>West of Miss. River.....</b>	<b>3,572</b>	<b>—</b>	<b>42,981</b>	<b>1,541</b>	<b>48,093</b>
<b>U.S. Total.....</b>	<b>178,617</b>	<b>2,353</b>	<b>188,972</b>	<b>3,717</b>	<b>373,659</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 6. Coal Production and Number of Mines by State, Mine Type, and Mine Production Range, 2000**  
(Thousand Short Tons)

Coal-Producing State, Region and Type of Mining	Number of Mines						Production					
	Mine Production Range (thousand short tons)											
	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100	Less than 10	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100	Less than 10
<b>Alabama</b> .....	<b>6</b>	—	<b>6</b>	<b>8</b>	<b>18</b>	<b>4</b>	<b>15,683</b>	—	<b>1,673</b>	<b>1,083</b>	<b>872</b>	<b>14</b>
Underground.....	6	—	—	1	2	—	15,683	—	—	115	97	—
Surface.....	—	—	6	7	16	4	—	1,673	968	775	14	—
<b>Alaska</b> .....	<b>1</b>	—	—	—	—	—	<b>1,641</b>	—	—	—	—	—
Surface.....	1	—	—	—	—	—	1,641	—	—	—	—	—
<b>Arizona</b> .....	<b>2</b>	—	—	—	—	—	<b>13,111</b>	—	—	—	—	—
Surface.....	2	—	—	—	—	—	13,111	—	—	—	—	—
<b>Arkansas</b> .....	—	—	—	—	—	<b>3</b>	—	—	—	—	—	<b>12</b>
Surface.....	—	—	—	—	—	3	—	—	—	—	—	12
<b>Colorado</b> .....	<b>8</b>	—	<b>2</b>	<b>2</b>	—	—	<b>28,084</b>	—	<b>670</b>	<b>383</b>	—	—
Underground.....	5	—	1	2	—	—	19,294	—	305	383	—	—
Surface.....	3	—	1	—	—	—	8,791	—	365	—	—	—
<b>Illinois</b> .....	<b>13</b>	<b>3</b>	—	—	<b>2</b>	—	<b>30,982</b>	<b>2,294</b>	—	—	<b>169</b>	—
Underground.....	11	1	—	—	—	—	28,650	992	—	—	—	—
Surface.....	2	2	—	—	2	—	2,332	1,302	—	—	169	—
<b>Indiana</b> .....	<b>12</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>5</b>	—	<b>21,249</b>	<b>5,053</b>	<b>1,243</b>	<b>246</b>	<b>175</b>	—
Underground.....	2	—	1	1	1	—	3,150	—	390	110	38	—
Surface.....	10	7	3	1	4	—	18,098	5,053	853	135	138	—
<b>Kansas</b> .....	—	—	<b>1</b>	—	—	—	—	—	<b>201</b>	—	—	—
Surface.....	—	—	1	—	—	—	—	—	201	—	—	—
<b>Kentucky Total</b> .....	<b>35</b>	<b>50</b>	<b>71</b>	<b>63</b>	<b>137</b>	<b>52</b>	<b>56,890</b>	<b>34,639</b>	<b>23,167</b>	<b>9,322</b>	<b>6,376</b>	<b>294</b>
Underground.....	19	29	50	41	83	24	33,931	20,173	15,767	6,114	4,053	138
Surface.....	16	21	21	22	54	28	22,959	14,466	7,400	3,207	2,323	156
<b>Eastern</b> .....	<b>27</b>	<b>44</b>	<b>68</b>	<b>57</b>	<b>135</b>	<b>51</b>	<b>37,529</b>	<b>30,231</b>	<b>22,109</b>	<b>8,409</b>	<b>6,337</b>	<b>287</b>
Underground.....	12	27	49	39	83	24	15,734	18,683	15,406	5,773	4,053	138
Surface.....	15	17	19	18	52	27	21,794	11,548	6,704	2,636	2,284	149
<b>Western</b> .....	<b>8</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>19,361</b>	<b>4,408</b>	<b>1,057</b>	<b>913</b>	<b>39</b>	<b>8</b>
Underground.....	7	2	1	2	—	—	18,196	1,491	361	342	—	—
Surface.....	1	4	2	4	2	1	1,165	2,918	696	571	39	8
<b>Louisiana</b> .....	<b>1</b>	<b>1</b>	—	—	—	—	<b>2,925</b>	<b>773</b>	—	—	—	—
Surface.....	1	1	—	—	—	—	2,925	773	—	—	—	—
<b>Maryland</b> .....	<b>1</b>	<b>1</b>	<b>3</b>	—	<b>7</b>	<b>4</b>	<b>2,667</b>	<b>529</b>	<b>1,073</b>	—	<b>250</b>	<b>27</b>
Underground.....	1	1	—	—	—	—	2,667	529	—	—	—	—
Surface.....	—	—	3	—	7	4	—	—	1,073	—	250	27
<b>Mississippi</b> .....	—	<b>1</b>	—	—	—	—	—	<b>902</b>	—	—	—	—
Surface.....	—	1	—	—	—	—	—	902	—	—	—	—
<b>Missouri</b> .....	—	—	<b>1</b>	<b>1</b>	—	—	—	—	<b>249</b>	<b>188</b>	—	—
Surface.....	—	—	1	1	—	—	—	—	249	188	—	—
<b>Montana</b> .....	<b>5</b>	—	<b>1</b>	—	—	—	<b>37,980</b>	—	<b>372</b>	—	—	—
Surface.....	5	—	1	—	—	—	37,980	—	372	—	—	—
<b>New Mexico</b> .....	<b>6</b>	—	—	—	—	<b>1</b>	<b>27,320</b>	—	—	—	—	<b>4</b>
Underground.....	—	—	—	—	—	1	—	—	—	—	—	4
Surface.....	6	—	—	—	—	—	27,320	—	—	—	—	—
<b>North Dakota</b> .....	<b>4</b>	—	—	—	—	—	<b>31,270</b>	—	—	—	—	—
Surface.....	4	—	—	—	—	—	31,270	—	—	—	—	—
<b>Ohio</b> .....	<b>5</b>	<b>6</b>	<b>14</b>	<b>10</b>	<b>14</b>	<b>11</b>	<b>11,716</b>	<b>4,324</b>	<b>4,080</b>	<b>1,597</b>	<b>511</b>	<b>41</b>
Underground.....	4	1	2	1	—	1	10,666	519	590	158	—	*
Surface.....	1	5	12	9	14	10	1,050	3,804	3,490	1,440	511	41
<b>Oklahoma</b> .....	—	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	—	<b>522</b>	<b>614</b>	<b>335</b>	<b>112</b>	<b>5</b>
Underground.....	—	—	1	—	—	—	—	—	241	—	—	—
Surface.....	—	1	1	2	2	1	—	522	372	335	112	5
<b>Pennsylvania Total</b> .....	<b>8</b>	<b>9</b>	<b>35</b>	<b>32</b>	<b>121</b>	<b>102</b>	<b>49,240</b>	<b>5,683</b>	<b>10,361</b>	<b>4,587</b>	<b>4,416</b>	<b>332</b>
Underground.....	8	5	13	11	12	33	49,240	2,865	3,787	1,572	405	91
Surface.....	—	4	22	21	109	69	—	2,818	6,574	3,015	4,011	240
<b>Anthracite</b> .....	—	<b>1</b>	<b>7</b>	<b>3</b>	<b>43</b>	<b>58</b>	—	<b>694</b>	<b>1,826</b>	<b>461</b>	<b>1,433</b>	<b>158</b>
Underground.....	—	—	—	1	5	28	—	—	—	155	86	68
Surface.....	—	1	7	2	38	30	—	694	1,826	306	1,347	90
<b>Bituminous</b> .....	<b>8</b>	<b>8</b>	<b>28</b>	<b>29</b>	<b>78</b>	<b>44</b>	<b>49,240</b>	<b>4,989</b>	<b>8,535</b>	<b>4,126</b>	<b>2,983</b>	<b>174</b>
Underground.....	8	5	13	10	7	5	49,240	2,865	3,787	1,417	319	23
Surface.....	—	3	15	19	71	39	—	2,124	4,748	2,709	2,664	150
<b>Tennessee</b> .....	—	—	<b>7</b>	<b>2</b>	<b>8</b>	<b>3</b>	—	—	<b>2,066</b>	<b>263</b>	<b>324</b>	<b>16</b>
Underground.....	—	—	3	2	5	1	—	—	959	263	232	2
Surface.....	—	—	4	—	3	2	—	—	1,107	—	92	14

See footnotes at end of table.

**Table 6. Coal Production and Number of Mines by State, Mine Type, and Mine Production Range, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State, Region and Type of Mining	Number of Mines						Production					
	Mine Production Range (thousand short tons)											
	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100	Less than 10	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100	Less than 10
<b>Texas</b> .....	<b>12</b>	–	<b>1</b>	<b>1</b>	–	–	<b>49,049</b>	–	<b>270</b>	<b>180</b>	–	–
Surface .....	12	–	1	1	–	–	49,049	–	270	180	–	–
<b>Utah</b> .....	<b>7</b>	<b>3</b>	<b>2</b>	–	–	<b>1</b>	<b>24,007</b>	<b>1,752</b>	<b>890</b>	–	–	<b>7</b>
Underground .....	7	3	2	–	–	1	24,007	1,752	890	–	–	7
<b>Virginia</b> .....	<b>3</b>	<b>12</b>	<b>35</b>	<b>24</b>	<b>65</b>	<b>17</b>	<b>7,967</b>	<b>7,726</b>	<b>10,818</b>	<b>3,445</b>	<b>2,820</b>	<b>58</b>
Underground .....	2	7	24	18	46	10	6,727	4,538	7,233	2,562	2,089	31
Surface .....	1	5	11	6	19	7	1,240	3,188	3,585	884	731	26
<b>Washington</b> .....	<b>1</b>	–	–	–	–	<b>1</b>	<b>4,270</b>	–	–	–	–	<b>*</b>
Surface .....	1	–	–	–	–	1	4,270	–	–	–	–	*
<b>West Virginia Total</b> .....	<b>37</b>	<b>38</b>	<b>57</b>	<b>45</b>	<b>93</b>	<b>27</b>	<b>101,143</b>	<b>26,747</b>	<b>19,529</b>	<b>6,476</b>	<b>4,236</b>	<b>126</b>
Underground .....	22	24	46	32	64	12	58,365	16,701	15,618	4,631	3,074	50
Surface .....	15	14	11	13	29	15	42,779	10,046	3,911	1,844	1,162	76
<b>Northern</b> .....	<b>7</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>27</b>	<b>11</b>	<b>26,711</b>	<b>5,919</b>	<b>2,773</b>	<b>857</b>	<b>1,279</b>	<b>61</b>
Underground .....	6	7	8	4	12	2	23,520	5,044	2,495	585	625	12
Surface .....	1	1	1	2	15	9	3,190	876	278	272	654	49
<b>Southern</b> .....	<b>30</b>	<b>30</b>	<b>48</b>	<b>39</b>	<b>66</b>	<b>16</b>	<b>74,433</b>	<b>20,827</b>	<b>16,756</b>	<b>5,618</b>	<b>2,956</b>	<b>65</b>
Underground .....	16	17	38	28	52	10	34,845	11,658	13,123	4,046	2,449	38
Surface .....	14	13	10	11	14	6	39,588	9,170	3,633	1,572	508	27
<b>Wyoming</b> .....	<b>17</b>	<b>1</b>	<b>2</b>	–	<b>1</b>	–	<b>337,458</b>	<b>631</b>	<b>775</b>	–	–	<b>36</b>
Underground .....	1	–	–	–	–	–	1,210	–	–	–	–	–
Surface .....	16	1	2	–	1	–	336,248	631	775	–	36	–
<b>Appalachian Total</b> <sup>1</sup> .....	<b>87</b>	<b>110</b>	<b>225</b>	<b>178</b>	<b>461</b>	<b>219</b>	<b>225,944</b>	<b>75,240</b>	<b>71,709</b>	<b>25,859</b>	<b>19,766</b>	<b>900</b>
Underground .....	55	65	137	104	212	81	159,081	43,836	43,592	15,073	9,950	313
Surface .....	32	45	88	74	249	138	66,863	31,404	28,117	10,787	9,816	588
<b>Interior Total</b> <sup>1</sup> .....	<b>46</b>	<b>19</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>5</b>	<b>123,566</b>	<b>13,951</b>	<b>3,634</b>	<b>1,861</b>	<b>495</b>	<b>24</b>
Underground .....	20	3	3	3	1	–	49,997	2,482	993	452	38	–
Surface .....	26	16	9	9	10	5	73,570	11,469	2,641	1,409	457	24
<b>Western Total</b> <sup>1</sup> .....	<b>51</b>	<b>4</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>505,140</b>	<b>2,383</b>	<b>2,707</b>	<b>383</b>	<b>36</b>	<b>11</b>
Underground .....	13	3	3	2	–	2	44,510	1,752	1,195	383	–	11
Surface .....	38	1	4	–	1	1	460,629	631	1,512	–	36	*
<b>East of Miss. River</b> .....	<b>120</b>	<b>127</b>	<b>232</b>	<b>186</b>	<b>470</b>	<b>220</b>	<b>297,536</b>	<b>87,897</b>	<b>74,010</b>	<b>27,018</b>	<b>20,148</b>	<b>908</b>
Underground .....	75	68	139	107	213	81	209,078	46,318	44,344	15,524	9,987	313
Surface .....	45	59	93	79	257	139	88,458	41,578	29,666	11,493	10,161	595
<b>West of Miss. River</b> .....	<b>64</b>	<b>6</b>	<b>12</b>	<b>6</b>	<b>3</b>	<b>7</b>	<b>557,114</b>	<b>3,678</b>	<b>4,040</b>	<b>1,086</b>	<b>149</b>	<b>28</b>
Underground .....	13	3	4	2	–	2	44,510	1,752	1,436	383	–	11
Surface .....	51	3	8	4	3	5	512,604	1,926	2,604	702	149	17
<b>U.S. Total</b> .....	<b>184</b>	<b>133</b>	<b>244</b>	<b>192</b>	<b>473</b>	<b>227</b>	<b>854,651</b>	<b>91,575</b>	<b>78,050</b>	<b>28,103</b>	<b>20,297</b>	<b>936</b>
Underground .....	88	71	143	109	213	83	253,588	48,071	45,781	15,908	9,987	324
Surface .....	96	62	101	83	260	144	601,062	43,504	32,270	12,196	10,309	612

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

**Table 7. U.S. Coal Production by Coalbed Thickness and Mine Type, 2000**  
(Thousand Short Tons)

Coalbed Thickness (inches)	Underground	Surface	Total
< 7 .....	-	19	19
7-12 .....	-	2,207	2,207
13-18 .....	-	10,859	10,859
19-24 .....	367	13,696	14,063
25-30 .....	3,277	21,610	24,886
31-36 .....	23,219	23,233	46,452
37-42 .....	27,998	25,176	53,175
43-48 .....	33,477	20,043	53,520
49-54 .....	33,721	19,386	53,107
55-60 .....	43,360	62,681	106,041
61-66 .....	31,303	11,626	42,929
67-72 .....	45,650	15,688	61,338
73-78 .....	45,698	4,204	49,902
79-84 .....	16,243	18,914	35,157
85-90 .....	7,921	6,352	14,273
91-96 .....	11,287	11,557	22,844
97-102 .....	5,052	3,994	9,045
103-108 .....	19,716	5,459	25,174
109-114 .....	514	2,586	3,100
115-120 .....	9,352	14,166	23,518
> 120 .....	15,181	405,886	421,068
<b>Unknown<sup>1</sup> .....</b>	<b>324</b>	<b>612</b>	<b>936</b>
<b>U.S. Total .....</b>	<b>373,659</b>	<b>699,953</b>	<b>1,073,612</b>

<sup>1</sup> Includes mines with production of less than 10,000 short tons, which are not required to provide data.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 8. U.S. Coal Production and Coalbed Thickness by Major Coalbeds and Mine Type, 2000**

Coalbed ID Number <sup>1</sup> Coalbed Name <sup>2</sup>	Production (thousand short tons)			Thickness (inches)		
	Underground	Surface	Total	Average <sup>3</sup>	Low	High
1699 Wyodak .....	–	294,200	294,200	695	60	1,017
0036 Pittsburgh .....	79,468	2,564	82,032	72	25	110
0489 No. 9 .....	28,580	8,756	37,336	64	40	80
0111 Hazard No. 5-A .....	12,571	22,738	35,309	70	11	138
1569 Beulah-Zap .....	–	29,016	29,016	156	144	180
0135 Hazard No. 4 .....	15,559	4,643	20,202	50	24	281
0151 Elkhorn No. 1 .....	14,380	4,320	18,700	45	18	100
0084 Lower Kittanning .....	5,824	12,529	18,353	58	12	86
0103 Stockton-Lewiston .....	4,803	13,260	18,063	77	18	118
0484 No. 6 .....	15,851	2,004	17,855	76	46	96
0168 Lower Elkhorn .....	12,092	2,669	14,762	49	15	84
1808 Rosebud .....	–	14,585	14,585	266	216	288
0176 Eagle .....	10,474	712	11,186	57	9	67
0344 Pocahontas No. 3 .....	11,109	–	11,109	64	36	75
<b>Major Coalbeds Total .....</b>	<b>210,713</b>	<b>411,995</b>	<b>622,708</b>	<b>372</b>	<b>9</b>	<b>1,017</b>
<b>Other Coalbeds .....</b>	<b>162,622</b>	<b>287,346</b>	<b>449,968</b>	<b>147</b>	<b>6</b>	<b>960</b>
<b>Unknown<sup>4</sup> .....</b>	<b>324</b>	<b>612</b>	<b>936</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>U.S. Total .....</b>	<b>373,659</b>	<b>699,953</b>	<b>1,073,612</b>	<b>277</b>	<b>6</b>	<b>1,017</b>

<sup>1</sup> The coalbed ID number is a unique code assigned by EIA to each correlated coalbed or to coal-bearing geologic formations, coal groups, or coal zones.

<sup>2</sup> The coalbed name given is the name most commonly used in the State having the greatest production from that coalbed. The States having the greatest production for each coalbed are: Eastern Kentucky (coalbeds 0111, 0135, 0151, 0168, 0176); West Virginia (0036, 0084, 0103, 0344); Pennsylvania (0071); Western Kentucky (0489); Illinois (0484); North Dakota (1569); Montana (1808); Wyoming (1699). In some other States where these are major producing beds, the following alternate coalbed names are also used: 0084, No. 5 Block (Eastern Kentucky); 0111, Coalburg (West Virginia); 0135, Chilton (West Virginia); 0151, Jellico (Tennessee); Taggart (Virginia); Cedar Grove (West Virginia); 0168, No. 2 Gas (West Virginia); 0176, Middle Eagle (West Virginia); 0484, No. 11 (Western Kentucky); 0489, No. 5 (Illinois and Indiana).

<sup>3</sup> Average thickness is the bed thickness weighted by bed production.

<sup>4</sup> Includes mines with production of less than 10,000 short tons, which are not required to provide data.

NA Not available.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. A major coalbed is defined here as a coalbed from which 10 million or more short tons were produced during the year. The category "Other Coalbeds" includes all coalbeds from which less than 10 million short tons were produced during the year. In some regions, coalbeds are characteristically discontinuous or uncorrelatable from one location to another, and production is identified by the geological formations, coal groups, or coal zones of the native rock where the coalbeds occur. These types of coalbeds are found primarily in the Rocky Mountain States and even in the Gulf Coast lignite belt. Coalbeds of these types are also included in "Other Coalbeds," even though production may exceed 10 million short tons. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 9. Coal Production and Number of Mines by State and Coal Rank, 2000**

(Thousand Short Tons)

Coal-Producing State and Region	Bituminous		Subbituminous		Lignite		Anthracite		Total	
	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production	Number of Mines	Production
Alabama.....	42	19,324	-	-	-	-	-	-	42	19,324
Alaska.....	-	-	1	1,641	-	-	-	-	1	1,641
Arizona.....	2	13,111	-	-	-	-	-	-	2	13,111
Arkansas.....	3	12	-	-	-	-	-	-	3	12
Colorado.....	10	21,907	2	7,230	-	-	-	-	12	29,137
Illinois.....	18	33,444	-	-	-	-	-	-	18	33,444
Indiana.....	30	27,965	-	-	-	-	-	-	30	27,965
Kansas.....	1	201	-	-	-	-	-	-	1	201
Kentucky Total.....	408	130,688	-	-	-	-	-	-	408	130,688
Eastern.....	382	104,901	-	-	-	-	-	-	382	104,901
Western.....	26	25,787	-	-	-	-	-	-	26	25,787
Louisiana.....	-	-	-	-	2	3,699	-	-	2	3,699
Maryland.....	16	4,546	-	-	-	-	-	-	16	4,546
Mississippi.....	-	-	-	-	1	902	-	-	1	902
Missouri.....	2	436	-	-	-	-	-	-	2	436
Montana.....	-	-	5	37,980	1	372	-	-	6	38,352
New Mexico <sup>1</sup> .....	3	6,156	5	21,167	-	-	-	-	7	27,323
North Dakota.....	-	-	-	-	4	31,270	-	-	4	31,270
Ohio.....	60	22,269	-	-	-	-	-	-	60	22,269
Oklahoma.....	8	1,588	-	-	-	-	-	-	8	1,588
Pennsylvania Total.....	195	70,046	-	-	-	-	112	4,572	307	74,619
Anthracite.....	-	-	-	-	-	-	112	4,572	112	4,572
Bituminous.....	195	70,046	-	-	-	-	-	-	195	70,046
Tennessee.....	20	2,669	-	-	-	-	-	-	20	2,669
Texas.....	1	180	-	-	13	49,319	-	-	14	49,498
Utah.....	13	26,656	-	-	-	-	-	-	13	26,656
Virginia.....	156	32,834	-	-	-	-	-	-	156	32,834
Washington.....	-	-	2	4,270	-	-	-	-	2	4,270
West Virginia Total.....	297	158,257	-	-	-	-	-	-	297	158,257
Northern.....	68	37,601	-	-	-	-	-	-	68	37,601
Southern.....	229	120,656	-	-	-	-	-	-	229	120,656
Wyoming.....	3	1,985	18	336,915	-	-	-	-	21	338,900
<b>Appalachian Total<sup>2</sup>.....</b>	<b>1,168</b>	<b>414,847</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>112</b>	<b>4,572</b>	<b>1,280</b>	<b>419,419</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>89</b>	<b>89,612</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>53,919</b>	<b>-</b>	<b>-</b>	<b>105</b>	<b>143,531</b>
<b>Western Total<sup>2</sup>.....</b>	<b>31</b>	<b>69,816</b>	<b>33</b>	<b>409,203</b>	<b>5</b>	<b>31,641</b>	<b>-</b>	<b>-</b>	<b>68</b>	<b>510,661</b>
<b>East of Miss. River.....</b>	<b>1,242</b>	<b>502,043</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>902</b>	<b>112</b>	<b>4,572</b>	<b>1,355</b>	<b>507,517</b>
<b>West of Miss. River.....</b>	<b>46</b>	<b>72,233</b>	<b>33</b>	<b>409,203</b>	<b>20</b>	<b>84,659</b>	<b>-</b>	<b>-</b>	<b>98</b>	<b>566,094</b>
<b>U.S. Total.....</b>	<b>1,288</b>	<b>574,276</b>	<b>33</b>	<b>409,203</b>	<b>21</b>	<b>85,561</b>	<b>112</b>	<b>4,572</b>	<b>1,453</b>	<b>1,073,612</b>

<sup>1</sup> One mine in New Mexico produces both bituminous and subbituminous coal and is double counted as a bituminous and subbituminous mine, but is not double counted in the total.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 10. Coal Production by State, Coal Rank, and Group, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Bituminous Low Volatile	Bituminous Medium Volatile	Bituminous High Volatile	Bituminous Total	Subbituminous	Lignite	Anthracite	Total
Alabama .....	NA	NA	NA	19,324	-	-	-	19,324
Alaska .....	NA	NA	NA	-	1,641	-	-	1,641
Arizona .....	NA	NA	NA	13,111	-	-	-	13,111
Arkansas .....	NA	NA	NA	12	-	-	-	12
Colorado .....	NA	NA	NA	21,907	7,230	-	-	29,137
Illinois .....	NA	NA	NA	33,444	-	-	-	33,444
Indiana .....	NA	NA	NA	27,965	-	-	-	27,965
Kansas .....	NA	NA	NA	201	-	-	-	201
Kentucky Total .....	NA	NA	NA	130,688	-	-	-	130,688
Eastern .....	NA	NA	NA	104,901	-	-	-	104,901
Western .....	NA	NA	NA	25,787	-	-	-	25,787
Louisiana .....	NA	NA	NA	-	-	3,699	-	3,699
Maryland .....	NA	NA	NA	4,546	-	-	-	4,546
Mississippi .....	NA	NA	NA	-	-	902	-	902
Missouri .....	NA	NA	NA	436	-	-	-	436
Montana .....	NA	NA	NA	-	37,980	372	-	38,352
New Mexico .....	NA	NA	NA	6,156	21,167	-	-	27,323
North Dakota .....	NA	NA	NA	-	-	31,270	-	31,270
Ohio .....	NA	NA	NA	22,269	-	-	-	22,269
Oklahoma .....	NA	NA	NA	1,588	-	-	-	1,588
Pennsylvania Total .....	NA	NA	NA	70,046	-	-	4,572	74,619
Anthracite .....	NA	NA	NA	-	-	-	4,572	4,572
Bituminous .....	NA	NA	NA	70,046	-	-	-	70,046
Tennessee .....	NA	NA	NA	2,669	-	-	-	2,669
Texas .....	NA	NA	NA	180	-	49,319	-	49,498
Utah .....	NA	NA	NA	26,656	-	-	-	26,656
Virginia .....	NA	NA	NA	32,834	-	-	-	32,834
Washington .....	NA	NA	NA	-	4,270	-	-	4,270
West Virginia Total .....	NA	NA	NA	158,257	-	-	-	158,257
Northern .....	NA	NA	NA	37,601	-	-	-	37,601
Southern .....	NA	NA	NA	120,656	-	-	-	120,656
Wyoming .....	NA	NA	NA	1,985	336,915	-	-	338,900
<b>Appalachian Total<sup>1</sup> .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>414,847</b>	<b>-</b>	<b>-</b>	<b>4,572</b>	<b>419,419</b>
<b>Interior Total<sup>1</sup> .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>89,612</b>	<b>-</b>	<b>53,919</b>	<b>-</b>	<b>143,531</b>
<b>Western Total<sup>1</sup> .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>69,816</b>	<b>409,203</b>	<b>31,641</b>	<b>-</b>	<b>510,661</b>
<b>East of Miss. River .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>502,043</b>	<b>-</b>	<b>902</b>	<b>4,572</b>	<b>507,517</b>
<b>West of Miss. River .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>72,233</b>	<b>409,203</b>	<b>84,659</b>	<b>-</b>	<b>566,094</b>
<b>U.S. Total .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>574,276</b>	<b>409,203</b>	<b>85,561</b>	<b>4,572</b>	<b>1,073,612</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

NA Not available.

Notes: Refer to the *Classification of Coals by Rank* table in Appendix C for coal group definitions. Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table 11. Coal Production by State, Mine Type, and Union Type, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Alabama</b> .....	<b>15,683</b>	—	<b>15,683</b>	<b>3,628</b>	<b>19,311</b>
Underground.....	15,683	—	15,683	212	15,895
Surface.....	—	—	—	3,416	3,416
<b>Alaska</b> .....	—	—	—	<b>1,641</b>	<b>1,641</b>
Surface.....	—	—	—	1,641	1,641
<b>Arizona</b> .....	<b>13,111</b>	—	<b>13,111</b>	—	<b>13,111</b>
Surface.....	13,111	—	13,111	—	13,111
<b>Colorado</b> .....	<b>10,677</b>	<b>2,059</b>	<b>12,736</b>	<b>16,402</b>	<b>29,137</b>
Underground.....	8,752	—	8,752	11,230	19,982
Surface.....	1,925	2,059	3,984	5,171	9,155
<b>Illinois</b> .....	<b>13,593</b>	<b>3,119</b>	<b>16,712</b>	<b>16,732</b>	<b>33,444</b>
Underground.....	13,086	1,864	14,950	14,692	29,642
Surface.....	507	1,255	1,761	2,041	3,802
<b>Indiana</b> .....	<b>4,193</b>	—	<b>4,193</b>	<b>23,772</b>	<b>27,965</b>
Underground.....	—	—	—	3,688	3,688
Surface.....	4,193	—	4,193	20,084	24,277
<b>Kansas</b> .....	—	—	—	<b>201</b>	<b>201</b>
Surface.....	—	—	—	201	201
<b>Kentucky Total</b> .....	<b>11,653</b>	—	<b>11,653</b>	<b>118,740</b>	<b>130,393</b>
Underground.....	11,084	—	11,084	68,955	80,039
Surface.....	569	—	569	49,786	50,354
<b>Eastern</b> .....	<b>638</b>	—	<b>638</b>	<b>103,976</b>	<b>104,614</b>
Underground.....	638	—	638	59,011	59,649
Surface.....	—	—	—	44,965	44,965
<b>Western</b> .....	<b>11,015</b>	—	<b>11,015</b>	<b>14,764</b>	<b>25,779</b>
Underground.....	10,446	—	10,446	9,944	20,390
Surface.....	569	—	569	4,820	5,389
<b>Louisiana</b> .....	—	—	—	<b>3,699</b>	<b>3,699</b>
Surface.....	—	—	—	3,699	3,699
<b>Maryland</b> .....	—	—	—	<b>4,519</b>	<b>4,519</b>
Underground.....	—	—	—	3,196	3,196
Surface.....	—	—	—	1,323	1,323
<b>Mississippi</b> .....	—	—	—	<b>902</b>	<b>902</b>
Surface.....	—	—	—	902	902
<b>Missouri</b> .....	—	—	—	<b>436</b>	<b>436</b>
Surface.....	—	—	—	436	436
<b>Montana</b> .....	<b>11,336</b>	<b>15,713</b>	<b>27,049</b>	<b>11,302</b>	<b>38,352</b>
Surface.....	11,336	15,713	27,049	11,302	38,352
<b>New Mexico</b> .....	<b>6,367</b>	<b>15,872</b>	<b>22,239</b>	<b>5,081</b>	<b>27,320</b>
Surface.....	6,367	15,872	22,239	5,081	27,320
<b>North Dakota</b> .....	<b>2,733</b>	<b>4,777</b>	<b>7,511</b>	<b>23,759</b>	<b>31,270</b>
Surface.....	2,733	4,777	7,511	23,759	31,270
<b>Ohio</b> .....	<b>10,374</b>	—	<b>10,374</b>	<b>11,854</b>	<b>22,228</b>
Underground.....	8,937	—	8,937	2,996	11,933
Surface.....	1,437	—	1,437	8,858	10,295
<b>Oklahoma</b> .....	—	—	—	<b>1,583</b>	<b>1,583</b>
Underground.....	—	—	—	241	241
Surface.....	—	—	—	1,341	1,341
<b>Pennsylvania Total</b> .....	<b>32,211</b>	<b>32</b>	<b>32,244</b>	<b>42,043</b>	<b>74,287</b>
Underground.....	31,057	—	31,057	26,811	57,868
Surface.....	1,155	32	1,187	15,232	16,419
<b>Anthracite</b> .....	<b>790</b>	<b>32</b>	<b>822</b>	<b>3,593</b>	<b>4,415</b>
Underground.....	—	—	—	241	241
Surface.....	790	32	822	3,351	4,173
<b>Bituminous</b> .....	<b>31,422</b>	—	<b>31,422</b>	<b>38,450</b>	<b>69,872</b>
Underground.....	31,057	—	31,057	26,570	57,627
Surface.....	365	—	365	11,881	12,246
<b>Tennessee</b> .....	—	—	—	<b>2,652</b>	<b>2,652</b>
Underground.....	—	—	—	1,453	1,453
Surface.....	—	—	—	1,199	1,199
<b>Texas</b> .....	—	<b>32,821</b>	<b>32,821</b>	<b>16,678</b>	<b>49,498</b>
Surface.....	—	32,821	32,821	16,678	49,498
<b>Utah</b> .....	<b>8,430</b>	<b>1,043</b>	<b>9,473</b>	<b>17,176</b>	<b>26,649</b>
Underground.....	8,430	1,043	9,473	17,176	26,649
<b>Virginia</b> .....	<b>4,380</b>	<b>1,608</b>	<b>5,988</b>	<b>26,788</b>	<b>32,777</b>
Underground.....	4,380	887	5,267	17,882	23,149
Surface.....	—	721	721	8,906	9,627
<b>Washington</b> .....	—	<b>4,270</b>	<b>4,270</b>	—	<b>4,270</b>
Surface.....	—	4,270	4,270	—	4,270
<b>West Virginia Total</b> .....	<b>59,808</b>	—	<b>59,808</b>	<b>98,322</b>	<b>158,130</b>
Underground.....	43,381	—	43,381	55,008	98,389
Surface.....	16,428	—	16,428	43,314	59,742

See footnotes at end of table.

**Table 11. Coal Production by State, Mine Type, and Union Type, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Northern</b> .....	<b>23,179</b>	—	<b>23,179</b>	<b>14,361</b>	<b>37,539</b>
Underground .....	23,179	—	23,179	9,090	32,269
Surface .....	—	—	—	5,270	5,270
<b>Southern</b> .....	<b>36,630</b>	—	<b>36,630</b>	<b>83,962</b>	<b>120,591</b>
Underground .....	20,202	—	20,202	45,918	66,120
Surface .....	16,428	—	16,428	38,044	54,471
<b>Wyoming</b> .....	<b>3,762</b>	<b>7,138</b>	<b>10,900</b>	<b>328,001</b>	<b>338,900</b>
Underground .....	—	—	—	1,210	1,210
Surface .....	3,762	7,138	10,900	326,791	337,691
<b>Appalachian Total<sup>1</sup></b> .....	<b>123,095</b>	<b>1,640</b>	<b>124,735</b>	<b>293,784</b>	<b>418,519</b>
Underground .....	104,075	887	104,962	166,570	271,532
Surface .....	19,020	754	19,773	127,214	146,987
<b>Interior Total<sup>1</sup></b> .....	<b>28,801</b>	<b>35,939</b>	<b>64,740</b>	<b>78,767</b>	<b>143,507</b>
Underground .....	23,533	1,864	25,397	28,565	53,962
Surface .....	5,268	34,075	39,344	50,202	89,545
<b>Western Total<sup>1</sup></b> .....	<b>56,416</b>	<b>50,872</b>	<b>107,289</b>	<b>403,361</b>	<b>510,650</b>
Underground .....	17,182	1,043	18,225	29,616	47,841
Surface .....	39,234	49,829	89,064	373,745	462,809
<b>East of Miss. River</b> .....	<b>151,896</b>	<b>4,759</b>	<b>156,655</b>	<b>349,954</b>	<b>506,609</b>
Underground .....	127,608	2,751	130,359	194,894	325,252
Surface .....	24,288	2,008	26,296	155,061	181,357
<b>West of Miss. River</b> .....	<b>56,416</b>	<b>83,693</b>	<b>140,109</b>	<b>425,957</b>	<b>566,067</b>
Underground .....	17,182	1,043	18,225	29,857	48,082
Surface .....	39,234	82,650	121,884	396,100	517,984
<b>Unknown<sup>2</sup></b> .....	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>936</b>
Underground .....	NA	NA	NA	NA	324
Surface .....	NA	NA	NA	NA	612
<b>U.S. Total</b> .....	<b>208,312</b>	<b>88,452</b>	<b>296,764</b>	<b>775,912</b>	<b>1,073,612</b>
Underground .....	144,790	3,794	148,584	224,751	373,659
Surface .....	63,522	84,658	148,180	551,161	699,953

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>2</sup> Includes mines with production of less than 10,000 short tons, which are not required to provide data.

NA Not available.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding. See Glossary for listing of other unions.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 12. Coal Disposition by State, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Open Market <sup>1</sup>	Captive <sup>2</sup>	Total
Alabama .....	18,728	335	19,062
Alaska .....	1,580	—	1,580
Arizona .....	12,986	—	12,986
Colorado .....	28,274	1,593	29,867
Illinois .....	33,551	—	33,551
Indiana .....	28,057	—	28,057
Kansas .....	201	—	201
Kentucky Total .....	130,274	2,296	132,570
Eastern .....	103,640	2,273	105,913
Western .....	26,634	23	26,657
Louisiana .....	3,696	—	3,696
Maryland .....	4,022	519	4,541
Mississippi .....	11	—	11
Missouri .....	438	—	438
Montana .....	36,750	1,674	38,425
New Mexico .....	27,123	—	27,123
North Dakota .....	30,077	1,015	31,092
Ohio .....	16,038	6,571	22,610
Oklahoma .....	1,585	—	1,585
Pennsylvania Total .....	73,412	985	74,397
Anthracite .....	3,993	418	4,411
Bituminous .....	69,419	567	69,986
Tennessee .....	2,652	—	2,652
Texas .....	10,203	38,544	48,747
Utah .....	19,280	8,494	27,773
Virginia .....	31,594	1,717	33,311
Washington .....	—	4,270	4,270
West Virginia Total .....	153,209	6,997	160,206
Northern .....	37,096	1,097	38,194
Southern .....	116,113	5,899	122,012
Wyoming .....	320,925	18,015	338,941
<b>Appalachian Total<sup>3</sup> .....</b>	<b>403,295</b>	<b>19,397</b>	<b>422,692</b>
<b>Interior Total<sup>3</sup> .....</b>	<b>104,376</b>	<b>38,567</b>	<b>142,943</b>
<b>Western Total<sup>3</sup> .....</b>	<b>476,997</b>	<b>35,061</b>	<b>512,058</b>
<b>East of Miss. River .....</b>	<b>491,549</b>	<b>19,420</b>	<b>510,968</b>
<b>West of Miss. River .....</b>	<b>493,119</b>	<b>73,605</b>	<b>566,725</b>
<b>Total<sup>4</sup> .....</b>	<b>984,668</b>	<b>93,025</b>	<b>1,077,693</b>
<b>Unknown<sup>5</sup> .....</b>	<b>NA</b>	<b>NA</b>	<b>936</b>
<b>U.S. Total .....</b>	<b>NA</b>	<b>NA</b>	<b>1,078,629</b>

<sup>1</sup> Open Market includes all coal sold on the open market to other coal companies or consumers.

<sup>2</sup> Captive includes all coal used by the producing company or sold to affiliated or parent companies.

<sup>3</sup> For a definition of coal-producing regions, see Appendix C.

<sup>4</sup> Excludes mines producing less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> Includes mines producing less than 10,000 short tons, which are not required to provide data.

NA Not available.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 13. Coal Mining Acreage, Production and Royalties from Federal and American Indian Leases by State, 2000**

Coal-Producing State and Region	Federal Leases			American Indian Leases		
	Acres Leased	Production (thousand short tons)	Royalties (thousand dollars)	Acres Leased	Production (thousand short tons)	Royalties (thousand dollars)
Alabama.....	1,609	285	1,028	–	–	–
Arizona .....	–	–	–	64,858	13,351	35,783
Colorado .....	49,897	21,294	32,893	–	–	–
Kentucky.....	820	72	117	–	–	–
Montana.....	29,408	23,264	25,667	14,746	7,102	3,403
New Mexico .....	13,760	7,362	21,069	36,026	7,866	19,198
North Dakota.....	4,358	2,904	1,170	–	–	–
Oklahoma .....	9,970	725	607	–	–	–
Utah .....	49,800	20,715	28,768	–	–	–
Washington.....	280	1,644	3,359	–	–	–
Wyoming .....	127,155	333,573	214,889	–	–	–
<b>Appalachian Total<sup>1</sup>.....</b>	<b>1,609</b>	<b>285</b>	<b>10,283</b>	–	–	–
<b>Interior Total<sup>1</sup>.....</b>	<b>10,790</b>	<b>797</b>	<b>724</b>	–	–	–
<b>Western Total<sup>1</sup>.....</b>	<b>274,658</b>	<b>410,757</b>	<b>327,815</b>	<b>115,630</b>	<b>28,318</b>	<b>58,383</b>
<b>East of Miss. River.....</b>	<b>2,429</b>	<b>357</b>	<b>1,145</b>	–	–	–
<b>West of Miss. River.....</b>	<b>284,628</b>	<b>411,482</b>	<b>328,422</b>	<b>115,630</b>	<b>28,318</b>	<b>58,383</b>
<b>U.S. Total.....</b>	<b>287,057</b>	<b>411,839</b>	<b>329,567</b>	<b>115,630</b>	<b>28,318</b>	<b>58,383</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Notes: U.S. Total for this table represents Federal and American Indian Leases only. Output from Federal and American Indian Lands is reported as sales volume, the basis for royalties. It is approximately equivalent to production, which includes coal sold and coal added to stockpiles. Totals may not equal sum of components due to independent rounding.

Source: U.S. Department of the Interior, Minerals Management Service (MMS).

**Table 14. Major U.S. Coal Mines, 2000**

Rank	Mine Name/Company	Mine Type	State	Production (short tons)
1	Rochelle Mine Complex/Powder River Coal	Surface	Wyoming	70,769,071
2	Black Thunder/Thunder Basin Coal	Surface	Wyoming	60,102,031
3	Cordero/Cordero Mining	Surface	Wyoming	38,698,196
4	Jacobs Ranch/Jacobs Ranch Coal	Surface	Wyoming	28,307,022
5	Caballo/Caballo Coal	Surface	Wyoming	25,595,660
6	Antelope/Antelope Coal	Surface	Wyoming	22,971,230
7	Eagle Butte/RAG Coal West	Surface	Wyoming	18,622,992
8	North Rochelle/Triton Coal Co	Surface	Wyoming	17,206,504
9	Freedom Mine/Coteau Properties	Surface	North Dakota	16,125,847
10	Buckskin/Triton Coal	Surface	Wyoming	15,833,179
11	Belle Ayr/RAG Coal West	Surface	Wyoming	15,015,064
12	Spring Creek/Spring Creek Coal Co	Surface	Montana	11,302,150
13	Rosebud No 6/Western Energy Co.	Surface	Montana	10,430,858
14	Decker/Decker Coal	Surface	Montana	9,932,166
15	Bailey No 1/Consol PA Coal Co.	Underground	Pennsylvania	9,863,772
16	Enlow Fork/Consol PA Coal Co.	Underground	Pennsylvania	9,521,262
17	Navajo/BHP Minerals	Surface	New Mexico	8,489,100
18	Keyenta/Peabody Western Coal	Surface	Arizona	8,485,952
19	Jewett/Northwestern Resources	Surface	Texas	7,987,833
20	Falkirk/Falkirk Mining	Surface	North Dakota	7,633,171
21	Galatia/American Coal Company	Underground	Illinois	7,348,369
22	Foidel Creek/Twenty Mile Coal	Underground	Colorado	7,221,704
23	Oak Hill/Texas Utilities Mining	Surface	Texas	6,885,681
24	McElroy/McElroy Coal Co.	Underground	West Virginia	6,763,483
25	Sandow-Rockdale/ALCOA	Surface	Texas	6,624,060
26	Jim Bridger/Bridger Coal	Surface	Wyoming	6,506,632
27	Cumberland/RAG Cumberland Resources	Underground	Pennsylvania	6,505,910
28	Samples/Catenary Coal	Surface	West Virginia	6,446,851
29	Emerald No 1/RAG Emerald Coal	Underground	Pennsylvania	6,425,738
30	Robinson Run/CONSOL	Underground	West Virginia	5,993,666
31	SUFCO/Canyon Fuel	Underground	Utah	5,901,601
32	Mountaineer/Mingo Logan Coal	Underground	West Virginia	5,241,469
33	McKinley/Pittsburg & Midway Coal	Surface	New Mexico	5,229,392
34	Colowyo/Colowyo Coal	Surface	Colorado	5,171,221
35	Blacksville No 2/CONSOL	Underground	Pennsylvania	5,155,382
36	Beckville/Texas Utilities Mining	Surface	Texas	5,128,059
37	Lee Ranch/Lee Ranch Coal	Surface	New Mexico	5,080,836
38	Bowie No 2/Bowie Resources	Underground	Colorado	5,034,239
39	Absaloka/Westmoreland Resources	Surface	Montana	4,910,263
40	Dilworth/CONSOL	Underground	Pennsylvania	4,835,330
41	Center Mine/BNI	Surface	North Dakota	4,777,341
42	La Plata/San Juan Coal	Surface	New Mexico	4,757,674
43	Black Mesa/Peabody Western	Surface	Arizona	4,625,345
44	Powhatan No 6/Ohio Valley Coal	Underground	Ohio	4,619,247
45	Hobet No 21/Hobet Mining	Surface	West Virginia	4,520,179
46	No 2/Fola Coal	Surface	West Virginia	4,500,064
47	Buchanan/CONSOL	Underground	Virginia	4,466,585
48	Twilight MTR Mine/Independence Coal	Surface	West Virginia	4,296,593
49	No 13 Baker/Lodestar Energy	Underground	Kentucky	4,277,963
50	Centralia/Transalta Centralia Mining	Surface	Washington	4,269,765
51	Big Brown/Texas Utilities Mining	Surface	Texas	4,265,175
52	Deer Creek/Energy Western	Underground	Utah	4,257,011
53	Federal No 2/Eastern Associated Mining	Underground	West Virginia	4,255,124
54	Shoal Creek/Drummond Co	Underground	Alabama	4,194,104
55	Coal Creek/Thunder Basin Coal	Surface	Wyoming	4,190,057
56	Mine No 84/Eighty Four Mining	Underground	Pennsylvania	4,180,350
57	Trail Mountain/Energy Western	Underground	Utah	4,173,352
58	Upper Big Branch/Performance Coal	Underground	West Virginia	4,049,498
*	<b>Subtotal</b>			<b>609,978,373</b>
*	<b>All Other Mines</b>			<b>463,633,188</b>
*	<b>U.S. Total</b>			<b>1,073,611,561</b>

Notes: Major mines are mines that produced more than 4 million short tons in 2000. The company is the firm operating the mine.  
Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 15. Major U.S. Coal Producers, 2000**

Rank	Controlling Company Name	Production (thousand short tons)	Percent of Total Production
1	Peabody Coal Sales Co.	140,552	13.1
2	Arch Coal, Inc.	108,749	10.1
3	Kennecott Energy & Coal Co.	106,690	9.9
4	Consol Energy Inc.	73,718	6.9
5	RAG American Coal Holding, Inc.	62,809	5.9
6	AEI Resources Inc	51,642	4.8
7	A.T. Massey Coal Co., Inc	40,286	3.8
8	Vulcan Partners, L.P.	33,040	3.1
9	North American Coal Corp.	27,208	2.5
10	TXU Corporation	25,927	2.4
11	Westmoreland Coal Sales Co.	18,791	1.8
12	Robert Murray	16,049	1.5
13	Black Beauty Coal Co.	16,021	1.5
14	Pacificorp	15,568	1.5
15	BHP Minerals Group	14,711	1.4
16	Alliance Coal Co.	13,928	1.3
17	James River Coal Co	11,922	1.1
18	Peter Kiewit/Kennecott	9,932	.9
19	Quaker Coal Co.	9,130	.9
20	Pittston Co.	8,404	.8
21	Lodestar Energy Inc.	7,526	.7
22	Coastal Coal Co., L.L.C.	7,362	.7
23	Walter Industries, Inc.	6,787	.6
24	ALCOA Inc	6,624	.6
25	Chevron Corp	6,546	.6
26	Pittsburg & Midway Coal Mining Co.	6,330	.6
27	Andalex Resources, Inc.	5,980	.6
*	<b>Subtotal</b>	<b>852,232</b>	<b>79.4</b>
*	<b>All other coal producers</b>	<b>221,380</b>	<b>20.6</b>
*	<b>U.S. Total</b>	<b>1,073,612</b>	<b>100.0</b>

Notes: Major coal producers are companies that produced more than 5 million short tons in 2000. A controlling company of a mine is defined as the company "controlling the coal, particularly the sale of the coal." Most often, but not always, this is the owner of the mine.

Sources: COALdat, a product of RDI/Platts and U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

# Productive Capacity

**Table 16. Productive Capacity of Coal Mines by State, 1991, 1996-2000**

(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	22,283	22,290	27,891	29,081	32,159	NA	*	-8.8	NA
Alaska.....	w	w	w	w	w	NA	w	w	NA
Arizona.....	w	w	w	w	w	NA	w	w	NA
Arkansas.....	-	w	w	w	-	NA	w	w	NA
California.....	-	-	-	-	-	NA	-	-	NA
Colorado.....	41,546	41,098	36,658	35,466	29,330	NA	1.1	9.1	NA
Illinois.....	39,027	48,783	47,625	51,523	61,727	NA	-20.0	-10.8	NA
Indiana.....	34,275	41,355	42,190	36,999	35,564	NA	-17.1	-9	NA
Iowa.....	-	-	-	-	-	NA	-	-	NA
Kansas.....	w	w	w	w	w	NA	w	w	NA
Kentucky Total.....	164,401	182,633	187,582	195,453	189,225	NA	-10.0	-3.4	NA
Eastern.....	133,552	142,362	146,150	152,681	145,691	NA	-6.2	-2.1	NA
Western.....	30,848	40,271	41,433	42,771	43,534	NA	-23.4	-8.3	NA
Louisiana.....	w	w	w	w	w	NA	w	w	NA
Maryland.....	4,637	4,224	4,250	4,884	4,935	NA	9.8	-1.5	NA
Mississippi.....	w	w	-	-	-	-	w	-	-
Missouri.....	w	w	890	690	1,046	NA	w	w	NA
Montana.....	54,682	54,882	55,882	56,140	56,175	NA	-4	-7	NA
New Mexico.....	33,118	32,797	32,790	31,604	32,695	NA	1.0	.3	NA
North Dakota.....	32,961	32,610	32,484	32,568	32,184	NA	1.1	.6	NA
Ohio.....	26,701	30,617	33,691	33,443	37,584	NA	-12.8	-8.2	NA
Oklahoma.....	2,447	2,580	1,981	2,451	1,981	NA	-5.2	5.4	NA
Pennsylvania Total.....	90,934	93,770	94,581	87,527	81,684	NA	-3.0	2.7	NA
Anthracite.....	6,471	6,622	6,827	5,504	5,504	NA	-2.3	4.1	NA
Bituminous.....	84,463	87,148	87,754	82,024	76,180	NA	-3.1	2.6	NA
Tennessee.....	4,265	3,727	4,144	4,100	4,009	NA	14.4	1.6	NA
Texas.....	51,779	54,705	54,475	54,614	59,604	NA	-5.3	-3.4	NA
Utah.....	35,091	32,158	33,838	30,281	30,230	NA	9.1	3.8	NA
Virginia.....	39,085	39,729	39,064	43,023	41,593	NA	-1.6	-1.5	NA
Washington.....	w	w	w	w	w	NA	w	w	NA
West Virginia Total.....	205,618	195,128	203,816	203,006	217,409	NA	5.4	-1.4	NA
Northern.....	44,607	47,463	48,756	50,744	54,602	NA	-6.0	-4.9	NA
Southern.....	161,011	147,664	155,059	152,262	162,807	NA	9.0	-.3	NA
Wyoming.....	396,172	407,977	379,380	366,680	350,908	NA	-2.9	3.1	NA
<b>Appalachian Total<sup>2</sup>.....</b>	<b>527,076</b>	<b>531,846</b>	<b>553,585</b>	<b>557,745</b>	<b>565,064</b>	<b>NA</b>	<b>-9</b>	<b>-1.7</b>	<b>NA</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>166,294</b>	<b>192,566</b>	<b>192,823</b>	<b>193,720</b>	<b>207,658</b>	<b>NA</b>	<b>-13.6</b>	<b>-5.4</b>	<b>NA</b>
<b>Western Total<sup>2</sup>.....</b>	<b>614,090</b>	<b>621,220</b>	<b>591,271</b>	<b>574,139</b>	<b>551,990</b>	<b>NA</b>	<b>-1.1</b>	<b>2.7</b>	<b>NA</b>
<b>East of Miss. River.....</b>	<b>634,226</b>	<b>662,275</b>	<b>684,834</b>	<b>689,038</b>	<b>705,890</b>	<b>NA</b>	<b>-4.2</b>	<b>-2.6</b>	<b>NA</b>
<b>West of Miss. River.....</b>	<b>673,234</b>	<b>683,356</b>	<b>652,845</b>	<b>636,566</b>	<b>618,823</b>	<b>NA</b>	<b>-1.5</b>	<b>2.1</b>	<b>NA</b>
<b>U.S. Total.....</b>	<b>1,307,460</b>	<b>1,345,632</b>	<b>1,337,679</b>	<b>1,325,604</b>	<b>1,324,712</b>	<b>NA</b>	<b>-2.8</b>	<b>-.3</b>	<b>NA</b>

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-7A, "Coal Production Report."



**Table 17. Capacity Utilization of Coal Mines by State, 1991, 1996-2000**  
(Percent)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991 <sup>1</sup>
Alabama.....	86.66	87.42	82.45	84.05	76.57	NA
Alaska.....	w	w	w	w	w	NA
Arizona.....	w	w	w	w	w	NA
Arkansas.....	-	w	w	w	-	NA
California.....	-	-	-	-	-	NA
Colorado.....	70.13	72.97	80.83	77.39	84.85	NA
Illinois.....	85.70	82.85	83.43	79.87	75.58	NA
Indiana.....	81.59	82.22	87.19	95.94	83.42	NA
Iowa.....	-	-	-	-	w	NA
Kansas.....	w	w	w	w	w	NA
Kentucky Total.....	79.31	76.32	79.98	79.62	80.38	NA
Eastern.....	78.33	77.14	79.64	79.05	80.07	NA
Western.....	83.57	73.44	81.17	81.63	81.40	NA
Louisiana.....	w	w	w	w	w	NA
Maryland.....	97.45	90.15	94.88	84.80	82.42	NA
Mississippi.....	w	w	-	-	-	-
Missouri.....	w	w	41.79	57.36	67.85	NA
Montana.....	70.14	74.89	76.66	73.03	67.45	NA
New Mexico.....	82.49	88.90	87.21	85.51	73.61	NA
North Dakota.....	94.87	95.48	92.08	90.82	92.78	NA
Ohio.....	83.25	73.10	83.13	87.07	75.88	NA
Oklahoma.....	64.69	63.75	83.36	65.87	85.16	NA
Pennsylvania Total.....	81.69	81.06	85.28	86.46	82.53	NA
Anthracite.....	68.23	69.14	73.57	80.95	82.56	NA
Bituminous.....	82.73	81.96	86.19	86.83	82.53	NA
Tennessee.....	62.18	81.01	64.52	80.26	90.32	NA
Texas.....	95.59	97.02	96.53	97.64	92.55	NA
Utah.....	75.94	81.98	77.06	88.09	90.97	NA
Virginia.....	83.86	81.09	86.13	83.09	85.34	NA
Washington.....	w	w	w	w	w	NA
West Virginia Total.....	76.90	80.89	83.91	85.50	78.32	NA
Northern.....	84.16	81.65	91.39	84.23	83.95	NA
Southern.....	74.90	80.64	81.56	85.92	76.43	NA
Wyoming.....	85.54	82.63	82.87	76.87	79.35	NA
<b>Appalachian Total<sup>2</sup>.....</b>	<b>79.40</b>	<b>79.83</b>	<b>82.99</b>	<b>83.67</b>	<b>79.75</b>	<b>NA</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>86.30</b>	<b>84.39</b>	<b>87.30</b>	<b>88.18</b>	<b>83.20</b>	<b>NA</b>
<b>Western Total<sup>2</sup>.....</b>	<b>83.16</b>	<b>82.47</b>	<b>82.66</b>	<b>78.60</b>	<b>79.55</b>	<b>NA</b>
<b>East of Miss. River.....</b>	<b>79.88</b>	<b>79.81</b>	<b>83.17</b>	<b>83.92</b>	<b>79.68</b>	<b>NA</b>
<b>West of Miss. River.....</b>	<b>84.08</b>	<b>83.53</b>	<b>83.78</b>	<b>80.20</b>	<b>80.82</b>	<b>NA</b>
<b>U.S. Total.....</b>	<b>82.04</b>	<b>81.70</b>	<b>83.47</b>	<b>82.13</b>	<b>80.21</b>	<b>NA</b>

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Source: Energy Information Administration, Form EIA-7A, "Coal Production Report."

**Table 18. Production, Productive Capacity, and Capacity Utilization of Coal Mines by State and Mine Type, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Underground			Surface			Total		
	Production	Productive Capacity	Capacity Utilization (percent)	Production	Productive Capacity	Capacity Utilization (percent)	Production	Productive Capacity	Capacity Utilization (percent)
Alabama.....	15,895	17,765	89.47	3,416	4,518	75.60	19,311	22,283	86.66
Alaska.....	—	—	—	1,641	w	w	1,641	w	w
Arizona.....	—	—	—	13,111	w	w	13,111	w	w
Colorado.....	19,982	31,814	62.81	9,155	9,732	94.07	29,137	41,546	70.13
Illinois.....	29,642	34,371	86.24	3,802	4,656	81.66	33,444	39,027	85.70
Indiana.....	3,688	w	w	24,277	w	w	27,965	34,275	81.59
Kansas.....	—	—	—	201	w	w	201	w	w
Kentucky Total.....	80,039	102,177	78.33	50,354	62,224	80.92	130,393	164,401	79.31
Eastern.....	59,649	77,385	77.08	44,965	56,167	80.06	104,614	133,552	78.33
Western.....	20,390	24,792	82.24	5,389	6,057	88.98	25,779	30,848	83.57
Louisiana.....	—	—	—	3,699	w	w	3,699	w	w
Maryland.....	3,196	w	w	1,323	w	w	4,519	4,637	97.45
Mississippi.....	—	—	—	902	w	w	902	w	w
Missouri.....	—	—	—	436	w	w	436	w	w
Montana.....	—	—	—	38,352	54,682	70.14	38,352	54,682	70.14
New Mexico.....	—	—	—	27,320	33,118	82.49	27,320	33,118	82.49
North Dakota.....	—	—	—	31,270	32,961	94.87	31,270	32,961	94.87
Ohio.....	11,933	12,911	92.42	10,295	13,790	74.66	22,228	26,701	83.25
Oklahoma.....	241	w	w	1,341	w	w	1,583	2,447	64.69
Pennsylvania Total.....	57,868	67,384	85.88	16,419	23,550	69.72	74,287	90,934	81.69
Anthracite.....	241	300	80.44	4,173	6,171	67.63	4,415	6,471	68.23
Bituminous.....	57,627	67,084	85.90	12,246	17,379	70.46	69,872	84,463	82.73
Tennessee.....	1,453	2,203	65.96	1,199	2,062	58.14	2,652	4,265	62.18
Texas.....	—	—	—	49,498	51,779	95.59	49,498	51,779	95.59
Utah.....	26,649	35,091	75.94	—	—	—	26,649	35,091	75.94
Virginia.....	23,149	26,963	85.86	9,627	12,123	79.42	32,777	39,085	83.86
Washington.....	—	—	—	4,270	w	w	4,270	w	w
West Virginia Total.....	98,389	131,963	74.56	59,742	73,655	81.11	158,130	205,618	76.90
Northern.....	32,269	38,742	83.29	5,270	5,864	89.87	37,539	44,607	84.16
Southern.....	66,120	93,221	70.93	54,471	67,791	80.35	120,591	161,011	74.90
Wyoming.....	1,210	w	w	337,691	w	w	338,900	396,172	85.54
<b>Appalachian Total<sup>1</sup>.....</b>	<b>271,532</b>	<b>339,770</b>	<b>79.92</b>	<b>146,987</b>	<b>187,306</b>	<b>78.47</b>	<b>418,519</b>	<b>527,076</b>	<b>79.40</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>53,962</b>	<b>65,849</b>	<b>81.95</b>	<b>89,545</b>	<b>100,445</b>	<b>89.15</b>	<b>143,507</b>	<b>166,294</b>	<b>86.30</b>
<b>Western Total<sup>1</sup>.....</b>	<b>47,841</b>	<b>68,178</b>	<b>70.17</b>	<b>462,809</b>	<b>545,912</b>	<b>84.78</b>	<b>510,650</b>	<b>614,090</b>	<b>83.16</b>
<b>East of Miss. River.....</b>	<b>325,252</b>	<b>405,259</b>	<b>80.26</b>	<b>181,357</b>	<b>228,967</b>	<b>79.21</b>	<b>506,609</b>	<b>634,226</b>	<b>79.88</b>
<b>West of Miss. River.....</b>	<b>48,082</b>	<b>68,538</b>	<b>70.15</b>	<b>517,984</b>	<b>604,696</b>	<b>85.66</b>	<b>566,067</b>	<b>673,234</b>	<b>84.08</b>
<b>Unknown<sup>2</sup>.....</b>	<b>324</b>	<b>NA</b>	<b>NA</b>	<b>612</b>	<b>NA</b>	<b>NA</b>	<b>936</b>	<b>NA</b>	<b>NA</b>
<b>U.S. Total.....</b>	<b>373,659</b>	<b>473,797</b>	<b>78.80</b>	<b>699,953</b>	<b>833,663</b>	<b>83.89</b>	<b>1,073,612</b>	<b>1,307,460</b>	<b>82.04</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>2</sup> Includes mines with production of less than 10,000 short tons, which are not required to provide data.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 19. Productive Capacity and Capacity Utilization of Underground Coal Mines  
by State and Mining Method, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Continuous <sup>1</sup>		Conventional <sup>1</sup>		Longwall <sup>1</sup>		Other <sup>1 4</sup>	
	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)
Alabama.....	3,426	81.43	—	—	14,339	91.39	—	—
Colorado .....	5,838	53.51	—	—	21,976	71.14	4,000	30.60
Illinois.....	21,271	87.44	—	—	13,100	84.29	—	—
Indiana.....	w	w	—	—	—	—	—	—
Kentucky Total.....	90,947	76.81	2,401	72.86	8,811	95.48	—	—
Eastern .....	73,435	76.73	2,401	72.86	1,532	100.00	—	—
Western.....	17,513	77.14	—	—	7,279	94.53	—	—
Maryland.....	w	w	—	—	w	w	—	—
Ohio.....	5,171	81.60	—	—	7,741	99.65	—	—
Oklahoma .....	w	w	—	—	—	—	—	—
Pennsylvania Total.....	21,526	70.01	115	68.68	45,719	93.39	23	99.23
Anthracite .....	162	86.13	115	68.68	—	—	23	99.23
Bituminous .....	21,364	69.89	—	—	45,719	93.39	—	—
Tennessee .....	2,203	65.96	—	—	—	—	—	—
Utah .....	10,166	54.13	570	43.46	24,355	85.81	—	—
Virginia.....	19,054	88.01	—	—	6,660	85.87	1,238	52.55
West Virginia Total.....	90,641	70.10	700	79.29	39,461	83.96	1,190	100.00
Northern.....	17,354	71.48	—	—	21,389	92.87	—	—
Southern.....	73,287	69.78	700	79.29	18,073	73.41	1,190	100.00
Wyoming.....	w	w	—	—	w	w	—	—
<b>Appalachian Total<sup>3</sup>.....</b>	<b>216,358</b>	<b>74.46</b>	<b>3,216</b>	<b>74.11</b>	<b>117,746</b>	<b>90.19</b>	<b>2,451</b>	<b>75.73</b>
<b>Interior Total<sup>3</sup>.....</b>	<b>45,470</b>	<b>79.26</b>	<b>—</b>	<b>—</b>	<b>20,379</b>	<b>87.95</b>	<b>—</b>	<b>—</b>
<b>Western Total<sup>3</sup>.....</b>	<b>16,003</b>	<b>53.91</b>	<b>570</b>	<b>43.46</b>	<b>47,604</b>	<b>79.28</b>	<b>4,000</b>	<b>30.60</b>
<b>East of Miss. River.....</b>	<b>261,468</b>	<b>75.30</b>	<b>3,216</b>	<b>74.11</b>	<b>138,125</b>	<b>89.86</b>	<b>2,451</b>	<b>75.73</b>
<b>West of Miss. River.....</b>	<b>16,363</b>	<b>54.19</b>	<b>570</b>	<b>43.46</b>	<b>47,604</b>	<b>79.28</b>	<b>4,000</b>	<b>30.60</b>
<b>U.S. Total.....</b>	<b>277,831</b>	<b>74.06</b>	<b>3,786</b>	<b>69.50</b>	<b>185,729</b>	<b>87.15</b>	<b>6,451</b>	<b>47.62</b>

<sup>1</sup> Calculated by multiplying reported mining method percentages by the individual mine capacity.

<sup>2</sup> Includes scoop loading and hand loading.

<sup>3</sup> For a definition of coal-producing regions, see Appendix C.

<sup>4</sup> Includes shortwall, scoop loading, hand loading and unknown.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 20. Productive Capacity and Capacity Utilization of Coal Mines by State and Coal Rank, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Bituminous		Subbituminous		Lignite		Anthracite	
	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)
Alabama.....	22,283	86.66	-	-	-	-	-	-
Alaska.....	-	-	w	w	-	-	-	-
Arizona.....	w	w	w	w	-	-	-	-
Colorado.....	34,014	64.41	7,532	95.99	-	-	-	-
Illinois.....	39,027	85.70	-	-	-	-	-	-
Indiana.....	34,275	81.59	-	-	-	-	-	-
Kansas.....	w	w	-	-	-	-	-	-
Kentucky Total.....	164,401	79.31	-	-	-	-	-	-
Eastern.....	133,552	78.33	-	-	-	-	-	-
Western.....	30,848	83.57	-	-	-	-	-	-
Louisiana.....	-	-	-	-	w	w	-	-
Maryland.....	4,637	97.45	-	-	-	-	-	-
Mississippi.....	-	-	-	-	w	w	-	-
Missouri.....	w	w	-	-	-	-	-	-
Montana.....	-	-	w	w	w	w	-	-
New Mexico.....	w	w	w	w	-	-	-	-
North Dakota.....	-	-	-	-	32,961	94.87	-	-
Ohio.....	26,701	83.25	-	-	-	-	-	-
Oklahoma.....	2,447	64.69	-	-	-	-	-	-
Pennsylvania Total.....	84,463	82.73	-	-	-	-	6,471	68.23
Anthracite.....	-	-	-	-	-	-	6,471	68.23
Bituminous.....	84,463	82.73	-	-	-	-	-	-
Tennessee.....	4,265	62.18	-	-	-	-	-	-
Texas.....	w	w	-	-	w	w	-	-
Utah.....	35,091	75.94	-	-	-	-	-	-
Virginia.....	39,085	83.86	-	-	-	-	-	-
Washington.....	-	-	w	w	-	-	-	-
West Virginia Total.....	205,618	76.90	-	-	-	-	-	-
Northern.....	44,607	84.16	-	-	-	-	-	-
Southern.....	161,011	74.90	-	-	-	-	-	-
Wyoming.....	w	w	w	w	-	-	-	-
<b>Appalachian Total<sup>1</sup>.....</b>	<b>520,606</b>	<b>79.54</b>	-	-	-	-	<b>6,471</b>	<b>68.23</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>w</b>	<b>w</b>	-	-	<b>w</b>	<b>w</b>	-	-
<b>Western Total<sup>1</sup>.....</b>	<b>w</b>	<b>w</b>	<b>484,895</b>	<b>84.44</b>	<b>w</b>	<b>w</b>	-	-
<b>East of Miss. River.....</b>	<b>624,756</b>	<b>80.24</b>	-	-	<b>3,000</b>	<b>30.07</b>	<b>6,471</b>	<b>68.23</b>
<b>West of Miss. River.....</b>	<b>106,650</b>	<b>72.36</b>	<b>484,895</b>	<b>84.44</b>	<b>88,889</b>	<b>95.24</b>	-	-
<b>U.S. Total.....</b>	<b>731,405</b>	<b>79.09</b>	<b>484,895</b>	<b>84.44</b>	<b>91,889</b>	<b>93.11</b>	<b>6,471</b>	<b>68.23</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Refer to the *Classification of Coals by Rank* table in Appendix C for coal rank definitions. Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 21. Productive Capacity and Capacity Utilization of Coal Mines by State and Mine Production Range, 2000**  
(Thousand Short Tons, Percent)

Coal-Producing State and Region	Productive Capacity					Capacity Utilization (percent)				
	Mine Production Range (thousand short tons)									
	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100	1,000 and over	500 to 1,000	200 to 500	100 to 200	10 to 100
Alabama.....	17,085	-	1,992	1,741	1,466	91.79	-	84.00	62.21	59.49
Alaska.....	w	-	-	-	-	w	-	-	-	-
Arizona.....	w	-	-	-	-	w	-	-	-	-
Colorado.....	39,366	-	1,300	880	-	71.34	-	51.52	43.57	-
Illinois.....	36,121	2,346	-	w	w	85.77	97.77	-	w	w
Indiana.....	22,482	6,270	w	253	w	94.52	80.58	w	97.01	w
Kansas.....	-	-	w	-	-	-	-	w	-	-
Kentucky Total.....	64,133	39,769	30,356	13,522	16,621	88.71	87.10	76.32	68.93	38.36
Eastern.....	42,390	w	28,137	w	16,581	88.53	w	78.58	w	38.22
Western.....	21,743	w	2,219	w	39	89.05	w	47.65	w	99.13
Louisiana.....	w	w	-	-	-	w	w	-	-	-
Maryland.....	w	529	w	w	301	w	100.00	w	w	83.01
Mississippi.....	-	w	-	-	-	-	w	-	-	-
Missouri.....	-	-	w	w	-	-	-	49.75	w	w
Montana.....	w	-	w	-	-	w	-	w	-	-
New Mexico.....	w	-	-	w	-	w	-	-	w	-
North Dakota.....	32,961	-	-	-	-	94.87	-	-	-	-
Ohio.....	13,068	4,900	5,599	2,065	1,069	89.66	88.24	72.87	77.35	47.77
Oklahoma.....	-	w	w	383	504	-	w	w	87.53	22.31
Pennsylvania Total.....	52,952	9,384	14,545	7,342	6,711	92.99	60.57	71.23	62.48	65.81
Anthracite.....	-	w	2,636	w	1,975	-	w	69.26	w	72.57
Bituminous.....	52,952	w	11,909	w	4,736	92.99	w	71.67	w	62.99
Tennessee.....	-	-	2,457	423	1,385	-	-	84.06	62.13	23.38
Texas.....	w	-	w	325	-	w	-	w	55.31	-
Utah.....	28,475	w	w	-	-	84.31	w	w	-	-
Virginia.....	w	8,154	12,147	w	5,104	w	94.76	89.06	w	55.25
Washington.....	w	-	-	-	-	w	-	-	-	-
West Virginia Total.....	116,405	34,559	32,328	12,507	9,819	86.89	77.39	60.41	51.78	43.14
Northern.....	28,717	6,569	6,270	1,133	1,918	93.01	90.12	44.22	75.65	66.71
Southern.....	87,688	27,990	26,058	11,374	7,901	84.88	74.41	64.30	49.40	37.42
Wyoming.....	386,636	w	w	-	w	87.28	w	w	-	w
<b>Appalachian Total<sup>1</sup>.....</b>	<b>253,607</b>	<b>92,417</b>	<b>98,346</b>	<b>40,270</b>	<b>42,436</b>	<b>89.09</b>	<b>81.41</b>	<b>72.92</b>	<b>64.22</b>	<b>46.58</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>134,125</b>	<b>18,193</b>	<b>6,458</b>	<b>w</b>	<b>w</b>	<b>92.13</b>	<b>76.68</b>	<b>56.27</b>	<b>w</b>	<b>w</b>
<b>Western Total<sup>1</sup>.....</b>	<b>595,310</b>	<b>8,346</b>	<b>9,518</b>	<b>w</b>	<b>w</b>	<b>84.85</b>	<b>28.56</b>	<b>28.44</b>	<b>w</b>	<b>w</b>
<b>East of Miss. River.....</b>	<b>333,952</b>	<b>108,910</b>	<b>102,539</b>	<b>42,493</b>	<b>46,332</b>	<b>89.10</b>	<b>80.71</b>	<b>72.18</b>	<b>63.58</b>	<b>43.49</b>
<b>West of Miss. River.....</b>	<b>649,090</b>	<b>10,046</b>	<b>11,783</b>	<b>1,775</b>	<b>540</b>	<b>85.83</b>	<b>36.61</b>	<b>34.29</b>	<b>61.15</b>	<b>27.51</b>
<b>U.S. Total.....</b>	<b>983,041</b>	<b>118,956</b>	<b>114,322</b>	<b>44,268</b>	<b>46,872</b>	<b>86.94</b>	<b>76.98</b>	<b>68.27</b>	<b>63.48</b>	<b>43.30</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 22. Productive Capacity and Productivity of Coal Mines by State and Capacity Utilization Range, 2000**  
(Thousand Short Tons, Short Tons per Employee per Hour)

Coal-Producing State and Region	Productive Capacity						Productivity					
	Capacity Utilization Range (percent)											
	90 and over	80 to 90	70 to 80	60 to 70	Less than 60	Total	90 and over	80 to 90	70 to 80	60 to 70	Less than 60	Total
Alabama.....	15,591	w	w	780	5,065	22,283	2.99	3.82	2.45	4.60	1.74	2.75
Alaska.....	-	-	-	-	w	w	-	-	-	-	6.05	6.05
Arizona.....	w	-	-	-	-	w	7.42	-	-	-	-	7.15
Colorado.....	10,666	w	-	w	14,280	41,546	9.48	9.11	-	6.74	4.69	7.64
Illinois.....	19,096	9,271	6,000	4,100	560	39,027	5.26	4.11	3.63	3.22	.63	4.32
Indiana.....	19,510	6,200	2,400	1,900	4,265	34,275	5.55	6.73	7.56	5.83	1.80	5.67
Kansas.....	w	-	-	-	-	w	11.10	-	-	-	-	11.10
Kentucky Total.....	83,420	24,670	15,627	11,130	29,554	164,401	4.78	4.32	5.28	4.21	1.31	3.96
Eastern.....	65,571	19,170	12,927	9,030	26,854	133,552	4.79	4.08	4.96	4.01	1.39	3.86
Western.....	17,848	5,500	2,700	2,100	2,700	30,848	4.76	5.41	7.59	5.26	.65	4.46
Louisiana.....	w	-	w	-	-	w	10.32	-	10.22	-	-	10.30
Maryland.....	4,197	w	w	-	-	4,637	5.06	3.60	2.15	-	-	4.41
Mississippi.....	-	-	-	-	w	w	-	-	-	-	3.84	3.84
Missouri.....	w	-	-	w	500	w	11.53	-	-	-	2.82	4.17
Montana.....	w	448	-	w	3,800	54,682	41.61	18.25	-	19.57	14.84	22.85
New Mexico.....	4,758	16,900	7,200	4,260	-	33,118	13.57	8.98	7.47	5.00	-	8.50
North Dakota.....	28,977	-	-	3,984	-	32,961	19.08	-	-	9.84	-	17.63
Ohio.....	15,239	1,930	2,950	1,211	5,371	26,701	3.72	3.42	4.16	5.12	2.42	3.55
Oklahoma.....	w	w	w	w	360	2,447	3.25	4.31	4.11	3.37	.54	3.49
Pennsylvania Total.....	58,761	2,804	2,315	10,484	16,570	90,934	5.85	3.43	4.47	3.37	1.48	4.32
Anthracite.....	2,928	397	125	910	2,110	6,471	5.43	2.69	5.96	2.10	.36	1.97
Bituminous.....	55,833	2,406	2,190	9,574	14,460	84,463	5.88	3.60	4.41	3.57	1.96	4.68
Tennessee.....	1,347	420	443	-	2,055	4,265	3.86	2.43	3.03	-	1.94	2.85
Texas.....	39,654	w	w	-	w	51,779	9.91	9.92	9.24	-	3.27	9.71
Utah.....	20,475	w	w	-	w	35,091	10.92	3.26	3.51	-	4.36	7.68
Virginia.....	23,198	4,371	4,425	2,330	4,761	39,085	4.08	3.45	3.83	2.98	.65	3.14
Washington.....	w	-	-	-	-	w	3.85	-	-	-	-	3.85
West Virginia Total.....	86,759	36,636	20,518	23,669	38,036	205,618	5.89	5.85	5.96	5.00	1.71	4.92
Northern.....	29,854	5,877	1,751	1,157	5,968	44,607	5.53	4.28	4.13	3.64	1.75	4.77
Southern.....	56,905	30,759	18,767	22,512	32,068	161,011	6.10	6.27	6.23	5.10	1.71	4.97
Wyoming.....	175,622	151,550	9,500	23,000	36,500	396,172	39.60	48.63	9.17	31.68	21.64	38.29
<b>Appalachian Total<sup>1</sup>.....</b>	<b>270,665</b>	<b>66,051</b>	<b>44,144</b>	<b>47,504</b>	<b>98,711</b>	<b>527,076</b>	<b>4.94</b>	<b>4.72</b>	<b>5.01</b>	<b>4.20</b>	<b>1.50</b>	<b>4.10</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>99,593</b>	<b>30,571</b>	<b>14,616</b>	<b>9,204</b>	<b>12,310</b>	<b>166,294</b>	<b>6.56</b>	<b>5.85</b>	<b>5.33</b>	<b>3.95</b>	<b>1.53</b>	<b>5.81</b>
<b>Western Total<sup>1</sup>.....</b>	<b>270,018</b>	<b>182,698</b>	<b>17,546</b>	<b>73,178</b>	<b>70,650</b>	<b>614,090</b>	<b>21.57</b>	<b>27.71</b>	<b>7.82</b>	<b>16.55</b>	<b>7.37</b>	<b>19.63</b>
<b>East of Miss. River.....</b>	<b>327,120</b>	<b>87,022</b>	<b>55,244</b>	<b>55,604</b>	<b>109,236</b>	<b>634,226</b>	<b>4.98</b>	<b>4.78</b>	<b>4.96</b>	<b>4.17</b>	<b>1.49</b>	<b>4.19</b>
<b>West of Miss. River.....</b>	<b>313,157</b>	<b>192,298</b>	<b>21,062</b>	<b>74,282</b>	<b>72,435</b>	<b>673,234</b>	<b>18.51</b>	<b>25.15</b>	<b>7.97</b>	<b>15.66</b>	<b>7.05</b>	<b>17.67</b>
<b>U.S. Total.....</b>	<b>640,277</b>	<b>279,320</b>	<b>76,306</b>	<b>129,886</b>	<b>181,671</b>	<b>1,307,460</b>	<b>7.78</b>	<b>10.90</b>	<b>5.52</b>	<b>7.18</b>	<b>2.22</b>	<b>7.02</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations, including office workers. Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 23. Productive Capacity and Capacity Utilization of Coal Mines by State and Recoverable Reserves Range, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	Recoverable Reserves Range (million short tons)							
	50 and over		10 to 50		0 to 10		Total	
	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)
Alabama.....	9,000	100.00	8,565	79.15	4,718	74.84	22,283	86.66
Alaska.....	w	w	—	—	—	—	w	w
Arizona.....	w	w	—	—	—	—	w	w
Colorado.....	26,766	77.63	8,200	47.49	6,580	67.86	41,546	70.13
Illinois.....	18,300	90.15	11,621	80.25	9,106	83.69	39,027	85.70
Indiana.....	1,644	99.98	20,310	81.18	12,321	79.81	34,275	81.59
Kansas.....	—	—	—	—	w	w	w	w
Kentucky Total.....	6,700	79.53	27,314	77.49	130,386	79.69	164,401	79.31
Eastern.....	—	—	18,922	69.83	114,630	79.74	133,552	78.33
Western.....	6,700	79.53	8,392	94.75	15,757	79.33	30,848	83.57
Louisiana.....	w	w	w	w	—	—	w	w
Maryland.....	w	w	w	w	w	w	4,637	97.45
Mississippi.....	w	w	—	—	—	—	w	w
Missouri.....	—	—	—	—	w	w	w	w
Montana.....	w	w	w	w	—	—	54,682	70.14
New Mexico.....	15,500	87.55	w	w	w	w	33,118	82.49
North Dakota.....	32,961	94.87	—	—	—	—	32,961	94.87
Ohio.....	6,550	86.56	9,368	92.56	10,784	73.15	26,701	83.25
Oklahoma.....	—	—	w	w	w	w	w	w
Pennsylvania Total.....	28,700	97.39	20,602	84.29	41,632	69.59	90,934	81.69
Anthracite.....	—	—	w	w	w	w	6,471	68.23
Bituminous.....	28,700	97.39	w	w	w	w	84,463	82.73
Tennessee.....	—	—	250	7.72	4,015	65.57	4,265	62.18
Texas.....	30,263	94.21	w	w	w	w	51,779	95.59
Utah.....	w	w	w	w	11,991	93.69	35,091	75.94
Virginia.....	4,700	95.03	4,168	78.65	30,217	82.84	39,085	83.86
Washington.....	w	w	—	—	—	—	w	w
West Virginia Total.....	26,489	72.94	69,450	82.65	109,679	74.23	205,618	76.90
Northern.....	w	w	w	w	11,651	86.49	44,607	84.16
Southern.....	w	w	w	w	98,029	72.77	161,011	74.90
Wyoming.....	385,363	87.25	—	—	10,809	24.54	396,172	85.54
<b>Appalachian Total<sup>1</sup>.....</b>	<b>78,106</b>	<b>88.44</b>	<b>131,855</b>	<b>81.34</b>	<b>317,116</b>	<b>76.37</b>	<b>527,076</b>	<b>79.40</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>62,833</b>	<b>88.82</b>	<b>62,974</b>	<b>88.67</b>	<b>40,488</b>	<b>78.69</b>	<b>166,294</b>	<b>86.30</b>
<b>Western Total<sup>1</sup>.....</b>	<b>546,044</b>	<b>85.63</b>	<b>34,406</b>	<b>64.17</b>	<b>33,640</b>	<b>62.36</b>	<b>614,090</b>	<b>83.16</b>
<b>East of Miss. River.....</b>	<b>107,750</b>	<b>86.73</b>	<b>172,177</b>	<b>81.90</b>	<b>354,299</b>	<b>76.81</b>	<b>634,226</b>	<b>79.88</b>
<b>West of Miss. River.....</b>	<b>579,233</b>	<b>86.15</b>	<b>57,057</b>	<b>77.38</b>	<b>36,944</b>	<b>61.94</b>	<b>673,234</b>	<b>84.08</b>
<b>U.S. Total.....</b>	<b>686,983</b>	<b>86.24</b>	<b>229,234</b>	<b>80.78</b>	<b>391,243</b>	<b>75.41</b>	<b>1,307,460</b>	<b>82.04</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 24. Productive Capacity and Capacity Utilization of Coal Mines by State, Mine Type, and Union Type, 2000**  
(Thousand Short Tons)

Coal-Producing State and Region	UMWA		Other Unions		Nonunion		Total	
	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)
<b>Alabama</b> .....	<b>17,085</b>	<b>91.79</b>	—	—	<b>5,198</b>	<b>69.79</b>	<b>22,283</b>	<b>86.66</b>
Underground.....	17,085	91.79	—	—	680	31.18	17,765	89.47
Surface.....	—	—	—	—	4,518	75.60	4,518	75.60
<b>Alaska</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Arizona</b> .....	w	w	—	—	—	—	w	w
Surface.....	w	w	—	—	—	—	w	w
<b>Colorado</b> .....	w	w	w	w	<b>23,046</b>	<b>71.17</b>	<b>41,546</b>	<b>70.13</b>
Underground.....	w	w	—	—	w	w	31,814	62.81
Surface.....	w	w	w	w	w	w	9,732	94.07
<b>Illinois</b> .....	<b>16,371</b>	<b>83.03</b>	<b>4,210</b>	<b>74.08</b>	<b>18,446</b>	<b>90.71</b>	<b>39,027</b>	<b>85.70</b>
Underground.....	w	w	w	w	16,400	89.58	34,371	86.24
Surface.....	w	w	w	w	2,046	99.74	4,656	81.66
<b>Indiana</b> .....	<b>4,485</b>	<b>93.49</b>	—	—	<b>29,790</b>	<b>79.80</b>	<b>34,275</b>	<b>81.59</b>
Underground.....	—	—	—	—	6,326	58.30	6,326	58.30
Surface.....	4,485	93.49	—	—	23,464	85.60	27,949	86.86
<b>Kansas</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Kentucky Total</b> .....	<b>14,473</b>	<b>80.51</b>	—	—	<b>149,927</b>	<b>79.20</b>	<b>164,401</b>	<b>79.31</b>
Underground.....	w	w	—	—	w	w	102,177	78.33
Surface.....	w	w	—	—	w	w	62,224	80.92
<b>Eastern</b> .....	w	w	—	—	w	w	<b>133,552</b>	<b>78.33</b>
Underground.....	w	w	—	—	w	w	77,385	77.08
Surface.....	—	—	—	—	w	w	w	w
<b>Western</b> .....	w	w	—	—	w	w	<b>30,848</b>	<b>83.57</b>
Underground.....	w	w	—	—	w	w	24,792	82.24
Surface.....	w	w	—	—	w	w	6,057	88.98
<b>Louisiana</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Maryland</b> .....	—	—	—	—	<b>4,637</b>	<b>97.45</b>	<b>4,637</b>	<b>97.45</b>
Underground.....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Mississippi</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Missouri</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Montana</b> .....	w	w	w	w	w	w	<b>54,682</b>	<b>70.14</b>
Surface.....	w	w	w	w	w	w	54,682	70.14
<b>New Mexico</b> .....	w	w	w	w	<b>6,000</b>	<b>84.68</b>	<b>33,118</b>	<b>82.49</b>
Surface.....	w	w	w	w	w	w	w	w
<b>North Dakota</b> .....	w	w	w	w	w	w	<b>32,961</b>	<b>94.87</b>
Surface.....	w	w	w	w	w	w	32,961	94.87
<b>Ohio</b> .....	<b>11,255</b>	<b>92.18</b>	—	—	<b>15,447</b>	<b>76.74</b>	<b>26,701</b>	<b>83.25</b>
Underground.....	8,968	99.66	—	—	3,944	75.97	12,911	92.42
Surface.....	2,287	62.85	—	—	11,503	77.01	13,790	74.66
<b>Oklahoma</b> .....	—	—	—	—	<b>2,447</b>	<b>64.69</b>	<b>2,447</b>	<b>64.69</b>
Underground.....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Pennsylvania Total</b> .....	w	w	w	w	<b>53,681</b>	<b>78.32</b>	<b>90,934</b>	<b>81.69</b>
Underground.....	w	w	—	—	w	w	67,384	85.88
Surface.....	w	w	w	w	w	w	23,550	69.72
<b>Anthracite</b> .....	w	w	w	w	<b>4,153</b>	<b>86.52</b>	<b>6,471</b>	<b>68.23</b>
Underground.....	—	—	—	—	300	80.44	300	80.44
Surface.....	w	w	w	w	3,853	86.99	6,171	67.63
<b>Bituminous</b> .....	w	w	—	—	w	w	<b>84,463</b>	<b>82.73</b>
Underground.....	w	w	—	—	w	w	67,084	85.90
Surface.....	w	w	—	—	w	w	17,379	70.46
<b>Tennessee</b> .....	—	—	—	—	<b>4,265</b>	<b>62.18</b>	<b>4,265</b>	<b>62.18</b>
Underground.....	—	—	—	—	2,203	65.96	2,203	65.96
Surface.....	—	—	—	—	2,062	58.14	2,062	58.14
<b>Texas</b> .....	—	—	w	w	w	w	<b>51,779</b>	<b>95.59</b>
Surface.....	—	—	w	w	w	w	51,779	95.59
<b>Utah</b> .....	w	w	w	w	<b>24,975</b>	<b>68.77</b>	<b>35,091</b>	<b>75.94</b>
Underground.....	w	w	w	w	24,975	68.77	35,091	75.94
<b>Virginia</b> .....	<b>5,230</b>	<b>83.76</b>	<b>1,700</b>	<b>94.59</b>	<b>32,155</b>	<b>83.31</b>	<b>39,085</b>	<b>83.86</b>
Underground.....	5,230	83.76	w	w	w	w	26,963	85.86
Surface.....	—	—	w	w	w	w	12,123	79.42

See footnotes at end of table.



**Table 24. Productive Capacity and Capacity Utilization of Coal Mines by State, Mine Type, and Union Type, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and Region	UMWA		Other Unions		Nonunion		Total	
	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)	Productive Capacity	Capacity Utilization (percent)
<b>Washington</b> .....	-	-	w	w	-	-	w	w
Surface .....	-	-	w	w	-	-	w	w
<b>West Virginia Total</b> .....	<b>69,839</b>	<b>85.64</b>	-	-	<b>135,778</b>	<b>72.41</b>	<b>205,618</b>	<b>76.90</b>
Underground .....	50,449	85.99	-	-	81,514	67.48	131,963	74.56
Surface .....	19,390	84.72	-	-	54,264	79.82	73,655	81.11
<b>Northern</b> .....	<b>24,936</b>	<b>92.95</b>	-	-	<b>19,670</b>	<b>73.01</b>	<b>44,607</b>	<b>84.16</b>
Underground .....	24,936	92.95	-	-	13,806	65.84	38,742	83.29
Surface .....	-	-	-	-	5,864	89.87	5,864	89.87
<b>Southern</b> .....	<b>44,903</b>	<b>81.58</b>	-	-	<b>116,108</b>	<b>72.31</b>	<b>161,011</b>	<b>74.90</b>
Underground .....	25,513	79.18	-	-	67,708	67.82	93,221	70.93
Surface .....	19,390	84.72	-	-	48,400	78.60	67,791	80.35
<b>Wyoming</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>381,129</b>	<b>86.06</b>	<b>396,172</b>	<b>85.54</b>
Underground .....	-	-	-	-	1,273	95.06	1,273	95.06
Surface .....	w	w	w	w	379,857	86.03	394,899	85.51
<b>Appalachian Total<sup>1</sup></b> .....	<b>141,262</b>	<b>87.14</b>	<b>1,750</b>	<b>93.74</b>	<b>384,065</b>	<b>76.49</b>	<b>527,076</b>	<b>79.40</b>
Underground .....	116,900	89.03	900	98.53	221,970	75.04	339,770	79.92
Surface .....	24,361	78.07	850	88.66	162,095	78.48	187,306	78.47
<b>Interior Total<sup>1</sup></b> .....	<b>34,679</b>	<b>83.05</b>	<b>37,415</b>	<b>96.06</b>	<b>94,200</b>	<b>83.62</b>	<b>166,294</b>	<b>86.30</b>
Underground .....	29,044	81.02	2,150	86.70	34,655	82.43	65,849	81.95
Surface .....	5,635	93.49	35,265	96.63	59,545	84.31	100,445	89.15
<b>Western Total<sup>1</sup></b> .....	<b>74,170</b>	<b>76.06</b>	<b>65,570</b>	<b>77.59</b>	<b>474,350</b>	<b>85.03</b>	<b>614,090</b>	<b>83.16</b>
Underground .....	22,500	76.36	1,616	64.55	44,062	67.21	68,178	70.17
Surface .....	51,670	75.93	63,954	77.91	430,289	86.86	545,912	84.78
<b>East of Miss. River</b> .....	<b>175,940</b>	<b>86.33</b>	<b>5,960</b>	<b>79.85</b>	<b>452,326</b>	<b>77.37</b>	<b>634,226</b>	<b>79.88</b>
Underground .....	145,944	87.44	3,050	90.19	256,265	76.05	405,259	80.26
Surface .....	29,996	80.97	2,910	69.02	196,061	79.09	228,967	79.21
<b>West of Miss. River</b> .....	<b>74,170</b>	<b>76.06</b>	<b>98,775</b>	<b>84.73</b>	<b>500,289</b>	<b>85.14</b>	<b>673,234</b>	<b>84.08</b>
Underground .....	22,500	76.36	1,616	64.55	44,422	67.21	68,538	70.15
Surface .....	51,670	75.93	97,159	85.07	455,867	86.89	604,696	85.66
<b>U.S. Total</b> .....	<b>250,110</b>	<b>83.29</b>	<b>104,735</b>	<b>84.45</b>	<b>952,615</b>	<b>81.45</b>	<b>1,307,460</b>	<b>82.04</b>
Underground .....	168,444	85.96	4,666	81.31	300,687	74.75	473,797	78.80
Surface .....	81,666	77.78	100,069	84.60	651,929	84.54	833,663	83.89

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

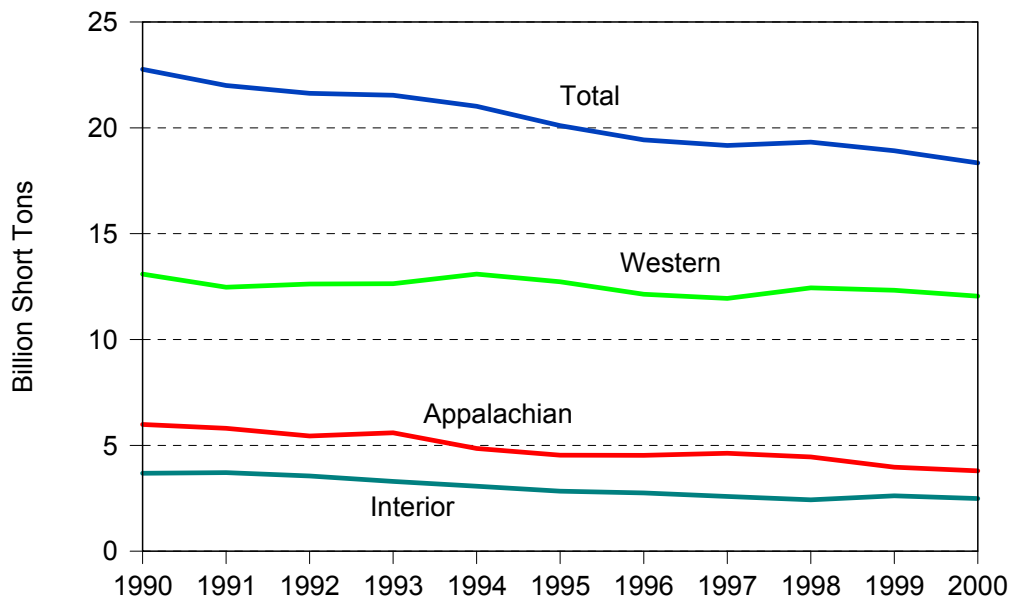
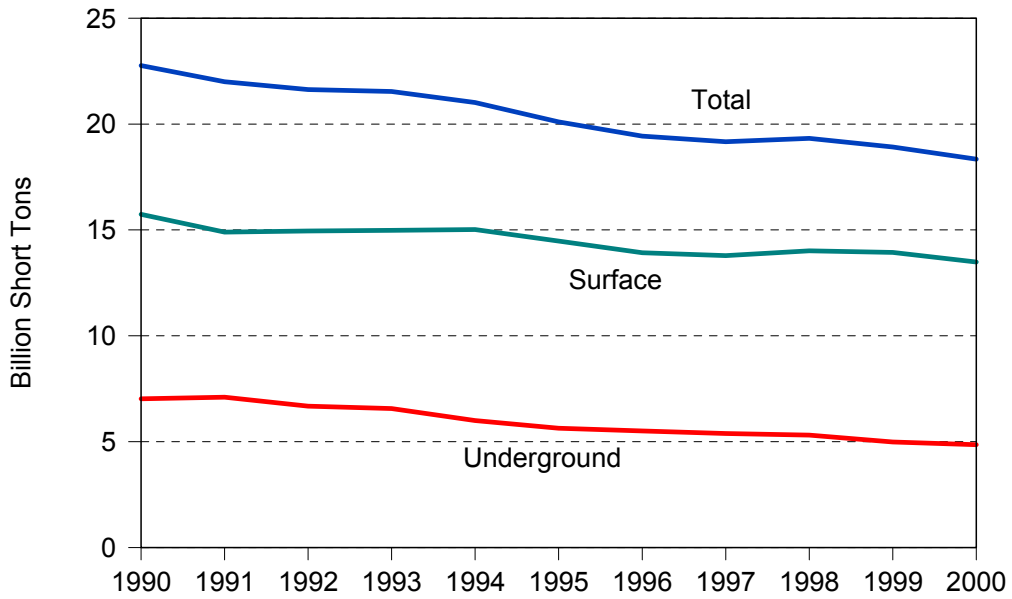
<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Productive capacity is the maximum amount of coal that can be produced annually as reported by mining companies on Form EIA-7A. Capacity utilization is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding. See Glossary for listing of other unions.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

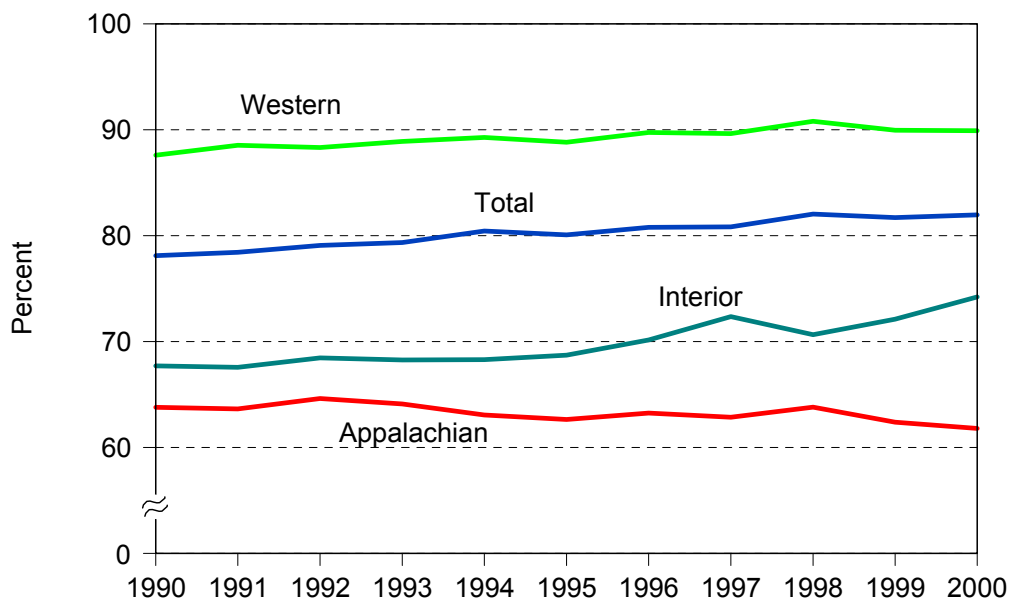
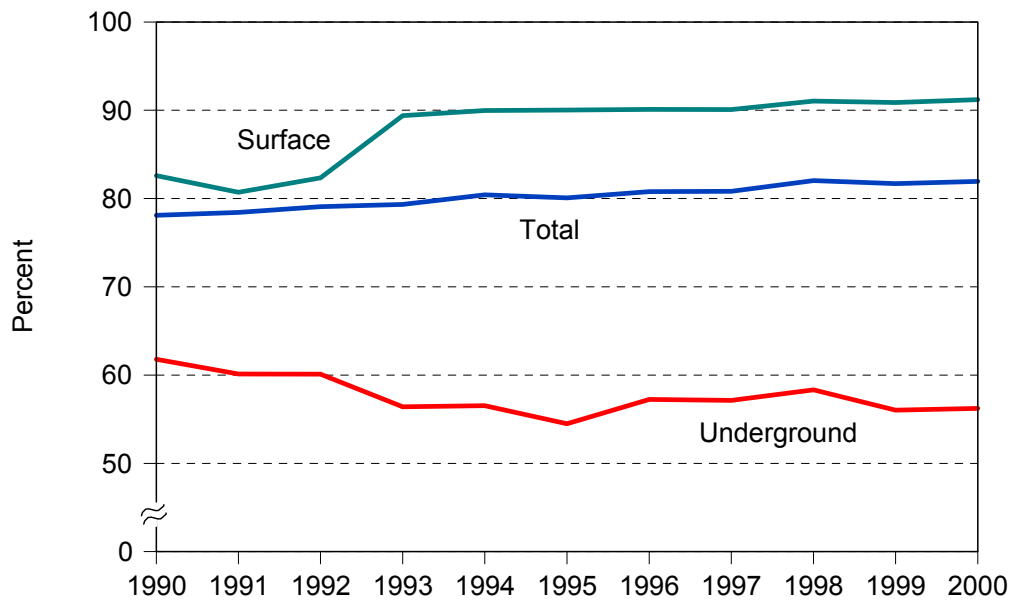
# Recoverable Coal Reserves at Producing Mines

**Figure 1. Recoverable Coal Reserves at Producing U.S. Mines by Mine Type and by Region, 1990-2000**



Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Figure 2. Average Recovery Percentage at Producing U.S. Mines by Mine Type and by Region, 1990-2000**



Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 25. Recoverable Coal Reserves at Producing Mines by State, 1991, 1996-2000**

(Million Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	368	436	374	374	452	470	-15.6	-5.0	-2.7
Alaska.....	w	w	w	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w	w	w	w
Arkansas.....	-	-	-	-	w	w	-	-	-
California.....	-	-	-	-	-	w	-	-	-
Colorado.....	584	617	540	568	642	618	-5.2	-2.3	-6
Illinois.....	716	780	744	745	891	1,257	-8.2	-5.3	-6.0
Indiana.....	318	291	313	393	386	420	9.2	-4.8	-3.0
Iowa.....	-	-	-	-	-	w	-	-	-
Kansas.....	w	w	w	w	w	w	w	w	w
Kentucky Total.....	948	1,119	1,180	1,331	1,255	1,632	-15.3	-6.8	-5.8
Eastern.....	669	714	759	965	818	1,084	-6.3	-4.9	-5.2
Western.....	279	405	421	366	437	548	-31.2	-10.6	-7.2
Louisiana.....	w	w	w	w	w	w	w	w	w
Maryland.....	75	79	64	68	71	86	-5.6	1.4	-1.5
Mississippi.....	w	w	-	-	-	-	w	-	-
Missouri.....	w	w	3	1	3	w	w	w	w
Montana.....	1,104	1,147	1,191	1,168	1,309	1,393	-3.7	-4.2	-2.5
New Mexico.....	1,323	1,385	1,385	1,415	1,436	1,608	-4.4	-2.0	-2.1
North Dakota.....	1,237	1,188	1,170	1,211	1,301	1,386	4.1	-1.3	-1.3
Ohio.....	336	383	356	318	415	591	-12.1	-5.1	-6.1
Oklahoma.....	34	35	18	24	19	40	-2.3	16.1	-1.8
Pennsylvania Total.....	506	657	775	905	796	986	-22.9	-10.7	-7.1
Anthracite.....	32	76	88	120	90	76	-57.1	-22.4	-9.0
Bituminous.....	474	582	687	785	706	910	-18.5	-9.5	-7.0
Tennessee.....	37	14	27	57	59	56	167.7	-10.9	-4.4
Texas.....	794	756	791	922	878	1,225	5.1	-2.5	-4.7
Utah.....	429	424	433	433	284	509	1.2	10.8	-1.9
Virginia.....	246	220	190	208	188	412	11.9	6.9	-5.5
Washington.....	w	w	w	w	w	w	w	w	w
West Virginia Total.....	1,562	1,465	1,911	1,737	1,731	2,122	6.7	-2.5	-3.3
Northern.....	577	552	857	714	741	1,035	4.5	-6.1	-6.3
Southern.....	985	912	1,054	1,023	990	1,087	8.0	-1	-1.1
Wyoming.....	6,864	7,094	7,220	6,465	6,591	6,336	-3.2	1.0	.9
<b>Appalachian Total<sup>1</sup>.....</b>	<b>3,801</b>	<b>3,968</b>	<b>4,456</b>	<b>4,632</b>	<b>4,530</b>	<b>5,807</b>	<b>-4.2</b>	<b>-4.3</b>	<b>-4.6</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>2,490</b>	<b>2,620</b>	<b>2,428</b>	<b>2,591</b>	<b>2,757</b>	<b>3,715</b>	<b>-5.0</b>	<b>-2.5</b>	<b>-4.3</b>
<b>Western Total<sup>1</sup>.....</b>	<b>12,048</b>	<b>12,331</b>	<b>12,438</b>	<b>11,941</b>	<b>12,141</b>	<b>12,477</b>	<b>-2.3</b>	<b>-2</b>	<b>-4</b>
<b>East of Miss. River.....</b>	<b>5,329</b>	<b>5,661</b>	<b>5,934</b>	<b>6,136</b>	<b>6,244</b>	<b>8,031</b>	<b>-5.9</b>	<b>-3.9</b>	<b>-4.4</b>
<b>West of Miss. River.....</b>	<b>13,010</b>	<b>13,259</b>	<b>13,389</b>	<b>13,029</b>	<b>13,184</b>	<b>13,968</b>	<b>-1.9</b>	<b>-3</b>	<b>-8</b>
<b>U.S. Total.....</b>	<b>18,339</b>	<b>18,920</b>	<b>19,322</b>	<b>19,164</b>	<b>19,428</b>	<b>21,999</b>	<b>-3.1</b>	<b>-1.4</b>	<b>-2.0</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 26. Average Recovery Percentage at Producing Coal Mines by State, 1991, 1996-2000**

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991
Alabama.....	55.70	54.47	54.15	54.81	55.56	60.51
Alaska.....	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w
Arkansas.....	-	-	-	-	w	w
California.....	-	-	-	-	-	w
Colorado.....	74.28	72.61	81.40	80.43	79.12	69.09
Illinois.....	54.62	53.92	53.48	53.49	54.20	51.57
Indiana.....	74.98	75.35	76.46	76.35	78.85	72.48
Iowa.....	-	-	-	-	-	w
Kansas.....	w	w	w	w	w	w
Kentucky Total.....	55.82	56.66	59.85	60.91	58.99	62.87
Eastern.....	57.03	58.29	62.37	63.14	62.59	65.98
Western.....	52.90	53.78	55.29	55.02	52.27	56.71
Louisiana.....	w	w	w	w	w	w
Maryland.....	61.24	60.13	60.39	57.36	61.45	72.32
Mississippi.....	w	w	-	-	-	-
Missouri.....	w	w	87.46	60.73	59.87	w
Montana.....	91.17	91.18	90.98	90.27	89.05	89.89
New Mexico.....	93.64	93.57	93.43	93.42	93.35	92.21
North Dakota.....	89.70	89.74	88.38	89.84	89.72	90.99
Ohio.....	74.79	72.15	70.78	63.89	71.61	67.58
Oklahoma.....	74.63	74.87	66.01	69.34	65.94	70.48
Pennsylvania Total.....	68.35	66.12	64.29	65.17	65.59	63.77
Anthracite.....	57.30	49.66	54.61	47.72	59.90	62.85
Bituminous.....	69.10	68.26	65.53	67.85	66.32	63.85
Tennessee.....	68.34	67.65	71.35	68.23	63.33	73.50
Texas.....	91.31	91.29	89.55	90.47	88.32	84.02
Utah.....	50.72	51.11	52.14	49.47	45.61	52.71
Virginia.....	55.26	61.33	58.44	58.58	54.81	63.61
Washington.....	w	w	w	w	w	w
West Virginia Total.....	61.26	62.74	65.33	63.58	63.49	61.38
Northern.....	60.95	62.26	66.34	58.54	58.91	51.92
Southern.....	61.44	63.03	64.50	67.10	66.92	70.40
Wyoming.....	92.91	92.98	93.80	92.26	92.16	91.67
<b>Appalachian Total<sup>1</sup>.....</b>	<b>61.80</b>	<b>62.38</b>	<b>63.81</b>	<b>62.85</b>	<b>63.25</b>	<b>63.64</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>74.21</b>	<b>72.12</b>	<b>70.64</b>	<b>72.36</b>	<b>70.15</b>	<b>67.57</b>
<b>Western Total<sup>1</sup>.....</b>	<b>89.90</b>	<b>89.95</b>	<b>90.79</b>	<b>89.63</b>	<b>89.74</b>	<b>88.53</b>
<b>East of Miss. River.....</b>	<b>62.29</b>	<b>62.32</b>	<b>62.58</b>	<b>62.11</b>	<b>62.16</b>	<b>61.74</b>
<b>West of Miss. River.....</b>	<b>90.00</b>	<b>89.97</b>	<b>90.66</b>	<b>89.64</b>	<b>89.60</b>	<b>88.01</b>
<b>U.S. Total.....</b>	<b>81.95</b>	<b>81.70</b>	<b>82.03</b>	<b>80.83</b>	<b>80.78</b>	<b>78.42</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the geographic area. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 27. Recoverable Coal Reserves and Average Recovery Percentage at Producing Mines by State and Mine Type, 2000**  
(Million Short Tons)

Coal-Producing State and Region	Underground		Surface		Total	
	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage
Alabama .....	343	53.61	25	84.51	368	55.70
Alaska.....	—	—	w	w	w	w
Arizona.....	—	—	w	w	w	w
Colorado.....	388	66.67	197	89.28	584	74.28
Illinois.....	681	53.21	35	81.65	716	54.62
Indiana.....	w	w	w	w	318	74.98
Kansas.....	—	—	w	w	w	w
Kentucky Total.....	794	50.44	154	83.54	948	55.82
Eastern.....	533	50.45	136	82.84	669	57.03
Western.....	261	50.41	18	88.87	279	52.90
Louisiana.....	—	—	w	w	w	w
Maryland.....	66	60.00	8	70.92	75	61.24
Mississippi.....	—	—	w	w	w	w
Missouri.....	—	—	w	w	w	w
Montana.....	—	—	1,104	91.17	1,104	91.17
New Mexico.....	—	—	1,323	93.64	1,323	93.64
North Dakota.....	—	—	1,237	89.70	1,237	89.70
Ohio.....	149	60.12	187	86.43	336	74.79
Oklahoma.....	w	w	w	w	34	74.63
Pennsylvania Total.....	388	65.07	118	79.10	506	68.35
Anthracite.....	2	78.89	30	55.72	32	57.30
Bituminous.....	386	64.99	88	87.12	474	69.10
Tennessee.....	28	64.18	9	81.41	37	68.34
Texas.....	—	—	794	91.31	794	91.31
Utah.....	429	50.72	—	—	429	50.72
Virginia.....	225	52.27	21	86.88	246	55.26
Washington.....	—	—	w	w	w	w
West Virginia Total.....	1,209	56.73	353	76.74	1,562	61.26
Northern.....	556	60.37	21	76.26	577	60.95
Southern.....	653	53.62	333	76.77	985	61.44
Wyoming.....	—	—	6,864	92.91	6,864	92.91
<b>Appalachian Total<sup>1</sup>.....</b>	<b>2,942</b>	<b>56.30</b>	<b>859</b>	<b>80.61</b>	<b>3,801</b>	<b>61.80</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>1,094</b>	<b>54.48</b>	<b>1,397</b>	<b>89.66</b>	<b>2,490</b>	<b>74.21</b>
<b>Western Total<sup>1</sup>.....</b>	<b>817</b>	<b>58.29</b>	<b>11,231</b>	<b>92.20</b>	<b>12,048</b>	<b>89.90</b>
<b>East of Miss. River.....</b>	<b>4,023</b>	<b>55.80</b>	<b>1,307</b>	<b>82.28</b>	<b>5,329</b>	<b>62.29</b>
<b>West of Miss. River.....</b>	<b>830</b>	<b>58.30</b>	<b>12,180</b>	<b>92.16</b>	<b>13,010</b>	<b>90.00</b>
<b>U.S. Total.....</b>	<b>4,853</b>	<b>56.23</b>	<b>13,486</b>	<b>91.20</b>	<b>18,339</b>	<b>81.95</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the reported geographic area. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 28. Recoverable Coal Reserves at Producing Underground Mines by State and Mining Method, 2000**  
(Million Short Tons)

Coal-Producing State and Region	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>	Total
Alabama.....	w	—	w	—	343
Colorado.....	31	—	334	23	388
Illinois.....	320	—	360	—	681
Indiana.....	w	—	—	—	w
Kentucky Total.....	749	9	36	—	794
Eastern.....	521	9	3	—	533
Western.....	228	—	32	—	261
Maryland.....	w	—	w	—	66
Ohio.....	24	—	125	—	149
Oklahoma.....	w	—	—	—	w
Pennsylvania Total.....	73	1	315	*	388
Anthracite.....	1	1	—	*	2
Bituminous.....	71	—	315	—	386
Tennessee.....	28	—	—	—	28
Utah.....	87	—	342	—	429
Virginia.....	145	—	62	19	225
West Virginia Total.....	708	5	485	11	1,209
Northern.....	179	—	377	—	556
Southern.....	529	5	107	11	653
<b>Appalachian Total<sup>5</sup>.....</b>	<b>1,531</b>	<b>15</b>	<b>1,367</b>	<b>29</b>	<b>2,942</b>
<b>Interior Total<sup>5</sup>.....</b>	<b>701</b>	<b>—</b>	<b>393</b>	<b>—</b>	<b>1,094</b>
<b>Western Total<sup>5</sup>.....</b>	<b>118</b>	<b>—</b>	<b>676</b>	<b>23</b>	<b>817</b>
<b>East of Miss. River.....</b>	<b>2,218</b>	<b>15</b>	<b>1,760</b>	<b>29</b>	<b>4,023</b>
<b>West of Miss. River.....</b>	<b>131</b>	<b>—</b>	<b>676</b>	<b>23</b>	<b>830</b>
<b>U.S. Total.....</b>	<b>2,349</b>	<b>15</b>	<b>2,436</b>	<b>52</b>	<b>4,853</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table 29. Average Recovery Percentage at Producing Underground Coal Mines by State and Mining Method, 2000**

Coal-Producing State and Region	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>	Total
Alabama.....	w	-	w	-	53.61
Colorado.....	46.66	-	67.45	82.00	66.67
Illinois.....	48.58	-	57.33	-	53.21
Indiana.....	w	-	-	-	w
Kentucky Total.....	50.06	56.51	56.68	-	50.44
Eastern.....	50.34	56.51	50.00	-	50.45
Western.....	49.43	-	57.34	-	50.41
Maryland.....	w	-	w	-	60.00
Ohio.....	60.77	-	60.00	-	60.12
Oklahoma.....	w	-	-	-	w
Pennsylvania Total.....	61.09	76.65	65.96	80.00	65.07
Anthracite.....	80.00	76.65	-	80.00	78.89
Bituminous.....	60.74	-	65.96	-	64.99
Tennessee.....	64.18	-	-	-	64.18
Utah.....	58.55	-	48.73	-	50.72
Virginia.....	53.69	-	50.00	48.81	52.27
West Virginia Total.....	53.05	48.00	62.17	59.00	56.73
Northern.....	59.53	-	60.78	-	60.37
Southern.....	50.85	48.00	67.05	59.00	53.62
<b>Appalachian Total<sup>5</sup>.....</b>	<b>53.11</b>	<b>54.44</b>	<b>59.98</b>	<b>52.64</b>	<b>56.30</b>
<b>Interior Total<sup>5</sup>.....</b>	<b>52.88</b>	-	<b>57.33</b>	-	<b>54.48</b>
<b>Western Total<sup>5</sup>.....</b>	<b>55.45</b>	-	<b>57.98</b>	<b>82.00</b>	<b>58.29</b>
<b>East of Miss. River.....</b>	<b>53.00</b>	<b>54.44</b>	<b>59.39</b>	<b>52.64</b>	<b>55.80</b>
<b>West of Miss. River.....</b>	<b>55.81</b>	-	<b>57.98</b>	<b>82.00</b>	<b>58.30</b>
<b>U.S. Total.....</b>	<b>53.16</b>	<b>54.44</b>	<b>59.00</b>	<b>65.58</b>	<b>56.23</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the reported geographic area. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 30. Recoverable Coal Reserves and Average Recovery Percentage at Producing U.S. Mines by Mine Production Range and Mine Type, 2000**  
(Million Short Tons)

Mine Production Range (thousand short tons)	Underground		Surface		Total	
	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage
Over 1,000.....	3,389	57.12	12,658	91.70	16,047	84.40
500 to 1,000 .....	411	52.45	446	86.24	856	70.04
200 to 500 .....	613	54.51	241	82.48	854	62.39
100 to 200 .....	155	54.24	53	80.78	208	60.99
50 to 100 .....	102	54.54	40	76.57	141	60.71
10 to 50 .....	184	56.55	49	74.29	233	60.32
<b>U.S. Total.....</b>	<b>4,853</b>	<b>56.23</b>	<b>13,486</b>	<b>91.20</b>	<b>18,339</b>	<b>81.95</b>

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the reported geographic area. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 31. Recoverable Coal Reserves and Average Recovery Percentage at Producing U.S. Mines by Coalbed Thickness and Mine Type, 2000**  
(Million Short Tons)

Coalbed Thickness (inches)	Underground		Surface		Total	
	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage
< 7 .....	—	—	*	85.00	*	85.00
7-12 .....	—	—	25	87.22	25	87.22
13-18 .....	—	—	249	88.31	249	88.31
19-24 .....	3	50.86	188	88.49	191	87.97
25-30 .....	42	55.15	233	87.08	275	82.20
31-36 .....	183	54.00	219	86.51	402	71.70
37-42 .....	246	49.85	219	88.41	466	68.01
43-48 .....	556	56.97	156	84.86	712	63.09
49-54 .....	425	57.65	262	87.01	687	68.84
55-60 .....	568	52.57	1,073	91.67	1,641	78.14
61-66 .....	297	60.85	213	88.84	510	72.52
67-72 .....	795	56.79	201	88.49	996	63.17
73-78 .....	424	56.89	22	84.77	447	58.28
79-84 .....	278	51.61	294	87.34	572	69.96
85-90 .....	81	69.59	166	84.68	247	79.75
91-96 .....	216	54.51	162	92.52	378	70.79
97-102 .....	13	70.19	86	89.67	99	87.14
103-108 .....	176	62.38	92	91.97	267	72.52
109-114 .....	2	65.00	11	84.50	13	82.17
115-120 .....	133	43.87	111	86.69	244	63.36
> 120 .....	415	60.92	9,506	92.18	9,921	90.88
<b>U.S. Total.....</b>	<b>4,853</b>	<b>56.23</b>	<b>13,486</b>	<b>91.20</b>	<b>18,339</b>	<b>81.95</b>

\* Data round to zero.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the reported geographic area. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 32. Recoverable Coal Reserves and Average Recovery Percentage at Producing Mines by State, Mine Type, and Union Type, 2000**  
(Million Short Tons)

Coal-Producing State and Region	UMWA		Other Unions		Nonunion		Total	
	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage
<b>Alabama</b> .....	<b>322</b>	<b>52.87</b>	—	—	<b>46</b>	<b>75.32</b>	<b>368</b>	<b>55.70</b>
Underground.....	322	52.87	—	—	22	64.65	343	53.61
Surface.....	—	—	—	—	25	84.51	25	84.51
<b>Alaska</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Arizona</b> .....	w	w	—	—	—	—	w	w
Surface.....	w	w	—	—	—	—	w	w
<b>Colorado</b> .....	w	w	w	w	<b>431</b>	<b>73.29</b>	<b>584</b>	<b>74.28</b>
Underground.....	w	w	—	—	w	w	388	66.67
Surface.....	w	w	w	w	w	w	197	89.28
<b>Illinois</b> .....	<b>256</b>	<b>48.94</b>	<b>16</b>	<b>77.69</b>	<b>444</b>	<b>57.05</b>	<b>716</b>	<b>54.62</b>
Underground.....	w	w	w	w	427	55.94	681	53.21
Surface.....	w	w	w	w	17	84.38	35	81.65
<b>Indiana</b> .....	<b>48</b>	<b>79.03</b>	—	—	<b>270</b>	<b>74.27</b>	<b>318</b>	<b>74.98</b>
Underground.....	—	—	—	—	w	w	w	w
Surface.....	48	79.03	—	—	w	w	w	w
<b>Kansas</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Kentucky Total</b> .....	<b>41</b>	<b>58.02</b>	—	—	<b>907</b>	<b>55.72</b>	<b>948</b>	<b>55.82</b>
Underground.....	w	w	—	—	w	w	794	50.44
Surface.....	w	w	—	—	w	w	154	83.54
<b>Eastern</b> .....	w	w	—	—	w	w	<b>669</b>	<b>57.03</b>
Underground.....	w	w	—	—	w	w	533	50.45
Surface.....	—	—	—	—	w	w	w	w
<b>Western</b> .....	w	w	—	—	w	w	<b>279</b>	<b>52.90</b>
Underground.....	w	w	—	—	w	w	261	50.41
Surface.....	w	w	—	—	w	w	18	88.87
<b>Louisiana</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Maryland</b> .....	—	—	—	—	<b>75</b>	<b>61.24</b>	<b>75</b>	<b>61.24</b>
Underground.....	—	—	—	—	66	60.00	66	60.00
Surface.....	—	—	—	—	8	70.92	8	70.92
<b>Mississippi</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Missouri</b> .....	—	—	—	—	w	w	w	w
Surface.....	—	—	—	—	w	w	w	w
<b>Montana</b> .....	w	w	w	w	w	w	<b>1,104</b>	<b>91.17</b>
Surface.....	w	w	w	w	w	w	1,104	91.17
<b>New Mexico</b> .....	<b>69</b>	<b>85.00</b>	<b>1,052</b>	<b>94.91</b>	<b>203</b>	<b>90.00</b>	<b>1,323</b>	<b>93.64</b>
Surface.....	69	85.00	1,052	94.91	203	90.00	1,323	93.64
<b>North Dakota</b> .....	w	w	w	w	w	w	<b>1,237</b>	<b>89.70</b>
Surface.....	w	w	w	w	w	w	1,237	89.70
<b>Ohio</b> .....	<b>197</b>	<b>69.90</b>	—	—	<b>139</b>	<b>81.69</b>	<b>336</b>	<b>74.79</b>
Underground.....	125	60.00	—	—	24	60.77	149	60.12
Surface.....	72	86.95	—	—	115	86.10	187	86.43
<b>Oklahoma</b> .....	—	—	—	—	<b>34</b>	<b>74.63</b>	<b>34</b>	<b>74.63</b>
Underground.....	w	w	—	—	w	w	w	w
Surface.....	w	w	—	—	w	w	w	w
<b>Pennsylvania Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>245</b>	<b>73.80</b>	<b>506</b>	<b>68.35</b>
Underground.....	w	w	—	—	w	w	388	65.07
Surface.....	w	w	w	w	w	w	118	79.10
<b>Anthracite</b> .....	w	w	w	w	<b>23</b>	<b>67.10</b>	<b>32</b>	<b>57.30</b>
Underground.....	—	—	—	—	2	78.89	2	78.89
Surface.....	w	w	w	w	21	65.84	30	55.72
<b>Bituminous</b> .....	w	w	—	—	w	w	<b>474</b>	<b>69.10</b>
Underground.....	w	w	—	—	w	w	386	64.99
Surface.....	w	w	—	—	w	w	88	87.12
<b>Tennessee</b> .....	—	—	—	—	<b>37</b>	<b>68.34</b>	<b>37</b>	<b>68.34</b>
Underground.....	—	—	—	—	28	64.18	28	64.18
Surface.....	—	—	—	—	9	81.41	9	81.41
<b>Texas</b> .....	—	—	w	w	w	w	<b>794</b>	<b>91.31</b>
Surface.....	—	—	w	w	w	w	794	91.31
<b>Utah</b> .....	w	w	w	w	<b>390</b>	<b>51.54</b>	<b>429</b>	<b>50.72</b>
Underground.....	w	w	w	w	390	51.54	429	50.72
<b>Virginia</b> .....	<b>25</b>	<b>50.00</b>	<b>7</b>	<b>70.88</b>	<b>214</b>	<b>55.39</b>	<b>246</b>	<b>55.26</b>
Underground.....	25	50.00	w	w	w	w	225	52.27
Surface.....	—	—	w	w	w	w	21	86.88

See footnotes at end of table.

**Table 32. Recoverable Coal Reserves and Average Recovery Percentage at Producing Mines by State, Mine Type, and Union Type, 2000 (Continued)**  
(Million Short Tons)

Coal-Producing State and Region	UMWA		Other Unions		Nonunion		Total	
	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage	Recoverable Coal Reserves	Average Recovery Percentage
<b>Washington</b> .....	–	–	w	w	–	–	w	w
Surface .....	–	–	w	w	–	–	w	w
<b>West Virginia Total</b> .....	<b>685</b>	<b>64.79</b>	–	–	<b>878</b>	<b>58.50</b>	<b>1,562</b>	<b>61.26</b>
Underground .....	547	61.73	–	–	662	52.60	1,209	56.73
Surface .....	138	76.94	–	–	216	76.61	353	76.74
<b>Northern</b> .....	<b>382</b>	<b>61.02</b>	–	–	<b>195</b>	<b>60.80</b>	<b>577</b>	<b>60.95</b>
Underground .....	382	61.02	–	–	175	58.95	556	60.37
Surface .....	–	–	–	–	21	76.26	21	76.26
<b>Southern</b> .....	<b>303</b>	<b>69.54</b>	–	–	<b>682</b>	<b>57.84</b>	<b>985</b>	<b>61.44</b>
Underground .....	165	63.36	–	–	488	50.33	653	53.62
Surface .....	138	76.94	–	–	195	76.65	333	76.77
<b>Wyoming</b> .....	<b>90</b>	<b>92.00</b>	<b>160</b>	<b>90.00</b>	<b>6,614</b>	<b>93.00</b>	<b>6,864</b>	<b>92.91</b>
Surface .....	90	92.00	160	90.00	6,614	93.00	6,864	92.91
<b>Appalachian Total</b> <sup>1</sup> .....	<b>1,491</b>	<b>62.37</b>	<b>7</b>	<b>70.11</b>	<b>2,303</b>	<b>61.40</b>	<b>3,801</b>	<b>61.80</b>
Underground .....	1,268	59.56	5	65.00	1,669	53.80	2,942	56.30
Surface .....	223	78.38	2	81.51	634	81.39	859	80.61
<b>Interior Total</b> <sup>1</sup> .....	<b>343</b>	<b>54.17</b>	<b>359</b>	<b>90.91</b>	<b>1,788</b>	<b>74.71</b>	<b>2,490</b>	<b>74.21</b>
Underground .....	286	49.48	5	60.00	803	56.23	1,094	54.48
Surface .....	57	77.69	354	91.31	985	89.76	1,397	89.66
<b>Western Total</b> <sup>1</sup> .....	<b>904</b>	<b>85.43</b>	<b>2,253</b>	<b>91.81</b>	<b>8,891</b>	<b>89.87</b>	<b>12,048</b>	<b>89.90</b>
Underground .....	149	64.80	4	63.18	664	56.80	817	58.29
Surface .....	755	89.50	2,249	91.87	8,227	92.54	11,231	92.20
<b>East of Miss. River</b> .....	<b>1,835</b>	<b>60.84</b>	<b>23</b>	<b>75.40</b>	<b>3,472</b>	<b>62.97</b>	<b>5,329</b>	<b>62.29</b>
Underground .....	1,555	57.71	9	62.58	2,459	54.57	4,023	55.80
Surface .....	280	78.24	14	84.13	1,013	83.37	1,307	82.28
<b>West of Miss. River</b> .....	<b>904</b>	<b>85.43</b>	<b>2,596</b>	<b>91.77</b>	<b>9,510</b>	<b>89.95</b>	<b>13,010</b>	<b>90.00</b>
Underground .....	149	64.80	4	63.18	677	56.84	830	58.30
Surface .....	755	89.50	2,592	91.82	8,833	92.48	12,180	92.16
<b>U.S. Total</b> .....	<b>2,738</b>	<b>68.96</b>	<b>2,619</b>	<b>91.63</b>	<b>12,982</b>	<b>82.73</b>	<b>18,339</b>	<b>81.95</b>
Underground .....	1,704	58.33	14	62.77	3,135	55.06	4,853	56.23
Surface .....	1,035	86.46	2,605	91.78	9,846	91.55	13,486	91.20

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, weighted for all mines in the reported geographic area. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding. See Glossary for listing of other unions.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 33. U.S. Demonstrated Reserve Base of Coal by Potential Mining Method and Ranked by State Total, January 1, 2000**  
(Million Short Tons)

Rank	State	Underground	Surface	Total
1	Montana	70,958	48,562	119,520
2	Illinois	88,247	16,590	104,837
3	Wyoming	42,503	24,140	66,643
4	West Virginia	30,293	4,222	34,515
5	Kentucky	17,957	13,320	31,277
6	Pennsylvania	23,885	4,349	28,234
	Anthracite	3,847	3,363	7,210
	Bituminous	20,037	986	21,024
7	Ohio	17,703	5,829	23,532
8	Colorado	11,829	4,774	16,604
9	Texas	–	12,733	12,733
10	New Mexico	6,203	6,155	12,359
11	Indiana	8,839	937	9,776
12	North Dakota	–	9,282	9,282
13	Alaska	5,423	698	6,120
14	Missouri	1,479	4,513	5,993
15	Utah	5,424	268	5,692
16	Alabama	1,189	3,236	4,425
17	Iowa	1,732	457	2,189
18	Virginia	1,379	640	2,019
19	Oklahoma	1,236	333	1,568
20	Washington	1,332	41	1,373
21	Kansas	–	974	974
22	Tennessee	524	278	801
23	Maryland	617	78	695
24	Louisiana	–	451	451
25	Arkansas	272	144	417
26	South Dakota	–	366	366
27	Michigan	123	5	128
28	Arizona	102	–	102
29	Oregon	15	3	18
30	North Carolina	11	–	11
31	Idaho	4	–	4
32	Georgia	2	2	4
	<b>U.S. Total</b>	<b>339,282</b>	<b>163,378</b>	<b>502,660</b>

– Data not available.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

# Producer/Distributor Stocks

**Table 34. Year-End Producer and Distributor Coal Stocks by State, 1996-2000**

(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
Alabama .....	932	2,172	1,636	1,289	1,031	-57.1	-2.5
Alaska .....	82	22	29	25	6	280.8	95.2
Arizona .....	1,354	1,229	2,077	2,911	2,232	10.2	-11.8
Arkansas .....	1	*	*	2	1	137.5	-10.6
Colorado .....	1,252	1,661	1,594	1,364	494	-24.6	26.2
Illinois .....	956	1,049	952	1,358	1,190	-8.9	-5.3
Indiana .....	310	521	672	698	574	-40.5	-14.3
Kansas .....	-	-	-	-	19	-	-
Kentucky Total .....	3,334	5,510	4,651	5,376	4,460	-39.5	-7.0
Eastern .....	2,833	4,167	3,256	4,622	3,720	-32.0	-6.6
Western .....	500	1,343	1,394	754	740	-62.7	-9.3
Louisiana .....	156	215	57	152	38	-27.5	42.6
Maryland .....	212	252	266	271	143	-15.9	10.3
Mississippi .....	910	-	-	-	-	-	-
Missouri .....	-	-	1	1	-	-	-
Montana .....	439	603	745	682	580	-27.2	-6.7
New Mexico .....	2,326	2,528	1,916	1,023	1,890	-8.0	5.3
North Dakota .....	2,710	2,561	2,364	1,965	1,574	5.8	14.5
Ohio .....	677	800	1,276	774	532	-15.4	6.2
Oklahoma .....	1	-	*	*	7	-	-40.5
Pennsylvania Total .....	1,527	2,134	2,682	2,507	3,113	-28.4	-16.3
Anthracite .....	717	795	643	486	1,323	-9.8	-14.2
Bituminous .....	810	1,339	2,039	2,021	1,790	-39.5	-18.0
Tennessee .....	16	29	36	32	23	-45.0	-8.8
Texas .....	2,132	1,187	1,319	1,506	1,254	79.5	14.2
Utah .....	1,311	2,147	1,809	2,112	1,337	-38.9	-5
Virginia .....	818	2,240	2,565	2,328	1,644	-63.5	-16.0
Washington .....	-	-	-	56	55	-	-
West Virginia Total .....	4,684	6,697	6,008	5,504	4,947	-30.0	-1.3
Northern .....	463	1,446	1,282	858	584	-67.9	-5.6
Southern .....	4,221	5,251	4,726	4,645	4,362	-19.6	-8
Wyoming .....	5,767	5,917	3,873	2,036	1,504	-2.5	39.9
<b>Appalachian Total<sup>1</sup> .....</b>	<b>11,699</b>	<b>18,492</b>	<b>17,726</b>	<b>17,327</b>	<b>15,153</b>	<b>-36.7</b>	<b>-6.3</b>
<b>Interior Total<sup>1</sup> .....</b>	<b>4,966</b>	<b>4,315</b>	<b>4,396</b>	<b>4,471</b>	<b>3,823</b>	<b>15.1</b>	<b>6.8</b>
<b>Western Total<sup>1</sup> .....</b>	<b>15,241</b>	<b>16,668</b>	<b>14,408</b>	<b>12,174</b>	<b>9,672</b>	<b>-8.6</b>	<b>12.0</b>
<b>East of Miss. River .....</b>	<b>14,376</b>	<b>21,404</b>	<b>20,745</b>	<b>20,138</b>	<b>17,657</b>	<b>-32.8</b>	<b>-5.0</b>
<b>West of Miss. River .....</b>	<b>17,530</b>	<b>18,071</b>	<b>15,785</b>	<b>13,835</b>	<b>10,991</b>	<b>-3.0</b>	<b>12.4</b>
<b>U.S. Total .....</b>	<b>31,905</b>	<b>39,475</b>	<b>36,530</b>	<b>33,973</b>	<b>28,648</b>	<b>-19.2</b>	<b>2.7</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

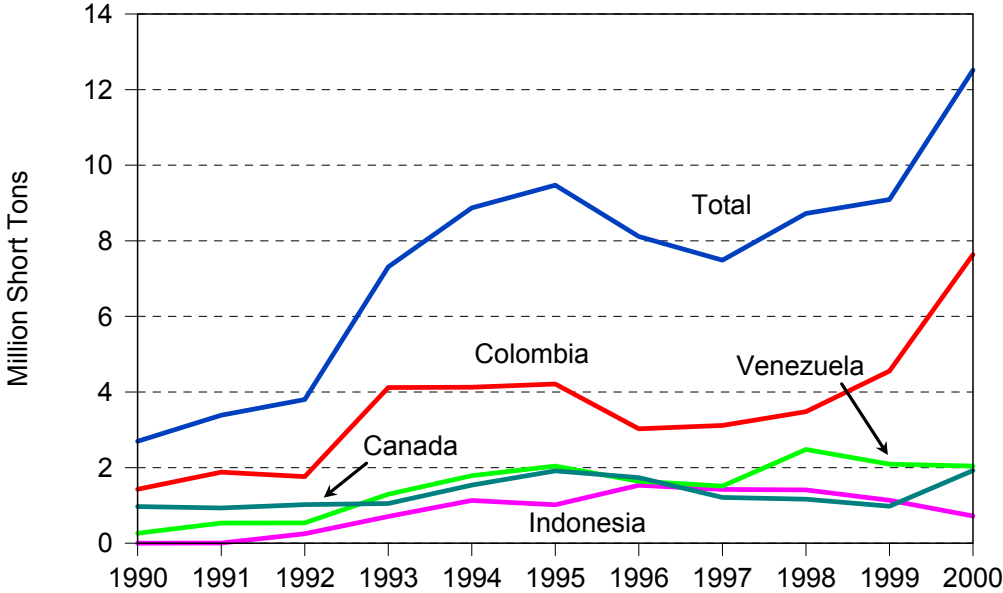
\* Data round to zero.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

# Imports

Figure 3. U.S. Coal Imports, 1990-2000



Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."



**Table 35. U.S. Coal Imports by Continent and Country of Origin, 1991, 1996-2000**  
(Short Tons)

Continent and Country of Origin	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>1,930,105</b>	<b>1,052,307</b>	<b>1,168,361</b>	<b>1,211,910</b>	<b>1,745,053</b>	<b>935,477</b>	<b>83.4</b>	<b>2.5</b>	<b>8.4</b>
Canada .....	1,923,434	978,826	1,166,397	1,211,557	1,737,744	935,477	96.5	2.6	8.3
Mexico .....	6,671	73,481	1,964	353	7,309	-	-90.9	-2.3	-
<b>South America Total</b> .....	<b>9,675,473</b>	<b>6,643,913</b>	<b>5,960,370</b>	<b>4,631,213</b>	<b>4,667,817</b>	<b>2,416,309</b>	<b>45.6</b>	<b>20.0</b>	<b>16.7</b>
Argentina .....	-	232	-	13	-	-	-	-	-
Brazil .....	85	33	-	-	-	-	157.6	-	-
Colombia .....	7,636,614	4,553,408	3,478,185	3,117,122	3,026,598	1,881,439	67.7	26.0	16.8
Venezuela .....	2,038,774	2,090,240	2,482,185	1,514,078	1,641,219	534,870	-2.5	5.6	16.0
<b>Europe Total</b> .....	<b>1,450</b>	<b>72,636</b>	<b>43,572</b>	<b>26,635</b>	<b>2,613</b>	<b>6</b>	<b>-98.0</b>	<b>-13.7</b>	<b>84.0</b>
Belgium & Luxembourg.....	-	10,654	3,983	6,016	2,473	-	-	-	-
Czechoslovakia.....	-	-	-	-	-	6	-	-	-
Germany, FR .....	-	-	-	20	-	-	-	-	-
Italy.....	-	1	36	-	-	-	-	-	-
Norway .....	-	-	-	20,383	-	-	-	-	-
Russia .....	1,212	945	-	-	-	-	28.3	-	-
Spain.....	-	-	36,432	-	99	-	-	-	-
Switzerland.....	-	-	-	201	-	-	-	-	-
Turkey.....	-	-	-	-	41	-	-	-	-
United Kingdom.....	238	61,036	3,121	15	-	-	-99.6	-	-
<b>Asia Total</b> .....	<b>738,000</b>	<b>1,159,011</b>	<b>1,416,281</b>	<b>1,460,503</b>	<b>1,534,989</b>	<b>6,894</b>	<b>-36.3</b>	<b>-16.7</b>	<b>68.1</b>
China (Mainland) .....	19,646	20,239	2,566	2,006	-	202	-2.9	-	66.3
Hong Kong .....	-	-	10	-	1	-	-	-	-
India.....	205	577	-	-	-	-	-64.5	-	-
Indonesia.....	718,149	1,138,076	1,413,704	1,425,916	1,534,986	6,641	-36.9	-17.3	68.3
Japan.....	-	-	1	-	2	1	-	-	-
Korea, Republic of.....	-	1	-	-	-	-	-	-	-
Syria.....	-	118	-	-	-	-	-	-	-
Thailand.....	-	-	-	-	-	50	-	-	-
Vietnam .....	-	-	-	32,581	-	-	-	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>167,595</b>	<b>161,466</b>	<b>135,099</b>	<b>156,515</b>	<b>164,793</b>	<b>31,106</b>	<b>3.8</b>	<b>.4</b>	<b>20.6</b>
Australia .....	167,595	161,466	92,660	115,510	164,793	31,106	3.8	.4	20.6
New Zealand .....	-	-	42,439	41,005	-	-	-	-	-
<b>Total</b> .....	<b>12,512,623</b>	<b>9,089,333</b>	<b>8,723,683</b>	<b>7,486,776</b>	<b>8,115,265</b>	<b>3,389,792</b>	<b>37.7</b>	<b>11.4</b>	<b>15.6</b>

Note: Coal imports include coal to Puerto Rico and the Virgin Islands.  
Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Table 36. Coal Imports by Customs District, 1991, 1996-2000**  
(Short Tons)

Customs District	2000	1999	1998	1997	1996	1991	Percent Change 1999- 2000	Average Annual Percent Change	
								1996- 2000	1991- 2000
<b>Eastern Total</b> .....	<b>2,686,588</b>	<b>2,497,300</b>	<b>2,418,583</b>	<b>2,508,318</b>	<b>2,664,213</b>	<b>361,097</b>	<b>7.6</b>	<b>0.2</b>	<b>25.0</b>
Boston, MA .....	1,537,168	1,467,213	1,439,079	1,533,510	1,803,234	84,310	4.8	-3.9	38.1
Baltimore, MD .....	-	28,862	-	-	99	-	-	-	-
Portland, ME .....	710,371	516,893	367,609	366,768	362,601	207,152	37.4	18.3	14.7
Buffalo, NY .....	-	10,959	3,992	6,060	2,658	134	-	-	-
New York City, NY .....	438,132	472,320	512,213	518,043	404,387	-	-7.2	2.0	-
Ogdensburg, NY .....	-	-	19	-	50	-	-	-	-
Philadelphia, PA .....	917	1,053	95,671	83,918	91,184	69,501	-12.9	-68.3	-38.2
Norfolk, VA .....	-	-	-	19	-	-	-	-	-
<b>Southern Total</b> .....	<b>7,087,842</b>	<b>4,920,974</b>	<b>4,447,422</b>	<b>2,985,167</b>	<b>2,903,372</b>	<b>2,061,987</b>	<b>44.0</b>	<b>25.0</b>	<b>14.7</b>
Mobile, AL .....	4,674,924	1,864,915	884,788	214,241	446,590	-	150.7	79.9	-
Savannah, GA .....	532,670	507,272	374,677	178,085	118,509	-	5.0	45.6	-
Miami, FL .....	-	-	90,381	38,604	-	-	-	-	-
Tampa, FL .....	1,489,476	1,380,683	1,671,217	1,320,515	1,419,408	1,680,398	7.9	1.2	-1.3
New Orleans, LA .....	75,003	714,595	946,756	840,919	808,592	23,731	-89.5	-44.8	13.6
San Juan, PR .....	202,747	266,527	195,162	201,413	96,901	211,313	-23.9	20.3	-4
Charleston, SC .....	76,035	-	-	-	-	-	-	-	-
Houston-Galveston, TX .....	-	-	165,853	154,865	6,063	11,023	-	-	-
Laredo, TX .....	6,671	73,481	1,964	353	7,309	-	-90.9	-2.3	-
Virgin Islands .....	30,316	113,501	116,624	36,172	-	135,522	-73.3	-	-15.3
<b>Western Total</b> .....	<b>1,201,768</b>	<b>997,940</b>	<b>812,443</b>	<b>862,053</b>	<b>900,701</b>	<b>116,420</b>	<b>20.4</b>	<b>7.5</b>	<b>29.6</b>
Los Angeles, CA .....	-	22	4	149	2	877	-	-	-
San Diego, CA .....	-	-	1	-	-	-	-	-2.3	-
Honolulu, HI .....	810,956	689,954	681,812	759,385	810,176	31,106	17.5	*	43.7
Great Falls, MT .....	216,118	151,335	-	282	25	57,916	42.8	NM	15.8
Portland, OR .....	3,397	-	6,992	20,383	-	-	-	-	-
Seattle, WA .....	171,297	156,629	123,634	81,854	90,498	26,521	9.4	17.3	23.0
<b>Northern Total</b> .....	<b>1,536,425</b>	<b>673,119</b>	<b>1,045,235</b>	<b>1,131,238</b>	<b>1,646,979</b>	<b>850,288</b>	<b>128.3</b>	<b>-1.7</b>	<b>6.8</b>
Chicago, IL .....	110	44	66,829	329,778	238,592	208,021	150.0	-85.3	-56.8
Detroit, MI .....	371,471	389,010	415,127	388,678	615,262	275	-4.5	-11.8	122.8
Duluth, MN .....	18,279	17,591	-	416	291,346	211	3.9	-49.9	64.2
Pembina, ND .....	1,146,565	264,164	560,779	410,509	501,778	641,781	334.0	22.9	6.6
Milwaukee, WI .....	-	2,310	2,500	1,857	-	-	-	-	-
<b>Total</b> .....	<b>12,512,623</b>	<b>9,089,333</b>	<b>8,723,683</b>	<b>7,486,776</b>	<b>8,115,265</b>	<b>3,389,792</b>	<b>37.7</b>	<b>11.4</b>	<b>15.6</b>

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Table 37. U.S. Receipts of Imported Coal by Country of Origin and Destination State, 1991, 1996-2000**  
(Short Tons)

Country of Origin and Destination State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000
<b>Australia Total</b> .....	<b>107,313</b>	<b>161,480</b>	<b>92,676</b>	<b>155,632</b>	<b>147,204</b>	—	<b>-33.5</b>
Florida .....	—	62,910	—	—	—	—	-100.0
Hawaii .....	107,313	98,570	92,676	155,632	147,204	—	8.9
<b>Canada Total</b> .....	<b>1,429,623</b>	<b>762,804</b>	<b>1,424,942</b>	<b>893,900</b>	<b>1,332,243</b>	<b>26,920</b>	<b>87.4</b>
Illinois .....	121,008	29,963	60,627	147,967	215,959	—	303.8
Indiana .....	700,904	193,342	976,153	474,369	735,342	—	262.5
Michigan .....	368,156	355,377	355,100	229,464	361,458	—	3.6
Ohio .....	—	—	—	652	1,454	—	—
Utah .....	199,443	145,727	—	—	—	—	36.9
Washington .....	40,112	38,395	33,062	41,448	18,030	26,920	4.5
<b>Colombia Total</b> .....	<b>5,967,223</b>	<b>2,582,799</b>	<b>2,710,318</b>	<b>2,958,645</b>	<b>2,285,840</b>	<b>1,582,600</b>	<b>131.0</b>
Alabama .....	3,652,281	692,072	169,344	214,251	160,675	—	427.7
Florida .....	1,587,830	1,119,310	1,909,354	1,385,340	1,417,220	1,582,600	41.8
Maine .....	—	—	—	—	45,220	—	—
Maryland .....	—	29,000	—	—	—	—	-100.0
Massachusetts .....	—	—	467,100	1,077,600	630,400	—	—
Mississippi .....	720,453	701,300	—	—	—	—	2.7
New Hampshire .....	—	—	34,680	35,360	32,325	—	—
New York .....	—	36,300	34,800	147,050	—	—	-100.0
Ohio .....	6,659	—	—	—	—	—	—
Texas .....	—	—	84,119	99,044	—	—	—
Washington .....	—	—	10,921	—	—	—	—
West Virginia .....	—	4,817	—	—	—	—	-100.0
<b>Indonesia Total</b> .....	<b>47,840</b>	<b>387,627</b>	<b>899,517</b>	<b>782,035</b>	<b>833,706</b>	<b>24,253</b>	<b>-87.6</b>
Florida .....	47,840	387,627	596,979	741,264	807,803	24,253	-87.6
Louisiana .....	—	—	302,538	—	—	—	—
New Hampshire .....	—	—	—	40,771	25,903	—	—
<b>Mexico Total</b> .....	<b>46,169</b>	<b>68,809</b>	—	—	<b>15,561</b>	—	<b>-32.9</b>
Minnesota .....	38,892	—	—	—	—	—	—
Texas .....	7,277	68,809	—	—	15,561	—	-89.4
<b>Poland Total</b> .....	—	<b>3,970</b>	—	—	—	—	<b>-100.0</b>
New Jersey .....	—	3,970	—	—	—	—	-100.0
<b>Venezuela Total</b> .....	<b>1,852,435</b>	<b>2,111,492</b>	<b>2,415,581</b>	<b>1,409,628</b>	<b>1,861,504</b>	<b>333,027</b>	<b>-12.3</b>
Connecticut .....	—	35,000	106,000	35,000	28,000	—	-100.0
Florida .....	94,315	493,806	235,155	58,643	298,200	42,200	-80.9
Georgia .....	466,567	434,220	414,490	279,139	209,907	—	7.4
Maine .....	105,390	35,532	—	2,708	13,966	—	196.6
Massachusetts .....	4,703	—	471,600	382,900	1,135,500	83,700	—
Mississippi .....	—	15,560	173,670	—	—	—	-100.0
New Hampshire .....	554,860	506,894	331,371	228,969	96,033	207,127	9.5
New Jersey .....	—	980	39,000	—	—	—	-100.0
New York .....	626,600	589,500	558,800	350,400	—	—	6.3
Pennsylvania .....	—	—	—	71,869	79,898	—	—
Texas .....	—	—	85,495	—	—	—	—
<b>Total</b> .....	<b>9,450,603</b>	<b>6,078,981</b>	<b>7,543,034</b>	<b>6,199,840</b>	<b>6,476,058</b>	<b>1,966,800</b>	<b>55.5</b>
Alabama .....	3,652,281	692,072	169,344	214,251	160,675	—	427.7
Connecticut .....	—	35,000	106,000	35,000	28,000	—	-100.0
Florida .....	1,729,985	2,063,653	2,741,488	2,185,247	2,523,223	1,649,053	-16.2
Georgia .....	466,567	434,220	414,490	279,139	209,907	—	7.4
Hawaii .....	107,313	98,570	92,676	155,632	147,204	—	8.9
Illinois .....	121,008	29,963	60,627	147,967	215,959	—	303.8
Indiana .....	700,904	193,342	976,153	474,369	735,342	—	262.5
Louisiana .....	—	—	302,538	—	—	—	—
Maine .....	105,390	35,532	—	2,708	59,186	—	196.6
Maryland .....	—	29,000	—	—	—	—	-100.0
Massachusetts .....	4,703	—	938,700	1,460,500	1,765,900	83,700	—
Michigan .....	368,156	355,377	355,100	229,464	361,458	—	3.6
Minnesota .....	38,892	—	—	—	—	—	—
Mississippi .....	720,453	716,860	173,670	—	—	—	.5
New Hampshire .....	554,860	506,894	366,051	305,100	154,261	207,127	9.5
New Jersey .....	—	4,950	39,000	—	—	—	-100.0
New York .....	626,600	625,800	593,600	497,450	—	—	.1
Ohio .....	6,659	—	—	652	1,454	—	—

See footnotes at end of table.

**Table 37. U.S. Receipts of Imported Coal by Country of Origin and Destination State, 1991, 1996-2000 (Continued)**  
(Short Tons)

Country of Origin and Destination State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000
<b>Total (Continued)</b>							
Pennsylvania .....	-	-	-	71,869	79,898	-	-
Texas .....	7,277	68,809	169,614	99,044	15,561	-	-89.4
Utah .....	199,443	145,727	-	-	-	-	36.9
Washington .....	40,112	38,395	43,983	41,448	18,030	26,920	4.5
West Virginia .....	-	4,817	-	-	-	-	-100.0

Notes: Data for 1991 are only for receipts at electric utilities. Data for 1996 through 2000 are for receipts at electric utilities, manufacturing plants and coke plants. See Table 38 and Table 39 for related data. See Technical Note 1 for the difference between receipts of imported coal and U.S. coal imports.

Sources: 1991: Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." 1996-2000: Energy Information Administration, Form EIA-3A, "Annual Coal Quality Report - Manufacturing Plants"; Form EIA-5A, "Annual Coal Quality Report - Coke Plants"; and FERC, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 38. Imported Coal Received at Electric Utilities by Country of Origin and Destination State, 1991, 1996-2000**  
(Short Tons)

Country of Origin and Destination State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Australia Total</b> .....	-	<b>62,910</b>	-	-	-	-	<b>-100.0</b>	-	-
Florida .....	-	62,910	-	-	-	-	-100.0	-	-
<b>Canada Total</b> .....	-	-	-	<b>9,590</b>	<b>18,030</b>	<b>26,920</b>	-	<b>-100.0</b>	<b>-100.0</b>
Washington.....	-	-	-	9,590	18,030	26,920	-	-100.0	-100.0
<b>Colombia Total</b> .....	<b>5,769,303</b>	<b>2,438,953</b>	<b>2,530,053</b>	<b>2,744,394</b>	<b>2,079,945</b>	<b>1,582,600</b>	<b>136.5</b>	<b>29.0</b>	<b>15.4</b>
Alabama.....	3,461,020	553,043	-	-	-	-	NM	-	-
Florida .....	1,587,830	1,119,310	1,909,354	1,385,340	1,417,220	1,582,600	41.8	2.9	*
Maryland .....	-	29,000	-	-	-	-	-100.0	-	-
Massachusetts.....	-	-	467,100	1,077,600	630,400	-	-	-100.0	-
Mississippi.....	720,453	701,300	-	-	-	-	2.7	-	-
New Hampshire.....	-	-	34,680	35,360	32,325	-	-	-100.0	-
New York.....	-	36,300	34,800	147,050	-	-	-100.0	-	-
Texas .....	-	-	84,119	99,044	-	-	-	-	-
<b>Indonesia Total</b> .....	<b>47,840</b>	<b>387,627</b>	<b>899,517</b>	<b>782,035</b>	<b>833,706</b>	<b>24,253</b>	<b>-87.6</b>	<b>-51.0</b>	<b>7.8</b>
Florida .....	47,840	387,627	596,979	741,264	807,803	24,253	-87.6	-50.7	7.8
Louisiana .....	-	-	302,538	-	-	-	-	-	-
New Hampshire.....	-	-	-	40,771	25,903	-	-	-100.0	-
<b>Poland Total</b> .....	-	<b>3,970</b>	-	-	-	-	<b>-100.0</b>	-	-
New Jersey .....	-	3,970	-	-	-	-	-100.0	-	-
<b>Venezuela Total</b> .....	<b>1,742,342</b>	<b>2,075,960</b>	<b>2,415,581</b>	<b>1,335,051</b>	<b>1,767,640</b>	<b>333,027</b>	<b>-16.1</b>	<b>-3</b>	<b>20.2</b>
Connecticut.....	-	35,000	106,000	35,000	28,000	-	-100.0	-100.0	-
Florida .....	94,315	493,806	235,155	58,643	298,200	42,200	-80.9	-25.0	9.3
Georgia .....	466,567	434,220	414,490	279,139	209,907	-	7.4	22.1	-
Massachusetts.....	-	-	471,600	382,900	1,135,500	83,700	-	-100.0	-100.0
Mississippi.....	-	15,560	173,670	-	-	-	-100.0	-	-
New Hampshire.....	554,860	506,894	331,371	228,969	96,033	207,127	9.5	55.0	11.6
New Jersey .....	-	980	39,000	-	-	-	-100.0	-	-
New York.....	626,600	589,500	558,800	350,400	-	-	6.3	-	-
Texas .....	-	-	85,495	-	-	-	-	-	-
<b>Total</b> .....	<b>7,559,485</b>	<b>4,969,420</b>	<b>5,845,151</b>	<b>4,871,070</b>	<b>4,699,321</b>	<b>1,966,800</b>	<b>52.1</b>	<b>12.6</b>	<b>16.1</b>
Alabama.....	3,461,020	553,043	-	-	-	-	NM	-	-
Connecticut.....	-	35,000	106,000	35,000	28,000	-	-100.0	-100.0	-
Florida .....	1,729,985	2,063,653	2,741,488	2,185,247	2,523,223	1,649,053	-16.2	-9.0	.5
Georgia .....	466,567	434,220	414,490	279,139	209,907	-	7.4	22.1	-
Louisiana .....	-	-	302,538	-	-	-	-	-	-
Maryland .....	-	29,000	-	-	-	-	-100.0	-	-
Massachusetts.....	-	-	938,700	1,460,500	1,765,900	83,700	-	-100.0	-100.0
Mississippi.....	720,453	716,860	173,670	-	-	-	.5	-	-
New Hampshire.....	554,860	506,894	366,051	305,100	154,261	207,127	9.5	37.7	11.6
New Jersey .....	-	4,950	39,000	-	-	-	-100.0	-	-
New York.....	626,600	625,800	593,600	497,450	-	-	.1	-	-
Texas .....	-	-	169,614	99,044	-	-	-	-	-
Washington.....	-	-	-	9,590	18,030	26,920	-	-100.0	-100.0

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 39. Imported Coal Received at Manufacturing and Coke Plants by Country of Origin and Destination State, 1998-2000**  
(Short Tons)

Country of Origin and Destination State	Manufacturing			Coke Plants			Total			Percent Change 1999-2000
	2000	1999	1998	2000	1999	1998	2000	1999	1998	
<b>Australia Total</b> .....	<b>107,313</b>	<b>98,570</b>	<b>92,676</b>	-	-	-	<b>107,313</b>	<b>98,570</b>	<b>92,676</b>	<b>8.9</b>
Hawaii .....	107,313	98,570	92,676	-	-	-	107,313	98,570	92,676	8.9
<b>Canada Total</b> .....	<b>40,112</b>	<b>38,395</b>	<b>33,062</b>	<b>1,389,511</b>	<b>724,409</b>	<b>1,391,880</b>	<b>1,429,623</b>	<b>762,804</b>	<b>1,424,942</b>	<b>87.4</b>
Illinois .....	-	-	-	121,008	29,963	60,627	121,008	29,963	60,627	303.9
Indiana .....	-	-	-	700,904	193,342	976,153	700,904	193,342	976,153	262.5
Michigan .....	-	-	-	368,156	355,377	355,100	368,156	355,377	355,100	3.6
Ohio .....	-	-	-	-	-	-	-	-	-	-
Utah .....	-	-	-	199,443	145,727	-	199,443	145,727	-	36.9
Washington .....	40,112	38,395	33,062	-	-	-	40,112	38,395	33,062	4.5
<b>Colombia Total</b> .....	<b>197,920</b>	<b>143,846</b>	<b>180,265</b>	-	-	-	<b>197,920</b>	<b>143,846</b>	<b>180,265</b>	<b>37.6</b>
Alabama .....	191,261	139,029	169,344	-	-	-	191,261	139,029	169,344	37.6
Maine .....	-	-	-	-	-	-	-	-	-	-
Ohio .....	6,659	-	-	-	-	-	6,659	-	-	-
Washington .....	-	-	10,921	-	-	-	-	-	10,921	-
West Virginia .....	-	4,817	-	-	-	-	-	4,817	-	-100.0
<b>Mexico Total</b> .....	<b>46,169</b>	<b>68,809</b>	-	-	-	-	<b>46,169</b>	<b>68,809</b>	-	<b>-32.9</b>
Minnesota .....	38,892	-	-	-	-	-	38,892	-	-	-
Texas .....	7,277	68,809	-	-	-	-	7,277	68,809	-	-89.4
<b>Venezuela Total</b> .....	<b>110,093</b>	<b>35,532</b>	-	-	-	-	<b>110,093</b>	<b>35,532</b>	-	<b>209.8</b>
Maine .....	105,390	35,532	-	-	-	-	105,390	35,532	-	196.6
Massachusetts .....	4,703	-	-	-	-	-	4,703	-	-	-
Pennsylvania .....	-	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>501,607</b>	<b>385,152</b>	<b>306,003</b>	<b>1,389,511</b>	<b>724,409</b>	<b>1,391,880</b>	<b>1,891,118</b>	<b>1,109,561</b>	<b>1,697,883</b>	<b>70.4</b>
Alabama .....	191,261	139,029	169,344	-	-	-	191,261	139,029	169,344	37.6
Hawaii .....	107,313	98,570	92,676	-	-	-	107,313	98,570	92,676	8.9
Illinois .....	-	-	-	121,008	29,963	60,627	121,008	29,963	60,627	303.9
Indiana .....	-	-	-	700,904	193,342	976,153	700,904	193,342	976,153	262.5
Maine .....	105,390	35,532	-	-	-	-	105,390	35,532	-	196.6
Massachusetts .....	4,703	-	-	-	-	-	4,703	-	-	-
Michigan .....	-	-	-	368,156	355,377	355,100	368,156	355,377	355,100	3.6
Minnesota .....	38,892	-	-	-	-	-	38,892	-	-	-
Ohio .....	6,659	-	-	-	-	-	6,659	-	-	-
Pennsylvania .....	-	-	-	-	-	-	-	-	-	-
Texas .....	7,277	68,809	-	-	-	-	7,277	68,809	-	-89.4
Utah .....	-	-	-	199,443	145,727	-	199,443	145,727	-	36.9
Washington .....	40,112	38,395	43,983	-	-	-	40,112	38,395	43,983	4.5
West Virginia .....	-	4,817	-	-	-	-	-	4,817	-	-100.0

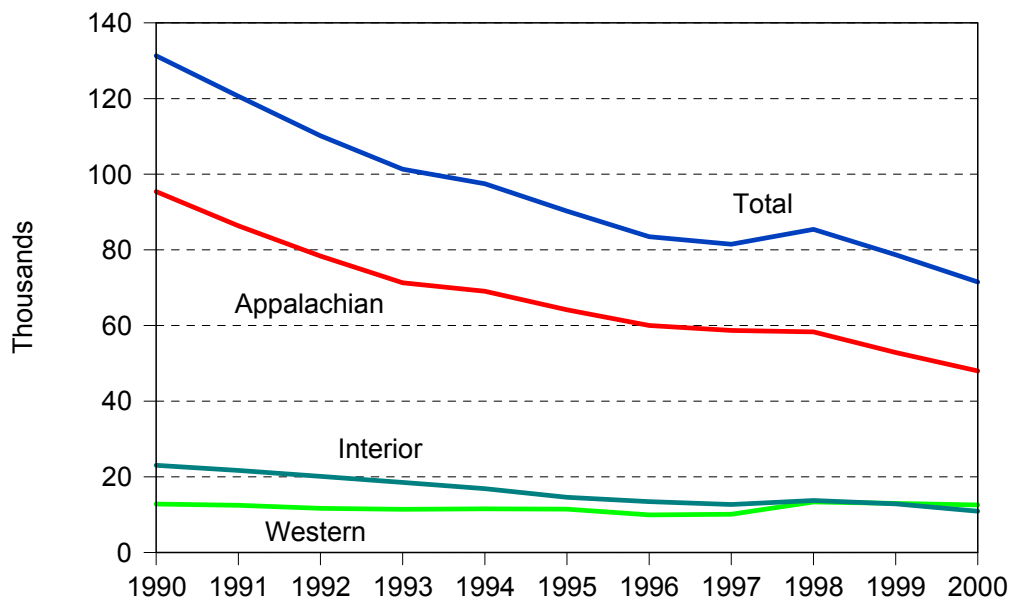
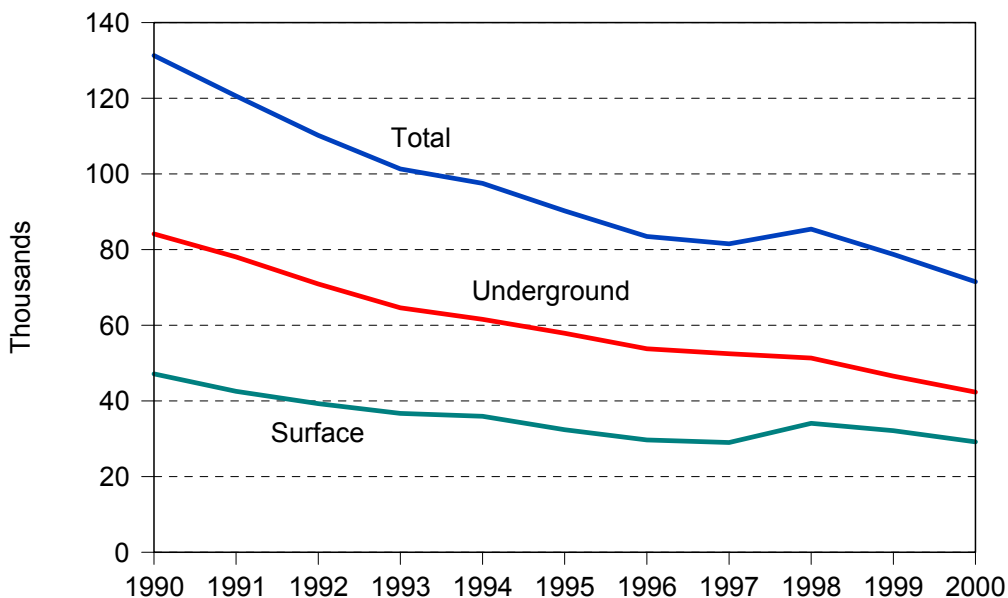
Sources: Energy Information Administration, Form EIA-3A, "Annual Coal Quality Report - Manufacturing Plants"; and Form EIA-5A, "Annual Coal Quality Report - Coke Plants."

# Employment and Productivity

# Employment



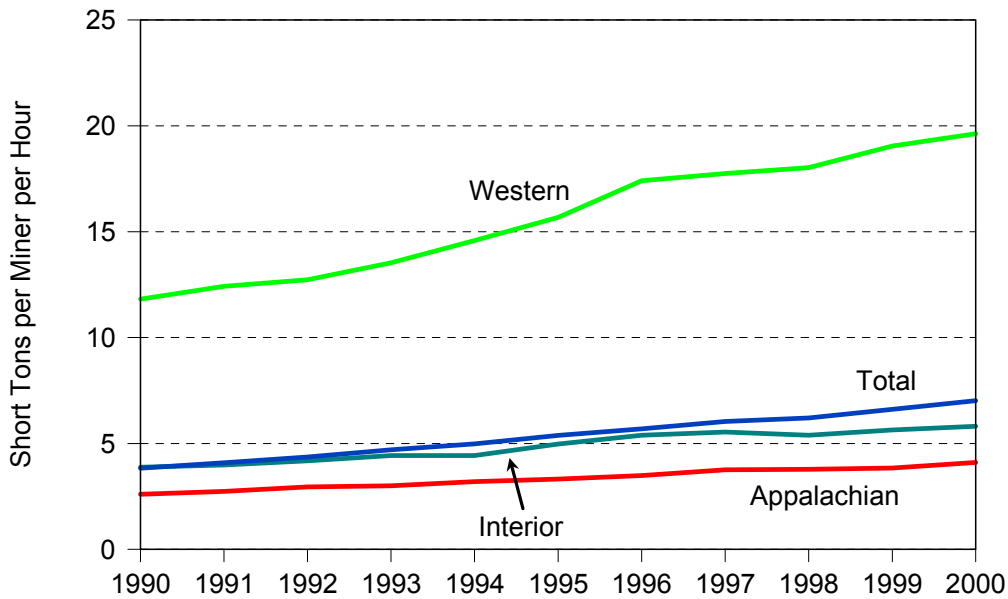
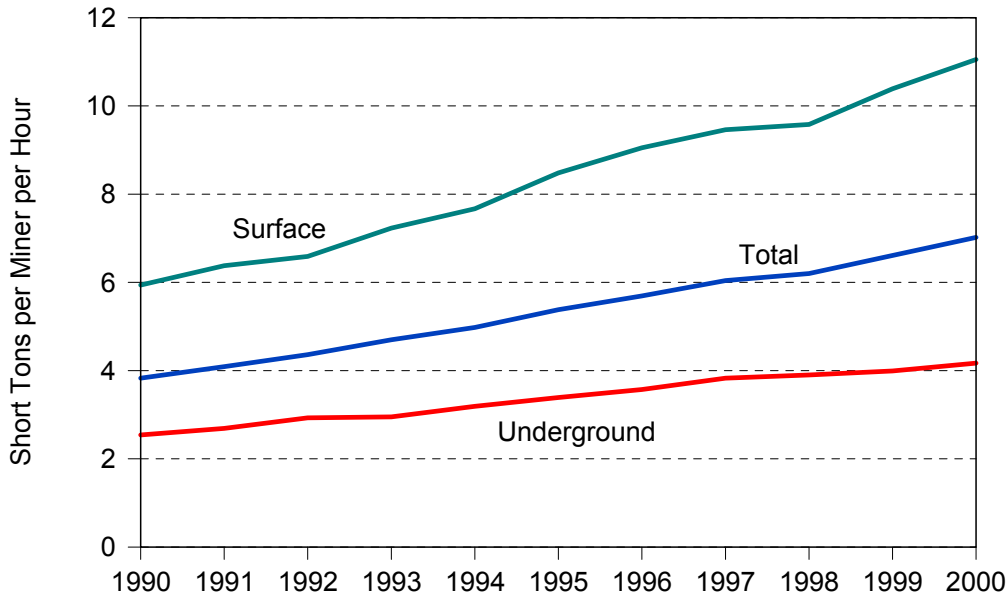
**Figure 4. Average Number of U.S. Employees/Miners by Mine Type and by Region, 1990-2000**



Notes: Scale has been enlarged to show detail in the short tons per miner per hour by type of mining plot. Because vertical scales differ, graphs should not be compared; excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite; excludes mines producing less than 10,000 short tons of coal during the year and preparation plants with less than 5,000 employee hours; includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations; excludes office workers; includes mining operations management and all technical and engineering personnel. Short tons produced per miner per hour is calculated by dividing total coal production by the direct labor hours worked by all mine employees.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Figure 5. U.S. Coal Mining Productivity by Mine Type and by Region, 1990-2000**



Notes: Scale has been enlarged to show detail in the short tons per miner per hour by type of mining plot. Because vertical scales differ, graphs should not be compared; excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite; excludes mines producing less than 10,000 short tons of coal during the year and preparation plants with less than 5,000 employee hours; includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations; excludes office workers; includes mining operations management and all technical and engineering personnel. Short tons produced per miner per hour is calculated by dividing total coal production by the direct labor hours worked by all mine employees.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 40. Average Number of Employees/Miners by State, 1991, 1996-2000**

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	3,303	4,183	4,875	4,928	5,031	6,314	-21.0	-10.0	-6.9
Alaska.....	119	120	122	99	102	99	-8	3.9	2.1
Arizona.....	718	732	747	676	651	900	-1.9	2.5	-2.5
Arkansas.....	-	4	4	2	-	14	-100.0	-	-
California.....	-	-	-	-	-	8	-	-	-
Colorado.....	1,835	1,863	1,845	1,362	1,332	2,037	-1.5	8.3	-1.1
Illinois.....	3,454	4,323	4,297	4,612	5,174	9,102	-20.1	-9.6	-10.2
Indiana.....	2,031	2,633	2,930	2,712	2,579	3,919	-22.9	-5.8	-7.0
Iowa.....	-	-	-	-	-	97	-	-	-
Kansas.....	8	18	19	67	54	92	-55.5	-37.9	-23.8
Kentucky Total.....	15,500	17,211	18,927	18,937	18,826	26,642	-9.9	-4.7	-5.8
Eastern.....	12,990	14,287	15,417	15,422	15,130	21,129	-9.1	-3.7	-5.3
Western.....	2,510	2,924	3,510	3,515	3,696	5,513	-14.1	-9.2	-8.4
Louisiana.....	172	176	176	114	111	103	-2.3	11.6	5.9
Maryland.....	455	449	454	458	469	524	1.3	-8	-1.5
Mississippi.....	108	45	-	-	-	-	140.0	-	-
Missouri.....	43	57	76	51	80	312	-24.6	-14.4	-19.8
Montana.....	867	927	925	708	705	794	-6.5	5.3	1.0
New Mexico.....	1,600	1,687	1,734	1,339	1,347	1,650	-5.1	4.4	-3
North Dakota.....	896	925	928	657	640	814	-3.1	8.8	1.1
Ohio.....	2,688	3,069	3,415	3,124	3,232	5,293	-12.4	-4.5	-7.3
Oklahoma.....	179	205	197	269	233	410	-12.7	-6.4	-8.8
Pennsylvania Total.....	7,905	9,318	9,915	9,575	9,021	13,506	-15.2	-3.2	-5.8
Anthracite.....	1,070	1,326	1,281	1,287	1,171	1,161	-19.3	-2.2	-9
Bituminous.....	6,835	7,992	8,634	8,288	7,850	12,345	-14.5	-3.4	-6.3
Tennessee.....	465	566	533	707	756	1,242	-17.8	-11.4	-10.3
Texas.....	2,435	2,464	2,523	1,363	1,550	2,149	-1.2	11.9	1.4
Utah.....	1,645	1,837	2,072	1,922	1,804	2,277	-10.4	-2.3	-3.5
Virginia.....	5,203	5,450	5,887	6,235	6,241	10,055	-4.5	-4.4	-7.0
Washington.....	512	513	548	577	589	638	-2	-3.4	-2.4
West Virginia Total.....	15,012	15,536	17,822	18,245	20,121	28,310	-3.4	-7.1	-6.8
Northern.....	3,712	3,906	4,268	4,980	5,279	9,468	-5.0	-8.4	-9.9
Southern.....	11,300	11,630	13,554	13,265	14,842	18,842	-2.8	-6.6	-5.5
Wyoming.....	4,369	4,412	4,447	2,777	2,814	3,301	-1.0	11.6	3.2
<b>Appalachian Total<sup>1</sup>.....</b>	<b>48,021</b>	<b>52,858</b>	<b>58,318</b>	<b>58,694</b>	<b>60,001</b>	<b>86,373</b>	<b>-9.1</b>	<b>-5.4</b>	<b>-6.3</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>10,940</b>	<b>12,849</b>	<b>13,732</b>	<b>12,705</b>	<b>13,477</b>	<b>21,711</b>	<b>-14.8</b>	<b>-5.1</b>	<b>-7.3</b>
<b>Western Total<sup>1</sup>.....</b>	<b>12,561</b>	<b>13,016</b>	<b>13,368</b>	<b>10,117</b>	<b>9,984</b>	<b>12,518</b>	<b>-3.5</b>	<b>5.9</b>	<b>*</b>
<b>East of Miss. River.....</b>	<b>56,124</b>	<b>62,783</b>	<b>69,055</b>	<b>69,533</b>	<b>71,450</b>	<b>104,907</b>	<b>-10.6</b>	<b>-5.8</b>	<b>-6.7</b>
<b>West of Miss. River.....</b>	<b>15,398</b>	<b>15,940</b>	<b>16,363</b>	<b>11,983</b>	<b>12,012</b>	<b>15,695</b>	<b>-3.4</b>	<b>6.4</b>	<b>-2</b>
<b>U.S. Total.....</b>	<b>71,522</b>	<b>78,723</b>	<b>85,418</b>	<b>81,516</b>	<b>83,462</b>	<b>120,602</b>	<b>-9.1</b>	<b>-3.8</b>	<b>-5.6</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 41. Average Number of Employees/Miners at Underground Mines by State, 1991, 1996-2000**

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	2,775	3,366	3,911	4,014	4,145	4,473	-17.5	-9.5	-5.2
Colorado .....	1,246	1,246	1,230	923	918	1,530	-	7.9	-2.3
Illinois.....	3,105	3,895	3,798	4,044	4,256	7,056	-20.3	-7.6	-8.7
Indiana.....	511	412	401	411	457	447	24.0	2.8	1.5
Kentucky Total.....	10,888	11,623	12,687	12,947	12,876	18,481	-6.3	-4.1	-5.7
Eastern .....	8,828	9,314	9,924	10,369	10,275	14,878	-5.2	-3.7	-5.6
Western.....	2,060	2,309	2,763	2,578	2,601	3,603	-10.8	-5.7	-6.0
Maryland .....	296	312	292	304	308	309	-5.1	-1.0	-5
Montana.....	-	-	-	-	18	-	-	-	-
New Mexico.....	-	15	32	-	-	63	-100.0	-	-
Ohio.....	1,526	1,645	1,796	1,759	1,706	2,359	-7.2	-2.7	-4.7
Oklahoma .....	40	51	44	36	26	31	-21.6	11.4	2.9
Pennsylvania Total.....	5,281	6,191	6,404	6,202	5,599	8,751	-14.7	-1.4	-5.4
Anthracite .....	201	229	205	174	147	123	-12.2	8.1	5.6
Bituminous .....	5,080	5,962	6,199	6,028	5,452	8,628	-14.8	-1.8	-5.7
Tennessee .....	278	300	280	390	467	988	-7.3	-12.2	-13.1
Utah .....	1,645	1,771	2,045	1,922	1,803	2,277	-7.1	-2.3	-3.5
Virginia.....	3,715	4,161	4,748	5,101	5,098	8,515	-10.7	-7.6	-8.8
West Virginia Total.....	10,996	11,504	13,565	14,329	16,003	22,512	-4.4	-8.9	-7.6
Northern.....	3,316	3,405	3,707	4,551	4,764	8,509	-2.6	-8.7	-9.9
Southern.....	7,680	8,099	9,858	9,778	11,239	14,003	-5.2	-9.1	-6.4
Wyoming.....	50	79	92	105	116	258	-36.7	-19.0	-16.7
<b>Appalachian Total<sup>1</sup>.....</b>	<b>33,695</b>	<b>36,793</b>	<b>40,920</b>	<b>42,468</b>	<b>43,601</b>	<b>62,785</b>	<b>-8.4</b>	<b>-6.2</b>	<b>-6.7</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>5,716</b>	<b>6,667</b>	<b>7,006</b>	<b>7,069</b>	<b>7,340</b>	<b>11,137</b>	<b>-14.3</b>	<b>-6.1</b>	<b>-7.1</b>
<b>Western Total<sup>1</sup>.....</b>	<b>2,941</b>	<b>3,111</b>	<b>3,399</b>	<b>2,950</b>	<b>2,855</b>	<b>4,128</b>	<b>-5.5</b>	<b>.7</b>	<b>-3.7</b>
<b>East of Miss. River.....</b>	<b>39,371</b>	<b>43,409</b>	<b>47,882</b>	<b>49,501</b>	<b>50,915</b>	<b>73,891</b>	<b>-9.3</b>	<b>-6.2</b>	<b>-6.8</b>
<b>West of Miss. River .....</b>	<b>2,981</b>	<b>3,162</b>	<b>3,443</b>	<b>2,986</b>	<b>2,881</b>	<b>4,159</b>	<b>-5.7</b>	<b>.8</b>	<b>-3.6</b>
<b>U.S. Total .....</b>	<b>42,352</b>	<b>46,571</b>	<b>51,325</b>	<b>52,487</b>	<b>53,796</b>	<b>78,050</b>	<b>-9.0</b>	<b>-5.8</b>	<b>-6.6</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 42. Average Number of Employees/Miners at Surface Mines by State, 1991, 1996-2000**

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	528	817	964	914	886	1,841	-35.4	-12.1	-12.9
Alaska.....	119	120	122	99	102	99	-8	3.9	2.1
Arizona.....	718	732	747	676	651	900	-1.9	2.5	-2.5
Arkansas.....	-	4	4	2	-	14	-100.0	-	-
California.....	-	-	-	-	-	8	-	-	-
Colorado.....	589	617	615	439	414	507	-4.5	9.2	1.7
Illinois.....	349	428	499	568	918	2,046	-18.4	-21.5	-17.8
Indiana.....	1,520	2,221	2,529	2,301	2,122	3,472	-31.6	-8.0	-8.8
Iowa.....	-	-	-	-	-	97	-	-	-
Kansas.....	8	18	19	67	54	92	-55.5	-37.9	-23.8
Kentucky Total.....	4,612	5,588	6,240	5,990	5,950	8,161	-17.5	-6.2	-6.1
Eastern.....	4,162	4,973	5,493	5,053	4,855	6,251	-16.3	-3.8	-4.4
Western.....	450	615	747	937	1,095	1,910	-26.8	-19.9	-14.8
Louisiana.....	172	176	176	114	111	103	-2.3	11.6	5.9
Maryland.....	159	137	162	154	161	215	16.0	-3	-3.3
Mississippi.....	108	45	-	-	-	-	140.0	-	-
Missouri.....	43	57	76	51	80	312	-24.6	-14.4	-19.8
Montana.....	867	927	925	708	687	794	-6.5	6.0	1.0
New Mexico.....	1,600	1,672	1,702	1,339	1,347	1,587	-4.3	4.4	.1
North Dakota.....	896	925	928	657	640	814	-3.1	8.8	1.1
Ohio.....	1,162	1,424	1,619	1,365	1,526	2,934	-18.4	-6.6	-9.8
Oklahoma.....	139	154	153	233	207	379	-9.7	-9.5	-10.5
Pennsylvania Total.....	2,624	3,127	3,511	3,373	3,422	4,755	-16.1	-6.4	-6.4
Anthracite.....	869	1,097	1,076	1,113	1,024	1,038	-20.8	-4.0	-1.9
Bituminous.....	1,755	2,030	2,435	2,260	2,398	3,717	-13.5	-7.5	-8.0
Tennessee.....	187	266	253	317	289	254	-29.7	-10.3	-3.3
Texas.....	2,435	2,464	2,523	1,363	1,550	2,149	-1.2	11.9	1.4
Utah.....	-	66	27	-	1	-	-100.0	-	-
Virginia.....	1,488	1,289	1,139	1,134	1,143	1,540	15.4	6.8	-4
Washington.....	512	513	548	577	589	638	-2	-3.4	-2.4
West Virginia Total.....	4,016	4,032	4,257	3,916	4,118	5,798	-4	-6	-4.0
Northern.....	396	501	561	429	515	959	-20.9	-6.3	-9.4
Southern.....	3,620	3,531	3,696	3,487	3,603	4,839	2.5	.1	-3.2
Wyoming.....	4,319	4,333	4,355	2,672	2,698	3,043	-3	12.5	4.0
<b>Appalachian Total<sup>1</sup>.....</b>	<b>14,326</b>	<b>16,065</b>	<b>17,398</b>	<b>16,226</b>	<b>16,400</b>	<b>23,588</b>	<b>-10.8</b>	<b>-3.3</b>	<b>-5.4</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>5,224</b>	<b>6,182</b>	<b>6,726</b>	<b>5,636</b>	<b>6,137</b>	<b>10,574</b>	<b>-15.5</b>	<b>-3.9</b>	<b>-7.5</b>
<b>Western Total<sup>1</sup>.....</b>	<b>9,620</b>	<b>9,905</b>	<b>9,969</b>	<b>7,167</b>	<b>7,129</b>	<b>8,390</b>	<b>-2.9</b>	<b>7.8</b>	<b>1.5</b>
<b>East of Miss. River.....</b>	<b>16,753</b>	<b>19,374</b>	<b>21,173</b>	<b>20,032</b>	<b>20,535</b>	<b>31,016</b>	<b>-13.5</b>	<b>-5.0</b>	<b>-6.6</b>
<b>West of Miss. River.....</b>	<b>12,417</b>	<b>12,778</b>	<b>12,920</b>	<b>8,997</b>	<b>9,131</b>	<b>11,536</b>	<b>-2.8</b>	<b>8.0</b>	<b>.8</b>
<b>U.S. Total.....</b>	<b>29,170</b>	<b>32,152</b>	<b>34,093</b>	<b>29,029</b>	<b>29,666</b>	<b>42,552</b>	<b>-9.3</b>	<b>-4</b>	<b>-4.1</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 43. Average Number of Employees by State and Mine Production Range, 2000**

Coal-Producing State and Region	Mine Production Range (thousand short tons)							Total
	1,000 and over	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Zero <sup>1</sup>	
Alabama.....	2,514	—	188	168	106	78	249	3,303
Alaska.....	119	—	—	—	—	—	—	119
Arizona.....	682	—	—	—	—	—	36	718
Colorado.....	1,675	—	49	72	—	—	39	1,835
Illinois.....	3,167	173	—	—	16	—	98	3,454
Indiana.....	1,394	319	117	62	16	85	38	2,031
Kansas.....	—	—	8	—	—	—	—	8
Kentucky Total.....	4,204	2,899	2,656	1,711	1,077	1,057	1,896	15,500
Eastern.....	2,568	2,535	2,564	1,572	1,077	1,048	1,626	12,990
Western.....	1,636	364	92	139	—	9	270	2,510
Louisiana.....	133	39	—	—	—	—	—	172
Maryland.....	203	60	104	—	31	24	33	455
Mississippi.....	—	108	—	—	—	—	—	108
Missouri.....	—	—	35	8	—	—	—	43
Montana.....	857	—	10	—	—	—	—	867
New Mexico.....	1,600	—	—	—	—	—	—	1,600
North Dakota.....	896	—	—	—	—	—	—	896
Ohio.....	1,491	374	357	185	80	91	110	2,688
Oklahoma.....	—	41	68	43	16	11	—	179
Pennsylvania Total.....	3,568	689	1,177	620	357	447	1,047	7,905
Anthracite.....	—	11	194	115	108	185	457	1,070
Bituminous.....	3,568	678	983	505	249	262	590	6,835
Tennessee.....	—	—	246	46	53	54	66	465
Texas.....	2,377	—	19	39	—	—	—	2,435
Utah.....	1,323	191	100	—	—	—	31	1,645
Virginia.....	484	852	1,459	615	378	579	836	5,203
Washington.....	512	—	—	—	—	—	—	512
West Virginia Total.....	6,721	2,096	2,093	1,016	552	661	1,873	15,012
Northern.....	2,075	565	372	119	166	120	295	3,712
Southern.....	4,646	1,531	1,721	897	386	541	1,578	11,300
Wyoming.....	4,228	79	48	—	—	14	—	4,369
<b>Appalachian Total<sup>2</sup>.....</b>	<b>17,549</b>	<b>6,606</b>	<b>8,188</b>	<b>4,222</b>	<b>2,634</b>	<b>2,982</b>	<b>5,840</b>	<b>48,021</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>8,707</b>	<b>1,044</b>	<b>339</b>	<b>291</b>	<b>48</b>	<b>105</b>	<b>406</b>	<b>10,940</b>
<b>Western Total<sup>2</sup>.....</b>	<b>11,892</b>	<b>270</b>	<b>207</b>	<b>72</b>	<b>—</b>	<b>14</b>	<b>106</b>	<b>12,561</b>
<b>East of Miss. River.....</b>	<b>23,746</b>	<b>7,570</b>	<b>8,397</b>	<b>4,423</b>	<b>2,666</b>	<b>3,076</b>	<b>6,246</b>	<b>56,124</b>
<b>West of Miss. River.....</b>	<b>14,402</b>	<b>350</b>	<b>337</b>	<b>162</b>	<b>16</b>	<b>25</b>	<b>106</b>	<b>15,398</b>
<b>U.S. Total.....</b>	<b>38,148</b>	<b>7,920</b>	<b>8,734</b>	<b>4,585</b>	<b>2,682</b>	<b>3,101</b>	<b>6,352</b>	<b>71,522</b>

<sup>1</sup> Includes all employees at preparation plants and tipples not co-located with a mine, including office workers.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

**Table 44. Average Number of Employees at Underground Mines by State and Mine Production Range, 2000**

Coal-Producing State and Region	Mine Production Range (thousand short tons)							Total
	1,000 and over	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Zero <sup>1</sup>	
Alabama.....	2,514	—	—	33	24	20	184	2,775
Colorado .....	1,119	—	16	72	—	—	39	1,246
Illinois.....	2,950	68	—	—	—	—	87	3,105
Indiana.....	352	—	37	33	—	68	21	511
Kentucky Total.....	2,898	1,928	1,897	1,228	829	734	1,374	10,888
Eastern.....	1,337	1,770	1,854	1,171	829	734	1,133	8,828
Western.....	1,561	158	43	57	—	—	241	2,060
Maryland.....	203	60	—	—	—	—	33	296
Ohio.....	1,349	48	55	18	—	—	56	1,526
Oklahoma.....	—	—	40	—	—	—	—	40
Pennsylvania Total.....	3,568	416	408	259	52	85	493	5,281
Anthracite.....	—	—	—	44	—	40	117	201
Bituminous.....	3,568	416	408	215	52	45	376	5,080
Tennessee.....	—	—	113	46	53	19	47	278
Utah.....	1,323	191	100	—	—	—	31	1,645
Virginia.....	406	588	1,074	465	285	435	462	3,715
West Virginia Total.....	4,614	1,503	1,761	784	471	502	1,361	10,996
Northern.....	1,960	531	335	80	109	70	231	3,316
Southern.....	2,654	972	1,426	704	362	432	1,130	7,680
Wyoming.....	50	—	—	—	—	—	—	50
<b>Appalachian Total<sup>2</sup>.....</b>	<b>13,991</b>	<b>4,385</b>	<b>5,265</b>	<b>2,776</b>	<b>1,714</b>	<b>1,795</b>	<b>3,769</b>	<b>33,695</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>4,863</b>	<b>226</b>	<b>120</b>	<b>90</b>	<b>—</b>	<b>68</b>	<b>349</b>	<b>5,716</b>
<b>Western Total<sup>2</sup>.....</b>	<b>2,492</b>	<b>191</b>	<b>116</b>	<b>72</b>	<b>—</b>	<b>—</b>	<b>70</b>	<b>2,941</b>
<b>East of Miss. River.....</b>	<b>18,854</b>	<b>4,611</b>	<b>5,345</b>	<b>2,866</b>	<b>1,714</b>	<b>1,863</b>	<b>4,118</b>	<b>39,371</b>
<b>West of Miss. River.....</b>	<b>2,492</b>	<b>191</b>	<b>156</b>	<b>72</b>	<b>—</b>	<b>—</b>	<b>70</b>	<b>2,981</b>
<b>U.S. Total.....</b>	<b>21,346</b>	<b>4,802</b>	<b>5,501</b>	<b>2,938</b>	<b>1,714</b>	<b>1,863</b>	<b>4,188</b>	<b>42,352</b>

<sup>1</sup> Includes all employees at preparation plants and tipples not co-located with a mine, including office workers.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

**Table 45. Average Number of Employees at Surface Mines by State and Mine Production Range, 2000**

Coal-Producing State and Region	Mine Production Range (thousand short tons)							Total
	1,000 and over	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Zero <sup>1</sup>	
Alabama.....	—	—	188	135	82	58	65	528
Alaska.....	119	—	—	—	—	—	—	119
Arizona.....	682	—	—	—	—	—	36	718
Colorado.....	556	—	33	—	—	—	—	589
Illinois.....	217	105	—	—	16	—	11	349
Indiana.....	1,042	319	80	29	16	17	17	1,520
Kansas.....	—	—	8	—	—	—	—	8
Kentucky Total.....	1,306	971	759	483	248	323	522	4,612
Eastern.....	1,231	765	710	401	248	314	493	4,162
Western.....	75	206	49	82	—	9	29	450
Louisiana.....	133	39	—	—	—	—	—	172
Maryland.....	—	—	104	—	31	24	—	159
Mississippi.....	—	108	—	—	—	—	—	108
Missouri.....	—	—	35	8	—	—	—	43
Montana.....	857	—	10	—	—	—	—	867
New Mexico.....	1,600	—	—	—	—	—	—	1,600
North Dakota.....	896	—	—	—	—	—	—	896
Ohio.....	142	326	302	167	80	91	54	1,162
Oklahoma.....	—	41	28	43	16	11	—	139
Pennsylvania Total.....	—	273	769	361	305	362	554	2,624
Anthracite.....	—	11	194	71	108	145	340	869
Bituminous.....	—	262	575	290	197	217	214	1,755
Tennessee.....	—	—	133	—	—	35	19	187
Texas.....	2,377	—	19	39	—	—	—	2,435
Virginia.....	78	264	385	150	93	144	374	1,488
Washington.....	512	—	—	—	—	—	—	512
West Virginia Total.....	2,107	593	332	232	81	159	512	4,016
Northern.....	115	34	37	39	57	50	64	396
Southern.....	1,992	559	295	193	24	109	448	3,620
Wyoming.....	4,178	79	48	—	—	14	—	4,319
<b>Appalachian Total<sup>2</sup>.....</b>	<b>3,558</b>	<b>2,221</b>	<b>2,923</b>	<b>1,446</b>	<b>920</b>	<b>1,187</b>	<b>2,071</b>	<b>14,326</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>3,844</b>	<b>818</b>	<b>219</b>	<b>201</b>	<b>48</b>	<b>37</b>	<b>57</b>	<b>5,224</b>
<b>Western Total<sup>2</sup>.....</b>	<b>9,400</b>	<b>79</b>	<b>91</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>36</b>	<b>9,620</b>
<b>East of Miss. River.....</b>	<b>4,892</b>	<b>2,959</b>	<b>3,052</b>	<b>1,557</b>	<b>952</b>	<b>1,213</b>	<b>2,128</b>	<b>16,753</b>
<b>West of Miss. River.....</b>	<b>11,910</b>	<b>159</b>	<b>181</b>	<b>90</b>	<b>16</b>	<b>25</b>	<b>36</b>	<b>12,417</b>
<b>U.S. Total.....</b>	<b>16,802</b>	<b>3,118</b>	<b>3,233</b>	<b>1,647</b>	<b>968</b>	<b>1,238</b>	<b>2,164</b>	<b>29,170</b>

<sup>1</sup> Includes all employees at preparation plants and tipples not co-located with a mine, including office workers.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.



**Table 46. Average Number of Employees by State, Mine Type, and Union Type, 2000**

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Alabama</b> .....	<b>2,601</b>	—	<b>2,601</b>	<b>702</b>	<b>3,303</b>
Underground.....	2,587	—	2,587	188	2,775
Surface.....	14	—	14	514	528
<b>Alaska</b> .....	—	—	—	<b>119</b>	<b>119</b>
Surface.....	—	—	—	119	119
<b>Arizona</b> .....	<b>718</b>	—	<b>718</b>	—	<b>718</b>
Surface.....	718	—	718	—	718
<b>Colorado</b> .....	<b>595</b>	<b>156</b>	<b>751</b>	<b>1,084</b>	<b>1,835</b>
Underground.....	467	—	467	779	1,246
Surface.....	128	156	284	305	589
<b>Illinois</b> .....	<b>1,623</b>	<b>327</b>	<b>1,950</b>	<b>1,504</b>	<b>3,454</b>
Underground.....	1,547	179	1,726	1,379	3,105
Surface.....	76	148	224	125	349
<b>Indiana</b> .....	<b>301</b>	—	<b>301</b>	<b>1,730</b>	<b>2,031</b>
Underground.....	—	—	—	511	511
Surface.....	301	—	301	1,219	1,520
<b>Kansas</b> .....	—	—	—	<b>8</b>	<b>8</b>
Surface.....	—	—	—	8	8
<b>Kentucky Total</b> .....	<b>1,326</b>	—	<b>1,326</b>	<b>14,174</b>	<b>15,500</b>
Underground.....	1,254	—	1,254	9,634	10,888
Surface.....	72	—	72	4,540	4,612
<b>Eastern</b> .....	<b>127</b>	—	<b>127</b>	<b>12,863</b>	<b>12,990</b>
Underground.....	111	—	111	8,717	8,828
Surface.....	16	—	16	4,146	4,162
<b>Western</b> .....	<b>1,199</b>	—	<b>1,199</b>	<b>1,311</b>	<b>2,510</b>
Underground.....	1,143	—	1,143	917	2,060
Surface.....	56	—	56	394	450
<b>Louisiana</b> .....	—	—	—	<b>172</b>	<b>172</b>
Surface.....	—	—	—	172	172
<b>Maryland</b> .....	—	—	—	<b>455</b>	<b>455</b>
Underground.....	—	—	—	296	296
Surface.....	—	—	—	159	159
<b>Mississippi</b> .....	—	—	—	<b>108</b>	<b>108</b>
Surface.....	—	—	—	108	108
<b>Missouri</b> .....	—	—	—	<b>43</b>	<b>43</b>
Surface.....	—	—	—	43	43
<b>Montana</b> .....	<b>283</b>	<b>445</b>	<b>728</b>	<b>139</b>	<b>867</b>
Surface.....	283	445	728	139	867
<b>New Mexico</b> .....	<b>525</b>	<b>803</b>	<b>1,328</b>	<b>272</b>	<b>1,600</b>
Surface.....	525	803	1,328	272	1,600
<b>North Dakota</b> .....	<b>142</b>	<b>135</b>	<b>277</b>	<b>619</b>	<b>896</b>
Surface.....	142	135	277	619	896
<b>Ohio</b> .....	<b>1,400</b>	—	<b>1,400</b>	<b>1,288</b>	<b>2,688</b>
Underground.....	1,189	—	1,189	337	1,526
Surface.....	211	—	211	951	1,162
<b>Oklahoma</b> .....	—	—	—	<b>179</b>	<b>179</b>
Underground.....	—	—	—	40	40
Surface.....	—	—	—	139	139
<b>Pennsylvania Total</b> .....	<b>3,800</b>	<b>15</b>	<b>3,815</b>	<b>4,090</b>	<b>7,905</b>
Underground.....	3,337	6	3,343	1,938	5,281
Surface.....	463	9	472	2,152	2,624
<b>Anthracite</b> .....	<b>409</b>	<b>3</b>	<b>412</b>	<b>658</b>	<b>1,070</b>
Underground.....	—	—	—	201	201
Surface.....	409	3	412	457	869
<b>Bituminous</b> .....	<b>3,391</b>	<b>12</b>	<b>3,403</b>	<b>3,432</b>	<b>6,835</b>
Underground.....	3,337	6	3,343	1,737	5,080
Surface.....	54	6	60	1,695	1,755
<b>Tennessee</b> .....	—	—	—	<b>465</b>	<b>465</b>
Underground.....	—	—	—	278	278
Surface.....	—	—	—	187	187
<b>Texas</b> .....	—	<b>1,622</b>	<b>1,622</b>	<b>813</b>	<b>2,435</b>
Surface.....	—	1,622	1,622	813	2,435
<b>Utah</b> .....	<b>487</b>	<b>112</b>	<b>599</b>	<b>1,046</b>	<b>1,645</b>
Underground.....	487	112	599	1,046	1,645
<b>Virginia</b> .....	<b>585</b>	<b>175</b>	<b>760</b>	<b>4,443</b>	<b>5,203</b>
Underground.....	584	125	709	3,006	3,715
Surface.....	1	50	51	1,437	1,488
<b>Washington</b> .....	—	<b>512</b>	<b>512</b>	—	<b>512</b>
Surface.....	—	512	512	—	512
<b>West Virginia Total</b> .....	<b>5,846</b>	<b>47</b>	<b>5,893</b>	<b>9,119</b>	<b>15,012</b>
Underground.....	4,715	7	4,722	6,274	10,996
Surface.....	1,131	40	1,171	2,845	4,016

See footnotes at end of table.

**Table 46. Average Number of Employees by State, Mine Type, and Union Type, 2000 (Continued)**

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Northern</b> .....	<b>1,935</b>	—	<b>1,935</b>	<b>1,777</b>	<b>3,712</b>
Underground .....	1,935	—	1,935	1,381	3,316
Surface .....	—	—	—	396	396
<b>Southern</b> .....	<b>3,911</b>	<b>47</b>	<b>3,958</b>	<b>7,342</b>	<b>11,300</b>
Underground .....	2,780	7	2,787	4,893	7,680
Surface .....	1,131	40	1,171	2,449	3,620
<b>Wyoming</b> .....	<b>290</b>	<b>437</b>	<b>727</b>	<b>3,642</b>	<b>4,369</b>
Underground .....	—	—	—	50	50
Surface .....	290	437	727	3,592	4,319
<b>Appalachian Total<sup>1</sup></b> .....	<b>14,359</b>	<b>237</b>	<b>14,596</b>	<b>33,425</b>	<b>48,021</b>
Underground .....	12,523	138	12,661	21,034	33,695
Surface .....	1,836	99	1,935	12,391	14,326
<b>Interior Total<sup>1</sup></b> .....	<b>3,123</b>	<b>1,949</b>	<b>5,072</b>	<b>5,868</b>	<b>10,940</b>
Underground .....	2,690	179	2,869	2,847	5,716
Surface .....	433	1,770	2,203	3,021	5,224
<b>Western Total<sup>1</sup></b> .....	<b>3,040</b>	<b>2,600</b>	<b>5,640</b>	<b>6,921</b>	<b>12,561</b>
Underground .....	954	112	1,066	1,875	2,941
Surface .....	2,086	2,488	4,574	5,046	9,620
<b>East of Miss. River</b> .....	<b>17,482</b>	<b>564</b>	<b>18,046</b>	<b>38,078</b>	<b>56,124</b>
Underground .....	15,213	317	15,530	23,841	39,371
Surface .....	2,269	247	2,516	14,237	16,753
<b>West of Miss. River</b> .....	<b>3,040</b>	<b>4,222</b>	<b>7,262</b>	<b>8,136</b>	<b>15,398</b>
Underground .....	954	112	1,066	1,915	2,981
Surface .....	2,086	4,110	6,196	6,221	12,417
<b>U.S. Total</b> .....	<b>20,522</b>	<b>4,786</b>	<b>25,308</b>	<b>46,214</b>	<b>71,522</b>
Underground .....	16,167	429	16,596	25,756	42,352
Surface .....	4,355	4,357	8,712	20,458	29,170

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

Notes: Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data. See Glossary for listing of other unions.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 47. U.S. Coal Mine Injuries, 1991, 1996-2000**

Injury Type	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Injuries Total<sup>1</sup></b> .....	<b>4,254</b>	<b>4,513</b>	<b>5,349</b>	<b>5,818</b>	<b>6,148</b>	<b>11,386</b>	<b>-15.6</b>	<b>-11.6</b>	<b>-10.6</b>
Fatal .....	28	29	25	30	39	61	16.0	-11.4	-8.7
Nonfatal <sup>2</sup> .....	4,226	4,484	5,324	5,788	6,109	11,325	-15.8	-11.6	-10.6
<b>Injuries per 200,000</b>									
<b>Employee-Hours Total</b> .....	<b>5.41</b>	<b>5.54</b>	<b>6.04</b>	<b>5.39</b>	<b>5.66</b>	<b>7.90</b>	<b>-8.3</b>	<b>-4.4</b>	<b>-3.9</b>
Fatal .....	.04	.04	.03	.03	.04	.04	33.3	—	—
Nonfatal <sup>2</sup> .....	5.37	5.50	6.01	5.35	5.62	7.86	-8.5	-4.4	-3.9

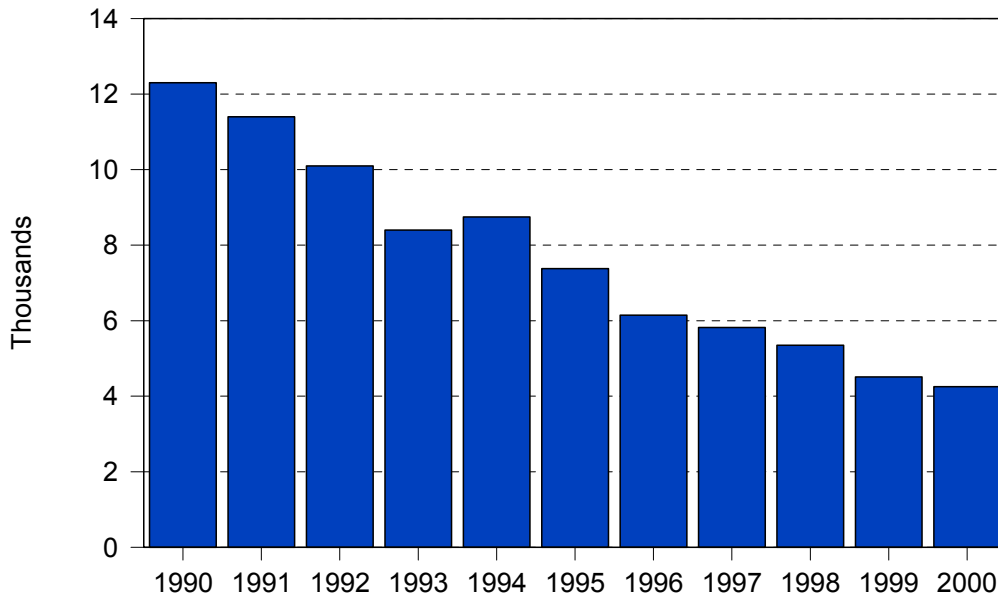
<sup>1</sup> Includes contractors, preparation plants and independent shops and yards.

<sup>2</sup> Includes only non-fatal injuries that resulted in absence from work.

Note: Calculations of growth rate are based using unrounded values.

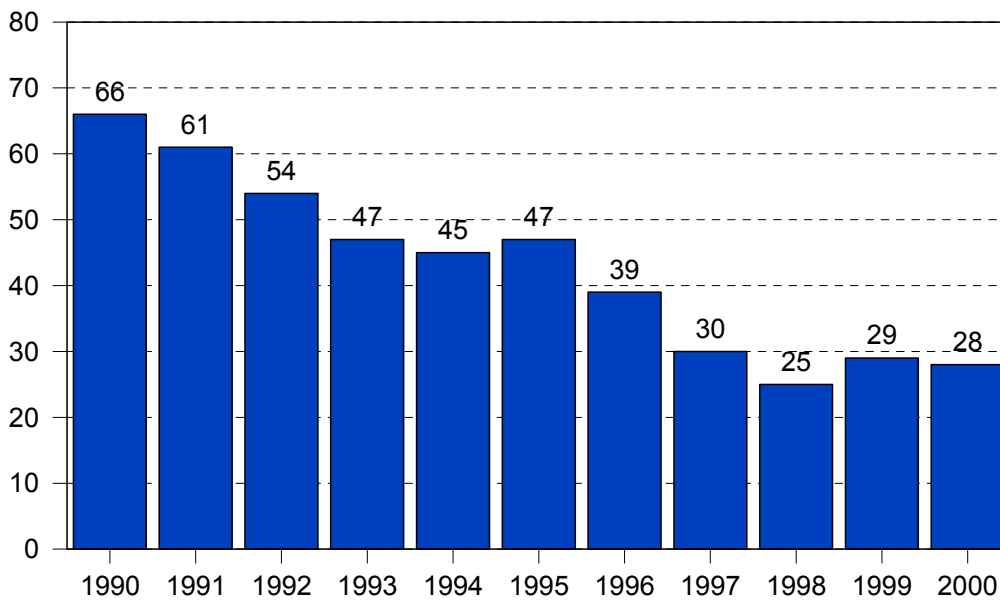
Source: U.S. Department of Labor, Mine Safety and Health Administration, *Mine Injuries and Worktime, Quarterly*, various issues.

**Figure 6. U.S. Coal Mine Injuries, 1990-2000**



Sources: U.S. Department of Labor, Mine Safety and Health Administration, *Mine Injuries and Worktime, Quarterly*, various issues.

**Figure 7. U.S. Coal Mine Fatalities, 1990-2000**



Sources: U.S. Department of Labor, Mine Safety and Health Administration, *Mine Injuries and Worktime, Quarterly*, various issues.

# Productivity

**Table 48. Coal Mining Productivity by State, 1991, 1996-2000**  
(Short Tons of Coal Produced per Employee/Miner per Hour)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	2.75	2.25	2.31	2.39	2.20	2.17	22.2	5.7	2.7
Alaska.....	6.05	5.56	4.65	6.41	6.81	6.82	8.9	-2.9	-1.3
Arizona.....	7.15	6.61	6.53	6.79	6.30	6.64	8.1	3.2	.8
Arkansas.....	-	1.89	1.95	1.94	-	2.27	-100.0	-	-
California.....	-	-	-	-	-	11.31	-	-	-
Colorado.....	7.64	7.93	7.89	7.68	7.32	5.05	-3.6	1.1	4.7
Illinois.....	4.32	4.19	4.17	4.20	4.18	3.18	3.2	.8	3.5
Indiana.....	5.67	5.42	5.17	5.33	4.98	4.02	4.6	3.3	3.9
Iowa.....	-	-	-	-	-	1.29	-	-	-
Kansas.....	11.10	8.58	7.49	3.82	2.17	2.15	29.4	50.4	20.0
Kentucky Total.....	3.96	3.89	3.79	3.94	3.80	3.01	1.9	1.0	3.1
Eastern.....	3.86	3.74	3.70	3.83	3.68	2.90	3.2	1.2	3.2
Western.....	4.46	4.57	4.16	4.38	4.29	3.37	-2.3	1.0	3.2
Louisiana.....	10.30	8.49	8.82	10.94	10.86	12.56	21.3	-1.3	-2.2
Maryland.....	4.41	4.20	4.12	3.93	4.13	3.11	5.1	1.7	4.0
Mississippi.....	3.84	.19	-	-	-	-	NM	-	-
Missouri.....	4.17	2.89	2.72	3.19	3.49	2.69	44.2	4.6	5.0
Montana.....	22.85	22.84	22.96	23.56	21.88	18.99	*	1.1	2.1
New Mexico.....	8.50	8.30	7.92	9.37	8.45	6.25	2.4	.2	3.5
North Dakota.....	17.63	17.26	16.77	17.82	17.20	17.64	2.2	.6	*
Ohio.....	3.55	3.19	3.50	4.02	3.95	2.67	11.3	-2.6	3.2
Oklahoma.....	3.49	3.15	3.30	2.51	2.61	2.30	10.6	7.5	4.8
Pennsylvania Total.....	4.32	3.81	3.77	3.63	3.36	2.43	13.4	6.5	6.6
Anthracite.....	1.97	1.76	2.04	1.76	1.92	1.39	12.0	.6	3.9
Bituminous.....	4.68	4.12	4.00	3.89	3.56	2.52	13.5	7.1	7.1
Tennessee.....	2.85	2.75	2.71	2.37	2.20	1.88	3.7	6.7	4.7
Texas.....	9.71	10.08	9.66	10.24	10.13	7.17	-3.6	-1.0	3.4
Utah.....	7.68	6.84	6.16	6.34	7.23	4.80	12.2	1.5	5.4
Virginia.....	3.14	3.09	2.82	2.77	2.72	2.23	1.7	3.7	3.9
Washington.....	3.85	3.95	4.24	3.59	3.97	3.97	-2.6	-8	-3
West Virginia Total.....	4.92	4.77	4.62	4.46	3.91	3.11	3.2	5.9	5.2
Northern.....	4.77	4.63	4.67	4.48	4.05	2.84	3.0	4.1	5.9
Southern.....	4.97	4.81	4.61	4.46	3.86	3.26	3.2	6.5	4.8
Wyoming.....	38.29	37.29	35.98	34.55	32.06	21.87	2.7	4.5	6.4
<b>Appalachian Total<sup>1</sup>.....</b>	<b>4.10</b>	<b>3.84</b>	<b>3.78</b>	<b>3.76</b>	<b>3.48</b>	<b>2.74</b>	<b>6.7</b>	<b>4.1</b>	<b>4.6</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>5.81</b>	<b>5.64</b>	<b>5.39</b>	<b>5.54</b>	<b>5.39</b>	<b>3.98</b>	<b>3.0</b>	<b>1.9</b>	<b>4.3</b>
<b>Western Total<sup>1</sup>.....</b>	<b>19.63</b>	<b>19.05</b>	<b>18.03</b>	<b>17.75</b>	<b>17.41</b>	<b>12.42</b>	<b>3.0</b>	<b>3.0</b>	<b>5.2</b>
<b>East of Miss. River.....</b>	<b>4.19</b>	<b>3.97</b>	<b>3.89</b>	<b>3.89</b>	<b>3.63</b>	<b>2.86</b>	<b>5.5</b>	<b>3.6</b>	<b>4.3</b>
<b>West of Miss. River.....</b>	<b>17.67</b>	<b>17.18</b>	<b>16.27</b>	<b>16.04</b>	<b>15.66</b>	<b>10.79</b>	<b>2.8</b>	<b>3.0</b>	<b>5.6</b>
<b>U.S. Total.....</b>	<b>7.02</b>	<b>6.61</b>	<b>6.20</b>	<b>6.04</b>	<b>5.69</b>	<b>4.09</b>	<b>6.1</b>	<b>5.4</b>	<b>6.2</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 49. Underground Coal Mining Productivity by State, 1991, 1996-2000**

(Short Tons of Coal Produced per Employee/Miner per Hour)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	2.68	2.09	2.16	2.21	1.95	1.90	28.1	8.3	3.8
Colorado.....	7.84	8.13	7.73	7.44	6.67	4.23	-3.6	4.1	7.1
Illinois.....	4.30	4.29	4.20	4.07	4.10	2.88	.2	1.2	4.5
Indiana.....	3.28	3.44	3.63	3.74	3.09	2.97	-4.8	1.5	1.1
Kentucky Total.....	3.51	3.55	3.51	3.64	3.53	2.71	-1.1	-2	2.9
Eastern.....	3.32	3.32	3.36	3.47	3.37	2.66	*	-4	2.5
Western.....	4.20	4.36	3.97	4.15	4.05	2.86	-3.6	.9	4.4
Maryland.....	4.76	5.22	5.18	5.17	4.82	3.73	-8.7	-3	2.7
Montana.....	-	-	-	-	3.50	-	-	-	-
New Mexico.....	-	2.10	4.01	-	-	.71	-100.0	-	-
Ohio.....	3.45	3.02	3.48	4.18	4.19	2.55	14.2	-4.7	3.4
Oklahoma.....	2.52	1.50	2.18	2.32	1.75	.52	68.5	9.5	19.2
Pennsylvania Total.....	4.97	4.31	4.22	4.05	3.74	2.38	15.4	7.4	8.5
Anthracite.....	.63	.65	.95	1.03	.94	.51	-3.4	-9.5	2.3
Bituminous.....	5.12	4.43	4.30	4.13	3.81	2.40	15.5	7.7	8.8
Tennessee.....	2.80	2.50	2.39	1.83	1.76	1.72	11.9	12.3	5.5
Utah.....	7.68	7.15	6.22	6.34	7.24	4.80	7.3	1.5	5.4
Virginia.....	3.12	2.87	2.64	2.56	2.44	2.12	8.4	6.3	4.4
West Virginia Total.....	4.30	4.31	4.29	4.03	3.50	2.83	-2	5.3	4.8
Northern.....	4.58	4.58	4.69	4.35	3.98	2.80	-1	3.6	5.6
Southern.....	4.18	4.19	4.12	3.90	3.29	2.84	-3	6.2	4.4
Wyoming.....	11.61	10.29	9.14	10.13	9.18	4.17	12.8	6.0	12.1
<b>Appalachian Total<sup>1</sup>.....</b>	<b>3.85</b>	<b>3.64</b>	<b>3.62</b>	<b>3.55</b>	<b>3.24</b>	<b>2.54</b>	<b>5.7</b>	<b>4.4</b>	<b>4.8</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>4.16</b>	<b>4.23</b>	<b>4.06</b>	<b>4.07</b>	<b>4.01</b>	<b>2.87</b>	<b>-1.7</b>	<b>.9</b>	<b>4.2</b>
<b>Western Total<sup>1</sup>.....</b>	<b>7.81</b>	<b>7.58</b>	<b>6.84</b>	<b>6.88</b>	<b>7.09</b>	<b>4.56</b>	<b>3.1</b>	<b>2.4</b>	<b>6.2</b>
<b>East of Miss. River.....</b>	<b>3.90</b>	<b>3.74</b>	<b>3.69</b>	<b>3.63</b>	<b>3.36</b>	<b>2.59</b>	<b>4.2</b>	<b>3.8</b>	<b>4.6</b>
<b>West of Miss. River.....</b>	<b>7.73</b>	<b>7.45</b>	<b>6.76</b>	<b>6.82</b>	<b>7.03</b>	<b>4.53</b>	<b>3.7</b>	<b>2.4</b>	<b>6.1</b>
<b>U.S. Total.....</b>	<b>4.17</b>	<b>3.99</b>	<b>3.90</b>	<b>3.83</b>	<b>3.57</b>	<b>2.69</b>	<b>4.4</b>	<b>3.9</b>	<b>5.0</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 50. Surface Coal Mining Productivity by State, 1991, 1996-2000**

(Short Tons of Coal Produced per Employee/Miner per Hour)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	3.16	2.98	2.93	3.21	3.50	2.84	6.1	-2.5	1.2
Alaska.....	6.05	5.56	4.65	6.41	6.81	6.82	8.9	-2.9	-1.3
Arizona.....	7.15	6.61	6.53	6.79	6.30	6.64	8.1	3.2	.8
Arkansas.....	-	1.89	1.95	1.94	-	2.27	-100.0	-	-
California.....	-	-	-	-	-	11.31	-	-	-
Colorado.....	7.26	7.53	8.22	8.17	8.76	6.51	-3.6	-4.6	1.2
Illinois.....	4.47	3.36	3.98	5.11	4.67	4.30	33.2	-1.1	.4
Indiana.....	6.38	5.81	5.41	5.59	5.34	4.17	9.7	4.5	4.8
Iowa.....	-	-	-	-	-	1.29	-	-	-
Kansas.....	11.10	8.58	7.49	3.82	2.17	2.15	29.4	50.4	20.0
Kentucky Total.....	4.99	4.60	4.37	4.57	4.35	3.66	8.5	3.4	3.5
Eastern.....	4.91	4.50	4.30	4.47	4.23	3.43	9.1	3.8	4.1
Western.....	5.78	5.50	4.93	5.26	5.02	4.42	5.1	3.6	3.0
Louisiana.....	10.30	8.49	8.82	10.94	10.86	12.56	21.3	-1.3	-2.2
Maryland.....	3.76	1.90	2.10	2.02	2.56	2.23	97.4	10.0	5.9
Mississippi.....	3.84	.19	-	-	-	-	NM	-	-
Missouri.....	4.17	2.89	2.72	3.19	3.49	2.69	44.2	4.6	5.0
Montana.....	22.85	22.84	22.96	23.56	22.34	18.99	*	.6	2.1
New Mexico.....	8.50	8.39	7.98	9.37	8.45	6.31	1.3	.2	3.4
North Dakota.....	17.63	17.26	16.77	17.82	17.20	17.64	2.2	.6	*
Ohio.....	3.69	3.40	3.52	3.81	3.69	2.76	8.4	*	3.3
Oklahoma.....	3.75	3.72	3.62	2.55	2.73	2.42	.6	8.3	5.0
Pennsylvania Total.....	2.96	2.72	2.91	2.86	2.72	2.53	8.9	2.1	1.7
Anthracite.....	2.24	1.99	2.23	1.87	2.06	1.51	12.7	2.2	4.5
Bituminous.....	3.32	3.10	3.18	3.28	2.97	2.80	7.1	2.8	1.9
Tennessee.....	2.92	3.04	2.96	3.02	2.91	2.45	-4.1	.1	1.9
Texas.....	9.71	10.08	9.66	10.24	10.13	7.17	-3.6	-1.0	3.4
Virginia.....	3.20	3.73	3.51	3.69	3.79	2.95	-14.3	-4.2	.9
Washington.....	3.85	3.95	4.24	3.59	3.97	3.97	-2.6	-8	-3
West Virginia Total.....	6.43	5.97	5.56	5.71	5.18	4.18	7.8	5.5	4.9
Northern.....	6.43	4.99	4.49	5.54	4.72	3.16	28.8	8.0	8.2
Southern.....	6.43	6.09	5.71	5.73	5.24	4.38	5.6	5.2	4.4
Wyoming.....	38.60	37.78	36.57	35.42	32.84	23.11	2.2	4.1	5.9
<b>Appalachian Total<sup>1</sup>.....</b>	<b>4.64</b>	<b>4.29</b>	<b>4.11</b>	<b>4.26</b>	<b>4.05</b>	<b>3.24</b>	<b>8.3</b>	<b>3.5</b>	<b>4.1</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>7.62</b>	<b>7.17</b>	<b>6.78</b>	<b>7.11</b>	<b>6.89</b>	<b>5.08</b>	<b>6.2</b>	<b>2.5</b>	<b>4.6</b>
<b>Western Total<sup>1</sup>.....</b>	<b>23.27</b>	<b>22.65</b>	<b>21.91</b>	<b>21.78</b>	<b>20.96</b>	<b>15.33</b>	<b>2.8</b>	<b>2.6</b>	<b>4.7</b>
<b>East of Miss. River.....</b>	<b>4.84</b>	<b>4.48</b>	<b>4.31</b>	<b>4.49</b>	<b>4.25</b>	<b>3.49</b>	<b>8.0</b>	<b>3.3</b>	<b>3.7</b>
<b>West of Miss. River.....</b>	<b>20.06</b>	<b>19.57</b>	<b>18.82</b>	<b>18.63</b>	<b>17.89</b>	<b>12.36</b>	<b>2.5</b>	<b>2.9</b>	<b>5.5</b>
<b>U.S. Total.....</b>	<b>11.05</b>	<b>10.39</b>	<b>9.58</b>	<b>9.46</b>	<b>9.05</b>	<b>6.38</b>	<b>6.4</b>	<b>5.1</b>	<b>6.3</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 51. Coal Mining Productivity by State and Mine Type, 2000**

Coal-Producing State and Region	Number of Mining Operations <sup>1</sup>	Average Number of Employees Working Daily <sup>2</sup>	Average Production per Employee per Hour (short tons) <sup>3</sup>
<b>Alabama</b> .....	<b>55</b>	<b>3,303</b>	<b>2.75</b>
Underground .....	17	2,775	2.68
Surface .....	38	528	3.16
<b>Alaska</b> .....	<b>1</b>	<b>119</b>	<b>6.05</b>
Surface .....	1	119	6.05
<b>Arizona</b> .....	<b>3</b>	<b>718</b>	<b>7.15</b>
Surface .....	3	718	7.15
<b>Colorado</b> .....	<b>14</b>	<b>1,835</b>	<b>7.64</b>
Underground .....	10	1,246	7.84
Surface .....	4	589	7.26
<b>Illinois</b> .....	<b>23</b>	<b>3,454</b>	<b>4.32</b>
Underground .....	16	3,105	4.30
Surface .....	7	349	4.47
<b>Indiana</b> .....	<b>37</b>	<b>2,031</b>	<b>5.67</b>
Underground .....	9	511	3.28
Surface .....	28	1,520	6.38
<b>Kansas</b> .....	<b>1</b>	<b>8</b>	<b>11.10</b>
Surface .....	1	8	11.10
<b>Kentucky Total</b> .....	<b>488</b>	<b>15,500</b>	<b>3.96</b>
Underground .....	293	10,888	3.51
Surface .....	195	4,612	4.99
<b>Eastern</b> .....	<b>451</b>	<b>12,990</b>	<b>3.86</b>
Underground .....	273	8,828	3.32
Surface .....	178	4,162	4.91
<b>Western</b> .....	<b>37</b>	<b>2,510</b>	<b>4.46</b>
Underground .....	20	2,060	4.20
Surface .....	17	450	5.78
<b>Louisiana</b> .....	<b>2</b>	<b>172</b>	<b>10.30</b>
Surface .....	2	172	10.30
<b>Maryland</b> .....	<b>13</b>	<b>455</b>	<b>4.41</b>
Underground .....	3	296	4.76
Surface .....	10	159	3.76
<b>Mississippi</b> .....	<b>1</b>	<b>108</b>	<b>3.84</b>
Surface .....	1	108	3.84
<b>Missouri</b> .....	<b>2</b>	<b>43</b>	<b>4.17</b>
Surface .....	2	43	4.17
<b>Montana</b> .....	<b>6</b>	<b>867</b>	<b>22.85</b>
Surface .....	6	867	22.85
<b>New Mexico</b> .....	<b>6</b>	<b>1,600</b>	<b>8.50</b>
Surface .....	6	1,600	8.50
<b>North Dakota</b> .....	<b>4</b>	<b>896</b>	<b>17.63</b>
Surface .....	4	896	17.63
<b>Ohio</b> .....	<b>61</b>	<b>2,688</b>	<b>3.55</b>
Underground .....	14	1,526	3.45
Surface .....	47	1,162	3.69
<b>Oklahoma</b> .....	<b>7</b>	<b>179</b>	<b>3.49</b>
Underground .....	1	40	2.52
Surface .....	6	139	3.75
<b>Pennsylvania Total</b> .....	<b>293</b>	<b>7,905</b>	<b>4.32</b>
Underground .....	89	5,281	4.97
Surface .....	204	2,624	2.96
<b>Anthracite</b> .....	<b>98</b>	<b>1,070</b>	<b>1.97</b>
Underground .....	24	201	.63
Surface .....	74	869	2.24
<b>Bituminous</b> .....	<b>195</b>	<b>6,835</b>	<b>4.68</b>
Underground .....	65	5,080	5.12
Surface .....	130	1,755	3.32
<b>Tennessee</b> .....	<b>25</b>	<b>465</b>	<b>2.85</b>
Underground .....	15	278	2.80
Surface .....	10	187	2.92
<b>Texas</b> .....	<b>14</b>	<b>2,435</b>	<b>9.71</b>
Surface .....	14	2,435	9.71
<b>Utah</b> .....	<b>15</b>	<b>1,645</b>	<b>7.68</b>
Underground .....	15	1,645	7.68
<b>Virginia</b> .....	<b>186</b>	<b>5,203</b>	<b>3.14</b>
Underground .....	121	3,715	3.12
Surface .....	65	1,488	3.20
<b>Washington</b> .....	<b>1</b>	<b>512</b>	<b>3.85</b>
Surface .....	1	512	3.85
<b>West Virginia Total</b> .....	<b>378</b>	<b>15,012</b>	<b>4.92</b>
Underground .....	252	10,996	4.30
Surface .....	126	4,016	6.43

See footnotes at end of table.



**Table 51. Coal Mining Productivity by State and Mine Type, 2000 (Continued)**

Coal-Producing State and Region	Number of Mining Operations <sup>1</sup>	Average Number of Employees Working Daily <sup>2</sup>	Average Production per Employee per Hour (short tons) <sup>3</sup>
<b>Northern</b> .....	<b>78</b>	<b>3,712</b>	<b>4.77</b>
Underground.....	48	3,316	4.58
Surface.....	30	396	6.43
<b>Southern</b> .....	<b>300</b>	<b>11,300</b>	<b>4.97</b>
Underground.....	204	7,680	4.18
Surface.....	96	3,620	6.43
<b>Wyoming</b> .....	<b>21</b>	<b>4,369</b>	<b>38.29</b>
Underground.....	1	50	11.61
Surface.....	20	4,319	38.60
<b>Appalachian Total</b> <sup>4</sup> .....	<b>1,462</b>	<b>48,021</b>	<b>4.10</b>
Underground.....	784	33,695	3.85
Surface.....	678	14,326	4.64
<b>Interior Total</b> <sup>4</sup> .....	<b>124</b>	<b>10,940</b>	<b>5.81</b>
Underground.....	46	5,716	4.16
Surface.....	78	5,224	7.62
<b>Western Total</b> <sup>4</sup> .....	<b>71</b>	<b>12,561</b>	<b>19.63</b>
Underground.....	26	2,941	7.81
Surface.....	45	9,620	23.27
<b>East of Miss. River</b> .....	<b>1,560</b>	<b>56,124</b>	<b>4.19</b>
Underground.....	829	39,371	3.90
Surface.....	731	16,753	4.84
<b>West of Miss. River</b> .....	<b>97</b>	<b>15,398</b>	<b>17.67</b>
Underground.....	27	2,981	7.73
Surface.....	70	12,417	20.06
<b>U.S. Total</b> .....	<b>1,657</b>	<b>71,522</b>	<b>7.02</b>
Underground.....	856	42,352	4.17
Surface.....	801	29,170	11.05

<sup>1</sup> Mining operations that consist of a mine and preparation plant, or a preparation plant only processing both underground and surface coal will be counted as two operations.

<sup>2</sup> Includes all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers.

<sup>3</sup> Calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers.

<sup>4</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons of coal during the year, and preparation plants with less than 5,000 employee hours, which are not required to provide data.

**Table 52. Underground Coal Mining Productivity by State and Mining Method, 2000**  
(Short Tons of Coal Produced per Employee per Hour)

Coal-Producing State and Region	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>	Total
Alabama .....	1.22	-	2.72	-	2.68
Colorado .....	3.62	-	8.53	5.53	7.84
Illinois .....	4.28	-	4.33	-	4.30
Indiana .....	3.28	-	-	-	3.28
Kentucky Total .....	3.43	2.60	4.49	1.89	3.51
Eastern .....	3.31	2.60	5.11	1.89	3.32
Western .....	4.04	-	4.48	-	4.20
Maryland .....	3.57	-	5.10	-	4.76
Ohio .....	3.96	-	3.30	-	3.45
Oklahoma .....	2.52	-	-	-	2.52
Pennsylvania Total .....	3.11	.59	5.68	.63	4.97
Anthracite .....	.64	.59	-	.63	.63
Bituminous .....	3.25	-	5.68	-	5.12
Tennessee .....	2.80	-	-	-	2.80
Utah .....	3.79	-	8.66	-	7.68
Virginia .....	2.55	-	7.33	2.08	3.12
West Virginia Total .....	3.86	3.43	5.22	3.39	4.30
Northern .....	3.42	-	5.36	-	4.58
Southern .....	3.95	3.43	5.08	3.39	4.18
Wyoming .....	-	-	11.60	-	11.60
<b>Appalachian Total<sup>5</sup> .....</b>	<b>3.37</b>	<b>2.68</b>	<b>4.67</b>	<b>2.74</b>	<b>3.85</b>
<b>Interior Total<sup>5</sup> .....</b>	<b>4.04</b>	<b>-</b>	<b>4.38</b>	<b>-</b>	<b>4.16</b>
<b>Western Total<sup>5</sup> .....</b>	<b>3.76</b>	<b>-</b>	<b>8.67</b>	<b>5.53</b>	<b>7.81</b>
<b>East of Miss. River .....</b>	<b>3.49</b>	<b>2.68</b>	<b>4.62</b>	<b>2.74</b>	<b>3.90</b>
<b>West of Miss. River .....</b>	<b>3.63</b>	<b>-</b>	<b>8.67</b>	<b>5.53</b>	<b>7.73</b>
<b>U.S. Total .....</b>	<b>3.52</b>	<b>2.68</b>	<b>5.10</b>	<b>3.57</b>	<b>4.17</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: For each State, stand alone preparation plant hours are distributed across the mining methods by the proportion of production for all stand alone mines. Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes mines producing less than 10,000 short tons of coal during the year, and preparation plants with less than 5,000 employee hours, which are not required to provide data.

**Table 53. U.S. Coal Mining Productivity by Coalbed Thickness and Mining Method, 2000**  
(Short Tons of Coal Produced per Employee per Hour)

Coalbed Thickness (inches)	Underground				Surface	Total
	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>		
< 7	-	-	-	-	2.41	2.41
7-12	-	-	-	-	5.06	5.06
13-18	-	-	-	-	5.61	5.61
19-24	2.06	1.80	-	-	6.12	6.04
25-30	2.35	2.46	-	-	5.77	5.43
31-36	3.18	3.11	-	1.80	5.62	4.72
37-42	3.98	5.83	-	-	6.34	5.41
43-48	3.71	-	3.54	1.96	5.32	4.47
49-54	4.33	4.04	3.42	2.52	7.15	5.48
55-60	4.63	3.93	4.23	-	10.44	7.44
61-66	3.68	-	5.76	-	7.42	5.90
67-72	4.59	1.38	5.89	-	8.36	6.55
73-78	4.56	1.34	5.19	3.87	5.48	5.11
79-84	3.97	1.31	5.66	-	7.01	6.16
85-90	5.47	-	6.37	-	9.02	8.12
91-96	4.55	-	4.20	-	7.99	6.40
97-102	8.30	-	15.45	-	6.57	7.77
103-108	5.66	-	9.79	5.53	9.36	8.68
109-114	11.28	-	-	-	9.48	9.63
115-120	7.22	-	9.26	-	7.68	7.92
> 120	3.40	1.55	6.99	-	20.83	19.37
<b>U.S. Total<sup>5</sup></b>	<b>3.52</b>	<b>2.68</b>	<b>5.10</b>	<b>3.57</b>	<b>11.05</b>	<b>7.02</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>5</sup> Includes stand alone preparation plants.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 54. Coal Mining Productivity by State, Mine Type, and Mine Production Range, 2000**

(Short Tons of Coal Produced per Employee per Hour)

Coal-Producing State and Region	Mine Production Range (thousand short tons)						Total <sup>1</sup>
	1,000 and over	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	
<b>Alabama</b> .....	<b>2.88</b>	–	<b>3.67</b>	<b>3.19</b>	<b>3.55</b>	<b>1.87</b>	<b>2.75</b>
Underground.....	2.88	–	–	1.75	1.62	.69	2.68
Surface.....	–	–	3.67	3.54	4.16	2.39	3.16
<b>Alaska</b> .....	<b>6.05</b>	–	–	–	–	–	<b>6.05</b>
Surface.....	6.05	–	–	–	–	–	6.05
<b>Arizona</b> .....	<b>7.42</b>	–	–	–	–	–	<b>7.15</b>
Surface.....	7.42	–	–	–	–	–	7.15
<b>Colorado</b> .....	<b>8.06</b>	–	<b>6.13</b>	<b>2.65</b>	–	–	<b>7.64</b>
Underground.....	8.42	–	7.67	2.65	–	–	7.84
Surface.....	7.37	–	5.25	–	–	–	7.26
<b>Illinois</b> .....	<b>4.38</b>	<b>5.69</b>	–	–	<b>5.72</b>	–	<b>4.32</b>
Underground.....	4.39	6.22	–	–	–	–	4.30
Surface.....	4.22	5.35	–	–	5.72	–	4.47
<b>Indiana</b> .....	<b>5.91</b>	<b>6.58</b>	<b>5.41</b>	<b>1.70</b>	<b>6.53</b>	<b>1.95</b>	<b>5.67</b>
Underground.....	3.84	–	4.45	1.28	–	.94	3.28
Surface.....	6.52	6.58	6.01	2.31	6.53	5.36	6.38
<b>Kansas</b> .....	–	–	<b>11.10</b>	–	–	–	<b>11.10</b>
Surface.....	–	–	11.10	–	–	–	11.10
<b>Kentucky Total</b> .....	<b>5.48</b>	<b>4.95</b>	<b>3.94</b>	<b>3.17</b>	<b>2.89</b>	<b>2.74</b>	<b>3.96</b>
Underground.....	4.78	4.44	3.77	2.82	2.60	2.42	3.51
Surface.....	7.01	5.90	4.33	4.17	3.77	3.27	4.99
<b>Eastern</b> .....	<b>5.76</b>	<b>4.90</b>	<b>3.90</b>	<b>3.09</b>	<b>2.89</b>	<b>2.71</b>	<b>3.86</b>
Underground.....	4.69	4.44	3.77	2.76	2.60	2.42	3.32
Surface.....	6.90	5.89	4.23	4.16	3.77	3.22	4.91
<b>Western</b> .....	<b>5.01</b>	<b>5.34</b>	<b>4.86</b>	<b>4.28</b>	–	<b>5.20</b>	<b>4.46</b>
Underground.....	4.85	4.45	3.92	4.34	–	–	4.20
Surface.....	10.29	5.94	5.55	4.24	–	5.20	5.78
<b>Louisiana</b> .....	<b>10.32</b>	<b>10.22</b>	–	–	–	–	<b>10.30</b>
Surface.....	10.32	10.22	–	–	–	–	10.30
<b>Maryland</b> .....	<b>5.80</b>	<b>3.90</b>	<b>4.34</b>	–	<b>2.15</b>	<b>2.68</b>	<b>4.41</b>
Underground.....	5.80	3.90	–	–	–	–	4.76
Surface.....	–	–	4.34	–	2.15	2.68	3.76
<b>Mississippi</b> .....	–	3.84	–	–	–	–	3.84
Surface.....	–	3.84	–	–	–	–	3.84
<b>Missouri</b> .....	–	–	<b>2.82</b>	<b>11.53</b>	–	–	<b>4.17</b>
Surface.....	–	–	2.82	11.53	–	–	4.17
<b>Montana</b> .....	<b>22.91</b>	–	<b>18.25</b>	–	–	–	<b>22.85</b>
Surface.....	22.91	–	18.25	–	–	–	22.85
<b>New Mexico</b> .....	<b>8.50</b>	–	–	–	–	–	<b>8.50</b>
Surface.....	8.50	–	–	–	–	–	8.50
<b>North Dakota</b> .....	<b>17.63</b>	–	–	–	–	–	<b>17.63</b>
Surface.....	17.63	–	–	–	–	–	17.63
<b>Ohio</b> .....	<b>3.45</b>	<b>4.87</b>	<b>4.37</b>	<b>3.44</b>	<b>1.42</b>	<b>2.00</b>	<b>3.55</b>
Underground.....	3.47	6.65	4.33	3.91	–	–	3.45
Surface.....	3.23	4.70	4.37	3.39	1.42	2.00	3.69
<b>Oklahoma</b> .....	–	<b>4.31</b>	<b>3.59</b>	<b>3.63</b>	<b>2.44</b>	<b>.54</b>	<b>3.49</b>
Underground.....	–	–	2.52	–	–	–	2.52
Surface.....	–	4.31	4.93	3.63	2.44	.54	3.75
<b>Pennsylvania Total</b> .....	<b>6.03</b>	<b>3.74</b>	<b>3.94</b>	<b>3.59</b>	<b>2.99</b>	<b>2.74</b>	<b>4.32</b>
Underground.....	6.03	3.28	4.25	3.06	1.66	1.87	4.97
Surface.....	–	4.36	3.79	3.94	3.26	2.88	2.96
<b>Anthracite</b> .....	–	<b>29.85</b>	<b>3.89</b>	<b>2.14</b>	<b>2.76</b>	<b>2.46</b>	<b>1.97</b>
Underground.....	–	–	–	1.75	–	1.47	.63
Surface.....	–	29.85	3.89	2.42	2.76	2.67	2.24
<b>Bituminous</b> .....	<b>6.03</b>	<b>3.33</b>	<b>3.96</b>	<b>3.88</b>	<b>3.07</b>	<b>2.97</b>	<b>4.68</b>
Underground.....	6.03	3.28	4.25	3.34	1.66	2.43	5.12
Surface.....	–	3.41	3.75	4.24	3.50	3.03	3.32
<b>Tennessee</b> .....	–	–	<b>3.69</b>	<b>3.44</b>	<b>2.40</b>	<b>1.74</b>	<b>2.85</b>
Underground.....	–	–	4.00	3.44	2.40	1.26	2.80
Surface.....	–	–	3.45	–	–	1.99	2.92
<b>Texas</b> .....	<b>9.89</b>	–	<b>6.29</b>	<b>1.91</b>	–	–	<b>9.71</b>
Surface.....	9.89	–	6.29	1.91	–	–	9.71
<b>Utah</b> .....	<b>8.88</b>	<b>3.61</b>	<b>4.28</b>	–	–	–	<b>7.68</b>
Underground.....	8.88	3.61	4.28	–	–	–	7.68
<b>Virginia</b> .....	<b>7.32</b>	<b>3.91</b>	<b>3.45</b>	<b>2.95</b>	<b>2.44</b>	<b>2.04</b>	<b>3.14</b>
Underground.....	7.33	3.45	3.14	2.83	2.27	1.93	3.12
Surface.....	7.24	4.83	4.30	3.39	3.10	2.48	3.20

See footnotes at end of table.

**Table 54. Coal Mining Productivity by State, Mine Type, and Mine Production Range, 2000**  
**(Continued)**  
 (Short Tons of Coal Produced per Employee per Hour)

Coal-Producing State and Region	Mine Production Range (thousand short tons)						Total <sup>1</sup>
	1,000 and over	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	
<b>Washington</b> .....	<b>3.85</b>	–	–	–	–	–	<b>3.85</b>
Surface .....	3.85	–	–	–	–	–	3.85
<b>West Virginia Total</b> .....	<b>6.50</b>	<b>5.52</b>	<b>4.44</b>	<b>3.65</b>	<b>2.93</b>	<b>2.58</b>	<b>4.92</b>
Underground.....	5.69	4.81	4.22	3.34	2.73	2.38	4.30
Surface .....	8.07	7.29	5.64	4.80	4.08	3.00	6.43
<b>Northern</b> .....	<b>5.65</b>	<b>5.00</b>	<b>3.86</b>	<b>3.72</b>	<b>2.73</b>	<b>3.20</b>	<b>4.77</b>
Underground.....	5.30	4.48	3.85	3.82	2.30	3.74	4.58
Surface .....	11.18	14.98	3.92	3.53	3.55	2.96	6.43
<b>Southern</b> .....	<b>6.87</b>	<b>5.69</b>	<b>4.56</b>	<b>3.64</b>	<b>3.04</b>	<b>2.40</b>	<b>4.97</b>
Underground.....	5.99	4.97	4.29	3.28	2.88	2.23	4.18
Surface .....	7.89	6.95	5.84	5.12	5.80	3.03	6.43
<b>Wyoming</b> .....	<b>39.23</b>	<b>4.91</b>	<b>8.10</b>	–	–	<b>1.45</b>	<b>38.29</b>
Underground.....	11.61	–	–	–	–	–	11.61
Surface .....	39.57	4.91	8.10	–	–	1.45	38.60
<b>Appalachian Total</b> <sup>2</sup> .....	<b>5.56</b>	<b>4.84</b>	<b>3.98</b>	<b>3.31</b>	<b>2.79</b>	<b>2.48</b>	<b>4.10</b>
Underground.....	5.02	4.35	3.84	2.97	2.50	2.17	3.85
Surface .....	7.46	5.76	4.22	3.93	3.26	2.80	4.64
<b>Interior Total</b> <sup>2</sup> .....	<b>6.25</b>	<b>5.75</b>	<b>4.73</b>	<b>3.32</b>	<b>4.23</b>	<b>1.75</b>	<b>5.81</b>
Underground.....	4.51	5.02	3.60	2.74	–	.94	4.16
Surface .....	8.47	5.93	5.37	3.56	4.23	2.41	7.62
<b>Western Total</b> <sup>2</sup> .....	<b>20.55</b>	<b>3.88</b>	<b>6.25</b>	<b>2.65</b>	–	<b>1.45</b>	<b>19.63</b>
Underground.....	8.73	3.61	4.82	2.65	–	–	7.81
Surface .....	23.64	4.91	8.15	–	–	1.45	23.27
<b>East of Miss. River</b> .....	<b>5.39</b>	<b>4.95</b>	<b>4.01</b>	<b>3.30</b>	<b>2.82</b>	<b>2.48</b>	<b>4.19</b>
Underground.....	4.89	4.38	3.84	2.96	2.50	2.13	3.90
Surface .....	7.13	5.78	4.28	3.91	3.32	2.83	4.84
<b>West of Miss. River</b> .....	<b>18.68</b>	<b>4.54</b>	<b>5.36</b>	<b>3.13</b>	<b>2.44</b>	<b>.96</b>	<b>17.67</b>
Underground.....	8.73	3.61	4.18	2.65	–	–	7.73
Surface .....	20.73	5.92	6.35	3.46	2.44	.96	20.06
<b>U.S. Total</b> .....	<b>10.06</b>	<b>4.93</b>	<b>4.06</b>	<b>3.30</b>	<b>2.82</b>	<b>2.46</b>	<b>7.02</b>
Underground.....	5.30	4.35	3.85	2.95	2.50	2.13	4.17
Surface .....	16.19	5.79	4.39	3.88	3.30	2.76	11.05

<sup>1</sup> Includes stand alone preparation plants.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

Source: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data.

**Table 55. Coal Mining Productivity by State, Mine Type, and Union Type, 2000**  
(Short Tons of Coal Produced per Employee per Hour)

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Alabama</b> .....	<b>2.81</b>	—	<b>2.81</b>	<b>2.53</b>	<b>2.75</b>
Underground.....	2.82	—	2.82	.55	2.68
Surface.....	—	—	—	3.25	3.16
<b>Alaska</b> .....	—	—	—	<b>6.05</b>	<b>6.05</b>
Surface.....	—	—	—	6.05	6.05
<b>Arizona</b> .....	<b>7.15</b>	—	<b>7.15</b>	—	<b>7.15</b>
Surface.....	7.15	—	7.15	—	7.15
<b>Colorado</b> .....	<b>8.67</b>	<b>6.74</b>	<b>8.29</b>	<b>7.21</b>	<b>7.64</b>
Underground.....	9.12	—	9.12	7.06	7.84
Surface.....	7.09	6.74	6.91	7.55	7.26
<b>Illinois</b> .....	<b>3.87</b>	<b>4.06</b>	<b>3.91</b>	<b>4.83</b>	<b>4.32</b>
Underground.....	3.92	4.38	3.98	4.69	4.30
Surface.....	2.91	3.66	3.41	6.11	4.47
<b>Indiana</b> .....	<b>6.05</b>	—	<b>6.05</b>	<b>5.61</b>	<b>5.67</b>
Underground.....	—	—	—	3.28	3.28
Surface.....	6.05	—	6.05	6.45	6.38
<b>Kansas</b> .....	—	—	—	<b>11.10</b>	<b>11.10</b>
Surface.....	—	—	—	11.10	11.10
<b>Kentucky Total</b> .....	<b>3.88</b>	—	<b>3.88</b>	<b>3.97</b>	<b>3.96</b>
Underground.....	3.91	—	3.91	3.45	3.51
Surface.....	3.51	—	3.51	5.01	4.99
<b>Eastern</b> .....	<b>2.41</b>	—	<b>2.41</b>	<b>3.87</b>	<b>3.86</b>
Underground.....	2.82	—	2.82	3.33	3.32
Surface.....	—	—	—	4.93	4.91
<b>Western</b> .....	<b>4.03</b>	—	<b>4.03</b>	<b>4.85</b>	<b>4.46</b>
Underground.....	4.00	—	4.00	4.44	4.20
Surface.....	4.62	—	4.62	5.96	5.78
<b>Louisiana</b> .....	—	—	—	<b>10.30</b>	<b>10.30</b>
Surface.....	—	—	—	10.30	10.30
<b>Maryland</b> .....	—	—	—	<b>4.41</b>	<b>4.41</b>
Underground.....	—	—	—	4.76	4.76
Surface.....	—	—	—	3.76	3.76
<b>Mississippi</b> .....	—	—	—	3.84	3.84
Surface.....	—	—	—	3.84	3.84
<b>Missouri</b> .....	—	—	—	<b>4.17</b>	<b>4.17</b>
Surface.....	—	—	—	4.17	4.17
<b>Montana</b> .....	<b>19.66</b>	<b>18.94</b>	<b>19.23</b>	<b>41.61</b>	<b>22.85</b>
Surface.....	19.66	18.94	19.23	41.61	22.85
<b>New Mexico</b> .....	<b>6.48</b>	<b>9.51</b>	<b>8.38</b>	<b>9.06</b>	<b>8.50</b>
Surface.....	6.48	9.51	8.38	9.06	8.50
<b>North Dakota</b> .....	<b>9.84</b>	<b>20.42</b>	<b>14.68</b>	<b>18.83</b>	<b>17.63</b>
Surface.....	9.84	20.42	14.68	18.83	17.63
<b>Ohio</b> .....	<b>3.30</b>	—	<b>3.30</b>	<b>3.82</b>	<b>3.55</b>
Underground.....	3.34	—	3.34	3.83	3.45
Surface.....	3.06	—	3.06	3.81	3.69
<b>Oklahoma</b> .....	—	—	—	<b>3.49</b>	<b>3.49</b>
Underground.....	—	—	—	2.52	2.52
Surface.....	—	—	—	3.75	3.75
<b>Pennsylvania Total</b> .....	<b>3.92</b>	<b>.72</b>	<b>3.90</b>	<b>4.72</b>	<b>4.32</b>
Underground.....	4.35	—	4.34	5.99	4.97
Surface.....	1.06	1.40	1.07	3.44	2.96
<b>Anthracite</b> .....	<b>.82</b>	<b>4.92</b>	<b>.84</b>	<b>2.83</b>	<b>1.97</b>
Underground.....	—	—	—	.63	.63
Surface.....	.82	4.92	.84	3.79	2.24
<b>Bituminous</b> .....	<b>4.33</b>	—	<b>4.31</b>	<b>5.03</b>	<b>4.68</b>
Underground.....	4.35	—	4.34	6.49	5.12
Surface.....	3.04	—	2.67	3.35	3.32
<b>Tennessee</b> .....	—	—	—	<b>2.85</b>	<b>2.85</b>
Underground.....	—	—	—	2.80	2.80
Surface.....	—	—	—	2.92	2.92
<b>Texas</b> .....	—	<b>9.61</b>	<b>9.61</b>	<b>9.91</b>	<b>9.71</b>
Surface.....	—	9.61	9.61	9.91	9.71
<b>Utah</b> .....	<b>9.10</b>	<b>3.71</b>	<b>7.84</b>	<b>7.60</b>	<b>7.68</b>
Underground.....	9.10	3.71	7.84	7.60	7.68
<b>Virginia</b> .....	<b>3.48</b>	<b>3.54</b>	<b>3.49</b>	<b>3.07</b>	<b>3.14</b>
Underground.....	3.48	2.77	3.34	3.06	3.12
Surface.....	—	5.40	5.28	3.10	3.20
<b>Washington</b> .....	—	<b>3.85</b>	<b>3.85</b>	—	<b>3.85</b>
Surface.....	—	3.85	3.85	—	3.85
<b>West Virginia Total</b> .....	<b>4.58</b>	—	<b>4.55</b>	<b>5.17</b>	<b>4.92</b>
Underground.....	4.20	—	4.20	4.39	4.30
Surface.....	6.02	—	5.82	6.70	6.43

See footnotes at end of table.

**Table 55. Coal Mining Productivity by State, Mine Type, and Union Type, 2000 (Continued)**  
(Short Tons of Coal Produced per Employee per Hour)

Coal-Producing State and Region	UMWA	Other Unions	Union Total	Nonunion	Total
<b>Northern</b> .....	<b>5.32</b>	—	<b>5.32</b>	<b>4.09</b>	<b>4.77</b>
Underground .....	5.32	—	5.32	3.37	4.58
Surface .....	—	—	—	6.43	6.43
<b>Southern</b> .....	<b>4.22</b>	—	<b>4.16</b>	<b>5.42</b>	<b>4.97</b>
Underground .....	3.39	—	3.38	4.67	4.18
Surface .....	6.02	—	5.82	6.74	6.43
<b>Wyoming</b> .....	<b>7.78</b>	<b>8.30</b>	<b>8.11</b>	<b>43.69</b>	<b>38.29</b>
Underground .....	—	—	—	11.61	11.61
Surface .....	7.78	8.30	8.11	44.14	38.60
<b>Appalachian Total</b> <sup>1</sup> .....	<b>3.90</b>	<b>2.70</b>	<b>3.88</b>	<b>4.20</b>	<b>4.10</b>
Underground .....	3.83	2.48	3.81	3.88	3.85
Surface .....	4.36	3.02	4.29	4.70	4.64
<b>Interior Total</b> <sup>1</sup> .....	<b>4.15</b>	<b>8.59</b>	<b>5.82</b>	<b>5.79</b>	<b>5.81</b>
Underground .....	3.96	4.38	3.99	4.34	4.16
Surface .....	5.32	9.07	8.29	7.16	7.62
<b>Western Total</b> <sup>1</sup> .....	<b>8.94</b>	<b>9.62</b>	<b>9.25</b>	<b>27.99</b>	<b>19.63</b>
Underground .....	9.11	3.71	8.41	7.49	7.81
Surface .....	8.86	9.95	9.44	35.75	23.27
<b>East of Miss. River</b> .....	<b>3.95</b>	<b>3.46</b>	<b>3.93</b>	<b>4.32</b>	<b>4.19</b>
Underground .....	3.85	3.51	3.85	3.94	3.90
Surface .....	4.54	3.39	4.43	4.92	4.84
<b>West of Miss. River</b> .....	<b>8.94</b>	<b>9.62</b>	<b>9.33</b>	<b>25.02</b>	<b>17.67</b>
Underground .....	9.11	3.71	8.41	7.37	7.73
Surface .....	8.86	9.81	9.49	30.53	20.06
<b>U.S. Total</b> .....	<b>4.65</b>	<b>8.78</b>	<b>5.41</b>	<b>7.92</b>	<b>7.02</b>
Underground .....	4.14	3.56	4.12	4.20	4.17
Surface .....	6.50	9.39	7.89	12.38	11.05

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

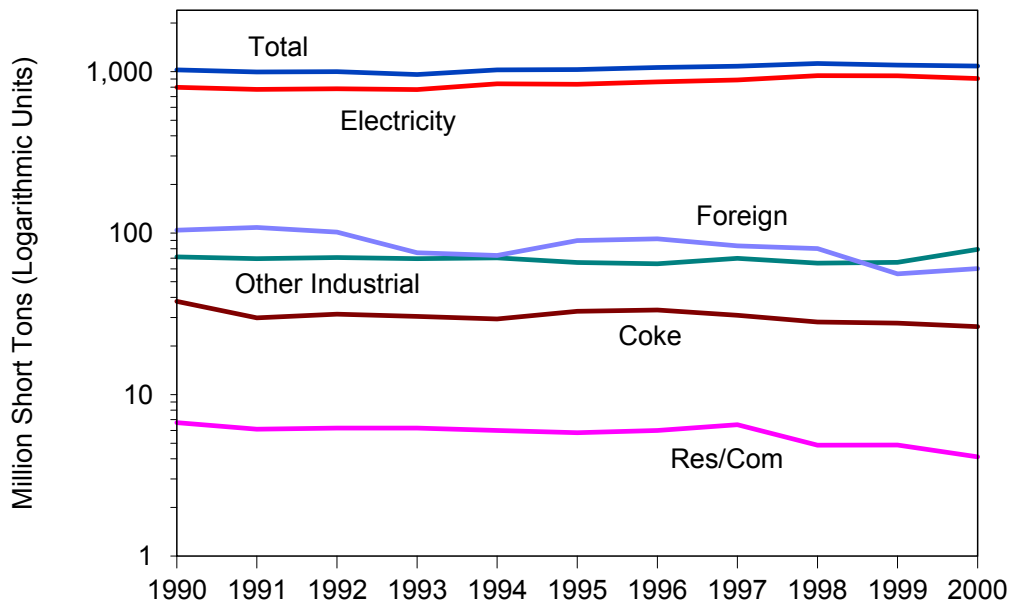
Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons and preparation plants with less than 5,000 employee hours, which are not required to provide data. See Glossary for listing of other unions.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

# Distribution



**Figure 8. Coal Distribution, 1990-2000**



Source: Energy Information Administration, Form EIA-6, "Coal Distribution Report."

**Table 56. Distribution of U.S. Coal by State of Origin, 1996-2000**  
(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
Alabama .....	20,293	19,297	23,046	23,921	24,636	5.2	-4.7
Alaska .....	1,580	1,573	1,341	1,424	1,473	.5	1.8
Arizona .....	12,986	12,623	12,169	11,044	10,970	2.9	4.3
Arkansas .....	11	22	23	9	7	-52.4	11.2
Colorado .....	29,413	30,017	29,294	26,968	25,405	-2.0	3.7
Illinois .....	32,424	40,167	39,754	41,220	47,076	-19.3	-8.9
Indiana .....	28,285	34,215	36,774	34,810	29,674	-17.3	-1.2
Kansas .....	201	408	440	434	245	-50.7	-4.8
Kentucky Total .....	133,756	138,632	153,102	152,746	152,891	-3.5	-3.3
Eastern .....	107,077	108,922	120,227	119,196	117,404	-1.7	-2.3
Western .....	26,678	29,710	32,876	33,550	35,487	-10.2	-6.9
Louisiana .....	3,704	2,952	3,331	3,545	3,222	25.5	3.5
Maryland .....	4,738	3,875	4,066	4,116	4,199	22.3	3.1
Mississippi .....	11	18	-	-	-	-41.9	-
Missouri .....	436	392	296	401	846	11.2	-15.3
Montana .....	38,343	41,332	42,674	40,942	38,288	-7.2	*
New Mexico .....	27,136	28,450	28,026	27,377	25,043	-4.6	2.0
North Dakota .....	31,148	30,938	30,557	29,172	30,025	.7	.9
Ohio .....	22,461	23,074	27,166	29,434	28,881	-2.7	-6.1
Oklahoma .....	1,588	1,657	1,731	1,688	2,216	-4.2	-8.0
Pennsylvania Total .....	74,901	75,669	80,525	73,725	69,128	-1.0	2.0
Anthracite .....	4,276	4,580	4,887	5,062	4,836	-6.6	-3.0
Bituminous .....	70,625	71,089	75,637	68,664	64,291	-6	2.4
Tennessee .....	2,665	3,155	2,741	3,080	3,052	-15.5	-3.3
Texas .....	48,877	53,075	52,935	53,463	49,655	-7.9	-4
Utah .....	27,956	25,715	26,765	26,272	23,868	8.7	4.0
Virginia .....	34,190	31,634	33,539	35,577	36,208	8.1	-1.4
Washington .....	4,270	4,074	4,622	4,495	4,569	4.8	-1.7
West Virginia Total .....	161,452	157,730	172,612	172,236	169,200	2.4	-1.2
Northern .....	39,389	39,512	44,784	46,316	46,436	-.3	-4.0
Southern .....	122,063	118,219	127,828	125,920	122,764	3.3	-.1
Wyoming .....	339,129	337,027	314,891	280,795	279,117	.6	5.0
<b>Appalachian Total<sup>1</sup> .....</b>	<b>427,778</b>	<b>423,357</b>	<b>463,922</b>	<b>461,287</b>	<b>452,707</b>	<b>1.0</b>	<b>-1.4</b>
<b>Interior Total<sup>1</sup> .....</b>	<b>142,215</b>	<b>162,616</b>	<b>168,160</b>	<b>169,119</b>	<b>168,427</b>	<b>-12.5</b>	<b>-4.1</b>
<b>Western Total<sup>1</sup> .....</b>	<b>511,960</b>	<b>511,748</b>	<b>490,339</b>	<b>448,490</b>	<b>438,758</b>	<b>*</b>	<b>3.9</b>
<b>East of Miss. River .....</b>	<b>515,176</b>	<b>527,467</b>	<b>573,325</b>	<b>570,866</b>	<b>564,944</b>	<b>-2.3</b>	<b>-2.3</b>
<b>West of Miss. River .....</b>	<b>566,777</b>	<b>570,254</b>	<b>549,096</b>	<b>508,030</b>	<b>494,948</b>	<b>-6</b>	<b>3.4</b>
<b>U.S. Total .....</b>	<b>1,081,954</b>	<b>1,097,721</b>	<b>1,122,421</b>	<b>1,078,896</b>	<b>1,059,892</b>	<b>-1.4</b>	<b>.5</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

Notes: See Technical Note 1 for the difference between production and distribution. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

**Table 57. Domestic and Foreign Distribution of U.S. Coal by State of Origin, 1996-2000**  
(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Domestic</b>							
Alabama .....	15,486	15,990	18,245	18,108	19,772	-3.1	-5.9
Alaska .....	847	1,036	970	743	697	-18.3	5.0
Arizona .....	12,986	12,623	12,169	11,044	10,970	2.9	4.3
Arkansas .....	11	22	23	9	7	-52.4	11.2
Colorado .....	28,314	28,198	27,541	25,445	23,990	.4	4.2
Illinois .....	32,424	40,102	39,447	40,447	45,190	-19.1	-8.0
Indiana .....	28,285	34,215	36,774	34,805	29,664	-17.3	-1.2
Kansas .....	201	408	440	434	245	-50.7	-4.8
Kentucky Total .....	129,374	133,997	146,171	145,526	143,748	-3.4	-2.6
Eastern .....	102,794	104,287	113,842	112,496	108,927	-1.4	-1.4
Western .....	26,580	29,710	32,329	33,030	34,821	-10.5	-6.5
Louisiana .....	3,704	2,952	3,331	3,545	3,222	25.5	3.5
Maryland .....	4,535	3,875	4,058	3,880	3,555	17.0	6.3
Mississippi .....	11	18	-	-	-	-41.9	-
Missouri .....	436	392	296	401	846	11.2	-15.3
Montana .....	37,735	40,649	41,860	40,363	37,770	-7.2	*
New Mexico .....	27,136	28,450	28,026	27,352	25,035	-4.6	2.0
North Dakota .....	31,148	30,938	30,557	29,172	30,025	.7	.9
Ohio .....	22,350	23,068	26,503	29,024	28,609	-3.1	-6.0
Oklahoma .....	1,588	1,657	1,731	1,688	2,136	-4.2	-7.1
Pennsylvania Total .....	67,079	68,703	72,616	65,027	59,882	-2.4	2.9
Anthracite .....	4,051	4,365	4,445	4,575	4,330	-7.2	-1.6
Bituminous .....	63,027	64,338	68,172	60,452	55,552	-2.0	3.2
Tennessee .....	2,615	3,151	2,741	3,080	3,052	-17.0	-3.8
Texas .....	48,821	52,903	52,913	53,463	49,538	-7.7	-4
Utah .....	24,883	23,402	24,229	22,857	18,563	6.3	7.6
Virginia .....	24,785	22,865	20,728	22,736	22,776	8.4	2.1
Washington .....	4,270	4,074	4,622	4,481	4,526	4.8	-1.4
West Virginia Total .....	138,240	134,882	135,082	133,777	127,156	2.5	2.1
Northern .....	36,379	37,259	40,410	41,494	40,398	-2.4	-2.6
Southern .....	101,861	97,624	94,671	92,284	86,757	4.3	4.1
Wyoming .....	334,349	333,253	311,162	278,255	276,723	.3	4.8
<b>Appalachian Total<sup>1</sup> .....</b>	<b>377,885</b>	<b>376,820</b>	<b>393,814</b>	<b>388,130</b>	<b>373,728</b>	<b>.3</b>	<b>.3</b>
<b>Interior Total<sup>1</sup> .....</b>	<b>142,060</b>	<b>162,379</b>	<b>167,285</b>	<b>167,821</b>	<b>165,668</b>	<b>-12.5</b>	<b>-3.8</b>
<b>Western Total<sup>1</sup> .....</b>	<b>501,667</b>	<b>502,623</b>	<b>481,137</b>	<b>439,713</b>	<b>428,297</b>	<b>-2</b>	<b>4.0</b>
<b>East of Miss. River .....</b>	<b>465,185</b>	<b>480,866</b>	<b>502,364</b>	<b>496,412</b>	<b>483,402</b>	<b>-3.3</b>	<b>-1.0</b>
<b>West of Miss. River .....</b>	<b>556,427</b>	<b>560,957</b>	<b>539,872</b>	<b>499,252</b>	<b>484,291</b>	<b>-8</b>	<b>3.5</b>
<b>U.S. Total .....</b>	<b>1,021,612</b>	<b>1,041,823</b>	<b>1,042,236</b>	<b>995,664</b>	<b>967,693</b>	<b>-1.9</b>	<b>1.4</b>
<b>Foreign</b>							
Alabama .....	4,807	3,307	4,801	5,813	4,864	45.3	-0.3
Alaska .....	734	537	371	680	776	36.7	-1.4
Colorado .....	1,099	1,819	1,754	1,523	1,415	-39.6	-6.1
Illinois .....	-	65	307	773	1,886	-100.0	-
Indiana .....	-	-	-	5	11	-	-
Kentucky Total .....	4,382	4,636	6,931	7,220	9,143	-5.5	-16.8
Eastern .....	4,283	4,636	6,385	6,700	8,477	-7.6	-15.7
Western .....	99	-	546	520	666	-	-38.0
Maryland .....	203	*	9	236	645	NM	-25.1
Montana .....	608	682	814	579	518	-10.9	4.1
New Mexico .....	-	-	-	25	9	-	-
Ohio .....	111	6	663	410	271	NM	-20.1
Oklahoma .....	-	-	-	-	80	-	-
Pennsylvania Total .....	7,823	6,966	7,908	8,698	9,246	12.3	-4.1
Anthracite .....	225	216	443	486	506	4.0	-18.4
Bituminous .....	7,598	6,750	7,466	8,212	8,740	12.6	-3.4
Tennessee .....	50	4	-	-	-	NM	-
Texas .....	56	172	22	-	117	-67.3	-16.7
Utah .....	3,073	2,313	2,535	3,414	5,305	32.9	-12.8
Virginia .....	9,406	8,770	12,810	12,841	13,432	7.3	-8.5
Washington .....	-	-	-	14	43	-	-
West Virginia Total .....	23,212	22,848	37,531	38,459	42,044	1.6	-13.8
Northern .....	3,010	2,253	4,374	4,822	6,038	33.6	-16.0
Southern .....	20,202	20,595	33,157	33,637	36,006	-1.9	-13.4
Wyoming .....	4,780	3,774	3,729	2,541	2,395	26.6	18.9
<b>Appalachian Total<sup>1</sup> .....</b>	<b>49,893</b>	<b>46,536</b>	<b>70,108</b>	<b>73,157</b>	<b>78,979</b>	<b>7.2</b>	<b>-10.8</b>

See footnotes at end of table.

**Table 57. Domestic and Foreign Distribution of U.S. Coal by State of Origin, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Foreign</b>							
Interior Total <sup>1</sup> .....	155	237	875	1,298	2,759	-34.5	-51.3
Western Total <sup>1</sup> .....	10,294	9,125	9,202	8,777	10,460	12.8	-4
East of Miss. River.....	49,992	46,601	70,961	74,455	81,542	7.3	-11.5
West of Miss. River.....	10,350	9,297	9,225	8,777	10,657	11.3	-7
<b>U.S. Total.....</b>	<b>60,342</b>	<b>55,898</b>	<b>80,185</b>	<b>83,232</b>	<b>92,199</b>	<b>7.9</b>	<b>-10.1</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

<sup>NM</sup> Not meaningful as value is greater than 500 percent.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

**Table 58. Major U.S. Coal Distributors, 2000**

Company Name	
<b>Top Ten Distributors</b>	
AEI Resources, Inc.	Massey Energy
Arch Mineral Corp.	Peabody Energy Corp.
BHP Minerals Intl.	RAG American Coal
Consol Energy Inc.	Texas Utilities Co.
Kennecott Energy Co.	Vulcan Holding
<b>Other Major Distributors</b>	
AEP Service Corp.	James River Cola Co.
Alliance Resources	K T Mining Co.
Aluminum Co. of America	KCP Inc.
American Metals & Coal	MDU Resources Group
AMVEST Minerals	Mincorp Inc.
Andalex Resources Inc.	Minnesota Pwr & Light Co.
Black Hills Corp.	North American Coal Co.
Bluegrass Coal Develop.	Pacificorp
Chevron Corp.	Pacton Corp.
Coal Resources Inc.	Pen Holdings
Coastal Corp.	Pittston Co.
Deseret Generation	Quaker Coal Co.
DTE Energy Co.	Rencoal Inc.
Electric Fuels Corp.	Teco Coal
Entech Inc.	Utilicorp United
Exxon Mobil Coal USA Inc.	Walter Industries
Florida Progress Corp.	West Va Indiana Coal Co.
Freeman Energy	Western Fuels Assoc.
Great River Energy	Westmoreland Resources Inc.
Independence Coal Co.	Williams Fork Co.

Notes: The top 10 distribution companies accounted for 54 percent of the total distribution. Companies are listed in alphabetical order to ensure nondisclosure of company data.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Appalachian Total</b> .....	<b>377,885</b>	<b>376,820</b>	<b>393,814</b>	<b>388,130</b>	<b>373,728</b>	<b>0.3</b>	<b>0.3</b>
<b>Alabama</b> .....	<b>15,486</b>	<b>15,990</b>	<b>18,245</b>	<b>18,108</b>	<b>19,772</b>	<b>-3.1</b>	<b>-5.9</b>
Middle Atlantic .....	206	157	-	365	579	31.4	-22.8
Pennsylvania .....	206	157	-	365	579	31.4	-22.8
East North Central .....	540	1,374	129	-	108	-60.7	49.5
Illinois .....	-	-	71	-	-	-	-
Indiana .....	540	1,302	58	-	57	-58.6	75.3
Ohio .....	-	-	-	-	51	-	-
Wisconsin .....	-	72	-	-	-	-100.0	-
West North Central .....	-	-	-	-	*	-	-
Minnesota .....	-	-	-	-	*	-	-
Missouri .....	-	-	-	-	*	-	-
South Atlantic .....	132	194	98	77	385	-31.7	-23.4
Florida .....	-	-	24	26	8	-	-
Georgia .....	132	194	74	50	373	-31.7	-22.8
North Carolina .....	-	-	-	-	4	-	-
East South Central .....	14,415	14,106	17,904	17,594	18,628	2.2	-6.2
Alabama .....	14,414	14,024	17,831	17,489	18,503	2.8	-6.0
Kentucky .....	-	-	-	-	15	-	-
Mississippi .....	-	35	73	105	110	-100.0	-
Tennessee .....	1	47	-	-	1	-97.6	11.6
West South Central .....	193	113	78	47	39	71.4	49.6
Arkansas .....	192	113	78	47	39	71.0	49.5
Oklahoma .....	*	-	-	-	-	-	-
<b>Kentucky, Eastern</b> .....	<b>102,794</b>	<b>104,287</b>	<b>113,842</b>	<b>112,496</b>	<b>108,927</b>	<b>-1.4</b>	<b>-1.4</b>
New England .....	1,192	521	896	1,884	1,337	128.8	-2.8
Connecticut .....	660	-	460	755	659	-	*
Maine .....	150	168	194	412	271	-10.5	-13.8
Massachusetts .....	371	353	243	717	407	5.0	-2.3
New Hampshire .....	11	-	-	-	-	-	-
Middle Atlantic .....	1,526	1,939	2,584	2,754	3,977	-21.3	-21.3
New Jersey .....	226	10	-	91	29	NM	66.6
New York .....	638	1,216	1,818	1,494	1,227	-47.5	-15.1
Pennsylvania .....	663	714	766	1,169	2,721	-7.1	-29.8
East North Central .....	15,737	20,031	20,641	21,644	20,340	-21.4	-6.2
Illinois .....	466	1,236	661	2,327	1,478	-62.3	-25.1
Indiana .....	1,747	2,942	2,753	2,065	1,962	-40.6	-2.9
Michigan .....	5,823	6,040	7,413	6,759	6,671	-3.6	-3.3
Ohio .....	7,037	9,083	9,074	9,711	9,490	-22.5	-7.2
Wisconsin .....	664	730	740	781	738	-9.1	-2.6
West North Central .....	325	671	499	543	889	-51.5	-22.2
Iowa .....	30	268	234	259	439	-88.6	-48.7
Minnesota .....	233	142	89	136	135	63.8	14.7
Missouri .....	62	261	170	145	315	-76.4	-33.5
Nebraska .....	*	-	-	-	-	-	-
North Dakota .....	-	*	-	-	-	-100.0	-
South Dakota .....	-	-	7	3	-	-	-
South Atlantic .....	63,435	61,708	66,795	65,034	63,554	2.8	*
Delaware .....	121	69	92	-	-	75.3	-
District of Columbia .....	5	3	-	-	-	71.1	-
Florida .....	10,865	13,804	13,902	14,342	14,015	-21.3	-6.2
Georgia .....	17,272	16,450	16,507	15,913	14,689	5.0	4.1
Maryland .....	853	108	349	139	105	NM	68.7
North Carolina .....	13,613	13,457	17,179	15,840	17,240	1.2	-5.7
South Carolina .....	13,507	11,724	13,060	12,100	11,417	15.2	4.3
Virginia .....	6,488	5,668	5,336	6,449	5,662	14.5	3.5
West Virginia .....	710	425	370	250	426	67.0	13.6
East South Central .....	19,847	18,964	22,110	20,070	18,182	4.6	2.2
Alabama .....	1,755	415	1,039	727	727	323.4	24.7
Kentucky .....	10,701	9,921	10,740	8,645	9,326	7.9	3.5
Mississippi .....	795	1,042	977	1,219	928	-23.7	-3.8
Tennessee .....	6,596	7,587	9,355	9,480	7,202	-13.1	-2.2
West South Central .....	182	235	38	116	71	-22.4	26.6
Arkansas .....	-	20	-	-	-	-100.0	-
Louisiana .....	31	16	11	78	44	93.8	-8.0
Oklahoma .....	25	46	27	*	2	-46.7	101.1
Texas .....	126	153	-	38	26	-17.4	49.1
Mountain .....	163	11	-	-	-	NM	-

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Kentucky, Eastern (Continued)</b>							
Arizona.....	163	-	-	-	-	-	-
Nevada.....	-	11	-	-	-	-100.0	-
Pacific.....	5	7	14	16	24	-37.3	-33.6
Oregon.....	5	7	14	16	24	-37.3	-33.6
<b>Maryland.....</b>	<b>4,535</b>	<b>3,875</b>	<b>4,058</b>	<b>3,880</b>	<b>3,555</b>	<b>17.0</b>	<b>6.3</b>
New England.....	14	-	-	-	3	-	44.9
Connecticut.....	14	-	-	-	3	-	47.9
Massachusetts.....	-	-	-	-	*	-	-
Middle Atlantic.....	5	2	16	24	4	182.2	6.8
New Jersey.....	5	-	-	-	-	-	-
Pennsylvania.....	-	2	16	24	4	-100.0	-
East North Central.....	-	-	-	-	19	-	-
Michigan.....	-	-	-	-	15	-	-
Wisconsin.....	-	-	-	-	3	-	-
South Atlantic.....	4,509	3,873	4,022	3,847	3,518	16.4	6.4
Delaware.....	97	139	96	-	130	-30.0	-7.0
Maryland.....	1,340	677	909	955	1,147	97.9	4.0
Virginia.....	431	-	40	163	27	-	99.2
West Virginia.....	2,640	3,056	2,978	2,730	2,213	-13.6	4.5
<b>Ohio.....</b>	<b>22,350</b>	<b>23,068</b>	<b>26,503</b>	<b>29,024</b>	<b>28,609</b>	<b>-3.1</b>	<b>-6.0</b>
New England.....	-	7	-	-	-	-100.0	-
Connecticut.....	-	*	-	-	-	-100.0	-
New Hampshire.....	-	7	-	-	-	-100.0	-
Middle Atlantic.....	590	394	457	770	1,168	49.8	-15.7
New Jersey.....	-	16	-	-	-	-100.0	-
New York.....	10	20	12	18	125	-48.9	-46.5
Pennsylvania.....	579	358	445	752	1,043	61.8	-13.7
East North Central.....	20,129	20,851	23,486	25,162	25,201	-3.5	-5.5
Illinois.....	5	-	-	-	5	-	1.7
Indiana.....	150	91	93	337	464	65.8	-24.6
Michigan.....	256	239	302	303	246	7.2	1.1
Ohio.....	19,717	20,521	23,091	24,521	24,478	-3.9	-5.3
Wisconsin.....	*	*	*	-	9	-76.1	-72.3
West North Central.....	-	5	14	7	-	-100.0	-
Minnesota.....	-	5	14	7	-	-100.0	-
South Atlantic.....	1,538	1,651	1,670	2,323	2,036	-6.8	-6.8
Florida.....	137	-	-	-	-	-	-
Georgia.....	-	42	-	-	-	-100.0	-
West Virginia.....	1,401	1,609	1,670	2,323	2,036	-12.9	-8.9
East South Central.....	74	154	851	636	137	-51.6	-14.1
Alabama.....	*	31	4	69	103	-99.2	-77.9
Kentucky.....	74	123	848	567	30	-39.7	24.8
Mississippi.....	*	-	-	-	-	-	-
Tennessee.....	-	-	-	-	4	-	-
<b>Pennsylvania,</b>							
<b>Anthracite.....</b>	<b>4,051</b>	<b>4,365</b>	<b>4,445</b>	<b>4,575</b>	<b>4,330</b>	<b>-7.2</b>	<b>-1.6</b>
New England.....	24	26	29	35	31	-9.2	-6.8
Connecticut.....	4	6	7	7	5	-40.2	-8.9
Maine.....	3	2	3	4	4	12.5	-6.7
Massachusetts.....	9	10	10	14	14	-3.8	-9.2
New Hampshire.....	4	4	5	5	4	-6.3	2.3
Rhode Island.....	2	2	2	3	3	51.3	-7.2
Vermont.....	1	2	2	2	2	-22.7	-4.0
Middle Atlantic.....	3,498	3,866	4,086	4,236	3,985	-9.5	-3.2
New Jersey.....	14	10	14	15	14	34.3	.3
New York.....	41	79	92	130	151	-47.8	-27.6
Pennsylvania.....	3,443	3,776	3,980	4,091	3,821	-8.8	-2.6
East North Central.....	51	82	44	41	41	-37.1	6.0
Illinois.....	3	17	11	15	7	-80.4	-17.6
Indiana.....	15	44	15	7	6	-65.8	24.7
Michigan.....	1	2	1	1	3	-29.7	-19.8
Ohio.....	24	11	11	13	19	114.0	5.1
Wisconsin.....	8	8	6	6	5	*	12.9
West North Central.....	21	60	55	52	64	-65.4	-24.5

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Pennsylvania,</b>							
<b>Anthracite (Continued)</b>							
Iowa.....	16	36	35	43	54	-54.6	-25.8
Kansas.....	1	1	1	1	*	-9.8	56.8
Minnesota.....	*	6	7	4	7	-96.2	-57.8
Missouri.....	2	9	*	*	*	-76.8	212.5
Nebraska.....	1	8	11	4	1	-86.1	4.8
North Dakota.....	*	1	*	*	2	-48.3	-38.4
South Atlantic.....	228	210	116	97	56	8.6	42.2
Delaware.....	1	7	7	8	10	-90.6	-49.1
District of Columbia.....	-	*	*	*	*	-100.0	-
Florida.....	*	*	4	7	6	2.2	-51.0
Georgia.....	*	3	2	*	*	-93.0	-12.4
Maryland.....	112	100	2	3	1	11.2	214.3
North Carolina.....	5	*	1	*	*	NM	322.0
South Carolina.....	49	49	54	31	*	-2	280.3
Virginia.....	4	3	3	6	6	44.7	-9.1
West Virginia.....	57	48	42	41	32	20.2	15.7
East South Central.....	36	32	50	31	50	12.8	-8.0
Alabama.....	*	11	11	4	2	-99.4	-57.8
Kentucky.....	36	19	23	18	22	86.3	13.2
Mississippi.....	*	*	*	*	*	-57.3	-3.2
Tennessee.....	*	2	16	9	26	-97.3	-79.3
West South Central.....	14	6	9	11	8	113.2	13.8
Arkansas.....	2	1	2	*	*	136.2	75.4
Louisiana.....	*	*	*	8	6	NM	-75.2
Oklahoma.....	*	*	*	*	*	15.8	-20.0
Texas.....	12	6	7	3	1	111.7	73.6
Mountain.....	18	23	21	26	21	-21.1	-3.0
Arizona.....	1	*	3	3	1	242.6	-18.0
Colorado.....	14	18	18	20	16	-23.8	-3.2
Idaho.....	-	-	-	-	*	-	-
Montana.....	2	3	-	-	2	-30.7	3.4
Nevada.....	-	-	-	-	*	-	-
New Mexico.....	*	*	*	-	*	-47.4	-12.4
Utah.....	*	-	*	3	*	-	-29.3
Wyoming.....	1	2	*	2	1	-1.6	2.1
Pacific.....	4	18	15	14	12	-76.0	-23.3
Alaska.....	*	-	-	-	-	-	-
California.....	*	*	*	1	*	-49.4	-27.0
Hawaii.....	*	-	-	-	-	-	-
Oregon.....	4	17	15	13	12	-76.5	-23.3
Washington.....	-	-	-	*	-	-	-
<b>Pennsylvania,</b>							
<b>Bituminous.....</b>	<b>63,027</b>	<b>64,338</b>	<b>68,172</b>	<b>60,452</b>	<b>55,552</b>	<b>-2.0</b>	<b>3.2</b>
New England.....	958	763	1,034	1,214	1,021	25.5	-1.6
Connecticut.....	83	80	176	1	227	2.7	-22.3
Maine.....	27	12	7	7	-	121.6	-
Massachusetts.....	168	115	74	497	202	46.3	-4.5
New Hampshire.....	680	556	778	710	592	22.4	3.5
Vermont.....	*	-	-	*	*	-	1.1
Middle Atlantic.....	36,226	38,879	43,477	41,194	40,063	-6.8	-2.5
New Jersey.....	780	446	534	567	538	74.8	9.7
New York.....	4,949	5,296	5,006	3,884	4,125	-6.6	4.7
Pennsylvania.....	30,497	33,136	37,937	36,743	35,400	-8.0	-3.7
East North Central.....	9,641	9,761	12,534	10,238	8,460	-1.2	3.3
Illinois.....	15	97	50	-	-	-84.1	-
Indiana.....	67	283	296	548	559	-76.4	-41.2
Michigan.....	3,318	3,340	4,025	2,876	2,075	-6	12.4
Ohio.....	5,294	5,042	6,021	4,756	4,463	5.0	4.4
Wisconsin.....	947	999	2,141	2,058	1,362	-5.2	-8.7
West North Central.....	148	254	240	178	248	-41.7	-12.1
Iowa.....	148	243	240	178	225	-39.2	-9.9
Minnesota.....	*	-	-	-	23	-	-82.0
North Dakota.....	-	11	-	-	-	-100.0	-
South Atlantic.....	12,597	11,438	9,508	5,783	3,968	10.1	33.5
Delaware.....	487	425	1,210	655	528	14.4	-2.0

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Pennsylvania,</b>							
<b>Bituminous (Continued)</b>							
District of Columbia .....	-	-	2	-	-	-	-
Florida .....	662	256	213	-	-	158.6	-
Georgia .....	-	688	-	-	-	-100.0	-
Maryland .....	2,895	3,076	3,029	1,921	1,602	-5.9	15.9
South Carolina .....	-	26	-	-	-	-100.0	-
Virginia .....	546	633	402	226	5	-13.7	220.5
West Virginia .....	8,007	6,334	4,651	2,982	1,833	26.4	44.6
East South Central .....	3,314	1,826	931	1,302	1,144	81.5	30.5
Alabama .....	495	306	51	95	6	61.9	204.0
Kentucky .....	1,955	589	196	344	500	232.1	40.6
Tennessee .....	864	932	684	864	639	-7.3	7.8
West South Central .....	13	68	42	11	195	-80.5	-48.9
Louisiana .....	13	68	42	11	195	-80.6	-48.9
Texas .....	*	*	*	1	*	-	-39.7
Mountain .....	32	1,226	153	199	230	-97.4	-39.1
Colorado .....	3	1,096	-	-	-	-99.7	-
Utah .....	29	82	153	199	230	-65.1	-40.6
Wyoming .....	-	47	-	-	-	-100.0	-
Pacific .....	*	-	-	-	-	-	-
Oregon .....	*	-	-	-	-	-	-
Washington .....	*	-	-	-	-	-	-
<b>Tennessee .....</b>	<b>2,615</b>	<b>3,151</b>	<b>2,741</b>	<b>3,080</b>	<b>3,052</b>	<b>-17.0</b>	<b>-3.8</b>
Middle Atlantic .....	23	11	-	-	-	112.0	-
New York .....	4	-	-	-	-	-	-
Pennsylvania .....	19	11	-	-	-	73.8	-
East North Central .....	2	*	-	*	*	NM	83.8
Ohio .....	2	*	-	*	*	NM	83.8
South Atlantic .....	1,232	1,530	1,305	485	141	-19.5	71.8
Delaware .....	-	13	-	-	-	-100.0	-
Florida .....	-	30	209	-	-	-100.0	-
Georgia .....	860	811	693	403	141	6.0	57.2
North Carolina .....	17	354	22	45	1	-95.2	127.8
South Carolina .....	350	289	381	37	-	21.4	-
Virginia .....	4	-	-	-	-	-	-
West Virginia .....	1	33	-	-	-	-98.1	-
East South Central .....	1,292	1,601	1,435	2,593	2,902	-19.3	-18.3
Alabama .....	78	49	5	743	331	60.2	-30.4
Kentucky .....	114	87	7	-	23	30.7	49.9
Tennessee .....	1,100	1,465	1,422	1,850	2,548	-24.9	-18.9
West South Central .....	41	-	-	-	-	-	-
Arkansas .....	41	-	-	-	-	-	-
Pacific .....	3	-	-	-	-	-	-
Oregon .....	3	-	-	-	-	-	-
<b>Virginia .....</b>	<b>24,785</b>	<b>22,865</b>	<b>20,728</b>	<b>22,736</b>	<b>22,776</b>	<b>8.4</b>	<b>2.1</b>
New England .....	18	-	1	15	18	-	4
Connecticut .....	4	-	-	5	-	-	-
Massachusetts .....	14	-	1	-	8	-	16.6
New Hampshire .....	-	-	-	10	10	-	-
Middle Atlantic .....	1,496	1,177	908	3,469	2,045	27.1	-7.5
New Jersey .....	599	734	700	805	601	-18.4	-1
New York .....	98	93	4	13	146	4.5	-9.5
Pennsylvania .....	799	350	204	2,651	1,299	128.5	-11.4
East North Central .....	3,565	2,735	2,563	3,484	3,237	30.4	2.4
Illinois .....	25	4	176	677	583	482.8	-54.4
Indiana .....	2,551	1,739	1,526	1,587	2,290	46.7	2.7
Michigan .....	60	*	*	*	25	NM	24.4
Ohio .....	846	991	861	1,220	331	-14.6	26.4
Wisconsin .....	83	-	-	-	9	-	73.8
South Atlantic .....	16,015	15,754	13,999	12,147	13,507	1.7	4.3
Delaware .....	193	182	146	179	166	6.1	3.9
Florida .....	162	590	866	451	549	-72.6	-26.3
Georgia .....	5,216	4,475	2,893	1,860	1,785	16.5	30.8
Maryland .....	24	1	*	*	1	NM	149.1
North Carolina .....	806	700	735	840	1,883	15.1	-19.1

See footnotes at end of table.



**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Virginia (Continued)</b>							
South Carolina .....	490	1,138	1,342	1,492	1,605	-57.0	-25.7
Virginia .....	8,739	8,355	7,602	6,854	7,231	4.6	4.8
West Virginia .....	386	314	415	471	287	23.1	7.7
East South Central .....	3,433	3,120	3,138	3,286	3,581	10.0	-1.0
Alabama .....	507	601	857	1,057	1,036	-15.6	-16.4
Kentucky .....	53	-	3	18	3	-	113.4
Mississippi .....	-	-	18	8	13	-	-
Tennessee .....	2,873	2,519	2,260	2,203	2,529	14.1	3.2
West South Central .....	38	12	41	14	13	204.0	30.4
Oklahoma .....	25	-	19	-	-	-	-
Texas .....	12	12	21	14	13	.1	-1.2
Mountain .....	119	58	27	298	332	103.9	-22.6
Utah .....	119	58	27	298	332	103.9	-22.6
Pacific .....	-	-	-	*	-	-	-
California .....	-	-	-	*	-	-	-
<b>West Virginia, Northern .....</b>	<b>36,379</b>	<b>37,259</b>	<b>40,410</b>	<b>41,494</b>	<b>40,398</b>	<b>-2.4</b>	<b>-2.6</b>
New England .....	863	794	914	1,161	1,070	8.6	-5.2
Connecticut .....	783	614	667	687	683	27.5	3.5
Maine .....	-	-	-	1	13	-	-
Massachusetts .....	-	3	40	132	53	-100.0	-
New Hampshire .....	80	177	208	340	322	-54.9	-29.4
Middle Atlantic .....	12,895	11,453	14,400	14,973	14,276	12.6	-2.5
New Jersey .....	1,299	1,379	1,463	1,365	1,530	-5.8	-4.0
New York .....	2,958	2,565	4,018	4,708	4,140	15.3	-8.1
Pennsylvania .....	8,638	7,510	8,918	8,900	8,606	15.0	.1
East North Central .....	7,475	6,768	6,267	5,513	5,410	10.4	8.4
Illinois .....	-	4	88	-	9	-100.0	-
Indiana .....	1,491	338	485	157	479	340.7	32.8
Michigan .....	427	568	704	679	640	-25.0	-9.6
Ohio .....	5,482	5,764	4,630	4,155	3,966	-4.9	8.4
Wisconsin .....	76	94	360	522	317	-18.9	-30.0
West North Central .....	-	3	34	-	*	-100.0	-
Missouri .....	-	3	34	-	-	-100.0	-
North Dakota .....	-	-	-	-	*	-	-
South Atlantic .....	11,752	16,359	16,983	17,631	17,820	-28.2	-9.9
Delaware .....	247	193	513	442	449	28.3	-13.9
District of Columbia .....	-	-	-	3	6	-	-
Florida .....	1,349	855	664	610	551	57.7	25.1
Maryland .....	3,663	4,787	4,146	4,862	4,773	-23.5	-6.4
North Carolina .....	-	-	-	-	13	-	-
South Carolina .....	-	106	-	-	3	-100.0	-
Virginia .....	629	421	738	635	66	49.2	75.6
West Virginia .....	5,865	9,996	10,921	11,080	11,959	-41.3	-16.3
East South Central .....	3,221	1,692	1,602	1,866	1,522	90.4	20.6
Alabama .....	131	250	396	442	419	-47.6	-25.2
Kentucky .....	3,087	1,441	1,206	1,424	1,026	114.2	31.7
Mississippi .....	3	-	-	-	-	-	-
Tennessee .....	-	-	-	-	78	-	-
West South Central .....	90	174	102	282	203	-48.4	-18.4
Louisiana .....	90	155	101	282	203	-41.9	-18.4
Oklahoma .....	-	*	-	-	-	-100.0	-
Texas .....	-	19	1	-	-	-100.0	-
<b>West Virginia, Southern .....</b>	<b>101,861</b>	<b>97,624</b>	<b>94,671</b>	<b>92,284</b>	<b>86,757</b>	<b>4.3</b>	<b>4.1</b>
New England .....	392	1,005	2,515	1,909	1,853	-61.0	-32.2
Connecticut .....	10	101	76	135	24	-90.3	-20.4
Maine .....	-	*	-	*	13	-100.0	-
Massachusetts .....	377	870	2,430	1,774	1,792	-56.7	-32.3
New Hampshire .....	5	34	8	-	24	-85.0	-32.2
Rhode Island .....	-	-	-	*	-	-	-
Vermont .....	-	*	*	-	-	-100.0	-
Middle Atlantic .....	10,861	8,560	9,006	8,702	7,391	26.9	10.1
New Jersey .....	647	212	214	492	216	204.4	31.6
New York .....	1,415	1,217	1,477	1,560	1,545	16.2	-2.2
Pennsylvania .....	8,799	7,130	7,315	6,651	5,630	23.4	11.8

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>West Virginia,</b>							
<b>Southern (Continued)</b>							
East North Central.....	33,841	34,921	30,360	29,392	30,404	-3.1	2.7
Illinois.....	2,141	1,545	1,753	1,807	1,841	38.6	3.8
Indiana.....	6,829	7,146	5,882	5,773	4,809	-4.4	9.2
Michigan.....	5,550	5,375	5,150	5,415	4,869	3.3	3.3
Ohio.....	18,899	20,737	17,514	16,057	18,770	-8.9	.2
Wisconsin.....	422	118	60	340	115	256.4	38.2
West North Central.....	250	3,931	304	245	113	-93.6	22.0
Iowa.....	120	3,531	160	119	44	-96.6	28.6
Minnesota.....	42	94	116	87	32	-55.0	7.1
Missouri.....	87	305	23	39	36	-71.4	25.2
Nebraska.....	-	-	5	-	-	-	-
South Dakota.....	-	-	-	-	1	-	-
South Atlantic.....	46,375	39,228	42,145	42,166	37,986	18.2	5.1
Delaware.....	518	332	376	450	551	55.8	-1.5
District of Columbia.....	2	6	6	37	17	-74.3	-45.0
Florida.....	2,556	1,760	1,570	1,896	1,123	45.2	22.8
Georgia.....	2,306	3,713	4,782	4,969	4,064	-37.9	-13.2
Maryland.....	3,837	4,245	2,735	2,607	3,132	-9.6	5.2
North Carolina.....	14,631	10,266	9,780	9,740	8,274	42.5	15.3
South Carolina.....	391	840	815	100	347	-53.4	3.1
Virginia.....	5,335	4,249	4,552	4,306	3,217	25.6	13.5
West Virginia.....	16,799	13,817	17,529	18,061	17,261	21.6	-7
East South Central.....	8,413	9,571	9,676	9,269	8,677	-12.1	-8
Alabama.....	1,373	1,906	2,268	3,078	2,922	-27.9	-17.2
Kentucky.....	6,299	7,352	6,991	5,540	4,250	-14.3	10.3
Mississippi.....	37	140	38	20	24	-73.3	11.7
Tennessee.....	703	173	378	631	1,482	306.8	-17.0
West South Central.....	47	161	148	66	81	-70.5	-12.5
Louisiana.....	40	-	27	18	-	-	-
Oklahoma.....	-	13	121	47	77	-100.0	-
Texas.....	7	148	-	2	4	-95.0	13.0
Mountain.....	277	173	181	229	18	59.8	96.9
Idaho.....	-	-	20	-	-	-	-
Nevada.....	-	*	36	-	-	-100.0	-
Utah.....	277	173	125	229	18	59.8	96.9
Pacific.....	8	19	-	10	28	-56.1	-25.6
Oregon.....	8	19	-	10	2	-56.1	53.2
Washington.....	-	-	-	-	26	-	-
<b>Interior Total.....</b>	<b>142,060</b>	<b>162,379</b>	<b>167,285</b>	<b>167,821</b>	<b>165,668</b>	<b>-12.5</b>	<b>-3.8</b>
<b>Arkansas.....</b>	<b>11</b>	<b>22</b>	<b>23</b>	<b>9</b>	<b>7</b>	<b>-52.4</b>	<b>11.2</b>
West North Central.....	9	16	19	1	-	-45.0	-
Missouri.....	9	16	19	1	-	-45.0	-
South Atlantic.....	-	-	1	-	-	-	-
Maryland.....	-	-	1	-	-	-	-
West South Central.....	2	6	3	8	7	-71.0	-28.0
Arkansas.....	-	4	-	4	7	-100.0	-
Texas.....	2	3	3	4	-	-26.0	-
<b>Illinois.....</b>	<b>32,424</b>	<b>40,102</b>	<b>39,447</b>	<b>40,447</b>	<b>45,190</b>	<b>-19.1</b>	<b>-8.0</b>
New England.....	*	-	-	-	-	-	-
Connecticut.....	*	-	-	-	-	-	-
Middle Atlantic.....	-	63	-	*	*	-100.0	-
New Jersey.....	-	-	-	-	*	-	-
New York.....	-	63	-	-	*	-100.0	-
Pennsylvania.....	-	*	-	*	*	-100.0	-
East North Central.....	14,997	23,589	21,808	23,224	25,316	-36.4	-12.3
Illinois.....	10,722	17,592	16,652	18,085	16,052	-39.0	-9.6
Indiana.....	4,006	5,162	4,184	4,272	8,178	-22.4	-16.3
Michigan.....	-	-	-	-	59	-	-
Ohio.....	120	-	2	-	18	-	60.7
Wisconsin.....	149	835	969	868	1,008	-82.1	-38.0
West North Central.....	2,900	4,404	3,767	3,934	5,347	-34.2	-14.2
Iowa.....	1,064	2,061	949	731	694	-48.4	11.3
Kansas.....	-	-	41	129	149	-	-
Minnesota.....	101	72	104	176	100	39.9	.2

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Illinois (Continued)</b>							
Missouri.....	1,735	2,271	2,674	2,897	4,403	-23.6	-20.8
North Dakota.....	-	-	*	*	-	-	-
South Atlantic.....	6,685	4,914	6,941	6,612	7,255	36.0	-2.0
Florida.....	6,683	4,300	6,265	5,585	6,052	55.4	2.5
Georgia.....	-	614	676	1,027	1,204	-100.0	-
North Carolina.....	-	-	-	*	-	-	-
Virginia.....	-	-	-	-	*	-	-
West Virginia.....	2	-	*	-	-	-	-
East South Central.....	6,303	6,314	5,795	5,600	7,130	-2.2	-3.0
Alabama.....	1,426	1,338	809	1,348	2,155	6.6	-9.8
Kentucky.....	145	395	686	152	1	-63.3	252.4
Mississippi.....	1,463	1,472	1,538	1,228	1,749	-6	-4.4
Tennessee.....	3,270	3,109	2,762	2,872	3,225	5.2	.3
West South Central.....	1,481	1	1,125	1,055	86	NM	103.6
Arkansas.....	-	-	12	67	76	-	-
Louisiana.....	1,479	-	1,113	987	-	-	-
Oklahoma.....	1	1	-	1	10	58.6	-39.8
Mountain.....	34	-	-	-	40	-	-4.2
Colorado.....	-	-	-	-	40	-	-
Wyoming.....	34	-	-	-	-	-	-
<b>Indiana</b> .....	<b>28,285</b>	<b>34,215</b>	<b>36,774</b>	<b>34,805</b>	<b>29,664</b>	<b>-17.3</b>	<b>-1.2</b>
New England.....	-	-	-	-	*	-	-
Connecticut.....	-	-	-	-	*	-	-
East North Central.....	27,002	32,114	35,079	32,267	26,318	-15.9	.6
Illinois.....	70	1,004	1,807	1,920	1,444	-93.0	-53.0
Indiana.....	26,660	30,742	32,872	29,916	24,309	-13.3	2.3
Michigan.....	-	68	148	162	181	-100.0	-
Ohio.....	-	72	7	4	34	-100.0	-
Wisconsin.....	272	228	245	265	350	19.0	-6.1
West North Central.....	78	198	478	359	655	-60.3	-41.2
Iowa.....	10	109	259	347	638	-90.8	-64.6
Minnesota.....	62	83	67	4	-	-25.4	-
Missouri.....	7	6	152	8	17	14.7	-19.6
South Atlantic.....	-	-	41	-	-	-	-
Florida.....	-	-	41	-	-	-	-
East South Central.....	1,190	1,887	1,139	2,148	2,677	-36.9	-18.3
Alabama.....	-	-	-	-	26	-	-
Kentucky.....	1,190	1,887	1,093	2,148	2,610	-36.9	-17.8
Tennessee.....	-	-	47	-	41	-	-
West South Central.....	*	1	1	2	6	-92.5	-67.3
Oklahoma.....	*	1	1	*	4	-92.5	-63.9
Texas.....	-	-	-	2	2	-	-
<b>Kansas</b> .....	<b>201</b>	<b>408</b>	<b>440</b>	<b>434</b>	<b>245</b>	<b>-50.7</b>	<b>-4.8</b>
West North Central.....	201	408	440	434	233	-50.7	-3.7
Kansas.....	201	406	366	354	164	-50.5	5.2
Missouri.....	-	2	74	80	69	-100.0	-
West South Central.....	-	-	-	-	12	-	-
Oklahoma.....	-	-	-	-	12	-	-
<b>Kentucky, Western</b> .....	<b>26,580</b>	<b>29,710</b>	<b>32,329</b>	<b>33,030</b>	<b>34,821</b>	<b>-10.5</b>	<b>-6.5</b>
New England.....	-	-	55	-	-	-	-
Maine.....	-	-	55	-	-	-	-
Middle Atlantic.....	*	-	26	-	-	-	-
New Jersey.....	*	-	26	-	-	-	-
East North Central.....	853	479	772	575	1,016	78.0	-4.3
Illinois.....	171	155	324	103	119	10.0	9.5
Indiana.....	426	45	270	257	680	NM	-11.0
Michigan.....	-	-	14	-	-	-	-
Ohio.....	63	58	-	30	31	9.3	19.9
Wisconsin.....	193	221	164	185	187	-12.7	.9
West North Central.....	162	148	719	350	237	9.5	-9.1
Iowa.....	147	122	504	320	211	20.7	-8.6
Minnesota.....	15	15	4	-	22	1.3	-8.1
Missouri.....	-	11	211	30	5	-100.0	-
South Atlantic.....	1,900	1,414	3,319	3,806	3,254	34.4	-12.6

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Kentucky, Western (Continued)</b>							
Florida .....	1,900	1,414	2,255	3,804	3,254	34.4	-12.6
Maryland .....	*	-	-	2	-	-	-
Virginia .....	-	*	1,064	*	*	-100.0	-
East South Central .....	23,660	27,155	26,770	28,155	29,605	-12.9	-5.4
Alabama .....	1,151	1,873	1,816	1,798	3,142	-38.6	-22.2
Kentucky .....	15,323	16,019	18,950	14,169	16,375	-4.3	-1.6
Mississippi .....	-	78	3	-	107	-100.0	-
Tennessee .....	7,187	9,185	6,000	12,188	9,981	-21.8	-7.9
West South Central .....	-	262	661	112	657	-100.0	-
Arkansas .....	-	-	-	4	11	-	-
Louisiana .....	-	262	661	108	646	-100.0	-
<b>Louisiana .....</b>	<b>3,704</b>	<b>2,952</b>	<b>3,331</b>	<b>3,545</b>	<b>3,222</b>	<b>25.5</b>	<b>3.5</b>
West South Central .....	3,704	2,952	3,331	3,545	3,222	25.5	3.5
Louisiana .....	3,696	2,952	3,331	3,545	3,222	25.2	3.5
Oklahoma .....	9	-	-	-	-	-	-
<b>Mississippi .....</b>	<b>11</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-41.9</b>	<b>-</b>
East South Central .....	11	18	-	-	-	-41.9	-
Mississippi .....	11	18	-	-	-	-41.9	-
<b>Missouri .....</b>	<b>436</b>	<b>392</b>	<b>296</b>	<b>401</b>	<b>846</b>	<b>11.2</b>	<b>-15.3</b>
West North Central .....	436	392	281	389	846	11.2	-15.3
Kansas .....	188	1	1	40	345	NM	-14.1
Missouri .....	249	391	281	349	501	-36.3	-16.0
West South Central .....	-	-	15	9	-	-	-
Arkansas .....	-	-	15	9	-	-	-
<b>Oklahoma .....</b>	<b>1,588</b>	<b>1,657</b>	<b>1,731</b>	<b>1,688</b>	<b>2,136</b>	<b>-4.2</b>	<b>-7.1</b>
West North Central .....	134	82	153	110	63	64.7	21.1
Kansas .....	133	82	153	110	63	63.6	20.9
Missouri .....	1	-	-	-	-	-	-
West South Central .....	1,453	1,575	1,570	1,568	2,066	-7.7	-8.4
Arkansas .....	43	66	71	160	170	-34.1	-29.0
Oklahoma .....	1,306	1,453	1,411	1,260	1,712	-10.1	-6.5
Texas .....	104	56	88	148	184	85.0	-13.2
<b>Texas .....</b>	<b>48,821</b>	<b>52,903</b>	<b>52,913</b>	<b>53,463</b>	<b>49,538</b>	<b>-7.7</b>	<b>-4</b>
Middle Atlantic .....	44	-	-	-	-	-	-
New York .....	8	-	-	-	-	-	-
Pennsylvania .....	36	-	-	-	-	-	-
East North Central .....	18	46	-	-	-	-59.9	-
Illinois .....	4	12	-	-	-	-63.1	-
Michigan .....	-	23	-	-	-	-100.0	-
Ohio .....	12	7	-	-	-	81.9	-
Wisconsin .....	2	4	-	-	-	-62.9	-
South Atlantic .....	25	-	-	-	-	-	-
Georgia .....	25	-	-	-	-	-	-
West South Central .....	48,733	52,855	52,913	53,463	49,538	-7.8	-4
Louisiana .....	-	-	144	-	-	-	-
Texas .....	48,733	52,855	52,769	53,463	49,538	-7.8	-4
<b>Western Total .....</b>	<b>501,667</b>	<b>502,623</b>	<b>481,137</b>	<b>439,713</b>	<b>428,297</b>	<b>-2</b>	<b>4.0</b>
<b>Alaska .....</b>	<b>847</b>	<b>1,036</b>	<b>970</b>	<b>743</b>	<b>697</b>	<b>-18.3</b>	<b>5.0</b>
Pacific .....	847	1,036	970	743	697	-18.3	5.0
Alaska .....	847	1,036	970	743	697	-18.3	5.0
<b>Arizona .....</b>	<b>12,986</b>	<b>12,623</b>	<b>12,169</b>	<b>11,044</b>	<b>10,970</b>	<b>2.9</b>	<b>4.3</b>
Mountain .....	12,986	12,623	12,169	11,044	10,970	2.9	4.3
Arizona .....	8,275	8,129	7,680	6,646	6,499	1.8	6.2
Nevada .....	4,711	4,494	4,489	4,398	4,470	4.8	1.3
<b>Colorado .....</b>	<b>28,314</b>	<b>28,198</b>	<b>27,541</b>	<b>25,445</b>	<b>23,990</b>	<b>.4</b>	<b>4.2</b>
New England .....	-	-	-	107	-	-	-
Vermont .....	-	-	-	107	-	-	-
East North Central .....	1,994	606	2,680	1,873	1,366	228.8	9.9
Illinois .....	1,947	330	2,433	1,196	640	489.4	32.1

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Colorado (Continued)</b>							
Indiana.....	35	-	51	-	-	-	-
Michigan.....	-	55	176	10	-	-100.0	-
Wisconsin.....	12	221	20	667	726	-94.5	-64.1
West North Central.....	2,817	2,849	1,994	2,879	3,218	-1.1	-3.3
Iowa.....	393	475	595	644	591	-17.3	-9.7
Kansas.....	719	587	1,289	1,264	1,493	22.3	-16.7
Missouri.....	1,579	1,766	14	907	1,077	-10.6	10.0
Nebraska.....	126	20	97	65	56	NM	22.7
South Atlantic.....	-	-	-	-	136	-	-
Florida.....	-	-	-	-	136	-	-
East South Central.....	4,138	6,968	4,453	3,349	3,817	-40.6	2.0
Alabama.....	-	-	427	-	-	-	-
Kentucky.....	2,464	2,946	1,962	190	260	-16.4	75.4
Mississippi.....	554	1,101	-	35	519	-49.7	1.6
Tennessee.....	1,121	2,920	2,064	3,125	3,038	-61.6	-22.1
West South Central.....	2,530	2,961	3,314	2,296	2,443	-14.6	.9
Arkansas.....	121	10	5	29	-	NM	-
Oklahoma.....	70	-	-	-	-	-	-
Texas.....	2,338	2,951	3,309	2,267	2,443	-20.8	-1.1
Mountain.....	16,633	14,796	15,004	14,792	12,861	12.4	6.6
Arizona.....	1,076	645	467	74	355	66.7	31.9
Colorado.....	13,462	12,294	11,993	12,307	10,704	9.5	5.9
Montana.....	-	-	6	-	-	-	-
Nevada.....	-	-	20	69	132	-	-
New Mexico.....	99	99	131	99	88	.5	3.1
Utah.....	1,849	1,610	2,238	2,111	1,204	14.8	11.3
Wyoming.....	147	148	149	131	378	-.5	-21.0
Pacific.....	136	10	85	138	131	NM	.9
California.....	136	10	78	47	-	NM	-
Oregon.....	-	-	-	67	94	-	-
Washington.....	-	-	7	24	37	-	-
<b>Montana.....</b>	<b>37,735</b>	<b>40,649</b>	<b>41,860</b>	<b>40,363</b>	<b>37,770</b>	<b>-7.2</b>	<b>*</b>
East North Central.....	13,533	13,681	13,719	16,361	15,814	-1.1	-3.8
Illinois.....	2,552	1,769	1,679	1,545	2,162	44.3	4.2
Indiana.....	1,011	1,308	126	1,259	869	-22.7	3.9
Michigan.....	9,239	9,952	9,861	10,866	9,806	-7.2	-1.5
Ohio.....	153	168	-	42	26	-9.2	56.1
Wisconsin.....	578	482	2,053	2,649	2,950	19.9	-33.5
West North Central.....	12,380	13,121	13,289	11,372	11,622	-5.6	1.6
Iowa.....	-	-	136	105	-	-	-
Kansas.....	1,464	1,319	379	104	-	11.0	-
Minnesota.....	10,771	9,429	10,477	8,847	9,791	14.2	2.4
Nebraska.....	-	-	81	47	113	-	-
North Dakota.....	145	877	517	402	417	-83.4	-23.1
South Dakota.....	-	1,496	1,698	1,867	1,301	-100.0	-
East South Central.....	151	1,926	2,833	3,235	2,226	-92.2	-49.0
Mississippi.....	151	1,926	2,833	3,235	2,226	-92.2	-49.0
Mountain.....	9,986	10,415	10,516	9,052	7,995	-4.1	5.7
Arizona.....	198	69	94	-	-	185.3	-
Colorado.....	-	-	-	-	26	-	-
Montana.....	9,723	10,346	10,360	9,019	7,844	-6.0	5.5
Wyoming.....	64	-	62	34	125	-	-15.3
Pacific.....	1,685	1,507	1,503	333	113	11.8	96.7
Oregon.....	-	1,507	-	-	-	-100.0	-
Washington.....	1,685	-	1,503	333	113	-	96.7
<b>New Mexico.....</b>	<b>27,136</b>	<b>28,450</b>	<b>28,026</b>	<b>27,352</b>	<b>25,035</b>	<b>-4.6</b>	<b>2.0</b>
East North Central.....	51	216	466	523	732	-76.5	-48.7
Wisconsin.....	51	216	466	523	732	-76.5	-48.7
West North Central.....	15	-	-	68	92	-	-36.2
Kansas.....	15	-	-	-	-	-	-
Nebraska.....	-	-	-	68	92	-	-
West South Central.....	624	459	591	482	334	36.1	16.9
Arkansas.....	-	-	-	-	1	-	-
Oklahoma.....	105	64	119	108	17	63.5	57.3
Texas.....	519	395	472	375	316	31.6	13.3

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>New Mexico (Continued)</b>							
Mountain .....	26,383	27,770	26,968	26,279	23,877	-5.0	2.5
Arizona .....	9,900	11,346	11,138	10,492	8,860	-12.8	2.8
Colorado .....	-	1	11	-	9	-100.0	-
New Mexico .....	16,483	16,423	15,819	15,786	15,009	.4	2.4
Pacific .....	63	6	-	-	-	NM	-
California .....	63	6	-	-	-	NM	-
<b>North Dakota .....</b>	<b>31,148</b>	<b>30,938</b>	<b>30,557</b>	<b>29,172</b>	<b>30,025</b>	<b>.7</b>	<b>.9</b>
West North Central .....	31,147	30,938	30,557	29,172	30,025	.7	.9
North Dakota .....	31,147	30,938	30,557	29,172	30,025	.7	.9
Mountain .....	1	-	-	-	-	-	-
Montana .....	1	-	-	-	-	-	-
<b>Utah .....</b>	<b>24,883</b>	<b>23,402</b>	<b>24,229</b>	<b>22,857</b>	<b>18,563</b>	<b>6.3</b>	<b>7.6</b>
New England .....	-	-	-	90	-	-	-
Massachusetts .....	-	-	-	90	-	-	-
Middle Atlantic .....	80	-	*	-	-	-	-
New Jersey .....	22	-	-	-	-	-	-
Pennsylvania .....	58	-	*	-	-	-	-
East North Central .....	827	1,507	2,266	1,518	2,650	-45.1	-25.3
Illinois .....	772	1,507	2,266	1,446	2,473	-48.8	-25.3
Indiana .....	20	-	-	-	-	-	-
Michigan .....	-	-	-	-	44	-	-
Wisconsin .....	34	-	-	72	133	-	-28.7
West North Central .....	348	102	10	140	330	241.4	1.4
Kansas .....	-	*	*	-	-	-100.0	-
Missouri .....	327	99	10	140	330	230.2	-2
Nebraska .....	21	3	-	-	-	NM	-
North Dakota .....	-	*	-	-	-	-100.0	-
South Atlantic .....	130	-	-	-	-	-	-
Maryland .....	13	-	-	-	-	-	-
Virginia .....	118	-	-	-	-	-	-
East South Central .....	1,305	1,142	996	1,521	1,421	14.3	-2.1
Tennessee .....	1,305	1,142	996	1,521	1,421	14.3	-2.1
West South Central .....	278	105	-	-	-	165.7	-
Texas .....	278	105	-	-	-	165.7	-
Mountain .....	16,077	14,909	16,090	16,710	11,791	7.8	8.1
Arizona .....	28	-	-	78	69	-	-19.8
Colorado .....	3	3	3	3	2	5.3	9.1
Idaho .....	233	66	121	39	65	252.5	37.6
Montana .....	-	4	3	27	-	-100.0	-
Nevada .....	3,483	3,857	3,431	2,626	2,265	-9.7	11.3
New Mexico .....	*	*	-	-	-	-	-
Utah .....	12,329	10,979	12,531	13,936	9,389	12.3	7.0
Wyoming .....	*	*	-	-	*	NM	2.1
Pacific .....	5,828	5,628	4,837	2,865	2,366	3.6	25.3
California .....	5,492	5,130	4,711	2,718	2,240	7.0	25.1
Hawaii .....	-	-	34	21	-	-	-
Oregon .....	234	431	1	7	*	-45.7	382.9
Washington .....	103	67	92	119	125	53.4	-4.8
<b>Washington .....</b>	<b>4,270</b>	<b>4,074</b>	<b>4,622</b>	<b>4,481</b>	<b>4,526</b>	<b>4.8</b>	<b>-1.4</b>
Pacific .....	4,270	4,074	4,622	4,481	4,526	4.8	-1.4
Oregon .....	-	-	-	*	3	-	-
Washington .....	4,270	4,074	4,622	4,480	4,523	4.8	-1.4
<b>Wyoming .....</b>	<b>334,349</b>	<b>333,253</b>	<b>311,162</b>	<b>278,255</b>	<b>276,723</b>	<b>.3</b>	<b>4.8</b>
New England .....	27	-	33	-	-	-	-
Connecticut .....	10	-	33	-	-	-	-
New Hampshire .....	17	-	-	-	-	-	-
Middle Atlantic .....	4,336	-	-	-	-	-	-
New York .....	20	-	-	-	-	-	-
Pennsylvania .....	4,316	-	-	-	-	-	-
East North Central .....	81,049	75,706	72,475	65,944	62,041	7.1	6.9
Illinois .....	28,567	23,311	20,866	20,528	17,734	22.5	12.7
Indiana .....	15,938	14,315	17,282	16,451	18,079	11.3	-3.1
Michigan .....	9,809	10,462	11,936	9,558	8,551	-6.2	3.5

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Wyoming (Continued)</b>							
Ohio.....	2,697	3,840	2,435	1,481	37	-29.8	193.0
Wisconsin.....	24,038	23,778	19,956	17,925	17,640	1.1	8.0
West North Central.....	88,245	95,949	94,146	81,627	82,593	-8.0	1.7
Iowa.....	19,173	24,100	20,690	17,593	18,121	-20.4	1.4
Kansas.....	13,600	13,751	14,373	11,759	11,772	-1.1	3.7
Minnesota.....	10,879	8,968	8,568	9,224	8,569	21.3	6.1
Missouri.....	32,300	35,958	38,358	33,300	33,312	-10.2	-8
Nebraska.....	11,041	12,226	11,661	9,198	10,464	-9.7	1.3
North Dakota.....	208	-	65	144	*	-	NM
South Dakota.....	1,046	947	430	410	355	10.5	31.0
South Atlantic.....	11,628	8,372	7,069	6,705	7,409	38.9	11.9
Florida.....	104	416	1,064	971	591	-75.0	-35.2
Georgia.....	6,928	6,805	5,950	5,688	6,818	1.8	.4
North Carolina.....	152	28	-	40	-	438.3	-
South Carolina.....	247	1,122	-	-	-	-78.0	-
Virginia.....	-	-	55	-	-	-	-
West Virginia.....	4,198	-	-	7	-	-	-
East South Central.....	16,549	15,210	10,235	7,826	4,010	8.8	42.5
Alabama.....	11,334	10,679	6,017	5,205	3,686	6.1	32.4
Kentucky.....	1,618	1,789	-	-	-	-9.5	-
Mississippi.....	306	-	468	291	26	-	85.0
Tennessee.....	3,291	2,743	3,750	2,330	298	20.0	82.4
West South Central.....	92,117	94,975	88,046	80,727	86,413	-3.0	1.6
Arkansas.....	13,699	15,167	13,353	11,600	14,614	-9.7	-1.6
Louisiana.....	11,058	11,130	10,346	9,628	9,209	-6	4.7
Oklahoma.....	18,014	21,063	19,258	18,462	19,751	-14.5	-2.3
Texas.....	49,346	47,614	45,089	41,037	42,839	3.6	3.6
Mountain.....	34,198	40,727	37,068	34,418	33,363	-16.0	.6
Arizona.....	1,898	142	368	57	-	NM	-
Colorado.....	9,165	11,077	8,132	6,692	6,124	-17.3	10.6
Idaho.....	215	249	392	324	268	-13.8	-5.4
Montana.....	729	724	457	572	513	.7	9.2
Nevada.....	-	-	-	17	204	-	-
Utah.....	260	15	*	*	1	NM	287.0
Wyoming.....	21,931	28,519	27,719	26,756	26,253	-23.1	-4.4
Pacific.....	1,845	2,311	2,063	996	894	-20.2	19.8
California.....	-	189	-	29	-	-100.0	-
Oregon.....	1,845	2,040	2,062	966	894	-9.6	19.9
Washington.....	*	83	1	1	1	-99.7	-23.4
<b>U.S. Total.....</b>	<b>1,021,612</b>	<b>1,041,823</b>	<b>1,042,236</b>	<b>995,664</b>	<b>967,693</b>	<b>-1.9</b>	<b>1.4</b>
New England.....	3,487	3,116	5,478	6,414	5,334	11.9	-10.1
Connecticut.....	1,566	801	1,418	1,590	1,602	95.4	-6
Maine.....	180	182	258	423	301	-1.4	-12.1
Massachusetts.....	940	1,351	2,798	3,225	2,475	-30.5	-21.5
New Hampshire.....	798	777	1,000	1,064	951	2.6	-4.3
Rhode Island.....	2	2	2	3	3	51.3	-7.2
Vermont.....	1	2	2	110	2	-22.5	-4.0
Middle Atlantic.....	71,785	66,499	74,961	76,487	73,489	7.9	-6
New Jersey.....	3,590	2,807	2,952	3,334	2,927	27.9	5.2
New York.....	10,141	10,550	12,427	11,807	11,459	-3.9	-3.0
Pennsylvania.....	58,054	53,143	59,582	61,345	59,103	9.2	-4
East North Central.....	231,305	244,466	245,289	237,757	228,473	-5.4	.3
Illinois.....	47,461	48,583	48,838	49,647	44,547	-2.3	1.6
Indiana.....	61,487	65,457	65,893	62,630	62,741	-6.1	-5
Michigan.....	34,483	36,125	39,731	36,629	33,186	-4.5	1.0
Ohio.....	60,346	66,294	63,646	61,990	61,713	-9.0	-6
Wisconsin.....	27,528	28,007	27,180	26,860	26,285	-1.7	1.2
West North Central.....	139,619	153,530	147,000	131,862	136,573	-9.1	.5
Iowa.....	21,102	30,946	23,803	20,339	21,017	-31.8	.1
Kansas.....	16,320	16,147	16,601	13,761	13,987	1.1	3.9
Minnesota.....	22,104	18,814	19,447	18,485	18,679	17.5	4.3
Missouri.....	36,358	41,098	42,019	37,897	40,064	-11.5	-2.4
Nebraska.....	11,189	12,257	11,855	9,382	10,726	-8.7	1.1
North Dakota.....	31,500	31,826	31,139	29,717	30,444	-1.0	.9
South Dakota.....	1,046	2,443	2,135	2,281	1,657	-57.2	-10.9
South Atlantic.....	178,182	166,646	174,010	166,712	161,026	6.9	2.6

See footnotes at end of table.

**Table 59. Domestic Distribution of U.S. Coal by Coal-Producing Region and State, and Destination Census Division and State, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing Region and State, and Destination Census Division and State	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>U.S. Total (Continued)</b>							
Delaware .....	1,664	1,362	2,440	1,734	1,834	22.2	-2.4
District of Columbia .....	7	9	8	40	23	-27.6	-27.3
Florida .....	24,418	23,426	27,078	27,692	26,285	4.2	-1.8
Georgia .....	32,739	33,795	31,576	29,910	29,074	-3.1	3.0
Maryland .....	12,737	12,996	11,171	10,489	10,762	-2.0	4.3
North Carolina .....	29,224	24,805	27,717	26,505	27,414	17.8	1.6
South Carolina .....	15,034	15,293	15,651	13,761	13,373	-1.7	3.0
Virginia .....	22,294	19,328	19,792	18,638	16,214	15.3	8.3
West Virginia .....	40,065	35,632	38,576	37,945	36,047	12.4	2.7
East South Central .....	107,353	111,684	109,919	108,483	105,708	-3.9	.4
Alabama .....	32,665	31,482	31,530	32,056	33,057	3.8	-3
Kentucky .....	43,059	42,567	42,704	33,215	34,438	1.1	5.7
Mississippi .....	3,319	5,812	5,949	6,141	5,702	-42.9	-12.7
Tennessee .....	28,311	31,822	29,736	37,071	32,510	-11.0	-3.4
West South Central .....	151,542	156,923	152,028	143,816	145,394	-3.4	1.0
Arkansas .....	14,099	15,380	13,536	11,921	14,918	-8.3	-1.4
Louisiana .....	16,408	14,584	15,776	14,663	13,526	12.5	4.9
Oklahoma .....	19,555	22,642	20,957	19,879	21,584	-13.6	-2.4
Texas .....	101,480	104,316	101,759	97,353	95,367	-2.7	1.6
Mountain .....	116,905	122,731	118,198	113,046	101,497	-4.8	3.6
Arizona .....	21,538	20,332	19,751	17,351	15,785	5.9	8.1
Colorado .....	22,646	24,490	20,158	19,022	16,920	-7.5	7.6
Idaho .....	448	315	533	363	333	42.0	7.7
Montana .....	10,455	11,077	10,825	9,617	8,359	-5.6	5.8
Nevada .....	8,195	8,363	7,976	7,110	7,072	-2.0	3.8
New Mexico .....	16,582	16,521	15,950	15,886	15,097	.4	2.4
Utah .....	14,863	12,918	15,074	16,775	11,175	15.1	7.4
Wyoming .....	22,178	28,715	27,930	26,922	26,757	-22.8	-4.6
Pacific .....	14,693	14,616	14,108	9,596	8,790	.5	13.7
Alaska .....	847	1,036	970	743	697	-18.3	5.0
California .....	5,691	5,335	4,789	2,794	2,240	6.7	26.2
Hawaii .....	*	-	34	21	-	-	-
Oregon .....	2,098	4,021	2,092	1,079	1,028	-47.8	19.5
Washington .....	6,058	4,224	6,224	4,958	4,825	43.4	5.8

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Note: Destination State totals may not sum to the Coal-Producing State totals due to unknown or unavailable Destination State(s), and as a result U.S. Total may not equal sum of Destination State(s). Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."



**Table 60. Foreign Distribution of U.S. Coal by Major Coal-Exporting States and Destination, 1996-2000**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Alabama</b> .....	<b>4,807</b>	<b>3,307</b>	<b>4,801</b>	<b>5,813</b>	<b>4,864</b>	<b>45.3</b>	<b>-0.3</b>
Argentina .....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg .....	640	880	701	898	703	-27.3	-2.3
Brazil.....	1,036	821	570	901	566	26.3	16.3
Bulgaria.....	219	-	145	244	208	-	1.2
Egypt.....	279	-	-	-	-	-	-
France.....	69	-	-	-	-	-	-
Germany, FR .....	212	-	103	224	184	-	3.5
Italy .....	193	376	417	491	659	-48.5	-26.4
Japan .....	101	199	349	459	861	-49.3	-41.5
Netherlands .....	396	258	345	303	73	53.7	52.5
Romania.....	-	-	552	274	170	-	-
South Africa, Rep of .....	-	-	-	-	57	-	-
Spain .....	424	77	248	200	52	449.7	69.0
Turkey.....	696	111	211	408	326	NM	20.9
United Kingdom .....	321	534	855	1,151	789	-39.8	-20.1
<b>Alaska</b> .....	<b>734</b>	<b>537</b>	<b>371</b>	<b>680</b>	<b>776</b>	<b>36.7</b>	<b>-1.4</b>
Korea, Republic of .....	-	537	371	662	776	-100.0	-
Unknown.....	734	-	-	18	-	-	-
<b>Colorado</b> .....	<b>1,099</b>	<b>1,819</b>	<b>1,754</b>	<b>1,523</b>	<b>1,415</b>	<b>-39.6</b>	<b>-6.1</b>
China (Taiwan).....	-	-	-	75	219	-	-
Israel.....	-	-	-	-	30	-	-
Japan .....	1,099	467	422	296	343	135.5	33.8
Korea, Republic of .....	-	-	-	-	65	-	-
Mexico .....	-	1,352	1,332	1,152	758	-100.0	-
<b>Kentucky</b> .....	<b>4,382</b>	<b>4,636</b>	<b>6,931</b>	<b>7,220</b>	<b>9,143</b>	<b>-5.5</b>	<b>-16.8</b>
Belgium & Luxembourg .....	-	-	44	54	67	-	-
Canada .....	1,630	1,497	1,459	739	1,178	8.9	8.5
China (Taiwan).....	-	691	1,867	2,292	1,978	-100.0	-
Finland .....	-	-	-	-	4	-	-
France.....	48	121	422	569	548	-60.6	-45.7
Germany, FR .....	48	31	71	-	-	54.9	-
Iceland.....	87	53	62	107	119	64.1	-7.5
India .....	23	15	-	-	-	56.1	-
Italy .....	518	379	291	182	1,745	36.6	-26.2
Jamaica.....	-	-	-	56	17	-	-
Japan .....	228	-	627	223	93	-	25.2
Korea, Republic of .....	-	-	-	795	1,876	-	-
Netherlands .....	977	794	1,096	1,364	581	23.0	13.9
Norway.....	46	96	138	198	140	-52.4	-24.3
Portugal.....	-	-	-	-	229	-	-
Saudi Arabia.....	-	-	42	48	22	-	-
Spain .....	-	36	-	-	-	-100.0	-
Sweden.....	20	142	33	-	-	-85.7	-
United Kingdom .....	757	780	781	592	548	-2.9	8.4
<b>Pennsylvania</b> .....	<b>7,823</b>	<b>6,966</b>	<b>7,908</b>	<b>8,698</b>	<b>9,246</b>	<b>12.3</b>	<b>-4.1</b>
Belgium & Luxembourg .....	-	-	84	146	-	-	-
Brazil.....	321	437	382	715	261	-26.7	5.3
Canada .....	2,874	2,552	2,286	2,612	1,050	12.6	28.6
Croatia.....	90	-	-	-	-	-	-
Denmark.....	-	-	672	467	801	-	-
Dominican Republic.....	-	-	76	64	50	-	-
Finland .....	-	-	-	229	283	-	-
France.....	687	-	86	-	89	-	66.9
Germany, FR .....	732	788	775	135	256	-7.1	30.1
Greece .....	-	-	-	-	491	-	-
Ireland .....	601	1,040	1,203	1,116	1,067	-42.2	-13.4
Israel.....	75	723	800	861	1,068	-89.5	-48.4
Italy .....	89	-	85	-	89	-	.3
Jamaica.....	27	-	-	-	-	-	-
Japan .....	111	213	373	903	1,057	-47.7	-43.0
Korea, Republic of .....	-	40	74	175	195	-100.0	-
Morocco .....	861	-	75	118	173	-	49.4
Netherlands .....	641	527	104	482	732	21.6	-3.3
Norway.....	-	-	-	11	30	-	-

See footnotes at end of table.

**Table 60. Foreign Distribution of U.S. Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Pennsylvania (Continued)</b>							
Peru .....	15	12	71	13	-	28.4	-
Portugal .....	465	451	275	261	592	2.9	-5.9
South Africa, Rep of .....	83	179	366	384	112	-53.6	-7.2
Spain .....	-	-	16	-	-	-	-
United Kingdom .....	147	-	101	-	851	-	-35.5
Venezuela .....	4	4	4	5	1	-1.7	37.6
<b>Utah .....</b>	<b>3,073</b>	<b>2,313</b>	<b>2,535</b>	<b>3,414</b>	<b>5,305</b>	<b>32.9</b>	<b>-12.8</b>
Chile .....	-	-	-	38	445	-	-
China (Taiwan) .....	183	406	117	597	648	-54.8	-27.1
Ecuador .....	-	-	-	38	-	-	-
Japan .....	2,890	1,907	2,418	2,499	4,058	51.5	-8.1
Korea, Republic of .....	-	-	-	242	154	-	-
<b>Virginia .....</b>	<b>9,406</b>	<b>8,770</b>	<b>12,810</b>	<b>12,841</b>	<b>13,432</b>	<b>7.3</b>	<b>-8.5</b>
Algeria .....	179	323	400	299	206	-44.6	-3.4
Belgium & Luxembourg .....	431	474	948	945	1,078	-9.1	-20.5
Brazil .....	1,744	1,296	2,273	1,347	1,228	34.6	9.2
Canada .....	280	734	719	508	387	-61.9	-7.8
China (Taiwan) .....	-	144	179	180	-	-100.0	-
Egypt .....	426	296	548	178	835	44.2	-15.5
Finland .....	117	-	-	55	-	-	-
France .....	1,759	1,342	1,964	984	910	31.1	17.9
Germany, FR .....	-	-	-	93	-	-	-
Italy .....	1,529	1,123	1,817	2,318	2,198	36.1	-8.7
Japan .....	31	135	218	1,508	2,300	-77.2	-65.9
Korea, Republic of .....	1,756	1,570	1,361	1,272	466	11.8	39.3
Netherlands .....	139	273	455	650	1,193	-49.3	-41.6
Portugal .....	-	-	-	62	145	-	-
Romania .....	-	-	51	72	32	-	-
South Africa, Rep of .....	-	-	-	-	76	-	-
Spain .....	699	915	1,581	1,361	1,370	-23.6	-15.5
Sweden .....	-	-	-	-	185	-	-
Turkey .....	176	-	-	81	24	-	63.9
United Kingdom .....	140	144	296	928	798	-3.1	-35.3
<b>West Virginia .....</b>	<b>23,212</b>	<b>22,848</b>	<b>37,531</b>	<b>38,459</b>	<b>42,044</b>	<b>1.6</b>	<b>-13.8</b>
Algeria .....	158	48	-	-	-	229.2	-
Belgium & Luxembourg .....	416	298	774	1,463	2,182	39.6	-33.9
Brazil .....	1,780	1,829	3,378	3,929	4,256	-2.7	-19.6
Bulgaria .....	675	438	857	1,008	1,214	53.9	-13.7
Canada .....	9,145	9,474	10,500	8,291	7,222	-3.5	6.1
Chile .....	-	35	48	25	195	-100.0	-
China (Taiwan) .....	111	-	139	188	353	-	-25.1
Denmark .....	-	-	-	70	-	-	-
Egypt .....	148	-	413	807	303	-	-16.3
Finland .....	211	188	455	324	507	12.0	-19.7
France .....	1,982	1,939	2,740	2,579	3,676	2.2	-14.3
Germany, FR .....	122	98	349	453	943	24.9	-40.0
India .....	-	-	-	-	11	-	-
Israel .....	-	-	101	211	375	-	-
Italy .....	1,953	1,950	2,948	3,879	4,965	.2	-20.8
Jamaica .....	-	-	30	8	36	-	-
Japan .....	519	1,375	2,975	2,585	2,062	-62.3	-29.2
Korea, Republic of .....	74	270	879	829	1,050	-72.5	-48.4
Mexico .....	-	-	256	25	-	-	-
Morocco .....	122	-	67	96	1,111	-	-42.5
Netherlands .....	1,458	1,039	2,152	2,425	1,636	40.4	-2.8
Peru .....	-	5	-	-	-	-100.0	-
Portugal .....	190	288	450	889	1,128	-34.2	-35.9
Romania .....	425	172	491	1,737	1,315	147.6	-24.6
South Africa, Rep of .....	310	260	992	706	947	19.4	-24.3
Spain .....	899	659	758	758	887	36.4	.3
Sweden .....	534	420	740	657	882	27.1	-11.8
Turkey .....	501	465	1,322	1,295	1,655	7.7	-25.8
United Kingdom .....	1,478	1,597	3,716	3,223	3,133	-7.5	-17.1

See footnotes at end of table.

**Table 60. Foreign Distribution of U.S. Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Wyoming</b> .....	<b>4,780</b>	<b>3,774</b>	<b>3,729</b>	<b>2,541</b>	<b>2,395</b>	<b>26.6</b>	<b>18.9</b>
Canada .....	2,852	2,951	1,931	818	443	-3.4	59.3
Mexico .....	-	-	12	-	-	-	-
Netherlands .....	-	-	-	-	63	-	-
Spain .....	1,929	823	1,786	1,723	1,889	134.4	.5
<b>Major States Total</b> .....	<b>59,315</b>	<b>54,969</b>	<b>78,371</b>	<b>81,189</b>	<b>88,620</b>	<b>7.9</b>	<b>-9.5</b>
Algeria .....	337	371	400	299	206	-9.2	13.1
Argentina .....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg .....	1,487	1,652	2,552	3,506	4,030	-10.0	-22.1
Brazil.....	4,881	4,383	6,603	6,892	6,310	11.4	-6.2
Bulgaria.....	893	438	1,002	1,252	1,422	103.7	-11.0
Canada .....	16,781	17,209	16,895	12,967	10,280	-2.5	13.0
Chile.....	-	35	48	64	640	-100.0	-
China (Taiwan).....	294	1,240	2,301	3,332	3,197	-76.3	-44.9
Croatia.....	90	-	-	-	-	-	-
Denmark.....	-	-	672	538	801	-	-
Dominican Republic.....	-	-	76	64	50	-	-
Ecuador.....	-	-	-	38	-	-	-
Egypt.....	854	296	961	985	1,138	188.9	-6.9
Finland .....	328	188	455	609	794	74.4	-19.8
France.....	4,545	3,403	5,212	4,132	5,223	33.6	-3.4
Germany, FR .....	1,114	917	1,298	906	1,383	21.5	-5.3
Greece .....	-	-	-	-	491	-	-
Iceland.....	87	53	62	107	119	64.1	-7.5
India .....	23	15	-	-	11	56.1	19.2
Ireland .....	601	1,040	1,203	1,116	1,067	-42.2	-13.4
Israel.....	75	723	901	1,071	1,473	-89.5	-52.4
Italy .....	4,283	3,829	5,558	6,869	9,656	11.9	-18.4
Jamaica.....	27	-	30	64	53	-	-15.6
Japan .....	4,978	4,296	7,382	8,473	10,774	15.9	-17.5
Korea, Republic of .....	1,830	2,417	2,684	3,974	4,582	-24.3	-20.5
Mexico .....	-	1,352	1,599	1,177	758	-100.0	-
Morocco .....	983	-	141	214	1,284	-	-6.5
Netherlands .....	3,611	2,892	4,152	5,224	4,278	24.9	-4.1
Norway.....	46	96	138	210	169	-52.4	-27.9
Peru .....	15	17	71	13	-	-7.7	-
Portugal.....	654	740	725	1,212	2,094	-11.5	-25.2
Romania.....	425	172	1,093	2,083	1,517	147.6	-27.3
Saudi Arabia.....	-	-	42	48	22	-	-
South Africa, Rep of .....	394	439	1,359	1,090	1,192	-10.4	-24.2
Spain .....	3,950	2,509	4,389	4,042	4,197	57.4	-1.5
Sweden.....	554	562	773	657	1,066	-1.4	-15.1
Turkey .....	1,374	576	1,533	1,784	2,005	138.3	-9.0
United Kingdom.....	2,843	3,055	5,750	5,894	6,119	-6.9	-17.4
Venezuela.....	4	4	4	5	1	-1.7	37.6
Unknown.....	734	-	-	18	-	-	-
<b>Other States Total</b> .....	<b>1,027</b>	<b>929</b>	<b>1,815</b>	<b>2,043</b>	<b>3,579</b>	<b>10.6</b>	<b>-26.8</b>
Belgium & Luxembourg .....	-	-	-	-	76	-	-
Brazil.....	-	-	-	-	1	-	-
Canada .....	742	762	1,018	438	319	-2.6	23.5
Denmark.....	-	-	-	-	364	-	-
Germany, FR .....	-	-	-	56	325	-	-
Ireland .....	-	92	20	-	80	-100.0	-
Japan .....	-	-	99	80	66	-	-
Mexico .....	10	8	2	-	-	20.4	-
Morocco .....	-	-	-	-	103	-	-
Netherlands .....	-	-	-	-	120	-	-
Sweden.....	-	-	-	-	25	-	-
United Kingdom.....	-	-	208	662	805	-	-
Unknown.....	275	67	468	806	1,294	311.2	-32.1
<b>U.S. Total</b> .....	<b>60,342</b>	<b>55,898</b>	<b>80,185</b>	<b>83,232</b>	<b>92,199</b>	<b>7.9</b>	<b>-10.1</b>
Algeria .....	337	371	400	299	206	-9.2	13.1
Argentina .....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg .....	1,487	1,652	2,552	3,506	4,106	-10.0	-22.4
Brazil.....	4,881	4,383	6,603	6,892	6,312	11.4	-6.2

See footnotes at end of table.

**Table 60. Foreign Distribution of U.S. Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>U.S. Total (Continued)</b>							
Bulgaria.....	893	438	1,002	1,252	1,422	103.7	-11.0
Canada .....	17,523	17,971	17,913	13,405	10,599	-2.5	13.4
Chile.....	-	35	48	64	640	-100.0	-
China (Taiwan).....	294	1,240	2,301	3,332	3,197	-76.3	-44.9
Croatia.....	90	-	-	-	-	-	-
Denmark.....	-	-	672	538	1,165	-	-
Dominican Republic.....	-	-	76	64	50	-	-
Ecuador.....	-	-	-	38	-	-	-
Egypt.....	854	296	961	985	1,138	188.9	-6.9
Finland.....	328	188	455	609	794	74.4	-19.8
France.....	4,545	3,403	5,212	4,132	5,223	33.6	-3.4
Germany, FR.....	1,114	917	1,298	962	1,708	21.5	-10.1
Greece.....	-	-	-	-	491	-	-
Iceland.....	87	53	62	107	119	64.1	-7.5
India.....	23	15	-	-	11	56.1	19.2
Ireland.....	601	1,131	1,224	1,116	1,147	-46.8	-14.9
Israel.....	75	723	901	1,071	1,473	-89.5	-52.4
Italy.....	4,283	3,829	5,558	6,869	9,656	11.9	-18.4
Jamaica.....	27	-	30	64	53	-	-15.6
Japan.....	4,978	4,296	7,481	8,553	10,840	15.9	-17.7
Korea, Republic of.....	1,830	2,417	2,684	3,974	4,582	-24.3	-20.5
Mexico.....	10	1,361	1,601	1,177	758	-99.3	-66.0
Morocco.....	983	-	141	214	1,388	-	-8.3
Netherlands.....	3,611	2,892	4,152	5,224	4,398	24.9	-4.8
Norway.....	46	96	138	210	169	-52.4	-27.9
Peru.....	15	17	71	13	-	-7.7	-
Portugal.....	654	740	725	1,212	2,094	-11.5	-25.2
Romania.....	425	172	1,093	2,083	1,517	147.6	-27.3
Saudi Arabia.....	-	-	42	48	22	-	-
South Africa, Rep of.....	394	439	1,359	1,090	1,192	-10.4	-24.2
Spain.....	3,950	2,509	4,389	4,042	4,197	57.4	-1.5
Sweden.....	554	562	773	657	1,091	-1.4	-15.6
Turkey.....	1,374	576	1,533	1,784	2,005	138.3	-9.0
United Kingdom.....	2,843	3,055	5,957	6,556	6,925	-6.9	-19.9
Venezuela.....	4	4	4	5	1	-1.7	37.6
Unknown.....	1,009	67	468	825	1,294	NM	-6.0

NM Not meaningful as value is greater than 500 percent.

Notes: Major coal-exporting States are those with total coal exports of over 500,000 short tons in 2000. Totals may not equal sum of components due to independent rounding.

Sources: Values shown for destinations other than Canada and Mexico are estimates based upon information reported on Energy Information Administration Form EIA-6A, "Coal Distribution Report," and coal export data presented in King's COALBASE (King Publishing Corporation, Knoxville, Tennessee). See the Explanatory Notes for a complete description of the methodology used to develop these estimates. Values shown for Canada and Mexico are based upon Form EIA-6A.

**Table 61. Foreign Distribution of U.S. Metallurgical Coal by Major Coal-Exporting States and Destination, 1996-2000**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Alabama</b> .....	<b>4,721</b>	<b>3,307</b>	<b>4,743</b>	<b>5,699</b>	<b>4,523</b>	<b>42.7</b>	<b>1.1</b>
Argentina .....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg .....	640	880	701	898	703	-27.3	-2.3
Brazil .....	1,036	821	570	901	566	26.3	16.3
Bulgaria.....	219	-	145	244	208	-	1.2
Egypt.....	279	-	-	-	-	-	-
France.....	69	-	-	-	-	-	-
Germany, FR .....	212	-	103	224	184	-	3.5
Italy .....	193	376	417	377	318	-48.5	-11.7
Japan .....	101	199	349	459	861	-49.3	-41.5
Netherlands .....	310	258	345	303	73	20.3	43.4
Romania.....	-	-	552	274	170	-	-
South Africa, Rep of .....	-	-	-	-	57	-	-
Spain .....	424	77	248	200	52	449.7	69.0
Turkey.....	696	111	211	408	326	NM	20.9
United Kingdom .....	321	534	797	1,151	789	-39.8	-20.1
<b>Colorado</b> .....	-	-	-	-	<b>30</b>	-	<b>-100.0</b>
Japan .....	-	-	-	-	30	-	-
<b>Kentucky</b> .....	<b>4,382</b>	<b>3,907</b>	<b>5,042</b>	<b>4,762</b>	<b>5,303</b>	<b>12.2</b>	<b>-4.7</b>
Belgium & Luxembourg .....	-	-	44	54	67	-	-
Canada .....	1,630	1,459	1,459	739	1,178	11.7	8.5
China (Taiwan).....	-	-	87	181	-	-	-
France.....	48	121	422	569	548	-60.6	-45.7
Germany, FR .....	48	31	71	-	-	54.9	-
Iceland.....	87	53	62	107	119	64.1	-7.5
India .....	23	15	-	-	-	56.1	-
Italy .....	518	379	291	-	132	36.6	40.8
Japan .....	228	-	518	223	93	-	25.2
Korea, Republic of .....	-	-	-	795	1,876	-	-
Netherlands.....	977	794	1,096	1,255	581	23.0	13.9
Norway.....	46	96	138	198	140	-52.4	-24.3
Saudi Arabia.....	-	-	42	48	22	-	-
Spain .....	-	36	-	-	-	-100.0	-
Sweden.....	20	142	33	-	-	-85.7	-
United Kingdom .....	757	780	781	592	548	-2.9	8.4
<b>Pennsylvania</b> .....	<b>931</b>	<b>1,985</b>	<b>1,912</b>	<b>2,105</b>	<b>1,642</b>	<b>-53.1</b>	<b>-13.2</b>
Brazil.....	318	436	381	713	258	-27.1	5.3
Canada .....	-	20	17	-	-	-100.0	-
France.....	-	-	-	-	89	-	-
Germany, FR .....	419	758	598	-	-	-44.8	-
Japan .....	111	213	373	903	920	-47.7	-41.0
Korea, Republic of .....	-	40	74	106	101	-100.0	-
Netherlands.....	-	339	102	-	162	-100.0	-
South Africa, Rep of .....	83	179	366	384	112	-53.6	-7.2
<b>Utah</b> .....	-	-	-	<b>97</b>	<b>187</b>	-	<b>-100.0</b>
Japan .....	-	-	-	97	187	-	-
<b>Virginia</b> .....	<b>9,406</b>	<b>8,036</b>	<b>12,649</b>	<b>12,288</b>	<b>12,760</b>	<b>17.0</b>	<b>-7.3</b>
Algeria .....	179	323	400	299	206	-44.6	-3.4
Belgium & Luxembourg .....	431	474	948	945	1,078	-9.1	-20.5
Brazil .....	1,744	1,296	2,273	1,347	1,228	34.6	9.2
Canada .....	280	-	719	508	387	-	-7.8
China (Taiwan).....	-	144	179	180	-	-100.0	-
Egypt.....	426	296	548	178	835	44.2	-15.5
Finland.....	117	-	-	55	-	-	-
France.....	1,759	1,342	1,964	984	910	31.1	17.9
Germany, FR .....	-	-	-	93	-	-	-
Italy .....	1,529	1,123	1,655	1,776	1,696	36.1	-2.6
Japan .....	31	135	218	1,508	2,300	-77.2	-65.9
Korea, Republic of .....	1,756	1,570	1,361	1,272	466	11.8	39.3
Netherlands.....	139	273	455	650	1,193	-49.3	-41.6
Portugal.....	-	-	-	62	-	-	-
Romania.....	-	-	51	72	32	-	-
South Africa, Rep of .....	-	-	-	-	76	-	-
Spain .....	699	915	1,581	1,350	1,370	-23.6	-15.5

See footnotes at end of table.

**Table 61. Foreign Distribution of U.S. Metallurgical Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Virginia (Continued)</b>							
Sweden.....	-	-	-	-	185	-	-
Turkey.....	176	-	-	81	-	-	-
United Kingdom.....	140	144	296	928	798	-3.1	-35.3
<b>West Virginia</b> .....	<b>18,565</b>	<b>20,120</b>	<b>32,224</b>	<b>30,327</b>	<b>31,717</b>	<b>-7.7</b>	<b>-12.5</b>
Algeria.....	158	48	-	-	-	229.2	-
Belgium & Luxembourg.....	342	298	602	822	1,261	15.0	-27.8
Brazil.....	1,780	1,829	3,378	3,927	4,247	-2.7	-19.5
Bulgaria.....	675	438	857	1,008	1,152	53.9	-12.5
Canada.....	5,974	7,547	8,945	6,956	6,907	-20.8	-3.6
Chile.....	-	-	-	-	43	-	-
China (Taiwan).....	111	-	139	188	353	-	-25.1
Egypt.....	148	-	413	807	303	-	-16.3
Finland.....	211	188	455	324	507	12.0	-19.7
France.....	1,914	1,939	2,740	2,286	2,859	-1.3	-9.5
Germany, FR.....	64	98	349	419	584	-34.4	-42.4
India.....	-	-	-	-	11	-	-
Italy.....	1,953	1,950	2,326	2,084	2,361	.2	-4.6
Japan.....	519	1,323	2,975	2,585	2,062	-60.8	-29.2
Korea, Republic of.....	74	270	879	829	1,050	-72.5	-48.4
Mexico.....	-	-	-	25	-	-	-
Netherlands.....	890	850	1,979	1,977	1,223	4.7	-7.6
Portugal.....	190	288	245	118	164	-34.2	3.7
Romania.....	425	172	491	1,737	1,315	147.6	-24.6
South Africa, Rep of.....	310	260	992	706	947	19.4	-24.3
Spain.....	899	642	758	681	818	39.9	2.4
Sweden.....	534	420	740	657	882	27.1	-11.8
Turkey.....	501	465	1,322	1,295	1,643	7.7	-25.7
United Kingdom.....	893	1,095	1,637	897	1,024	-18.4	-3.4
<b>Major States Total</b> .....	<b>38,005</b>	<b>37,355</b>	<b>56,569</b>	<b>55,278</b>	<b>56,162</b>	<b>1.7</b>	<b>-9.3</b>
Algeria.....	337	371	400	299	206	-9.2	13.1
Argentina.....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg.....	1,413	1,652	2,296	2,719	3,109	-14.5	-17.9
Brazil.....	4,879	4,382	6,602	6,888	6,298	11.3	-6.2
Bulgaria.....	893	438	1,002	1,252	1,361	103.7	-10.0
Canada.....	7,884	9,026	11,140	8,203	8,472	-12.6	-1.8
Chile.....	-	-	-	-	43	-	-
China (Taiwan).....	111	144	404	549	353	-22.6	-25.1
Egypt.....	854	296	961	985	1,138	188.9	-6.9
Finland.....	328	188	455	379	507	74.4	-10.3
France.....	3,790	3,403	5,126	3,839	4,406	11.4	-3.7
Germany, FR.....	743	887	1,121	736	769	-16.3	-9.9
Iceland.....	87	53	62	107	119	64.1	-7.5
India.....	23	15	-	-	11	56.1	19.2
Italy.....	4,194	3,829	4,690	4,238	4,507	9.5	-1.8
Japan.....	989	1,870	4,433	5,775	6,453	-47.1	-37.4
Korea, Republic of.....	1,830	1,880	2,313	3,001	3,493	-2.7	-14.9
Mexico.....	-	-	-	25	-	-	-
Netherlands.....	2,315	2,514	3,977	4,185	3,233	-7.9	-8.0
Norway.....	46	96	138	198	140	-52.4	-24.3
Portugal.....	190	288	245	179	164	-34.2	3.7
Romania.....	425	172	1,093	2,083	1,517	147.6	-27.3
Saudi Arabia.....	-	-	42	48	22	-	-
South Africa, Rep of.....	394	439	1,359	1,090	1,192	-10.4	-24.2
Spain.....	2,021	1,670	2,587	2,231	2,240	21.0	-2.5
Sweden.....	554	562	773	657	1,066	-1.4	-15.1
Turkey.....	1,374	576	1,533	1,784	1,969	138.3	-8.6
United Kingdom.....	2,111	2,553	3,512	3,568	3,160	-17.3	-9.6
<b>U.S. Total</b> .....	<b>38,005</b>	<b>37,355</b>	<b>56,569</b>	<b>55,278</b>	<b>56,162</b>	<b>1.7</b>	<b>-9.3</b>
Algeria.....	337	371	400	299	206	-9.2	13.1
Argentina.....	220	52	305	259	216	325.9	.4
Belgium & Luxembourg.....	1,413	1,652	2,296	2,719	3,109	-14.5	-17.9
Brazil.....	4,879	4,382	6,602	6,888	6,298	11.3	-6.2
Bulgaria.....	893	438	1,002	1,252	1,361	103.7	-10.0
Canada.....	7,884	9,026	11,140	8,203	8,472	-12.6	-1.8

See footnotes at end of table.

**Table 61. Foreign Distribution of U.S. Metallurgical Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>U.S. Total (Continued)</b>							
Chile.....	—	—	—	—	43	—	—
China (Taiwan).....	111	144	404	549	353	-22.6	-25.1
Egypt.....	854	296	961	985	1,138	188.9	-6.9
Finland.....	328	188	455	379	507	74.4	-10.3
France.....	3,790	3,403	5,126	3,839	4,406	11.4	-3.7
Germany, FR.....	743	887	1,121	736	769	-16.3	-9
Iceland.....	87	53	62	107	119	64.1	-7.5
India.....	23	15	—	—	11	56.1	19.2
Italy.....	4,194	3,829	4,690	4,238	4,507	9.5	-1.8
Japan.....	989	1,870	4,433	5,775	6,453	-47.1	-37.4
Korea, Republic of.....	1,830	1,880	2,313	3,001	3,493	-2.7	-14.9
Mexico.....	—	—	—	25	—	—	—
Netherlands.....	2,315	2,514	3,977	4,185	3,233	-7.9	-8.0
Norway.....	46	96	138	198	140	-52.4	-24.3
Portugal.....	190	288	245	179	164	-34.2	3.7
Romania.....	425	172	1,093	2,083	1,517	147.6	-27.3
Saudi Arabia.....	—	—	42	48	22	—	—
South Africa, Rep of.....	394	439	1,359	1,090	1,192	-10.4	-24.2
Spain.....	2,021	1,670	2,587	2,231	2,240	21.0	-2.5
Sweden.....	554	562	773	657	1,066	-1.4	-15.1
Turkey.....	1,374	576	1,533	1,784	1,969	138.3	-8.6
United Kingdom.....	2,111	2,553	3,512	3,568	3,160	-17.3	-9.6

NM Not meaningful as value is greater than 500 percent.

Notes: Major coal-exporting States are those with total coal exports of over 500,000 short tons in 2000. Totals may not equal sum of components due to independent rounding.

Sources: Values shown for destinations other than Canada and Mexico are estimates based upon information reported on Energy Information Administration Form EIA-6A, "Coal Distribution Report," and coal export data presented in King's COALBASE (King Publishing Corporation, Knoxville, Tennessee). See the Explanatory Notes for a complete description of the methodology used to develop these estimates. Values shown for Canada and Mexico are based upon Form EIA-6A.

**Table 62. Foreign Distribution of U.S. Steam Coal by Major Coal-Exporting States and Destination, 1996-2000**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Alabama</b> .....	<b>86</b>	-	<b>59</b>	<b>114</b>	<b>341</b>	-	<b>-29.1</b>
Italy .....	-	-	-	114	341	-	-
Netherlands .....	86	-	-	-	-	-	-
United Kingdom .....	-	-	59	-	-	-	-
<b>Alaska</b> .....	<b>734</b>	<b>537</b>	<b>371</b>	<b>698</b>	<b>776</b>	<b>36.7</b>	<b>-1.4</b>
Korea, Republic of .....	-	537	371	662	776	-100.0	-
Unknown .....	734	-	-	37	-	-	-
<b>Colorado</b> .....	<b>1,099</b>	<b>1,819</b>	<b>1,754</b>	<b>1,523</b>	<b>1,385</b>	<b>-39.6</b>	<b>-5.6</b>
China (Taiwan) .....	-	-	-	75	219	-	-
Israel .....	-	-	-	-	30	-	-
Japan .....	1,099	467	422	296	314	135.5	36.8
Korea, Republic of .....	-	-	-	-	65	-	-
Mexico .....	-	1,352	1,332	1,152	758	-100.0	-
<b>Kentucky</b> .....	-	<b>728</b>	<b>1,889</b>	<b>2,458</b>	<b>3,841</b>	<b>-100.0</b>	<b>-100.0</b>
Canada .....	-	38	-	-	-	-100.0	-
China (Taiwan) .....	-	691	1,780	2,111	1,978	-100.0	-
Finland .....	-	-	-	-	4	-	-
Italy .....	-	-	-	182	1,613	-	-
Jamaica .....	-	-	-	56	17	-	-
Japan .....	-	-	109	-	-	-	-
Netherlands .....	-	-	-	109	-	-	-
Portugal .....	-	-	-	-	229	-	-
<b>Pennsylvania</b> .....	<b>6,892</b>	<b>4,981</b>	<b>5,996</b>	<b>6,593</b>	<b>7,604</b>	<b>38.3</b>	<b>-2.4</b>
Belgium & Luxembourg .....	-	-	84	146	-	-	-
Brazil .....	3	1	1	2	3	104.7	.2
Canada .....	2,874	2,533	2,269	2,612	1,050	13.5	28.6
Croatia .....	90	-	-	-	-	-	-
Denmark .....	-	-	672	467	801	-	-
Dominican Republic .....	-	-	76	64	50	-	-
Finland .....	-	-	-	229	283	-	-
France .....	687	-	86	-	-	-	-
Germany, FR .....	313	30	177	135	256	NM	5.2
Greece .....	-	-	-	-	491	-	-
Ireland .....	601	1,040	1,203	1,116	1,067	-42.2	-13.4
Israel .....	75	723	800	861	1,068	-89.5	-48.4
Italy .....	89	-	85	-	89	-	.3
Jamaica .....	27	-	-	-	-	-	-
Japan .....	-	-	-	-	136	-	-
Korea, Republic of .....	-	-	-	70	94	-	-
Morocco .....	861	-	75	118	173	-	49.4
Netherlands .....	641	188	1	482	570	240.6	3.0
Norway .....	-	-	-	11	30	-	-
Peru .....	15	12	71	13	-	28.4	-
Portugal .....	465	451	275	261	592	2.9	-5.9
Spain .....	-	-	16	-	-	-	-
United Kingdom .....	147	-	101	-	851	-	-35.5
Venezuela .....	4	4	4	5	1	-1.7	37.6
<b>Utah</b> .....	<b>3,073</b>	<b>2,313</b>	<b>2,535</b>	<b>3,317</b>	<b>5,118</b>	<b>32.9</b>	<b>-12.0</b>
Chile .....	-	-	-	38	445	-	-
China (Taiwan) .....	183	406	117	597	648	-54.8	-27.1
Ecuador .....	-	-	-	38	-	-	-
Japan .....	2,890	1,907	2,418	2,402	3,871	51.5	-7.0
Korea, Republic of .....	-	-	-	242	154	-	-
<b>Virginia</b> .....	-	<b>734</b>	<b>162</b>	<b>553</b>	<b>671</b>	<b>-100.0</b>	<b>-100.0</b>
Canada .....	-	734	-	-	-	-100.0	-
Italy .....	-	-	162	542	502	-	-
Portugal .....	-	-	-	-	145	-	-
Spain .....	-	-	-	11	-	-	-
Turkey .....	-	-	-	-	24	-	-
<b>West Virginia</b> .....	<b>4,647</b>	<b>2,728</b>	<b>5,307</b>	<b>8,132</b>	<b>10,327</b>	<b>70.3</b>	<b>-18.1</b>
Belgium & Luxembourg .....	73	-	172	641	921	-	-46.9
Brazil .....	-	-	-	2	10	-	-

See footnotes at end of table.



**Table 62. Foreign Distribution of U.S. Steam Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>West Virginia (Continued)</b>							
Bulgaria.....	-	-	-	-	62	-	-
Canada .....	3,172	1,927	1,555	1,335	315	64.6	78.1
Chile.....	-	35	48	25	152	-100.0	-
Denmark.....	-	-	-	70	-	-	-
France.....	68	-	-	293	817	-	-46.2
Germany, FR .....	58	-	-	35	358	-	-36.5
Israel.....	-	-	101	211	375	-	-
Italy .....	-	-	621	1,794	2,604	-	-
Jamaica.....	-	-	30	8	36	-	-
Japan .....	-	52	-	-	-	-100.0	-
Mexico .....	-	-	256	-	-	-	-
Morocco.....	122	-	67	96	1,111	-	-42.5
Netherlands.....	569	189	173	448	413	200.6	8.4
Peru .....	-	5	-	-	-	-100.0	-
Portugal.....	-	-	206	771	964	-	-
Spain .....	-	17	-	77	69	-100.0	-
Turkey.....	-	-	-	-	12	-	-
United Kingdom.....	585	503	2,079	2,326	2,109	16.3	-27.4
<b>Wyoming.....</b>	<b>4,780</b>	<b>3,774</b>	<b>3,729</b>	<b>2,541</b>	<b>2,395</b>	<b>26.6</b>	<b>18.9</b>
Canada .....	2,852	2,951	1,931	818	443	-3.4	59.3
Mexico .....	-	-	12	-	-	-	-
Netherlands.....	-	-	-	-	63	-	-
Spain .....	1,929	823	1,786	1,723	1,889	134.4	.5
<b>Major States Total.....</b>	<b>21,310</b>	<b>17,614</b>	<b>21,802</b>	<b>25,929</b>	<b>32,458</b>	<b>21.0</b>	<b>-10.0</b>
Belgium & Luxembourg .....	73	-	256	787	921	-	-46.9
Brazil.....	3	1	1	4	12	104.7	-32.1
Bulgaria.....	-	-	-	-	62	-	-
Canada .....	8,897	8,183	5,754	4,764	1,808	8.7	48.9
Chile.....	-	35	48	64	597	-100.0	-
China (Taiwan).....	183	1,096	1,897	2,783	2,845	-83.3	-49.6
Croatia.....	90	-	-	-	-	-	-
Denmark.....	-	-	672	538	801	-	-
Dominican Republic.....	-	-	76	64	50	-	-
Ecuador.....	-	-	-	38	-	-	-
Finland.....	-	-	-	229	287	-	-
France.....	755	-	86	293	817	-	-1.9
Germany, FR .....	371	30	177	170	614	NM	-11.8
Greece.....	-	-	-	-	491	-	-
Ireland.....	601	1,040	1,203	1,116	1,067	-42.2	-13.4
Israel.....	75	723	901	1,071	1,473	-89.5	-52.4
Italy .....	89	-	868	2,632	5,149	-	-63.7
Jamaica.....	27	-	30	64	53	-	-15.6
Japan .....	3,989	2,426	2,949	2,698	4,321	64.4	-2.0
Korea, Republic of.....	-	537	371	973	1,089	-100.0	-
Mexico .....	-	1,352	1,599	1,152	758	-100.0	-
Morocco.....	983	-	141	214	1,284	-	-6.5
Netherlands.....	1,296	377	175	1,039	1,046	243.3	5.5
Norway.....	-	-	-	11	30	-	-
Peru .....	15	17	71	13	-	-7.7	-
Portugal.....	465	451	481	1,032	1,930	2.9	-29.9
Spain .....	1,929	840	1,802	1,811	1,957	129.7	-4
Turkey.....	-	-	-	-	37	-	-
United Kingdom.....	732	503	2,238	2,326	2,959	45.5	-29.5
Venezuela.....	4	4	4	5	1	-1.7	37.6
Unknown.....	734	-	-	37	-	-	-
<b>Other States Total.....</b>	<b>1,027</b>	<b>929</b>	<b>1,815</b>	<b>2,043</b>	<b>3,579</b>	<b>10.6</b>	<b>-26.8</b>
Belgium & Luxembourg .....	-	-	-	-	76	-	-
Brazil.....	-	-	-	-	1	-	-
Canada .....	742	762	1,018	438	319	-2.6	23.5
Denmark.....	-	-	-	-	364	-	-
Germany, FR .....	-	-	-	56	325	-	-
Ireland.....	-	92	20	-	80	-100.0	-
Japan .....	-	-	99	80	66	-	-
Mexico.....	10	8	2	-	-	20.4	-

See footnotes at end of table.

**Table 62. Foreign Distribution of U.S. Steam Coal by Major Coal-Exporting States and Destination, 1996-2000 (Continued)**  
(Thousand Short Tons)

Coal-Exporting State and Destination	2000	1999	1998	1997	1996	Percent Change 1999-2000	Average Annual Percent Change
							1996-2000
<b>Other States Total (Continued)</b>							
Morocco.....	-	-	-	-	103	-	-
Netherlands.....	-	-	-	-	120	-	-
Sweden.....	-	-	-	-	25	-	-
United Kingdom.....	-	-	208	662	805	-	-
Unknown.....	275	67	468	806	1,294	311.2	-32.1
<b>U.S. Total.....</b>	<b>22,337</b>	<b>18,543</b>	<b>23,616</b>	<b>27,972</b>	<b>36,037</b>	<b>20.5</b>	<b>-11.3</b>
Belgium & Luxembourg.....	73	-	256	787	997	-	-47.9
Brazil.....	3	1	1	4	14	104.7	-33.8
Bulgaria.....	-	-	-	-	62	-	-
Canada.....	9,639	8,945	6,772	5,202	2,127	7.8	45.9
Chile.....	-	35	48	64	597	-100.0	-
China (Taiwan).....	183	1,096	1,897	2,783	2,845	-83.3	-49.6
Croatia.....	90	-	-	-	-	-	-
Denmark.....	-	-	672	538	1,165	-	-
Dominican Republic.....	-	-	76	64	50	-	-
Ecuador.....	-	-	-	38	-	-	-
Finland.....	-	-	-	229	287	-	-
France.....	755	-	86	293	817	-	-1.9
Germany, FR.....	371	30	177	226	939	NM	-20.7
Greece.....	-	-	-	-	491	-	-
Ireland.....	601	1,131	1,224	1,116	1,147	-46.8	-14.9
Israel.....	75	723	901	1,071	1,473	-89.5	-52.4
Italy.....	89	-	868	2,632	5,149	-	-63.7
Jamaica.....	27	-	30	64	53	-	-15.6
Japan.....	3,989	2,426	3,048	2,778	4,387	64.4	-2.3
Korea, Republic of.....	-	537	371	973	1,089	-100.0	-
Mexico.....	10	1,361	1,601	1,152	758	-99.3	-66.0
Morocco.....	983	-	141	214	1,388	-	-8.3
Netherlands.....	1,296	377	175	1,039	1,165	243.3	2.7
Norway.....	-	-	-	11	30	-	-
Peru.....	15	17	71	13	-	-7.7	-
Portugal.....	465	451	481	1,032	1,930	2.9	-29.9
Spain.....	1,929	840	1,802	1,811	1,957	129.7	-4
Sweden.....	-	-	-	-	25	-	-
Turkey.....	-	-	-	-	37	-	-
United Kingdom.....	732	503	2,446	2,988	3,765	45.5	-33.6
Venezuela.....	4	4	4	5	1	-1.7	37.6
Unknown.....	1,009	67	468	843	1,294	NM	-6.0

NM Not meaningful as value is greater than 500 percent.

Notes: Major coal-exporting States are those with total coal exports of over 500,000 short tons in 2000. Totals may not equal sum of components due to independent rounding.

Sources: Values shown for destinations other than Canada and Mexico are estimates based upon information reported on Energy Information Administration Form EIA-6A, "Coal Distribution Report," and coal export data presented in King's COALBASE (King Publishing Corporation, Knoxville, Tennessee). See the Explanatory Notes for a complete description of the methodology used to develop these estimates. Values shown for Canada and Mexico are based upon Form EIA-6A.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: ALABAMA</b>					
<b>Alabama</b> .....	<b>11,761</b>	<b>266</b>	<b>2,334</b>	<b>53</b>	<b>14,414</b>
Railroad.....	5,621	94	339	—	6,054
River.....	4,912	—	—	—	4,912
Truck.....	1,228	172	1,995	53	3,448
<b>Arkansas</b> .....	—	—	<b>192</b>	—	<b>192</b>
Railroad.....	—	—	176	—	176
Truck.....	—	—	17	—	17
<b>Georgia</b> .....	<b>132</b>	—	—	—	<b>132</b>
Railroad.....	132	—	—	—	132
<b>Indiana</b> .....	—	<b>540</b>	—	—	<b>540</b>
Railroad.....	—	540	—	—	540
<b>Oklahoma</b> .....	—	—	*	—	*
Railroad.....	—	—	*	—	*
<b>Pennsylvania</b> .....	—	<b>206</b>	—	—	<b>206</b>
Railroad.....	—	206	—	—	206
<b>Tennessee</b> .....	—	—	<b>1</b>	—	<b>1</b>
Truck.....	—	—	1	—	1
<b>Unknown State</b> .....	—	—	—	—	<b>1 0</b>
Unknown.....	—	—	—	—	1 0
<b>State Total</b> .....	<b>11,893</b>	<b>1,012</b>	<b>2,528</b>	<b>53</b>	<sup>1</sup> <b>15,486</b>
Railroad.....	5,754	840	515	—	7,108
River.....	4,912	—	—	—	4,912
Truck.....	1,228	172	2,013	53	3,466
Unknown.....	—	—	—	—	1 0
<b>ORIGIN: ALASKA</b>					
<b>Alaska</b> .....	<b>324</b>	—	—	<b>523</b>	<b>847</b>
Railroad.....	154	—	—	462	616
Truck.....	170	—	—	61	231
<b>State Total</b> .....	<b>324</b>	—	—	<b>523</b>	<b>847</b>
Railroad.....	154	—	—	462	616
Truck.....	170	—	—	61	231
<b>ORIGIN: ARIZONA</b>					
<b>Arizona</b> .....	<b>8,275</b>	—	—	—	<b>8,275</b>
Railroad.....	8,275	—	—	—	8,275
<b>Nevada</b> .....	<b>4,711</b>	—	—	—	<b>4,711</b>
Tramway, Conveyor, and Slurry Pipeline.....	4,711	—	—	—	4,711
<b>State Total</b> .....	<b>12,986</b>	—	—	—	<b>12,986</b>
Railroad.....	8,275	—	—	—	8,275
Tramway, Conveyor, and Slurry Pipeline.....	4,711	—	—	—	4,711
<b>ORIGIN: ARKANSAS</b>					
<b>Missouri</b> .....	—	—	<b>9</b>	—	<b>9</b>
Truck.....	—	—	9	—	9
<b>Texas</b> .....	—	—	<b>2</b>	—	<b>2</b>
Truck.....	—	—	2	—	2
<b>State Total</b> .....	—	—	<b>11</b>	—	<b>11</b>
Truck.....	—	—	11	—	11
<b>ORIGIN: COLORADO</b>					
<b>Arizona</b> .....	<b>926</b>	—	<b>150</b>	*	<b>1,076</b>
Railroad.....	926	—	150	—	1,076
Truck.....	—	—	—	*	*
<b>Arkansas</b> .....	—	—	<b>121</b>	—	<b>121</b>
Railroad.....	—	—	121	—	121
<b>California</b> .....	<b>117</b>	—	<b>19</b>	—	<b>136</b>
Railroad.....	117	—	19	—	136

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: COLORADO (Continued)</b>					
<b>Colorado</b> .....	<b>12,348</b>	—	<b>1,040</b>	<b>74</b>	<b>13,462</b>
Railroad .....	9,224	—	836	66	10,127
Truck .....	3,123	—	204	8	3,335
<b>Illinois</b> .....	<b>1,505</b>	—	<b>442</b>	—	<b>1,947</b>
Railroad .....	804	—	442	—	1,245
River .....	702	—	—	—	702
<b>Indiana</b> .....	<b>35</b>	—	—	—	<b>35</b>
Railroad .....	23	—	—	—	23
River .....	12	—	—	—	12
<b>Iowa</b> .....	<b>393</b>	—	—	—	<b>393</b>
Railroad .....	393	—	—	—	393
<b>Kansas</b> .....	<b>708</b>	—	<b>11</b>	—	<b>719</b>
Railroad .....	708	—	11	—	719
<b>Kentucky</b> .....	<b>2,464</b>	—	—	—	<b>2,464</b>
Railroad .....	2,464	—	—	—	2,464
<b>Mississippi</b> .....	<b>544</b>	—	<b>10</b>	—	<b>554</b>
Railroad .....	544	—	10	—	554
<b>Missouri</b> .....	<b>1,363</b>	—	<b>216</b>	—	<b>1,579</b>
Railroad .....	689	—	—	—	689
River .....	674	—	216	—	890
<b>Nebraska</b> .....	<b>6</b>	—	<b>120</b>	—	<b>126</b>
Railroad .....	6	—	120	—	126
<b>New Mexico</b> .....	<b>23</b>	—	<b>76</b>	*	<b>99</b>
Truck .....	23	—	76	*	99
<b>Oklahoma</b> .....	—	—	<b>70</b>	—	<b>70</b>
Railroad .....	—	—	70	—	70
<b>Tennessee</b> .....	<b>1,121</b>	—	—	—	<b>1,121</b>
Railroad .....	584	—	—	—	584
River .....	536	—	—	—	536
<b>Texas</b> .....	<b>1,450</b>	—	<b>889</b>	—	<b>2,338</b>
Railroad .....	1,450	—	889	—	2,338
<b>Utah</b> .....	<b>1,531</b>	<b>319</b>	—	—	<b>1,849</b>
Railroad .....	1,531	319	—	—	1,849
<b>Wisconsin</b> .....	<b>12</b>	—	—	—	<b>12</b>
Railroad .....	12	—	—	—	12
<b>Wyoming</b> .....	—	—	<b>147</b>	—	<b>147</b>
Truck .....	—	—	147	—	147
<b>Unknown State</b> .....	—	—	—	—	<b>1 66</b>
Unknown .....	—	—	—	—	1 66
<b>State Total</b> .....	<b>24,545</b>	<b>319</b>	<b>3,309</b>	<b>75</b>	<sup>1</sup> <b>28,314</b>
Railroad .....	19,474	319	2,668	66	22,526
River .....	1,925	—	216	—	2,140
Truck .....	3,147	—	426	9	3,581
Unknown .....	—	—	—	—	1 66
<b>ORIGIN: ILLINOIS</b>					
<b>Alabama</b> .....	<b>1,426</b>	—	—	—	<b>1,426</b>
Railroad .....	534	—	—	—	534
River .....	578	—	—	—	578
Tidewater .....	314	—	—	—	314
<b>Connecticut</b> .....	—	—	*	—	*
Truck .....	—	—	*	—	*
<b>Florida</b> .....	<b>6,683</b>	—	—	—	<b>6,683</b>
River .....	6,683	—	—	—	6,683
<b>Illinois</b> .....	<b>7,692</b>	—	<b>2,860</b>	<b>170</b>	<b>10,722</b>
Railroad .....	4,818	—	1,248	1	6,067
River .....	220	—	76	19	316
Truck .....	2,653	—	1,527	149	4,329
Tramway, Conveyor, and Slurry Pipeline .....	—	—	10	—	10
<b>Indiana</b> .....	<b>4,005</b>	—	—	<b>2</b>	<b>4,006</b>
Railroad .....	2,894	—	—	—	2,894
River .....	736	—	—	2	737
Truck .....	375	—	—	—	375
<b>Iowa</b> .....	<b>303</b>	—	<b>678</b>	<b>83</b>	<b>1,064</b>
Railroad .....	21	—	254	—	276
River .....	282	—	215	83	580
Truck .....	—	—	208	*	208

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: ILLINOIS (Continued)</b>					
<b>Kentucky</b> .....	<b>145</b>	-	-	-	<b>145</b>
Railroad.....	143	-	-	-	143
Truck.....	2	-	-	-	2
<b>Louisiana</b> .....	<b>1,479</b>	-	-	-	<b>1,479</b>
River.....	1,479	-	-	-	1,479
<b>Minnesota</b> .....	<b>101</b>	-	-	-	<b>101</b>
River.....	101	-	-	-	101
<b>Mississippi</b> .....	<b>1,357</b>	-	<b>106</b>	-	<b>1,463</b>
River.....	147	-	106	-	253
Tidewater.....	1,210	-	-	-	1,210
<b>Missouri</b> .....	<b>1,214</b>	-	<b>369</b>	<b>152</b>	<b>1,735</b>
Railroad.....	580	-	-	-	580
River.....	478	-	-	-	478
Truck.....	155	-	369	152	677
<b>Ohio</b> .....	<b>113</b>	-	<b>7</b>	-	<b>120</b>
River.....	113	-	-	-	113
Truck.....	-	-	7	-	7
<b>Oklahoma</b> .....	-	-	<b>1</b>	-	<b>1</b>
River.....	-	-	1	-	1
<b>Tennessee</b> .....	<b>3,270</b>	-	-	-	<b>3,270</b>
Railroad.....	119	-	-	-	119
River.....	3,151	-	-	-	3,151
<b>West Virginia</b> .....	<b>2</b>	-	-	-	<b>2</b>
River.....	2	-	-	-	2
<b>Wisconsin</b> .....	<b>2</b>	-	<b>147</b>	-	<b>149</b>
Railroad.....	2	-	117	-	119
Great Lakes.....	-	-	31	-	31
<b>Wyoming</b> .....	<b>34</b>	-	-	-	<b>34</b>
Railroad.....	34	-	-	-	34
<b>Unknown State</b> .....	-	-	-	-	<b>1 25</b>
Unknown.....	-	-	-	-	1 25
<b>State Total</b> .....	<b>27,824</b>	-	<b>4,169</b>	<b>406</b>	<sup>1</sup> <b>32,424</b>
Railroad.....	9,145	-	1,619	1	10,765
River.....	13,970	-	399	104	14,472
Great Lakes.....	-	-	31	-	31
Tidewater.....	1,524	-	-	-	1,524
Truck.....	3,186	-	2,111	302	5,599
Tramway, Conveyor, and Slurry Pipeline.....	-	-	10	-	10
Unknown.....	-	-	-	-	1 25
<b>ORIGIN: INDIANA</b>					
<b>Illinois</b> .....	<b>60</b>	-	<b>10</b>	*	<b>70</b>
Railroad.....	-	-	10	-	10
River.....	55	-	-	-	55
Truck.....	5	-	-	*	5
<b>Indiana</b> .....	<b>23,927</b>	-	<b>2,463</b>	<b>270</b>	<b>26,660</b>
Railroad.....	15,408	-	277	*	15,685
River.....	13	-	1,167	-	1,180
Truck.....	7,758	-	1,019	270	9,047
Tramway, Conveyor, and Slurry Pipeline.....	748	-	-	-	748
<b>Iowa</b> .....	-	-	<b>10</b>	-	<b>10</b>
Railroad.....	-	-	10	-	10
<b>Kentucky</b> .....	<b>1,190</b>	-	-	-	<b>1,190</b>
Railroad.....	981	-	-	-	981
Truck.....	209	-	-	-	209
<b>Minnesota</b> .....	<b>62</b>	-	-	-	<b>62</b>
Railroad.....	62	-	-	-	62
<b>Missouri</b> .....	<b>7</b>	-	-	-	<b>7</b>
Railroad.....	7	-	-	-	7
<b>Oklahoma</b> .....	-	-	*	-	*
River.....	-	-	*	-	*
<b>Wisconsin</b> .....	<b>219</b>	-	<b>52</b>	-	<b>272</b>
Railroad.....	219	-	52	-	272
<b>Unknown State</b> .....	-	-	-	-	<b>1 14</b>
Unknown.....	-	-	-	-	1 14

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: INDIANA (Continued)</b>					
<b>State Total</b> .....	<b>25,465</b>	—	<b>2,535</b>	<b>270</b>	<sup>1</sup> <b>28,285</b>
Railroad.....	16,677	—	349	*	17,026
River.....	68	—	1,167	—	1,236
Truck.....	7,973	—	1,019	270	9,262
Tramway, Conveyor, and Slurry Pipeline.....	748	—	—	—	748
Unknown.....	—	—	—	—	<sup>1</sup> 14
<b>ORIGIN: KANSAS</b>					
<b>Kansas</b> .....	<b>201</b>	—	—	—	<b>201</b>
Truck.....	201	—	—	—	201
<b>State Total</b> .....	<b>201</b>	—	—	—	<b>201</b>
Truck.....	201	—	—	—	201
<b>ORIGIN: KENTUCKY, TOTAL</b>					
<b>Alabama</b> .....	<b>2,632</b>	<b>4</b>	<b>270</b>	—	<b>2,906</b>
Railroad.....	2,010	4	98	—	2,112
River.....	622	—	130	—	752
Truck.....	—	—	41	—	41
<b>Arizona</b> .....	<b>163</b>	—	—	—	<b>163</b>
River.....	163	—	—	—	163
<b>Connecticut</b> .....	<b>660</b>	—	—	—	<b>660</b>
Tidewater.....	660	—	—	—	660
<b>Delaware</b> .....	<b>111</b>	—	<b>10</b>	—	<b>121</b>
Railroad.....	111	—	10	—	121
<b>District of Columbia</b> .....	—	—	—	<b>5</b>	<b>5</b>
Railroad.....	—	—	—	5	5
<b>Florida</b> .....	<b>12,067</b>	—	<b>689</b>	<b>9</b>	<b>12,765</b>
Railroad.....	9,939	—	646	—	10,585
River.....	1,900	—	—	—	1,900
Tidewater.....	227	—	—	—	227
Truck.....	—	—	43	9	52
<b>Georgia</b> .....	<b>16,117</b>	—	<b>1,155</b>	*	<b>17,272</b>
Railroad.....	16,117	—	989	*	17,106
River.....	—	—	25	—	25
Truck.....	—	—	142	—	142
<b>Illinois</b> .....	<b>313</b>	—	<b>264</b>	<b>60</b>	<b>637</b>
Railroad.....	154	—	40	—	194
River.....	83	—	213	60	356
Great Lakes.....	—	—	2	—	2
Truck.....	75	—	10	—	85
<b>Indiana</b> .....	<b>1,198</b>	<b>11</b>	<b>963</b>	<b>1</b>	<b>2,173</b>
Railroad.....	308	11	644	—	963
River.....	699	—	282	—	980
Truck.....	192	—	38	1	230
<b>Iowa</b> .....	<b>16</b>	—	<b>26</b>	<b>136</b>	<b>177</b>
River.....	16	—	26	136	177
<b>Kentucky</b> .....	<b>20,379</b>	<b>434</b>	<b>5,021</b>	<b>170</b>	<sup>2</sup> <b>26,024</b>
Railroad.....	5,823	432	371	—	6,627
River.....	5,302	—	2,450	—	7,752
Truck.....	9,253	2	2,200	170	11,625
Unknown.....	—	—	—	—	<sup>2</sup> 20
<b>Louisiana</b> .....	—	—	<b>31</b>	—	<b>31</b>
River.....	—	—	31	—	31
<b>Maine</b> .....	—	—	<b>150</b>	—	<b>150</b>
Railroad.....	—	—	58	—	58
Tidewater.....	—	—	92	—	92
<b>Maryland</b> .....	<b>818</b>	—	<b>34</b>	<b>1</b>	<b>853</b>
Railroad.....	699	—	—	1	700
River.....	119	—	34	—	153
<b>Massachusetts</b> .....	<b>319</b>	—	<b>53</b>	—	<b>371</b>
Railroad.....	319	—	53	—	371
<b>Michigan</b> .....	<b>4,742</b>	—	<b>1,073</b>	<b>8</b>	<b>5,823</b>
Railroad.....	4,092	—	609	8	4,709
River.....	112	—	14	—	126

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: KENTUCKY, TOTAL (Continued)</b>					
<b>Michigan</b>					
Great Lakes.....	463	-	438	-	901
Truck.....	75	-	12	*	87
<b>Minnesota</b> .....	<b>76</b>	-	<b>172</b>	<b>*</b>	<b>248</b>
Railroad.....	4	-	4	-	8
River.....	72	-	91	*	163
Great Lakes.....	-	-	77	-	77
Truck.....	-	-	-	*	*
<b>Mississippi</b> .....	<b>795</b>	-	-	-	<b>795</b>
Railroad.....	795	-	-	-	795
<b>Missouri</b> .....	<b>10</b>	-	<b>43</b>	<b>9</b>	<b>62</b>
Railroad.....	2	-	-	-	2
River.....	8	-	43	9	60
<b>Nebraska</b> .....	<b>*</b>	-	-	-	<b>*</b>
Railroad.....	*	-	-	-	*
<b>New Hampshire</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tidewater.....	11	-	-	-	11
<b>New Jersey</b> .....	<b>225</b>	-	<b>1</b>	-	<b>226</b>
Railroad.....	225	-	1	-	226
Truck.....	-	-	*	-	*
<b>New York</b> .....	<b>125</b>	-	<b>467</b>	<b>45</b>	<b>638</b>
Railroad.....	110	-	456	-	566
River.....	-	-	-	45	45
Tidewater.....	15	-	-	-	15
Truck.....	-	-	12	-	12
<b>North Carolina</b> .....	<b>12,149</b>	-	<b>1,439</b>	<b>25</b>	<b>13,613</b>
Railroad.....	11,760	-	1,247	25	13,032
River.....	375	-	-	-	375
Truck.....	15	-	192	*	207
<b>Ohio</b> .....	<b>5,219</b>	<b>136</b>	<b>1,623</b>	<b>122</b>	<b>7,101</b>
Railroad.....	1,217	136	441	-	1,795
River.....	3,864	-	180	87	4,131
Great Lakes.....	-	-	13	-	13
Truck.....	138	-	988	34	1,161
<b>Oklahoma</b> .....	-	-	<b>25</b>	-	<b>25</b>
Railroad.....	-	-	8	-	8
River.....	-	-	16	-	16
<b>Oregon</b> .....	-	-	<b>5</b>	-	<b>5</b>
Railroad.....	-	-	5	-	5
<b>Pennsylvania</b> .....	<b>142</b>	<b>171</b>	<b>343</b>	<b>7</b>	<b>663</b>
Railroad.....	105	23	85	2	214
River.....	2	148	247	4	401
Truck.....	36	-	11	*	48
<b>South Carolina</b> .....	<b>11,812</b>	-	<b>1,695</b>	-	<b>13,507</b>
Railroad.....	11,812	-	1,615	-	13,427
Truck.....	-	-	80	-	80
<b>Tennessee</b> .....	<b>12,026</b>	-	<b>1,647</b>	<b>110</b>	<b>13,783</b>
Railroad.....	6,761	-	1,148	-	7,909
River.....	5,264	-	178	76	5,518
Truck.....	*	-	321	34	356
<b>Texas</b> .....	<b>20</b>	-	<b>106</b>	-	<b>126</b>
Railroad.....	20	-	106	-	126
<b>Virginia</b> .....	<b>3,714</b>	-	<b>2,749</b>	<b>25</b>	<b>6,488</b>
Railroad.....	3,556	-	941	*	4,497
Truck.....	158	-	1,808	25	1,991
<b>West Virginia</b> .....	<b>117</b>	-	<b>590</b>	<b>3</b>	<b>710</b>
Railroad.....	65	-	109	2	176
River.....	32	-	397	-	429
Truck.....	20	-	83	1	105
<b>Wisconsin</b> .....	<b>201</b>	-	<b>505</b>	<b>151</b>	<b>857</b>
Railroad.....	105	-	287	33	426
River.....	19	-	4	117	141
Great Lakes.....	76	-	214	-	291
<b>Unknown State</b> .....	-	-	-	-	<b>1 386</b>
Unknown.....	-	-	-	-	1 386
<b>State Total</b> .....	<b>106,176</b>	<b>757</b>	<b>21,149</b>	<b>886</b>	<sup>3</sup> <b>129,374</b>
Railroad.....	76,108	607	9,969	76	86,761

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: KENTUCKY, TOTAL (Continued)</b>					
<b>State Total</b>					
River.....	18,652	148	4,362	536	23,697
Great Lakes.....	540	-	744	-	1,284
Tidewater.....	913	-	92	-	1,006
Truck.....	9,963	2	5,981	275	16,221
Unknown.....	-	-	-	-	3 406
<b>ORIGIN: KENTUCKY, EASTERN</b>					
<b>Alabama.....</b>	<b>1,482</b>	<b>4</b>	<b>270</b>	-	<b>1,755</b>
Railroad.....	1,481	4	98	-	1,583
River.....	1	-	130	-	131
Truck.....	-	-	41	-	41
<b>Arizona.....</b>	<b>163</b>	-	-	-	<b>163</b>
River.....	163	-	-	-	163
<b>Connecticut.....</b>	<b>660</b>	-	-	-	<b>660</b>
Tidewater.....	660	-	-	-	660
<b>Delaware.....</b>	<b>111</b>	-	<b>10</b>	-	<b>121</b>
Railroad.....	111	-	10	-	121
<b>District of Columbia.....</b>	-	-	-	<b>5</b>	<b>5</b>
Railroad.....	-	-	-	5	5
<b>Florida.....</b>	<b>10,167</b>	-	<b>689</b>	<b>9</b>	<b>10,865</b>
Railroad.....	9,939	-	646	-	10,585
Tidewater.....	227	-	-	-	227
Truck.....	-	-	43	9	52
<b>Georgia.....</b>	<b>16,117</b>	-	<b>1,155</b>	*	<b>17,272</b>
Railroad.....	16,117	-	989	*	17,106
River.....	-	-	25	-	25
Truck.....	-	-	142	-	142
<b>Illinois.....</b>	<b>171</b>	-	<b>235</b>	<b>60</b>	<b>466</b>
Railroad.....	154	-	40	-	194
River.....	-	-	193	60	253
Great Lakes.....	-	-	2	-	2
Truck.....	17	-	*	-	17
<b>Indiana.....</b>	<b>805</b>	<b>11</b>	<b>930</b>	<b>1</b>	<b>1,747</b>
Railroad.....	149	11	611	-	771
River.....	626	-	282	-	908
Truck.....	30	-	38	1	68
<b>Iowa.....</b>	-	-	<b>18</b>	<b>13</b>	<b>30</b>
River.....	-	-	18	13	30
<b>Kentucky.....</b>	<b>5,180</b>	<b>434</b>	<b>4,898</b>	<b>169</b>	<sup>2</sup> <b>10,701</b>
Railroad.....	2,884	432	371	-	3,688
River.....	585	-	2,397	-	2,982
Truck.....	1,711	2	2,130	169	4,012
Unknown.....	-	-	-	-	<sup>2</sup> 20
<b>Louisiana.....</b>	-	-	<b>31</b>	-	<b>31</b>
River.....	-	-	31	-	31
<b>Maine.....</b>	-	-	<b>150</b>	-	<b>150</b>
Railroad.....	-	-	58	-	58
Tidewater.....	-	-	92	-	92
<b>Maryland.....</b>	<b>818</b>	-	<b>34</b>	<b>1</b>	<b>853</b>
Railroad.....	699	-	-	1	700
River.....	119	-	34	-	153
<b>Massachusetts.....</b>	<b>319</b>	-	<b>53</b>	-	<b>371</b>
Railroad.....	319	-	53	-	371
<b>Michigan.....</b>	<b>4,742</b>	-	<b>1,073</b>	<b>8</b>	<b>5,823</b>
Railroad.....	4,092	-	609	8	4,709
River.....	112	-	14	-	126
Great Lakes.....	463	-	438	-	901
Truck.....	75	-	12	*	87
<b>Minnesota.....</b>	<b>61</b>	-	<b>172</b>	*	<b>233</b>
Railroad.....	4	-	4	-	8
River.....	57	-	91	*	148
Great Lakes.....	-	-	77	-	77
Truck.....	-	-	-	*	*

See footnotes at end of table.



**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: KENTUCKY, EASTERN (Continued)</b>					
<b>Mississippi</b> .....	<b>795</b>	-	-	-	<b>795</b>
Railroad .....	795	-	-	-	795
<b>Missouri</b> .....	<b>10</b>	-	<b>43</b>	<b>9</b>	<b>62</b>
Railroad .....	2	-	-	-	2
River .....	8	-	43	9	60
<b>Nebraska</b> .....	<b>*</b>	-	-	-	<b>*</b>
Railroad .....	*	-	-	-	*
<b>New Hampshire</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tidewater .....	11	-	-	-	11
<b>New Jersey</b> .....	<b>225</b>	-	<b>1</b>	-	<b>226</b>
Railroad .....	225	-	1	-	226
<b>New York</b> .....	<b>125</b>	-	<b>467</b>	<b>45</b>	<b>638</b>
Railroad .....	110	-	456	-	566
River .....	-	-	-	45	45
Tidewater .....	15	-	-	-	15
Truck .....	-	-	12	-	12
<b>North Carolina</b> .....	<b>12,149</b>	-	<b>1,439</b>	<b>25</b>	<b>13,613</b>
Railroad .....	11,760	-	1,247	25	13,032
River .....	375	-	-	-	375
Truck .....	15	-	192	*	207
<b>Ohio</b> .....	<b>5,156</b>	<b>136</b>	<b>1,623</b>	<b>122</b>	<b>7,037</b>
Railroad .....	1,217	136	441	-	1,795
River .....	3,800	-	180	87	4,068
Great Lakes .....	-	-	13	-	13
Truck .....	138	-	988	34	1,161
<b>Oklahoma</b> .....	-	-	<b>25</b>	-	<b>25</b>
Railroad .....	-	-	8	-	8
River .....	-	-	16	-	16
<b>Oregon</b> .....	-	-	<b>5</b>	-	<b>5</b>
Railroad .....	-	-	5	-	5
<b>Pennsylvania</b> .....	<b>142</b>	<b>171</b>	<b>343</b>	<b>7</b>	<b>663</b>
Railroad .....	105	23	85	2	214
River .....	2	148	247	4	401
Truck .....	36	-	11	*	48
<b>South Carolina</b> .....	<b>11,812</b>	-	<b>1,695</b>	-	<b>13,507</b>
Railroad .....	11,812	-	1,615	-	13,427
Truck .....	-	-	80	-	80
<b>Tennessee</b> .....	<b>4,925</b>	-	<b>1,561</b>	<b>110</b>	<b>6,596</b>
Railroad .....	4,914	-	1,148	-	6,062
River .....	11	-	111	76	198
Truck .....	*	-	302	34	336
<b>Texas</b> .....	<b>20</b>	-	<b>106</b>	-	<b>126</b>
Railroad .....	20	-	106	-	126
<b>Virginia</b> .....	<b>3,714</b>	-	<b>2,749</b>	<b>25</b>	<b>6,488</b>
Railroad .....	3,556	-	941	*	4,497
Truck .....	158	-	1,808	25	1,991
<b>West Virginia</b> .....	<b>117</b>	-	<b>590</b>	<b>3</b>	<b>710</b>
Railroad .....	65	-	109	2	176
River .....	32	-	397	-	429
Truck .....	20	-	83	1	105
<b>Wisconsin</b> .....	<b>187</b>	-	<b>326</b>	<b>151</b>	<b>664</b>
Railroad .....	105	-	107	33	246
River .....	5	-	4	117	127
Great Lakes .....	76	-	214	-	291
<b>Unknown State</b> .....	-	-	-	-	<b>1 382</b>
Unknown .....	-	-	-	-	1 382
<b>State Total</b> .....	<b>80,184</b>	<b>757</b>	<b>20,689</b>	<b>762</b>	<sup>3</sup> <b>102,794</b>
Railroad .....	70,634	607	9,757	76	81,074
River .....	5,896	148	4,213	413	10,670
Great Lakes .....	540	-	744	-	1,284
Tidewater .....	913	-	92	-	1,006
Truck .....	2,201	2	5,883	273	8,359
Unknown .....	-	-	-	-	3 402

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: KENTUCKY, WESTERN</b>					
<b>Alabama</b> .....	<b>1,151</b>	-	-	-	<b>1,151</b>
Railroad.....	530	-	-	-	530
River.....	621	-	-	-	621
<b>Florida</b> .....	<b>1,900</b>	-	-	-	<b>1,900</b>
River.....	1,900	-	-	-	1,900
<b>Illinois</b> .....	<b>141</b>	-	<b>30</b>	-	<b>171</b>
River.....	83	-	20	-	103
Truck.....	58	-	9	-	68
<b>Indiana</b> .....	<b>393</b>	-	<b>33</b>	-	<b>426</b>
Railroad.....	159	-	33	-	192
River.....	73	-	-	-	73
Truck.....	161	-	-	-	161
<b>Iowa</b> .....	<b>16</b>	-	<b>8</b>	<b>123</b>	<b>147</b>
River.....	16	-	8	123	147
<b>Kentucky</b> .....	<b>15,199</b>	-	<b>123</b>	<b>2</b>	<b>15,323</b>
Railroad.....	2,939	-	-	-	2,939
River.....	4,717	-	54	-	4,771
Truck.....	7,542	-	69	2	7,613
<b>Maryland</b> .....	<b>*</b>	-	-	-	<b>*</b>
Railroad.....	*	-	-	-	*
<b>Minnesota</b> .....	<b>15</b>	-	-	-	<b>15</b>
River.....	15	-	-	-	15
<b>New Jersey</b> .....	<b>-</b>	-	<b>*</b>	-	<b>*</b>
Truck.....	-	-	*	-	*
<b>Ohio</b> .....	<b>63</b>	-	-	-	<b>63</b>
River.....	63	-	-	-	63
<b>Tennessee</b> .....	<b>7,100</b>	-	<b>86</b>	<b>*</b>	<b>7,187</b>
Railroad.....	1,847	-	-	-	1,847
River.....	5,254	-	67	-	5,320
Truck.....	-	-	19	*	19
<b>Wisconsin</b> .....	<b>14</b>	-	<b>179</b>	-	<b>193</b>
Railroad.....	-	-	179	-	179
River.....	14	-	-	-	14
<b>Unknown State</b> .....	<b>-</b>	-	-	-	<b>1 4</b>
Unknown.....	-	-	-	-	1 4
<b>State Total</b> .....	<b>25,992</b>	-	<b>459</b>	<b>125</b>	<sup>1</sup> <b>26,580</b>
Railroad.....	5,474	-	212	-	5,687
River.....	12,755	-	149	123	13,027
Truck.....	7,762	-	98	2	7,862
Unknown.....	-	-	-	-	1 4
<b>ORIGIN: LOUISIANA</b>					
<b>Louisiana</b> .....	<b>3,696</b>	-	-	-	<b>3,696</b>
Truck.....	770	-	-	-	770
Tramway, Conveyor, and Slurry Pipeline.....	2,926	-	-	-	2,926
<b>Oklahoma</b> .....	<b>-</b>	-	<b>9</b>	-	<b>9</b>
River.....	-	-	9	-	9
<b>State Total</b> .....	<b>3,696</b>	-	<b>9</b>	-	<b>3,704</b>
River.....	-	-	9	-	9
Truck.....	770	-	-	-	770
Tramway, Conveyor, and Slurry Pipeline.....	2,926	-	-	-	2,926
<b>ORIGIN: MARYLAND</b>					
<b>Connecticut</b> .....	<b>14</b>	-	-	-	<b>14</b>
Tidewater.....	14	-	-	-	14
<b>Delaware</b> .....	<b>97</b>	-	-	-	<b>97</b>
Railroad.....	97	-	-	-	97
<b>Maryland</b> .....	<b>1,089</b>	-	<b>248</b>	<b>4</b>	<b>1,340</b>
Railroad.....	224	-	-	-	224
Truck.....	865	-	248	4	1,116
<b>New Jersey</b> .....	<b>5</b>	-	-	-	<b>5</b>
Tidewater.....	5	-	-	-	5

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: MARYLAND (Continued)</b>					
<b>Virginia</b> .....	<b>431</b>	-	-	-	<b>431</b>
Truck.....	431	-	-	-	431
<b>West Virginia</b> .....	<b>2,640</b>	-	-	-	<b>2,640</b>
Truck.....	2,640	-	-	-	2,640
<b>Unknown State</b> .....	-	-	-	-	<b>1 8</b>
Unknown.....	-	-	-	-	1 8
<b>State Total</b> .....	<b>4,275</b>	-	<b>248</b>	<b>4</b>	<sup>1</sup> <b>4,535</b>
Railroad.....	321	-	-	-	321
Tidewater.....	18	-	-	-	18
Truck.....	3,936	-	248	4	4,187
Unknown.....	-	-	-	-	1 8
<b>ORIGIN: MISSISSIPPI</b>					
<b>Mississippi</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tramway, Conveyor, and Slurry Pipeline.....	11	-	-	-	11
<b>State Total</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tramway, Conveyor, and Slurry Pipeline.....	11	-	-	-	11
<b>ORIGIN: MISSOURI</b>					
<b>Kansas</b> .....	<b>188</b>	-	-	-	<b>188</b>
Truck.....	188	-	-	-	188
<b>Missouri</b> .....	<b>220</b>	-	<b>28</b>	*	<b>249</b>
Truck.....	220	-	28	*	249
<b>State Total</b> .....	<b>408</b>	-	<b>28</b>	*	<b>436</b>
Truck.....	408	-	28	*	436
<b>ORIGIN: MONTANA</b>					
<b>Arizona</b> .....	<b>198</b>	-	-	-	<b>198</b>
Railroad.....	198	-	-	-	198
<b>Illinois</b> .....	<b>2,552</b>	-	-	-	<b>2,552</b>
Railroad.....	2,552	-	-	-	2,552
<b>Indiana</b> .....	<b>1,011</b>	-	-	-	<b>1,011</b>
Railroad.....	1,011	-	-	-	1,011
<b>Kansas</b> .....	<b>1,464</b>	-	-	-	<b>1,464</b>
Railroad.....	1,464	-	-	-	1,464
<b>Michigan</b> .....	<b>9,123</b>	-	<b>116</b>	-	<b>9,239</b>
Railroad.....	2,855	-	*	-	2,855
Great Lakes.....	6,268	-	116	-	6,384
<b>Minnesota</b> .....	<b>10,750</b>	-	<b>22</b>	-	<b>10,771</b>
Railroad.....	10,750	-	22	-	10,771
<b>Mississippi</b> .....	<b>151</b>	-	-	-	<b>151</b>
Railroad.....	151	-	-	-	151
<b>Montana</b> .....	<b>9,216</b>	-	<b>505</b>	<b>2</b>	<b>9,723</b>
Railroad.....	137	-	-	-	137
Truck.....	347	-	64	2	413
Tramway, Conveyor, and Slurry Pipeline.....	8,731	-	441	-	9,173
<b>North Dakota</b> .....	<b>66</b>	-	-	<b>79</b>	<b>145</b>
Railroad.....	66	-	-	79	145
<b>Ohio</b> .....	<b>1</b>	-	<b>152</b>	-	<b>153</b>
Great Lakes.....	1	-	152	-	153
<b>Washington</b> .....	<b>1,685</b>	-	-	-	<b>1,685</b>
Railroad.....	1,685	-	-	-	1,685
<b>Wisconsin</b> .....	<b>578</b>	-	-	-	<b>578</b>
Railroad.....	578	-	-	-	578
<b>Wyoming</b> .....	-	-	-	<b>64</b>	<b>64</b>
Railroad.....	-	-	-	64	64
<b>State Total</b> .....	<b>36,795</b>	-	<b>794</b>	<b>146</b>	<b>37,735</b>
Railroad.....	21,448	-	22	143	21,613
Great Lakes.....	6,269	-	268	-	6,536
Truck.....	347	-	64	2	413
Tramway, Conveyor, and Slurry Pipeline.....	8,731	-	441	-	9,173

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: NEW MEXICO</b>					
<b>Arizona</b> .....	<b>9,441</b>	—	<b>459</b>	—	<b>9,900</b>
Railroad .....	9,441	—	459	—	9,900
<b>California</b> .....	—	—	<b>63</b>	—	<b>63</b>
Railroad .....	—	—	63	—	63
<b>Kansas</b> .....	—	—	<b>15</b>	—	<b>15</b>
Railroad .....	—	—	15	—	15
<b>New Mexico</b> .....	<b>16,474</b>	—	—	<b>5</b>	<sup>2</sup> <b>16,483</b>
Railroad .....	9,423	—	—	—	9,423
Truck .....	—	—	—	5	5
Tramway, Conveyor, and Slurry Pipeline .....	7,051	—	—	—	7,051
Unknown .....	—	—	—	—	2 4
<b>Oklahoma</b> .....	—	—	<b>105</b>	—	<b>105</b>
Railroad .....	—	—	105	—	105
<b>Texas</b> .....	—	—	<b>519</b>	—	<b>519</b>
Railroad .....	—	—	519	—	519
<b>Wisconsin</b> .....	<b>51</b>	—	—	—	<b>51</b>
Railroad .....	51	—	—	—	51
<b>State Total</b> .....	<b>25,965</b>	—	<b>1,161</b>	<b>5</b>	<sup>2</sup> <b>27,136</b>
Railroad .....	18,915	—	1,161	—	20,076
Truck .....	—	—	—	5	5
Tramway, Conveyor, and Slurry Pipeline .....	7,051	—	—	—	7,051
Unknown .....	—	—	—	—	2 4
<b>ORIGIN: NORTH DAKOTA</b>					
<b>Montana</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad .....	—	—	1	—	1
<b>North Dakota</b> .....	<b>24,965</b>	—	<b>6,127</b>	<b>55</b>	<b>31,147</b>
Railroad .....	447	—	—	—	447
Truck .....	4,372	—	—	55	4,427
Tramway, Conveyor, and Slurry Pipeline .....	20,146	—	6,127	—	26,273
<b>State Total</b> .....	<b>24,965</b>	—	<b>6,128</b>	<b>55</b>	<b>31,148</b>
Railroad .....	447	—	1	—	448
Truck .....	4,372	—	—	55	4,427
Tramway, Conveyor, and Slurry Pipeline .....	20,146	—	6,127	—	26,273
<b>ORIGIN: OHIO</b>					
<b>Alabama</b> .....	*	—	—	—	*
River .....	*	—	—	—	*
<b>Florida</b> .....	<b>134</b>	—	<b>3</b>	—	<b>137</b>
River .....	134	—	—	—	134
Truck .....	—	—	3	—	3
<b>Illinois</b> .....	<b>5</b>	—	—	—	<b>5</b>
Truck .....	5	—	—	—	5
<b>Indiana</b> .....	<b>95</b>	—	<b>55</b>	—	<b>150</b>
Railroad .....	2	—	—	—	2
River .....	59	—	—	—	59
Truck .....	34	—	55	—	89
<b>Kentucky</b> .....	<b>74</b>	—	*	—	<b>74</b>
River .....	74	—	*	—	74
<b>Michigan</b> .....	<b>217</b>	—	<b>35</b>	<b>4</b>	<b>256</b>
Truck .....	217	—	35	4	256
<b>Mississippi</b> .....	—	—	*	—	*
River .....	—	—	*	—	*
<b>New York</b> .....	<b>10</b>	—	<b>1</b>	—	<b>10</b>
River .....	10	—	—	—	10
Truck .....	—	—	1	—	1
<b>Ohio</b> .....	<b>18,582</b>	—	<b>1,049</b>	<b>86</b>	<b>19,717</b>
Railroad .....	2,478	—	—	—	2,478
River .....	3,582	—	—	—	3,582
Truck .....	6,038	—	1,049	86	7,173
Tramway, Conveyor, and Slurry Pipeline .....	6,484	—	—	—	6,484
<b>Pennsylvania</b> .....	<b>427</b>	—	<b>152</b>	*	<b>579</b>
Railroad .....	22	—	—	—	22
River .....	280	—	—	—	280
Truck .....	126	—	152	*	278

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: OHIO (Continued)</b>					
<b>West Virginia</b> .....	<b>1,401</b>	-	-	-	<b>1,401</b>
River.....	1,401	-	-	-	1,401
<b>Wisconsin</b> .....	-	-	*	-	*
Great Lakes.....	-	-	*	-	*
<b>Unknown State</b> .....	-	-	-	-	<b>1 20</b>
Unknown.....	-	-	-	-	1 20
<b>State Total</b> .....	<b>20,945</b>	-	<b>1,296</b>	<b>90</b>	<sup>1</sup> <b>22,350</b>
Railroad.....	2,502	-	-	-	2,502
River.....	5,539	-	1	-	5,540
Great Lakes.....	-	-	*	-	*
Truck.....	6,420	-	1,295	90	7,805
Tramway, Conveyor, and Slurry Pipeline.....	6,484	-	-	-	6,484
Unknown.....	-	-	-	-	1 20
<b>ORIGIN: OKLAHOMA</b>					
<b>Arkansas</b> .....	-	-	<b>43</b>	-	<b>43</b>
Truck.....	-	-	43	-	43
<b>Kansas</b> .....	<b>13</b>	-	<b>109</b>	<b>11</b>	<b>133</b>
Truck.....	13	-	109	11	133
<b>Missouri</b> .....	-	-	<b>1</b>	-	<b>1</b>
Truck.....	-	-	1	-	1
<b>Oklahoma</b> .....	<b>1,165</b>	-	<b>140</b>	-	<b>1,306</b>
Truck.....	1,165	-	140	-	1,306
<b>Texas</b> .....	-	-	<b>104</b>	-	<b>104</b>
Truck.....	-	-	104	-	104
<b>State Total</b> .....	<b>1,178</b>	-	<b>398</b>	<b>11</b>	<b>1,588</b>
Truck.....	1,178	-	398	11	1,588
<b>ORIGIN: PENNSYLVANIA, TOTAL</b>					
<b>Alabama</b> .....	<b>479</b>	<b>16</b>	*	-	<b>496</b>
Railroad.....	-	-	*	-	*
River.....	479	16	-	-	495
Truck.....	-	-	*	-	*
<b>Alaska</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
<b>Arizona</b> .....	-	-	<b>1</b>	-	<b>1</b>
Railroad.....	-	-	1	-	1
<b>Arkansas</b> .....	-	-	<b>2</b>	-	<b>2</b>
Railroad.....	-	-	*	-	*
Truck.....	-	-	2	-	2
<b>California</b> .....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Colorado</b> .....	<b>3</b>	-	<b>11</b>	<b>3</b>	<b>17</b>
Railroad.....	-	-	11	3	14
River.....	3	-	-	-	3
Truck.....	-	-	*	*	*
<b>Connecticut</b> .....	<b>83</b>	-	-	<b>4</b>	<b>86</b>
Railroad.....	83	-	-	-	83
Truck.....	-	-	-	4	4
<b>Delaware</b> .....	<b>374</b>	-	<b>113</b>	<b>1</b>	<b>488</b>
Railroad.....	374	-	112	-	487
Truck.....	-	-	*	1	1
<b>Florida</b> .....	<b>650</b>	-	<b>12</b>	*	<b>663</b>
Railroad.....	480	-	*	-	481
River.....	170	-	-	-	170
Truck.....	-	-	12	*	12
<b>Georgia</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Hawaii</b> .....	-	-	*	-	*
Tidewater.....	-	-	*	-	*
<b>Illinois</b> .....	-	-	<b>19</b>	*	<b>19</b>
Railroad.....	-	-	3	-	3
River.....	-	-	15	-	15
Truck.....	-	-	*	*	*

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, TOTAL (Continued)</b>					
<b>Indiana</b> .....	<b>67</b>	—	<b>12</b>	<b>3</b>	<b>82</b>
Railroad.....	—	—	*	—	*
River.....	67	—	—	—	67
Truck.....	—	—	12	3	15
<b>Iowa</b> .....	—	—	<b>164</b>	<b>*</b>	<b>164</b>
Railroad.....	—	—	16	—	16
River.....	—	—	148	*	148
<b>Kansas</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad.....	—	—	1	—	1
<b>Kentucky</b> .....	<b>1,899</b>	—	<b>92</b>	<b>*</b>	<b>1,991</b>
Railroad.....	60	—	2	—	61
River.....	1,840	—	56	—	1,895
Truck.....	—	—	34	*	34
<b>Louisiana</b> .....	<b>13</b>	—	<b>*</b>	<b>*</b>	<b>13</b>
Railroad.....	—	—	*	—	*
River.....	13	—	—	—	13
Truck.....	—	—	—	*	*
<b>Maine</b> .....	—	—	<b>27</b>	<b>3</b>	<b>30</b>
Railroad.....	—	—	*	*	*
Truck.....	—	—	27	3	30
<b>Maryland</b> .....	<b>2,719</b>	—	<b>250</b>	<b>38</b>	<b>3,007</b>
Railroad.....	2,498	—	109	*	2,608
Truck.....	221	—	140	38	399
<b>Massachusetts</b> .....	<b>139</b>	—	<b>29</b>	<b>9</b>	<b>177</b>
Railroad.....	125	—	—	*	125
Tidewater.....	14	—	—	—	14
Truck.....	—	—	29	9	38
<b>Michigan</b> .....	<b>2,951</b>	<b>62</b>	<b>306</b>	<b>1</b>	<b>3,319</b>
Railroad.....	2,418	—	118	—	2,535
River.....	533	—	—	—	533
Great Lakes.....	—	62	188	—	250
Truck.....	—	—	*	1	1
<b>Minnesota</b> .....	—	—	<b>*</b>	<b>*</b>	<b>*</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	*	*	*
<b>Mississippi</b> .....	—	—	<b>*</b>	<b>*</b>	<b>*</b>
Railroad.....	—	—	*	—	*
<b>Missouri</b> .....	—	—	<b>*</b>	<b>2</b>	<b>2</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	—	2	2
<b>Montana</b> .....	—	—	<b>2</b>	—	<b>2</b>
Railroad.....	—	—	2	—	2
<b>Nebraska</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad.....	—	—	1	—	1
<b>New Hampshire</b> .....	<b>680</b>	—	<b>*</b>	<b>4</b>	<b>684</b>
Railroad.....	680	—	—	*	680
Truck.....	—	—	*	4	4
<b>New Jersey</b> .....	<b>780</b>	—	<b>9</b>	<b>5</b>	<b>794</b>
Railroad.....	643	—	*	*	643
Tidewater.....	137	—	—	—	137
Truck.....	—	—	9	5	14
<b>New Mexico</b> .....	—	—	<b>*</b>	—	<b>*</b>
Truck.....	—	—	*	—	*
<b>New York</b> .....	<b>4,330</b>	—	<b>617</b>	<b>43</b>	<b>4,990</b>
Railroad.....	3,967	—	429	1	4,397
River.....	37	—	—	1	38
Truck.....	326	—	188	41	555
<b>North Carolina</b> .....	—	—	<b>5</b>	<b>*</b>	<b>5</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	5	*	5
<b>North Dakota</b> .....	—	—	—	<b>*</b>	<b>*</b>
Truck.....	—	—	—	*	*
<b>Ohio</b> .....	<b>4,848</b>	<b>162</b>	<b>303</b>	<b>5</b>	<b>5,318</b>
Railroad.....	1,085	160	*	—	1,246
River.....	3,553	—	49	2	3,604
Great Lakes.....	149	—	—	—	149
Truck.....	61	1	254	3	319

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, TOTAL (Continued)</b>					
<b>Oklahoma</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
<b>Oregon</b> .....	-	-	4	*	4
Railroad.....	-	-	4	-	4
Truck.....	-	-	-	*	*
<b>Pennsylvania</b> .....	<b>28,750</b>	<b>1,319</b>	<b>3,119</b>	<b>710</b>	<sup>2</sup> <b>33,940</b>
Railroad.....	10,461	20	366	1	10,847
River.....	3,611	1,299	74	18	5,002
Truck.....	13,977	-	2,612	692	17,281
Tramway, Conveyor, and Slurry Pipeline.....	702	-	66	-	768
Unknown.....	-	-	-	-	2 42
<b>Rhode Island</b> .....	-	-	-	2	2
Truck.....	-	-	-	2	2
<b>South Carolina</b> .....	-	-	49	-	49
Railroad.....	-	-	24	-	24
Truck.....	-	-	25	-	25
<b>Tennessee</b> .....	<b>864</b>	-	*	*	<b>864</b>
Railroad.....	-	-	*	-	*
River.....	864	-	-	-	864
Truck.....	-	-	-	*	*
<b>Texas</b> .....	-	-	12	*	12
Railroad.....	-	-	3	-	3
Truck.....	-	-	9	*	9
<b>Utah</b> .....	-	20	9	*	29
Railroad.....	-	20	-	-	20
Truck.....	-	-	9	*	9
<b>Vermont</b> .....	-	-	-	1	1
Railroad.....	-	-	-	*	*
Truck.....	-	-	-	1	1
<b>Virginia</b> .....	<b>510</b>	-	39	1	<b>550</b>
Railroad.....	29	-	*	*	29
Truck.....	481	-	39	1	521
<b>Washington</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>West Virginia</b> .....	<b>7,529</b>	-	532	3	<b>8,064</b>
Railroad.....	11	-	2	-	13
River.....	7,402	-	414	-	7,816
Truck.....	116	-	116	3	235
<b>Wisconsin</b> .....	<b>925</b>	-	19	11	<b>955</b>
Railroad.....	296	-	3	-	299
River.....	6	-	-	11	17
Great Lakes.....	623	-	11	-	634
Truck.....	-	-	5	*	5
<b>Wyoming</b> .....	-	-	1	-	1
Railroad.....	-	-	1	-	1
<b>Unknown State</b> .....	-	-	-	-	1 256
Unknown.....	-	-	-	-	1 256
<b>State Total</b> .....	<b>58,593</b>	<b>1,578</b>	<b>5,759</b>	<b>850</b>	<sup>3</sup> <b>67,079</b>
Railroad.....	23,209	200	1,209	5	24,623
River.....	18,578	1,315	757	32	20,682
Great Lakes.....	773	62	199	-	1,033
Tidewater.....	152	-	*	-	152
Truck.....	15,180	1	3,528	813	19,523
Tramway, Conveyor, and Slurry Pipeline.....	702	-	66	-	768
Unknown.....	-	-	-	-	3 298
<b>ORIGIN: PENNSYLVANIA, ANTHRACITE</b>					
<b>Alabama</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Alaska</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
<b>Arizona</b> .....	-	-	1	-	1
Railroad.....	-	-	1	-	1

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, ANTHRACITE (Continued)</b>					
<b>Arkansas</b> .....	-	-	2	-	2
Railroad.....	-	-	*	-	*
Truck.....	-	-	2	-	2
<b>California</b> .....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Colorado</b> .....	-	-	11	3	14
Railroad.....	-	-	11	3	14
Truck.....	-	-	*	-	*
<b>Connecticut</b> .....	-	-	-	4	4
Truck.....	-	-	-	4	4
<b>Delaware</b> .....	-	-	*	1	1
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	1	1
<b>Florida</b> .....	-	-	*	*	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	*	*
<b>Georgia</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Hawaii</b> .....	-	-	*	-	*
Tidewater.....	-	-	*	-	*
<b>Illinois</b> .....	-	-	3	*	3
Railroad.....	-	-	3	-	3
Truck.....	-	-	*	*	*
<b>Indiana</b> .....	-	-	12	3	15
Railroad.....	-	-	*	-	*
Truck.....	-	-	12	3	15
<b>Iowa</b> .....	-	-	16	-	16
Railroad.....	-	-	16	-	16
<b>Kansas</b> .....	-	-	1	-	1
Railroad.....	-	-	1	-	1
<b>Kentucky</b> .....	-	-	36	*	36
Railroad.....	-	-	2	-	2
Truck.....	-	-	34	*	34
<b>Louisiana</b> .....	-	-	*	*	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	-	*	*
<b>Maine</b> .....	-	-	*	3	3
Railroad.....	-	-	*	*	*
Truck.....	-	-	-	3	3
<b>Maryland</b> .....	-	-	109	2	112
Railroad.....	-	-	109	*	109
Truck.....	-	-	-	2	2
<b>Massachusetts</b> .....	-	-	-	9	9
Railroad.....	-	-	-	*	*
Truck.....	-	-	-	9	9
<b>Michigan</b> .....	-	-	1	1	1
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	1	1
<b>Minnesota</b> .....	-	-	*	*	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	*	*
<b>Mississippi</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
<b>Missouri</b> .....	-	-	*	2	2
Railroad.....	-	-	*	-	*
Truck.....	-	-	-	2	2
<b>Montana</b> .....	-	-	2	-	2
Railroad.....	-	-	2	-	2
<b>Nebraska</b> .....	-	-	1	-	1
Railroad.....	-	-	1	-	1
<b>New Hampshire</b> .....	-	-	-	4	4
Railroad.....	-	-	-	*	*
Truck.....	-	-	-	4	4
<b>New Jersey</b> .....	-	-	9	5	14
Railroad.....	-	-	*	*	*
Truck.....	-	-	9	5	14

See footnotes at end of table.



**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, ANTHRACITE (Continued)</b>					
New Mexico.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>New York.....</b>	<b>*</b>	-	<b>7</b>	<b>35</b>	<b>41</b>
Railroad.....	-	-	*	1	1
Truck.....	*	-	7	34	40
<b>North Carolina.....</b>	-	-	<b>5</b>	<b>*</b>	<b>5</b>
Railroad.....	-	-	*	-	*
Truck.....	-	-	5	*	5
<b>North Dakota.....</b>	-	-	-	<b>*</b>	<b>*</b>
Truck.....	-	-	-	*	*
<b>Ohio.....</b>	-	<b>1</b>	<b>19</b>	<b>3</b>	<b>24</b>
Railroad.....	-	-	*	-	*
Truck.....	-	1	19	3	24
<b>Oklahoma.....</b>	-	-	<b>*</b>	-	<b>*</b>
Railroad.....	-	-	*	-	*
<b>Oregon.....</b>	-	-	<b>4</b>	-	<b>4</b>
Railroad.....	-	-	4	-	4
<b>Pennsylvania.....</b>	<b>2,722</b>	-	<b>293</b>	<b>427</b>	<b>3,443</b>
Railroad.....	188	-	24	1	212
Truck.....	2,534	-	270	426	3,230
<b>Rhode Island.....</b>	-	-	-	<b>2</b>	<b>2</b>
Truck.....	-	-	-	2	2
<b>South Carolina.....</b>	-	-	<b>49</b>	-	<b>49</b>
Railroad.....	-	-	24	-	24
Truck.....	-	-	25	-	25
<b>Tennessee.....</b>	-	-	<b>*</b>	<b>*</b>	<b>*</b>
Railroad.....	-	-	*	-	*
Truck.....	-	-	-	*	*
<b>Texas.....</b>	-	-	<b>12</b>	-	<b>12</b>
Railroad.....	-	-	3	-	3
Truck.....	-	-	9	-	9
<b>Utah.....</b>	-	-	-	<b>*</b>	<b>*</b>
Truck.....	-	-	-	*	*
<b>Vermont.....</b>	-	-	-	<b>1</b>	<b>1</b>
Railroad.....	-	-	-	*	*
Truck.....	-	-	-	1	1
<b>Virginia.....</b>	-	-	<b>3</b>	<b>1</b>	<b>4</b>
Railroad.....	-	-	*	*	*
Truck.....	-	-	3	1	4
<b>West Virginia.....</b>	-	-	<b>55</b>	<b>2</b>	<b>57</b>
Railroad.....	-	-	2	-	2
Truck.....	-	-	54	2	56
<b>Wisconsin.....</b>	-	-	<b>8</b>	<b>*</b>	<b>8</b>
Railroad.....	-	-	3	-	3
Truck.....	-	-	5	*	5
<b>Wyoming.....</b>	-	-	<b>1</b>	-	<b>1</b>
Railroad.....	-	-	1	-	1
<b>Unknown State.....</b>	-	-	-	-	<b>1 157</b>
Unknown.....	-	-	-	-	1 157
<b>State Total.....</b>	<b>2,722</b>	<b>1</b>	<b>662</b>	<b>508</b>	<b>1 4,051</b>
Railroad.....	188	-	208	5	401
Tidewater.....	-	-	*	-	*
Truck.....	2,534	1	454	503	3,493
Unknown.....	-	-	-	-	1 157
<b>ORIGIN: PENNSYLVANIA, BITUMINOUS</b>					
<b>Alabama.....</b>	<b>479</b>	<b>16</b>	-	-	<b>495</b>
River.....	479	16	-	-	495
<b>Colorado.....</b>	<b>3</b>	-	-	-	<b>3</b>
River.....	3	-	-	-	3
<b>Connecticut.....</b>	<b>83</b>	-	-	-	<b>83</b>
Railroad.....	83	-	-	-	83
<b>Delaware.....</b>	<b>374</b>	-	<b>113</b>	<b>*</b>	<b>487</b>
Railroad.....	374	-	112	-	487
Truck.....	-	-	*	*	*

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, BITUMINOUS (Continued)</b>					
<b>Florida</b> .....	<b>650</b>	-	<b>12</b>	-	<b>662</b>
Railroad.....	480	-	-	-	480
River.....	170	-	-	-	170
Truck.....	-	-	12	-	12
<b>Illinois</b> .....	-	-	<b>15</b>	-	<b>15</b>
River.....	-	-	15	-	15
<b>Indiana</b> .....	<b>67</b>	-	-	-	<b>67</b>
River.....	67	-	-	-	67
<b>Iowa</b> .....	-	-	<b>148</b>	*	<b>148</b>
River.....	-	-	148	*	148
<b>Kentucky</b> .....	<b>1,899</b>	-	<b>56</b>	-	<b>1,955</b>
Railroad.....	60	-	-	-	60
River.....	1,840	-	56	-	1,895
<b>Louisiana</b> .....	<b>13</b>	-	-	-	<b>13</b>
River.....	13	-	-	-	13
<b>Maine</b> .....	-	-	<b>27</b>	-	<b>27</b>
Truck.....	-	-	27	-	27
<b>Maryland</b> .....	<b>2,719</b>	-	<b>140</b>	<b>36</b>	<b>2,895</b>
Railroad.....	2,498	-	-	-	2,498
Truck.....	221	-	140	36	397
<b>Massachusetts</b> .....	<b>139</b>	-	<b>29</b>	*	<b>168</b>
Railroad.....	125	-	-	-	125
Tidewater.....	14	-	-	-	14
Truck.....	-	-	29	*	29
<b>Michigan</b> .....	<b>2,951</b>	<b>62</b>	<b>306</b>	-	<b>3,318</b>
Railroad.....	2,418	-	117	-	2,535
River.....	533	-	-	-	533
Great Lakes.....	-	62	188	-	250
<b>Minnesota</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>New Hampshire</b> .....	<b>680</b>	-	*	*	<b>680</b>
Railroad.....	680	-	-	-	680
Truck.....	-	-	*	*	*
<b>New Jersey</b> .....	<b>780</b>	-	-	-	<b>780</b>
Railroad.....	643	-	-	-	643
Tidewater.....	137	-	-	-	137
<b>New York</b> .....	<b>4,330</b>	-	<b>611</b>	<b>8</b>	<b>4,949</b>
Railroad.....	3,967	-	429	-	4,396
River.....	37	-	-	1	38
Truck.....	326	-	182	7	515
<b>Ohio</b> .....	<b>4,848</b>	<b>160</b>	<b>284</b>	<b>2</b>	<b>5,294</b>
Railroad.....	1,085	160	-	-	1,245
River.....	3,553	-	49	2	3,604
Great Lakes.....	149	-	-	-	149
Truck.....	61	-	234	-	295
<b>Oregon</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Pennsylvania</b> .....	<b>26,027</b>	<b>1,319</b>	<b>2,825</b>	<b>283</b>	<b>30,497</b>
Railroad.....	10,272	20	342	-	10,635
River.....	3,611	1,299	74	18	5,002
Truck.....	11,442	-	2,342	266	14,050
Tramway, Conveyor, and Slurry Pipeline.....	702	-	66	-	768
Unknown.....	-	-	-	-	2 42
<b>Tennessee</b> .....	<b>864</b>	-	-	-	<b>864</b>
River.....	864	-	-	-	864
<b>Texas</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Utah</b> .....	-	<b>20</b>	<b>9</b>	-	<b>29</b>
Railroad.....	-	20	-	-	20
Truck.....	-	-	9	-	9
<b>Vermont</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Virginia</b> .....	<b>510</b>	-	<b>36</b>	-	<b>546</b>
Railroad.....	29	-	-	-	29
Truck.....	481	-	36	-	517
<b>Washington</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: PENNSYLVANIA, BITUMINOUS (Continued)</b>					
<b>West Virginia</b> .....	<b>7,529</b>	—	<b>477</b>	<b>1</b>	<b>8,007</b>
Railroad.....	11	—	—	—	11
River.....	7,402	—	414	—	7,816
Truck.....	116	—	62	1	179
<b>Wisconsin</b> .....	<b>925</b>	—	<b>11</b>	<b>11</b>	<b>947</b>
Railroad.....	296	—	—	—	296
River.....	6	—	—	11	17
Great Lakes.....	623	—	11	—	634
<b>Unknown State</b> .....	—	—	—	—	<b>1 99</b>
Unknown.....	—	—	—	—	1 99
<b>State Total</b> .....	<b>55,870</b>	<b>1,577</b>	<b>5,097</b>	<b>342</b>	<sup>3</sup> <b>63,027</b>
Railroad.....	23,021	200	1,001	—	24,222
River.....	18,578	1,315	757	32	20,682
Great Lakes.....	773	62	199	—	1,033
Tidewater.....	152	—	—	—	152
Truck.....	12,646	—	3,074	310	16,030
Tramway, Conveyor, and Slurry Pipeline.....	702	—	66	—	768
Unknown.....	—	—	—	—	3 141
<b>ORIGIN: TENNESSEE</b>					
<b>Alabama</b> .....	—	—	<b>78</b>	—	<b>78</b>
Railroad.....	—	—	70	—	70
Truck.....	—	—	8	—	8
<b>Arkansas</b> .....	—	—	<b>41</b>	—	<b>41</b>
Railroad.....	—	—	41	—	41
<b>Georgia</b> .....	<b>686</b>	—	<b>174</b>	—	<b>860</b>
Railroad.....	686	—	164	—	850
Truck.....	—	—	10	—	10
<b>Kentucky</b> .....	<b>105</b>	*	<b>2</b>	<b>7</b>	<b>114</b>
Truck.....	105	*	2	7	114
<b>New York</b> .....	—	—	<b>4</b>	—	<b>4</b>
Railroad.....	—	—	4	—	4
<b>North Carolina</b> .....	—	—	<b>17</b>	*	<b>17</b>
Railroad.....	—	—	17	—	17
Truck.....	—	—	—	*	*
<b>Ohio</b> .....	—	—	<b>2</b>	*	<b>2</b>
Railroad.....	—	—	2	—	2
Truck.....	—	—	—	*	*
<b>Oregon</b> .....	—	—	<b>3</b>	—	<b>3</b>
Railroad.....	—	—	3	—	3
<b>Pennsylvania</b> .....	—	—	<b>19</b>	—	<b>19</b>
Railroad.....	—	—	19	—	19
<b>South Carolina</b> .....	<b>335</b>	—	<b>15</b>	—	<b>350</b>
Railroad.....	335	—	15	—	350
<b>Tennessee</b> .....	<b>636</b>	—	<b>463</b>	*	<b>1,100</b>
Railroad.....	347	—	373	—	720
Truck.....	289	—	90	*	380
<b>Virginia</b> .....	—	—	<b>4</b>	—	<b>4</b>
Truck.....	—	—	4	—	4
<b>West Virginia</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad.....	—	—	1	—	1
<b>Unknown State</b> .....	—	—	—	—	<b>1 24</b>
Unknown.....	—	—	—	—	1 24
<b>State Total</b> .....	<b>1,762</b>	*	<b>821</b>	<b>8</b>	<sup>1</sup> <b>2,615</b>
Railroad.....	1,368	—	707	—	2,076
Truck.....	394	*	114	8	516
Unknown.....	—	—	—	—	1 24
<b>ORIGIN: TEXAS</b>					
<b>Georgia</b> .....	<b>25</b>	—	—	—	<b>25</b>
Railroad.....	25	—	—	—	25
<b>Illinois</b> .....	—	—	<b>4</b>	—	<b>4</b>
River.....	—	—	4	—	4

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: TEXAS (Continued)</b>					
<b>New York</b> .....	<b>8</b>	-	-	-	<b>8</b>
Truck .....	8	-	-	-	8
<b>Ohio</b> .....	-	-	<b>12</b>	-	<b>12</b>
River .....	-	-	12	-	12
<b>Pennsylvania</b> .....	<b>36</b>	-	-	-	<b>36</b>
Railroad .....	14	-	-	-	14
Truck .....	22	-	-	-	22
<b>Texas</b> .....	<b>45,866</b>	-	<b>2,868</b>	-	<b>48,733</b>
Railroad .....	21,716	-	101	-	21,817
Truck .....	12,986	-	339	-	13,325
Tramway, Conveyor, and Slurry Pipeline .....	11,164	-	2,427	-	13,591
<b>Wisconsin</b> .....	<b>2</b>	-	-	-	<b>2</b>
River .....	2	-	-	-	2
<b>State Total</b> .....	<b>45,936</b>	-	<b>2,884</b>	-	<b>48,821</b>
Railroad .....	21,755	-	101	-	21,856
River .....	2	-	17	-	18
Truck .....	13,016	-	339	-	13,355
Tramway, Conveyor, and Slurry Pipeline .....	11,164	-	2,427	-	13,591
<b>ORIGIN: UTAH</b>					
<b>Arizona</b> .....	<b>25</b>	-	<b>4</b>	-	<b>28</b>
Railroad .....	25	-	-	-	25
Tramway, Conveyor, and Slurry Pipeline .....	-	-	4	-	4
<b>California</b> .....	<b>3,635</b>	-	<b>1,833</b>	<b>24</b>	<b>5,492</b>
Railroad .....	3,635	-	1,831	*	5,466
Truck .....	-	-	1	24	25
<b>Colorado</b> .....	-	-	-	<b>3</b>	<b>3</b>
Truck .....	-	-	-	3	3
<b>Idaho</b> .....	-	-	<b>218</b>	<b>15</b>	<b>233</b>
Railroad .....	-	-	150	-	150
Truck .....	-	-	68	15	83
<b>Illinois</b> .....	<b>772</b>	-	-	-	<b>772</b>
Railroad .....	772	-	-	-	772
<b>Indiana</b> .....	<b>20</b>	-	-	-	<b>20</b>
Railroad .....	20	-	-	-	20
<b>Maryland</b> .....	<b>13</b>	-	-	-	<b>13</b>
Railroad .....	13	-	-	-	13
<b>Missouri</b> .....	<b>327</b>	-	-	-	<b>327</b>
Railroad .....	327	-	-	-	327
<b>Nebraska</b> .....	<b>21</b>	-	-	-	<b>21</b>
Truck .....	21	-	-	-	21
<b>Nevada</b> .....	<b>3,142</b>	-	<b>341</b>	*	<b>3,483</b>
Railroad .....	3,142	-	321	-	3,463
Truck .....	-	-	20	*	20
<b>New Jersey</b> .....	<b>22</b>	-	-	-	<b>22</b>
Railroad .....	22	-	-	-	22
<b>New Mexico</b> .....	-	-	-	*	*
Truck .....	-	-	-	*	*
<b>Oregon</b> .....	<b>179</b>	-	<b>54</b>	*	<b>234</b>
Railroad .....	179	-	54	-	234
Truck .....	-	-	-	*	*
<b>Pennsylvania</b> .....	-	-	<b>58</b>	-	<b>58</b>
Railroad .....	-	-	58	-	58
<b>Tennessee</b> .....	<b>1,305</b>	-	-	-	<b>1,305</b>
Railroad .....	1,305	-	-	-	1,305
<b>Texas</b> .....	<b>278</b>	-	-	-	<b>278</b>
Railroad .....	278	-	-	-	278
<b>Utah</b> .....	<b>11,441</b>	-	<b>830</b>	<b>59</b>	<b>12,329</b>
Railroad .....	3,158	-	230	-	3,388
Truck .....	4,291	-	600	59	4,950
Tramway, Conveyor, and Slurry Pipeline .....	3,991	-	-	-	3,991
<b>Virginia</b> .....	-	-	<b>118</b>	-	<b>118</b>
Railroad .....	-	-	118	-	118
<b>Washington</b> .....	-	-	<b>83</b>	<b>20</b>	<b>103</b>
Railroad .....	-	-	83	20	102
Truck .....	-	-	-	1	1

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: UTAH (Continued)</b>					
Wisconsin.....	34	-	-	-	34
Railroad.....	34	-	-	-	34
Wyoming.....	-	-	*	*	*
Truck.....	-	-	*	*	*
Unknown State.....	-	-	-	-	1 9
Unknown.....	-	-	-	-	1 9
<b>State Total.....</b>	<b>21,214</b>	-	<b>3,539</b>	<b>121</b>	<sup>1</sup> <b>24,883</b>
Railroad.....	12,910	-	2,846	20	15,776
Truck.....	4,313	-	689	101	5,103
Tramway, Conveyor, and Slurry Pipeline.....	3,991	-	4	-	3,995
Unknown.....	-	-	-	-	1 9
<b>ORIGIN: VIRGINIA</b>					
Alabama.....	10	298	200	-	507
Railroad.....	10	298	200	-	507
Connecticut.....	-	-	4	-	4
Railroad.....	-	-	4	-	4
Delaware.....	193	-	-	-	193
Railroad.....	193	-	-	-	193
Florida.....	150	-	11	-	162
Railroad.....	150	-	11	-	162
Georgia.....	4,781	-	426	8	5,216
Railroad.....	4,781	-	426	8	5,216
Illinois.....	-	24	1	-	25
Railroad.....	-	24	-	-	24
River.....	-	-	1	-	1
Indiana.....	813	811	927	-	2,551
Railroad.....	24	811	675	-	1,511
River.....	789	-	252	-	1,040
Kentucky.....	53	-	-	*	53
Railroad.....	11	-	-	-	11
River.....	42	-	-	-	42
Truck.....	-	-	-	*	*
Maryland.....	24	-	-	*	24
Railroad.....	24	-	-	-	24
Truck.....	-	-	-	*	*
Massachusetts.....	-	-	7	7	14
Railroad.....	-	-	7	7	14
Michigan.....	58	-	*	2	60
Railroad.....	45	-	-	2	46
River.....	13	-	-	-	13
Truck.....	-	-	*	*	*
New Jersey.....	599	-	-	-	599
Tidewater.....	599	-	-	-	599
New York.....	-	98	-	-	98
Railroad.....	-	98	-	-	98
North Carolina.....	458	-	312	35	806
Railroad.....	458	-	280	34	772
Truck.....	-	-	32	1	33
Ohio.....	507	335	4	-	846
Railroad.....	-	335	-	-	335
River.....	507	-	4	-	511
Oklahoma.....	-	-	25	-	25
Railroad.....	-	-	25	-	25
Pennsylvania.....	119	661	14	5	799
Railroad.....	17	661	14	-	693
Truck.....	102	-	-	5	106
South Carolina.....	124	-	365	-	490
Railroad.....	124	-	357	-	481
Truck.....	-	-	8	-	8
Tennessee.....	1,878	-	994	2	2,873
Railroad.....	1,878	-	935	-	2,813
Truck.....	-	-	58	2	60
Texas.....	-	-	-	12	12
Railroad.....	-	-	-	12	12
Truck.....	-	-	-	*	*

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: VIRGINIA (Continued)</b>					
<b>Utah</b> .....	-	119	-	-	119
Railroad.....	-	119	-	-	119
<b>Virginia</b> .....	6,506	996	1,121	41	<sup>2</sup> 8,739
Railroad.....	4,580	-	1,019	32	5,631
Truck.....	1,926	-	89	9	2,023
Tramway, Conveyor, and Slurry Pipeline.....	-	996	13	-	1,009
Unknown.....	-	-	-	-	<sup>2</sup> 76
<b>West Virginia</b> .....	16	43	326	1	386
Railroad.....	-	43	326	*	370
River.....	16	-	-	-	16
Truck.....	-	-	-	1	1
<b>Wisconsin</b> .....	83	-	-	-	83
Railroad.....	83	-	-	-	83
River.....	*	-	-	-	*
<b>Unknown State</b> .....	-	-	-	-	<sup>1</sup> 101
Unknown.....	-	-	-	-	<sup>1</sup> 101
<b>State Total</b> .....	16,372	3,385	4,738	113	<sup>3</sup> 24,785
Railroad.....	12,378	2,390	4,280	96	19,143
River.....	1,367	-	257	-	1,624
Tidewater.....	599	-	-	-	599
Truck.....	2,028	-	188	17	2,233
Tramway, Conveyor, and Slurry Pipeline.....	-	996	13	-	1,009
Unknown.....	-	-	-	-	<sup>3</sup> 177
<b>ORIGIN: WASHINGTON</b>					
<b>Washington</b> .....	4,270	-	-	-	4,270
Tramway, Conveyor, and Slurry Pipeline.....	4,270	-	-	-	4,270
<b>State Total</b> .....	4,270	-	-	-	4,270
Tramway, Conveyor, and Slurry Pipeline.....	4,270	-	-	-	4,270
<b>ORIGIN: WEST VIRGINIA, TOTAL</b>					
<b>Alabama</b> .....	217	1,116	171	-	1,504
Railroad.....	39	1,021	47	-	1,107
River.....	178	-	2	-	180
Truck.....	-	96	121	-	217
<b>Connecticut</b> .....	793	-	-	*	793
Railroad.....	111	-	-	-	111
Tidewater.....	682	-	-	-	682
Truck.....	*	-	-	*	*
<b>Delaware</b> .....	490	-	275	-	765
Railroad.....	453	-	275	-	728
River.....	37	-	-	-	37
<b>District of Columbia</b> .....	-	-	-	2	2
Railroad.....	-	-	-	2	2
<b>Florida</b> .....	3,694	-	211	-	3,905
Railroad.....	1,469	-	54	-	1,523
River.....	70	-	157	-	227
Tidewater.....	2,155	-	-	-	2,155
<b>Georgia</b> .....	2,261	-	45	-	2,306
Railroad.....	2,261	-	45	-	2,306
<b>Illinois</b> .....	-	1,444	696	*	2,141
Railroad.....	-	1,215	287	-	1,502
River.....	-	128	335	*	463
Truck.....	-	102	75	-	177
<b>Indiana</b> .....	1,892	6,244	184	-	8,320
Railroad.....	951	5,603	142	-	6,696
River.....	940	641	43	-	1,624
<b>Iowa</b> .....	-	-	78	42	120
Railroad.....	-	-	21	-	21
River.....	-	-	58	42	100
<b>Kentucky</b> .....	6,983	752	1,639	12	9,386
Railroad.....	902	751	125	-	1,778
River.....	5,980	-	506	12	6,498
Truck.....	102	*	1,008	-	1,110

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WEST VIRGINIA, TOTAL (Continued)</b>					
<b>Louisiana</b> .....	<b>130</b>	-	-	-	<b>130</b>
River .....	130	-	-	-	130
<b>Maryland</b> .....	<b>7,187</b>	-	<b>272</b>	<b>41</b>	<b>7,500</b>
Railroad .....	5,926	-	197	-	6,123
River .....	-	-	9	-	9
Tidewater .....	1,243	-	-	-	1,243
Truck .....	18	-	66	41	124
<b>Massachusetts</b> .....	<b>290</b>	-	<b>87</b>	*	<b>377</b>
Railroad .....	-	-	85	-	85
Tidewater .....	290	-	-	-	290
Truck .....	-	-	2	*	2
<b>Michigan</b> .....	<b>4,051</b>	<b>1,467</b>	<b>459</b>	-	<b>5,977</b>
Railroad .....	3,243	7	305	-	3,555
River .....	222	-	-	-	222
Great Lakes .....	571	1,460	154	-	2,185
Truck .....	15	-	-	-	15
<b>Minnesota</b> .....	-	-	<b>42</b>	-	<b>42</b>
River .....	-	-	42	-	42
<b>Mississippi</b> .....	-	-	<b>40</b>	-	<b>40</b>
Railroad .....	-	-	37	-	37
River .....	-	-	3	-	3
<b>Missouri</b> .....	<b>5</b>	-	<b>69</b>	<b>13</b>	<b>87</b>
River .....	5	-	69	13	87
<b>New Hampshire</b> .....	<b>85</b>	-	-	-	<b>85</b>
Railroad .....	85	-	-	-	85
<b>New Jersey</b> .....	<b>1,945</b>	-	-	-	<b>1,945</b>
Railroad .....	1,242	-	-	-	1,242
Tidewater .....	703	-	-	-	703
<b>New York</b> .....	<b>3,463</b>	<b>763</b>	<b>134</b>	<b>13</b>	<b>4,373</b>
Railroad .....	3,457	674	134	-	4,264
River .....	6	10	-	11	27
Truck .....	-	80	-	2	82
<b>North Carolina</b> .....	<b>14,471</b>	-	<b>108</b>	<b>52</b>	<b>14,631</b>
Railroad .....	14,411	-	108	22	14,541
River .....	50	-	-	-	50
Truck .....	11	-	-	30	41
<b>Ohio</b> .....	<b>22,174</b>	<b>723</b>	<b>1,480</b>	<b>4</b>	<b>24,381</b>
Railroad .....	3,412	585	635	-	4,632
River .....	17,987	138	491	-	18,616
Truck .....	775	-	353	4	1,132
<b>Oregon</b> .....	-	-	<b>8</b>	-	<b>8</b>
Railroad .....	-	-	8	-	8
<b>Pennsylvania</b> .....	<b>11,112</b>	<b>5,361</b>	<b>958</b>	<b>7</b>	<b>17,438</b>
Railroad .....	4,529	2,844	846	-	8,220
River .....	5,817	2,517	24	-	8,358
Tidewater .....	-	-	15	-	15
Truck .....	766	-	72	7	845
<b>South Carolina</b> .....	<b>371</b>	-	<b>21</b>	-	<b>391</b>
Railroad .....	371	-	21	-	391
<b>Tennessee</b> .....	<b>606</b>	-	<b>97</b>	-	<b>703</b>
Railroad .....	45	-	6	-	51
River .....	561	-	79	-	640
Truck .....	-	-	13	-	13
<b>Texas</b> .....	<b>7</b>	-	-	-	<b>7</b>
River .....	7	-	-	-	7
<b>Utah</b> .....	-	<b>252</b>	<b>25</b>	-	<b>277</b>
Railroad .....	-	252	25	-	277
<b>Virginia</b> .....	<b>4,317</b>	<b>39</b>	<b>1,592</b>	<b>16</b>	<b>5,964</b>
Railroad .....	3,621	-	1,564	16	5,200
River .....	-	-	1	-	1
Tidewater .....	220	-	-	-	220
Truck .....	476	-	27	1	503
Tramway, Conveyor, and Slurry Pipeline .....	-	39	-	-	39
<b>West Virginia</b> .....	<b>17,896</b>	<b>1,108</b>	<b>3,441</b>	<b>210</b>	<b>22,664</b>
Railroad .....	8,461	403	669	-	9,534
River .....	7,014	704	303	176	8,197
Truck .....	2,420	-	1,958	34	4,412
Tramway, Conveyor, and Slurry Pipeline .....	-	-	511	-	511
Unknown .....	-	-	-	-	2 9

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WEST VIRGINIA, TOTAL (Continued)</b>					
<b>Wisconsin</b> .....	<b>233</b>	—	<b>265</b>	*	<b>498</b>
Railroad.....	174	—	190	—	363
River.....	5	—	—	*	6
Great Lakes.....	54	—	75	—	129
<b>Unknown State</b> .....	—	—	—	—	<sup>1</sup> <b>1,479</b>
Unknown.....	—	—	—	—	<sup>1</sup> 1,479
<b>State Total</b> .....	<b>104,672</b>	<b>19,270</b>	<b>12,398</b>	<b>412</b>	<sup>3</sup> <b>138,240</b>
Railroad.....	55,162	13,355	5,826	39	74,383
River.....	39,011	4,138	2,121	255	45,524
Great Lakes.....	625	1,460	229	—	2,314
Tidewater.....	5,293	—	15	—	5,308
Truck.....	4,582	277	3,696	118	8,673
Tramway, Conveyor, and Slurry Pipeline.....	—	39	511	—	550
Unknown.....	—	—	—	—	<sup>3</sup> 1,488
<b>ORIGIN: WEST VIRGINIA, NORTHERN</b>					
<b>Alabama</b> .....	<b>110</b>	—	<b>21</b>	—	<b>131</b>
Railroad.....	—	—	21	—	21
River.....	110	—	—	—	110
<b>Connecticut</b> .....	<b>783</b>	—	—	*	<b>783</b>
Railroad.....	101	—	—	—	101
Tidewater.....	682	—	—	—	682
Truck.....	*	—	—	*	*
<b>Delaware</b> .....	<b>247</b>	—	—	—	<b>247</b>
Railroad.....	247	—	—	—	247
<b>Florida</b> .....	<b>1,349</b>	—	—	—	<b>1,349</b>
Railroad.....	1,349	—	—	—	1,349
<b>Indiana</b> .....	<b>1,491</b>	—	—	—	<b>1,491</b>
Railroad.....	839	—	—	—	839
River.....	652	—	—	—	652
<b>Kentucky</b> .....	<b>2,578</b>	<b>509</b>	—	—	<b>3,087</b>
Railroad.....	—	509	—	—	509
River.....	2,578	—	—	—	2,578
<b>Louisiana</b> .....	<b>90</b>	—	—	—	<b>90</b>
River.....	90	—	—	—	90
<b>Maryland</b> .....	<b>3,398</b>	—	<b>224</b>	<b>41</b>	<b>3,663</b>
Railroad.....	2,645	—	158	—	2,804
Tidewater.....	735	—	—	—	735
Truck.....	18	—	66	41	124
<b>Michigan</b> .....	<b>419</b>	—	<b>7</b>	—	<b>427</b>
Railroad.....	419	—	—	—	419
Great Lakes.....	—	—	7	—	7
<b>Mississippi</b> .....	—	—	<b>3</b>	—	<b>3</b>
River.....	—	—	3	—	3
<b>New Hampshire</b> .....	<b>80</b>	—	—	—	<b>80</b>
Railroad.....	80	—	—	—	80
<b>New Jersey</b> .....	<b>1,299</b>	—	—	—	<b>1,299</b>
Railroad.....	790	—	—	—	790
Tidewater.....	508	—	—	—	508
<b>New York</b> .....	<b>2,672</b>	<b>281</b>	<b>3</b>	<b>2</b>	<b>2,958</b>
Railroad.....	2,672	281	3	—	2,956
Truck.....	—	—	—	2	2
<b>Ohio</b> .....	<b>5,249</b>	—	<b>233</b>	—	<b>5,482</b>
Railroad.....	2,017	—	233	—	2,249
River.....	3,207	—	—	—	3,207
Truck.....	25	—	1	—	26
<b>Pennsylvania</b> .....	<b>8,423</b>	—	<b>209</b>	<b>7</b>	<b>8,638</b>
Railroad.....	2,270	—	154	—	2,423
River.....	5,554	—	—	—	5,554
Truck.....	599	—	55	7	661
<b>Virginia</b> .....	<b>628</b>	—	<b>1</b>	—	<b>629</b>
Railroad.....	184	—	—	—	184
River.....	—	—	1	—	1
Truck.....	444	—	—	—	444

See footnotes at end of table.



**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WEST VIRGINIA, NORTHERN (Continued)</b>					
<b>West Virginia</b> .....	<b>5,565</b>	—	<b>291</b>	<b>9</b>	<sup>2</sup> <b>5,865</b>
Railroad.....	286	—	3	—	289
River.....	3,108	—	4	—	3,112
Truck.....	2,171	—	256	9	2,436
Tramway, Conveyor, and Slurry Pipeline.....	—	—	27	—	27
Unknown.....	—	—	—	—	20
<b>Wisconsin</b> .....	<b>1</b>	—	<b>75</b>	—	<b>76</b>
Railroad.....	1	—	—	—	1
Great Lakes.....	—	—	75	—	75
<b>Unknown State</b> .....	—	—	—	—	<b>183</b>
Unknown.....	—	—	—	—	183
<b>State Total</b> .....	<b>34,380</b>	<b>789</b>	<b>1,068</b>	<b>59</b>	<sup>3</sup> <b>36,379</b>
Railroad.....	13,900	789	572	—	15,262
River.....	15,299	—	8	—	15,307
Great Lakes.....	—	—	82	—	82
Tidewater.....	1,925	—	—	—	1,925
Truck.....	3,255	—	378	59	3,693
Tramway, Conveyor, and Slurry Pipeline.....	—	—	27	—	27
Unknown.....	—	—	—	—	383
<b>ORIGIN: WEST VIRGINIA, SOUTHERN</b>					
<b>Alabama</b> .....	<b>107</b>	<b>1,116</b>	<b>150</b>	—	<b>1,373</b>
Railroad.....	39	1,021	26	—	1,086
River.....	68	—	2	—	71
Truck.....	—	96	121	—	217
<b>Connecticut</b> .....	<b>10</b>	—	—	—	<b>10</b>
Railroad.....	10	—	—	—	10
<b>Delaware</b> .....	<b>242</b>	—	<b>275</b>	—	<b>518</b>
Railroad.....	206	—	275	—	481
River.....	37	—	—	—	37
<b>District of Columbia</b> .....	—	—	—	<b>2</b>	<b>2</b>
Railroad.....	—	—	—	2	2
<b>Florida</b> .....	<b>2,345</b>	—	<b>211</b>	—	<b>2,556</b>
Railroad.....	120	—	54	—	174
River.....	70	—	157	—	227
Tidewater.....	2,155	—	—	—	2,155
<b>Georgia</b> .....	<b>2,261</b>	—	<b>45</b>	—	<b>2,306</b>
Railroad.....	2,261	—	45	—	2,306
<b>Illinois</b> .....	—	<b>1,444</b>	<b>696</b>	*	<b>2,141</b>
Railroad.....	—	1,215	287	—	1,502
River.....	—	128	335	*	463
Truck.....	—	102	75	—	177
<b>Indiana</b> .....	<b>401</b>	<b>6,244</b>	<b>184</b>	—	<b>6,829</b>
Railroad.....	112	5,603	142	—	5,857
River.....	289	641	43	—	972
<b>Iowa</b> .....	—	—	<b>78</b>	<b>42</b>	<b>120</b>
Railroad.....	—	—	21	—	21
River.....	—	—	58	42	100
<b>Kentucky</b> .....	<b>4,405</b>	<b>243</b>	<b>1,639</b>	<b>12</b>	<b>6,299</b>
Railroad.....	902	243	125	—	1,270
River.....	3,402	—	506	12	3,920
Truck.....	102	*	1,008	—	1,110
<b>Louisiana</b> .....	<b>40</b>	—	—	—	<b>40</b>
River.....	40	—	—	—	40
<b>Maryland</b> .....	<b>3,789</b>	—	<b>48</b>	—	<b>3,837</b>
Railroad.....	3,281	—	39	—	3,320
River.....	—	—	9	—	9
Tidewater.....	509	—	—	—	509
<b>Massachusetts</b> .....	<b>290</b>	—	<b>87</b>	*	<b>377</b>
Railroad.....	—	—	85	—	85
Tidewater.....	290	—	—	—	290
Truck.....	—	—	2	*	2
<b>Michigan</b> .....	<b>3,631</b>	<b>1,467</b>	<b>452</b>	—	<b>5,550</b>
Railroad.....	2,824	7	305	—	3,136
River.....	222	—	—	—	222
Great Lakes.....	571	1,460	147	—	2,178
Truck.....	15	—	—	—	15

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WEST VIRGINIA, SOUTHERN (Continued)</b>					
<b>Minnesota</b> .....	—	—	<b>42</b>	—	<b>42</b>
River .....	—	—	42	—	42
<b>Mississippi</b> .....	—	—	<b>37</b>	—	<b>37</b>
Railroad .....	—	—	37	—	37
<b>Missouri</b> .....	<b>5</b>	—	<b>69</b>	<b>13</b>	<b>87</b>
River .....	5	—	69	13	87
<b>New Hampshire</b> .....	<b>5</b>	—	—	—	<b>5</b>
Railroad .....	5	—	—	—	5
<b>New Jersey</b> .....	<b>647</b>	—	—	—	<b>647</b>
Railroad .....	452	—	—	—	452
Tidewater .....	195	—	—	—	195
<b>New York</b> .....	<b>791</b>	<b>483</b>	<b>131</b>	<b>11</b>	<b>1,415</b>
Railroad .....	785	393	131	—	1,308
River .....	6	10	—	11	27
Truck .....	—	80	—	—	80
<b>North Carolina</b> .....	<b>14,471</b>	—	<b>108</b>	<b>52</b>	<b>14,631</b>
Railroad .....	14,411	—	108	22	14,541
River .....	50	—	—	—	50
Truck .....	11	—	—	30	41
<b>Ohio</b> .....	<b>16,926</b>	<b>723</b>	<b>1,247</b>	<b>4</b>	<b>18,899</b>
Railroad .....	1,395	585	403	—	2,383
River .....	14,780	138	491	—	15,409
Truck .....	750	—	353	4	1,107
<b>Oregon</b> .....	—	—	<b>8</b>	—	<b>8</b>
Railroad .....	—	—	8	—	8
<b>Pennsylvania</b> .....	<b>2,690</b>	<b>5,361</b>	<b>749</b>	—	<b>8,799</b>
Railroad .....	2,260	2,844	692	—	5,796
River .....	263	2,517	24	—	2,804
Tidewater .....	—	—	15	—	15
Truck .....	167	—	17	—	184
<b>South Carolina</b> .....	<b>371</b>	—	<b>21</b>	—	<b>391</b>
Railroad .....	371	—	21	—	391
<b>Tennessee</b> .....	<b>606</b>	—	<b>97</b>	—	<b>703</b>
Railroad .....	45	—	6	—	51
River .....	561	—	79	—	640
Truck .....	—	—	13	—	13
<b>Texas</b> .....	<b>7</b>	—	—	—	<b>7</b>
River .....	7	—	—	—	7
<b>Utah</b> .....	—	<b>252</b>	<b>25</b>	—	<b>277</b>
Railroad .....	—	252	25	—	277
<b>Virginia</b> .....	<b>3,689</b>	<b>39</b>	<b>1,591</b>	<b>16</b>	<b>5,335</b>
Railroad .....	3,437	—	1,564	16	5,016
Tidewater .....	220	—	—	—	220
Truck .....	32	—	27	1	60
Tramway, Conveyor, and Slurry Pipeline .....	—	39	—	—	39
<b>West Virginia</b> .....	<b>12,331</b>	<b>1,108</b>	<b>3,151</b>	<b>201</b>	<sup>2</sup> <b>16,799</b>
Railroad .....	8,175	403	666	—	9,245
River .....	3,906	704	299	176	5,085
Truck .....	249	—	1,702	25	1,976
Tramway, Conveyor, and Slurry Pipeline .....	—	—	483	—	483
Unknown .....	—	—	—	—	29
<b>Wisconsin</b> .....	<b>232</b>	—	<b>190</b>	*	<b>422</b>
Railroad .....	173	—	190	—	362
River .....	5	—	—	*	6
Great Lakes .....	54	—	—	—	54
<b>Unknown State</b> .....	—	—	—	—	<sup>1</sup> <b>1,396</b>
Unknown .....	—	—	—	—	<sup>1</sup> 1,396
<b>State Total</b> .....	<b>70,293</b>	<b>18,481</b>	<b>11,330</b>	<b>353</b>	<sup>3</sup> <b>101,861</b>
Railroad .....	41,262	12,566	5,254	39	59,121
River .....	23,711	4,138	2,113	255	30,217
Great Lakes .....	625	1,460	147	—	2,232
Tidewater .....	3,369	—	15	—	3,384
Truck .....	1,326	277	3,318	59	4,980
Tramway, Conveyor, and Slurry Pipeline .....	—	39	483	—	523
Unknown .....	—	—	—	—	<sup>3</sup> 1,405

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WYOMING</b>					
<b>Alabama</b> .....	<b>11,334</b>	-	-	-	<b>11,334</b>
Railroad.....	11,334	-	-	-	11,334
<b>Arizona</b> .....	<b>1,898</b>	-	-	-	<b>1,898</b>
Railroad.....	1,898	-	-	-	1,898
<b>Arkansas</b> .....	<b>13,699</b>	-	-	-	<b>13,699</b>
Railroad.....	13,699	-	-	-	13,699
<b>Colorado</b> .....	<b>9,117</b>	-	<b>48</b>	-	<b>9,165</b>
Railroad.....	9,117	-	48	-	9,165
<b>Connecticut</b> .....	<b>10</b>	-	-	-	<b>10</b>
Railroad.....	10	-	-	-	10
<b>Florida</b> .....	<b>104</b>	-	-	-	<b>104</b>
Railroad.....	104	-	-	-	104
<b>Georgia</b> .....	<b>6,928</b>	-	-	-	<b>6,928</b>
Railroad.....	6,928	-	-	-	6,928
<b>Idaho</b> .....	-	-	<b>210</b>	<b>5</b>	<b>215</b>
Railroad.....	-	-	184	-	184
Truck.....	-	-	26	5	31
<b>Illinois</b> .....	<b>28,527</b>	-	<b>40</b>	-	<b>28,567</b>
Railroad.....	27,025	-	40	-	27,066
River.....	1,501	-	-	-	1,501
<b>Indiana</b> .....	<b>15,732</b>	-	<b>206</b>	-	<b>15,938</b>
Railroad.....	8,123	-	-	-	8,123
River.....	7,609	-	206	-	7,815
<b>Iowa</b> .....	<b>18,296</b>	-	<b>877</b>	-	<b>19,173</b>
Railroad.....	18,296	-	877	-	19,173
<b>Kansas</b> .....	<b>13,600</b>	-	-	-	<b>13,600</b>
Railroad.....	13,600	-	-	-	13,600
<b>Kentucky</b> .....	<b>1,618</b>	-	-	-	<b>1,618</b>
Railroad.....	895	-	-	-	895
River.....	723	-	-	-	723
<b>Louisiana</b> .....	<b>11,058</b>	-	-	-	<b>11,058</b>
Railroad.....	11,058	-	-	-	11,058
<b>Michigan</b> .....	<b>9,809</b>	-	-	-	<b>9,809</b>
Railroad.....	9,718	-	-	-	9,718
Great Lakes.....	91	-	-	-	91
<b>Minnesota</b> .....	<b>10,192</b>	-	<b>682</b>	<b>5</b>	<b>10,879</b>
Railroad.....	9,670	-	185	5	9,859
Great Lakes.....	522	-	497	-	1,019
<b>Mississippi</b> .....	<b>306</b>	-	-	-	<b>306</b>
Railroad.....	306	-	-	-	306
<b>Missouri</b> .....	<b>32,300</b>	-	-	-	<b>32,300</b>
Railroad.....	32,300	-	-	-	32,300
<b>Montana</b> .....	<b>660</b>	-	<b>68</b>	*	<b>729</b>
Railroad.....	660	-	68	-	729
Truck.....	-	-	-	*	*
<b>Nebraska</b> .....	<b>10,832</b>	-	<b>209</b>	-	<b>11,041</b>
Railroad.....	10,832	-	209	-	11,041
<b>New Hampshire</b> .....	<b>17</b>	-	-	-	<b>17</b>
Railroad.....	17	-	-	-	17
<b>New York</b> .....	<b>20</b>	-	-	-	<b>20</b>
Railroad.....	20	-	-	-	20
<b>North Carolina</b> .....	<b>152</b>	-	-	-	<b>152</b>
Railroad.....	152	-	-	-	152
<b>North Dakota</b> .....	<b>142</b>	-	<b>65</b>	-	<b>208</b>
Railroad.....	142	-	65	-	208
<b>Ohio</b> .....	<b>2,697</b>	-	-	-	<b>2,697</b>
Railroad.....	2,697	-	-	-	2,697
<b>Oklahoma</b> .....	<b>18,009</b>	-	<b>5</b>	-	<b>18,014</b>
Railroad.....	18,009	-	5	-	18,014
<b>Oregon</b> .....	<b>1,822</b>	-	<b>23</b>	-	<b>1,845</b>
Railroad.....	1,822	-	23	-	1,845
<b>Pennsylvania</b> .....	<b>4,316</b>	-	-	-	<b>4,316</b>
Railroad.....	4,316	-	-	-	4,316
<b>South Carolina</b> .....	<b>247</b>	-	-	-	<b>247</b>
Railroad.....	247	-	-	-	247
<b>South Dakota</b> .....	<b>780</b>	-	<b>264</b>	<b>1</b>	<b>1,046</b>
Railroad.....	590	-	-	-	590
Truck.....	190	-	264	1	455

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: WYOMING (Continued)</b>					
<b>Tennessee</b> .....	<b>3,138</b>	—	<b>153</b>	—	<b>3,291</b>
Railroad.....	3,138	—	153	—	3,291
<b>Texas</b> .....	<b>49,181</b>	—	<b>165</b>	—	<b>49,346</b>
Railroad.....	49,181	—	165	—	49,346
<b>Utah</b> .....	<b>260</b>	—	—	*	<b>260</b>
Railroad.....	260	—	—	—	260
Truck.....	—	—	—	*	*
<b>Washington</b> .....	—	—	—	*	*
Railroad.....	—	—	—	*	*
<b>West Virginia</b> .....	<b>4,198</b>	—	—	—	<b>4,198</b>
Railroad.....	4,198	—	—	—	4,198
<b>Wisconsin</b> .....	<b>23,516</b>	—	<b>521</b>	—	<b>24,038</b>
Railroad.....	23,516	—	521	—	24,038
<b>Wyoming</b> .....	<b>19,982</b>	—	<b>1,876</b>	<b>73</b>	<b>21,931</b>
Railroad.....	7,316	—	1,322	29	8,667
Truck.....	1,244	—	554	44	1,842
Tramway, Conveyor, and Slurry Pipeline.....	11,423	—	—	—	11,423
<b>Unknown State</b> .....	—	—	—	—	<sup>1</sup> <b>4,353</b>
Unknown.....	—	—	—	—	<sup>1</sup> 4,353
<b>State Total</b> .....	<b>324,497</b>	—	<b>5,414</b>	<b>84</b>	<sup>1</sup> <b>334,349</b>
Railroad.....	301,195	—	3,866	34	305,095
River.....	9,833	—	206	—	10,039
Great Lakes.....	613	—	497	—	1,111
Truck.....	1,434	—	844	51	2,329
Tramway, Conveyor, and Slurry Pipeline.....	11,423	—	—	—	11,423
Unknown.....	—	—	—	—	<sup>1</sup> 4,353
<b>ORIGIN: U.S. TOTAL</b>					
<b>Alabama</b> .....	<b>27,860</b>	<b>1,700</b>	<b>3,052</b>	<b>53</b>	<b>32,665</b>
Railroad.....	19,549	1,416	753	—	21,718
River.....	6,770	16	133	—	6,918
Tidewater.....	314	—	—	—	314
Truck.....	1,228	268	2,166	53	3,715
<b>Alaska</b> .....	<b>324</b>	—	*	<b>523</b>	<b>847</b>
Railroad.....	154	—	*	462	616
Truck.....	170	—	—	61	231
<b>Arizona</b> .....	<b>20,925</b>	—	<b>613</b>	*	<b>21,538</b>
Railroad.....	20,762	—	610	—	21,371
River.....	163	—	—	—	163
Truck.....	—	—	—	*	*
Tramway, Conveyor, and Slurry Pipeline.....	—	—	4	—	4
<b>Arkansas</b> .....	<b>13,699</b>	—	<b>400</b>	—	<b>14,099</b>
Railroad.....	13,699	—	338	—	14,037
Truck.....	—	—	62	—	62
<b>California</b> .....	<b>3,752</b>	—	<b>1,915</b>	<b>24</b>	<b>5,691</b>
Railroad.....	3,752	—	1,913	*	5,665
Truck.....	—	—	2	24	25
<b>Colorado</b> .....	<b>21,468</b>	—	<b>1,099</b>	<b>80</b>	<b>22,646</b>
Railroad.....	18,341	—	895	69	19,306
River.....	3	—	—	—	3
Truck.....	3,123	—	204	11	3,338
<b>Connecticut</b> .....	<b>1,559</b>	—	<b>4</b>	<b>4</b>	<b>1,566</b>
Railroad.....	203	—	4	—	207
Tidewater.....	1,355	—	—	—	1,355
Truck.....	*	—	*	4	4
<b>Delaware</b> .....	<b>1,265</b>	—	<b>398</b>	<b>1</b>	<b>1,664</b>
Railroad.....	1,229	—	398	—	1,627
River.....	37	—	—	—	37
Truck.....	—	—	*	1	1
<b>District of Columbia</b> .....	—	—	—	<b>7</b>	<b>7</b>
Railroad.....	—	—	—	7	7
<b>Florida</b> .....	<b>23,483</b>	—	<b>926</b>	<b>9</b>	<b>24,418</b>
Railroad.....	12,143	—	711	—	12,854
River.....	8,958	—	157	—	9,114
Tidewater.....	2,382	—	—	—	2,382
Truck.....	—	—	58	9	67

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: U.S. TOTAL (Continued)</b>					
<b>Georgia</b> .....	<b>30,930</b>	—	<b>1,801</b>	<b>9</b>	<b>32,739</b>
Railroad .....	30,930	—	1,624	9	32,563
River .....	—	—	25	—	25
Truck .....	—	—	151	—	151
<b>Hawaii</b> .....	—	—	*	—	*
Tidewater .....	—	—	*	—	*
<b>Idaho</b> .....	—	—	<b>429</b>	<b>20</b>	<b>448</b>
Railroad .....	—	—	334	—	334
Truck .....	—	—	95	20	114
<b>Illinois</b> .....	<b>41,426</b>	<b>1,469</b>	<b>4,337</b>	<b>230</b>	<b>47,461</b>
Railroad .....	36,126	1,239	2,069	1	39,435
River .....	2,561	128	645	79	3,413
Great Lakes .....	—	—	2	—	2
Truck .....	2,739	102	1,612	150	4,602
Tramway, Conveyor, and Slurry Pipeline .....	—	—	10	—	10
<b>Indiana</b> .....	<b>48,795</b>	<b>7,606</b>	<b>4,811</b>	<b>275</b>	<b>61,487</b>
Railroad .....	28,765	6,966	1,738	*	37,469
River .....	10,923	641	1,950	2	13,514
Truck .....	8,359	—	1,124	274	9,756
Tramway, Conveyor, and Slurry Pipeline .....	748	—	—	—	748
<b>Iowa</b> .....	<b>19,007</b>	—	<b>1,834</b>	<b>261</b>	<b>21,102</b>
Railroad .....	18,710	—	1,179	—	19,889
River .....	297	—	446	261	1,005
Truck .....	—	—	208	*	208
<b>Kansas</b> .....	<b>16,173</b>	—	<b>136</b>	<b>11</b>	<b>16,320</b>
Railroad .....	15,771	—	26	—	15,798
Truck .....	401	—	109	11	522
<b>Kentucky</b> .....	<b>34,910</b>	<b>1,186</b>	<b>6,753</b>	<b>190</b>	<b>43,059</b>
Railroad .....	11,279	1,184	498	—	12,960
River .....	13,960	—	3,012	12	16,985
Truck .....	9,671	2	3,244	178	13,094
Unknown .....	—	—	—	—	20
<b>Louisiana</b> .....	<b>16,377</b>	—	<b>31</b>	<b>*</b>	<b>16,408</b>
Railroad .....	11,058	—	*	—	11,058
River .....	1,623	—	31	—	1,654
Truck .....	770	—	—	*	770
Tramway, Conveyor, and Slurry Pipeline .....	2,926	—	—	—	2,926
<b>Maine</b> .....	—	—	<b>177</b>	<b>3</b>	<b>180</b>
Railroad .....	—	—	58	*	58
Tidewater .....	—	—	92	—	92
Truck .....	—	—	27	3	30
<b>Maryland</b> .....	<b>11,849</b>	—	<b>804</b>	<b>84</b>	<b>12,737</b>
Railroad .....	9,383	—	307	1	9,691
River .....	119	—	43	—	162
Tidewater .....	1,243	—	—	—	1,243
Truck .....	1,103	—	454	83	1,640
<b>Massachusetts</b> .....	<b>748</b>	—	<b>175</b>	<b>16</b>	<b>940</b>
Railroad .....	443	—	145	7	596
Tidewater .....	304	—	—	—	304
Truck .....	—	—	30	9	40
<b>Michigan</b> .....	<b>30,952</b>	<b>1,529</b>	<b>1,989</b>	<b>14</b>	<b>34,483</b>
Railroad .....	22,370	7	1,032	9	23,419
River .....	880	—	14	—	894
Great Lakes .....	7,394	1,522	896	—	9,811
Truck .....	308	—	47	5	359
<b>Minnesota</b> .....	<b>21,180</b>	—	<b>918</b>	<b>5</b>	<b>22,104</b>
Railroad .....	20,485	—	210	5	20,700
River .....	173	—	133	*	307
Great Lakes .....	522	—	574	—	1,096
Truck .....	—	—	*	*	*
<b>Mississippi</b> .....	<b>3,163</b>	—	<b>156</b>	—	<b>3,319</b>
Railroad .....	1,795	—	47	—	1,842
River .....	147	—	109	—	256
Tidewater .....	1,210	—	—	—	1,210
Tramway, Conveyor, and Slurry Pipeline .....	11	—	—	—	11
<b>Missouri</b> .....	<b>35,447</b>	—	<b>735</b>	<b>176</b>	<b>36,358</b>
Railroad .....	33,905	—	*	—	33,905
River .....	1,166	—	328	22	1,516
Truck .....	376	—	407	154	937

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>ORIGIN: U.S. TOTAL (Continued)</b>					
<b>Montana</b> .....	<b>9,876</b>	—	<b>576</b>	<b>3</b>	<b>10,455</b>
Railroad.....	798	—	71	—	869
Truck.....	347	—	64	3	414
Tramway, Conveyor, and Slurry Pipeline.....	8,731	—	441	—	9,173
<b>Nebraska</b> .....	<b>10,859</b>	—	<b>330</b>	—	<b>11,189</b>
Railroad.....	10,838	—	330	—	11,168
Truck.....	21	—	—	—	21
<b>Nevada</b> .....	<b>7,853</b>	—	<b>341</b>	*	<b>8,195</b>
Railroad.....	3,142	—	321	—	3,463
Truck.....	—	—	20	*	20
Tramway, Conveyor, and Slurry Pipeline.....	4,711	—	—	—	4,711
<b>New Hampshire</b> .....	<b>794</b>	—	*	<b>4</b>	<b>798</b>
Railroad.....	783	—	—	*	783
Tidewater.....	11	—	—	—	11
Truck.....	—	—	*	4	4
<b>New Jersey</b> .....	<b>3,575</b>	—	<b>10</b>	<b>5</b>	<b>3,590</b>
Railroad.....	2,131	—	1	*	2,132
Tidewater.....	1,444	—	—	—	1,444
Truck.....	—	—	9	5	14
<b>New Mexico</b> .....	<b>16,497</b>	—	<b>76</b>	<b>6</b>	<b>16,582</b>
Railroad.....	9,423	—	—	—	9,423
Truck.....	23	—	76	6	105
Tramway, Conveyor, and Slurry Pipeline.....	7,051	—	—	—	7,051
Unknown.....	—	—	—	—	2 4
<b>New York</b> .....	<b>7,955</b>	<b>861</b>	<b>1,223</b>	<b>101</b>	<b>10,141</b>
Railroad.....	7,553	771	1,023	1	9,349
River.....	53	10	—	58	121
Tidewater.....	15	—	—	—	15
Truck.....	334	80	201	43	657
<b>North Carolina</b> .....	<b>27,230</b>	—	<b>1,881</b>	<b>113</b>	<b>29,224</b>
Railroad.....	26,780	—	1,652	82	28,514
River.....	425	—	—	—	425
Truck.....	25	—	229	32	286
<b>North Dakota</b> .....	<b>25,174</b>	—	<b>6,193</b>	<b>134</b>	<b>31,500</b>
Railroad.....	656	—	65	79	800
Truck.....	4,372	—	—	55	4,427
Tramway, Conveyor, and Slurry Pipeline.....	20,146	—	6,127	—	26,273
<b>Ohio</b> .....	<b>54,142</b>	<b>1,356</b>	<b>4,632</b>	<b>216</b>	<b>60,346</b>
Railroad.....	10,890	1,216	1,078	—	13,184
River.....	29,605	138	737	89	30,570
Great Lakes.....	150	—	165	—	316
Truck.....	7,012	1	2,652	127	9,792
Tramway, Conveyor, and Slurry Pipeline.....	6,484	—	—	—	6,484
<b>Oklahoma</b> .....	<b>19,175</b>	—	<b>381</b>	—	<b>19,555</b>
Railroad.....	18,009	—	214	—	18,223
River.....	—	—	26	—	26
Truck.....	1,165	—	140	—	1,306
<b>Oregon</b> .....	<b>2,001</b>	—	<b>97</b>	*	<b>2,098</b>
Railroad.....	2,001	—	97	—	2,098
Truck.....	—	—	—	*	*
<b>Pennsylvania</b> .....	<b>44,903</b>	<b>7,719</b>	<b>4,661</b>	<b>728</b>	<b>58,054</b>
Railroad.....	19,464	3,755	1,387	2	24,609
River.....	9,709	3,964	346	22	14,041
Tidewater.....	—	—	15	—	15
Truck.....	15,028	—	2,848	704	18,580
Tramway, Conveyor, and Slurry Pipeline.....	702	—	66	—	768
Unknown.....	—	—	—	—	2 42
<b>Rhode Island</b> .....	—	—	—	<b>2</b>	<b>2</b>
Truck.....	—	—	—	2	2
<b>South Carolina</b> .....	<b>12,889</b>	—	<b>2,145</b>	—	<b>15,034</b>
Railroad.....	12,889	—	2,032	—	14,921
Truck.....	—	—	113	—	113
<b>South Dakota</b> .....	<b>780</b>	—	<b>264</b>	<b>1</b>	<b>1,046</b>
Railroad.....	590	—	—	—	590
Truck.....	190	—	264	1	455
<b>Tennessee</b> .....	<b>24,843</b>	—	<b>3,356</b>	<b>112</b>	<b>28,311</b>
Railroad.....	14,176	—	2,615	—	16,791
River.....	10,377	—	257	76	10,710
Truck.....	289	—	484	36	809

See footnotes at end of table.

**Table 63. Domestic Distribution of U.S. Coal by Origin State, Consumer, Destination and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

State of Destination by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
ORIGIN: U.S. TOTAL (Continued)					
<b>Texas</b> .....	<b>96,802</b>	—	<b>4,665</b>	<b>13</b>	<b>101,480</b>
Railroad.....	72,645	—	1,784	12	74,441
River.....	7	—	—	—	7
Truck.....	12,986	—	454	*	13,440
Tramway, Conveyor, and Slurry Pipeline.....	11,164	—	2,427	—	13,591
<b>Utah</b> .....	<b>13,231</b>	<b>709</b>	<b>864</b>	<b>59</b>	<b>14,863</b>
Railroad.....	4,949	709	255	—	5,913
Truck.....	4,291	—	608	59	4,959
Tramway, Conveyor, and Slurry Pipeline.....	3,991	—	—	—	3,991
<b>Vermont</b> .....	—	—	—	<b>1</b>	<b>1</b>
Railroad.....	—	—	—	*	*
Truck.....	—	—	—	1	1
<b>Virginia</b> .....	<b>15,477</b>	<b>1,035</b>	<b>5,623</b>	<b>83</b>	<sup>2</sup> <b>22,294</b>
Railroad.....	11,785	—	3,641	48	15,475
River.....	—	—	1	—	1
Tidewater.....	220	—	—	—	220
Truck.....	3,471	—	1,967	35	5,473
Tramway, Conveyor, and Slurry Pipeline.....	—	1,035	13	—	1,048
Unknown.....	—	—	—	—	2 76
<b>Washington</b> .....	<b>5,955</b>	—	<b>83</b>	<b>20</b>	<b>6,058</b>
Railroad.....	1,685	—	83	20	1,787
Truck.....	—	—	—	1	1
Tramway, Conveyor, and Slurry Pipeline.....	4,270	—	—	—	4,270
<b>West Virginia</b> .....	<b>33,798</b>	<b>1,151</b>	<b>4,890</b>	<b>216</b>	<sup>2</sup> <b>40,065</b>
Railroad.....	12,736	447	1,107	2	14,291
River.....	15,866	704	1,114	176	17,861
Truck.....	5,196	—	2,158	39	7,393
Tramway, Conveyor, and Slurry Pipeline.....	—	—	511	—	511
Unknown.....	—	—	—	—	2 9
<b>Wisconsin</b> .....	<b>25,857</b>	—	<b>1,509</b>	<b>162</b>	<b>27,528</b>
Railroad.....	25,071	—	1,169	33	26,274
River.....	32	—	4	129	165
Great Lakes.....	753	—	331	—	1,084
Truck.....	—	—	5	*	5
<b>Wyoming</b> .....	<b>20,016</b>	—	<b>2,024</b>	<b>138</b>	<b>22,178</b>
Railroad.....	7,350	—	1,323	93	8,766
Truck.....	1,244	—	701	45	1,989
Tramway, Conveyor, and Slurry Pipeline.....	11,423	—	—	—	11,423
<b>Unknown State</b> .....	—	—	—	—	<sup>1</sup> <b>6,741</b>
Unknown.....	—	—	—	—	<sup>1</sup> 6,741
<b>U.S. Total</b> .....	<b>904,970</b>	<b>26,321</b>	<b>79,317</b>	<b>4,112</b>	<sup>3</sup> <b>1,021,612</b>
Railroad.....	607,196	17,711	35,138	942	660,988
River.....	113,855	5,601	9,511	926	129,893
Great Lakes.....	8,819	1,522	1,968	—	12,309
Tidewater.....	8,499	—	107	—	8,606
Truck.....	84,243	453	22,993	2,244	109,932
Tramway, Conveyor, and Slurry Pipeline.....	82,358	1,035	9,599	—	92,992
Unknown.....	—	—	—	—	<sup>3</sup> 6,892

<sup>1</sup> Includes distribution to unknown consumers.

<sup>2</sup> Includes distribution to the transportation sector.

<sup>3</sup> Includes distribution to both the transportation sector and unknown consumers.

\* Quantity is less than 500 short tons or percent is less than .05.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: ALABAMA</b>					
<b>Alabama</b> .....	<b>11,761</b>	<b>266</b>	<b>2,334</b>	<b>53</b>	<b>14,414</b>
Railroad.....	5,621	94	339	—	6,054
River.....	4,912	—	—	—	4,912
Truck.....	1,228	172	1,995	53	3,448
<b>Illinois</b> .....	<b>1,426</b>	—	—	—	<b>1,426</b>
Railroad.....	534	—	—	—	534
River.....	578	—	—	—	578
Tidewater.....	314	—	—	—	314
<b>Kentucky Total</b> .....	<b>2,632</b>	<b>4</b>	<b>270</b>	—	<b>2,906</b>
Railroad.....	2,010	4	98	—	2,112
River.....	622	—	130	—	752
Truck.....	—	—	41	—	41
<b>Eastern</b> .....	<b>1,482</b>	<b>4</b>	<b>270</b>	—	<b>1,755</b>
Railroad.....	1,481	4	98	—	1,583
River.....	1	—	130	—	131
Truck.....	—	—	41	—	41
<b>Western</b> .....	<b>1,151</b>	—	—	—	<b>1,151</b>
Railroad.....	530	—	—	—	530
River.....	621	—	—	—	621
<b>Ohio</b> .....	*	—	—	—	*
River.....	*	—	—	—	*
<b>Pennsylvania Total</b> .....	<b>479</b>	<b>16</b>	*	—	<b>496</b>
Railroad.....	—	—	*	—	*
River.....	479	16	—	—	495
Truck.....	—	—	*	—	*
<b>Anthracite</b> .....	—	—	*	—	*
Railroad.....	—	—	*	—	*
Truck.....	—	—	*	—	*
<b>Bituminous</b> .....	<b>479</b>	<b>16</b>	—	—	<b>495</b>
River.....	479	16	—	—	495
<b>Tennessee</b> .....	—	—	<b>78</b>	—	<b>78</b>
Railroad.....	—	—	70	—	70
Truck.....	—	—	8	—	8
<b>Virginia</b> .....	<b>10</b>	<b>298</b>	<b>200</b>	—	<b>507</b>
Railroad.....	10	298	200	—	507
<b>West Virginia Total</b> .....	<b>217</b>	<b>1,116</b>	<b>171</b>	—	<b>1,504</b>
Railroad.....	39	1,021	47	—	1,107
River.....	178	—	2	—	180
Truck.....	—	96	121	—	217
<b>Northern</b> .....	<b>110</b>	—	<b>21</b>	—	<b>131</b>
Railroad.....	—	—	21	—	21
River.....	110	—	—	—	110
<b>Southern</b> .....	<b>107</b>	<b>1,116</b>	<b>150</b>	—	<b>1,373</b>
Railroad.....	39	1,021	26	—	1,086
River.....	68	—	2	—	71
Truck.....	—	96	121	—	217
<b>Wyoming</b> .....	<b>11,334</b>	—	—	—	<b>11,334</b>
Railroad.....	11,334	—	—	—	11,334
<b>State Total</b> .....	<b>27,860</b>	<b>1,700</b>	<b>3,052</b>	<b>53</b>	<b>32,665</b>
Railroad.....	19,549	1,416	753	—	21,718
River.....	6,770	16	133	—	6,918
Tidewater.....	314	—	—	—	314
Truck.....	1,228	268	2,166	53	3,715
<b>DESTINATION: ALASKA</b>					
<b>Alaska</b> .....	<b>324</b>	—	—	<b>523</b>	<b>847</b>
Railroad.....	154	—	—	462	616
Truck.....	170	—	—	61	231
<b>Pennsylvania Total</b> .....	—	—	*	—	*
Railroad.....	—	—	*	—	*
<b>Anthracite</b> .....	—	—	*	—	*
Railroad.....	—	—	*	—	*
<b>State Total</b> .....	<b>324</b>	—	*	<b>523</b>	<b>847</b>
Railroad.....	154	—	*	462	616
Truck.....	170	—	—	61	231

See footnotes at end of table.



**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: ARIZONA</b>					
<b>Arizona</b> .....	<b>8,275</b>	-	-	-	<b>8,275</b>
Railroad .....	8,275	-	-	-	8,275
<b>Colorado</b> .....	<b>926</b>	-	<b>150</b>	*	<b>1,076</b>
Railroad .....	926	-	150	-	1,076
Truck .....	-	-	-	*	*
<b>Kentucky Total</b> .....	<b>163</b>	-	-	-	<b>163</b>
River .....	163	-	-	-	163
<b>Eastern</b> .....	<b>163</b>	-	-	-	<b>163</b>
River .....	163	-	-	-	163
<b>Montana</b> .....	<b>198</b>	-	-	-	<b>198</b>
Railroad .....	198	-	-	-	198
<b>New Mexico</b> .....	<b>9,441</b>	-	<b>459</b>	-	<b>9,900</b>
Railroad .....	9,441	-	459	-	9,900
<b>Pennsylvania Total</b> .....	-	-	<b>1</b>	-	<b>1</b>
Railroad .....	-	-	1	-	1
<b>Anthracite</b> .....	-	-	<b>1</b>	-	<b>1</b>
Railroad .....	-	-	1	-	1
<b>Utah</b> .....	<b>25</b>	-	<b>4</b>	-	<b>28</b>
Railroad .....	25	-	-	-	25
Tramway, Conveyor, and Slurry Pipeline .....	-	-	4	-	4
<b>Wyoming</b> .....	<b>1,898</b>	-	-	-	<b>1,898</b>
Railroad .....	1,898	-	-	-	1,898
<b>State Total</b> .....	<b>20,925</b>	-	<b>613</b>	*	<b>21,538</b>
Railroad .....	20,762	-	610	-	21,371
River .....	163	-	-	-	163
Truck .....	-	-	-	*	*
Tramway, Conveyor, and Slurry Pipeline .....	-	-	4	-	4
<b>DESTINATION: ARKANSAS</b>					
<b>Alabama</b> .....	-	-	<b>192</b>	-	<b>192</b>
Railroad .....	-	-	176	-	176
Truck .....	-	-	17	-	17
<b>Colorado</b> .....	-	-	<b>121</b>	-	<b>121</b>
Railroad .....	-	-	121	-	121
<b>Oklahoma</b> .....	-	-	<b>43</b>	-	<b>43</b>
Truck .....	-	-	43	-	43
<b>Pennsylvania Total</b> .....	-	-	<b>2</b>	-	<b>2</b>
Railroad .....	-	-	*	-	*
Truck .....	-	-	2	-	2
<b>Anthracite</b> .....	-	-	<b>2</b>	-	<b>2</b>
Railroad .....	-	-	*	-	*
Truck .....	-	-	2	-	2
<b>Tennessee</b> .....	-	-	<b>41</b>	-	<b>41</b>
Railroad .....	-	-	41	-	41
<b>Wyoming</b> .....	<b>13,699</b>	-	-	-	<b>13,699</b>
Railroad .....	13,699	-	-	-	13,699
<b>State Total</b> .....	<b>13,699</b>	-	<b>400</b>	-	<b>14,099</b>
Railroad .....	13,699	-	338	-	14,037
Truck .....	-	-	62	-	62
<b>DESTINATION: CALIFORNIA</b>					
<b>Colorado</b> .....	<b>117</b>	-	<b>19</b>	-	<b>136</b>
Railroad .....	117	-	19	-	136
<b>New Mexico</b> .....	-	-	<b>63</b>	-	<b>63</b>
Railroad .....	-	-	63	-	63
<b>Pennsylvania Total</b> .....	-	-	*	-	*
Truck .....	-	-	*	-	*
<b>Anthracite</b> .....	-	-	*	-	*
Truck .....	-	-	*	-	*
<b>Utah</b> .....	<b>3,635</b>	-	<b>1,833</b>	<b>24</b>	<b>5,492</b>
Railroad .....	3,635	-	1,831	*	5,466
Truck .....	-	-	1	24	25

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: CALIFORNIA (Continued)</b>					
<b>State Total</b> .....	<b>3,752</b>	—	<b>1,915</b>	<b>24</b>	<b>5,691</b>
Railroad.....	3,752	—	1,913	*	5,665
Truck.....	—	—	2	24	25
<b>DESTINATION: COLORADO</b>					
<b>Colorado</b> .....	<b>12,348</b>	—	<b>1,040</b>	<b>74</b>	<b>13,462</b>
Railroad.....	9,224	—	836	66	10,127
Truck.....	3,123	—	204	8	3,335
<b>Pennsylvania Total</b> .....	<b>3</b>	—	<b>11</b>	<b>3</b>	<b>17</b>
Railroad.....	—	—	11	3	14
River.....	3	—	—	—	3
Truck.....	—	—	*	*	*
<b>Anthracite</b> .....	—	—	<b>11</b>	<b>3</b>	<b>14</b>
Railroad.....	—	—	11	3	14
Truck.....	—	—	*	*	*
<b>Bituminous</b> .....	<b>3</b>	—	—	—	<b>3</b>
River.....	3	—	—	—	3
<b>Utah</b> .....	—	—	—	<b>3</b>	<b>3</b>
Truck.....	—	—	—	3	3
<b>Wyoming</b> .....	<b>9,117</b>	—	<b>48</b>	—	<b>9,165</b>
Railroad.....	9,117	—	48	—	9,165
<b>State Total</b> .....	<b>21,468</b>	—	<b>1,099</b>	<b>80</b>	<b>22,646</b>
Railroad.....	18,341	—	895	69	19,306
River.....	3	—	—	—	3
Truck.....	3,123	—	204	11	3,338
<b>DESTINATION: CONNECTICUT</b>					
<b>Illinois</b> .....	—	—	*	—	*
Truck.....	—	—	*	—	*
<b>Kentucky Total</b> .....	<b>660</b>	—	—	—	<b>660</b>
Tidewater.....	660	—	—	—	660
<b>Eastern</b> .....	<b>660</b>	—	—	—	<b>660</b>
Tidewater.....	660	—	—	—	660
<b>Maryland</b> .....	<b>14</b>	—	—	—	<b>14</b>
Tidewater.....	14	—	—	—	14
<b>Pennsylvania Total</b> .....	<b>83</b>	—	—	<b>4</b>	<b>86</b>
Railroad.....	83	—	—	—	83
Truck.....	—	—	—	4	4
<b>Anthracite</b> .....	—	—	—	<b>4</b>	<b>4</b>
Truck.....	—	—	—	4	4
<b>Bituminous</b> .....	<b>83</b>	—	—	—	<b>83</b>
Railroad.....	83	—	—	—	83
<b>Virginia</b> .....	—	—	<b>4</b>	—	<b>4</b>
Railroad.....	—	—	4	—	4
<b>West Virginia Total</b> .....	<b>793</b>	—	—	*	<b>793</b>
Railroad.....	111	—	—	—	111
Tidewater.....	682	—	—	—	682
Truck.....	*	—	—	*	*
<b>Northern</b> .....	<b>783</b>	—	—	*	<b>783</b>
Railroad.....	101	—	—	—	101
Tidewater.....	682	—	—	—	682
Truck.....	*	—	—	*	*
<b>Southern</b> .....	<b>10</b>	—	—	—	<b>10</b>
Railroad.....	10	—	—	—	10
<b>Wyoming</b> .....	<b>10</b>	—	—	—	<b>10</b>
Railroad.....	10	—	—	—	10
<b>State Total</b> .....	<b>1,559</b>	—	<b>4</b>	<b>4</b>	<b>1,566</b>
Railroad.....	203	—	4	—	207
Tidewater.....	1,355	—	—	—	1,355
Truck.....	*	—	*	4	4

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: DELAWARE</b>					
<b>Kentucky Total</b> .....	<b>111</b>	—	<b>10</b>	—	<b>121</b>
Railroad.....	111	—	10	—	121
<b>Eastern</b> .....	<b>111</b>	—	<b>10</b>	—	<b>121</b>
Railroad.....	111	—	10	—	121
<b>Maryland</b> .....	<b>97</b>	—	—	—	<b>97</b>
Railroad.....	97	—	—	—	97
<b>Pennsylvania Total</b> .....	<b>374</b>	—	<b>113</b>	<b>1</b>	<b>488</b>
Railroad.....	374	—	112	—	487
Truck.....	—	—	*	1	1
<b>Anthracite</b> .....	—	—	*	<b>1</b>	<b>1</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	*	1	1
<b>Bituminous</b> .....	<b>374</b>	—	<b>113</b>	*	<b>487</b>
Railroad.....	374	—	112	—	487
Truck.....	—	—	*	*	*
<b>Virginia</b> .....	<b>193</b>	—	—	—	<b>193</b>
Railroad.....	193	—	—	—	193
<b>West Virginia Total</b> .....	<b>490</b>	—	<b>275</b>	—	<b>765</b>
Railroad.....	453	—	275	—	728
River.....	37	—	—	—	37
<b>Northern</b> .....	<b>247</b>	—	—	—	<b>247</b>
Railroad.....	247	—	—	—	247
<b>Southern</b> .....	<b>242</b>	—	<b>275</b>	—	<b>518</b>
Railroad.....	206	—	275	—	481
River.....	37	—	—	—	37
<b>State Total</b> .....	<b>1,265</b>	—	<b>398</b>	<b>1</b>	<b>1,664</b>
Railroad.....	1,229	—	398	—	1,627
River.....	37	—	—	—	37
Truck.....	—	—	*	1	1
<b>DESTINATION: DISTRICT OF COLUMBIA</b>					
<b>Kentucky Total</b> .....	—	—	—	<b>5</b>	<b>5</b>
Railroad.....	—	—	—	5	5
<b>Eastern</b> .....	—	—	—	<b>5</b>	<b>5</b>
Railroad.....	—	—	—	5	5
<b>West Virginia Total</b> .....	—	—	—	<b>2</b>	<b>2</b>
Railroad.....	—	—	—	2	2
<b>Southern</b> .....	—	—	—	<b>2</b>	<b>2</b>
Railroad.....	—	—	—	2	2
<b>State Total</b> .....	—	—	—	<b>7</b>	<b>7</b>
Railroad.....	—	—	—	7	7
<b>DESTINATION: FLORIDA</b>					
<b>Illinois</b> .....	<b>6,683</b>	—	—	—	<b>6,683</b>
River.....	6,683	—	—	—	6,683
<b>Kentucky Total</b> .....	<b>12,067</b>	—	<b>689</b>	<b>9</b>	<b>12,765</b>
Railroad.....	9,939	—	646	—	10,585
River.....	1,900	—	—	—	1,900
Tidewater.....	227	—	—	—	227
Truck.....	—	—	43	9	52
<b>Eastern</b> .....	<b>10,167</b>	—	<b>689</b>	<b>9</b>	<b>10,865</b>
Railroad.....	9,939	—	646	—	10,585
Tidewater.....	227	—	—	—	227
Truck.....	—	—	43	9	52
<b>Western</b> .....	<b>1,900</b>	—	—	—	<b>1,900</b>
River.....	1,900	—	—	—	1,900
<b>Ohio</b> .....	<b>134</b>	—	<b>3</b>	—	<b>137</b>
River.....	134	—	—	—	134
Truck.....	—	—	3	—	3
<b>Pennsylvania Total</b> .....	<b>650</b>	—	<b>12</b>	*	<b>663</b>
Railroad.....	480	—	*	—	481
River.....	170	—	—	—	170
Truck.....	—	—	12	*	12

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: FLORIDA (Continued)</b>					
<b>Anthracite</b> .....	-	-	*	*	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	*	*
<b>Bituminous</b> .....	<b>650</b>	-	<b>12</b>	-	<b>662</b>
Railroad.....	480	-	-	-	480
River.....	170	-	-	-	170
Truck.....	-	-	12	-	12
<b>Virginia</b> .....	<b>150</b>	-	<b>11</b>	-	<b>162</b>
Railroad.....	150	-	11	-	162
<b>West Virginia Total</b> .....	<b>3,694</b>	-	<b>211</b>	-	<b>3,905</b>
Railroad.....	1,469	-	54	-	1,523
River.....	70	-	157	-	227
Tidewater.....	2,155	-	-	-	2,155
<b>Northern</b> .....	<b>1,349</b>	-	-	-	<b>1,349</b>
Railroad.....	1,349	-	-	-	1,349
<b>Southern</b> .....	<b>2,345</b>	-	<b>211</b>	-	<b>2,556</b>
Railroad.....	120	-	54	-	174
River.....	70	-	157	-	227
Tidewater.....	2,155	-	-	-	2,155
<b>Wyoming</b> .....	<b>104</b>	-	-	-	<b>104</b>
Railroad.....	104	-	-	-	104
<b>State Total</b> .....	<b>23,483</b>	-	<b>926</b>	<b>9</b>	<b>24,418</b>
Railroad.....	12,143	-	711	-	12,854
River.....	8,958	-	157	-	9,114
Tidewater.....	2,382	-	-	-	2,382
Truck.....	-	-	58	9	67
<b>DESTINATION: GEORGIA</b>					
<b>Alabama</b> .....	<b>132</b>	-	-	-	<b>132</b>
Railroad.....	132	-	-	-	132
<b>Kentucky Total</b> .....	<b>16,117</b>	-	<b>1,155</b>	*	<b>17,272</b>
Railroad.....	16,117	-	989	*	17,106
River.....	-	-	25	-	25
Truck.....	-	-	142	-	142
<b>Eastern</b> .....	<b>16,117</b>	-	<b>1,155</b>	*	<b>17,272</b>
Railroad.....	16,117	-	989	*	17,106
River.....	-	-	25	-	25
Truck.....	-	-	142	-	142
<b>Pennsylvania Total</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Anthracite</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	*	-	*
<b>Tennessee</b> .....	<b>686</b>	-	<b>174</b>	-	<b>860</b>
Railroad.....	686	-	164	-	850
Truck.....	-	-	10	-	10
<b>Texas</b> .....	<b>25</b>	-	-	-	<b>25</b>
Railroad.....	25	-	-	-	25
<b>Virginia</b> .....	<b>4,781</b>	-	<b>426</b>	<b>8</b>	<b>5,216</b>
Railroad.....	4,781	-	426	8	5,216
<b>West Virginia Total</b> .....	<b>2,261</b>	-	<b>45</b>	-	<b>2,306</b>
Railroad.....	2,261	-	45	-	2,306
<b>Southern</b> .....	<b>2,261</b>	-	<b>45</b>	-	<b>2,306</b>
Railroad.....	2,261	-	45	-	2,306
<b>Wyoming</b> .....	<b>6,928</b>	-	-	-	<b>6,928</b>
Railroad.....	6,928	-	-	-	6,928
<b>State Total</b> .....	<b>30,930</b>	-	<b>1,801</b>	<b>9</b>	<b>32,739</b>
Railroad.....	30,930	-	1,624	9	32,563
River.....	-	-	25	-	25
Truck.....	-	-	151	-	151

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: HAWAII</b>					
<b>Pennsylvania Total</b> .....	-	-	*	-	*
Tidewater .....	-	-	*	-	*
<b>Anthracite</b> .....	-	-	*	-	*
Tidewater .....	-	-	*	-	*
<b>State Total</b> .....	-	-	*	-	*
Tidewater .....	-	-	*	-	*
<b>DESTINATION: IDAHO</b>					
<b>Utah</b> .....	-	-	218	15	233
Railroad .....	-	-	150	-	150
Truck .....	-	-	68	15	83
<b>Wyoming</b> .....	-	-	210	5	215
Railroad .....	-	-	184	-	184
Truck .....	-	-	26	5	31
<b>State Total</b> .....	-	-	429	20	448
Railroad .....	-	-	334	-	334
Truck .....	-	-	95	20	114
<b>DESTINATION: ILLINOIS</b>					
<b>Colorado</b> .....	1,505	-	442	-	1,947
Railroad .....	804	-	442	-	1,245
River .....	702	-	-	-	702
<b>Illinois</b> .....	7,692	-	2,860	170	10,722
Railroad .....	4,818	-	1,248	1	6,067
River .....	220	-	76	19	316
Truck .....	2,653	-	1,527	149	4,329
Tramway, Conveyor, and Slurry Pipeline .....	-	-	10	-	10
<b>Indiana</b> .....	60	-	10	*	70
Railroad .....	-	-	10	-	10
River .....	55	-	-	-	55
Truck .....	5	-	-	*	5
<b>Kentucky Total</b> .....	313	-	264	60	637
Railroad .....	154	-	40	-	194
River .....	83	-	213	60	356
Great Lakes .....	-	-	2	-	2
Truck .....	75	-	10	-	85
<b>Eastern</b> .....	171	-	235	60	466
Railroad .....	154	-	40	-	194
River .....	-	-	193	60	253
Great Lakes .....	-	-	2	-	2
Truck .....	17	-	*	-	17
<b>Western</b> .....	141	-	30	-	171
River .....	83	-	20	-	103
Truck .....	58	-	9	-	68
<b>Montana</b> .....	2,552	-	-	-	2,552
Railroad .....	2,552	-	-	-	2,552
<b>Ohio</b> .....	5	-	-	-	5
Truck .....	5	-	-	-	5
<b>Pennsylvania Total</b> .....	-	-	19	*	19
Railroad .....	-	-	3	-	3
River .....	-	-	15	-	15
Truck .....	-	-	*	*	*
<b>Anthracite</b> .....	-	-	3	*	3
Railroad .....	-	-	3	-	3
Truck .....	-	-	*	*	*
<b>Bituminous</b> .....	-	-	15	-	15
River .....	-	-	15	-	15
<b>Texas</b> .....	-	-	4	-	4
River .....	-	-	4	-	4
<b>Utah</b> .....	772	-	-	-	772
Railroad .....	772	-	-	-	772
<b>Virginia</b> .....	-	24	1	-	25
Railroad .....	-	24	-	-	24
River .....	-	-	1	-	1

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: ILLINOIS (Continued)</b>					
<b>West Virginia Total</b> .....	—	<b>1,444</b>	<b>696</b>	*	<b>2,141</b>
Railroad.....	—	1,215	287	—	1,502
River.....	—	128	335	*	463
Truck.....	—	102	75	—	177
<b>Southern</b> .....	—	<b>1,444</b>	<b>696</b>	*	<b>2,141</b>
Railroad.....	—	1,215	287	—	1,502
River.....	—	128	335	*	463
Truck.....	—	102	75	—	177
<b>Wyoming</b> .....	<b>28,527</b>	—	<b>40</b>	—	<b>28,567</b>
Railroad.....	27,025	—	40	—	27,066
River.....	1,501	—	—	—	1,501
<b>State Total</b> .....	<b>41,426</b>	<b>1,469</b>	<b>4,337</b>	<b>230</b>	<b>47,461</b>
Railroad.....	36,126	1,239	2,069	1	39,435
River.....	2,561	128	645	79	3,413
Great Lakes.....	—	—	2	—	2
Truck.....	2,739	102	1,612	150	4,602
Tramway, Conveyor, and Slurry Pipeline.....	—	—	10	—	10
<b>DESTINATION: INDIANA</b>					
<b>Alabama</b> .....	—	<b>540</b>	—	—	<b>540</b>
Railroad.....	—	540	—	—	540
<b>Colorado</b> .....	<b>35</b>	—	—	—	<b>35</b>
Railroad.....	23	—	—	—	23
River.....	12	—	—	—	12
<b>Illinois</b> .....	<b>4,005</b>	—	—	<b>2</b>	<b>4,006</b>
Railroad.....	2,894	—	—	—	2,894
River.....	736	—	—	2	737
Truck.....	375	—	—	—	375
<b>Indiana</b> .....	<b>23,927</b>	—	<b>2,463</b>	<b>270</b>	<b>26,660</b>
Railroad.....	15,408	—	277	*	15,685
River.....	13	—	1,167	—	1,180
Truck.....	7,758	—	1,019	270	9,047
Tramway, Conveyor, and Slurry Pipeline.....	748	—	—	—	748
<b>Kentucky Total</b> .....	<b>1,198</b>	<b>11</b>	<b>963</b>	<b>1</b>	<b>2,173</b>
Railroad.....	308	11	644	—	963
River.....	699	—	282	—	980
Truck.....	192	—	38	1	230
<b>Eastern</b> .....	<b>805</b>	<b>11</b>	<b>930</b>	<b>1</b>	<b>1,747</b>
Railroad.....	149	11	611	—	771
River.....	626	—	282	—	908
Truck.....	30	—	38	1	68
<b>Western</b> .....	<b>393</b>	—	<b>33</b>	—	<b>426</b>
Railroad.....	159	—	33	—	192
River.....	73	—	—	—	73
Truck.....	161	—	—	—	161
<b>Montana</b> .....	<b>1,011</b>	—	—	—	<b>1,011</b>
Railroad.....	1,011	—	—	—	1,011
<b>Ohio</b> .....	<b>95</b>	—	<b>55</b>	—	<b>150</b>
Railroad.....	2	—	—	—	2
River.....	59	—	—	—	59
Truck.....	34	—	55	—	89
<b>Pennsylvania Total</b> .....	<b>67</b>	—	<b>12</b>	<b>3</b>	<b>82</b>
Railroad.....	—	—	*	—	*
River.....	67	—	—	—	67
Truck.....	—	—	12	3	15
<b>Anthracite</b> .....	—	—	<b>12</b>	<b>3</b>	<b>15</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	12	3	15
<b>Bituminous</b> .....	<b>67</b>	—	—	—	<b>67</b>
River.....	67	—	—	—	67
<b>Utah</b> .....	<b>20</b>	—	—	—	<b>20</b>
Railroad.....	20	—	—	—	20
<b>Virginia</b> .....	<b>813</b>	<b>811</b>	<b>927</b>	—	<b>2,551</b>
Railroad.....	24	811	675	—	1,511
River.....	789	—	252	—	1,040

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: INDIANA (Continued)</b>					
<b>West Virginia Total</b> .....	<b>1,892</b>	<b>6,244</b>	<b>184</b>	—	<b>8,320</b>
Railroad.....	951	5,603	142	—	6,696
River.....	940	641	43	—	1,624
<b>Northern</b> .....	<b>1,491</b>	—	—	—	<b>1,491</b>
Railroad.....	839	—	—	—	839
River.....	652	—	—	—	652
<b>Southern</b> .....	<b>401</b>	<b>6,244</b>	<b>184</b>	—	<b>6,829</b>
Railroad.....	112	5,603	142	—	5,857
River.....	289	641	43	—	972
<b>Wyoming</b> .....	<b>15,732</b>	—	<b>206</b>	—	<b>15,938</b>
Railroad.....	8,123	—	—	—	8,123
River.....	7,609	—	206	—	7,815
<b>State Total</b> .....	<b>48,795</b>	<b>7,606</b>	<b>4,811</b>	<b>275</b>	<b>61,487</b>
Railroad.....	28,765	6,966	1,738	*	37,469
River.....	10,923	641	1,950	2	13,514
Truck.....	8,359	—	1,124	274	9,756
Tramway, Conveyor, and Slurry Pipeline.....	748	—	—	—	748
<b>DESTINATION: IOWA</b>					
<b>Colorado</b> .....	<b>393</b>	—	—	—	<b>393</b>
Railroad.....	393	—	—	—	393
<b>Illinois</b> .....	<b>303</b>	—	<b>678</b>	<b>83</b>	<b>1,064</b>
Railroad.....	21	—	254	—	276
River.....	282	—	215	83	580
Truck.....	—	—	208	*	208
<b>Indiana</b> .....	—	—	<b>10</b>	—	<b>10</b>
Railroad.....	—	—	10	—	10
<b>Kentucky Total</b> .....	<b>16</b>	—	<b>26</b>	<b>136</b>	<b>177</b>
River.....	16	—	26	136	177
<b>Eastern</b> .....	—	—	<b>18</b>	<b>13</b>	<b>30</b>
River.....	—	—	18	13	30
<b>Western</b> .....	<b>16</b>	—	<b>8</b>	<b>123</b>	<b>147</b>
River.....	16	—	8	123	147
<b>Pennsylvania Total</b> .....	—	—	<b>164</b>	<b>*</b>	<b>164</b>
Railroad.....	—	—	16	—	16
River.....	—	—	148	*	148
<b>Anthracite</b> .....	—	—	<b>16</b>	—	<b>16</b>
Railroad.....	—	—	16	—	16
<b>Bituminous</b> .....	—	—	<b>148</b>	<b>*</b>	<b>148</b>
River.....	—	—	148	*	148
<b>West Virginia Total</b> .....	—	—	<b>78</b>	<b>42</b>	<b>120</b>
Railroad.....	—	—	21	—	21
River.....	—	—	58	42	100
<b>Southern</b> .....	—	—	<b>78</b>	<b>42</b>	<b>120</b>
Railroad.....	—	—	21	—	21
River.....	—	—	58	42	100
<b>Wyoming</b> .....	<b>18,296</b>	—	<b>877</b>	—	<b>19,173</b>
Railroad.....	18,296	—	877	—	19,173
<b>State Total</b> .....	<b>19,007</b>	—	<b>1,834</b>	<b>261</b>	<b>21,102</b>
Railroad.....	18,710	—	1,179	—	19,889
River.....	297	—	446	261	1,005
Truck.....	—	—	208	*	208
<b>DESTINATION: KANSAS</b>					
<b>Colorado</b> .....	<b>708</b>	—	<b>11</b>	—	<b>719</b>
Railroad.....	708	—	11	—	719
<b>Kansas</b> .....	<b>201</b>	—	—	—	<b>201</b>
Truck.....	201	—	—	—	201
<b>Missouri</b> .....	<b>188</b>	—	—	—	<b>188</b>
Truck.....	188	—	—	—	188
<b>Montana</b> .....	<b>1,464</b>	—	—	—	<b>1,464</b>
Railroad.....	1,464	—	—	—	1,464

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: KANSAS (Continued)</b>					
New Mexico .....	-	-	15	-	15
Railroad .....	-	-	15	-	15
<b>Oklahoma</b> .....	<b>13</b>	-	<b>109</b>	<b>11</b>	<b>133</b>
Truck .....	13	-	109	11	133
<b>Pennsylvania Total</b> .....	-	-	<b>1</b>	-	<b>1</b>
Railroad .....	-	-	1	-	1
<b>Anthracite</b> .....	-	-	<b>1</b>	-	<b>1</b>
Railroad .....	-	-	1	-	1
<b>Wyoming</b> .....	<b>13,600</b>	-	-	-	<b>13,600</b>
Railroad .....	13,600	-	-	-	13,600
<b>State Total</b> .....	<b>16,173</b>	-	<b>136</b>	<b>11</b>	<b>16,320</b>
Railroad .....	15,771	-	26	-	15,798
Truck .....	401	-	109	11	522
<b>DESTINATION: KENTUCKY</b>					
<b>Colorado</b> .....	<b>2,464</b>	-	-	-	<b>2,464</b>
Railroad .....	2,464	-	-	-	2,464
<b>Illinois</b> .....	<b>145</b>	-	-	-	<b>145</b>
Railroad .....	143	-	-	-	143
Truck .....	2	-	-	-	2
<b>Indiana</b> .....	<b>1,190</b>	-	-	-	<b>1,190</b>
Railroad .....	981	-	-	-	981
Truck .....	209	-	-	-	209
<b>Kentucky Total</b> .....	<b>20,379</b>	<b>434</b>	<b>5,021</b>	<b>170</b>	<b>26,024</b>
Railroad .....	5,823	432	371	-	6,627
River .....	5,302	-	2,450	-	7,752
Truck .....	9,253	2	2,200	170	11,625
Unknown .....	-	-	-	-	1 20
<b>Eastern</b> .....	<b>5,180</b>	<b>434</b>	<b>4,898</b>	<b>169</b>	<b>10,701</b>
Railroad .....	2,884	432	371	-	3,688
River .....	585	-	2,397	-	2,982
Truck .....	1,711	2	2,130	169	4,012
Unknown .....	-	-	-	-	1 20
<b>Western</b> .....	<b>15,199</b>	-	<b>123</b>	<b>2</b>	<b>15,323</b>
Railroad .....	2,939	-	-	-	2,939
River .....	4,717	-	54	-	4,771
Truck .....	7,542	-	69	2	7,613
<b>Ohio</b> .....	<b>74</b>	-	*	-	<b>74</b>
River .....	74	-	*	-	74
<b>Pennsylvania Total</b> .....	<b>1,899</b>	-	<b>92</b>	<b>*</b>	<b>1,991</b>
Railroad .....	60	-	2	-	61
River .....	1,840	-	56	-	1,895
Truck .....	-	-	34	*	34
<b>Anthracite</b> .....	-	-	<b>36</b>	<b>*</b>	<b>36</b>
Railroad .....	-	-	2	-	2
Truck .....	-	-	34	*	34
<b>Bituminous</b> .....	<b>1,899</b>	-	<b>56</b>	-	<b>1,955</b>
Railroad .....	60	-	-	-	60
River .....	1,840	-	56	-	1,895
<b>Tennessee</b> .....	<b>105</b>	<b>*</b>	<b>2</b>	<b>7</b>	<b>114</b>
Truck .....	105	*	2	7	114
<b>Virginia</b> .....	<b>53</b>	-	-	<b>*</b>	<b>53</b>
Railroad .....	11	-	-	-	11
River .....	42	-	-	-	42
Truck .....	-	-	-	*	*
<b>West Virginia Total</b> .....	<b>6,983</b>	<b>752</b>	<b>1,639</b>	<b>12</b>	<b>9,386</b>
Railroad .....	902	751	125	-	1,778
River .....	5,980	-	506	12	6,498
Truck .....	102	*	1,008	-	1,110
<b>Northern</b> .....	<b>2,578</b>	<b>509</b>	-	-	<b>3,087</b>
Railroad .....	-	509	-	-	509
River .....	2,578	-	-	-	2,578
<b>Southern</b> .....	<b>4,405</b>	<b>243</b>	<b>1,639</b>	<b>12</b>	<b>6,299</b>
Railroad .....	902	243	125	-	1,270
River .....	3,402	-	506	12	3,920
Truck .....	102	*	1,008	-	1,110

See footnotes at end of table.



**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: KENTUCKY (Continued)</b>					
<b>Wyoming</b> .....	<b>1,618</b>	-	-	-	<b>1,618</b>
Railroad.....	895	-	-	-	895
River.....	723	-	-	-	723
<b>State Total</b> .....	<b>34,910</b>	<b>1,186</b>	<b>6,753</b>	<b>190</b>	<sup>1</sup> <b>43,059</b>
Railroad.....	11,279	1,184	498	-	12,960
River.....	13,960	-	3,012	12	16,985
Truck.....	9,671	2	3,244	178	13,094
Unknown.....	-	-	-	-	<sup>1</sup> 20
<b>DESTINATION: LOUISIANA</b>					
<b>Illinois</b> .....	<b>1,479</b>	-	-	-	<b>1,479</b>
River.....	1,479	-	-	-	1,479
<b>Kentucky Total</b> .....	-	-	<b>31</b>	-	<b>31</b>
River.....	-	-	31	-	31
<b>Eastern</b> .....	-	-	<b>31</b>	-	<b>31</b>
River.....	-	-	31	-	31
<b>Louisiana</b> .....	<b>3,696</b>	-	-	-	<b>3,696</b>
Truck.....	770	-	-	-	770
Tramway, Conveyor, and Slurry Pipeline.....	2,926	-	-	-	2,926
<b>Pennsylvania Total</b> .....	<b>13</b>	-	*	*	<b>13</b>
Railroad.....	-	-	*	-	*
River.....	13	-	-	-	13
Truck.....	-	-	-	*	*
<b>Anthracite</b> .....	-	-	*	*	*
Railroad.....	-	-	*	-	*
Truck.....	-	-	-	*	*
<b>Bituminous</b> .....	<b>13</b>	-	-	-	<b>13</b>
River.....	13	-	-	-	13
<b>West Virginia Total</b> .....	<b>130</b>	-	-	-	<b>130</b>
River.....	130	-	-	-	130
<b>Northern</b> .....	<b>90</b>	-	-	-	<b>90</b>
River.....	90	-	-	-	90
<b>Southern</b> .....	<b>40</b>	-	-	-	<b>40</b>
River.....	40	-	-	-	40
<b>Wyoming</b> .....	<b>11,058</b>	-	-	-	<b>11,058</b>
Railroad.....	11,058	-	-	-	11,058
<b>State Total</b> .....	<b>16,377</b>	-	<b>31</b>	*	<b>16,408</b>
Railroad.....	11,058	-	*	-	11,058
River.....	1,623	-	31	-	1,654
Truck.....	770	-	-	*	770
Tramway, Conveyor, and Slurry Pipeline.....	2,926	-	-	-	2,926
<b>DESTINATION: MAINE</b>					
<b>Kentucky Total</b> .....	-	-	<b>150</b>	-	<b>150</b>
Railroad.....	-	-	58	-	58
Tidewater.....	-	-	92	-	92
<b>Eastern</b> .....	-	-	<b>150</b>	-	<b>150</b>
Railroad.....	-	-	58	-	58
Tidewater.....	-	-	92	-	92
<b>Pennsylvania Total</b> .....	-	-	<b>27</b>	<b>3</b>	<b>30</b>
Railroad.....	-	-	*	*	*
Truck.....	-	-	27	3	30
<b>Anthracite</b> .....	-	-	*	<b>3</b>	<b>3</b>
Railroad.....	-	-	*	*	*
Truck.....	-	-	-	3	3
<b>Bituminous</b> .....	-	-	<b>27</b>	-	<b>27</b>
Truck.....	-	-	27	-	27
<b>State Total</b> .....	-	-	<b>177</b>	<b>3</b>	<b>180</b>
Railroad.....	-	-	58	*	58
Tidewater.....	-	-	92	-	92
Truck.....	-	-	27	3	30

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: MARYLAND</b>					
<b>Kentucky Total</b> .....	<b>818</b>	—	<b>34</b>	<b>1</b>	<b>853</b>
Railroad .....	699	—	—	1	700
River .....	119	—	34	—	153
<b>Eastern</b> .....	<b>818</b>	—	<b>34</b>	<b>1</b>	<b>853</b>
Railroad .....	699	—	—	1	700
River .....	119	—	34	—	153
<b>Western</b> .....	<b>*</b>	—	—	—	<b>*</b>
Railroad .....	*	—	—	—	*
<b>Maryland</b> .....	<b>1,089</b>	—	<b>248</b>	<b>4</b>	<b>1,340</b>
Railroad .....	224	—	—	—	224
Truck .....	865	—	248	4	1,116
<b>Pennsylvania Total</b> .....	<b>2,719</b>	—	<b>250</b>	<b>38</b>	<b>3,007</b>
Railroad .....	2,498	—	109	*	2,608
Truck .....	221	—	140	38	399
<b>Anthracite</b> .....	—	—	<b>109</b>	<b>2</b>	<b>112</b>
Railroad .....	—	—	109	*	109
Truck .....	—	—	—	2	2
<b>Bituminous</b> .....	<b>2,719</b>	—	<b>140</b>	<b>36</b>	<b>2,895</b>
Railroad .....	2,498	—	—	—	2,498
Truck .....	221	—	140	36	397
<b>Utah</b> .....	<b>13</b>	—	—	—	<b>13</b>
Railroad .....	13	—	—	—	13
<b>Virginia</b> .....	<b>24</b>	—	—	<b>*</b>	<b>24</b>
Railroad .....	24	—	—	—	24
Truck .....	—	—	—	*	*
<b>West Virginia Total</b> .....	<b>7,187</b>	—	<b>272</b>	<b>41</b>	<b>7,500</b>
Railroad .....	5,926	—	197	—	6,123
River .....	—	—	9	—	9
Tidewater .....	1,243	—	—	—	1,243
Truck .....	18	—	66	41	124
<b>Northern</b> .....	<b>3,398</b>	—	<b>224</b>	<b>41</b>	<b>3,663</b>
Railroad .....	2,645	—	158	—	2,804
Tidewater .....	735	—	—	—	735
Truck .....	18	—	66	41	124
<b>Southern</b> .....	<b>3,789</b>	—	<b>48</b>	—	<b>3,837</b>
Railroad .....	3,281	—	39	—	3,320
River .....	—	—	9	—	9
Tidewater .....	509	—	—	—	509
<b>State Total</b> .....	<b>11,849</b>	—	<b>804</b>	<b>84</b>	<b>12,737</b>
Railroad .....	9,383	—	307	1	9,691
River .....	119	—	43	—	162
Tidewater .....	1,243	—	—	—	1,243
Truck .....	1,103	—	454	83	1,640
<b>DESTINATION: MASSACHUSETTS</b>					
<b>Kentucky Total</b> .....	<b>319</b>	—	<b>53</b>	—	<b>371</b>
Railroad .....	319	—	53	—	371
<b>Eastern</b> .....	<b>319</b>	—	<b>53</b>	—	<b>371</b>
Railroad .....	319	—	53	—	371
<b>Pennsylvania Total</b> .....	<b>139</b>	—	<b>29</b>	<b>9</b>	<b>177</b>
Railroad .....	125	—	—	*	125
Tidewater .....	14	—	—	—	14
Truck .....	—	—	29	9	38
<b>Anthracite</b> .....	—	—	—	<b>9</b>	<b>9</b>
Railroad .....	—	—	—	*	*
Truck .....	—	—	—	9	9
<b>Bituminous</b> .....	<b>139</b>	—	<b>29</b>	<b>*</b>	<b>168</b>
Railroad .....	125	—	—	—	125
Tidewater .....	14	—	—	—	14
Truck .....	—	—	29	*	29
<b>Virginia</b> .....	—	—	<b>7</b>	<b>7</b>	<b>14</b>
Railroad .....	—	—	7	7	14
<b>West Virginia Total</b> .....	<b>290</b>	—	<b>87</b>	<b>*</b>	<b>377</b>
Railroad .....	—	—	85	—	85
Tidewater .....	290	—	—	—	290
Truck .....	—	—	2	*	2

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: MASSACHUSETTS (Continued)</b>					
<b>Southern</b> .....	<b>290</b>	—	<b>87</b>	*	<b>377</b>
Railroad .....	—	—	85	—	85
Tidewater .....	290	—	—	—	290
Truck .....	—	—	2	*	2
<b>State Total</b> .....	<b>748</b>	—	<b>175</b>	<b>16</b>	<b>940</b>
Railroad .....	443	—	145	7	596
Tidewater .....	304	—	—	—	304
Truck .....	—	—	30	9	40
<b>DESTINATION: MICHIGAN</b>					
<b>Kentucky Total</b> .....	<b>4,742</b>	—	<b>1,073</b>	<b>8</b>	<b>5,823</b>
Railroad .....	4,092	—	609	8	4,709
River .....	112	—	14	—	126
Great Lakes .....	463	—	438	—	901
Truck .....	75	—	12	*	87
<b>Eastern</b> .....	<b>4,742</b>	—	<b>1,073</b>	<b>8</b>	<b>5,823</b>
Railroad .....	4,092	—	609	8	4,709
River .....	112	—	14	—	126
Great Lakes .....	463	—	438	—	901
Truck .....	75	—	12	*	87
<b>Montana</b> .....	<b>9,123</b>	—	<b>116</b>	—	<b>9,239</b>
Railroad .....	2,855	—	*	—	2,855
Great Lakes .....	6,268	—	116	—	6,384
<b>Ohio</b> .....	<b>217</b>	—	<b>35</b>	<b>4</b>	<b>256</b>
Truck .....	217	—	35	4	256
<b>Pennsylvania Total</b> .....	<b>2,951</b>	<b>62</b>	<b>306</b>	<b>1</b>	<b>3,319</b>
Railroad .....	2,418	—	118	—	2,535
River .....	533	—	—	—	533
Great Lakes .....	—	62	188	—	250
Truck .....	—	—	*	1	1
<b>Anthracite</b> .....	—	—	<b>1</b>	<b>1</b>	<b>1</b>
Railroad .....	—	—	*	—	*
Truck .....	—	—	*	1	1
<b>Bituminous</b> .....	<b>2,951</b>	<b>62</b>	<b>306</b>	—	<b>3,318</b>
Railroad .....	2,418	—	117	—	2,535
River .....	533	—	—	—	533
Great Lakes .....	—	62	188	—	250
<b>Virginia</b> .....	<b>58</b>	—	<b>*</b>	<b>2</b>	<b>60</b>
Railroad .....	45	—	—	2	46
River .....	13	—	—	—	13
Truck .....	—	—	*	*	*
<b>West Virginia Total</b> .....	<b>4,051</b>	<b>1,467</b>	<b>459</b>	—	<b>5,977</b>
Railroad .....	3,243	7	305	—	3,555
River .....	222	—	—	—	222
Great Lakes .....	571	1,460	154	—	2,185
Truck .....	15	—	—	—	15
<b>Northern</b> .....	<b>419</b>	—	<b>7</b>	—	<b>427</b>
Railroad .....	419	—	—	—	419
Great Lakes .....	—	—	7	—	7
<b>Southern</b> .....	<b>3,631</b>	<b>1,467</b>	<b>452</b>	—	<b>5,550</b>
Railroad .....	2,824	7	305	—	3,136
River .....	222	—	—	—	222
Great Lakes .....	571	1,460	147	—	2,178
Truck .....	15	—	—	—	15
<b>Wyoming</b> .....	<b>9,809</b>	—	—	—	<b>9,809</b>
Railroad .....	9,718	—	—	—	9,718
Great Lakes .....	91	—	—	—	91
<b>State Total</b> .....	<b>30,952</b>	<b>1,529</b>	<b>1,989</b>	<b>14</b>	<b>34,483</b>
Railroad .....	22,370	7	1,032	9	23,419
River .....	880	—	14	—	894
Great Lakes .....	7,394	1,522	896	—	9,811
Truck .....	308	—	47	5	359

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: MINNESOTA</b>					
<b>Illinois</b> .....	<b>101</b>	-	-	-	<b>101</b>
River .....	101	-	-	-	101
<b>Indiana</b> .....	<b>62</b>	-	-	-	<b>62</b>
Railroad .....	62	-	-	-	62
<b>Kentucky Total</b> .....	<b>76</b>	-	<b>172</b>	*	<b>248</b>
Railroad .....	4	-	4	-	8
River .....	72	-	91	*	163
Great Lakes .....	-	-	77	-	77
Truck .....	-	-	-	*	*
<b>Eastern</b> .....	<b>61</b>	-	<b>172</b>	*	<b>233</b>
Railroad .....	4	-	4	-	8
River .....	57	-	91	*	148
Great Lakes .....	-	-	77	-	77
Truck .....	-	-	-	*	*
<b>Western</b> .....	<b>15</b>	-	-	-	<b>15</b>
River .....	15	-	-	-	15
<b>Montana</b> .....	<b>10,750</b>	-	<b>22</b>	-	<b>10,771</b>
Railroad .....	10,750	-	22	-	10,771
<b>Pennsylvania Total</b> .....	-	-	*	*	*
Railroad .....	-	-	*	-	*
Truck .....	-	-	*	*	*
<b>Anthracite</b> .....	-	-	*	*	*
Railroad .....	-	-	*	-	*
Truck .....	-	-	*	*	*
<b>Bituminous</b> .....	-	-	-	*	*
Truck .....	-	-	-	*	*
<b>West Virginia Total</b> .....	-	-	<b>42</b>	-	<b>42</b>
River .....	-	-	42	-	42
<b>Southern</b> .....	-	-	<b>42</b>	-	<b>42</b>
River .....	-	-	42	-	42
<b>Wyoming</b> .....	<b>10,192</b>	-	<b>682</b>	<b>5</b>	<b>10,879</b>
Railroad .....	9,670	-	185	5	9,859
Great Lakes .....	522	-	497	-	1,019
<b>State Total</b> .....	<b>21,180</b>	-	<b>918</b>	<b>5</b>	<b>22,104</b>
Railroad .....	20,485	-	210	5	20,700
River .....	173	-	133	*	307
Great Lakes .....	522	-	574	-	1,096
Truck .....	-	-	*	*	*
<b>DESTINATION: MISSISSIPPI</b>					
<b>Colorado</b> .....	<b>544</b>	-	<b>10</b>	-	<b>554</b>
Railroad .....	544	-	10	-	554
<b>Illinois</b> .....	<b>1,357</b>	-	<b>106</b>	-	<b>1,463</b>
River .....	147	-	106	-	253
Tidewater .....	1,210	-	-	-	1,210
<b>Kentucky Total</b> .....	<b>795</b>	-	-	-	<b>795</b>
Railroad .....	795	-	-	-	795
<b>Eastern</b> .....	<b>795</b>	-	-	-	<b>795</b>
Railroad .....	795	-	-	-	795
<b>Mississippi</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tramway, Conveyor, and Slurry Pipeline .....	11	-	-	-	11
<b>Montana</b> .....	<b>151</b>	-	-	-	<b>151</b>
Railroad .....	151	-	-	-	151
<b>Ohio</b> .....	-	-	*	-	*
River .....	-	-	*	-	*
<b>Pennsylvania Total</b> .....	-	-	*	-	*
Railroad .....	-	-	*	-	*
<b>Anthracite</b> .....	-	-	*	-	*
Railroad .....	-	-	*	-	*
<b>West Virginia Total</b> .....	-	-	<b>40</b>	-	<b>40</b>
Railroad .....	-	-	37	-	37
River .....	-	-	3	-	3
<b>Northern</b> .....	-	-	<b>3</b>	-	<b>3</b>
River .....	-	-	3	-	3

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: MISSISSIPPI (Continued)</b>					
<b>Southern</b> .....	—	—	<b>37</b>	—	<b>37</b>
Railroad .....	—	—	37	—	37
<b>Wyoming</b> .....	<b>306</b>	—	—	—	<b>306</b>
Railroad .....	306	—	—	—	306
<b>State Total</b> .....	<b>3,163</b>	—	<b>156</b>	—	<b>3,319</b>
Railroad .....	1,795	—	47	—	1,842
River .....	147	—	109	—	256
Tidewater .....	1,210	—	—	—	1,210
Tramway, Conveyor, and Slurry Pipeline .....	11	—	—	—	11
<b>DESTINATION: MISSOURI</b>					
<b>Arkansas</b> .....	—	—	<b>9</b>	—	<b>9</b>
Truck .....	—	—	9	—	9
<b>Colorado</b> .....	<b>1,363</b>	—	<b>216</b>	—	<b>1,579</b>
Railroad .....	689	—	—	—	689
River .....	674	—	216	—	890
<b>Illinois</b> .....	<b>1,214</b>	—	<b>369</b>	<b>152</b>	<b>1,735</b>
Railroad .....	580	—	—	—	580
River .....	478	—	—	—	478
Truck .....	155	—	369	152	677
<b>Indiana</b> .....	<b>7</b>	—	—	—	<b>7</b>
Railroad .....	7	—	—	—	7
<b>Kentucky Total</b> .....	<b>10</b>	—	<b>43</b>	<b>9</b>	<b>62</b>
Railroad .....	2	—	—	—	2
River .....	8	—	43	9	60
<b>Eastern</b> .....	<b>10</b>	—	<b>43</b>	<b>9</b>	<b>62</b>
Railroad .....	2	—	—	—	2
River .....	8	—	43	9	60
<b>Missouri</b> .....	<b>220</b>	—	<b>28</b>	*	<b>249</b>
Truck .....	220	—	28	*	249
<b>Oklahoma</b> .....	—	—	<b>1</b>	—	<b>1</b>
Truck .....	—	—	1	—	1
<b>Pennsylvania Total</b> .....	—	—	*	<b>2</b>	<b>2</b>
Railroad .....	—	—	*	—	*
Truck .....	—	—	—	2	2
<b>Anthracite</b> .....	—	—	*	<b>2</b>	<b>2</b>
Railroad .....	—	—	*	—	*
Truck .....	—	—	—	2	2
<b>Utah</b> .....	<b>327</b>	—	—	—	<b>327</b>
Railroad .....	327	—	—	—	327
<b>West Virginia Total</b> .....	<b>5</b>	—	<b>69</b>	<b>13</b>	<b>87</b>
River .....	5	—	69	13	87
<b>Southern</b> .....	<b>5</b>	—	<b>69</b>	<b>13</b>	<b>87</b>
River .....	5	—	69	13	87
<b>Wyoming</b> .....	<b>32,300</b>	—	—	—	<b>32,300</b>
Railroad .....	32,300	—	—	—	32,300
<b>State Total</b> .....	<b>35,447</b>	—	<b>735</b>	<b>176</b>	<b>36,358</b>
Railroad .....	33,905	—	*	—	33,905
River .....	1,166	—	328	22	1,516
Truck .....	376	—	407	154	937
<b>DESTINATION: MONTANA</b>					
<b>Montana</b> .....	<b>9,216</b>	—	<b>505</b>	<b>2</b>	<b>9,723</b>
Railroad .....	137	—	—	—	137
Truck .....	347	—	64	2	413
Tramway, Conveyor, and Slurry Pipeline .....	8,731	—	441	—	9,173
<b>North Dakota</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad .....	—	—	1	—	1
<b>Pennsylvania Total</b> .....	—	—	<b>2</b>	—	<b>2</b>
Railroad .....	—	—	2	—	2
<b>Anthracite</b> .....	—	—	<b>2</b>	—	<b>2</b>
Railroad .....	—	—	2	—	2

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: MONTANA (Continued)</b>					
<b>Wyoming</b> .....	<b>660</b>	—	<b>68</b>	*	<b>729</b>
Railroad.....	660	—	68	—	729
Truck.....	—	—	—	*	*
<b>State Total</b> .....	<b>9,876</b>	—	<b>576</b>	<b>3</b>	<b>10,455</b>
Railroad.....	798	—	71	—	869
Truck.....	347	—	64	3	414
Tramway, Conveyor, and Slurry Pipeline.....	8,731	—	441	—	9,173
<b>DESTINATION: NEBRASKA</b>					
<b>Colorado</b> .....	<b>6</b>	—	<b>120</b>	—	<b>126</b>
Railroad.....	6	—	120	—	126
<b>Kentucky Total</b> .....	*	—	—	—	*
Railroad.....	*	—	—	—	*
<b>Eastern</b> .....	*	—	—	—	*
Railroad.....	*	—	—	—	*
<b>Pennsylvania Total</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad.....	—	—	1	—	1
<b>Anthracite</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad.....	—	—	1	—	1
<b>Utah</b> .....	<b>21</b>	—	—	—	<b>21</b>
Truck.....	21	—	—	—	21
<b>Wyoming</b> .....	<b>10,832</b>	—	<b>209</b>	—	<b>11,041</b>
Railroad.....	10,832	—	209	—	11,041
<b>State Total</b> .....	<b>10,859</b>	—	<b>330</b>	—	<b>11,189</b>
Railroad.....	10,838	—	330	—	11,168
Truck.....	21	—	—	—	21
<b>DESTINATION: NEVADA</b>					
<b>Arizona</b> .....	<b>4,711</b>	—	—	—	<b>4,711</b>
Tramway, Conveyor, and Slurry Pipeline.....	4,711	—	—	—	4,711
<b>Utah</b> .....	<b>3,142</b>	—	<b>341</b>	*	<b>3,483</b>
Railroad.....	3,142	—	321	—	3,463
Truck.....	—	—	20	*	20
<b>State Total</b> .....	<b>7,853</b>	—	<b>341</b>	*	<b>8,195</b>
Railroad.....	3,142	—	321	—	3,463
Truck.....	—	—	20	*	20
Tramway, Conveyor, and Slurry Pipeline.....	4,711	—	—	—	4,711
<b>DESTINATION: NEW HAMPSHIRE</b>					
<b>Kentucky Total</b> .....	<b>11</b>	—	—	—	<b>11</b>
Tidewater.....	11	—	—	—	11
<b>Eastern</b> .....	<b>11</b>	—	—	—	<b>11</b>
Tidewater.....	11	—	—	—	11
<b>Pennsylvania Total</b> .....	<b>680</b>	—	*	<b>4</b>	<b>684</b>
Railroad.....	680	—	—	*	680
Truck.....	—	—	*	<b>4</b>	<b>4</b>
<b>Anthracite</b> .....	—	—	—	<b>4</b>	<b>4</b>
Railroad.....	—	—	—	*	*
Truck.....	—	—	—	<b>4</b>	<b>4</b>
<b>Bituminous</b> .....	<b>680</b>	—	*	*	<b>680</b>
Railroad.....	680	—	—	—	680
Truck.....	—	—	*	*	*
<b>West Virginia Total</b> .....	<b>85</b>	—	—	—	<b>85</b>
Railroad.....	85	—	—	—	85
<b>Northern</b> .....	<b>80</b>	—	—	—	<b>80</b>
Railroad.....	80	—	—	—	80
<b>Southern</b> .....	<b>5</b>	—	—	—	<b>5</b>
Railroad.....	5	—	—	—	5
<b>Wyoming</b> .....	<b>17</b>	—	—	—	<b>17</b>
Railroad.....	17	—	—	—	17

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: NEW HAMPSHIRE (Continued)</b>					
<b>State Total</b> .....	<b>794</b>	—	*	<b>4</b>	<b>798</b>
Railroad.....	783	—	—	*	783
Tidewater.....	11	—	—	—	11
Truck.....	—	—	*	4	4
<b>DESTINATION: NEW JERSEY</b>					
<b>Kentucky Total</b> .....	<b>225</b>	—	<b>1</b>	—	<b>226</b>
Railroad.....	225	—	1	—	226
Truck.....	—	—	*	—	*
<b>Eastern</b> .....	<b>225</b>	—	<b>1</b>	—	<b>226</b>
Railroad.....	225	—	1	—	226
<b>Western</b> .....	—	—	*	—	*
Truck.....	—	—	*	—	*
<b>Maryland</b> .....	<b>5</b>	—	—	—	<b>5</b>
Tidewater.....	5	—	—	—	5
<b>Pennsylvania Total</b> .....	<b>780</b>	—	<b>9</b>	<b>5</b>	<b>794</b>
Railroad.....	643	—	*	*	643
Tidewater.....	137	—	—	—	137
Truck.....	—	—	9	5	14
<b>Anthracite</b> .....	—	—	<b>9</b>	<b>5</b>	<b>14</b>
Railroad.....	—	—	*	*	*
Truck.....	—	—	9	5	14
<b>Bituminous</b> .....	<b>780</b>	—	—	—	<b>780</b>
Railroad.....	643	—	—	—	643
Tidewater.....	137	—	—	—	137
<b>Utah</b> .....	<b>22</b>	—	—	—	<b>22</b>
Railroad.....	22	—	—	—	22
<b>Virginia</b> .....	<b>599</b>	—	—	—	<b>599</b>
Tidewater.....	599	—	—	—	599
<b>West Virginia Total</b> .....	<b>1,945</b>	—	—	—	<b>1,945</b>
Railroad.....	1,242	—	—	—	1,242
Tidewater.....	703	—	—	—	703
<b>Northern</b> .....	<b>1,299</b>	—	—	—	<b>1,299</b>
Railroad.....	790	—	—	—	790
Tidewater.....	508	—	—	—	508
<b>Southern</b> .....	<b>647</b>	—	—	—	<b>647</b>
Railroad.....	452	—	—	—	452
Tidewater.....	195	—	—	—	195
<b>State Total</b> .....	<b>3,575</b>	—	<b>10</b>	<b>5</b>	<b>3,590</b>
Railroad.....	2,131	—	1	*	2,132
Tidewater.....	1,444	—	—	—	1,444
Truck.....	—	—	9	5	14
<b>DESTINATION: NEW MEXICO</b>					
<b>Colorado</b> .....	<b>23</b>	—	<b>76</b>	*	<b>99</b>
Truck.....	23	—	76	*	99
<b>New Mexico</b> .....	<b>16,474</b>	—	—	<b>5</b>	<sup>1</sup> <b>16,483</b>
Railroad.....	9,423	—	—	—	9,423
Truck.....	—	—	—	5	5
Tramway, Conveyor, and Slurry Pipeline.....	7,051	—	—	—	7,051
Unknown.....	—	—	—	—	1 4
<b>Pennsylvania Total</b> .....	—	—	*	—	*
Truck.....	—	—	*	—	*
<b>Anthracite</b> .....	—	—	*	—	*
Truck.....	—	—	*	—	*
<b>Utah</b> .....	—	—	—	*	*
Truck.....	—	—	—	*	*
<b>State Total</b> .....	<b>16,497</b>	—	<b>76</b>	<b>6</b>	<sup>1</sup> <b>16,582</b>
Railroad.....	9,423	—	—	—	9,423
Truck.....	23	—	76	6	105
Tramway, Conveyor, and Slurry Pipeline.....	7,051	—	—	—	7,051
Unknown.....	—	—	—	—	1 4

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: NEW YORK</b>					
<b>Kentucky Total</b> .....	<b>125</b>	—	<b>467</b>	<b>45</b>	<b>638</b>
Railroad.....	110	—	456	—	566
River.....	—	—	—	45	45
Tidewater.....	15	—	—	—	15
Truck.....	—	—	12	—	12
<b>Eastern</b> .....	<b>125</b>	—	<b>467</b>	<b>45</b>	<b>638</b>
Railroad.....	110	—	456	—	566
River.....	—	—	—	45	45
Tidewater.....	15	—	—	—	15
Truck.....	—	—	12	—	12
<b>Ohio</b> .....	<b>10</b>	—	<b>1</b>	—	<b>10</b>
River.....	10	—	—	—	10
Truck.....	—	—	1	—	1
<b>Pennsylvania Total</b> .....	<b>4,330</b>	—	<b>617</b>	<b>43</b>	<b>4,990</b>
Railroad.....	3,967	—	429	1	4,397
River.....	37	—	—	1	38
Truck.....	326	—	188	41	555
<b>Anthracite</b> .....	<b>*</b>	—	<b>7</b>	<b>35</b>	<b>41</b>
Railroad.....	—	—	*	1	1
Truck.....	*	—	7	34	40
<b>Bituminous</b> .....	<b>4,330</b>	—	<b>611</b>	<b>8</b>	<b>4,949</b>
Railroad.....	3,967	—	429	—	4,396
River.....	37	—	—	1	38
Truck.....	326	—	182	7	515
<b>Tennessee</b> .....	—	—	<b>4</b>	—	<b>4</b>
Railroad.....	—	—	4	—	4
<b>Texas</b> .....	<b>8</b>	—	—	—	<b>8</b>
Truck.....	8	—	—	—	8
<b>Virginia</b> .....	—	<b>98</b>	—	—	<b>98</b>
Railroad.....	—	98	—	—	98
<b>West Virginia Total</b> .....	<b>3,463</b>	<b>763</b>	<b>134</b>	<b>13</b>	<b>4,373</b>
Railroad.....	3,457	674	134	—	4,264
River.....	6	10	—	11	27
Truck.....	—	80	—	2	82
<b>Northern</b> .....	<b>2,672</b>	<b>281</b>	<b>3</b>	<b>2</b>	<b>2,958</b>
Railroad.....	2,672	281	3	—	2,956
Truck.....	—	—	—	2	2
<b>Southern</b> .....	<b>791</b>	<b>483</b>	<b>131</b>	<b>11</b>	<b>1,415</b>
Railroad.....	785	393	131	—	1,308
River.....	6	10	—	11	27
Truck.....	—	80	—	—	80
<b>Wyoming</b> .....	<b>20</b>	—	—	—	<b>20</b>
Railroad.....	20	—	—	—	20
<b>State Total</b> .....	<b>7,955</b>	<b>861</b>	<b>1,223</b>	<b>101</b>	<b>10,141</b>
Railroad.....	7,553	771	1,023	1	9,349
River.....	53	10	—	58	121
Tidewater.....	15	—	—	—	15
Truck.....	334	80	201	43	657
<b>DESTINATION: NORTH CAROLINA</b>					
<b>Kentucky Total</b> .....	<b>12,149</b>	—	<b>1,439</b>	<b>25</b>	<b>13,613</b>
Railroad.....	11,760	—	1,247	25	13,032
River.....	375	—	—	—	375
Truck.....	15	—	192	*	207
<b>Eastern</b> .....	<b>12,149</b>	—	<b>1,439</b>	<b>25</b>	<b>13,613</b>
Railroad.....	11,760	—	1,247	25	13,032
River.....	375	—	—	—	375
Truck.....	15	—	192	*	207
<b>Pennsylvania Total</b> .....	—	—	<b>5</b>	<b>*</b>	<b>5</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	5	*	5
<b>Anthracite</b> .....	—	—	<b>5</b>	<b>*</b>	<b>5</b>
Railroad.....	—	—	*	—	*
Truck.....	—	—	5	*	5

See footnotes at end of table.



**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: NORTH CAROLINA (Continued)</b>					
<b>Tennessee</b> .....	-	-	17	*	17
Railroad.....	-	-	17	-	17
Truck.....	-	-	-	*	*
<b>Virginia</b> .....	458	-	312	35	806
Railroad.....	458	-	280	34	772
Truck.....	-	-	32	1	33
<b>West Virginia Total</b> .....	<b>14,471</b>	-	<b>108</b>	<b>52</b>	<b>14,631</b>
Railroad.....	14,411	-	108	22	14,541
River.....	50	-	-	-	50
Truck.....	11	-	-	30	41
<b>Southern</b> .....	<b>14,471</b>	-	<b>108</b>	<b>52</b>	<b>14,631</b>
Railroad.....	14,411	-	108	22	14,541
River.....	50	-	-	-	50
Truck.....	11	-	-	30	41
<b>Wyoming</b> .....	<b>152</b>	-	-	-	<b>152</b>
Railroad.....	152	-	-	-	152
<b>State Total</b> .....	<b>27,230</b>	-	<b>1,881</b>	<b>113</b>	<b>29,224</b>
Railroad.....	26,780	-	1,652	82	28,514
River.....	425	-	-	-	425
Truck.....	25	-	229	32	286
<b>DESTINATION: NORTH DAKOTA</b>					
<b>Montana</b> .....	<b>66</b>	-	-	<b>79</b>	<b>145</b>
Railroad.....	66	-	-	79	145
<b>North Dakota</b> .....	<b>24,965</b>	-	<b>6,127</b>	<b>55</b>	<b>31,147</b>
Railroad.....	447	-	-	-	447
Truck.....	4,372	-	-	55	4,427
Tramway, Conveyor, and Slurry Pipeline.....	20,146	-	6,127	-	26,273
<b>Pennsylvania Total</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Anthracite</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Wyoming</b> .....	<b>142</b>	-	<b>65</b>	-	<b>208</b>
Railroad.....	142	-	65	-	208
<b>State Total</b> .....	<b>25,174</b>	-	<b>6,193</b>	<b>134</b>	<b>31,500</b>
Railroad.....	656	-	65	79	800
Truck.....	4,372	-	-	55	4,427
Tramway, Conveyor, and Slurry Pipeline.....	20,146	-	6,127	-	26,273
<b>DESTINATION: OHIO</b>					
<b>Illinois</b> .....	<b>113</b>	-	<b>7</b>	-	<b>120</b>
River.....	113	-	-	-	113
Truck.....	-	-	7	-	7
<b>Kentucky Total</b> .....	<b>5,219</b>	<b>136</b>	<b>1,623</b>	<b>122</b>	<b>7,101</b>
Railroad.....	1,217	136	441	-	1,795
River.....	3,864	-	180	87	4,131
Great Lakes.....	-	-	13	-	13
Truck.....	138	-	988	34	1,161
<b>Eastern</b> .....	<b>5,156</b>	<b>136</b>	<b>1,623</b>	<b>122</b>	<b>7,037</b>
Railroad.....	1,217	136	441	-	1,795
River.....	3,800	-	180	87	4,068
Great Lakes.....	-	-	13	-	13
Truck.....	138	-	988	34	1,161
<b>Western</b> .....	<b>63</b>	-	-	-	<b>63</b>
River.....	63	-	-	-	63
<b>Montana</b> .....	<b>1</b>	-	<b>152</b>	-	<b>153</b>
Great Lakes.....	1	-	152	-	153
<b>Ohio</b> .....	<b>18,582</b>	-	<b>1,049</b>	<b>86</b>	<b>19,717</b>
Railroad.....	2,478	-	-	-	2,478
River.....	3,582	-	-	-	3,582
Truck.....	6,038	-	1,049	86	7,173
Tramway, Conveyor, and Slurry Pipeline.....	6,484	-	-	-	6,484

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: OHIO (Continued)</b>					
<b>Pennsylvania Total</b> .....	<b>4,848</b>	<b>162</b>	<b>303</b>	<b>5</b>	<b>5,318</b>
Railroad.....	1,085	160	*	-	1,246
River.....	3,553	-	49	2	3,604
Great Lakes.....	149	-	-	-	149
Truck.....	61	1	254	3	319
<b>Anthracite</b> .....	<b>-</b>	<b>1</b>	<b>19</b>	<b>3</b>	<b>24</b>
Railroad.....	-	-	*	-	*
Truck.....	-	1	19	3	24
<b>Bituminous</b> .....	<b>4,848</b>	<b>160</b>	<b>284</b>	<b>2</b>	<b>5,294</b>
Railroad.....	1,085	160	-	-	1,245
River.....	3,553	-	49	2	3,604
Great Lakes.....	149	-	-	-	149
Truck.....	61	-	234	-	295
<b>Tennessee</b> .....	<b>-</b>	<b>-</b>	<b>2</b>	<b>*</b>	<b>2</b>
Railroad.....	-	-	2	-	2
Truck.....	-	-	-	*	*
<b>Texas</b> .....	<b>-</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>12</b>
River.....	-	-	12	-	12
<b>Virginia</b> .....	<b>507</b>	<b>335</b>	<b>4</b>	<b>-</b>	<b>846</b>
Railroad.....	-	335	-	-	335
River.....	507	-	4	-	511
<b>West Virginia Total</b> .....	<b>22,174</b>	<b>723</b>	<b>1,480</b>	<b>4</b>	<b>24,381</b>
Railroad.....	3,412	585	635	-	4,632
River.....	17,987	138	491	-	18,616
Truck.....	775	-	353	4	1,132
<b>Northern</b> .....	<b>5,249</b>	<b>-</b>	<b>233</b>	<b>-</b>	<b>5,482</b>
Railroad.....	2,017	-	233	-	2,249
River.....	3,207	-	-	-	3,207
Truck.....	25	-	1	-	26
<b>Southern</b> .....	<b>16,926</b>	<b>723</b>	<b>1,247</b>	<b>4</b>	<b>18,899</b>
Railroad.....	1,395	585	403	-	2,383
River.....	14,780	138	491	-	15,409
Truck.....	750	-	353	4	1,107
<b>Wyoming</b> .....	<b>2,697</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,697</b>
Railroad.....	2,697	-	-	-	2,697
<b>State Total</b> .....	<b>54,142</b>	<b>1,356</b>	<b>4,632</b>	<b>216</b>	<b>60,346</b>
Railroad.....	10,890	1,216	1,078	-	13,184
River.....	29,605	138	737	89	30,570
Great Lakes.....	150	-	165	-	316
Truck.....	7,012	1	2,652	127	9,792
Tramway, Conveyor, and Slurry Pipeline.....	6,484	-	-	-	6,484
<b>DESTINATION: OKLAHOMA</b>					
<b>Alabama</b> .....	<b>-</b>	<b>-</b>	<b>*</b>	<b>-</b>	<b>*</b>
Railroad.....	-	-	*	-	*
<b>Colorado</b> .....	<b>-</b>	<b>-</b>	<b>70</b>	<b>-</b>	<b>70</b>
Railroad.....	-	-	70	-	70
<b>Illinois</b> .....	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>
River.....	-	-	1	-	1
<b>Indiana</b> .....	<b>-</b>	<b>-</b>	<b>*</b>	<b>-</b>	<b>*</b>
River.....	-	-	*	-	*
<b>Kentucky Total</b> .....	<b>-</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>25</b>
Railroad.....	-	-	8	-	8
River.....	-	-	16	-	16
<b>Eastern</b> .....	<b>-</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>25</b>
Railroad.....	-	-	8	-	8
River.....	-	-	16	-	16
<b>Louisiana</b> .....	<b>-</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>9</b>
River.....	-	-	9	-	9
<b>New Mexico</b> .....	<b>-</b>	<b>-</b>	<b>105</b>	<b>-</b>	<b>105</b>
Railroad.....	-	-	105	-	105
<b>Oklahoma</b> .....	<b>1,165</b>	<b>-</b>	<b>140</b>	<b>-</b>	<b>1,306</b>
Truck.....	1,165	-	140	-	1,306
<b>Pennsylvania Total</b> .....	<b>-</b>	<b>-</b>	<b>*</b>	<b>-</b>	<b>*</b>
Railroad.....	-	-	*	-	*

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: OKLAHOMA (Continued)</b>					
<b>Anthracite</b> .....	-	-	*	-	*
Railroad.....	-	-	*	-	*
<b>Virginia</b> .....	-	-	25	-	25
Railroad.....	-	-	25	-	25
<b>Wyoming</b> .....	18,009	-	5	-	18,014
Railroad.....	18,009	-	5	-	18,014
<b>State Total</b> .....	19,175	-	381	-	19,555
Railroad.....	18,009	-	214	-	18,223
River.....	-	-	26	-	26
Truck.....	1,165	-	140	-	1,306
<b>DESTINATION: OREGON</b>					
<b>Kentucky Total</b> .....	-	-	5	-	5
Railroad.....	-	-	5	-	5
<b>Eastern</b> .....	-	-	5	-	5
Railroad.....	-	-	5	-	5
<b>Pennsylvania Total</b> .....	-	-	4	*	4
Railroad.....	-	-	4	-	4
Truck.....	-	-	-	*	*
<b>Anthracite</b> .....	-	-	4	-	4
Railroad.....	-	-	4	-	4
<b>Bituminous</b> .....	-	-	-	*	*
Truck.....	-	-	-	*	*
<b>Tennessee</b> .....	-	-	3	-	3
Railroad.....	-	-	3	-	3
<b>Utah</b> .....	179	-	54	*	234
Railroad.....	179	-	54	-	234
Truck.....	-	-	-	*	*
<b>West Virginia Total</b> .....	-	-	8	-	8
Railroad.....	-	-	8	-	8
<b>Southern</b> .....	-	-	8	-	8
Railroad.....	-	-	8	-	8
<b>Wyoming</b> .....	1,822	-	23	-	1,845
Railroad.....	1,822	-	23	-	1,845
<b>State Total</b> .....	2,001	-	97	*	2,098
Railroad.....	2,001	-	97	-	2,098
Truck.....	-	-	-	*	*
<b>DESTINATION: PENNSYLVANIA</b>					
<b>Alabama</b> .....	-	206	-	-	206
Railroad.....	-	206	-	-	206
<b>Kentucky Total</b> .....	142	171	343	7	663
Railroad.....	105	23	85	2	214
River.....	2	148	247	4	401
Truck.....	36	-	11	*	48
<b>Eastern</b> .....	142	171	343	7	663
Railroad.....	105	23	85	2	214
River.....	2	148	247	4	401
Truck.....	36	-	11	*	48
<b>Ohio</b> .....	427	-	152	*	579
Railroad.....	22	-	-	-	22
River.....	280	-	-	-	280
Truck.....	126	-	152	*	278
<b>Pennsylvania Total</b> .....	28,750	1,319	3,119	710	33,940
Railroad.....	10,461	20	366	1	10,847
River.....	3,611	1,299	74	18	5,002
Truck.....	13,977	-	2,612	692	17,281
Tramway, Conveyor, and Slurry Pipeline.....	702	-	66	-	768
Unknown.....	-	-	-	-	1 42
<b>Anthracite</b> .....	2,722	-	293	427	3,443
Railroad.....	188	-	24	1	212
Truck.....	2,534	-	270	426	3,230

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: PENNSYLVANIA (Continued)</b>					
<b>Bituminous</b> .....	<b>26,027</b>	<b>1,319</b>	<b>2,825</b>	<b>283</b>	<sup>1</sup> <b>30,497</b>
Railroad .....	10,272	20	342	-	10,635
River .....	3,611	1,299	74	18	5,002
Truck .....	11,442	-	2,342	266	14,050
Tramway, Conveyor, and Slurry Pipeline .....	702	-	66	-	768
Unknown .....	-	-	-	-	1 42
<b>Tennessee</b> .....	-	-	<b>19</b>	-	<b>19</b>
Railroad .....	-	-	19	-	19
<b>Texas</b> .....	<b>36</b>	-	-	-	<b>36</b>
Railroad .....	14	-	-	-	14
Truck .....	22	-	-	-	22
<b>Utah</b> .....	-	-	<b>58</b>	-	<b>58</b>
Railroad .....	-	-	58	-	58
<b>Virginia</b> .....	<b>119</b>	<b>661</b>	<b>14</b>	<b>5</b>	<b>799</b>
Railroad .....	17	661	14	-	693
Truck .....	102	-	-	5	106
<b>West Virginia Total</b> .....	<b>11,112</b>	<b>5,361</b>	<b>958</b>	<b>7</b>	<b>17,438</b>
Railroad .....	4,529	2,844	846	-	8,220
River .....	5,817	2,517	24	-	8,358
Tidewater .....	-	-	15	-	15
Truck .....	766	-	72	7	845
<b>Northern</b> .....	<b>8,423</b>	-	<b>209</b>	<b>7</b>	<b>8,638</b>
Railroad .....	2,270	-	154	-	2,423
River .....	5,554	-	-	-	5,554
Truck .....	599	-	55	7	661
<b>Southern</b> .....	<b>2,690</b>	<b>5,361</b>	<b>749</b>	-	<b>8,799</b>
Railroad .....	2,260	2,844	692	-	5,796
River .....	263	2,517	24	-	2,804
Tidewater .....	-	-	15	-	15
Truck .....	167	-	17	-	184
<b>Wyoming</b> .....	<b>4,316</b>	-	-	-	<b>4,316</b>
Railroad .....	4,316	-	-	-	4,316
<b>State Total</b> .....	<b>44,903</b>	<b>7,719</b>	<b>4,661</b>	<b>728</b>	<sup>1</sup> <b>58,054</b>
Railroad .....	19,464	3,755	1,387	2	24,609
River .....	9,709	3,964	346	22	14,041
Tidewater .....	-	-	15	-	15
Truck .....	15,028	-	2,848	704	18,580
Tramway, Conveyor, and Slurry Pipeline .....	702	-	66	-	768
Unknown .....	-	-	-	-	1 42
<b>DESTINATION: RHODE ISLAND</b>					
<b>Pennsylvania Total</b> .....	-	-	-	<b>2</b>	<b>2</b>
Truck .....	-	-	-	2	2
<b>Anthracite</b> .....	-	-	-	<b>2</b>	<b>2</b>
Truck .....	-	-	-	2	2
<b>State Total</b> .....	-	-	-	<b>2</b>	<b>2</b>
Truck .....	-	-	-	2	2
<b>DESTINATION: SOUTH CAROLINA</b>					
<b>Kentucky Total</b> .....	<b>11,812</b>	-	<b>1,695</b>	-	<b>13,507</b>
Railroad .....	11,812	-	1,615	-	13,427
Truck .....	-	-	80	-	80
<b>Eastern</b> .....	<b>11,812</b>	-	<b>1,695</b>	-	<b>13,507</b>
Railroad .....	11,812	-	1,615	-	13,427
Truck .....	-	-	80	-	80
<b>Pennsylvania Total</b> .....	-	-	<b>49</b>	-	<b>49</b>
Railroad .....	-	-	24	-	24
Truck .....	-	-	25	-	25
<b>Anthracite</b> .....	-	-	<b>49</b>	-	<b>49</b>
Railroad .....	-	-	24	-	24
Truck .....	-	-	25	-	25
<b>Tennessee</b> .....	<b>335</b>	-	<b>15</b>	-	<b>350</b>
Railroad .....	335	-	15	-	350

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: SOUTH CAROLINA (Continued)</b>					
<b>Virginia</b> .....	<b>124</b>	-	<b>365</b>	-	<b>490</b>
Railroad.....	124	-	357	-	481
Truck.....	-	-	8	-	8
<b>West Virginia Total</b> .....	<b>371</b>	-	<b>21</b>	-	<b>391</b>
Railroad.....	371	-	21	-	391
<b>Southern</b> .....	<b>371</b>	-	<b>21</b>	-	<b>391</b>
Railroad.....	371	-	21	-	391
<b>Wyoming</b> .....	<b>247</b>	-	-	-	<b>247</b>
Railroad.....	247	-	-	-	247
<b>State Total</b> .....	<b>12,889</b>	-	<b>2,145</b>	-	<b>15,034</b>
Railroad.....	12,889	-	2,032	-	14,921
Truck.....	-	-	113	-	113
<b>DESTINATION: SOUTH DAKOTA</b>					
<b>Wyoming</b> .....	<b>780</b>	-	<b>264</b>	<b>1</b>	<b>1,046</b>
Railroad.....	590	-	-	-	590
Truck.....	190	-	264	1	455
<b>State Total</b> .....	<b>780</b>	-	<b>264</b>	<b>1</b>	<b>1,046</b>
Railroad.....	590	-	-	-	590
Truck.....	190	-	264	1	455
<b>DESTINATION: TENNESSEE</b>					
<b>Alabama</b> .....	-	-	<b>1</b>	-	<b>1</b>
Truck.....	-	-	1	-	1
<b>Colorado</b> .....	<b>1,121</b>	-	-	-	<b>1,121</b>
Railroad.....	584	-	-	-	584
River.....	536	-	-	-	536
<b>Illinois</b> .....	<b>3,270</b>	-	-	-	<b>3,270</b>
Railroad.....	119	-	-	-	119
River.....	3,151	-	-	-	3,151
<b>Kentucky Total</b> .....	<b>12,026</b>	-	<b>1,647</b>	<b>110</b>	<b>13,783</b>
Railroad.....	6,761	-	1,148	-	7,909
River.....	5,264	-	178	76	5,518
Truck.....	*	-	321	34	356
<b>Eastern</b> .....	<b>4,925</b>	-	<b>1,561</b>	<b>110</b>	<b>6,596</b>
Railroad.....	4,914	-	1,148	-	6,062
River.....	11	-	111	76	198
Truck.....	*	-	302	34	336
<b>Western</b> .....	<b>7,100</b>	-	<b>86</b>	<b>*</b>	<b>7,187</b>
Railroad.....	1,847	-	-	-	1,847
River.....	5,254	-	67	-	5,320
Truck.....	-	-	19	*	19
<b>Pennsylvania Total</b> .....	<b>864</b>	-	<b>*</b>	<b>*</b>	<b>864</b>
Railroad.....	-	-	*	-	*
River.....	864	-	-	-	864
Truck.....	-	-	-	*	*
<b>Anthracite</b> .....	-	-	<b>*</b>	<b>*</b>	<b>*</b>
Railroad.....	-	-	*	-	*
Truck.....	-	-	-	*	*
<b>Bituminous</b> .....	<b>864</b>	-	-	-	<b>864</b>
River.....	864	-	-	-	864
<b>Tennessee</b> .....	<b>636</b>	-	<b>463</b>	<b>*</b>	<b>1,100</b>
Railroad.....	347	-	373	-	720
Truck.....	289	-	90	*	380
<b>Utah</b> .....	<b>1,305</b>	-	-	-	<b>1,305</b>
Railroad.....	1,305	-	-	-	1,305
<b>Virginia</b> .....	<b>1,878</b>	-	<b>994</b>	<b>2</b>	<b>2,873</b>
Railroad.....	1,878	-	935	-	2,813
Truck.....	-	-	58	2	60
<b>West Virginia Total</b> .....	<b>606</b>	-	<b>97</b>	-	<b>703</b>
Railroad.....	45	-	6	-	51
River.....	561	-	79	-	640
Truck.....	-	-	13	-	13

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: TENNESSEE (Continued)</b>					
<b>Southern</b> .....	<b>606</b>	—	<b>97</b>	—	<b>703</b>
Railroad .....	45	—	6	—	51
River .....	561	—	79	—	640
Truck .....	—	—	13	—	13
<b>Wyoming</b> .....	<b>3,138</b>	—	<b>153</b>	—	<b>3,291</b>
Railroad .....	3,138	—	153	—	3,291
<b>State Total</b> .....	<b>24,843</b>	—	<b>3,356</b>	<b>112</b>	<b>28,311</b>
Railroad .....	14,176	—	2,615	—	16,791
River .....	10,377	—	257	76	10,710
Truck .....	289	—	484	36	809
<b>DESTINATION: TEXAS</b>					
<b>Arkansas</b> .....	—	—	<b>2</b>	—	<b>2</b>
Truck .....	—	—	2	—	2
<b>Colorado</b> .....	<b>1,450</b>	—	<b>889</b>	—	<b>2,338</b>
Railroad .....	1,450	—	889	—	2,338
<b>Kentucky Total</b> .....	<b>20</b>	—	<b>106</b>	—	<b>126</b>
Railroad .....	20	—	106	—	126
<b>Eastern</b> .....	<b>20</b>	—	<b>106</b>	—	<b>126</b>
Railroad .....	20	—	106	—	126
<b>New Mexico</b> .....	—	—	<b>519</b>	—	<b>519</b>
Railroad .....	—	—	519	—	519
<b>Oklahoma</b> .....	—	—	<b>104</b>	—	<b>104</b>
Truck .....	—	—	104	—	104
<b>Pennsylvania Total</b> .....	—	—	<b>12</b>	*	<b>12</b>
Railroad .....	—	—	3	—	3
Truck .....	—	—	9	*	9
<b>Anthracite</b> .....	—	—	<b>12</b>	—	<b>12</b>
Railroad .....	—	—	3	—	3
Truck .....	—	—	9	—	9
<b>Bituminous</b> .....	—	—	—	*	*
Truck .....	—	—	—	*	*
<b>Texas</b> .....	<b>45,866</b>	—	<b>2,868</b>	—	<b>48,733</b>
Railroad .....	21,716	—	101	—	21,817
Truck .....	12,986	—	339	—	13,325
Tramway, Conveyor, and Slurry Pipeline .....	11,164	—	2,427	—	13,591
<b>Utah</b> .....	<b>278</b>	—	—	—	<b>278</b>
Railroad .....	278	—	—	—	278
<b>Virginia</b> .....	—	—	—	<b>12</b>	<b>12</b>
Railroad .....	—	—	—	12	12
Truck .....	—	—	—	*	*
<b>West Virginia Total</b> .....	<b>7</b>	—	—	—	<b>7</b>
River .....	7	—	—	—	7
<b>Southern</b> .....	<b>7</b>	—	—	—	<b>7</b>
River .....	7	—	—	—	7
<b>Wyoming</b> .....	<b>49,181</b>	—	<b>165</b>	—	<b>49,346</b>
Railroad .....	49,181	—	165	—	49,346
<b>State Total</b> .....	<b>96,802</b>	—	<b>4,665</b>	<b>13</b>	<b>101,480</b>
Railroad .....	72,645	—	1,784	12	74,441
River .....	7	—	—	—	7
Truck .....	12,986	—	454	*	13,440
Tramway, Conveyor, and Slurry Pipeline .....	11,164	—	2,427	—	13,591
<b>DESTINATION: UTAH</b>					
<b>Colorado</b> .....	<b>1,531</b>	<b>319</b>	—	—	<b>1,849</b>
Railroad .....	1,531	319	—	—	1,849
<b>Pennsylvania Total</b> .....	—	<b>20</b>	<b>9</b>	*	<b>29</b>
Railroad .....	—	20	—	—	20
Truck .....	—	—	9	*	9
<b>Anthracite</b> .....	—	—	—	*	*
Truck .....	—	—	—	*	*
<b>Bituminous</b> .....	—	<b>20</b>	<b>9</b>	—	<b>29</b>
Railroad .....	—	20	—	—	20
Truck .....	—	—	9	—	9

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: UTAH (Continued)</b>					
<b>Utah</b> .....	<b>11,441</b>	—	<b>830</b>	<b>59</b>	<b>12,329</b>
Railroad.....	3,158	—	230	—	3,388
Truck.....	4,291	—	600	59	4,950
Tramway, Conveyor, and Slurry Pipeline.....	3,991	—	—	—	3,991
<b>Virginia</b> .....	—	<b>119</b>	—	—	<b>119</b>
Railroad.....	—	119	—	—	119
<b>West Virginia Total</b> .....	—	<b>252</b>	<b>25</b>	—	<b>277</b>
Railroad.....	—	252	25	—	277
<b>Southern</b> .....	—	<b>252</b>	<b>25</b>	—	<b>277</b>
Railroad.....	—	252	25	—	277
<b>Wyoming</b> .....	<b>260</b>	—	—	*	<b>260</b>
Railroad.....	260	—	—	—	260
Truck.....	—	—	—	*	*
<b>State Total</b> .....	<b>13,231</b>	<b>709</b>	<b>864</b>	<b>59</b>	<b>14,863</b>
Railroad.....	4,949	709	255	—	5,913
Truck.....	4,291	—	608	59	4,959
Tramway, Conveyor, and Slurry Pipeline.....	3,991	—	—	—	3,991
<b>DESTINATION: VERMONT</b>					
<b>Pennsylvania Total</b> .....	—	—	—	<b>1</b>	<b>1</b>
Railroad.....	—	—	—	*	*
Truck.....	—	—	—	1	1
<b>Anthracite</b> .....	—	—	—	<b>1</b>	<b>1</b>
Railroad.....	—	—	—	*	*
Truck.....	—	—	—	1	1
<b>Bituminous</b> .....	—	—	—	*	*
Truck.....	—	—	—	*	*
<b>State Total</b> .....	—	—	—	<b>1</b>	<b>1</b>
Railroad.....	—	—	—	*	*
Truck.....	—	—	—	1	1
<b>DESTINATION: VIRGINIA</b>					
<b>Kentucky Total</b> .....	<b>3,714</b>	—	<b>2,749</b>	<b>25</b>	<b>6,488</b>
Railroad.....	3,556	—	941	*	4,497
Truck.....	158	—	1,808	25	1,991
<b>Eastern</b> .....	<b>3,714</b>	—	<b>2,749</b>	<b>25</b>	<b>6,488</b>
Railroad.....	3,556	—	941	*	4,497
Truck.....	158	—	1,808	25	1,991
<b>Maryland</b> .....	<b>431</b>	—	—	—	<b>431</b>
Truck.....	431	—	—	—	431
<b>Pennsylvania Total</b> .....	<b>510</b>	—	<b>39</b>	<b>1</b>	<b>550</b>
Railroad.....	29	—	*	*	29
Truck.....	481	—	39	1	521
<b>Anthracite</b> .....	—	—	<b>3</b>	<b>1</b>	<b>4</b>
Railroad.....	—	—	*	*	*
Truck.....	—	—	3	1	4
<b>Bituminous</b> .....	<b>510</b>	—	<b>36</b>	—	<b>546</b>
Railroad.....	29	—	—	—	29
Truck.....	481	—	36	—	517
<b>Tennessee</b> .....	—	—	<b>4</b>	—	<b>4</b>
Truck.....	—	—	4	—	4
<b>Utah</b> .....	—	—	<b>118</b>	—	<b>118</b>
Railroad.....	—	—	118	—	118
<b>Virginia</b> .....	<b>6,506</b>	<b>996</b>	<b>1,121</b>	<b>41</b>	<b>8,739</b>
Railroad.....	4,580	—	1,019	32	5,631
Truck.....	1,926	—	89	9	2,023
Tramway, Conveyor, and Slurry Pipeline.....	—	996	13	—	1,009
Unknown.....	—	—	—	—	1 76
<b>West Virginia Total</b> .....	<b>4,317</b>	<b>39</b>	<b>1,592</b>	<b>16</b>	<b>5,964</b>
Railroad.....	3,621	—	1,564	16	5,200
River.....	—	—	1	—	1
Tidewater.....	220	—	—	—	220
Truck.....	476	—	27	1	503
Tramway, Conveyor, and Slurry Pipeline.....	—	39	—	—	39

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: VIRGINIA (Continued)</b>					
<b>Northern</b> .....	<b>628</b>	—	<b>1</b>	—	<b>629</b>
Railroad .....	184	—	—	—	184
River .....	—	—	1	—	1
Truck .....	444	—	—	—	444
<b>Southern</b> .....	<b>3,689</b>	<b>39</b>	<b>1,591</b>	<b>16</b>	<b>5,335</b>
Railroad .....	3,437	—	1,564	16	5,016
Tidewater .....	220	—	—	—	220
Truck .....	32	—	27	1	60
Tramway, Conveyor, and Slurry Pipeline .....	—	39	—	—	39
<b>State Total</b> .....	<b>15,477</b>	<b>1,035</b>	<b>5,623</b>	<b>83</b>	<sup>1</sup> <b>22,294</b>
Railroad .....	11,785	—	3,641	48	15,475
River .....	—	—	1	—	1
Tidewater .....	220	—	—	—	220
Truck .....	3,471	—	1,967	35	5,473
Tramway, Conveyor, and Slurry Pipeline .....	—	1,035	13	—	1,048
Unknown .....	—	—	—	—	1 76
<b>DESTINATION: WASHINGTON</b>					
<b>Montana</b> .....	<b>1,685</b>	—	—	—	<b>1,685</b>
Railroad .....	1,685	—	—	—	1,685
<b>Pennsylvania Total</b> .....	—	—	—	*	*
Truck .....	—	—	—	*	*
<b>Bituminous</b> .....	—	—	—	*	*
Truck .....	—	—	—	*	*
<b>Utah</b> .....	—	—	<b>83</b>	<b>20</b>	<b>103</b>
Railroad .....	—	—	83	20	102
Truck .....	—	—	—	1	1
<b>Washington</b> .....	<b>4,270</b>	—	—	—	<b>4,270</b>
Tramway, Conveyor, and Slurry Pipeline .....	4,270	—	—	—	4,270
<b>Wyoming</b> .....	—	—	—	*	*
Railroad .....	—	—	—	*	*
<b>State Total</b> .....	<b>5,955</b>	—	<b>83</b>	<b>20</b>	<b>6,058</b>
Railroad .....	1,685	—	83	20	1,787
Truck .....	—	—	—	1	1
Tramway, Conveyor, and Slurry Pipeline .....	4,270	—	—	—	4,270
<b>DESTINATION: WEST VIRGINIA</b>					
<b>Illinois</b> .....	<b>2</b>	—	—	—	<b>2</b>
River .....	2	—	—	—	2
<b>Kentucky Total</b> .....	<b>117</b>	—	<b>590</b>	<b>3</b>	<b>710</b>
Railroad .....	65	—	109	2	176
River .....	32	—	397	—	429
Truck .....	20	—	83	1	105
<b>Eastern</b> .....	<b>117</b>	—	<b>590</b>	<b>3</b>	<b>710</b>
Railroad .....	65	—	109	2	176
River .....	32	—	397	—	429
Truck .....	20	—	83	1	105
<b>Maryland</b> .....	<b>2,640</b>	—	—	—	<b>2,640</b>
Truck .....	2,640	—	—	—	2,640
<b>Ohio</b> .....	<b>1,401</b>	—	—	—	<b>1,401</b>
River .....	1,401	—	—	—	1,401
<b>Pennsylvania Total</b> .....	<b>7,529</b>	—	<b>532</b>	<b>3</b>	<b>8,064</b>
Railroad .....	11	—	2	—	13
River .....	7,402	—	414	—	7,816
Truck .....	116	—	116	3	235
<b>Anthracite</b> .....	—	—	<b>55</b>	<b>2</b>	<b>57</b>
Railroad .....	—	—	2	—	2
Truck .....	—	—	54	2	56
<b>Bituminous</b> .....	<b>7,529</b>	—	<b>477</b>	<b>1</b>	<b>8,007</b>
Railroad .....	11	—	—	—	11
River .....	7,402	—	414	—	7,816
Truck .....	116	—	62	1	179

See footnotes at end of table.



**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: WEST VIRGINIA (Continued)</b>					
<b>Tennessee</b> .....	-	-	1	-	1
Railroad.....	-	-	1	-	1
<b>Virginia</b> .....	16	43	326	1	386
Railroad.....	-	43	326	*	370
River.....	16	-	-	-	16
Truck.....	-	-	-	1	1
<b>West Virginia Total</b> .....	<b>17,896</b>	<b>1,108</b>	<b>3,441</b>	<b>210</b>	<sup>1</sup> <b>22,664</b>
Railroad.....	8,461	403	669	-	9,534
River.....	7,014	704	303	176	8,197
Truck.....	2,420	-	1,958	34	4,412
Tramway, Conveyor, and Slurry Pipeline.....	-	-	511	-	511
Unknown.....	-	-	-	-	19
<b>Northern</b> .....	<b>5,565</b>	-	<b>291</b>	<b>9</b>	<sup>1</sup> <b>5,865</b>
Railroad.....	286	-	3	-	289
River.....	3,108	-	4	-	3,112
Truck.....	2,171	-	256	9	2,436
Tramway, Conveyor, and Slurry Pipeline.....	-	-	27	-	27
Unknown.....	-	-	-	-	10
<b>Southern</b> .....	<b>12,331</b>	<b>1,108</b>	<b>3,151</b>	<b>201</b>	<sup>1</sup> <b>16,799</b>
Railroad.....	8,175	403	666	-	9,245
River.....	3,906	704	299	176	5,085
Truck.....	249	-	1,702	25	1,976
Tramway, Conveyor, and Slurry Pipeline.....	-	-	483	-	483
Unknown.....	-	-	-	-	19
<b>Wyoming</b> .....	<b>4,198</b>	-	-	-	<b>4,198</b>
Railroad.....	4,198	-	-	-	4,198
<b>State Total</b> .....	<b>33,798</b>	<b>1,151</b>	<b>4,890</b>	<b>216</b>	<sup>1</sup> <b>40,065</b>
Railroad.....	12,736	447	1,107	2	14,291
River.....	15,866	704	1,114	176	17,861
Truck.....	5,196	-	2,158	39	7,393
Tramway, Conveyor, and Slurry Pipeline.....	-	-	511	-	511
Unknown.....	-	-	-	-	19
<b>DESTINATION: WISCONSIN</b>					
<b>Colorado</b> .....	<b>12</b>	-	-	-	<b>12</b>
Railroad.....	12	-	-	-	12
<b>Illinois</b> .....	<b>2</b>	-	<b>147</b>	-	<b>149</b>
Railroad.....	2	-	117	-	119
Great Lakes.....	-	-	31	-	31
<b>Indiana</b> .....	<b>219</b>	-	<b>52</b>	-	<b>272</b>
Railroad.....	219	-	52	-	272
<b>Kentucky Total</b> .....	<b>201</b>	-	<b>505</b>	<b>151</b>	<b>857</b>
Railroad.....	105	-	287	33	426
River.....	19	-	4	117	141
Great Lakes.....	76	-	214	-	291
<b>Eastern</b> .....	<b>187</b>	-	<b>326</b>	<b>151</b>	<b>664</b>
Railroad.....	105	-	107	33	246
River.....	5	-	4	117	127
Great Lakes.....	76	-	214	-	291
<b>Western</b> .....	<b>14</b>	-	<b>179</b>	-	<b>193</b>
Railroad.....	-	-	179	-	179
River.....	14	-	-	-	14
<b>Montana</b> .....	<b>578</b>	-	-	-	<b>578</b>
Railroad.....	578	-	-	-	578
<b>New Mexico</b> .....	<b>51</b>	-	-	-	<b>51</b>
Railroad.....	51	-	-	-	51
<b>Ohio</b> .....	-	-	*	-	*
Great Lakes.....	-	-	*	-	*
<b>Pennsylvania Total</b> .....	<b>925</b>	-	<b>19</b>	<b>11</b>	<b>955</b>
Railroad.....	296	-	3	-	299
River.....	6	-	-	11	17
Great Lakes.....	623	-	11	-	634
Truck.....	-	-	5	*	5
<b>Anthracite</b> .....	-	-	<b>8</b>	*	<b>8</b>
Railroad.....	-	-	3	-	3
Truck.....	-	-	5	*	5

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: WISCONSIN (Continued)</b>					
<b>Bituminous</b> .....	<b>925</b>	—	<b>11</b>	<b>11</b>	<b>947</b>
Railroad .....	296	—	—	—	296
River .....	6	—	—	11	17
Great Lakes .....	623	—	11	—	634
<b>Texas</b> .....	<b>2</b>	—	—	—	<b>2</b>
River .....	2	—	—	—	2
<b>Utah</b> .....	<b>34</b>	—	—	—	<b>34</b>
Railroad .....	34	—	—	—	34
<b>Virginia</b> .....	<b>83</b>	—	—	—	<b>83</b>
Railroad .....	83	—	—	—	83
River .....	*	—	—	—	*
<b>West Virginia Total</b> .....	<b>233</b>	—	<b>265</b>	<b>*</b>	<b>498</b>
Railroad .....	174	—	190	—	363
River .....	5	—	—	*	6
Great Lakes .....	54	—	75	—	129
<b>Northern</b> .....	<b>1</b>	—	<b>75</b>	—	<b>76</b>
Railroad .....	1	—	—	—	1
Great Lakes .....	—	—	75	—	75
<b>Southern</b> .....	<b>232</b>	—	<b>190</b>	<b>*</b>	<b>422</b>
Railroad .....	173	—	190	—	362
River .....	5	—	—	*	6
Great Lakes .....	54	—	—	—	54
<b>Wyoming</b> .....	<b>23,516</b>	—	<b>521</b>	—	<b>24,038</b>
Railroad .....	23,516	—	521	—	24,038
<b>State Total</b> .....	<b>25,857</b>	—	<b>1,509</b>	<b>162</b>	<b>27,528</b>
Railroad .....	25,071	—	1,169	33	26,274
River .....	32	—	4	129	165
Great Lakes .....	753	—	331	—	1,084
Truck .....	—	—	5	*	5
<b>DESTINATION: WYOMING</b>					
<b>Colorado</b> .....	—	—	<b>147</b>	—	<b>147</b>
Truck .....	—	—	147	—	147
<b>Illinois</b> .....	<b>34</b>	—	—	—	<b>34</b>
Railroad .....	34	—	—	—	34
<b>Montana</b> .....	—	—	—	<b>64</b>	<b>64</b>
Railroad .....	—	—	—	64	64
<b>Pennsylvania Total</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad .....	—	—	1	—	1
<b>Anthracite</b> .....	—	—	<b>1</b>	—	<b>1</b>
Railroad .....	—	—	1	—	1
<b>Utah</b> .....	—	—	*	*	*
Truck .....	—	—	*	*	*
<b>Wyoming</b> .....	<b>19,982</b>	—	<b>1,876</b>	<b>73</b>	<b>21,931</b>
Railroad .....	7,316	—	1,322	29	8,667
Truck .....	1,244	—	554	44	1,842
Tramway, Conveyor, and Slurry Pipeline .....	11,423	—	—	—	11,423
<b>State Total</b> .....	<b>20,016</b>	—	<b>2,024</b>	<b>138</b>	<b>22,178</b>
Railroad .....	7,350	—	1,323	93	8,766
Truck .....	1,244	—	701	45	1,989
Tramway, Conveyor, and Slurry Pipeline .....	11,423	—	—	—	11,423
<b>DESTINATION: U.S. TOTAL</b>					
<b>Alabama</b> .....	<b>11,893</b>	<b>1,012</b>	<b>2,528</b>	<b>53</b>	<sup>2</sup> <b>15,486</b>
Railroad .....	5,754	840	515	—	7,108
River .....	4,912	—	—	—	4,912
Truck .....	1,228	172	2,013	53	3,466
Unknown .....	—	—	—	—	2 0
<b>Alaska</b> .....	<b>324</b>	—	—	<b>523</b>	<b>847</b>
Railroad .....	154	—	—	462	616
Truck .....	170	—	—	61	231
<b>Arizona</b> .....	<b>12,986</b>	—	—	—	<b>12,986</b>
Railroad .....	8,275	—	—	—	8,275
Tramway, Conveyor, and Slurry Pipeline .....	4,711	—	—	—	4,711

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: U.S. TOTAL (Continued)</b>					
<b>Arkansas</b> .....	-	-	<b>11</b>	-	<b>11</b>
Truck.....	-	-	11	-	11
<b>Colorado</b> .....	<b>24,545</b>	<b>319</b>	<b>3,309</b>	<b>75</b>	<sup>2</sup> <b>28,314</b>
Railroad.....	19,474	319	2,668	66	22,526
River.....	1,925	-	216	-	2,140
Truck.....	3,147	-	426	9	3,581
Unknown.....	-	-	-	-	2 66
<b>Illinois</b> .....	<b>27,824</b>	-	<b>4,169</b>	<b>406</b>	<sup>2</sup> <b>32,424</b>
Railroad.....	9,145	-	1,619	1	10,765
River.....	13,970	-	399	104	14,472
Great Lakes.....	-	-	31	-	31
Tidewater.....	1,524	-	-	-	1,524
Truck.....	3,186	-	2,111	302	5,599
Tramway, Conveyor, and Slurry Pipeline.....	-	-	10	-	10
Unknown.....	-	-	-	-	2 25
<b>Indiana</b> .....	<b>25,465</b>	-	<b>2,535</b>	<b>270</b>	<sup>2</sup> <b>28,285</b>
Railroad.....	16,677	-	349	*	17,026
River.....	68	-	1,167	-	1,236
Truck.....	7,973	-	1,019	270	9,262
Tramway, Conveyor, and Slurry Pipeline.....	748	-	-	-	748
Unknown.....	-	-	-	-	2 14
<b>Kansas</b> .....	<b>201</b>	-	-	-	<b>201</b>
Truck.....	201	-	-	-	201
<b>Kentucky Total</b> .....	<b>106,176</b>	<b>757</b>	<b>21,149</b>	<b>886</b>	<sup>3</sup> <b>129,374</b>
Railroad.....	76,108	607	9,969	76	86,761
River.....	18,652	148	4,362	536	23,697
Great Lakes.....	540	-	744	-	1,284
Tidewater.....	913	-	92	-	1,006
Truck.....	9,963	2	5,981	275	16,221
Unknown.....	-	-	-	-	3 406
<b>Eastern</b> .....	<b>80,184</b>	<b>757</b>	<b>20,689</b>	<b>762</b>	<sup>3</sup> <b>102,794</b>
Railroad.....	70,634	607	9,757	76	81,074
River.....	5,896	148	4,213	413	10,670
Great Lakes.....	540	-	744	-	1,284
Tidewater.....	913	-	92	-	1,006
Truck.....	2,201	2	5,883	273	8,359
Unknown.....	-	-	-	-	3 402
<b>Western</b> .....	<b>25,992</b>	-	<b>459</b>	<b>125</b>	<sup>2</sup> <b>26,580</b>
Railroad.....	5,474	-	212	-	5,687
River.....	12,755	-	149	123	13,027
Truck.....	7,762	-	98	2	7,862
Unknown.....	-	-	-	-	2 4
<b>Louisiana</b> .....	<b>3,696</b>	-	<b>9</b>	-	<b>3,704</b>
River.....	-	-	9	-	9
Truck.....	770	-	-	-	770
Tramway, Conveyor, and Slurry Pipeline.....	2,926	-	-	-	2,926
<b>Maryland</b> .....	<b>4,275</b>	-	<b>248</b>	<b>4</b>	<sup>2</sup> <b>4,535</b>
Railroad.....	321	-	-	-	321
Tidewater.....	18	-	-	-	18
Truck.....	3,936	-	248	4	4,187
Unknown.....	-	-	-	-	2 8
<b>Mississippi</b> .....	<b>11</b>	-	-	-	<b>11</b>
Tramway, Conveyor, and Slurry Pipeline.....	11	-	-	-	11
<b>Missouri</b> .....	<b>408</b>	-	<b>28</b>	<b>*</b>	<b>436</b>
Truck.....	408	-	28	*	436
<b>Montana</b> .....	<b>36,795</b>	-	<b>794</b>	<b>146</b>	<b>37,735</b>
Railroad.....	21,448	-	22	143	21,613
Great Lakes.....	6,269	-	268	-	6,536
Truck.....	347	-	64	2	413
Tramway, Conveyor, and Slurry Pipeline.....	8,731	-	441	-	9,173
<b>New Mexico</b> .....	<b>25,965</b>	-	<b>1,161</b>	<b>5</b>	<sup>1</sup> <b>27,136</b>
Railroad.....	18,915	-	1,161	-	20,076
Truck.....	-	-	-	5	5
Tramway, Conveyor, and Slurry Pipeline.....	7,051	-	-	-	7,051
Unknown.....	-	-	-	-	1 4
<b>North Dakota</b> .....	<b>24,965</b>	-	<b>6,128</b>	<b>55</b>	<b>31,148</b>
Railroad.....	447	-	1	-	448
Truck.....	4,372	-	-	55	4,427
Tramway, Conveyor, and Slurry Pipeline.....	20,146	-	6,127	-	26,273

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: U.S. TOTAL (Continued)</b>					
<b>Ohio</b> .....	<b>20,945</b>	—	<b>1,296</b>	<b>90</b>	<sup>2</sup> <b>22,350</b>
Railroad.....	2,502	—	—	—	2,502
River.....	5,539	—	1	—	5,540
Great Lakes.....	—	—	*	—	*
Truck.....	6,420	—	1,295	90	7,805
Tramway, Conveyor, and Slurry Pipeline.....	6,484	—	—	—	6,484
Unknown.....	—	—	—	—	<sup>2</sup> 20
<b>Oklahoma</b> .....	<b>1,178</b>	—	<b>398</b>	<b>11</b>	<b>1,588</b>
Truck.....	1,178	—	398	11	1,588
<b>Pennsylvania Total</b> .....	<b>58,593</b>	<b>1,578</b>	<b>5,759</b>	<b>850</b>	<sup>3</sup> <b>67,079</b>
Railroad.....	23,209	200	1,209	5	24,623
River.....	18,578	1,315	757	32	20,682
Great Lakes.....	773	62	199	—	1,033
Tidewater.....	152	—	*	—	152
Truck.....	15,180	1	3,528	813	19,523
Tramway, Conveyor, and Slurry Pipeline.....	702	—	66	—	768
Unknown.....	—	—	—	—	<sup>3</sup> 298
<b>Anthracite</b> .....	<b>2,722</b>	<b>1</b>	<b>662</b>	<b>508</b>	<sup>2</sup> <b>4,051</b>
Railroad.....	188	—	208	5	401
Tidewater.....	—	—	*	—	*
Truck.....	2,534	1	454	503	3,493
Unknown.....	—	—	—	—	<sup>2</sup> 157
<b>Bituminous</b> .....	<b>55,870</b>	<b>1,577</b>	<b>5,097</b>	<b>342</b>	<sup>3</sup> <b>63,027</b>
Railroad.....	23,021	200	1,001	—	24,222
River.....	18,578	1,315	757	32	20,682
Great Lakes.....	773	62	199	—	1,033
Tidewater.....	152	—	—	—	152
Truck.....	12,646	—	3,074	310	16,030
Tramway, Conveyor, and Slurry Pipeline.....	702	—	66	—	768
Unknown.....	—	—	—	—	<sup>3</sup> 141
<b>Tennessee</b> .....	<b>1,762</b>	<b>*</b>	<b>821</b>	<b>8</b>	<sup>2</sup> <b>2,615</b>
Railroad.....	1,368	—	707	—	2,076
Truck.....	394	*	114	8	516
Unknown.....	—	—	—	—	<sup>2</sup> 24
<b>Texas</b> .....	<b>45,936</b>	—	<b>2,884</b>	—	<b>48,821</b>
Railroad.....	21,755	—	101	—	21,856
River.....	2	—	17	—	18
Truck.....	13,016	—	339	—	13,355
Tramway, Conveyor, and Slurry Pipeline.....	11,164	—	2,427	—	13,591
<b>Utah</b> .....	<b>21,214</b>	—	<b>3,539</b>	<b>121</b>	<sup>2</sup> <b>24,883</b>
Railroad.....	12,910	—	2,846	20	15,776
Truck.....	4,313	—	689	101	5,103
Tramway, Conveyor, and Slurry Pipeline.....	3,991	—	4	—	3,995
Unknown.....	—	—	—	—	<sup>2</sup> 9
<b>Virginia</b> .....	<b>16,372</b>	<b>3,385</b>	<b>4,738</b>	<b>113</b>	<sup>3</sup> <b>24,785</b>
Railroad.....	12,378	2,390	4,280	96	19,143
River.....	1,367	—	257	—	1,624
Tidewater.....	599	—	—	—	599
Truck.....	2,028	—	188	17	2,233
Tramway, Conveyor, and Slurry Pipeline.....	—	996	13	—	1,009
Unknown.....	—	—	—	—	<sup>3</sup> 177
<b>Washington</b> .....	<b>4,270</b>	—	—	—	<b>4,270</b>
Tramway, Conveyor, and Slurry Pipeline.....	4,270	—	—	—	4,270
<b>West Virginia Total</b> .....	<b>104,672</b>	<b>19,270</b>	<b>12,398</b>	<b>412</b>	<sup>3</sup> <b>138,240</b>
Railroad.....	55,162	13,355	5,826	39	74,383
River.....	39,011	4,138	2,121	255	45,524
Great Lakes.....	625	1,460	229	—	2,314
Tidewater.....	5,293	—	15	—	5,308
Truck.....	4,582	277	3,696	118	8,673
Tramway, Conveyor, and Slurry Pipeline.....	—	39	511	—	550
Unknown.....	—	—	—	—	<sup>3</sup> 1,488
<b>Northern</b> .....	<b>34,380</b>	<b>789</b>	<b>1,068</b>	<b>59</b>	<sup>3</sup> <b>36,379</b>
Railroad.....	13,900	789	572	—	15,262
River.....	15,299	—	8	—	15,307
Great Lakes.....	—	—	82	—	82
Tidewater.....	1,925	—	—	—	1,925
Truck.....	3,255	—	378	59	3,693
Tramway, Conveyor, and Slurry Pipeline.....	—	—	27	—	27
Unknown.....	—	—	—	—	<sup>3</sup> 83

See footnotes at end of table.

**Table 64. Domestic Distribution of U.S. Coal by Destination State, Consumer, Origin and Method of Transportation, 2000 (Continued)**  
(Thousand Short Tons)

Coal-Producing State of Origin by Method of Transportation	Electricity Generation	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total
<b>DESTINATION: U.S. TOTAL (Continued)</b>					
<b>Southern</b> .....	<b>70,293</b>	<b>18,481</b>	<b>11,330</b>	<b>353</b>	<sup>3</sup> <b>101,861</b>
Railroad .....	41,262	12,566	5,254	39	59,121
River .....	23,711	4,138	2,113	255	30,217
Great Lakes .....	625	1,460	147	—	2,232
Tidewater .....	3,369	—	15	—	3,384
Truck .....	1,326	277	3,318	59	4,980
Tramway, Conveyor, and Slurry Pipeline .....	—	39	483	—	523
Unknown .....	—	—	—	—	<sup>3</sup> 1,405
<b>Wyoming</b> .....	<b>324,497</b>	—	<b>5,414</b>	<b>84</b>	<sup>2</sup> <b>334,349</b>
Railroad .....	301,195	—	3,866	34	305,095
River .....	9,833	—	206	—	10,039
Great Lakes .....	613	—	497	—	1,111
Truck .....	1,434	—	844	51	2,329
Tramway, Conveyor, and Slurry Pipeline .....	11,423	—	—	—	11,423
Unknown .....	—	—	—	—	<sup>2</sup> 4,353
<b>U.S. Total</b> .....	<b>904,970</b>	<b>26,321</b>	<b>79,317</b>	<b>4,112</b>	<sup>3</sup> <b>1,021,612</b>
Railroad .....	607,196	17,711	35,138	942	660,988
River .....	113,855	5,601	9,511	926	129,893
Great Lakes .....	8,819	1,522	1,968	—	12,309
Tidewater .....	8,499	—	107	—	8,606
Truck .....	84,243	453	22,993	2,244	109,932
Tramway, Conveyor, and Slurry Pipeline .....	82,358	1,035	9,599	—	92,992
Unknown .....	—	—	—	—	<sup>3</sup> 6,892

<sup>1</sup> Includes distribution to the transportation sector.

<sup>2</sup> Includes distribution to unknown consumers.

<sup>3</sup> Includes distribution to both the transportation sector and unknown consumers.

\* Quantity is less than 500 short tons or percent is less than .05.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**

(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Alabama</b> .....	<b>7,108</b>	<b>4,912</b>	—	<b>4,807</b>	<b>9,718</b>	<b>3,466</b>	—	*	<b>20,293</b>
Alabama .....	6,054	4,912	—	—	4,912	3,448	—	—	14,414
Arkansas .....	176	—	—	—	—	17	—	—	192
Georgia .....	132	—	—	—	—	—	—	—	132
Indiana .....	540	—	—	—	—	—	—	—	540
Oklahoma .....	*	—	—	—	—	—	—	—	*
Pennsylvania .....	206	—	—	—	—	—	—	—	206
Tennessee .....	—	—	—	—	—	1	—	—	1
Unknown State .....	—	—	—	—	—	—	—	*	*
Foreign .....	—	—	—	4,807	4,807	—	—	—	4,807
<b>Alaska</b> .....	<b>616</b>	—	—	<b>734</b>	<b>734</b>	<b>231</b>	—	—	<b>1,580</b>
Alaska .....	616	—	—	—	—	231	—	—	847
Foreign .....	—	—	—	734	734	—	—	—	734
<b>Arizona</b> .....	<b>8,275</b>	—	—	—	—	—	<b>4,711</b>	—	<b>12,986</b>
Arizona .....	8,275	—	—	—	—	—	—	—	8,275
Nevada .....	—	—	—	—	—	—	4,711	—	4,711
<b>Arkansas</b> .....	—	—	—	—	—	<b>11</b>	—	—	<b>11</b>
Missouri .....	—	—	—	—	—	9	—	—	9
Texas .....	—	—	—	—	—	2	—	—	2
<b>Colorado</b> .....	<b>22,526</b>	<b>2,140</b>	—	<b>1,099</b>	<b>3,239</b>	<b>3,581</b>	—	<b>66</b>	<b>29,413</b>
Arizona .....	1,076	—	—	—	—	*	—	—	1,076
Arkansas .....	121	—	—	—	—	—	—	—	121
California .....	136	—	—	—	—	—	—	—	136
Colorado .....	10,127	—	—	—	—	3,335	—	—	13,462
Illinois .....	1,245	702	—	—	702	—	—	—	1,947
Indiana .....	23	12	—	—	12	—	—	—	35
Iowa .....	393	—	—	—	—	—	—	—	393
Kansas .....	719	—	—	—	—	—	—	—	719
Kentucky .....	2,464	—	—	—	—	—	—	—	2,464
Mississippi .....	554	—	—	—	—	—	—	—	554
Missouri .....	689	890	—	—	890	—	—	—	1,579
Nebraska .....	126	—	—	—	—	—	—	—	126
New Mexico .....	—	—	—	—	—	99	—	—	99
Oklahoma .....	70	—	—	—	—	—	—	—	70
Tennessee .....	584	536	—	—	536	—	—	—	1,121
Texas .....	2,338	—	—	—	—	—	—	—	2,338
Utah .....	1,849	—	—	—	—	—	—	—	1,849
Wisconsin .....	12	—	—	—	—	—	—	—	12
Wyoming .....	—	—	—	—	—	147	—	—	147
Unknown State .....	—	—	—	—	—	—	—	66	66
Foreign .....	—	—	—	1,099	1,099	—	—	—	1,099
<b>Illinois</b> .....	<b>10,765</b>	<b>14,472</b>	<b>31</b>	<b>1,524</b>	<b>16,026</b>	<b>5,599</b>	<b>10</b>	<b>25</b>	<b>32,424</b>
Alabama .....	534	578	—	314	892	—	—	—	1,426
Connecticut .....	—	—	—	—	—	*	—	—	*
Florida .....	—	6,683	—	—	6,683	—	—	—	6,683
Illinois .....	6,067	316	—	—	316	4,329	10	—	10,722
Indiana .....	2,894	737	—	—	737	375	—	—	4,006
Iowa .....	276	580	—	—	580	208	—	—	1,064
Kentucky .....	143	—	—	—	—	2	—	—	145
Louisiana .....	—	1,479	—	—	1,479	—	—	—	1,479
Minnesota .....	—	101	—	—	101	—	—	—	101
Mississippi .....	—	253	—	1,210	1,463	—	—	—	1,463
Missouri .....	580	478	—	—	478	677	—	—	1,735
Ohio .....	—	113	—	—	113	7	—	—	120
Oklahoma .....	—	1	—	—	1	—	—	—	1
Tennessee .....	119	3,151	—	—	3,151	—	—	—	3,270
West Virginia .....	—	2	—	—	2	—	—	—	2
Wisconsin .....	119	—	31	—	31	—	—	—	149
Wyoming .....	34	—	—	—	—	—	—	—	34
Unknown State .....	—	—	—	—	—	—	—	25	25
<b>Indiana</b> .....	<b>17,026</b>	<b>1,236</b>	—	—	<b>1,236</b>	<b>9,262</b>	<b>748</b>	<b>14</b>	<b>28,285</b>

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Indiana (Continued)</b>									
Illinois .....	10	55	-	-	55	5	-	-	70
Indiana .....	15,685	1,180	-	-	1,180	9,047	748	-	26,660
Iowa .....	10	-	-	-	-	-	-	-	10
Kentucky .....	981	-	-	-	-	209	-	-	1,190
Minnesota .....	62	-	-	-	-	-	-	-	62
Missouri .....	7	-	-	-	-	-	-	-	7
Oklahoma .....	-	*	-	-	*	-	-	-	*
Wisconsin .....	272	-	-	-	-	-	-	-	272
Unknown State .....	-	-	-	-	-	-	-	14	14
<b>Kansas .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>201</b>	<b>-</b>	<b>-</b>	<b>201</b>
Kansas .....	-	-	-	-	-	201	-	-	201
<b>Kentucky .....</b>	<b>87,785</b>	<b>23,960</b>	<b>1,625</b>	<b>3,757</b>	<b>29,342</b>	<b>16,224</b>	<b>-</b>	<b>406</b>	<b>133,756</b>
Alabama .....	2,112	752	-	-	752	41	-	-	2,906
Arizona .....	-	163	-	-	163	-	-	-	163
Connecticut .....	-	-	-	660	660	-	-	-	660
Delaware .....	121	-	-	-	-	-	-	-	121
District of Columbia .....	5	-	-	-	-	-	-	-	5
Florida .....	10,585	1,900	-	227	2,127	52	-	-	12,765
Georgia .....	17,106	25	-	-	25	142	-	-	17,272
Illinois .....	194	356	2	-	358	85	-	-	637
Indiana .....	963	980	-	-	980	230	-	-	2,173
Iowa .....	-	177	-	-	177	-	-	-	177
Kentucky .....	6,627	7,752	-	-	7,752	11,625	-	20	26,024
Louisiana .....	-	31	-	-	31	-	-	-	31
Maine .....	58	-	-	92	92	-	-	-	150
Maryland .....	700	153	-	-	153	-	-	-	853
Massachusetts .....	371	-	-	-	-	-	-	-	371
Michigan .....	4,709	126	901	-	1,027	87	-	-	5,823
Minnesota .....	8	163	77	-	241	*	-	-	248
Mississippi .....	795	-	-	-	-	-	-	-	795
Missouri .....	2	60	-	-	60	-	-	-	62
Nebraska .....	*	-	-	-	-	-	-	-	*
New Hampshire .....	-	-	-	11	11	-	-	-	11
New Jersey .....	226	-	-	-	-	*	-	-	226
New York .....	566	45	-	15	60	12	-	-	638
North Carolina .....	13,032	375	-	-	375	207	-	-	13,613
Ohio .....	1,795	4,131	13	-	4,145	1,161	-	-	7,101
Oklahoma .....	8	16	-	-	16	-	-	-	25
Oregon .....	5	-	-	-	-	-	-	-	5
Pennsylvania .....	214	401	-	-	401	48	-	-	663
South Carolina .....	13,427	-	-	-	-	80	-	-	13,507
Tennessee .....	7,909	5,518	-	-	5,518	356	-	-	13,783
Texas .....	126	-	-	-	-	-	-	-	126
Virginia .....	4,497	-	-	-	-	1,991	-	-	6,488
West Virginia .....	176	429	-	-	429	105	-	-	710
Wisconsin .....	426	141	291	-	431	-	-	-	857
Unknown State .....	-	-	-	-	-	-	-	386	386
Foreign .....	1,024	262	341	2,752	3,355	3	-	-	4,382
<b>Kentucky, Eastern .....</b>	<b>82,098</b>	<b>10,933</b>	<b>1,625</b>	<b>3,659</b>	<b>16,216</b>	<b>8,362</b>	<b>-</b>	<b>402</b>	<b>107,077</b>
Alabama .....	1,583	131	-	-	131	41	-	-	1,755
Arizona .....	-	163	-	-	163	-	-	-	163
Connecticut .....	-	-	-	660	660	-	-	-	660
Delaware .....	121	-	-	-	-	-	-	-	121
District of Columbia .....	5	-	-	-	-	-	-	-	5
Florida .....	10,585	-	-	227	227	52	-	-	10,865
Georgia .....	17,106	25	-	-	25	142	-	-	17,272
Illinois .....	194	253	2	-	255	17	-	-	466
Indiana .....	771	908	-	-	908	68	-	-	1,747
Iowa .....	-	30	-	-	30	-	-	-	30
Kentucky .....	3,688	2,982	-	-	2,982	4,012	-	20	10,701
Louisiana .....	-	31	-	-	31	-	-	-	31
Maine .....	58	-	-	92	92	-	-	-	150
Maryland .....	700	153	-	-	153	-	-	-	853
Massachusetts .....	371	-	-	-	-	-	-	-	371

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Kentucky, Eastern (Continued)</b>									
Michigan .....	4,709	126	901	—	1,027	87	—	—	5,823
Minnesota .....	8	148	77	—	225	*	—	—	233
Mississippi .....	795	—	—	—	—	—	—	—	795
Missouri .....	2	60	—	—	60	—	—	—	62
Nebraska .....	*	—	—	—	—	—	—	—	*
New Hampshire .....	—	—	—	11	11	—	—	—	11
New Jersey .....	226	—	—	—	—	—	—	—	226
New York .....	566	45	—	15	60	12	—	—	638
North Carolina .....	13,032	375	—	—	375	207	—	—	13,613
Ohio .....	1,795	4,068	13	—	4,081	1,161	—	—	7,037
Oklahoma .....	8	16	—	—	16	—	—	—	25
Oregon .....	5	—	—	—	—	—	—	—	5
Pennsylvania .....	214	401	—	—	401	48	—	—	663
South Carolina .....	13,427	—	—	—	—	80	—	—	13,507
Tennessee .....	6,062	198	—	—	198	336	—	—	6,596
Texas .....	126	—	—	—	—	—	—	—	126
Virginia .....	4,497	—	—	—	—	1,991	—	—	6,488
West Virginia .....	176	429	—	—	429	105	—	—	710
Wisconsin .....	246	127	291	—	417	—	—	—	664
Unknown State .....	—	—	—	—	—	—	—	382	382
Foreign .....	1,024	262	341	2,653	3,256	3	—	—	4,283
<b>Kentucky, Western .....</b>	<b>5,687</b>	<b>13,027</b>	<b>—</b>	<b>99</b>	<b>13,126</b>	<b>7,862</b>	<b>—</b>	<b>4</b>	<b>26,678</b>
Alabama .....	530	621	—	—	621	—	—	—	1,151
Florida .....	—	1,900	—	—	1,900	—	—	—	1,900
Illinois .....	—	103	—	—	103	68	—	—	171
Indiana .....	192	73	—	—	73	161	—	—	426
Iowa .....	—	147	—	—	147	—	—	—	147
Kentucky .....	2,939	4,771	—	—	4,771	7,613	—	—	15,323
Maryland .....	*	—	—	—	—	—	—	—	*
Minnesota .....	—	15	—	—	15	—	—	—	15
New Jersey .....	—	—	—	—	—	*	—	—	*
Ohio .....	—	63	—	—	63	—	—	—	63
Tennessee .....	1,847	5,320	—	—	5,320	19	—	—	7,187
Wisconsin .....	179	14	—	—	14	—	—	—	193
Unknown State .....	—	—	—	—	—	—	—	4	4
Foreign .....	—	—	—	99	99	—	—	—	99
<b>Louisiana .....</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>770</b>	<b>2,926</b>	<b>—</b>	<b>3,704</b>
Louisiana .....	—	—	—	—	—	770	2,926	—	3,696
Oklahoma .....	—	9	—	—	9	—	—	—	9
<b>Maryland .....</b>	<b>321</b>	<b>—</b>	<b>—</b>	<b>221</b>	<b>221</b>	<b>4,187</b>	<b>—</b>	<b>8</b>	<b>4,738</b>
Connecticut .....	—	—	—	14	14	—	—	—	14
Delaware .....	97	—	—	—	—	—	—	—	97
Maryland .....	224	—	—	—	—	1,116	—	—	1,340
New Jersey .....	—	—	—	5	5	—	—	—	5
Virginia .....	—	—	—	—	—	431	—	—	431
West Virginia .....	—	—	—	—	—	2,640	—	—	2,640
Unknown State .....	—	—	—	—	—	—	—	8	8
Foreign .....	—	—	—	203	203	—	—	—	203
<b>Mississippi .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>—</b>	<b>11</b>
Mississippi .....	—	—	—	—	—	—	11	—	11
<b>Missouri .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>436</b>	<b>—</b>	<b>—</b>	<b>436</b>
Kansas .....	—	—	—	—	—	188	—	—	188
Missouri .....	—	—	—	—	—	249	—	—	249
<b>Montana .....</b>	<b>22,221</b>	<b>—</b>	<b>6,536</b>	<b>—</b>	<b>6,536</b>	<b>413</b>	<b>9,173</b>	<b>—</b>	<b>38,343</b>
Arizona .....	198	—	—	—	—	—	—	—	198
Illinois .....	2,552	—	—	—	—	—	—	—	2,552
Indiana .....	1,011	—	—	—	—	—	—	—	1,011
Kansas .....	1,464	—	—	—	—	—	—	—	1,464
Michigan .....	2,855	—	6,384	—	6,384	—	—	—	9,239
Minnesota .....	10,771	—	—	—	—	—	—	—	10,771
Mississippi .....	151	—	—	—	—	—	—	—	151

See footnotes at end of table.



**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Montana (Continued)</b>									
Montana .....	137	-	-	-	-	413	9,173	-	9,723
North Dakota .....	145	-	-	-	-	-	-	-	145
Ohio .....	-	-	153	-	153	-	-	-	153
Washington .....	1,685	-	-	-	-	-	-	-	1,685
Wisconsin .....	578	-	-	-	-	-	-	-	578
Wyoming .....	64	-	-	-	-	-	-	-	64
Foreign .....	608	-	-	-	-	-	-	-	608
<b>New Mexico .....</b>	<b>20,076</b>	-	-	-	-	<b>5</b>	<b>7,051</b>	<b>4</b>	<b>27,136</b>
Arizona .....	9,900	-	-	-	-	-	-	-	9,900
California .....	63	-	-	-	-	-	-	-	63
Kansas .....	15	-	-	-	-	-	-	-	15
New Mexico .....	9,423	-	-	-	-	5	7,051	4	16,483
Oklahoma .....	105	-	-	-	-	-	-	-	105
Texas .....	519	-	-	-	-	-	-	-	519
Wisconsin .....	51	-	-	-	-	-	-	-	51
<b>North Dakota .....</b>	<b>448</b>	-	-	-	-	<b>4,427</b>	<b>26,273</b>	-	<b>31,148</b>
Montana .....	1	-	-	-	-	-	-	-	1
North Dakota .....	447	-	-	-	-	4,427	26,273	-	31,147
<b>Ohio .....</b>	<b>2,604</b>	<b>5,540</b>	<b>6</b>	<b>2</b>	<b>5,548</b>	<b>7,805</b>	<b>6,484</b>	<b>20</b>	<b>22,461</b>
Alabama .....	-	*	-	-	*	-	-	-	*
Florida .....	-	134	-	-	134	3	-	-	137
Illinois .....	-	-	-	-	-	5	-	-	5
Indiana .....	2	59	-	-	59	89	-	-	150
Kentucky .....	-	74	-	-	74	-	-	-	74
Michigan .....	-	-	-	-	-	256	-	-	256
Mississippi .....	-	*	-	-	*	-	-	-	*
New York .....	-	10	-	-	10	1	-	-	10
Ohio .....	2,478	3,582	-	-	3,582	7,173	6,484	-	19,717
Pennsylvania .....	22	280	-	-	280	278	-	-	579
West Virginia .....	-	1,401	-	-	1,401	-	-	-	1,401
Wisconsin .....	-	-	*	-	*	-	-	-	*
Unknown State .....	-	-	-	-	-	-	-	20	20
Foreign .....	103	-	6	2	8	-	-	-	111
<b>Oklahoma .....</b>	-	-	-	-	-	<b>1,588</b>	-	-	<b>1,588</b>
Arkansas .....	-	-	-	-	-	43	-	-	43
Kansas .....	-	-	-	-	-	133	-	-	133
Missouri .....	-	-	-	-	-	1	-	-	1
Oklahoma .....	-	-	-	-	-	1,306	-	-	1,306
Texas .....	-	-	-	-	-	104	-	-	104
<b>Pennsylvania .....</b>	<b>25,417</b>	<b>21,501</b>	<b>2,197</b>	<b>5,174</b>	<b>28,872</b>	<b>19,546</b>	<b>768</b>	<b>298</b>	<b>74,901</b>
Alabama .....	*	495	-	-	495	*	-	-	496
Alaska .....	*	-	-	-	-	-	-	-	*
Arizona .....	1	-	-	-	-	-	-	-	1
Arkansas .....	*	-	-	-	-	2	-	-	2
California .....	-	-	-	-	-	*	-	-	*
Colorado .....	14	3	-	-	3	*	-	-	17
Connecticut .....	83	-	-	-	-	4	-	-	86
Delaware .....	487	-	-	-	-	1	-	-	488
Florida .....	481	170	-	-	170	12	-	-	663
Georgia .....	*	-	-	-	-	*	-	-	*
Hawaii .....	-	-	-	*	*	-	-	-	*
Illinois .....	3	15	-	-	15	*	-	-	19
Indiana .....	*	67	-	-	67	15	-	-	82
Iowa .....	16	148	-	-	148	-	-	-	164
Kansas .....	1	-	-	-	-	-	-	-	1
Kentucky .....	61	1,895	-	-	1,895	34	-	-	1,991
Louisiana .....	*	13	-	-	13	*	-	-	13
Maine .....	*	-	-	-	-	30	-	-	30
Maryland .....	2,608	-	-	-	-	399	-	-	3,007
Massachusetts .....	125	-	-	14	14	38	-	-	177
Michigan .....	2,535	533	250	-	783	1	-	-	3,319
Minnesota .....	*	-	-	-	-	*	-	-	*

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Pennsylvania (Continued)</b>									
Mississippi .....	*	-	-	-	-	-	-	-	*
Missouri .....	*	-	-	-	-	2	-	-	2
Montana .....	2	-	-	-	-	-	-	-	2
Nebraska .....	1	-	-	-	-	-	-	-	1
New Hampshire .....	680	-	-	-	-	4	-	-	684
New Jersey .....	643	-	-	137	137	14	-	-	794
New Mexico .....	-	-	-	-	-	*	-	-	*
New York .....	4,397	38	-	-	38	555	-	-	4,990
North Carolina .....	*	-	-	-	-	5	-	-	5
North Dakota .....	-	-	-	-	-	*	-	-	*
Ohio .....	1,246	3,604	149	-	3,753	319	-	-	5,318
Oklahoma .....	*	-	-	-	-	-	-	-	*
Oregon .....	4	-	-	-	-	*	-	-	4
Pennsylvania .....	10,847	5,002	-	-	5,002	17,281	768	42	33,940
Rhode Island .....	-	-	-	-	-	2	-	-	2
South Carolina .....	24	-	-	-	-	25	-	-	49
Tennessee .....	*	864	-	-	864	*	-	-	864
Texas .....	3	-	-	-	-	9	-	-	12
Utah .....	20	-	-	-	-	9	-	-	29
Vermont .....	*	-	-	-	-	1	-	-	1
Virginia .....	29	-	-	-	-	521	-	-	550
Washington .....	-	-	-	-	-	*	-	-	*
West Virginia .....	13	7,816	-	-	7,816	235	-	-	8,064
Wisconsin .....	299	17	634	-	651	5	-	-	955
Wyoming .....	1	-	-	-	-	-	-	-	1
Unknown State .....	-	-	-	-	-	-	-	256	256
Foreign .....	794	819	1,164	5,022	7,005	23	-	-	7,823
<b>Pennsylvania Anthracite .....</b>	<b>591</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>12</b>	<b>3,516</b>	<b>-</b>	<b>157</b>	<b>4,276</b>
Alabama .....	*	-	-	-	-	*	-	-	*
Alaska .....	*	-	-	-	-	-	-	-	*
Arizona .....	1	-	-	-	-	-	-	-	1
Arkansas .....	*	-	-	-	-	2	-	-	2
California .....	-	-	-	-	-	*	-	-	*
Colorado .....	14	-	-	-	-	*	-	-	14
Connecticut .....	-	-	-	-	-	4	-	-	4
Delaware .....	*	-	-	-	-	1	-	-	1
Florida .....	*	-	-	-	-	*	-	-	*
Georgia .....	*	-	-	-	-	*	-	-	*
Hawaii .....	-	-	-	*	*	-	-	-	*
Illinois .....	3	-	-	-	-	*	-	-	3
Indiana .....	*	-	-	-	-	15	-	-	15
Iowa .....	16	-	-	-	-	-	-	-	16
Kansas .....	1	-	-	-	-	-	-	-	1
Kentucky .....	2	-	-	-	-	34	-	-	36
Louisiana .....	*	-	-	-	-	*	-	-	*
Maine .....	*	-	-	-	-	3	-	-	3
Maryland .....	109	-	-	-	-	2	-	-	112
Massachusetts .....	*	-	-	-	-	9	-	-	9
Michigan .....	*	-	-	-	-	1	-	-	1
Minnesota .....	*	-	-	-	-	*	-	-	*
Mississippi .....	*	-	-	-	-	-	-	-	*
Missouri .....	*	-	-	-	-	2	-	-	2
Montana .....	2	-	-	-	-	-	-	-	2
Nebraska .....	1	-	-	-	-	-	-	-	1
New Hampshire .....	*	-	-	-	-	4	-	-	4
New Jersey .....	*	-	-	-	-	14	-	-	14
New Mexico .....	-	-	-	-	-	*	-	-	*
New York .....	1	-	-	-	-	40	-	-	41
North Carolina .....	*	-	-	-	-	5	-	-	5
North Dakota .....	-	-	-	-	-	*	-	-	*
Ohio .....	*	-	-	-	-	24	-	-	24
Oklahoma .....	*	-	-	-	-	-	-	-	*
Oregon .....	4	-	-	-	-	-	-	-	4
Pennsylvania .....	212	-	-	-	-	3,230	-	-	3,443
Rhode Island .....	-	-	-	-	-	2	-	-	2
South Carolina .....	24	-	-	-	-	25	-	-	49

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Pennsylvania Anthracite (Continued)</b>									
Tennessee.....	*	-	-	-	-	*	-	-	*
Texas.....	3	-	-	-	-	9	-	-	12
Utah.....	-	-	-	-	-	*	-	-	*
Vermont.....	*	-	-	-	-	1	-	-	1
Virginia.....	*	-	-	-	-	4	-	-	4
West Virginia.....	2	-	-	-	-	56	-	-	57
Wisconsin.....	3	-	-	-	-	5	-	-	8
Wyoming.....	1	-	-	-	-	-	-	-	1
Unknown State.....	-	-	-	-	-	-	-	157	157
Foreign.....	190	-	-	12	12	23	-	-	225
<b>Pennsylvania Bituminous.....</b>	<b>24,826</b>	<b>21,501</b>	<b>2,197</b>	<b>5,162</b>	<b>28,860</b>	<b>16,030</b>	<b>768</b>	<b>141</b>	<b>70,625</b>
Alabama.....	-	495	-	-	495	-	-	-	495
Colorado.....	-	3	-	-	3	-	-	-	3
Connecticut.....	83	-	-	-	-	-	-	-	83
Delaware.....	487	-	-	-	-	*	-	-	487
Florida.....	480	170	-	-	170	12	-	-	662
Illinois.....	-	15	-	-	15	-	-	-	15
Indiana.....	-	67	-	-	67	-	-	-	67
Iowa.....	-	148	-	-	148	-	-	-	148
Kentucky.....	60	1,895	-	-	1,895	-	-	-	1,955
Louisiana.....	-	13	-	-	13	-	-	-	13
Maine.....	-	-	-	-	-	27	-	-	27
Maryland.....	2,498	-	-	-	-	397	-	-	2,895
Massachusetts.....	125	-	-	14	14	29	-	-	168
Michigan.....	2,535	533	250	-	783	-	-	-	3,318
Minnesota.....	-	-	-	-	-	*	-	-	*
New Hampshire.....	680	-	-	-	-	*	-	-	680
New Jersey.....	643	-	-	137	137	-	-	-	780
New York.....	4,396	38	-	-	38	515	-	-	4,949
Ohio.....	1,245	3,604	149	-	3,753	295	-	-	5,294
Oregon.....	-	-	-	-	-	*	-	-	*
Pennsylvania.....	10,635	5,002	-	-	5,002	14,050	768	42	30,497
Tennessee.....	-	864	-	-	864	-	-	-	864
Texas.....	-	-	-	-	-	*	-	-	*
Utah.....	20	-	-	-	-	9	-	-	29
Vermont.....	-	-	-	-	-	*	-	-	*
Virginia.....	29	-	-	-	-	517	-	-	546
Washington.....	-	-	-	-	-	*	-	-	*
West Virginia.....	11	7,816	-	-	7,816	179	-	-	8,007
Wisconsin.....	296	17	634	-	651	-	-	-	947
Unknown State.....	-	-	-	-	-	-	-	99	99
Foreign.....	604	819	1,164	5,010	6,994	-	-	-	7,598
<b>Tennessee.....</b>	<b>2,098</b>	-	-	<b>27</b>	<b>27</b>	<b>516</b>	-	<b>24</b>	<b>2,665</b>
Alabama.....	70	-	-	-	-	8	-	-	78
Arkansas.....	41	-	-	-	-	-	-	-	41
Georgia.....	850	-	-	-	-	10	-	-	860
Kentucky.....	-	-	-	-	-	114	-	-	114
New York.....	4	-	-	-	-	*	-	-	4
North Carolina.....	17	-	-	-	-	*	-	-	17
Ohio.....	2	-	-	-	-	*	-	-	2
Oregon.....	3	-	-	-	-	-	-	-	3
Pennsylvania.....	19	-	-	-	-	-	-	-	19
South Carolina.....	350	-	-	-	-	-	-	-	350
Tennessee.....	720	-	-	-	-	380	-	-	1,100
Virginia.....	-	-	-	-	-	4	-	-	4
West Virginia.....	1	-	-	-	-	-	-	-	1
Unknown State.....	-	-	-	-	-	-	-	24	24
Foreign.....	22	-	-	27	27	-	-	-	50
<b>Texas.....</b>	<b>21,866</b>	<b>22</b>	-	<b>43</b>	<b>64</b>	<b>13,355</b>	<b>13,591</b>	-	<b>48,877</b>
Georgia.....	25	-	-	-	-	-	-	-	25
Illinois.....	-	4	-	-	4	-	-	-	4
New York.....	-	-	-	-	-	8	-	-	8
Ohio.....	-	12	-	-	12	-	-	-	12
Pennsylvania.....	14	-	-	-	-	22	-	-	36

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>Texas (Continued)</b>									
Texas.....	21,817	-	-	-	-	13,325	13,591	-	48,733
Wisconsin.....	-	2	-	-	2	-	-	-	2
Foreign.....	10	3	-	43	46	*	-	-	56
<b>Utah.....</b>	<b>15,776</b>	-	-	<b>3,073</b>	<b>3,073</b>	<b>5,103</b>	<b>3,995</b>	<b>9</b>	<b>27,956</b>
Arizona.....	25	-	-	-	-	-	4	-	28
California.....	5,466	-	-	-	-	25	-	-	5,492
Colorado.....	-	-	-	-	-	3	-	-	3
Idaho.....	150	-	-	-	-	83	-	-	233
Illinois.....	772	-	-	-	-	-	-	-	772
Indiana.....	20	-	-	-	-	-	-	-	20
Maryland.....	13	-	-	-	-	-	-	-	13
Missouri.....	327	-	-	-	-	-	-	-	327
Nebraska.....	-	-	-	-	-	21	-	-	21
Nevada.....	3,463	-	-	-	-	20	-	-	3,483
New Jersey.....	22	-	-	-	-	-	-	-	22
New Mexico.....	-	-	-	-	-	*	-	-	*
Oregon.....	234	-	-	-	-	*	-	-	234
Pennsylvania.....	58	-	-	-	-	-	-	-	58
Tennessee.....	1,305	-	-	-	-	-	-	-	1,305
Texas.....	278	-	-	-	-	-	-	-	278
Utah.....	3,388	-	-	-	-	4,950	3,991	-	12,329
Virginia.....	118	-	-	-	-	-	-	-	118
Washington.....	102	-	-	-	-	1	-	-	103
Wisconsin.....	34	-	-	-	-	-	-	-	34
Wyoming.....	-	-	-	-	-	*	-	-	*
Unknown State.....	-	-	-	-	-	-	-	9	9
Foreign.....	-	-	-	3,073	3,073	-	-	-	3,073
<b>Virginia.....</b>	<b>19,256</b>	<b>1,625</b>	<b>166</b>	<b>9,725</b>	<b>11,516</b>	<b>2,233</b>	<b>1,009</b>	<b>177</b>	<b>34,190</b>
Alabama.....	507	-	-	-	-	-	-	-	507
Connecticut.....	4	-	-	-	-	-	-	-	4
Delaware.....	193	-	-	-	-	-	-	-	193
Florida.....	162	-	-	-	-	-	-	-	162
Georgia.....	5,216	-	-	-	-	-	-	-	5,216
Illinois.....	24	1	-	-	1	-	-	-	25
Indiana.....	1,511	1,040	-	-	1,040	-	-	-	2,551
Kentucky.....	11	42	-	-	42	*	-	-	53
Maryland.....	24	-	-	-	-	*	-	-	24
Massachusetts.....	14	-	-	-	-	-	-	-	14
Michigan.....	46	13	-	-	13	*	-	-	60
New Jersey.....	-	-	-	599	599	-	-	-	599
New York.....	98	-	-	-	-	-	-	-	98
North Carolina.....	772	-	-	-	-	33	-	-	806
Ohio.....	335	511	-	-	511	-	-	-	846
Oklahoma.....	25	-	-	-	-	-	-	-	25
Pennsylvania.....	693	-	-	-	-	106	-	-	799
South Carolina.....	481	-	-	-	-	8	-	-	490
Tennessee.....	2,813	-	-	-	-	60	-	-	2,873
Texas.....	12	-	-	-	-	*	-	-	12
Utah.....	119	-	-	-	-	-	-	-	119
Virginia.....	5,631	-	-	-	-	2,023	1,009	76	8,739
West Virginia.....	370	16	-	-	16	1	-	-	386
Wisconsin.....	83	*	-	-	*	-	-	-	83
Unknown State.....	-	-	-	-	-	-	-	101	101
Foreign.....	113	1	166	9,126	9,293	-	-	-	9,406
<b>Washington.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,270</b>	<b>-</b>	<b>4,270</b>
Washington.....	-	-	-	-	-	-	4,270	-	4,270
<b>West Virginia.....</b>	<b>75,483</b>	<b>45,542</b>	<b>9,476</b>	<b>20,240</b>	<b>75,258</b>	<b>8,673</b>	<b>550</b>	<b>1,488</b>	<b>161,452</b>
Alabama.....	1,107	180	-	-	180	217	-	-	1,504
Connecticut.....	111	-	-	682	682	*	-	-	793
Delaware.....	728	37	-	-	37	-	-	-	765
District of Columbia.....	2	-	-	-	-	-	-	-	2
Florida.....	1,523	227	-	2,155	2,382	-	-	-	3,905
Georgia.....	2,306	-	-	-	-	-	-	-	2,306

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>West Virginia (Continued)</b>									
Illinois .....	1,502	463	-	-	463	177	-	-	2,141
Indiana .....	6,696	1,624	-	-	1,624	-	-	-	8,320
Iowa .....	21	100	-	-	100	-	-	-	120
Kentucky .....	1,778	6,498	-	-	6,498	1,110	-	-	9,386
Louisiana .....	-	130	-	-	130	-	-	-	130
Maryland .....	6,123	9	-	1,243	1,252	124	-	-	7,500
Massachusetts .....	85	-	-	290	290	2	-	-	377
Michigan .....	3,555	222	2,185	-	2,407	15	-	-	5,977
Minnesota .....	-	42	-	-	42	-	-	-	42
Mississippi .....	37	3	-	-	3	-	-	-	40
Missouri .....	-	87	-	-	87	-	-	-	87
New Hampshire .....	85	-	-	-	-	-	-	-	85
New Jersey .....	1,242	-	-	703	703	-	-	-	1,945
New York .....	4,264	27	-	-	27	82	-	-	4,373
North Carolina .....	14,541	50	-	-	50	41	-	-	14,631
Ohio .....	4,632	18,616	-	-	18,616	1,132	-	-	24,381
Oregon .....	8	-	-	-	-	-	-	-	8
Pennsylvania .....	8,220	8,358	-	15	8,373	845	-	-	17,438
South Carolina .....	391	-	-	-	-	-	-	-	391
Tennessee .....	51	640	-	-	640	13	-	-	703
Texas .....	-	7	-	-	7	-	-	-	7
Utah .....	277	-	-	-	-	-	-	-	277
Virginia .....	5,200	1	-	220	221	503	39	-	5,964
West Virginia .....	9,534	8,197	-	-	8,197	4,412	511	9	22,664
Wisconsin .....	363	6	129	-	135	-	-	-	498
Unknown State .....	-	-	-	-	-	-	-	1,479	1,479
Foreign .....	1,101	17	7,162	14,932	22,111	-	-	-	23,212
<b>West Virginia, Northern .....</b>	<b>15,390</b>	<b>15,307</b>	<b>1,457</b>	<b>3,431</b>	<b>20,196</b>	<b>3,693</b>	<b>27</b>	<b>83</b>	<b>39,389</b>
Alabama .....	21	110	-	-	110	-	-	-	131
Connecticut .....	101	-	-	682	682	*	-	-	783
Delaware .....	247	-	-	-	-	-	-	-	247
Florida .....	1,349	-	-	-	-	-	-	-	1,349
Indiana .....	839	652	-	-	652	-	-	-	1,491
Kentucky .....	509	2,578	-	-	2,578	-	-	-	3,087
Louisiana .....	-	90	-	-	90	-	-	-	90
Maryland .....	2,804	-	-	735	735	124	-	-	3,663
Michigan .....	419	-	7	-	7	-	-	-	427
Mississippi .....	-	3	-	-	3	-	-	-	3
New Hampshire .....	80	-	-	-	-	-	-	-	80
New Jersey .....	790	-	-	508	508	-	-	-	1,299
New York .....	2,956	-	-	-	-	2	-	-	2,958
Ohio .....	2,249	3,207	-	-	3,207	26	-	-	5,482
Pennsylvania .....	2,423	5,554	-	-	5,554	661	-	-	8,638
Virginia .....	184	1	-	-	1	444	-	-	629
West Virginia .....	289	3,112	-	-	3,112	2,436	27	*	5,865
Wisconsin .....	1	-	75	-	75	-	-	-	76
Unknown State .....	-	-	-	-	-	-	-	83	83
Foreign .....	129	-	1,375	1,507	2,882	-	-	-	3,010
<b>West Virginia, Southern .....</b>	<b>60,093</b>	<b>30,234</b>	<b>8,019</b>	<b>16,809</b>	<b>55,062</b>	<b>4,980</b>	<b>523</b>	<b>1,405</b>	<b>122,063</b>
Alabama .....	1,086	71	-	-	71	217	-	-	1,373
Connecticut .....	10	-	-	-	-	-	-	-	10
Delaware .....	481	37	-	-	37	-	-	-	518
District of Columbia .....	2	-	-	-	-	-	-	-	2
Florida .....	174	227	-	2,155	2,382	-	-	-	2,556
Georgia .....	2,306	-	-	-	-	-	-	-	2,306
Illinois .....	1,502	463	-	-	463	177	-	-	2,141
Indiana .....	5,857	972	-	-	972	-	-	-	6,829
Iowa .....	21	100	-	-	100	-	-	-	120
Kentucky .....	1,270	3,920	-	-	3,920	1,110	-	-	6,299
Louisiana .....	-	40	-	-	40	-	-	-	40
Maryland .....	3,320	9	-	509	517	-	-	-	3,837
Massachusetts .....	85	-	-	290	290	2	-	-	377
Michigan .....	3,136	222	2,178	-	2,400	15	-	-	5,550
Minnesota .....	-	42	-	-	42	-	-	-	42
Mississippi .....	37	-	-	-	-	-	-	-	37

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**  
**(Continued)**  
(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>West Virginia, Southern (Continued)</b>									
Missouri .....	-	87	-	-	87	-	-	-	87
New Hampshire .....	5	-	-	-	-	-	-	-	5
New Jersey .....	452	-	-	195	195	-	-	-	647
New York .....	1,308	27	-	-	27	80	-	-	1,415
North Carolina .....	14,541	50	-	-	50	41	-	-	14,631
Ohio .....	2,383	15,409	-	-	15,409	1,107	-	-	18,899
Oregon .....	8	-	-	-	-	-	-	-	8
Pennsylvania .....	5,796	2,804	-	15	2,819	184	-	-	8,799
South Carolina .....	391	-	-	-	-	-	-	-	391
Tennessee .....	51	640	-	-	640	13	-	-	703
Texas .....	-	7	-	-	7	-	-	-	7
Utah .....	277	-	-	-	-	-	-	-	277
Virginia .....	5,016	-	-	220	220	60	39	-	5,335
West Virginia .....	9,245	5,085	-	-	5,085	1,976	483	9	16,799
Wisconsin .....	362	6	54	-	60	-	-	-	422
Unknown State .....	-	-	-	-	-	-	-	1,396	1,396
Foreign .....	972	17	5,787	13,425	19,229	-	-	-	20,202
<b>Wyoming .....</b>	<b>306,253</b>	<b>10,039</b>	<b>2,804</b>	<b>1,929</b>	<b>14,772</b>	<b>2,329</b>	<b>11,423</b>	<b>4,353</b>	<b>339,129</b>
Alabama .....	11,334	-	-	-	-	-	-	-	11,334
Arizona .....	1,898	-	-	-	-	-	-	-	1,898
Arkansas .....	13,699	-	-	-	-	-	-	-	13,699
Colorado .....	9,165	-	-	-	-	-	-	-	9,165
Connecticut .....	10	-	-	-	-	-	-	-	10
Florida .....	104	-	-	-	-	-	-	-	104
Georgia .....	6,928	-	-	-	-	-	-	-	6,928
Idaho .....	184	-	-	-	-	31	-	-	215
Illinois .....	27,066	1,501	-	-	1,501	-	-	-	28,567
Indiana .....	8,123	7,815	-	-	7,815	-	-	-	15,938
Iowa .....	19,173	-	-	-	-	-	-	-	19,173
Kansas .....	13,600	-	-	-	-	-	-	-	13,600
Kentucky .....	895	723	-	-	723	-	-	-	1,618
Louisiana .....	11,058	-	-	-	-	-	-	-	11,058
Michigan .....	9,718	-	91	-	91	-	-	-	9,809
Minnesota .....	9,859	-	1,019	-	1,019	-	-	-	10,879
Mississippi .....	306	-	-	-	-	-	-	-	306
Missouri .....	32,300	-	-	-	-	-	-	-	32,300
Montana .....	729	-	-	-	-	*	-	-	729
Nebraska .....	11,041	-	-	-	-	-	-	-	11,041
New Hampshire .....	17	-	-	-	-	-	-	-	17
New York .....	20	-	-	-	-	-	-	-	20
North Carolina .....	152	-	-	-	-	-	-	-	152
North Dakota .....	208	-	-	-	-	-	-	-	208
Ohio .....	2,697	-	-	-	-	-	-	-	2,697
Oklahoma .....	18,014	-	-	-	-	-	-	-	18,014
Oregon .....	1,845	-	-	-	-	-	-	-	1,845
Pennsylvania .....	4,316	-	-	-	-	-	-	-	4,316
South Carolina .....	247	-	-	-	-	-	-	-	247
South Dakota .....	590	-	-	-	-	455	-	-	1,046
Tennessee .....	3,291	-	-	-	-	-	-	-	3,291
Texas .....	49,346	-	-	-	-	-	-	-	49,346
Utah .....	260	-	-	-	-	*	-	-	260
Washington .....	*	-	-	-	-	-	-	-	*
West Virginia .....	4,198	-	-	-	-	-	-	-	4,198
Wisconsin .....	24,038	-	-	-	-	-	-	-	24,038
Wyoming .....	8,667	-	-	-	-	1,842	11,423	-	21,931
Unknown State .....	-	-	-	-	-	-	-	4,353	4,353
Foreign .....	1,158	-	1,693	1,929	3,622	-	-	-	4,780
<b>U.S. Total .....</b>	<b>665,920</b>	<b>130,996</b>	<b>22,841</b>	<b>52,354</b>	<b>206,191</b>	<b>109,959</b>	<b>92,992</b>	<b>6,892</b>	<b>1,081,954</b>
Alabama .....	21,718	6,918	-	314	7,232	3,715	-	-	32,665
Alaska .....	616	-	-	-	-	231	-	-	847
Arizona .....	21,371	163	-	-	163	*	4	-	21,538
Arkansas .....	14,037	-	-	-	-	62	-	-	14,099
California .....	5,665	-	-	-	-	25	-	-	5,691
Colorado .....	19,306	3	-	-	3	3,338	-	-	22,646
Connecticut .....	207	-	-	1,355	1,355	4	-	-	1,566

See footnotes at end of table.

**Table 65. Distribution of U.S. Coal by Origin, Destination, and Method of Transportation, 2000**

(Continued)

(Thousand Short Tons)

Origin State and Destination State	Railroad	Water				Truck	Tramway, Conveyor, and Slurry Pipeline	Unknown	Total
		River	Great Lakes	Tidewater	Total				
<b>U.S. Total (Continued)</b>									
Delaware.....	1,627	37	-	-	37	1	-	-	1,664
District of Columbia.....	7	-	-	-	-	-	-	-	7
Florida.....	12,854	9,114	-	2,382	11,497	67	-	-	24,418
Georgia.....	32,563	25	-	-	25	151	-	-	32,739
Hawaii.....	-	-	-	*	*	-	-	-	*
Idaho.....	334	-	-	-	-	114	-	-	448
Illinois.....	39,435	3,413	2	-	3,415	4,602	10	-	47,461
Indiana.....	37,469	13,514	-	-	13,514	9,756	748	-	61,487
Iowa.....	19,889	1,005	-	-	1,005	208	-	-	21,102
Kansas.....	15,798	-	-	-	-	522	-	-	16,320
Kentucky.....	12,960	16,985	-	-	16,985	13,094	-	20	43,059
Louisiana.....	11,058	1,654	-	-	1,654	770	2,926	-	16,408
Maine.....	58	-	-	92	92	30	-	-	180
Maryland.....	9,691	162	-	1,243	1,405	1,640	-	-	12,737
Massachusetts.....	596	-	-	304	304	40	-	-	940
Michigan.....	23,419	894	9,811	-	10,705	359	-	-	34,483
Minnesota.....	20,700	307	1,096	-	1,403	*	-	-	22,104
Mississippi.....	1,842	256	-	1,210	1,466	-	11	-	3,319
Missouri.....	33,905	1,516	-	-	1,516	937	-	-	36,358
Montana.....	869	-	-	-	-	414	9,173	-	10,455
Nebraska.....	11,168	-	-	-	-	21	-	-	11,189
Nevada.....	3,463	-	-	-	-	20	4,711	-	8,195
New Hampshire.....	783	-	-	11	11	4	-	-	798
New Jersey.....	2,132	-	-	1,444	1,444	14	-	-	3,590
New Mexico.....	9,423	-	-	-	-	105	7,051	4	16,582
New York.....	9,349	121	-	15	135	657	-	-	10,141
North Carolina.....	28,514	425	-	-	425	286	-	-	29,224
North Dakota.....	800	-	-	-	-	4,427	26,273	-	31,500
Ohio.....	13,184	30,570	316	-	30,886	9,792	6,484	-	60,346
Oklahoma.....	18,223	26	-	-	26	1,306	-	-	19,555
Oregon.....	2,098	-	-	-	-	*	-	-	2,098
Pennsylvania.....	24,609	14,041	-	15	14,056	18,580	768	42	58,054
Rhode Island.....	-	-	-	-	-	2	-	-	2
South Carolina.....	14,921	-	-	-	-	113	-	-	15,034
South Dakota.....	590	-	-	-	-	455	-	-	1,046
Tennessee.....	16,791	10,710	-	-	10,710	809	-	-	28,311
Texas.....	74,441	7	-	-	7	13,440	13,591	-	101,480
Utah.....	5,913	-	-	-	-	4,959	3,991	-	14,863
Vermont.....	*	-	-	-	-	1	-	-	1
Virginia.....	15,475	1	-	220	221	5,473	1,048	76	22,294
Washington.....	1,787	-	-	-	-	1	4,270	-	6,058
West Virginia.....	14,291	17,861	-	-	17,861	7,393	511	9	40,065
Wisconsin.....	26,274	165	1,084	-	1,249	5	-	-	27,528
Wyoming.....	8,766	-	-	-	-	1,989	11,423	-	22,178
Unknown State.....	-	-	-	-	-	-	-	6,741	6,741
Foreign.....	4,933	1,104	10,532	43,747	55,383	26	-	-	60,342

\* Data round to zero.

Note: Totals may not equal sum of components due to independent rounding.

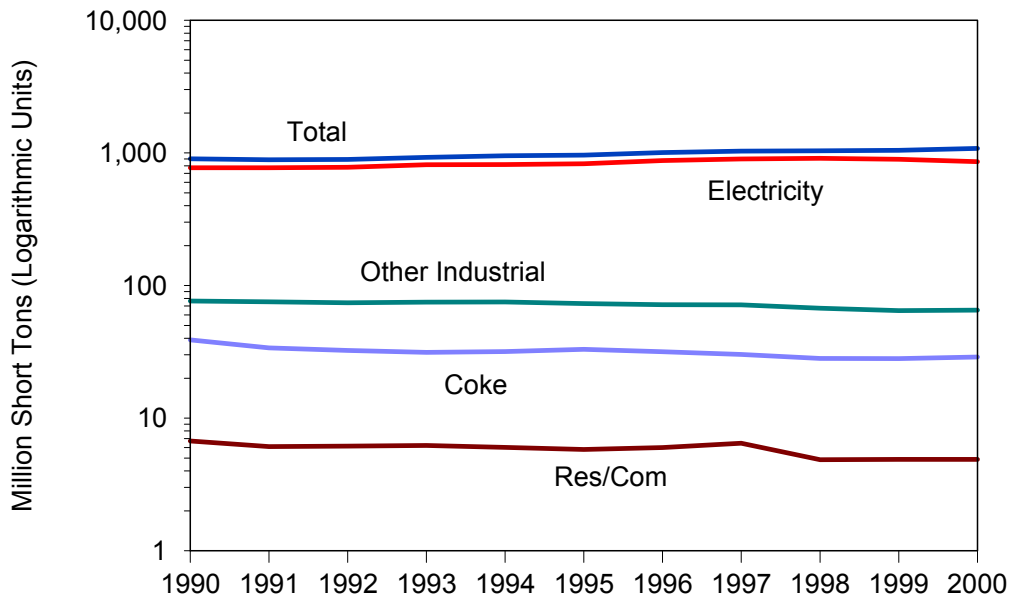
Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

# Demand



# Domestic Markets

**Figure 9. U.S. Coal Consumption, 1990-2000**



Note: Total consumption does not include coal consumed by other power producers.  
 Sources: Energy Information Administration, • Electric Utilities: Form EIA-759, "Monthly Power Plant Report." • Coke Plants: Form EIA-5, "Coke Plant Report – Quarterly." • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report." • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

**Table 66. Major U.S. Coal Consumers, 2000**

Rank	Company Name	Plant Locations
<b>Electric Utilities</b>		
1	Tennessee Valley Authority	(AL) (KY) (TN)
2	Texas Utilities Electric Company	(TX)
3	Georgia Power Company	(GA)
4	Pacificorp	(UT) (WA) (WY)
5	Alabama Power Company	(AL)
6	Detroit Edison Company (The)	(MI)
7	Ameren UE	(MO)
8	Reliant Energy	(TX)
9	Basin Electric Power	(ND) (WY)
10	PSI Energy, Inc	(IN)
11	Duke Power Company	(NC) (SC)
12	Ohio Power Company	(OH) (WV)
13	Virginia Electric & Power Company	(VA) (WV)
14	Northern States Power Company	(MN) (WI)
15	Monongahela Power Company	(WV)
16	Southwestern Electric Power Company	(AR) (TX)
17	Appalachian Power Company	(VA) (WV)
18	Midamerican Energy	(IA)
19	Arkansas Power & Light Company	(AR)
20	Carolina Power & Light Company	(NC) (SC)
21	Indiana Michigan Power Company	(IN)
22	Arizona Public Service Company	(AZ) (NM)
23	Wisconsin Electric Power Company	(MI) (WI)
24	KPL - Western Resources	(KS)
25	Salt River Project	(AZ)
26	Cincinnati Gas Electric Company	(KY) (OH)
27	Public Service Company of Colorado	(CO)
28	Oklahoma Gas & Electric Company	(OK)
29	Kansas City Power & Light Company	(KS) (MO)
30	Southwestern Public Service Company	(TX)
31	Northern Indiana Public Service Company	(IN)
32	Associated Electric Coop	(MO)
33	Consumers Power Company	(MI)
34	Dayton Power & Light Company (The)	(OH)
35	Indianapolis Power & Light Company	(IN)
36	Kentucky Utilities Company	(KY)
37	Cooperative Power Association	(ND)
38	Tampa Electric Company	(FL)
39	Wisconsin Power & Light Company	(WI)
40	South Carolina Public Service Authority	(SC)
41	Louisville Gas & Electric Company	(KY)
42	Lower Colorado River Authority	(TX)
43	Central Illinois Public Service Company	(IL)
44	Public Service Company of New Mexico	(NM)
45	Pennsylvania Power & Light Company	(PA)
46	Scana Corporation	(SC)
47	Tri-State G & T Association Inc	(CO)
48	Ohio Edison Company	(OH)
49	Central Louisiana Electric Company	(LA)
50	San Antonio Public Service Board	(TX)
51	Nebraska Public Power Dististribution	(NE)
52	Potomac Electric Power Company	(MD) (VA)
53	Florida Power Corporation	(FL)
54	Los Angeles (City of)	(UT)
55	Mississippi Power Company	(MS)
56	I E S Utilities Company	(IA)
57	Electric Energy Inc	(IL)
58	Columbus Southern Power Company	(OH)
59	Southern California Edison Company	(NV)
60	Otter Tail Power Co	(MN)(ND)(SD)
61	Omaha Public Power District	(NE)
62	Cardinal Operating Co	(OH)
63	Minnkota Power Coop Inc	(ND)
64	Indiana-Kentucky Electric Corporation	(IN)
65	Minnesota Power Inc	(MN)
66	Grand River Dam Authority	(OK)
67	Hoosier Energy Rural	(IN)
68	Public Service Co. of Oklahoma	(OK)
69	East Kentucky Power Coop	(KY)
70	Gulf Power Company	(FL)
71	Pennsylvania Pwr & Light Co.	(PA)
72	San Miguel Elec Coop Inc	(OK)

See footnotes at end of table.

**Table 66. Major U.S. Coal Consumers, 2000 (Continued)**

Company Name	Plant Location
<b>Top Ten Manufacturers</b>	
Aluminum Company of America	(IN) (OH) (TN) (TX)
Archer Daniels Midland	(IA) (IL) (MN)
Champion International Corp	(AL) (FL) (ME) (MI) (MN) (NC) (NY) (OH)
Dakota Gasification Co	(ND)
E I Du Pont De Nemours & Co	(DE) (MS) (NC) (SC) (TN) (VA) (WV)
Eastman Chemical Company	(AR) (NY) (SC) (TN) (TX)
Hoechst AG	(SC) (TX) (VA)
Holnam Inc	(AL) (CO) (IA) (MI) (MO) (MS) (SC) (UT) (WA)
Inland Steel Industries Inc	(IN)
Westvaco Corporation	(MD) (PA) (SD) (VA)
<b>Other Major Manufacturers</b>	
A E Staley Manufacturing Co	(IL) (IN) (TN)
American Crystal Sugar Co	(MN) (ND)
Applied Energy Services Inc	(PA)
Ash Grove Cement Company	(AR) (KS) (MT) (NE) (OR) (TX) (UT)
Blue Circle Inc	(AL) (GA) (NY) (OK) (SC)
Cargill Incorporated	(GA) (IA) (MI) (MN) (NC) (OH) (TN) (VA)
Consolidated Papers Inc	(WI)
Dravo Corporation	(AL) (KY)
Elkem A/S	(OH) (WV)
Florida Crushed Stone	(FL)
Fort James Corporation	(GA) (OK) (WI)
FMC Corporation	(NC) (WV) (WY)
General Chemical Corporation	(WY)
General Motors Corporation	(AL) (IL) (IN) (MI) (MO) (OH) (WI)
Georgia-Pacific Corp	(AR) (GA) (MI) (VA)
International Paper Company	(AL) (LA) (PA) (SC) (WI)
Jefferson Smurfit Corp	(AL) (FL) (IL) (IN) (OH) (PA)
Kerr-McGee Corporation	(CA)
Kimberly Clark Corporation	(AL) (MI) (PA) (WI)
Lafarge Corporation	(IA) (IL) (KS) (MI) (MO) (PA)
Lone Star Industries, Inc	(FL) (IL) (IN) (MO) (OK) (TX)
Mead Corporation	(MI) (OH) (TN)
Monsanto Company	(AL) (IA) (ID) (IL) (MA) (WV)
P H Glatfelter Co	(NC) (PA)
PPG Industries Inc	(WV)
Societe Des Ciments Francais	(IN) (MD) (PA)
Solvay Minerals, Inc.	(OH) (TN) (WY)
Southdown Inc	(CA) (CO) (FL) (OH) (TN)
Stone Container Corporation	(AZ) (FL) (MI) (SC) (VA)
Union Camp Corporation	(AL) (GA) (SC) (VA)
<b>Top Ten Coke Producers</b>	
AK Steel Corp	(KY) (OH)
Bethlehem Steel Corp	(IN) (MD) (NY) (PA)
Citizens Gas & Coke Utility	(IN)
Drummond Company Inc	(AL)
Indiana Harbor Coke Co, LP	(IN)
LTV Steel Company Inc	(IL) (IN) (OH) (PA)
National Steel Corp.	(IL) (MI)
Sun Coal Co	(VA)
USX Corporation	(IN) (PA)
Wheeling Pittsburgh Steel Corp	(WV)

Note: Major electric utility coal consumers are companies that consumed more than 3.5 million short tons of coal in 2000. Major manufacturers are the top 40 coal consumers in the manufacturing sector. Major coke producers are the top 10 coal consumers in the coke plant sector. Electric utilities are ranked by consumption and manufacturers and coke producers are listed in alphabetical order.

Sources: Energy Information Administration, • Electric Utilities: Form EIA-759, "Monthly Power Plant Report." • Manufacturers: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants." • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly."

**Table 67. Coal Consumption by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

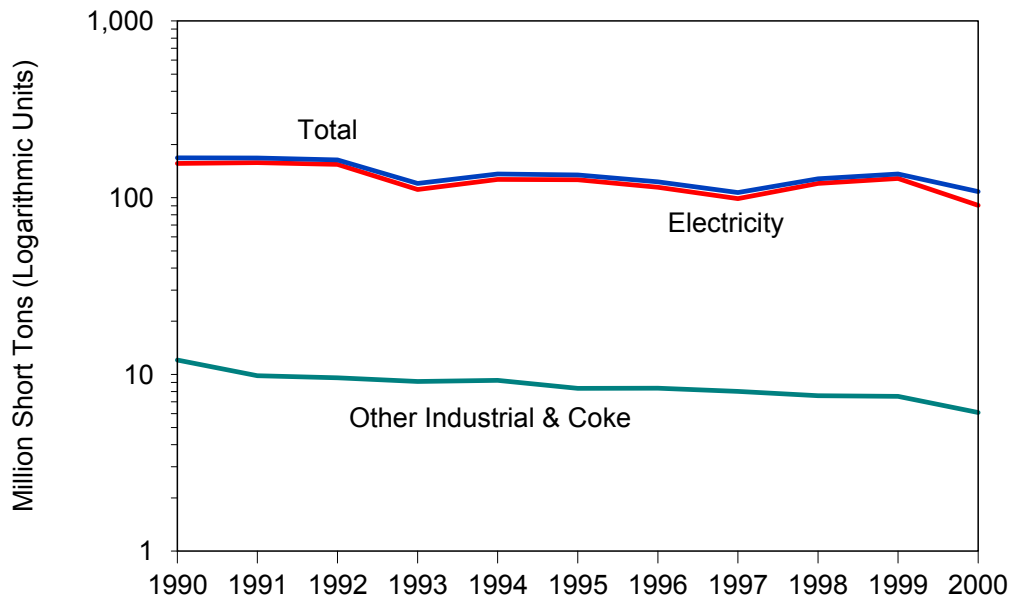
Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England</b> .....	<b>2,420</b>	<b>1,969</b>	<b>5,400</b>	<b>7,967</b>	<b>7,024</b>	<b>7,012</b>	<b>22.9</b>	<b>-23.4</b>	<b>-11.1</b>
Connecticut.....	4	5	596	1,065	931	856	-23.3	-74.6	-45.1
Maine.....	222	119	141	194	234	374	86.2	-1.2	-5.6
Massachusetts.....	513	497	3,189	4,891	4,477	4,451	3.3	-41.8	-21.3
New Hampshire.....	1,677	1,344	1,469	1,705	1,377	1,315	24.7	5.0	2.7
Rhode Island.....	2	2	2	3	3	4	51.3	-7.2	-5.8
Vermont.....	1	2	2	110	2	12	-21.6	-4.0	-21.0
<b>Middle Atlantic</b> .....	<b>32,636</b>	<b>55,343</b>	<b>69,310</b>	<b>73,325</b>	<b>70,965</b>	<b>70,594</b>	<b>-41.0</b>	<b>-17.6</b>	<b>-8.2</b>
New Jersey.....	2,280	2,596	2,372	2,867	2,402	2,326	-12.2	-1.3	-2.2
New York.....	4,479	7,335	12,435	11,784	11,337	13,338	-38.9	-20.7	-11.4
Pennsylvania.....	25,877	45,412	54,504	58,673	57,226	54,931	-43.0	-18.0	-8.0
<b>East North Central</b> .....	<b>215,154</b>	<b>229,361</b>	<b>234,060</b>	<b>233,883</b>	<b>229,034</b>	<b>208,583</b>	<b>-6.2</b>	<b>-1.5</b>	<b>.3</b>
Illinois.....	23,018	42,171	44,662	47,637	44,431	34,677	-45.4	-15.2	-4.4
Indiana.....	70,583	66,157	66,300	66,051	64,021	60,790	6.7	2.5	1.7
Michigan.....	36,298	38,273	38,024	35,887	36,727	33,879	-5.2	-3.3	.8
Ohio.....	59,348	57,500	60,356	58,821	59,835	58,578	3.2	-2.2	.1
Wisconsin.....	25,907	25,260	24,718	25,487	24,019	20,659	2.5	1.9	2.5
<b>West North Central</b> .....	<b>150,849</b>	<b>145,081</b>	<b>144,652</b>	<b>138,303</b>	<b>137,081</b>	<b>116,707</b>	<b>4.0</b>	<b>2.4</b>	<b>2.9</b>
Iowa.....	24,341	23,459	23,143	21,672	21,170	18,741	3.8	3.5	2.9
Kansas.....	20,845	19,004	17,736	17,673	19,084	14,881	9.7	2.2	3.8
Minnesota.....	20,736	19,085	19,958	19,086	19,703	16,993	8.6	1.3	2.2
Missouri.....	38,301	37,977	38,549	36,860	34,382	25,773	.8	2.7	4.5
Nebraska.....	11,910	11,625	11,889	11,211	10,379	8,859	2.4	3.5	3.3
North Dakota.....	31,902	31,282	31,060	29,360	30,511	28,597	2.0	1.1	1.2
South Dakota.....	2,815	2,650	2,316	2,442	1,852	2,863	6.2	11.0	-2.2
<b>South Atlantic</b> .....	<b>176,920</b>	<b>173,356</b>	<b>173,488</b>	<b>170,655</b>	<b>165,546</b>	<b>144,073</b>	<b>2.0</b>	<b>1.7</b>	<b>2.3</b>
Delaware.....	1,644	1,393	1,773	1,866	1,956	2,186	18.0	-4.3	-3.1
District of Columbia.....	7	6	6	40	23	66	8.9	-27.2	-22.7
Florida.....	28,788	27,287	28,827	28,719	28,443	26,004	5.5	.3	1.1
Georgia.....	35,150	33,495	32,721	32,693	31,158	26,957	4.9	3.0	3.0
Maryland.....	8,635	11,776	11,790	11,240	11,367	10,709	-26.7	-6.6	-2.4
North Carolina.....	29,800	28,411	28,917	29,556	27,624	20,877	4.9	1.9	4.0
South Carolina.....	16,947	15,767	14,649	14,109	13,852	11,451	7.5	5.2	4.4
Virginia.....	16,951	15,803	15,857	15,273	14,983	13,980	7.3	3.1	2.2
West Virginia.....	39,000	39,418	38,949	37,160	36,140	31,843	-1.0	1.9	2.3
<b>East South Central</b> .....	<b>112,634</b>	<b>108,419</b>	<b>107,809</b>	<b>112,977</b>	<b>110,450</b>	<b>90,785</b>	<b>3.9</b>	<b>.5</b>	<b>2.4</b>
Alabama.....	39,797	38,100	36,328	36,607	37,052	29,349	4.4	1.8	3.4
Kentucky.....	37,586	37,495	38,798	41,889	40,862	34,517	.2	-2.1	.9
Mississippi.....	6,388	6,207	5,897	6,273	5,791	3,812	2.9	2.5	5.9
Tennessee.....	28,862	26,617	26,786	28,208	26,744	23,107	8.4	1.9	2.5
<b>West South Central</b> .....	<b>147,239</b>	<b>150,486</b>	<b>147,133</b>	<b>150,374</b>	<b>146,472</b>	<b>133,635</b>	<b>-2.1</b>	<b>.1</b>	<b>1.1</b>
Arkansas.....	15,250	15,299	14,563	14,068	14,815	12,261	-3.3	.7	2.4
Louisiana.....	10,016	13,961	13,891	13,874	12,534	12,965	-28.3	-5.4	-2.8
Oklahoma.....	20,394	19,075	19,582	21,128	20,125	16,345	6.9	.3	2.5
Texas.....	101,579	102,152	99,098	101,304	98,998	92,064	-6.6	.6	1.1
<b>Mountain</b> .....	<b>112,314</b>	<b>116,983</b>	<b>118,343</b>	<b>111,482</b>	<b>107,228</b>	<b>105,177</b>	<b>-4.0</b>	<b>1.2</b>	<b>.7</b>
Arizona.....	21,129	19,711	19,014	18,205	16,792	16,805	7.2	5.9	2.6
Colorado.....	19,314	18,235	18,072	17,908	17,222	16,218	5.9	2.9	1.9
Idaho.....	622	431	479	361	397	673	44.5	11.9	-8.8
Montana.....	486	10,369	10,776	9,474	8,032	10,549	-95.3	-50.4	-29.0
Nevada.....	8,865	8,067	8,216	7,447	7,604	8,091	9.9	3.9	1.0
New Mexico.....	16,585	16,303	15,963	15,887	15,297	12,858	1.7	2.0	2.9
Utah.....	16,897	16,190	17,052	16,105	15,237	14,834	4.4	2.6	1.4
Wyoming.....	28,416	27,678	28,772	26,096	26,647	25,150	2.7	1.6	1.4
<b>Pacific</b> .....	<b>7,428</b>	<b>10,846</b>	<b>11,155</b>	<b>9,576</b>	<b>10,282</b>	<b>11,055</b>	<b>-31.5</b>	<b>-7.8</b>	<b>-4.3</b>
Alaska.....	694	694	693	739	706	802	*	-4.4	-1.6
California.....	2,015	2,064	2,001	2,805	2,591	2,816	-2.4	-6.1	-3.6
Hawaii.....	110	117	146	166	169	37	-6.3	-10.3	12.9
Oregon.....	2,241	2,154	2,074	917	1,134	1,940	4.0	18.5	1.6
Washington.....	2,369	5,818	6,241	4,948	5,682	5,461	-59.3	-19.6	-8.9
<b>Other Power Producers</b> .....	<b>123,285</b>	<b>52,693</b>	<b>26,941</b>	<b>21,603</b>	<b>22,224</b>	<b>11,446</b>	<b>133.9</b>	<b>53.5</b>	<b>30.2</b>
<b>U.S. Total</b> .....	<b>1,080,880</b>	<b>1,044,538</b>	<b>1,038,292</b>	<b>1,030,145</b>	<b>1,006,306</b>	<b>899,067</b>	<b>3.5</b>	<b>1.8</b>	<b>2.1</b>

\* Data round to zero.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-867, "Annual Non-utility Power Producer Report" for 1997 and prior years; and for 1998 forward, Form EIA-860B, "Annual Electric Generation Report - Non-utility."

**Figure 10. U.S. Consumer Coal Stocks, 1990-2000**



Notes: Each increment represents end-of-year data. Industrial stocks reflect manufacturing plants and coke plants.

Sources: Energy Information Administration, • Electric Utilities: Form EIA-759, “Monthly Power Plant Report.” • Industrial: Form EIA-5, “Coke Plant Report - Quarterly” and Form EIA-3, “Quarterly Coal Consumption Report - Manufacturing Plants.”

**Table 68. Year-End Consumer Coal Stocks by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England</b> .....	<b>264</b>	<b>340</b>	<b>665</b>	<b>816</b>	<b>1,297</b>	<b>1,134</b>	<b>-22.4</b>	<b>-32.8</b>	<b>-14.9</b>
Connecticut.....	-	-	134	66	173	173	-	-	-
Maine.....	w	w	78	51	51	5	w	w	w
Massachusetts.....	w	w	175	400	713	584	w	w	w
New Hampshire.....	w	w	278	298	359	373	w	w	w
<b>Middle Atlantic</b> .....	<b>1,796</b>	<b>R 5,891</b>	<b>11,231</b>	<b>10,376</b>	<b>10,895</b>	<b>18,246</b>	<b>-69.5</b>	<b>-36.3</b>	<b>-22.7</b>
New Jersey.....	w	w	664	567	825	687	w	w	w
New York.....	w	w	1,511	1,151	1,213	2,013	w	w	w
Pennsylvania.....	w	w	9,057	8,658	8,857	15,546	w	w	w
<b>East North Central</b> .....	<b>25,072</b>	<b>35,769</b>	<b>36,808</b>	<b>30,794</b>	<b>30,815</b>	<b>43,179</b>	<b>-29.9</b>	<b>-5.0</b>	<b>-5.9</b>
Illinois.....	w	w	7,225	5,353	5,159	7,693	w	w	w
Indiana.....	w	w	8,989	6,643	7,955	11,387	w	w	w
Michigan.....	w	w	9,450	8,047	7,814	9,016	w	w	w
Ohio.....	w	w	6,175	6,324	5,428	10,618	w	w	w
Wisconsin.....	w	w	4,969	4,427	4,459	4,466	w	w	w
<b>West North Central</b> .....	<b>16,732</b>	<b>22,336</b>	<b>19,029</b>	<b>14,833</b>	<b>18,327</b>	<b>21,332</b>	<b>-25.1</b>	<b>-2.3</b>	<b>-2.7</b>
Iowa.....	w	w	4,261	2,944	4,612	5,133	w	w	w
Kansas.....	w	w	3,187	2,298	2,984	3,321	w	w	w
Minnesota.....	w	w	2,394	1,994	1,738	2,693	w	w	w
Missouri.....	w	w	5,159	3,851	5,317	5,667	w	w	w
Nebraska.....	w	w	2,109	1,622	1,728	2,014	w	w	w
North Dakota.....	w	w	1,689	1,879	1,787	2,171	w	w	w
South Dakota.....	w	w	230	244	160	332	w	w	w
<b>South Atlantic</b> .....	<b>14,927</b>	<b>23,691</b>	<b>21,834</b>	<b>17,009</b>	<b>19,577</b>	<b>29,952</b>	<b>-37.0</b>	<b>-6.5</b>	<b>-7.4</b>
Delaware.....	w	w	471	323	333	460	w	w	w
Florida.....	w	w	4,649	3,508	3,438	4,880	w	w	w
Georgia.....	w	w	3,566	2,407	3,848	5,419	w	w	w
Maryland.....	w	w	1,178	1,204	1,377	2,258	w	w	w
North Carolina.....	w	w	3,751	2,024	2,671	4,866	w	w	w
South Carolina.....	w	w	2,743	2,021	2,177	2,241	w	w	w
Virginia.....	w	w	1,490	1,301	1,143	1,891	w	w	w
West Virginia.....	w	w	3,988	4,222	4,590	7,937	w	w	w
<b>East South Central</b> .....	<b>7,594</b>	<b>12,975</b>	<b>11,650</b>	<b>10,087</b>	<b>9,306</b>	<b>15,026</b>	<b>-41.5</b>	<b>-4.9</b>	<b>-7.3</b>
Alabama.....	w	w	3,577	2,971	2,858	4,671	w	w	w
Kentucky.....	w	w	4,891	4,663	4,322	6,038	w	w	w
Mississippi.....	w	w	835	627	626	950	w	w	w
Tennessee.....	w	w	2,347	1,826	1,500	3,367	w	w	w
<b>West South Central</b> .....	<b>17,765</b>	<b>21,967</b>	<b>14,750</b>	<b>11,344</b>	<b>19,886</b>	<b>18,318</b>	<b>-19.1</b>	<b>-2.8</b>	<b>-3</b>
Arkansas.....	w	w	1,124	954	2,719	2,165	w	w	w
Louisiana.....	w	w	2,181	1,258	2,480	2,301	w	w	w
Oklahoma.....	w	w	3,438	2,592	4,210	2,919	w	w	w
Texas.....	w	w	8,007	6,540	10,477	10,932	w	w	w
<b>Mountain</b> .....	<b>11,564</b>	<b>12,209</b>	<b>10,803</b>	<b>9,978</b>	<b>11,602</b>	<b>18,490</b>	<b>-5.3</b>	<b>-1</b>	<b>-5.1</b>
Arizona.....	w	w	1,925	1,414	2,024	4,229	w	w	w
Colorado.....	w	w	2,862	2,476	3,054	3,487	w	w	w
Idaho.....	w	w	126	105	77	79	w	w	w
Montana.....	w	w	343	419	520	778	w	w	w
Nevada.....	w	w	888	817	1,244	1,420	w	w	w
New Mexico.....	w	w	793	797	817	1,403	w	w	w
Utah.....	w	w	2,546	2,395	1,597	4,259	w	w	w
Wyoming.....	w	w	1,320	1,555	2,267	2,835	w	w	w
<b>Pacific</b> .....	<b>483</b>	<b>1,375</b>	<b>1,301</b>	<b>1,163</b>	<b>1,274</b>	<b>2,034</b>	<b>-64.9</b>	<b>-21.5</b>	<b>-14.8</b>
Alaska.....	w	w	-	*	1	8	w	w	w
California.....	w	w	188	118	150	139	w	w	w
Hawaii.....	w	w	42	67	45	18	w	w	w
Oregon.....	w	w	196	96	221	677	w	w	w
Washington.....	w	w	875	882	857	1,194	w	w	w
<b>Other Power Producers</b> .....	<b>11,765</b>	<b>7,496</b>	-	-	-	-	<b>56.9</b>	-	-
<b>U.S. Total</b> .....	<b>107,961</b>	<b>144,049</b>	<b>128,072</b>	<b>106,401</b>	<b>122,979</b>	<b>167,711</b>	<b>-24.6</b>	<b>-3.1</b>	<b>-4.8</b>

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

R Revised Data.

Notes: Stocks for the residential and commercial sector are not included. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; and the Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table 69. Coal Consumption at Electric Utility Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	<b>2,115</b>	<b>1,768</b>	<b>5,183</b>	<b>7,583</b>	<b>6,701</b>	<b>6,421</b>	<b>19.6</b>	<b>-25.0</b>	<b>-11.6</b>
Connecticut.....	-	-	590	1,058	925	840	-	-	-
Massachusetts.....	442	427	3,128	4,826	4,406	4,339	3.7	-43.7	-22.4
New Hampshire.....	1,673	1,341	1,465	1,699	1,369	1,242	24.7	5.1	3.4
<b>Middle Atlantic Total</b> .....	<b>18,538</b>	<b>41,551</b>	<b>54,738</b>	<b>54,179</b>	<b>51,718</b>	<b>52,617</b>	<b>-55.4</b>	<b>-22.6</b>	<b>-10.9</b>
New Jersey.....	2,267	2,583	2,357	2,851	2,387	2,081	-12.2	-1.3	.9
New York.....	1,608	4,411	9,410	8,726	8,254	9,874	-63.5	-33.6	-18.3
Pennsylvania.....	14,663	34,557	42,971	42,603	41,076	40,662	-57.6	-22.7	-10.7
<b>East North Central Total</b> .....	<b>186,107</b>	<b>200,289</b>	<b>204,721</b>	<b>204,251</b>	<b>198,900</b>	<b>173,718</b>	<b>-7.1</b>	<b>-1.6</b>	<b>.8</b>
Illinois.....	16,807	35,996	38,255	41,017	38,090	27,754	-53.3	-18.5	-5.4
Indiana.....	57,741	55,105	55,086	54,845	52,855	47,720	4.8	2.2	2.1
Michigan.....	33,044	33,615	34,021	31,928	32,175	29,896	-1.7	.7	1.1
Ohio.....	54,464	52,123	54,455	52,893	53,543	49,577	4.5	.4	1.0
Wisconsin.....	24,051	23,450	22,903	23,568	22,236	18,771	2.6	2.0	2.8
<b>West North Central Total</b> .....	<b>136,464</b>	<b>130,536</b>	<b>130,374</b>	<b>123,968</b>	<b>122,419</b>	<b>104,246</b>	<b>4.5</b>	<b>2.8</b>	<b>3.0</b>
Iowa.....	21,178	20,071	20,031	18,195	17,864	15,846	5.5	4.3	3.3
Kansas.....	20,700	18,889	17,627	17,534	18,853	14,732	9.6	2.4	3.8
Minnesota.....	18,639	17,114	17,902	17,490	17,459	16,114	8.9	1.6	1.6
Missouri.....	37,184	36,546	37,165	35,193	33,059	24,286	1.7	3.0	4.8
Nebraska.....	11,503	11,219	11,505	10,796	10,091	8,524	2.5	3.3	3.4
North Dakota.....	25,048	24,538	24,278	22,754	23,640	22,174	2.1	1.4	1.4
South Dakota.....	2,211	2,159	1,866	2,005	1,453	2,570	2.4	11.1	-1.6
<b>South Atlantic Total</b> .....	<b>162,024</b>	<b>158,467</b>	<b>157,764</b>	<b>155,499</b>	<b>149,354</b>	<b>123,729</b>	<b>2.2</b>	<b>2.0</b>	<b>3.0</b>
Delaware.....	1,464	1,244	1,592	1,686	1,787	1,958	17.7	-4.9	-3.2
Florida.....	27,534	26,091	27,542	27,372	27,172	24,870	5.5	.3	1.1
Georgia.....	33,151	31,508	30,731	30,631	29,171	24,848	5.2	3.2	3.3
Maryland.....	7,741	10,931	10,968	10,417	10,540	8,632	-29.2	-7.4	-1.2
North Carolina.....	27,925	26,508	26,834	27,206	25,083	18,078	5.3	2.7	4.9
South Carolina.....	15,034	13,667	12,664	12,096	11,833	9,218	10.0	6.2	5.6
Virginia.....	13,524	12,427	12,300	11,605	10,994	8,568	8.8	5.3	5.2
West Virginia.....	35,651	36,092	35,132	34,487	32,775	27,557	-1.2	2.1	2.9
<b>East South Central Total</b> .....	<b>102,147</b>	<b>97,378</b>	<b>96,320</b>	<b>99,620</b>	<b>96,809</b>	<b>77,917</b>	<b>4.9</b>	<b>1.3</b>	<b>3.0</b>
Alabama.....	35,482	33,429	31,474	30,840	31,216	23,700	6.1	3.3	4.6
Kentucky.....	35,031	34,711	35,842	38,281	37,072	31,432	.9	-1.4	1.2
Mississippi.....	6,232	6,022	5,684	6,035	5,558	3,570	3.5	2.9	6.4
Tennessee.....	25,401	23,216	23,320	24,464	22,964	19,216	9.4	2.5	3.1
<b>West South Central Total</b> .....	<b>141,583</b>	<b>144,991</b>	<b>141,671</b>	<b>144,218</b>	<b>140,493</b>	<b>127,908</b>	<b>-2.3</b>	<b>.2</b>	<b>1.1</b>
Arkansas.....	14,868	14,974	14,277	13,772	14,467	11,978	-7	.7	2.4
Louisiana.....	9,959	13,924	13,850	13,807	12,450	12,406	-28.5	-5.4	-2.4
Oklahoma.....	19,679	18,352	18,883	20,101	19,386	15,668	7.2	.4	2.6
Texas.....	97,077	97,740	94,661	96,537	94,189	87,856	-7	.8	1.1
<b>Mountain Total</b> .....	<b>105,724</b>	<b>111,141</b>	<b>111,787</b>	<b>105,216</b>	<b>101,507</b>	<b>98,400</b>	<b>-4.9</b>	<b>1.0</b>	<b>.8</b>
Arizona.....	20,409	19,025	18,316	17,503	16,117	16,116	7.3	6.1	2.6
Colorado.....	18,807	17,704	17,663	17,116	16,841	15,416	6.2	2.8	2.2
Montana.....	317	10,198	10,627	9,286	7,897	10,223	-96.9	-55.2	-32.0
Nevada.....	8,634	7,763	7,961	7,261	7,424	7,892	11.2	3.8	1.0
New Mexico.....	16,504	16,223	15,883	15,802	15,215	12,809	1.7	2.0	2.8
Utah.....	14,688	14,590	14,664	14,252	13,584	12,829	.7	2.0	1.5
Wyoming.....	26,366	25,638	26,674	23,997	24,430	23,115	2.8	1.9	1.5
<b>Pacific Total</b> .....	<b>4,633</b>	<b>8,000</b>	<b>8,309</b>	<b>5,827</b>	<b>6,780</b>	<b>7,313</b>	<b>-42.1</b>	<b>-9.1</b>	<b>-4.9</b>
Alaska.....	170	140	162	235	229	298	21.7	-7.2	-6.0
Oregon.....	2,240	2,153	2,037	821	1,044	1,831	4.0	21.0	2.3
Washington.....	2,223	5,706	6,111	4,770	5,507	5,184	-61.0	-20.3	-9.0
<b>U.S. Total</b> .....	<b>859,335</b>	<b>894,120</b>	<b>910,867</b>	<b>900,361</b>	<b>874,681</b>	<b>772,268</b>	<b>-3.9</b>	<b>-4</b>	<b>1.2</b>

Note: Totals may not equal sum of components due to independent rounding.  
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."



**Table 70. Year-End Coal Stocks at Electric Utility Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	575	754	1,236	1,128	w	w	w
Connecticut.....	-	-	134	66	173	173	-	-	-
Massachusetts.....	w	w	163	389	704	583	w	w	w
New Hampshire.....	w	w	278	298	359	373	w	w	w
<b>Middle Atlantic Total</b> .....	960	<sup>R</sup> 4,855	10,232	9,175	9,606	16,638	-80.2	-43.8	-27.2
New Jersey .....	w	w	663	566	824	681	w	w	w
New York.....	w	w	1,128	819	905	1,546	w	w	w
Pennsylvania.....	w	w	8,441	7,790	7,878	14,412	w	w	w
<b>East North Central Total</b> .....	22,959	33,073	34,128	28,051	27,618	39,394	-30.6	-4.5	-5.8
Illinois.....	w	w	6,572	4,828	4,578	6,977	w	w	w
Indiana.....	w	w	8,198	5,822	7,103	9,953	w	w	w
Michigan.....	w	w	8,776	7,222	6,530	8,099	w	w	w
Ohio.....	w	w	5,902	6,066	5,229	10,213	w	w	w
Wisconsin.....	w	w	4,679	4,113	4,178	4,151	w	w	w
<b>West North Central Total</b> .....	15,737	21,199	17,961	13,707	17,107	20,169	-25.8	-2.1	-2.7
Iowa.....	w	w	3,788	2,447	4,042	4,499	w	w	w
Kansas.....	w	w	3,168	2,282	2,968	3,310	w	w	w
Minnesota.....	w	w	2,093	1,737	1,461	2,616	w	w	w
Missouri.....	w	w	5,032	3,670	5,159	5,458	w	w	w
Nebraska.....	w	w	2,096	1,596	1,691	1,976	w	w	w
North Dakota.....	w	w	1,580	1,755	1,642	1,999	w	w	w
South Dakota.....	w	w	204	219	143	312	w	w	w
<b>South Atlantic Total</b> .....	14,158	22,924	20,938	16,141	18,662	28,746	-38.2	-6.7	-7.6
Delaware.....	w	w	470	319	322	458	w	w	w
Florida.....	w	w	4,565	3,441	3,349	4,781	w	w	w
Georgia.....	w	w	3,424	2,279	3,727	5,251	w	w	w
Maryland.....	w	w	1,157	1,188	1,346	2,220	w	w	w
North Carolina.....	w	w	3,622	1,912	2,559	4,657	w	w	w
South Carolina.....	w	w	2,539	1,809	1,979	1,988	w	w	w
Virginia.....	w	w	1,370	1,152	1,010	1,685	w	w	w
West Virginia.....	w	w	3,791	4,042	4,370	7,707	w	w	w
<b>East South Central Total</b> .....	6,992	12,154	10,808	9,329	8,514	14,210	-42.5	-4.8	-7.6
Alabama.....	w	w	3,195	2,609	2,526	4,247	w	w	w
Kentucky.....	w	w	4,668	4,475	4,119	5,881	w	w	w
Mississippi.....	w	w	820	614	602	933	w	w	w
Tennessee.....	w	w	2,124	1,630	1,266	3,148	w	w	w
<b>West South Central Total</b> .....	17,464	21,626	14,396	11,050	19,525	17,694	-19.2	-2.7	-1.1
Arkansas.....	w	w	1,107	934	2,701	2,150	w	w	w
Louisiana.....	w	w	2,157	1,248	2,470	2,235	w	w	w
Oklahoma.....	w	w	3,349	2,516	4,067	2,835	w	w	w
Texas.....	w	w	7,784	6,352	10,287	10,474	w	w	w
<b>Mountain Total</b> .....	11,314	11,797	10,404	9,667	11,304	18,086	-4.1	*	-5.1
Arizona.....	w	w	1,855	1,386	1,992	4,177	w	w	w
Colorado.....	w	w	2,840	2,458	3,027	3,466	w	w	w
Montana.....	w	w	335	410	508	741	w	w	w
Nevada.....	w	w	881	812	1,239	1,412	w	w	w
New Mexico.....	w	w	789	795	815	1,399	w	w	w
Utah.....	w	w	2,461	2,309	1,526	4,123	w	w	w
Wyoming.....	w	w	1,243	1,498	2,197	2,767	w	w	w
<b>Pacific Total</b> .....	w	w	1,060	952	1,052	1,812	w	w	w
Alaska.....	w	w	-	*	1	8	w	w	w
Oregon.....	w	w	196	83	203	660	w	w	w
Washington.....	w	w	864	868	848	1,145	w	w	w
<b>U.S. Total</b> .....	90,115	129,042	120,501	98,826	114,623	157,876	-30.2	-5.8	-6.0

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

<sup>R</sup> Revised Data.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 71. Coal Consumption at Other Industrial Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>333</b>	<b>268</b>	<b>507</b>	<b>w</b>	<b>w</b>	<b>w</b>
Connecticut.....	-	-	-	-	w	w	-	-	-
Maine.....	w	w	w	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	w	w	-	-	-
Vermont.....	-	-	-	107	-	w	-	-	-
<b>Middle Atlantic Total</b> .....	<b>5,134</b>	<b>5,118</b>	<b>5,179</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>0.3</b>	<b>w</b>	<b>w</b>
New Jersey.....	w	w	w	w	w	w	w	w	w
New York.....	w	w	1,584	1,484	1,449	1,959	w	w	w
Pennsylvania.....	3,498	3,587	3,584	4,492	4,466	4,049	-2.5	-5.9	-1.6
<b>East North Central Total</b> .....	<b>14,178</b>	<b>14,750</b>	<b>15,745</b>	<b>16,896</b>	<b>17,146</b>	<b>18,670</b>	<b>-3.9</b>	<b>-4.6</b>	<b>-3.0</b>
Illinois.....	3,491	3,635	3,846	3,880	3,740	4,426	-3.9	-1.7	-2.6
Indiana.....	4,296	4,145	4,399	5,096	4,987	4,404	3.6	-3.6	-3
Michigan.....	1,839	1,945	2,129	2,413	2,948	3,149	-5.5	-11.1	-5.8
Ohio.....	2,859	3,371	3,684	3,751	3,794	4,813	-15.2	-6.8	-5.6
Wisconsin.....	1,693	1,653	1,687	1,757	1,678	1,878	2.4	.2	-1.1
<b>West North Central Total</b> .....	<b>13,797</b>	<b>13,780</b>	<b>13,673</b>	<b>13,329</b>	<b>13,853</b>	<b>11,741</b>	<b>.1</b>	<b>-1</b>	<b>1.8</b>
Iowa.....	2,902	2,999	2,832	3,103	3,085	2,672	-3.2	-1.5	.9
Kansas.....	134	108	109	137	154	148	23.2	-3.4	-1.2
Minnesota.....	2,091	1,956	2,014	1,490	2,088	785	6.9	*	11.5
Missouri.....	941	1,205	1,218	1,401	1,118	1,235	-21.9	-4.2	-3.0
Nebraska.....	w	w	w	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w	w	w	w
South Dakota.....	602	490	450	436	398	290	23.0	10.9	8.5
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w	w	w	w
Florida.....	1,245	1,190	1,279	1,347	1,270	1,133	4.6	-5	1.0
Georgia.....	1,990	1,971	1,978	2,046	1,985	2,101	1.0	.1	-6
Maryland.....	810	799	769	768	785	1,040	1.5	.8	-2.7
North Carolina.....	1,762	1,753	1,883	2,158	2,336	2,702	.5	-6.8	-4.6
South Carolina.....	1,912	1,863	1,962	2,012	2,000	2,212	2.6	-1.1	-1.6
Virginia.....	2,348	2,230	2,368	2,500	2,613	4,301	5.3	-2.6	-6.5
West Virginia.....	1,564	1,600	1,913	1,690	1,630	2,310	-2.3	-1.0	-4.2
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	2,243	2,340	2,442	2,738	2,545	2,468	-4.1	-3.1	-1.0
Kentucky.....	1,095	1,108	1,392	1,912	2,321	2,044	-1.2	-17.1	-6.7
Mississippi.....	w	w	w	w	w	w	w	w	w
Tennessee.....	3,349	3,303	3,441	3,613	3,670	3,702	1.4	-2.3	-1.1
<b>West South Central Total</b> .....	<b>5,643</b>	<b>5,485</b>	<b>5,448</b>	<b>5,865</b>	<b>5,978</b>	<b>5,716</b>	<b>2.9</b>	<b>-1.4</b>	<b>-1</b>
Arkansas.....	382	325	287	296	348	283	17.7	2.4	3.4
Louisiana.....	w	w	w	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w	w	w	w
Texas.....	4,490	4,403	4,422	4,766	4,808	4,198	2.0	-1.7	.8
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>4,795</b>	<b>4,142</b>	<b>4,954</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	720	685	698	702	675	689	5.1	1.6	.5
Colorado.....	427	429	391	728	368	738	-5	3.8	-5.9
Idaho.....	w	w	w	330	369	604	w	w	w
Montana.....	w	w	w	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w	w	w	w
Utah.....	1,166	745	1,304	709	512	508	56.5	22.9	9.7
Wyoming.....	1,913	1,936	1,939	1,959	1,835	1,896	-1.2	1.0	.1
<b>Pacific Total</b> .....	<b>2,228</b>	<b>2,250</b>	<b>2,186</b>	<b>3,116</b>	<b>2,827</b>	<b>3,113</b>	<b>-1.0</b>	<b>-5.8</b>	<b>-3.6</b>
Alaska.....	w	w	w	w	2	-	w	-15.3	-
California.....	1,992	2,036	1,885	2,697	2,414	2,771	-2.2	-4.7	-3.6
Hawaii.....	w	w	w	w	w	w	w	w	w
Oregon.....	-	-	w	w	w	w	-	-	-
Washington.....	w	w	w	156	152	197	w	w	w
<b>U.S. Total</b> .....	<b>65,208</b>	<b>64,738</b>	<b>67,439</b>	<b>71,515</b>	<b>71,689</b>	<b>75,405</b>	<b>.7</b>	<b>-2.3</b>	<b>-1.6</b>

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Regional totals for 1991 may not sum to the U.S. total due to distribution of coal to unknown State.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; and Form EIA-6A, "Coal Distribution Report."

**Table 72. Year-End Coal Stocks at Other Industrial Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	w	62	60	6	w	w	w
Maine .....	w	w	w	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w	w	w	w
<b>Middle Atlantic Total</b> .....	441	477	416	w	w	w	-7.5	w	w
New Jersey .....	w	w	w	w	w	w	w	w	w
New York .....	w	w	252	255	192	296	w	w	w
Pennsylvania .....	209	230	163	220	231	282	-9.0	-2.5	-3.3
<b>East North Central Total</b> .....	1,299	1,741	1,730	1,926	1,862	2,583	-25.4	-8.6	-7.3
Illinois .....	240	312	290	237	252	422	-23.2	-1.3	-6.1
Indiana .....	181	290	306	379	384	764	-37.7	-17.1	-14.8
Michigan .....	543	716	674	825	827	891	-24.2	-10.0	-5.3
Ohio .....	97	110	171	170	118	190	-11.5	-4.7	-7.2
Wisconsin .....	238	313	290	314	281	315	-23.9	-4.0	-3.0
<b>West North Central Total</b> .....	995	1,137	1,069	1,126	1,220	1,163	-12.5	-5.0	-1.7
Iowa .....	448	522	473	497	570	635	-14.1	-5.8	-3.8
Kansas .....	23	22	19	16	16	10	1.8	9.3	9.4
Minnesota .....	296	243	301	257	277	78	21.5	1.6	16.0
Missouri .....	72	126	127	182	158	210	-42.5	-17.8	-11.1
Nebraska .....	w	w	w	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w	w	w	w
South Dakota .....	25	33	27	24	17	20	-25.6	9.4	2.2
<b>South Atlantic Total</b> .....	w	w	w	w	w	w	w	w	w
Delaware .....	w	w	w	w	w	w	w	w	w
Florida .....	117	90	84	67	89	99	29.6	6.9	1.8
Georgia .....	124	127	142	128	121	167	-2.6	.5	-3.3
Maryland .....	17	23	21	16	30	37	-26.4	-13.8	-8.3
North Carolina .....	117	96	128	112	112	209	21.3	.9	-6.3
South Carolina .....	160	159	203	212	198	253	1.1	-5.1	-4.9
Virginia .....	103	120	120	149	133	206	-13.8	-6.1	-7.4
West Virginia .....	92	116	125	116	136	131	-20.2	-9.3	-3.8
<b>East South Central Total</b> .....	w	w	w	w	w	w	w	w	w
Alabama .....	134	162	188	174	135	131	-16.9	-1	.3
Kentucky .....	67	83	76	86	83	123	-19.2	-5.1	-6.5
Mississippi .....	w	w	w	w	w	w	w	w	w
Tennessee .....	195	265	223	196	234	219	-26.5	-4.5	-1.3
<b>West South Central Total</b> .....	301	341	354	294	361	603	-11.7	-4.4	-7.4
Arkansas .....	29	29	17	20	18	15	.3	12.6	7.6
Louisiana .....	w	w	w	w	w	w	w	w	w
Oklahoma .....	w	w	w	w	w	w	w	w	w
Texas .....	173	192	223	188	190	437	-10.2	-2.4	-9.8
<b>Mountain Total</b> .....	w	w	w	228	231	307	w	w	w
Arizona .....	44	49	70	28	32	52	-10.8	7.9	-1.9
Colorado .....	15	19	23	18	27	21	-22.3	-14.2	-3.6
Idaho .....	w	w	w	105	77	79	w	w	w
Montana .....	w	w	w	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w	w	w	w
Utah .....	3	5	5	3	5	39	-35.3	-11.6	-24.0
Wyoming .....	52	69	77	57	71	68	-25.4	-7.6	-3.0
<b>Pacific Total</b> .....	171	242	241	212	222	222	-29.4	-6.4	-2.9
California .....	131	192	188	118	150	139	-31.8	-3.3	-6
Hawaii .....	w	w	w	w	w	w	w	w	w
Oregon .....	-	-	w	w	w	w	-	-	-
Washington .....	w	w	w	14	8	49	w	w	w
<b>U.S. Total</b> .....	4,587	5,569	5,545	5,597	5,688	7,061	-17.6	-5.2	-4.7

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Other industrial plants include manufacturing plants only. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

**Table 73. Coal Carbonized at Coke Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Middle Atlantic Total</b> .....	<b>8,129</b>	<b>7,799</b>	<b>8,401</b>	w	w	w	<b>4.2</b>	w	w
New York .....	w	w	w	w	w	w	w	w	w
Pennsylvania .....	w	w	w	10,334	10,689	8,812	w	w	w
<b>East North Central Total</b> .....	<b>13,971</b>	<b>13,404</b>	<b>12,322</b>	<b>11,366</b>	<b>11,414</b>	<b>14,742</b>	<b>4.2</b>	<b>5.2</b>	<b>-0.6</b>
Illinois .....	w	w	w	w	w	w	w	w	w
Indiana .....	w	w	w	5,715	5,823	8,234	w	w	w
Michigan .....	w	w	w	w	w	w	w	w	w
Ohio .....	w	w	w	1,848	1,842	3,698	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maryland .....	-	-	-	-	-	-	-	-	-
Virginia .....	w	w	w	w	w	w	w	w	w
West Virginia .....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	<b>3,290</b>	<b>3,584</b>	<b>3,736</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>-8.2</b>	<b>w</b>	<b>w</b>
Alabama .....	w	w	w	2,956	3,247	3,166	w	w	w
Kentucky .....	w	w	w	w	w	w	w	w	w
Tennessee .....	-	-	-	-	-	-	-	-	-
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Utah .....	w	w	w	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>28,939</b>	<b>28,108</b>	<b>28,189</b>	<b>30,203</b>	<b>31,706</b>	<b>33,854</b>	<b>2.9</b>	<b>-2.3</b>	<b>-1.7</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.  
 Note: Totals may not equal sum of components due to independent rounding.  
 Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

**Table 74. Year-End Coal Stocks at Coke Plants by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Middle Atlantic Total</b> .....	<b>395</b>	<b>559</b>	<b>584</b>	w	w	w	<b>-29.3</b>	w	w
New York .....	w	w	w	w	w	w	w	w	w
Pennsylvania .....	w	w	w	648	748	852	w	w	w
<b>East North Central Total</b> .....	<b>814</b>	<b>954</b>	<b>951</b>	<b>817</b>	<b>1,335</b>	<b>1,203</b>	<b>-14.7</b>	<b>-11.6</b>	<b>-4.3</b>
Illinois .....	w	w	w	w	w	w	w	w	w
Indiana .....	w	w	w	442	469	669	w	w	w
Michigan .....	w	w	w	w	w	w	w	w	w
Ohio .....	w	w	w	87	81	215	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maryland .....	-	-	-	-	-	-	-	-	-
West Virginia .....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	<b>197</b>	<b>302</b>	<b>341</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>-34.8</b>	<b>w</b>	<b>w</b>
Alabama .....	w	w	w	188	197	293	w	w	w
Kentucky .....	w	w	w	w	w	w	w	w	w
<b>West South Central Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>
Texas .....	-	-	-	-	-	21	-	-	-
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Utah .....	w	w	w	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>1,494</b>	<b>1,943</b>	<b>2,026</b>	<b>1,978</b>	<b>2,667</b>	<b>2,773</b>	<b>-23.1</b>	<b>-13.5</b>	<b>-6.6</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.  
 Note: Totals may not equal sum of components due to independent rounding.  
 Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

**Table 75. Coal Consumption by Residential and Commercial Sector, by Census Division and State, 1991, 1996-2000**  
(Thousand Short Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	w	51	55	84	w	w	w
Connecticut.....	4	5	6	w	w	w	-23.3	w	w
Maine.....	w	w	w	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w	w	w	w
New Hampshire.....	w	w	w	w	w	w	w	w	w
Rhode Island.....	w	w	w	w	w	w	w	w	w
Vermont.....	w	w	w	w	w	w	w	w	w
<b>Middle Atlantic Total</b> .....	834	875	993	1,504	1,285	1,698	-4.6	-10.2	-7.6
New Jersey.....	w	w	w	w	w	w	w	w	w
New York.....	w	w	w	w	w	w	w	w	w
Pennsylvania.....	w	w	w	1,244	995	1,408	w	w	w
<b>East North Central Total</b> .....	897	918	1,272	1,370	1,574	1,453	-2.3	-13.1	-5.2
Illinois.....	w	w	w	w	w	w	w	w	w
Indiana.....	w	w	w	395	356	433	w	w	w
Michigan.....	w	w	w	w	w	w	w	w	w
Ohio.....	w	w	w	329	656	489	w	w	w
Wisconsin.....	w	w	w	w	w	w	w	w	w
<b>West North Central Total</b> .....	w	w	w	w	w	w	w	w	w
Iowa.....	261	389	279	374	222	223	-32.9	4.1	1.8
Kansas.....	11	7	*	2	78	*	71.9	-38.1	47.5
Minnesota.....	5	15	42	105	156	94	-63.7	-57.1	-27.4
Missouri.....	w	w	w	w	w	w	w	w	w
Nebraska.....	w	w	w	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w	w	w	w
South Dakota.....	w	w	w	w	w	w	w	w	w
<b>South Atlantic Total</b> .....	521	755	640	598	803	490	-30.9	-10.2	.7
Delaware.....	w	w	w	w	w	w	w	w	w
District of Columbia.....	7	6	6	40	23	66	8.9	-27.2	-22.7
Florida.....	9	6	6	-	1	*	44.0	75.2	56.1
Georgia.....	9	17	11	17	3	8	-48.1	29.4	.9
Maryland.....	w	w	w	w	w	w	w	w	w
North Carolina.....	113	150	200	192	206	97	-24.5	-13.8	1.7
South Carolina.....	-	237	23	1	19	22	-	-	-
Virginia.....	w	w	w	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	355	522	266	557	272	376	-32.0	6.9	-6
Alabama.....	w	w	w	73	44	17	w	w	w
Kentucky.....	w	w	w	w	w	w	w	w	w
Mississippi.....	-	w	w	*	-	w	-	-	-
Tennessee.....	w	w	w	w	w	w	w	w	w
<b>West South Central Total</b> .....	13	11	15	291	1	12	18.1	105.5	.8
Arkansas.....	-	*	*	*	-	*	-	-	-
Louisiana.....	w	w	w	*	w	*	w	w	57.0
Oklahoma.....	w	w	w	w	w	w	w	w	w
Texas.....	13	8	14	*	-	11	49.9	-	1.8
<b>Mountain Total</b> .....	w	w	w	w	w	w	w	w	w
Arizona.....	*	*	*	*	*	*	-53.6	-38.7	-23.8
Colorado.....	80	102	18	65	13	65	-21.8	56.5	2.4
Idaho.....	20	55	58	30	28	68	-64.5	-8.7	-13.0
Montana.....	3	3	4	83	4	45	-2.6	-10.1	-26.3
Nevada.....	w	w	w	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w	w	w	w
Utah.....	w	w	w	w	w	w	w	w	w
Wyoming.....	138	104	159	140	382	138	32.2	-22.5	-1
<b>Pacific Total</b> .....	567	597	659	634	675	630	-5.0	-4.3	-1.2
Alaska.....	523	553	530	503	474	504	-5.4	2.5	.4
California.....	24	28	115	109	177	44	-14.3	-39.5	-6.8
Hawaii.....	w	w	w	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w	w	w	w
Washington.....	20	17	14	22	23	80	22.8	-3.3	-14.1
<b>U.S. Total</b> .....	4,112	4,879	4,856	6,463	6,006	6,094	-15.7	-9.0	-4.3

\* Data round to zero.

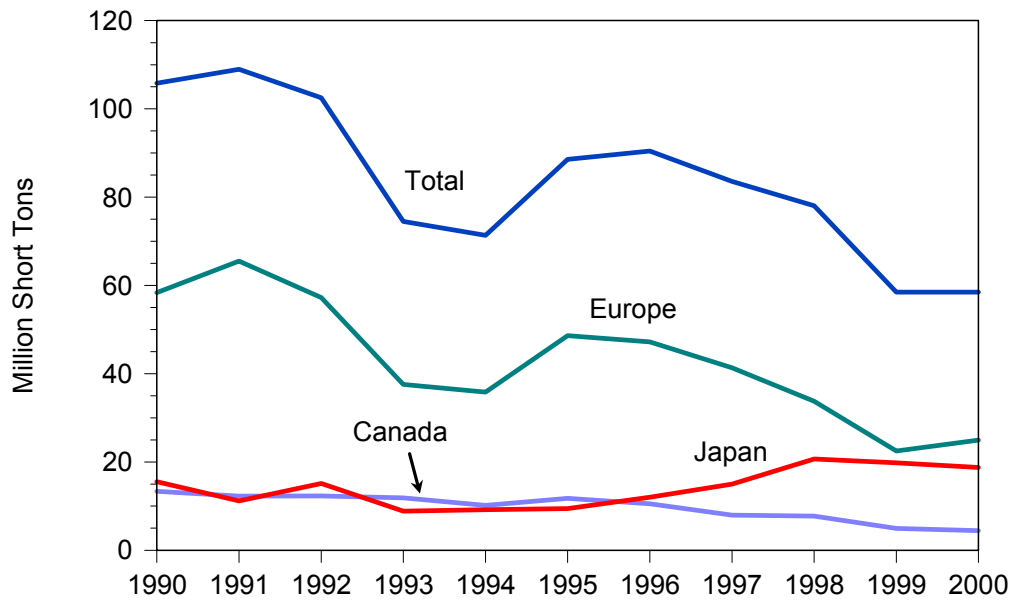
w Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Regional totals for 1991 may not sum to the U.S. total due to distribution of coal to unknown State.

Source: Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

# Foreign Markets

Figure 11. U.S. Coal Exports, 1990-2000



Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM-545."

**Table 76. U.S. Coal Exports by Destination, 1991, 1996-2000**  
(Thousand Short Tons)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>19,612</b>	<b>21,244</b>	<b>22,316</b>	<b>16,947</b>	<b>13,609</b>	<b>11,454</b>	<b>-7.7</b>	<b>9.6</b>	<b>6.1</b>
Canada <sup>1</sup> .....	18,769	19,826	20,654	14,975	12,029	11,178	-5.3	11.8	5.9
Mexico .....	819	1,411	1,543	1,899	1,509	92	-41.9	-14.2	27.5
Other <sup>2</sup> .....	24	7	119	73	72	184	228.4	-23.8	-20.1
<b>South America Total</b> .....	<b>4,823</b>	<b>4,521</b>	<b>7,034</b>	<b>8,214</b>	<b>7,505</b>	<b>7,661</b>	<b>6.7</b>	<b>-10.5</b>	<b>-5.0</b>
Argentina .....	204	3	324	325	304	429	NM	-9.4	-7.9
Brazil .....	4,536	4,442	6,475	7,455	6,540	7,052	2.1	-8.7	-4.8
Chile .....	53	43	51	146	574	135	21.7	-45.0	-9.9
Other <sup>2</sup> .....	30	32	185	288	87	45	-5.3	-23.4	-4.3
<b>Europe Total</b> .....	<b>24,969</b>	<b>22,508</b>	<b>33,773</b>	<b>41,331</b>	<b>47,193</b>	<b>65,520</b>	<b>10.9</b>	<b>-14.7</b>	<b>-10.2</b>
Belgium & Luxembourg .....	2,890	2,073	3,195	4,319	4,569	7,464	39.4	-10.8	-10.0
Bulgaria .....	919	522	989	1,114	1,387	946	75.9	-9.8	-3
Denmark .....	77	-	274	350	1,316	4,658	-	-50.8	-36.6
Finland .....	317	233	463	662	704	530	36.2	-18.0	-5.5
France .....	3,044	2,522	3,192	3,398	3,852	9,509	20.7	-5.7	-11.9
Germany, FR .....	976	573	1,247	870	1,055	1,742	70.3	-1.9	-6.2
Hungary .....	72	-	-	*	-	-	-	-	-
Iceland .....	53	51	39	54	62	45	4.1	-3.6	1.9
Ireland .....	502	868	1,150	637	765	1,313	-42.1	-10.0	-10.1
Italy .....	3,711	4,014	5,317	7,019	9,204	11,274	-7.5	-20.3	-11.6
Netherlands .....	2,623	3,432	4,516	4,825	7,058	9,625	-23.5	-21.9	-13.4
Norway .....	130	86	93	96	85	200	50.1	11.1	-4.7
Portugal .....	596	745	746	1,470	1,803	1,629	-20.0	-24.2	-10.6
Romania .....	489	322	1,097	2,244	1,512	1,147	52.0	-24.6	-9.0
Spain .....	2,686	2,472	3,156	4,134	4,093	4,694	8.6	-10.0	-6.0
Sweden .....	708	638	757	834	1,070	1,239	10.8	-9.8	-6.0
Turkey .....	1,809	795	1,592	2,092	2,167	2,186	127.6	-4.4	-2.1
United Kingdom .....	3,294	3,162	5,947	7,185	6,196	6,171	4.2	-14.6	-6.7
Yugoslavia, FR .....	73	-	-	-	-	979	-	-	-25.1
Other <sup>2</sup> .....	*	1	3	29	296	169	-82.3	-84.1	-53.0
<b>Asia Total</b> .....	<b>6,702</b>	<b>9,157</b>	<b>12,311</b>	<b>14,498</b>	<b>17,980</b>	<b>21,788</b>	<b>-26.8</b>	<b>-21.9</b>	<b>-12.3</b>
China (Taiwan) .....	386	1,215	1,519	2,241	2,441	4,547	-68.3	-36.9	-24.0
Israel .....	62	603	527	593	1,202	651	-89.8	-52.4	-23.0
Japan .....	4,446	4,953	7,734	7,974	10,529	12,269	-10.2	-19.4	-10.7
Korea, Republic of .....	1,768	2,365	2,453	3,489	3,773	3,711	-25.2	-17.3	-7.9
Other <sup>2</sup> .....	40	21	78	201	36	611	91.7	3.0	-26.1
<b>Oceania &amp; Australia Total</b> .....	<b>*</b>	<b>*</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>*</b>	<b>216.2</b>	<b>-27.4</b>	<b>7.4</b>
Other <sup>2</sup> .....	*	*	5	1	1	*	216.2	-27.4	7.4
<b>Africa Total</b> .....	<b>2,383</b>	<b>1,046</b>	<b>2,609</b>	<b>2,554</b>	<b>4,184</b>	<b>2,545</b>	<b>127.9</b>	<b>-13.1</b>	<b>-7</b>
Algeria .....	296	317	343	264	177	522	-6.6	13.8	-6.1
Egypt .....	753	260	891	1,130	1,038	769	189.8	-7.7	-2
Morocco .....	909	-	68	142	1,650	1,013	-	-13.8	-1.2
South Africa, Rep of .....	424	469	1,299	987	1,320	239	-9.5	-24.7	6.6
Other <sup>2</sup> .....	1	*	8	31	-	2	NM	-	-13.2
<b>Total</b> .....	<b>58,489</b>	<b>58,476</b>	<b>78,048</b>	<b>83,545</b>	<b>90,473</b>	<b>108,969</b>	<b>*</b>	<b>-10.3</b>	<b>-6.7</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Note: Totals may not equal sum of components due to independent rounding.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."



**Table 77. U.S. Metallurgical Coal Exports by Destination, 1991, 1996-2000**

(Thousand Short Tons)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>4,251</b>	<b>4,277</b>	<b>4,947</b>	<b>5,355</b>	<b>6,500</b>	<b>4,060</b>	<b>-0.6</b>	<b>-10.1</b>	<b>0.5</b>
Canada <sup>1</sup> .....	3,859	4,277	4,927	4,891	6,030	4,019	-9.8	-10.5	-4
Mexico .....	391	1	20	463	470	41	NM	-4.5	28.6
Other <sup>2</sup> .....	*	*	-	-	-	*	-43.9	-	-6.9
<b>South America Total</b> .....	<b>4,714</b>	<b>4,424</b>	<b>6,822</b>	<b>7,641</b>	<b>6,814</b>	<b>7,416</b>	<b>6.5</b>	<b>-8.8</b>	<b>-4.9</b>
Argentina .....	203	-	303	277	291	428	-	-8.6	-8.0
Brazil .....	4,512	4,418	6,458	7,364	6,445	6,958	2.1	-8.5	-4.7
Chile .....	*	-	-	-	78	30	-	-85.4	-52.7
Other <sup>2</sup> .....	*	6	60	-	*	-	-98.3	-16.0	-
<b>Europe Total</b> .....	<b>20,029</b>	<b>18,313</b>	<b>26,002</b>	<b>28,802</b>	<b>28,253</b>	<b>38,544</b>	<b>9.4</b>	<b>-8.2</b>	<b>-7.0</b>
Belgium & Luxembourg .....	2,583	2,020	2,925	3,372	3,445	5,531	27.9	-6.9	-8.1
Bulgaria .....	919	522	989	1,114	1,214	946	75.9	-6.7	-3
Denmark .....	-	-	-	-	-	568	-	-	-
Finland .....	317	233	463	501	540	389	36.2	-12.4	-2.2
France .....	2,421	2,491	3,103	3,056	3,084	5,851	-2.8	-5.9	-9.3
Germany, FR .....	461	136	380	650	538	561	238.5	-3.8	-2.1
Hungary .....	72	-	-	*	-	-	-	-	-
Iceland .....	53	51	39	54	54	40	4.1	-4	3.3
Ireland .....	-	-	-	121	-	-	-	-	-
Italy .....	3,635	3,998	4,554	4,581	5,293	6,489	-9.1	-9.0	-6.2
Netherlands .....	1,912	2,569	4,115	4,114	4,142	4,598	-25.6	-17.6	-9.3
Norway .....	47	86	86	90	61	101	-45.9	-6.5	-8.2
Portugal .....	218	369	278	214	174	74	-40.8	5.8	12.7
Romania .....	489	322	1,097	2,148	1,512	1,003	52.0	-24.6	-7.7
Spain .....	2,197	1,676	2,398	2,251	2,103	3,402	31.1	1.1	-4.7
Sweden .....	708	638	757	834	987	1,231	10.8	-8.0	-6.0
Turkey .....	1,747	794	1,589	2,087	2,027	2,066	120.1	-3.6	-1.8
United Kingdom .....	2,250	2,407	3,228	3,615	3,081	4,657	-6.5	-7.5	-7.8
Yugoslavia, FR .....	-	-	-	-	-	869	-	-	-
Other <sup>2</sup> .....	-	-	-	-	-	168	-	-	-
<b>Asia Total</b> .....	<b>2,360</b>	<b>4,068</b>	<b>6,788</b>	<b>7,978</b>	<b>8,814</b>	<b>12,894</b>	<b>-42.0</b>	<b>-28.1</b>	<b>-17.2</b>
China (Taiwan) .....	128	126	345	555	376	459	1.3	-23.6	-13.2
Israel .....	61	-	73	137	265	109	-	-30.7	-6.2
Japan .....	939	2,217	4,329	4,791	5,552	9,395	-57.6	-35.9	-22.6
Korea, Republic of .....	1,208	1,713	2,029	2,472	2,597	2,931	-29.5	-17.4	-9.4
Other <sup>2</sup> .....	24	12	12	23	24	-	100.6	.8	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	3	-	-	-	-	-	-
<b>Africa Total</b> .....	<b>1,473</b>	<b>1,046</b>	<b>2,532</b>	<b>2,379</b>	<b>2,570</b>	<b>1,731</b>	<b>40.8</b>	<b>-13.0</b>	<b>-1.8</b>
Algeria .....	296	317	343	264	177	522	-6.6	13.8	-6.1
Egypt .....	752	260	890	1,128	1,037	768	189.5	-7.7	-2
Morocco .....	-	-	-	-	37	202	-	-	-
South Africa, Rep of .....	424	469	1,299	987	1,320	239	-9.5	-24.7	6.6
Other <sup>2</sup> .....	*	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>32,826</b>	<b>32,128</b>	<b>47,093</b>	<b>52,154</b>	<b>52,950</b>	<b>64,645</b>	<b>2.2</b>	<b>-11.3</b>	<b>-7.3</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Note: Totals may not equal sum of components due to independent rounding.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 78. U.S. Steam Coal Exports by Destination, 1991, 1996-2000**

(Thousand Short Tons)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>15,362</b>	<b>16,967</b>	<b>17,368</b>	<b>11,592</b>	<b>7,110</b>	<b>7,394</b>	<b>-9.4</b>	<b>21.2</b>	<b>8.5</b>
Canada <sup>1</sup> .....	14,910	15,549	15,727	10,084	5,999	7,159	-4.1	25.5	8.5
Mexico.....	428	1,410	1,522	1,435	1,039	52	-69.7	-19.9	26.5
Other <sup>2</sup> .....	24	7	119	73	72	184	229.9	-23.8	-20.1
<b>South America Total</b> .....	<b>108</b>	<b>96</b>	<b>213</b>	<b>573</b>	<b>691</b>	<b>245</b>	<b>12.3</b>	<b>-37.1</b>	<b>-8.7</b>
Argentina.....	2	3	21	48	13	1	-52.6	-41.3	5.1
Brazil.....	24	24	17	90	95	94	.5	-28.9	-13.9
Chile.....	53	43	51	146	496	105	21.6	-42.9	-7.4
Other <sup>2</sup> .....	30	26	124	288	87	45	16.2	-23.4	-4.4
<b>Europe Total</b> .....	<b>4,941</b>	<b>4,195</b>	<b>7,771</b>	<b>12,530</b>	<b>18,940</b>	<b>26,975</b>	<b>17.8</b>	<b>-28.5</b>	<b>-17.2</b>
Belgium & Luxembourg.....	307	53	270	947	1,125	1,933	480.3	-27.7	-18.5
Bulgaria.....	-	-	-	-	173	-	-	-	-
Denmark.....	77	-	274	350	1,316	4,090	-	-50.8	-35.7
Finland.....	-	-	-	160	164	142	-	-	-
France.....	622	30	89	342	769	3,658	NM	-5.1	-17.9
Germany, FR.....	515	437	867	221	517	1,181	17.9	-1	-8.8
Iceland.....	*	-	-	-	8	5	-	-76.8	-45.6
Ireland.....	502	868	1,150	516	765	1,313	-42.1	-10.0	-10.1
Italy.....	76	15	764	2,438	3,911	4,785	401.0	-62.6	-36.8
Netherlands.....	711	862	401	711	2,917	5,027	-17.5	-29.7	-19.5
Norway.....	83	-	7	7	24	99	-	36.5	-1.9
Portugal.....	378	377	468	1,256	1,628	1,555	.3	-30.6	-14.5
Romania.....	-	-	-	96	-	144	-	-	-
Spain.....	489	796	758	1,883	1,990	1,292	-38.5	-29.6	-10.2
Sweden.....	-	-	-	-	83	8	-	-	-
Turkey.....	62	1	3	5	140	120	NM	-18.3	-7.0
United Kingdom.....	1,044	755	2,719	3,570	3,115	1,514	38.3	-23.9	-4.0
Yugoslavia, FR.....	73	-	-	-	-	110	-	-	-4.5
Other <sup>2</sup> .....	*	1	3	29	296	1	-82.3	-84.1	-16.1
<b>Asia Total</b> .....	<b>4,342</b>	<b>5,089</b>	<b>5,523</b>	<b>6,520</b>	<b>9,166</b>	<b>8,894</b>	<b>-14.7</b>	<b>-17.0</b>	<b>-7.6</b>
China (Taiwan).....	258	1,089	1,174	1,686	2,066	4,088	-76.3	-40.5	-26.4
Israel.....	*	603	454	456	936	542	-99.9	-85.9	-55.5
Japan.....	3,507	2,736	3,406	3,183	4,976	2,874	28.2	-8.4	2.2
Korea, Republic of.....	560	652	424	1,017	1,175	779	-14.0	-16.9	-3.6
Other <sup>2</sup> .....	16	9	66	178	12	611	79.6	6.8	-33.3
<b>Oceania &amp; Australia Total</b> .....	<b>*</b>	<b>*</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>*</b>	<b>216.2</b>	<b>-27.4</b>	<b>7.4</b>
Other <sup>2</sup> .....	*	*	2	1	1	*	216.2	-27.4	7.4
<b>Africa Total</b> .....	<b>910</b>	<b>*</b>	<b>77</b>	<b>175</b>	<b>1,615</b>	<b>814</b>	<b>NM</b>	<b>-13.3</b>	<b>1.2</b>
Egypt.....	1	-	1	2	1	1	-	.9	-1.4
Morocco.....	909	-	68	142	1,614	811	-	-13.4	1.3
Other <sup>2</sup> .....	*	*	8	31	-	2	75.0	-	-26.0
<b>Total</b> .....	<b>25,662</b>	<b>26,347</b>	<b>30,954</b>	<b>31,390</b>	<b>37,522</b>	<b>44,323</b>	<b>-2.6</b>	<b>-9.1</b>	<b>-5.9</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Note: Totals may not equal sum of components due to independent rounding.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 79. Coal Exports by Customs District, 1991, 1996-2000**  
(Thousand Short Tons)

Customs District	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Eastern Total</b> .....	<b>37,515</b>	<b>32,444</b>	<b>48,667</b>	<b>52,806</b>	<b>58,161</b>	<b>69,185</b>	<b>15.6</b>	<b>-10.4</b>	<b>-6.6</b>
Boston, MA.....	25	-	-	22	-	-	-	-	-
Baltimore, MD.....	6,099	4,834	6,576	6,297	11,221	9,790	26.2	-14.1	-5.1
Portland, ME.....	95	396	400	1	*	-	-76.0	481.4	-
Buffalo, NY.....	8,963	3,118	5,144	3,594	2,263	773	187.5	41.1	31.3
New York City, NY.....	2	1	9	3	6	5	12.2	-29.1	-11.8
Ogdensburg, NY.....	271	117	85	92	116	110	130.6	23.6	10.5
Philadelphia, PA.....	64	167	202	265	406	639	-62.0	-37.1	-22.6
Norfolk, VA.....	21,997	23,810	36,252	42,533	44,148	57,868	-7.6	-16.0	-10.2
St. Albans, VT.....	*	*	-	1	1	*	21.7	-13.3	-8
<b>Southern Total</b> .....	<b>8,242</b>	<b>7,091</b>	<b>11,261</b>	<b>15,327</b>	<b>16,077</b>	<b>25,667</b>	<b>16.2</b>	<b>-15.4</b>	<b>-11.9</b>
Mobile, AL.....	6,050	2,683	4,537	5,379	5,897	8,743	125.5	.6	-4.0
Savannah, GA.....	*	1	2	37	-	*	-91.8	-	-5.5
Miami, FL.....	2	1	2	1	2	2	102.3	1.8	-1
Tampa, FL.....	*	-	*	*	-	11	-	-	-49.5
New Orleans, LA.....	1,277	2,923	4,848	7,639	8,669	15,494	-56.3	-38.0	-24.2
Wilmington, NC.....	*	*	*	*	*	-	2.1	93.3	-
San Juan, PR.....	-	28	40	83	*	*	-	-	-
Charleston, SC.....	1	3	*	164	154	1,161	-59.9	-69.1	-52.6
El Paso, TX.....	9	-	-	*	-	*	-	-	72.8
Houston-Galveston, TX.....	112	74	299	560	297	206	52.3	-21.6	-6.5
Laredo, TX.....	789	1,377	1,533	1,463	1,057	49	-42.7	-7.1	36.1
<b>Western Total</b> .....	<b>4,216</b>	<b>3,698</b>	<b>3,793</b>	<b>4,771</b>	<b>6,832</b>	<b>4,430</b>	<b>14.0</b>	<b>-11.4</b>	<b>-5</b>
Anchorage, AK.....	560	618	343	740	784	777	-9.4	-8.1	-3.6
Nogales, AZ.....	-	*	*	-	*	-	-	-	-
Los Angeles, CA.....	3,646	3,049	3,440	3,785	5,899	2,840	19.6	-11.3	2.8
San Diego, CA.....	1	12	3	*	-	2	-92.4	-	-8.9
San Francisco, CA.....	6	*	3	104	1	33	NM	72.5	-17.8
Great Falls, MT.....	2	3	3	1	*	-	-42.8	35.5	-
Portland, OR.....	-	15	-	41	-	576	-	-	-
Seattle, WA.....	2	1	1	100	147	202	41.5	-66.2	-40.4
<b>Northern Total</b> .....	<b>8,479</b>	<b>15,220</b>	<b>14,291</b>	<b>10,616</b>	<b>9,358</b>	<b>9,635</b>	<b>-44.3</b>	<b>-2.4</b>	<b>-1.4</b>
Chicago, IL.....	83	5	-	21	-	*	NM	-	109.2
Detroit, MI.....	1,204	1,974	2,485	2,283	3,804	520	-39.0	-25.0	9.8
Duluth, MN.....	518	3,319	1,093	128	247	130	-84.4	20.3	16.6
Pembina, ND.....	58	59	63	1	1	*	-2.9	200.6	60.6
Cleveland, OH.....	6,616	9,863	10,651	8,183	5,306	8,985	-32.9	5.7	-3.3
Milwaukee, WI.....	-	-	*	-	-	-	-	-	-
<b>Other Ports</b> .....	<b>38</b>	<b>23</b>	<b>35</b>	<b>25</b>	<b>45</b>	<b>51</b>	<b>63.4</b>	<b>-4.2</b>	<b>-3.3</b>
<b>Total</b> .....	<b>58,489</b>	<b>58,476</b>	<b>78,048</b>	<b>83,545</b>	<b>90,473</b>	<b>108,969</b>	<b>*</b>	<b>-10.3</b>	<b>-6.7</b>

\* Data round to zero.

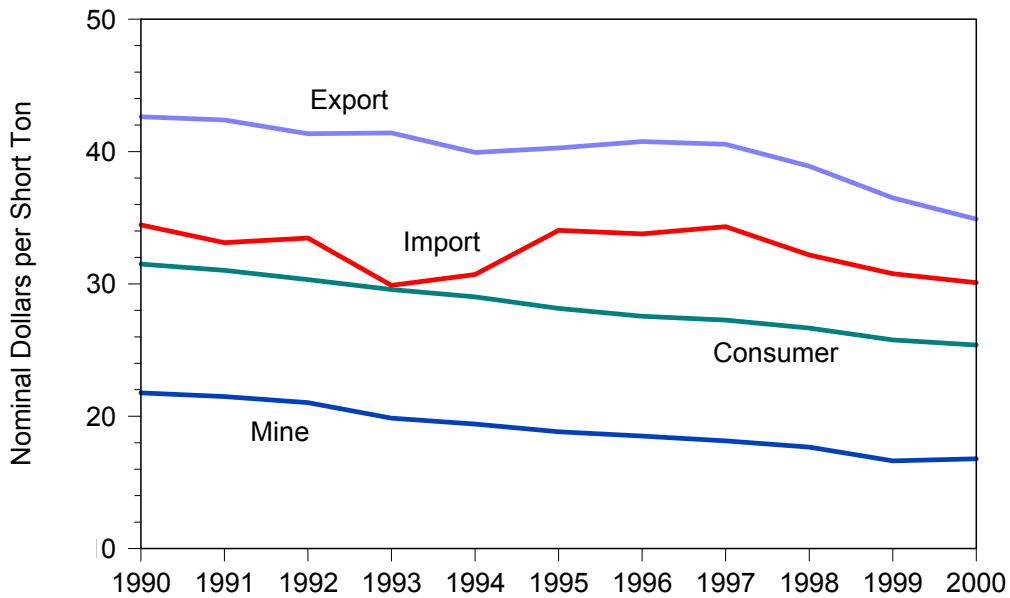
NM Not meaningful as value is greater than 500 percent.

Note: Totals may not equal sum of components due to independent rounding.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

# Coal Prices

**Figure 12. Coal Prices, 1990-2000**



Notes: Average mine prices exclude mines producing less than 10,000 short tons of coal during the year. Mine Price is calculated by dividing the total free on board (f.o.b.) mine value of the coal produced by the total production. Consumer Price is based on the cost including insurance and freight (C.I.F. cost) for electric utilities, and insurance, freight and taxes for manufacturing and coke plants, and does not include the residential and commercial sector. Export Price is based on the free alongside ship (f.a.s.) value. Import Price is based on the customers import value.

Sources: • Mine Price: Energy Information Administration (EIA), Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report." • Consumer Prices: Federal Regulatory Commission (FERC), FERC Form 423, "Monthly Report on Cost and Quality of Fuels for Electric Plants"; EIA, Form EIA-5, "Coke Plant Report – Quarterly" and Form EIA-3, "Quarterly Coal Consumption Report – Manufacturing Plants." • Export Prices: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545." • Import Prices: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

# Mine Prices

**Table 80. Average Price of Coal by State, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	\$33.37	\$35.29	\$37.23	\$38.48	\$39.48	\$41.14	-5.4	-4.1	-2.3
Alaska.....	w	w	w	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w	w	w	w
Arkansas.....	-	w	w	w	-	w	w	-	w
California.....	-	-	-	-	-	w	-	-	-
Colorado.....	\$17.27	\$17.23	\$17.30	\$18.46	\$17.94	\$22.18	.2	-9	-2.7
Illinois.....	22.78	22.90	22.86	21.44	22.74	28.35	-5	*	-2.4
Indiana.....	19.79	19.99	19.68	19.62	20.24	23.58	-1.0	-5	-1.9
Iowa.....	-	-	-	-	-	w	-	-	-
Kansas.....	w	w	w	w	w	w	w	w	w
Kentucky Total.....	\$23.80	\$23.50	\$23.82	\$23.72	\$23.91	\$25.45	1.3	-1	-7
Eastern.....	24.58	24.14	24.59	24.65	24.98	26.37	1.8	-4	-8
Western.....	20.69	21.15	21.01	20.49	20.38	22.88	-2.2	.4	-1.1
Louisiana.....	w	w	w	w	w	w	w	w	w
Maryland.....	\$23.01	\$23.27	\$24.35	\$23.26	\$24.40	\$25.73	-1.1	-1.4	-1.2
Mississippi.....	w	w	-	-	-	-	w	-	-
Missouri.....	w	w	20.78	16.87	23.31	w	w	w	w
Montana.....	\$8.87	\$8.82	8.25	9.84	9.96	\$10.76	.6	-2.9	-2.1
New Mexico.....	20.87	20.97	20.68	21.83	24.66	23.25	-5	-4.1	-1.2
North Dakota.....	8.35	8.01	8.01	8.06	8.01	7.84	4.3	1.0	.7
Ohio.....	38.30	28.18	27.56	23.66	24.85	27.75	35.9	11.4	3.6
Oklahoma.....	25.21	26.70	26.02	26.32	26.54	28.52	-5.6	-1.3	-1.4
Pennsylvania Total.....	23.84	24.14	25.87	25.98	25.78	29.40	-1.2	-1.9	-2.3
Anthracite.....	40.90	35.13	42.91	35.12	36.78	36.34	16.4	2.7	1.3
Bituminous.....	22.77	23.43	24.75	25.41	24.98	29.06	-2.8	-2.3	-2.7
Tennessee.....	27.04	29.24	28.69	27.03	27.79	26.74	-7.5	-7	.1
Texas.....	13.00	12.46	12.47	12.15	12.17	12.21	4.3	1.7	.7
Utah.....	17.56	17.33	18.47	17.61	21.63	22.59	1.3	-5.1	-2.8
Virginia.....	25.95	26.30	28.69	28.24	28.45	27.45	-1.3	-2.3	-6
Washington.....	w	w	w	w	w	w	w	w	w
West Virginia Total.....	\$25.37	\$25.57	\$27.07	\$26.64	\$26.58	\$28.62	-8	-1.2	-1.3
Northern.....	22.64	22.98	25.62	25.86	24.86	30.16	-1.5	-2.3	-3.1
Southern.....	26.22	26.39	27.57	26.90	27.21	27.93	-6	-9	-7
Wyoming.....	5.50	5.38	5.41	6.00	6.41	8.09	2.4	-3.7	-4.2
<b>Appalachian Total<sup>1</sup>.....</b>	<b>25.99</b>	<b>25.58</b>	<b>26.85</b>	<b>26.55</b>	<b>26.78</b>	<b>28.69</b>	<b>1.6</b>	<b>-7</b>	<b>-1.1</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>18.37</b>	<b>18.52</b>	<b>18.45</b>	<b>17.91</b>	<b>18.41</b>	<b>21.86</b>	<b>-8</b>	<b>*</b>	<b>-1.9</b>
<b>Western Total<sup>1</sup>.....</b>	<b>8.73</b>	<b>8.59</b>	<b>8.76</b>	<b>9.52</b>	<b>10.03</b>	<b>11.71</b>	<b>1.7</b>	<b>-3.4</b>	<b>-3.2</b>
<b>East of Miss. River.....</b>	<b>25.16</b>	<b>24.77</b>	<b>25.78</b>	<b>25.39</b>	<b>25.70</b>	<b>27.97</b>	<b>1.6</b>	<b>-5</b>	<b>-1.2</b>
<b>West of Miss. River.....</b>	<b>9.22</b>	<b>9.07</b>	<b>9.25</b>	<b>9.92</b>	<b>10.40</b>	<b>12.06</b>	<b>1.7</b>	<b>-2.9</b>	<b>-2.9</b>
<b>U.S. Total.....</b>	<b>16.78</b>	<b>16.63</b>	<b>17.67</b>	<b>18.14</b>	<b>18.50</b>	<b>21.49</b>	<b>.9</b>	<b>-2.4</b>	<b>-2.7</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: For 1997 and prior years, average mine price is calculated by dividing the total free on board (f.o.b.) mine value of the coal produced by the total production. For 1998 and forward, average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. A measure of dispersion of the 2000 average prices at the State level (interquartile range) is given in Appendix D, Table D1. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 81. Average Real Price of Coal by State, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	\$31.21	\$33.68	\$36.07	\$37.74	\$39.48	\$45.88	-7.3	-5.7	-4.2
Alaska.....	w	w	w	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w	w	w	w
Arkansas.....	-	w	w	w	-	w	w	-	w
California.....	-	-	-	-	-	w	-	-	-
Colorado.....	\$16.15	\$16.45	\$16.76	\$18.11	\$17.94	\$24.74	-1.8	-2.6	-4.6
Illinois.....	21.31	21.86	22.15	21.03	22.74	31.62	-2.5	-1.6	-4.3
Indiana.....	18.51	19.08	19.06	19.24	20.24	26.30	-3.0	-2.2	-3.8
Iowa.....	-	-	-	-	-	w	-	-	-
Kansas.....	w	w	w	w	w	w	w	w	w
Kentucky Total.....	\$22.26	\$22.43	\$23.07	\$23.26	\$23.91	\$28.39	-8	-1.8	-2.7
Eastern.....	22.99	23.04	23.82	24.18	24.98	29.41	-2	-2.0	-2.7
Western.....	19.35	20.19	20.35	20.10	20.38	25.52	-4.1	-1.3	-3.0
Louisiana.....	w	w	w	w	w	w	w	w	w
Maryland.....	\$21.52	\$22.21	\$23.59	\$22.81	\$24.40	\$28.69	-3.1	-3.1	-3.1
Mississippi.....	w	w	-	-	-	-	w	-	-
Missouri.....	w	w	20.13	16.55	23.31	w	w	w	w
Montana.....	\$8.29	\$8.41	8.00	9.66	9.96	\$12.00	-1.4	-4.5	-4.0
New Mexico.....	19.52	20.02	20.03	21.41	24.66	25.94	-2.5	-5.7	-3.1
North Dakota.....	7.81	7.64	7.76	7.91	8.01	8.74	2.2	-6	-1.2
Ohio.....	35.82	26.90	26.70	23.21	24.85	30.95	33.2	9.6	1.6
Oklahoma.....	23.57	25.48	25.21	25.82	26.54	31.81	-7.5	-2.9	-3.3
Pennsylvania Total.....	22.30	23.04	25.07	25.48	25.78	32.79	-3.2	-3.6	-4.2
Anthracite.....	38.26	33.53	41.57	34.44	36.78	40.53	14.1	1.0	-6
Bituminous.....	21.29	22.36	23.98	24.92	24.98	32.41	-4.8	-3.9	-4.5
Tennessee.....	25.29	27.91	27.80	26.51	27.79	29.82	-9.4	-2.3	-1.8
Texas.....	12.16	11.89	12.08	11.92	12.17	13.62	2.2	*	-1.2
Utah.....	16.42	16.54	17.89	17.27	21.63	25.20	-7	-6.6	-4.6
Virginia.....	24.27	25.11	27.79	27.70	28.45	30.62	-3.3	-3.9	-2.5
Washington.....	w	w	w	w	w	w	w	w	w
West Virginia Total.....	\$23.73	\$24.40	\$26.23	\$26.13	\$26.58	\$31.92	-2.8	-2.8	-3.2
Northern.....	21.18	21.94	24.82	25.37	24.86	33.64	-3.4	-3.9	-5.0
Southern.....	24.52	25.19	26.71	26.38	27.21	31.15	-2.6	-2.6	-2.6
Wyoming.....	5.15	5.13	5.24	5.89	6.41	9.03	.3	-5.3	-6.0
<b>Appalachian Total<sup>1</sup>.....</b>	<b>24.30</b>	<b>24.42</b>	<b>26.01</b>	<b>26.04</b>	<b>26.78</b>	<b>32.00</b>	<b>-5</b>	<b>-2.4</b>	<b>-3.0</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>17.18</b>	<b>17.68</b>	<b>17.88</b>	<b>17.57</b>	<b>18.41</b>	<b>24.39</b>	<b>-2.8</b>	<b>-1.7</b>	<b>-3.8</b>
<b>Western Total<sup>1</sup>.....</b>	<b>8.17</b>	<b>8.20</b>	<b>8.49</b>	<b>9.34</b>	<b>10.03</b>	<b>13.06</b>	<b>-3</b>	<b>-5.0</b>	<b>-5.1</b>
<b>East of Miss. River.....</b>	<b>23.53</b>	<b>23.64</b>	<b>24.98</b>	<b>24.91</b>	<b>25.70</b>	<b>31.20</b>	<b>-5</b>	<b>-2.2</b>	<b>-3.1</b>
<b>West of Miss. River.....</b>	<b>8.63</b>	<b>8.66</b>	<b>8.96</b>	<b>9.73</b>	<b>10.40</b>	<b>13.45</b>	<b>-4</b>	<b>-4.6</b>	<b>-4.8</b>
<b>U.S. Total.....</b>	<b>15.69</b>	<b>15.87</b>	<b>17.12</b>	<b>17.79</b>	<b>18.50</b>	<b>23.97</b>	<b>-1.1</b>	<b>-4.0</b>	<b>-4.6</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. For 1997 and prior years, average mine price is calculated by dividing the total free on board (f.o.b.) mine value of the coal produced by the total production. For 1998 and forward, average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table 82. Average Price of Coal by State and Mine Type, 2000**  
(Dollars per Short Ton)

Coal-Producing State and Region	Underground		Surface		Total	
	Nominal	Real <sup>1</sup>	Nominal	Real <sup>1</sup>	Nominal	Real <sup>1</sup>
Alabama.....	\$33.97	\$31.77	\$30.75	\$28.76	\$33.37	\$31.21
Alaska.....	—	—	w	w	w	w
Arizona.....	—	—	w	w	w	w
Colorado.....	w	w	w	w	\$17.27	\$16.15
Illinois.....	\$22.65	\$21.19	\$23.79	\$22.25	22.78	21.31
Indiana.....	w	w	w	w	19.79	18.51
Kansas.....	—	—	w	w	w	w
Kentucky Total.....	\$24.31	\$22.74	\$22.97	\$21.48	\$23.80	\$22.26
Eastern.....	25.32	23.68	23.59	22.06	24.58	22.99
Western.....	21.42	20.03	17.91	16.75	20.69	19.35
Louisiana.....	—	—	w	w	w	w
Maryland.....	w	w	w	w	\$23.01	\$21.52
Mississippi.....	—	—	w	w	w	w
Missouri.....	—	—	w	w	w	w
Montana.....	—	—	\$8.87	\$8.29	\$8.87	\$8.29
New Mexico.....	—	—	20.87	19.52	20.87	19.52
North Dakota.....	—	—	8.35	7.81	8.35	7.81
Ohio.....	\$50.92	\$47.63	23.17	21.67	38.30	35.82
Oklahoma.....	w	w	w	w	25.21	23.57
Pennsylvania Total.....	\$22.85	\$21.37	\$27.30	\$25.54	23.84	22.30
Anthracite.....	34.27	32.05	41.32	38.65	40.90	38.26
Bituminous.....	22.80	21.32	22.63	21.17	22.77	21.29
Tennessee.....	w	w	w	w	27.04	25.29
Texas.....	—	—	\$13.00	\$12.16	13.00	12.16
Utah.....	\$17.56	\$16.42	—	—	17.56	16.42
Virginia.....	26.10	24.41	25.61	23.95	25.95	24.27
Washington.....	—	—	w	w	w	w
West Virginia Total.....	25.79	24.12	\$24.67	\$23.07	\$25.37	\$23.73
Northern.....	22.55	21.09	23.26	21.75	22.64	21.18
Southern.....	27.39	25.61	24.81	23.20	26.22	24.52
Wyoming.....	w	w	w	w	5.50	5.15
<b>Appalachian Total<sup>2</sup>.....</b>	<b>26.65</b>	<b>24.92</b>	<b>24.76</b>	<b>23.15</b>	<b>25.99</b>	<b>24.30</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>22.13</b>	<b>20.70</b>	<b>16.04</b>	<b>15.00</b>	<b>18.37</b>	<b>17.18</b>
<b>Western Total<sup>2</sup>.....</b>	<b>17.02</b>	<b>15.92</b>	<b>7.84</b>	<b>7.34</b>	<b>8.73</b>	<b>8.17</b>
<b>East of Miss. River.....</b>	<b>25.89</b>	<b>24.22</b>	<b>23.83</b>	<b>22.29</b>	<b>25.16</b>	<b>23.53</b>
<b>West of Miss. River.....</b>	<b>17.08</b>	<b>15.98</b>	<b>8.46</b>	<b>7.92</b>	<b>9.22</b>	<b>8.63</b>
<b>U.S. Total.....</b>	<b>24.73</b>	<b>23.13</b>	<b>12.46</b>	<b>11.66</b>	<b>16.78</b>	<b>15.69</b>

<sup>1</sup> Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. A measure of dispersion of these average nominal prices at the State level (interquartile range) is given in Appendix D, Table D2. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 83. Average Price of Coal by State and Underground Mining Method, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Continuous <sup>1</sup>	Conventional <sup>2</sup>	Longwall <sup>3</sup>	Other <sup>4</sup>	Total
Alabama.....	\$34.55	—	\$33.96	—	\$33.97
Colorado.....	20.34	—	14.52	w	w
Illinois.....	22.89	—	22.35	—	\$22.65
Indiana.....	w	—	—	—	w
Kentucky Total.....	\$24.48	\$21.58	23.63	\$39.72	\$24.31
Eastern.....	25.39	21.58	26.50	39.72	25.32
Western.....	20.40	—	22.97	—	21.42
Maryland.....	w	—	w	—	w
Ohio.....	\$20.42	—	\$62.70	—	\$50.92
Oklahoma.....	w	—	—	—	w
Pennsylvania Total.....	\$21.56	35.00	23.03	43.56	\$22.85
Anthracite.....	32.80	35.00	—	43.56	34.27
Bituminous.....	21.31	—	23.03	—	22.80
Tennessee.....	w	—	—	—	w
Utah.....	\$14.18	—	17.95	—	\$17.56
Virginia.....	25.48	—	27.50	26.26	26.10
West Virginia Total.....	26.43	24.63	24.94	24.66	25.79
Northern.....	22.75	—	22.46	—	22.55
Southern.....	27.19	24.63	28.12	24.66	27.39
Wyoming.....	—	—	w	—	w
<b>Appalachian Total<sup>5</sup>.....</b>	<b>25.48</b>	<b>22.66</b>	<b>28.07</b>	<b>25.72</b>	<b>26.65</b>
<b>Interior Total<sup>5</sup>.....</b>	<b>21.83</b>	—	<b>22.60</b>	—	<b>22.13</b>
<b>Western Total<sup>5</sup>.....</b>	<b>15.44</b>	—	<b>16.55</b>	<b>34.30</b>	<b>17.02</b>
<b>East of Miss. River.....</b>	<b>24.78</b>	<b>22.66</b>	<b>27.27</b>	<b>25.72</b>	<b>25.89</b>
<b>West of Miss. River.....</b>	<b>16.37</b>	—	<b>16.55</b>	<b>34.30</b>	<b>17.08</b>
<b>U.S. Total.....</b>	<b>24.61</b>	<b>22.66</b>	<b>24.79</b>	<b>29.85</b>	<b>24.73</b>

<sup>1</sup> Mines that produce greater than 50 percent of coal by continuous mining method.

<sup>2</sup> Mines that produce greater than 50 percent of coal by conventional mining method, or mines that produce less than 10,000 short tons, which are not required to provide data.

<sup>3</sup> Mines that have any production from longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

<sup>4</sup> Mines that produce coal using shortwall, scoop loading, hand loading, or other mining methods or a 50/50 percent continuous/conventional split in mining method.

<sup>5</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 84. Coal Disposition, Number of Mines, and Average Price,  
by State and County, 2000**  
(Thousand Short Tons, Nominal Dollars per Short Ton)

Coal-Producing State and County	Number of Mines	Disposition	Average Price
<b>Alabama</b> .....	<b>38</b>	<b>19,062</b>	<b>33.37</b>
Bibb .....	1	66	w
Cullman .....	1	17	w
Fayette .....	1	2,612	w
Jefferson .....	7	7,265	\$42.03
Marion .....	2	88	w
Shelby .....	1	25	w
Tuscaloosa .....	7	6,655	\$27.65
Walker .....	16	2,007	30.03
Winston .....	2	329	w
<b>Alaska</b> .....	<b>1</b>	<b>1,580</b>	<b>w</b>
Yukon River .....	1	1,580	w
<b>Arizona</b> .....	<b>2</b>	<b>12,986</b>	<b>w</b>
Navajo .....	2	12,986	w
<b>Colorado</b> .....	<b>12</b>	<b>29,867</b>	<b>17.27</b>
Delta .....	1	5,057	w
Fremont .....	1	227	w
Garfield .....	1	303	w
Gunnison .....	2	5,654	w
La Plata .....	1	200	w
Moffat .....	2	7,222	w
Montrose .....	1	364	w
Rio Blanco .....	1	1,531	w
Routt .....	2	9,309	w
<b>Illinois</b> .....	<b>18</b>	<b>33,551</b>	<b>22.78</b>
Gallatin .....	3	4,222	w
Jackson .....	2	896	w
Jefferson .....	1	2,805	w
Macoupin .....	2	4,543	w
McDonough .....	1	539	w
Montgomery .....	1	2,078	w
Perry .....	1	76	w
Randolph .....	1	2,401	w
Saline .....	2	9,212	w
Sangamon .....	1	1,841	w
Vermilion .....	1	995	w
Wabash .....	1	1,525	w
White .....	1	2,418	w
<b>Indiana</b> .....	<b>30</b>	<b>28,057</b>	<b>19.79</b>
Clay .....	1	18	w
Daviess .....	4	3,666	w
Gibson .....	7	7,122	\$18.74
Greene .....	2	1,611	w
Knox .....	6	5,561	\$20.29
Owen .....	1	74	w
Parke .....	1	135	w
Pike .....	4	3,506	w
Sullivan .....	1	1,367	w
Vigo .....	1	3,903	w
Warrick .....	2	1,095	w
<b>Kansas</b> .....	<b>1</b>	<b>201</b>	<b>w</b>
Linn .....	1	201	w
<b>Kentucky</b> .....	<b>356</b>	<b>132,570</b>	<b>23.80</b>
Bell .....	18	3,068	\$25.76
Breathitt .....	4	1,042	23.87
Butler .....	1	17	w
Christian .....	1	194	w
Daviess .....	1	674	w
Floyd .....	22	2,815	\$23.97
Harlan .....	39	10,227	25.61
Henderson .....	1	1,147	w
Hopkins .....	7	6,432	\$18.87
Johnson .....	4	491	23.54
Knott .....	42	12,703	21.97
Knox .....	9	352	35.61
Laurel .....	1	29	w
Lawrence .....	2	112	w
Leslie .....	10	7,367	\$25.04
Letcher .....	39	9,700	24.78
Martin .....	21	11,020	24.30
Morgan .....	1	36	w

See footnotes at end of table.

**Table 84. Coal Disposition, Number of Mines, and Average Price, by State and County, 2000 (Continued)**  
(Thousand Short Tons, Nominal Dollars per Short Ton)

Coal-Producing State and County	Number of Mines	Disposition	Average Price
<b>Kentucky (Continued)</b>			
Muhlenberg .....	6	3,336	\$16.94
Ohio .....	3	292	w
Owsley .....	1	22	w
Perry .....	22	12,485	\$23.40
Pike .....	93	34,278	25.48
Union .....	2	5,870	w
Webster .....	3	8,696	w
Whitley .....	3	166	w
<b>Louisiana .....</b>	<b>2</b>	<b>3,696</b>	<b>w</b>
De Soto .....	1	2,926	w
Red River .....	1	770	w
<b>Maryland .....</b>	<b>12</b>	<b>4,541</b>	<b>23.01</b>
Allegany .....	7	1,206	\$23.56
Garrett .....	5	3,335	22.81
<b>Mississippi .....</b>	<b>1</b>	<b>11</b>	<b>w</b>
Choctaw .....	1	11	w
<b>Missouri .....</b>	<b>2</b>	<b>438</b>	<b>w</b>
Bates .....	2	438	w
<b>Montana .....</b>	<b>6</b>	<b>38,425</b>	<b>8.87</b>
Big Horn .....	3	26,196	w
Richland .....	1	380	w
Rosebud .....	2	11,848	w
<b>New Mexico .....</b>	<b>6</b>	<b>27,123</b>	<b>20.87</b>
Colfax .....	1	1,191	w
McKinley .....	2	10,567	w
San Juan .....	3	15,365	w
<b>North Dakota .....</b>	<b>4</b>	<b>31,092</b>	<b>8.35</b>
McLean .....	1	7,732	w
Mercer .....	2	18,946	w
Oliver .....	1	4,415	w
<b>Ohio .....</b>	<b>49</b>	<b>22,610</b>	<b>38.30</b>
Athens .....	2	629	w
Belmont .....	6	5,475	\$19.55
Carroll .....	2	47	w
Columbiana .....	2	489	w
Coshocton .....	2	57	w
Gallia .....	1	203	w
Guernsey .....	1	18	w
Harrison .....	7	3,364	\$21.28
Holmes .....	1	165	w
Jackson .....	2	1,425	w
Jefferson .....	6	675	\$22.06
Meigs .....	2	4,306	w
Morgan .....	1	1,081	w
Muskingum .....	1	679	w
Noble .....	1	369	w
Perry .....	3	965	w
Stark .....	3	681	w
Tuscarawas .....	4	783	\$18.80
Vinton .....	2	1,199	w
<b>Oklahoma .....</b>	<b>7</b>	<b>1,585</b>	<b>25.21</b>
Craig .....	1	166	w
Haskell .....	1	522	w
Latimer .....	1	16	w
Le Flore .....	3	713	\$27.14
Rogers .....	1	168	w
<b>Pennsylvania .....</b>	<b>205</b>	<b>74,397</b>	<b>23.84</b>
Allegheny .....	1	15	w
Armstrong .....	19	3,869	\$22.30
Beaver .....	1	292	w
Butler .....	3	338	w
Cambria .....	10	1,057	\$23.90
Clarion .....	5	586	24.21
Clearfield .....	24	3,353	24.39
Columbia .....	3	303	w
Dauphin .....	1	18	w
Elk .....	4	476	\$19.90
Fayette .....	5	166	23.62
Greene .....	11	42,977	22.60
Indiana .....	17	2,400	22.48

See footnotes at end of table.

**Table 84. Coal Disposition, Number of Mines, and Average Price, by State and County, 2000 (Continued)**  
(Thousand Short Tons, Nominal Dollars per Short Ton)

Coal-Producing State and County	Number of Mines	Disposition	Average Price
<b>Pennsylvania (Continued)</b>			
Jefferson .....	14	1,111	\$23.71
Lackawanna.....	1	102	w
Lawrence.....	2	87	w
Luzerne.....	8	1,252	\$19.16
Lycoming.....	1	263	w
Northumberland.....	4	915	\$72.79
Schuylkill.....	35	1,785	43.46
Somerset.....	22	4,350	19.99
Sullivan.....	2	37	w
Venango.....	1	85	w
Washington.....	7	7,960	\$24.96
Westmoreland.....	4	600	21.25
<b>Tennessee.....</b>	<b>17</b>	<b>2,652</b>	<b>27.04</b>
Anderson.....	1	41	w
Campbell.....	6	904	\$29.81
Claiborne.....	5	1,345	24.30
Cumberland.....	1	269	w
Fentress.....	1	12	w
Morgan.....	2	21	w
Scott.....	1	59	w
<b>Texas.....</b>	<b>14</b>	<b>48,747</b>	<b>13.00</b>
Atascosa.....	1	3,426	w
Freestone.....	1	4,265	w
Harrison.....	2	3,713	w
Hopkins.....	1	2,306	w
Leon.....	1	8,166	w
Milam.....	1	5,425	w
Panola.....	2	6,214	w
Robertson.....	1	1,801	w
Rusk.....	1	6,886	w
Titus.....	2	6,310	w
Webb.....	1	236	w
<b>Utah.....</b>	<b>12</b>	<b>27,773</b>	<b>17.56</b>
Carbon.....	6	7,997	\$19.60
Emery.....	3	12,709	w
Sevier.....	3	7,067	w
<b>Virginia.....</b>	<b>139</b>	<b>33,311</b>	<b>25.95</b>
Buchanan.....	46	11,395	\$26.24
Dickenson.....	27	4,456	29.24
Lee.....	4	918	23.20
Russell.....	2	153	w
Tazewell.....	6	1,572	\$28.26
Wise.....	54	14,817	24.72
<b>Washington.....</b>	<b>1</b>	<b>4,270</b>	<b>w</b>
Lewis.....	1	4,270	w
<b>West Virginia.....</b>	<b>270</b>	<b>160,206</b>	<b>25.37</b>
Barbour.....	5	633	\$22.81
Boone.....	31	32,060	25.32
Brooke.....	1	1,892	w
Clay.....	5	5,574	\$26.43
Fayette.....	7	3,761	28.98
Grant.....	4	565	27.62
Greenbrier.....	5	584	28.28
Harrison.....	12	7,680	24.77
Kanawha.....	14	14,847	24.68
Lincoln.....	2	734	w
Logan.....	22	7,619	\$23.08
Marion.....	1	24	w
Marshall.....	2	10,868	w
McDowell.....	46	5,748	\$29.04
Mineral.....	1	46	w
Mingo.....	30	21,101	\$26.36
Monongalia.....	8	6,702	21.71
Nicholas.....	8	5,059	24.25
Preston.....	5	1,199	26.54
Raleigh.....	17	10,019	29.46
Tucker.....	2	210	w
Upshur.....	10	2,878	\$21.31
Wayne.....	7	6,034	27.09
Webster.....	6	5,499	22.95
Wyoming.....	19	8,874	28.27

See footnotes at end of table.

**Table 84. Coal Disposition, Number of Mines, and Average Price,  
by State and County, 2000 (Continued)**  
(Thousand Short Tons, Nominal Dollars per Short Ton)

Coal-Producing State and County	Number of Mines	Disposition	Average Price
<b>Wyoming</b> .....	<b>21</b>	<b>338,941</b>	<b>5.50</b>
Campbell .....	12	299,600	\$4.99
Carbon .....	3	1,985	w
Converse .....	2	23,600	w
Lincoln .....	1	3,726	w
Sheridan .....	1	44	w
Sweetwater .....	2	9,986	w
<b>U.S. Total</b> .....	<b>1,226</b>	<b>1,077,693</b>	<b>16.78</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 85. Average Price by State and Coal Rank, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Bituminous	Subbituminous	Lignite	Anthracite	Total
Alabama.....	\$33.37	-	-	-	\$33.37
Alaska.....	-	w	-	-	w
Arizona.....	w	-	-	-	w
Colorado.....	\$16.59	\$19.40	-	-	\$17.27
Illinois.....	22.78	-	-	-	22.78
Indiana.....	19.79	-	-	-	19.79
Kansas.....	w	-	-	-	w
Kentucky Total.....	\$23.80	-	-	-	\$23.80
Eastern.....	24.58	-	-	-	24.58
Western.....	20.69	-	-	-	20.69
Louisiana.....	-	-	w	-	w
Maryland.....	23.01	-	-	-	\$23.01
Mississippi.....	-	-	w	-	w
Missouri.....	w	-	-	-	w
Montana.....	-	w	w	-	\$8.87
New Mexico.....	w	w	-	-	20.87
North Dakota.....	-	-	\$8.35	-	8.35
Ohio.....	\$38.30	-	-	-	38.30
Oklahoma.....	25.21	-	-	-	25.21
Pennsylvania Total.....	22.77	-	-	\$40.90	23.84
Anthracite.....	-	-	-	40.90	40.90
Bituminous.....	22.77	-	-	-	22.77
Tennessee.....	27.04	-	-	-	27.04
Texas.....	w	-	w	-	13.00
Utah.....	\$17.56	-	-	-	17.56
Virginia.....	25.95	-	-	-	25.95
Washington.....	-	w	-	-	w
West Virginia Total.....	25.37	-	-	-	\$25.37
Northern.....	22.64	-	-	-	22.64
Southern.....	26.22	-	-	-	26.22
Wyoming.....	w	w	-	-	5.50
<b>Appalachian Total<sup>1</sup>.....</b>	<b>25.83</b>	<b>-</b>	<b>-</b>	<b>40.90</b>	<b>25.99</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>21.33</b>	<b>-</b>	<b>13.24</b>	<b>w</b>	<b>18.37</b>
<b>Western Total<sup>1</sup>.....</b>	<b>18.31</b>	<b>7.12</b>	<b>8.38</b>	<b>-</b>	<b>8.73</b>
<b>East of Miss. River.....</b>	<b>25.02</b>	<b>-</b>	<b>14.35</b>	<b>40.90</b>	<b>25.16</b>
<b>West of Miss. River.....</b>	<b>18.55</b>	<b>7.12</b>	<b>11.41</b>	<b>w</b>	<b>9.22</b>
<b>U.S. Total.....</b>	<b>24.15</b>	<b>7.12</b>	<b>11.41</b>	<b>40.90</b>	<b>16.78</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 86. Average Price of U.S. Coal by Mine Production Range and Mine Type, 2000**  
(Nominal Dollars per Short Ton)

Mine Production Range (thousand short tons)	Underground	Surface	Total
Over 1,000 .....	\$24.75	\$10.60	\$14.84
500 to 1,000 .....	24.88	23.40	24.22
200 to 500 .....	24.55	24.43	24.50
100 to 200 .....	24.30	25.17	24.67
50 to 100 .....	25.22	24.01	24.67
10 to 50 .....	25.20	23.53	24.22
<b>U.S. Total .....</b>	<b>24.73</b>	<b>12.46</b>	<b>16.78</b>

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 87. Average Price of U.S. Coal by Coalbed Thickness and Mine Type, 2000**  
(Nominal Dollars per Short Ton)

Coalbed Thickness (inches)	Underground	Surface	Total
< 7 .....	-	\$32.79	\$32.79
7-12 .....	-	22.08	22.08
13-18 .....	-	21.42	21.42
19-24 .....	\$23.69	19.31	19.42
25-30 .....	23.99	21.58	21.89
31-36 .....	26.06	22.87	24.47
37-42 .....	26.16	23.01	24.68
43-48 .....	25.02	23.81	24.57
49-54 .....	35.98	22.64	31.15
55-60 .....	25.34	10.91	16.84
61-66 .....	22.90	22.18	22.71
67-72 .....	23.34	20.45	22.62
73-78 .....	26.32	23.26	26.06
79-84 .....	22.39	20.46	21.37
85-90 .....	23.89	17.56	21.05
91-96 .....	22.09	15.52	18.79
97-102 .....	17.97	23.24	20.16
103-108 .....	16.93	14.59	16.42
109-114 .....	20.55	23.62	23.14
115-120 .....	18.69	20.72	19.89
> 120 .....	18.15	7.64	8.03
<b>U.S. Total .....</b>	<b>24.73</b>	<b>12.46</b>	<b>16.78</b>

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table 88. Average Price of Coal by State and Productivity Range, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Productivity Range (short tons per miner per hour)					Total
	> = 16	8 to 16	4 to 8	2 to 4	0 to 2	
Alabama.....	-	-	\$30.44	\$33.70	\$33.68	\$33.37
Alaska.....	-	-	w	-	-	w
Arizona.....	-	-	w	-	-	w
Colorado.....	-	w	\$19.19	w	-	\$17.27
Illinois.....	-	w	22.17	\$24.27	w	22.78
Indiana.....	\$17.76	w	20.01	21.96	w	19.79
Kansas.....	-	w	-	-	-	w
Kentucky Total.....	w	\$22.81	23.56	24.71	w	\$23.80
Eastern.....	w	w	24.56	25.03	w	24.58
Western.....	-	w	20.77	21.49	-	20.69
Louisiana.....	-	w	-	-	-	w
Maryland.....	-	-	23.18	22.43	\$24.99	\$23.01
Mississippi.....	-	-	-	-	w	w
Missouri.....	-	w	-	w	-	w
Montana.....	w	w	-	-	-	\$8.87
New Mexico.....	-	w	w	-	-	20.87
North Dakota.....	w	w	-	-	-	8.35
Ohio.....	-	\$18.93	\$20.38	\$76.22	\$22.76	38.30
Oklahoma.....	-	-	w	28.63	w	25.21
Pennsylvania Total.....	\$54.57	21.93	\$22.32	25.26	\$39.10	23.84
Anthracite.....	55.21	7.54	26.99	30.29	51.74	40.90
Bituminous.....	10.25	22.34	22.23	25.03	26.81	22.77
Tennessee.....	-	-	26.77	27.37	25.90	27.04
Texas.....	11.01	13.32	w	w	-	13.00
Utah.....	16.23	17.70	\$18.18	\$17.77	-	17.56
Virginia.....	-	w	w	26.50	26.49	25.95
Washington.....	-	-	-	-	w	w
West Virginia Total.....	w	w	\$24.99	\$26.62	24.70	\$25.37
Northern.....	-	w	21.56	27.28	w	22.64
Southern.....	w	\$25.84	26.42	26.32	w	26.22
Wyoming.....	\$4.96	16.53	10.40	-	\$15.20	5.50
<b>Appalachian Total<sup>1</sup>.....</b>	<b>41.17</b>	<b>24.43</b>	<b>24.14</b>	<b>30.61</b>	<b>30.45</b>	<b>25.99</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>11.03</b>	<b>14.61</b>	<b>19.82</b>	<b>23.76</b>	<b>21.21</b>	<b>18.37</b>
<b>Western Total<sup>1</sup>.....</b>	<b>5.69</b>	<b>16.62</b>	<b>20.80</b>	<b>23.99</b>	<b>15.20</b>	<b>8.73</b>
<b>East of Miss. River.....</b>	<b>41.01</b>	<b>24.00</b>	<b>23.42</b>	<b>29.72</b>	<b>30.25</b>	<b>25.16</b>
<b>West of Miss. River.....</b>	<b>5.78</b>	<b>15.71</b>	<b>19.22</b>	<b>24.55</b>	<b>16.91</b>	<b>9.22</b>
<b>U.S. Total.....</b>	<b>6.02</b>	<b>19.64</b>	<b>22.72</b>	<b>29.36</b>	<b>30.15</b>	<b>16.78</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 89. Average Price of Underground Coal by State and Productivity Range, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Productivity Range (short tons per miner per hour)					
	> = 16	8 to 16	4 to 8	2 to 4	0 to 2	Total
Alabama .....	-	-	-	\$33.96	\$34.55	\$33.97
Colorado.....	-	\$14.55	\$18.55	w	-	w
Illinois .....	-	-	21.98	\$24.53	-	\$22.65
Indiana .....	-	-	w	w	21.66	w
Kentucky Total .....	w	22.37	\$23.95	\$24.91	27.81	\$24.31
Eastern.....	w	22.37	25.37	25.25	27.81	25.32
Western.....	-	-	21.37	w	-	21.42
Maryland.....	-	-	w	\$18.98	-	w
Ohio .....	-	-	\$19.70	99.60	-	\$50.92
Oklahoma.....	-	-	-	w	-	w
Pennsylvania Total .....	-	22.45	22.30	\$25.96	30.76	\$22.85
Anthracite.....	-	-	-	-	34.27	34.27
Bituminous.....	-	w	w	25.96	29.65	22.80
Tennessee.....	-	-	w	26.34	25.76	w
Utah.....	\$16.23	w	\$18.18	w	-	\$17.56
Virginia.....	-	\$27.48	24.31	\$26.53	26.64	26.10
West Virginia Total.....	w	w	25.20	26.87	25.05	25.79
Northern.....	-	w	21.54	27.65	w	22.55
Southern.....	w	\$27.11	27.84	26.53	w	27.39
Wyoming .....	-	w	-	-	-	w
<b>Appalachian Total<sup>1</sup>.....</b>	<b>20.90</b>	<b>24.73</b>	<b>24.28</b>	<b>31.89</b>	<b>27.84</b>	<b>26.65</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>-</b>	<b>-</b>	<b>21.66</b>	<b>23.73</b>	<b>21.66</b>	<b>22.13</b>
<b>Western Total<sup>1</sup>.....</b>	<b>16.23</b>	<b>16.40</b>	<b>18.41</b>	<b>18.47</b>	<b>-</b>	<b>17.02</b>
<b>East of Miss. River.....</b>	<b>20.90</b>	<b>24.73</b>	<b>23.69</b>	<b>30.80</b>	<b>27.65</b>	<b>25.89</b>
<b>West of Miss. River.....</b>	<b>16.23</b>	<b>16.40</b>	<b>18.41</b>	<b>19.21</b>	<b>-</b>	<b>17.08</b>
<b>U.S. Total.....</b>	<b>16.30</b>	<b>21.28</b>	<b>23.38</b>	<b>30.34</b>	<b>27.65</b>	<b>24.73</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 90. Average Price of Surface Coal by State and Productivity Range, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Productivity Range (short tons per miner per hour)					
	> = 16	8 to 16	4 to 8	2 to 4	0 to 2	Total
Alabama.....	-	-	\$30.44	\$31.18	\$29.53	\$30.75
Alaska.....	-	-	w	-	-	w
Arizona.....	-	-	w	-	-	w
Colorado.....	-	-	w	-	-	w
Illinois.....	-	-	\$25.72	w	-	\$23.79
Indiana.....	\$17.76	w	w	\$19.59	-	w
Kansas.....	-	w	-	-	-	w
Kentucky Total.....	20.80	\$22.84	\$22.94	23.72	22.07	\$22.97
Eastern.....	20.80	23.50	23.62	23.98	22.07	23.59
Western.....	-	17.05	18.10	18.68	-	17.91
Louisiana.....	-	w	-	-	-	w
Maryland.....	-	-	21.44	24.86	w	w
Mississippi.....	-	-	-	-	w	w
Missouri.....	-	w	-	w	-	w
Montana.....	8.94	\$7.00	-	-	-	\$8.87
New Mexico.....	-	18.85	24.95	-	-	20.87
North Dakota.....	8.13	10.71	-	-	-	8.35
Ohio.....	-	18.93	21.09	\$29.58	\$22.76	23.17
Oklahoma.....	-	-	w	w	21.52	w
Pennsylvania Total.....	54.57	13.12	\$22.38	\$24.62	45.59	\$27.30
Anthracite.....	55.21	7.54	26.99	30.29	56.49	41.32
Bituminous.....	10.25	18.55	21.88	24.10	21.39	22.63
Tennessee.....	-	-	w	28.92	w	w
Texas.....	11.01	13.32	\$13.04	29.58	-	\$13.00
Virginia.....	-	27.75	25.09	26.40	\$25.51	25.61
Washington.....	-	-	-	w	-	w
West Virginia Total.....	32.12	24.77	24.49	\$24.55	21.56	\$24.67
Northern.....	-	22.98	23.42	24.81	20.00	23.26
Southern.....	32.12	25.05	24.50	24.40	22.67	24.81
Wyoming.....	4.96	16.32	w	-	w	w
<b>Appalachian Total<sup>1</sup>.....</b>	<b>41.63</b>	<b>24.13</b>	<b>23.88</b>	<b>25.85</b>	<b>35.33</b>	<b>24.76</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>11.03</b>	<b>14.61</b>	<b>17.80</b>	<b>23.92</b>	<b>18.67</b>	<b>16.04</b>
<b>Western Total<sup>1</sup>.....</b>	<b>5.57</b>	<b>16.79</b>	<b>21.64</b>	<b>28.65</b>	<b>15.20</b>	<b>7.84</b>
<b>East of Miss. River.....</b>	<b>41.47</b>	<b>23.35</b>	<b>22.93</b>	<b>25.53</b>	<b>35.25</b>	<b>23.83</b>
<b>West of Miss. River.....</b>	<b>5.67</b>	<b>15.41</b>	<b>19.42</b>	<b>28.65</b>	<b>16.91</b>	<b>8.46</b>
<b>U.S. Total.....</b>	<b>5.90</b>	<b>18.63</b>	<b>21.84</b>	<b>26.07</b>	<b>34.84</b>	<b>12.46</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 91. Average Price by State and Disposition, 2000**  
(Nominal Dollars per Short Ton)

Coal-Producing State and Region	Open Market <sup>1</sup>	Captive <sup>2</sup>	Total
Alabama .....	w	w	33.37
Alaska.....	w	-	w
Arizona.....	w	-	w
Colorado.....	w	w	17.27
Illinois .....	22.78	-	22.78
Indiana.....	19.79	-	19.79
Kansas .....	w	-	w
Kentucky Total.....	23.79	24.42	23.80
Eastern.....	w	w	24.58
Western.....	w	w	20.69
Louisiana.....	w	-	w
Maryland.....	w	w	23.01
Mississippi.....	w	-	w
Missouri.....	w	-	w
Montana.....	w	w	8.87
New Mexico.....	20.87	-	20.87
North Dakota.....	w	w	8.35
Ohio.....	20.44	81.87	38.30
Oklahoma.....	25.21	-	25.21
Pennsylvania Total.....	23.73	31.78	23.84
Anthracite.....	40.32	46.47	40.90
Bituminous.....	22.78	20.96	22.77
Tennessee.....	27.04	-	27.04
Texas.....	w	w	13.00
Utah.....	w	w	17.56
Virginia.....	26.18	21.83	25.95
Washington.....	-	w	w
West Virginia Total.....	25.17	29.68	25.37
Northern.....	21.92	47.03	22.64
Southern.....	26.21	26.46	26.22
Wyoming.....	5.29	9.34	5.50
<b>Appalachian Total<sup>3</sup>.....</b>	<b>25.02</b>	<b>46.01</b>	<b>25.99</b>
<b>Interior Total<sup>3</sup>.....</b>	<b>w</b>	<b>w</b>	<b>18.37</b>
<b>Western Total<sup>3</sup>.....</b>	<b>w</b>	<b>w</b>	<b>8.73</b>
<b>East of Miss. River.....</b>	<b>24.34</b>	<b>45.98</b>	<b>25.16</b>
<b>West of Miss. River.....</b>	<b>8.65</b>	<b>13.06</b>	<b>9.22</b>
<b>U.S. Total.....</b>	<b>16.48</b>	<b>19.93</b>	<b>16.78</b>

<sup>1</sup> Open Market includes all coal sold on the open market to other coal companies or consumers.

<sup>2</sup> Captive includes all coal used by the producing company or sold to affiliated or parent companies.

<sup>3</sup> For a definition of coal-producing regions, see Appendix C.

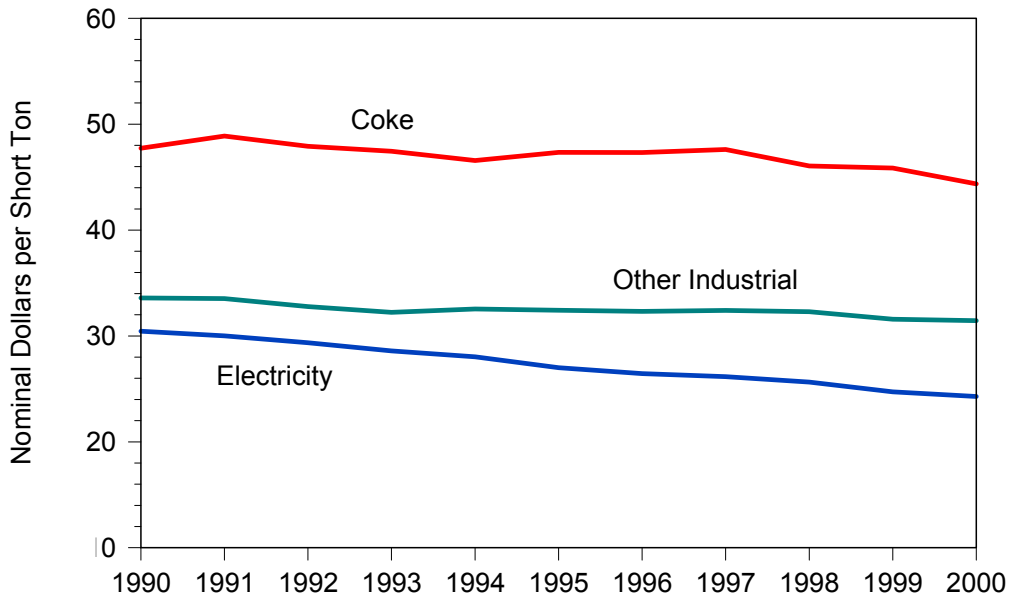
w Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report" and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

# Consumer Prices

Figure 13. U.S. Coal Prices by Sector, 1990-2000



Sources: • Electric Utilities: Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." • Coke Plants: Energy Information Administration (EIA), Form EIA-5, "Coke Plant Report – Quarterly." • Industrial: Form EIA-3, "Quarterly Coal Consumption Report – Manufacturing Plants."

**Table 92. Average Price of Coal Delivered to Electric Utilities by Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	<b>\$40.16</b>	<b>\$41.22</b>	<b>\$42.94</b>	<b>\$43.67</b>	<b>\$43.55</b>	<b>\$47.13</b>	<b>-2.6</b>	<b>-2.0</b>	<b>-1.8</b>
Connecticut.....	-	45.85	47.59	50.02	50.05	57.35	-	-	-
Massachusetts.....	45.89	45.63	42.30	42.72	42.64	45.33	.5	1.8	.1
New Hampshire.....	38.94	39.79	42.35	42.62	42.23	46.20	-2.1	-2.0	-1.9
<b>Middle Atlantic Total</b> .....	<b>31.16</b>	<b>33.48</b>	<b>34.33</b>	<b>34.39</b>	<b>35.08</b>	<b>38.99</b>	<b>-6.9</b>	<b>-2.9</b>	<b>-2.4</b>
New Jersey .....	36.66	38.23	41.71	45.94	45.53	47.76	-4.1	-5.3	-2.9
New York.....	39.11	37.77	37.44	37.32	37.15	41.19	3.5	1.3	-6
Pennsylvania.....	29.11	32.61	33.28	33.28	34.06	38.05	-10.7	-3.8	-2.9
<b>East North Central Total</b> .....	<b>26.35</b>	<b>26.60</b>	<b>27.51</b>	<b>27.68</b>	<b>28.29</b>	<b>32.63</b>	<b>-9</b>	<b>-1.8</b>	<b>-2.3</b>
Illinois.....	22.31	27.47	30.22	30.41	32.14	36.76	-18.8	-8.7	-5.4
Indiana .....	22.91	23.58	23.63	24.35	24.67	28.41	-2.8	-1.8	-2.4
Michigan.....	27.18	27.39	28.19	28.93	29.34	35.20	-8	-1.9	-2.8
Ohio .....	34.45	32.47	32.52	31.41	32.31	35.33	6.1	1.6	-3
Wisconsin.....	18.64	18.66	19.97	20.43	19.55	26.19	-1	-1.2	-3.7
<b>West North Central Total</b> .....	<b>14.69</b>	<b>14.58</b>	<b>14.91</b>	<b>15.39</b>	<b>15.53</b>	<b>19.44</b>	<b>.8</b>	<b>-1.4</b>	<b>-3.1</b>
Iowa .....	14.08	14.09	15.12	16.23	16.30	19.62	-1	-3.6	-3.6
Kansas.....	17.08	16.47	17.06	17.91	17.51	22.06	3.7	-6	-2.8
Minnesota.....	19.83	19.47	19.00	19.47	18.99	22.18	1.9	1.1	-1.2
Missouri.....	16.36	16.56	16.40	16.80	17.31	27.65	-1.2	-1.4	-5.7
Nebraska.....	9.66	9.42	10.07	10.06	12.37	12.73	2.5	-6.0	-3.0
North Dakota.....	9.45	9.56	10.01	10.21	9.72	9.37	-1.2	-7	.1
South Dakota.....	16.81	16.16	16.19	15.99	16.94	13.65	4.0	-2	2.3
<b>South Atlantic Total</b> .....	<b>34.81</b>	<b>34.84</b>	<b>35.58</b>	<b>36.34</b>	<b>36.68</b>	<b>42.18</b>	<b>-1</b>	<b>-1.3</b>	<b>-2.1</b>
Delaware.....	39.54	41.12	40.52	41.05	41.51	46.51	-3.8	-1.2	-1.8
Florida.....	38.69	39.08	40.03	41.82	42.40	45.87	-1.0	-2.3	-1.9
Georgia.....	35.65	36.29	36.31	37.28	36.54	42.95	-1.8	-6	-2.0
Maryland.....	34.44	35.69	37.63	38.75	38.49	41.83	-3.5	-2.7	-2.1
North Carolina.....	35.53	35.80	35.66	35.35	36.87	44.49	-8	-9	-2.5
South Carolina.....	35.37	36.29	37.05	37.21	37.54	41.37	-2.5	-1.5	-1.7
Virginia.....	34.09	34.11	34.73	34.98	35.73	38.87	*	-1.2	-1.4
West Virginia.....	29.57	29.22	30.06	30.68	30.93	37.93	1.2	-1.1	-2.7
<b>East South Central Total</b> .....	<b>27.28</b>	<b>28.03</b>	<b>29.10</b>	<b>28.70</b>	<b>29.35</b>	<b>33.93</b>	<b>-2.7</b>	<b>-1.8</b>	<b>-2.4</b>
Alabama.....	30.88	32.36	36.28	35.58	36.39	43.82	-4.6	-4.0	-3.8
Kentucky.....	23.74	24.52	24.52	24.20	24.43	27.19	-3.2	-7	-1.5
Mississippi.....	35.16	34.34	32.51	32.44	33.31	41.92	2.4	1.4	-1.9
Tennessee.....	25.73	26.32	26.39	26.67	27.64	30.48	-2.3	-1.8	-1.9
<b>West South Central Total</b> .....	<b>19.08</b>	<b>18.86</b>	<b>19.34</b>	<b>19.69</b>	<b>20.13</b>	<b>22.98</b>	<b>1.2</b>	<b>-1.3</b>	<b>-2.0</b>
Arkansas.....	24.68	25.19	25.53	28.56	26.15	27.90	-2.0	-1.4	-1.3
Louisiana.....	20.94	22.79	23.15	23.97	24.74	27.09	-8.1	-4.1	-2.8
Oklahoma.....	16.46	15.73	15.74	15.87	16.79	23.17	4.7	-5	-3.7
Texas.....	18.53	18.01	18.61	18.69	19.26	21.66	2.9	-1.0	-1.7
<b>Mountain Total</b> .....	<b>21.13</b>	<b>20.69</b>	<b>20.83</b>	<b>21.52</b>	<b>21.82</b>	<b>22.22</b>	<b>2.1</b>	<b>-8</b>	<b>-5</b>
Arizona.....	25.33	27.21	27.12	28.95	29.55	29.16	-6.9	-3.8	-1.5
Colorado.....	18.14	19.20	19.41	19.93	20.24	21.49	-5.5	-2.7	-1.9
Montana.....	12.12	12.26	11.36	11.52	11.90	11.44	-1.2	4	.6
Nevada.....	28.34	29.13	29.07	31.10	30.44	31.28	-2.7	-1.8	-1.1
New Mexico.....	25.38	24.27	23.72	24.23	26.04	25.02	4.5	-6	.1
Utah.....	23.66	23.96	25.97	25.22	24.66	27.40	-1.2	-1.0	-1.6
Wyoming.....	13.72	13.39	13.83	14.16	14.30	14.55	2.5	-1.0	-6
<b>Pacific Total</b> .....	<b>23.09</b>	<b>23.77</b>	<b>23.07</b>	<b>25.19</b>	<b>23.96</b>	<b>23.16</b>	<b>-2.8</b>	<b>-9</b>	<b>*</b>
Oregon.....	18.45	19.34	18.92	19.95	18.81	18.28	-4.6	-5	.1
Washington.....	28.05	25.65	24.44	26.15	24.91	24.86	9.3	3.0	1.3
<b>U.S. Total</b> .....	<b>24.28</b>	<b>24.72</b>	<b>25.64</b>	<b>26.16</b>	<b>26.45</b>	<b>30.02</b>	<b>-1.8</b>	<b>-2.1</b>	<b>-2.3</b>

\* Data round to zero.

Note: Average prices are based on the cost including insurance and freight.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 93. Average Real Price of Coal Delivered to Electric Utilities by Census Division and State, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	<b>\$37.56</b>	<b>\$39.34</b>	<b>\$41.60</b>	<b>\$42.84</b>	<b>\$43.55</b>	<b>\$52.57</b>	<b>-4.5</b>	<b>-3.6</b>	<b>-3.7</b>
Connecticut.....	-	43.76	46.10	49.07	50.05	63.96	-	-	-
Massachusetts.....	42.92	43.56	40.98	41.90	42.64	50.56	-1.5	.2	-1.8
New Hampshire.....	36.42	37.98	41.02	41.80	42.23	51.53	-4.1	-3.6	-3.8
<b>Middle Atlantic Total</b> .....	<b>29.15</b>	<b>31.96</b>	<b>33.26</b>	<b>33.73</b>	<b>35.08</b>	<b>43.48</b>	<b>-8.8</b>	<b>-4.5</b>	<b>-4.3</b>
New Jersey .....	34.29	36.49	40.41	45.07	45.53	53.26	-6.0	-6.8	-4.8
New York.....	36.58	36.05	36.27	36.61	37.15	45.94	1.4	-4	-2.5
Pennsylvania.....	27.23	31.12	32.24	32.65	34.06	42.44	-12.5	-5.4	-4.8
<b>East North Central Total</b> .....	<b>24.64</b>	<b>25.39</b>	<b>26.66</b>	<b>27.15</b>	<b>28.29</b>	<b>36.40</b>	<b>-2.9</b>	<b>-3.4</b>	<b>-4.2</b>
Illinois.....	20.86	26.22	29.27	29.83	32.14	41.00	-20.4	-10.2	-7.2
Indiana.....	21.43	22.51	22.89	23.88	24.67	31.68	-4.8	-3.5	-4.3
Michigan.....	25.42	26.15	27.31	28.38	29.34	39.26	-2.8	-3.5	-4.7
Ohio.....	32.22	30.99	31.50	30.81	32.31	39.41	4.0	-1	-2.2
Wisconsin.....	17.43	17.81	19.35	20.04	19.55	29.22	-2.1	-2.8	-5.6
<b>West North Central Total</b> .....	<b>13.74</b>	<b>13.91</b>	<b>14.45</b>	<b>15.09</b>	<b>15.53</b>	<b>21.68</b>	<b>-1.3</b>	<b>-3.0</b>	<b>-4.9</b>
Iowa.....	13.17	13.45	14.65	15.92	16.30	21.89	-2.1	-5.2	-5.5
Kansas.....	15.97	15.72	16.53	17.56	17.51	24.60	1.6	-2.3	-4.7
Minnesota.....	18.55	18.58	18.41	19.10	18.99	24.74	-1	-6	-3.1
Missouri.....	15.30	15.81	15.88	16.48	17.31	30.84	-3.2	-3.0	-7.5
Nebraska.....	9.04	8.99	9.75	9.87	12.37	14.20	.5	-7.5	-4.9
North Dakota.....	8.84	9.13	9.69	10.01	9.72	10.45	-3.1	-2.3	-1.8
South Dakota.....	15.73	15.43	15.68	15.68	16.94	15.22	1.9	-1.8	.4
<b>South Atlantic Total</b> .....	<b>32.56</b>	<b>33.25</b>	<b>34.47</b>	<b>35.64</b>	<b>36.68</b>	<b>47.04</b>	<b>-2.1</b>	<b>-2.9</b>	<b>-4.0</b>
Delaware.....	36.98	39.25	39.25	40.27	41.51	51.87	-5.8	-2.8	-3.7
Florida.....	36.19	37.30	38.78	41.02	42.40	51.16	-3.0	-3.9	-3.8
Georgia.....	33.34	34.64	35.18	36.57	36.54	47.91	-3.7	-2.3	-3.9
Maryland.....	32.21	34.07	36.45	38.01	38.49	46.65	-5.4	-4.3	-4.0
North Carolina.....	33.23	34.17	34.55	34.68	36.87	49.62	-2.7	-2.6	-4.3
South Carolina.....	33.08	34.63	35.90	36.50	37.54	46.14	-4.5	-3.1	-3.6
Virginia.....	31.89	32.56	33.65	34.31	35.73	43.35	-2.0	-2.8	-3.3
West Virginia.....	27.66	27.89	29.12	30.09	30.93	42.31	-8	-2.8	-4.6
<b>East South Central Total</b> .....	<b>25.52</b>	<b>26.75</b>	<b>28.19</b>	<b>28.15</b>	<b>29.35</b>	<b>37.84</b>	<b>-4.6</b>	<b>-3.4</b>	<b>-4.3</b>
Alabama.....	28.88	30.89	35.14	34.90	36.39	48.88	-6.5	-5.6	-5.7
Kentucky.....	22.20	23.40	23.76	23.74	24.43	30.33	-5.1	-2.3	-3.4
Mississippi.....	32.89	32.78	31.50	31.82	33.31	46.75	.3	-3	-3.8
Tennessee.....	24.07	25.12	25.57	26.16	27.64	33.99	-4.2	-3.4	-3.8
<b>West South Central Total</b> .....	<b>17.85</b>	<b>18.00</b>	<b>18.73</b>	<b>19.31</b>	<b>20.13</b>	<b>25.63</b>	<b>-9</b>	<b>-3.0</b>	<b>-3.9</b>
Arkansas.....	23.08	24.04	24.73	28.01	26.15	31.11	-4.0	-3.1	-3.3
Louisiana.....	19.59	21.75	22.42	23.51	24.74	30.22	-9.9	-5.7	-4.7
Oklahoma.....	15.40	15.01	15.25	15.57	16.79	25.85	2.6	-2.1	-5.6
Texas.....	17.33	17.19	18.03	18.34	19.26	24.16	.8	-2.6	-3.6
<b>Mountain Total</b> .....	<b>19.76</b>	<b>19.75</b>	<b>20.18</b>	<b>21.11</b>	<b>21.82</b>	<b>24.78</b>	<b>*</b>	<b>-2.4</b>	<b>-2.5</b>
Arizona.....	23.69	25.97	26.27	28.39	29.55	32.52	-8.8	-5.4	-3.5
Colorado.....	16.96	18.33	18.80	19.55	20.24	23.97	-7.4	-4.3	-3.8
Montana.....	11.33	11.70	11.01	11.30	11.90	12.76	-3.2	-1.2	-1.3
Nevada.....	26.51	27.80	28.17	30.50	30.44	34.89	-4.6	-3.4	-3.0
New Mexico.....	23.73	23.17	22.98	23.77	26.04	27.91	2.4	-2.3	-1.8
Utah.....	22.13	22.87	25.16	24.73	24.66	30.55	-3.2	-2.7	-3.5
Wyoming.....	12.83	12.78	13.40	13.89	14.30	16.22	.4	-2.7	-2.6
<b>Pacific Total</b> .....	<b>21.60</b>	<b>22.69</b>	<b>22.35</b>	<b>24.71</b>	<b>23.96</b>	<b>25.83</b>	<b>-4.8</b>	<b>-2.6</b>	<b>-2.0</b>
Oregon.....	17.26	18.46	18.33	19.57	18.81	20.39	-6.5	-2.1	-1.8
Washington.....	26.24	24.48	23.67	25.65	24.91	27.73	7.1	1.3	-6
<b>U.S. Total</b> .....	<b>22.71</b>	<b>23.60</b>	<b>24.84</b>	<b>25.66</b>	<b>26.45</b>	<b>33.49</b>	<b>-3.7</b>	<b>-3.7</b>	<b>-4.2</b>

\* Data round to zero.

Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the cost including insurance and freight.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 94. Average Price of Coal Delivered to Other Industrial Plants By Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	w	\$63.46	\$57.36	\$66.74	w	w	w
Maine .....	w	w	w	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w	w	w	w
<b>Middle Atlantic Total</b> .....	\$35.65	w	w	w	w	w	w	w	w
New Jersey .....	w	w	w	w	w	w	w	w	w
New York .....	w	w	w	\$41.52	\$40.11	\$43.79	w	w	w
Pennsylvania .....	\$34.08	\$33.63	\$34.33	34.20	33.84	35.89	1.3	0.2	-0.6
<b>East North Central Total</b> .....	33.33	33.34	33.22	33.53	34.44	35.98	*	-8	-8
Illinois .....	28.44	29.62	29.46	29.76	29.69	30.81	-3.9	-1.1	-9
Indiana .....	30.44	30.33	30.21	29.75	31.76	33.01	.3	-1.0	-9
Michigan .....	40.30	40.05	40.40	41.94	41.28	43.69	.6	-6	-9
Ohio .....	36.45	34.44	33.52	34.05	35.28	34.85	5.8	.8	.5
Wisconsin .....	39.20	38.99	40.42	40.03	40.02	43.31	.5	-5	-1.1
<b>West North Central Total</b> .....	19.07	18.78	18.72	19.02	19.05	18.34	1.5	*	.4
Iowa .....	28.69	28.22	28.19	28.92	29.32	29.15	1.7	-5	-2
Kansas .....	37.67	33.01	31.08	31.93	32.46	30.81	14.1	3.8	2.3
Minnesota .....	30.51	31.02	29.70	31.03	28.85	36.26	-1.6	1.4	-1.9
Missouri .....	31.19	29.87	30.48	30.06	31.37	31.28	4.4	-1	*
Nebraska .....	w	w	w	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w	w	w	w
South Dakota .....	\$26.01	\$25.71	\$23.99	\$23.36	\$24.90	\$16.62	1.2	1.1	5.1
<b>South Atlantic Total</b> .....	w	w	w	w	w	w	w	w	w
Delaware .....	w	w	w	w	w	w	w	w	w
Florida .....	\$43.66	\$42.62	\$44.62	\$45.13	\$45.69	\$47.42	2.4	-1.1	-9
Georgia .....	42.73	44.12	44.54	44.84	44.21	44.95	-3.2	-8	-6
Maryland .....	32.00	32.00	32.41	32.62	32.52	33.71	*	-4	-6
North Carolina .....	41.63	41.68	42.72	43.14	43.36	43.05	-1	-1.0	-4
South Carolina .....	43.20	44.13	44.03	44.23	44.08	43.19	-2.1	-5	*
Virginia .....	41.91	42.93	43.60	43.85	43.51	40.53	-2.4	-9	.4
West Virginia .....	33.42	37.86	48.24	35.31	33.37	32.08	-11.7	*	.4
<b>East South Central Total</b> .....	w	w	w	w	w	w	w	w	w
Alabama .....	\$39.30	\$39.81	\$39.49	\$40.20	\$40.15	\$40.43	-1.3	-5	-3
Kentucky .....	41.69	42.72	43.66	44.71	44.02	46.54	-2.4	-1.3	-1.2
Mississippi .....	w	w	w	w	w	w	w	w	w
Tennessee .....	\$33.94	\$35.26	\$36.62	\$36.33	\$35.21	\$35.66	-3.7	-9	-5
<b>West South Central Total</b> .....	22.99	22.87	22.91	22.42	21.79	23.31	.5	1.3	-1
Arkansas .....	43.55	43.08	41.58	42.38	43.24	45.09	1.1	.2	-4
Louisiana .....	w	w	w	w	w	w	w	w	w
Oklahoma .....	w	w	w	w	w	w	w	w	w
Texas .....	\$20.52	\$21.01	\$21.05	\$20.13	\$18.99	\$18.61	-2.3	1.9	1.1
<b>Mountain Total</b> .....	w	w	27.30	27.14	26.70	29.60	w	w	w
Arizona .....	\$41.26	\$39.88	38.67	38.81	39.27	40.09	3.4	1.2	.3
Colorado .....	24.11	23.99	23.75	25.13	23.17	29.27	.5	1.0	-2.1
Idaho .....	w	w	34.31	34.57	36.39	33.91	-7.4	w	w
Montana .....	w	w	w	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w	w	w	w
Utah .....	\$25.11	\$21.53	\$19.05	\$19.28	\$19.10	\$26.43	16.6	7.1	-6
Wyoming .....	24.87	24.26	24.10	23.68	22.32	25.19	2.5	2.7	-1
<b>Pacific Total</b> .....	40.51	41.08	43.12	43.24	42.45	45.75	-1.4	-1.2	-1.3
California .....	39.48	39.82	41.02	40.14	39.54	44.79	-9	*	-1.4
Hawaii .....	w	w	w	w	w	w	w	w	w
Oregon .....	-	w	w	w	w	w	-	-	-
Washington .....	w	w	\$56.51	\$59.80	\$58.81	\$59.16	w	w	w
<b>U.S. Total</b> .....	\$31.44	\$31.59	32.30	32.41	32.32	33.54	-5	-7	-7

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

Notes: Price data are for manufacturing plants only. Average prices are based on the cost including insurance, freight, and taxes.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption - Manufacturing Plants."



**Table 95. Average Real Price of Coal Delivered to Other Industrial Plants by  
Census Division and State, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	w	<b>\$62.24</b>	<b>\$57.36</b>	<b>\$74.44</b>	w	w	w
Maine .....	w	w	w	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w	w	w	w
<b>Middle Atlantic Total</b> .....	<b>\$33.35</b>	w	w	w	w	w	w	w	w
New Jersey .....	w	w	w	w	w	w	w	w	w
New York .....	w	w	w	\$40.72	\$40.11	\$48.84	w	w	w
Pennsylvania .....	\$31.87	\$32.10	\$33.26	33.54	33.84	40.03	-0.7	-1.5	-2.5
<b>East North Central Total</b> .....	<b>31.17</b>	<b>31.83</b>	<b>32.18</b>	<b>32.89</b>	<b>34.44</b>	<b>40.13</b>	<b>-2.1</b>	<b>-2.5</b>	<b>-2.8</b>
Illinois .....	26.60	28.27	28.54	29.19	29.69	34.36	-5.9	-2.7	-2.8
Indiana .....	28.47	28.95	29.27	29.18	31.76	36.81	-1.7	-2.7	-2.8
Michigan .....	37.69	38.23	39.14	41.14	41.28	48.73	-1.4	-2.2	-2.8
Ohio .....	34.09	32.87	32.47	33.39	35.28	38.86	3.7	-8	-1.4
Wisconsin .....	36.67	37.21	39.16	39.26	40.02	48.30	-1.5	-2.2	-3.0
<b>West North Central Total</b> .....	<b>17.84</b>	<b>17.93</b>	<b>18.14</b>	<b>18.66</b>	<b>19.05</b>	<b>20.45</b>	<b>-5</b>	<b>-1.6</b>	<b>-1.5</b>
Iowa .....	26.83	26.93	27.31	28.37	29.32	32.51	-4	-2.2	-2.1
Kansas .....	35.23	31.51	30.11	31.32	32.46	34.36	11.8	2.1	.3
Minnesota .....	28.53	29.61	28.77	30.44	28.85	40.44	-3.6	-3	-3.8
Missouri .....	29.17	28.51	29.53	29.49	31.37	34.88	2.3	-1.8	-2.0
Nebraska .....	w	w	w	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w	w	w	w
South Dakota .....	\$24.33	\$24.54	\$23.24	\$22.91	\$24.90	\$18.54	-8	-6	3.1
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware .....	w	w	w	w	w	w	w	w	w
Florida .....	\$40.83	\$40.68	\$43.23	\$44.27	\$45.69	\$52.89	.4	-2.8	-2.8
Georgia .....	39.96	42.12	43.15	43.98	44.21	50.14	-5.1	-2.5	-2.5
Maryland .....	29.93	30.55	31.40	31.99	32.52	37.60	-2.0	-2.0	-2.5
North Carolina .....	38.93	39.78	41.39	42.31	43.36	48.01	-2.1	-2.6	-2.3
South Carolina .....	40.41	42.12	42.65	43.38	44.08	48.17	-4.0	-2.1	-1.9
Virginia .....	39.20	40.98	42.24	43.01	43.51	45.20	-4.3	-2.6	-1.6
West Virginia .....	31.26	36.13	46.74	34.63	33.37	35.78	-13.5	-1.6	-1.5
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama .....	\$36.76	\$38.00	\$38.26	\$39.43	\$40.15	\$45.10	-3.3	-2.2	-2.2
Kentucky .....	38.99	40.78	42.30	43.85	44.02	51.91	-4.4	-3.0	-3.1
Mississippi .....	w	w	w	w	w	w	w	w	w
Tennessee .....	\$31.74	\$33.66	\$35.48	\$35.64	\$35.21	\$39.78	-5.7	-2.5	-2.5
<b>West South Central Total</b> .....	<b>21.51</b>	<b>21.83</b>	<b>22.20</b>	<b>21.99</b>	<b>21.79</b>	<b>26.00</b>	<b>-1.5</b>	<b>-3</b>	<b>-2.1</b>
Arkansas .....	40.73	41.12	40.28	41.57	43.24	50.29	-9	-1.5	-2.3
Louisiana .....	w	w	w	w	w	w	w	w	w
Oklahoma .....	w	w	w	w	w	w	w	w	w
Texas .....	\$19.19	\$20.05	\$20.39	\$19.74	\$18.99	\$20.75	-4.3	.3	-9
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>26.45</b>	<b>26.62</b>	<b>26.70</b>	<b>33.02</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona .....	\$38.59	\$38.06	37.47	38.06	39.27	44.72	1.4	-4	-1.6
Colorado .....	22.55	22.90	23.01	24.65	23.17	32.65	-1.5	-7	-4.0
Idaho .....	w	w	33.24	33.91	36.39	37.82	-9.3	w	w
Montana .....	w	w	w	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w	w	w	w
Utah .....	\$23.48	\$20.55	\$18.45	\$18.91	\$19.10	\$29.47	14.3	5.3	-2.5
Wyoming .....	23.26	23.15	23.35	23.23	22.32	28.09	.5	1.0	-2.1
<b>Pacific Total</b> .....	<b>37.89</b>	<b>39.21</b>	<b>41.78</b>	<b>42.42</b>	<b>42.45</b>	<b>51.03</b>	<b>-3.4</b>	<b>-2.8</b>	<b>-3.3</b>
California .....	36.92	38.01	39.74	39.38	39.54	49.96	-2.8	-1.7	-3.3
Hawaii .....	w	w	w	w	w	w	w	w	w
Oregon .....	-	w	w	w	w	w	-	-	-
Washington .....	w	w	\$54.74	\$58.66	\$58.81	\$65.99	w	w	w
<b>U.S. Total</b> .....	<b>\$29.41</b>	<b>\$30.15</b>	<b>31.30</b>	<b>31.79</b>	<b>32.32</b>	<b>37.40</b>	<b>-2.5</b>	<b>-2.3</b>	<b>-2.6</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

Notes: Price data are for manufacturing plants only. Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the cost including insurance, freight, and taxes.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption - Manufacturing Plants."

**Table 96. Average Price of Coal Delivered to Coke Plants by Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Middle Atlantic Total</b> .....	<b>\$42.90</b>	<b>\$44.33</b>	w	w	w	w	-3.2	w	w
New York .....	w	w	w	w	w	w	w	w	w
Pennsylvania .....	w	w	\$42.38	\$46.20	\$45.16	\$46.86	w	w	w
<b>East North Central Total</b> .....	<b>\$45.59</b>	<b>\$47.74</b>	<b>48.39</b>	<b>49.12</b>	<b>49.54</b>	<b>50.70</b>	<b>-4.5</b>	<b>-2.0</b>	<b>-1.2</b>
Illinois .....	w	w	w	w	w	w	w	w	w
Indiana .....	w	w	\$49.37	\$50.75	\$51.93	\$53.31	w	w	w
Michigan .....	w	w	w	w	w	w	w	w	w
Ohio .....	w	w	\$45.72	\$46.89	\$44.98	\$46.15	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maryland .....	-	-	-	-	-	-	-	-	-
Virginia .....	w	w	w	w	w	w	w	w	w
West Virginia .....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	<b>\$44.74</b>	<b>\$45.28</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>-1.2</b>	<b>w</b>	<b>w</b>
Alabama .....	w	w	\$48.73	\$50.04	\$49.37	\$48.35	w	w	w
Kentucky .....	w	w	w	w	w	w	w	w	w
Tennessee .....	-	-	-	-	-	-	-	-	-
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Utah .....	w	w	w	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$44.37</b>	<b>\$45.85</b>	<b>\$46.06</b>	<b>\$47.61</b>	<b>\$47.33</b>	<b>\$48.88</b>	<b>-3.2</b>	<b>-1.6</b>	<b>-1.1</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.  
Note: Average prices are based on the cost including insurance, freight, and taxes.  
Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

**Table 97. Average Real Price of Coal Delivered to Coke Plants by Census Division and State, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Middle Atlantic Total</b> .....	<b>\$40.12</b>	<b>\$42.31</b>	w	w	w	w	-5.2	w	w
New York .....	w	w	w	w	w	w	w	w	w
Pennsylvania .....	w	w	\$41.06	\$45.32	\$45.16	\$52.26	w	w	w
<b>East North Central Total</b> .....	<b>\$42.64</b>	<b>\$45.57</b>	<b>46.88</b>	<b>48.18</b>	<b>49.54</b>	<b>56.55</b>	<b>-6.4</b>	<b>-3.7</b>	<b>-3.1</b>
Illinois .....	w	w	w	w	w	w	w	w	w
Indiana .....	w	w	\$47.83	\$49.78	\$51.93	\$59.46	w	w	w
Michigan .....	w	w	w	w	w	w	w	w	w
Ohio .....	w	w	\$44.30	\$45.99	\$44.98	\$51.47	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maryland .....	-	-	-	-	-	-	-	-	-
Virginia .....	w	w	w	w	w	w	w	w	w
West Virginia .....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	<b>\$41.84</b>	<b>\$43.22</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>-3.2</b>	<b>w</b>	<b>w</b>
Alabama .....	w	w	\$47.21	\$49.08	\$49.37	\$53.92	w	w	w
Kentucky .....	w	w	w	w	w	w	w	w	w
Tennessee .....	-	-	-	-	-	-	-	-	-
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Utah .....	w	w	w	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$41.50</b>	<b>\$43.76</b>	<b>\$44.62</b>	<b>\$46.70</b>	<b>\$47.33</b>	<b>\$54.52</b>	<b>-5.2</b>	<b>-3.2</b>	<b>-3.0</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.  
Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the cost including insurance, freight, and taxes.  
Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

# Import/Export Prices

**Table 98. Average Price of U.S. Coal Imports by Continent and Country of Origin, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Continent and Country of Origin	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$38.05</b>	<b>\$34.23</b>	<b>\$35.38</b>	<b>\$38.11</b>	<b>\$36.51</b>	<b>\$25.10</b>	<b>11.1</b>	<b>1.0</b>	<b>4.7</b>
Canada .....	38.10	35.03	35.40	38.11	36.52	25.10	8.8	1.1	4.7
Mexico.....	22.68	21.93	20.87	-	33.43	-	3.4	-9.2	-
<b>South America Total</b> .....	<b>27.17</b>	<b>29.98</b>	<b>31.16</b>	<b>32.49</b>	<b>31.53</b>	<b>34.64</b>	<b>-9.4</b>	<b>-3.6</b>	<b>-2.7</b>
Colombia .....	26.25	29.17	31.21	32.11	31.90	32.87	-10.0	-4.7	-2.5
Venezuela .....	30.58	31.99	31.09	33.26	30.87	40.87	-4.4	-2	-3.2
<b>Europe Total</b> .....	<b>-</b>	<b>29.48</b>	<b>36.80</b>	<b>49.22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Norway .....	-	-	-	49.45	-	-	-	-	-
Spain .....	-	-	36.48	-	-	-	-	-	-
Switzerland.....	-	-	-	41.20	-	-	-	-	-
United Kingdom.....	-	29.48	42.03	-	-	-	-	-	-
<b>Asia Total</b> .....	<b>43.45</b>	<b>43.14</b>	<b>34.13</b>	<b>33.05</b>	<b>32.45</b>	<b>-</b>	<b>.7</b>	<b>7.6</b>	<b>-</b>
China (Mainland) .....	51.03	42.65	-	-	-	-	19.6	-	-
Indonesia.....	43.38	43.15	34.13	32.82	32.45	-	.5	7.5	-
Vietnam .....	-	-	-	49.09	-	-	-	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>28.88</b>	<b>27.26</b>	<b>31.89</b>	<b>33.47</b>	<b>33.41</b>	<b>37.97</b>	<b>5.9</b>	<b>-3.6</b>	<b>-3.0</b>
Australia .....	28.88	27.26	31.89	33.47	33.41	37.97	5.9	-3.6	-3.0
<b>Total</b> <sup>1</sup> .....	<b>29.71</b>	<b>31.50</b>	<b>32.19</b>	<b>33.50</b>	<b>32.67</b>	<b>32.34</b>	<b>-5.7</b>	<b>-2.3</b>	<b>-9</b>
<b>U.S. Total</b> <sup>2</sup> .....	<b>30.10</b>	<b>30.77</b>	<b>32.18</b>	<b>34.32</b>	<b>33.78</b>	<b>33.12</b>	<b>-2.2</b>	<b>-2.8</b>	<b>-1.0</b>

<sup>1</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal imports and fall within the range of \$20 to \$55 per short ton, inclusively.

<sup>2</sup> U.S. Total is the average price of all coal imports.

Notes: Average price is based on the customs import value. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Table 99. Average Price of U.S. Coal Exports by Destination, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$29.71</b>	<b>\$28.74</b>	<b>\$28.48</b>	<b>\$30.57</b>	<b>\$33.09</b>	<b>\$33.30</b>	<b>3.4</b>	<b>-2.6</b>	<b>-1.3</b>
Canada <sup>1</sup> .....	29.25	27.69	27.65	29.16	32.23	33.14	5.6	-2.4	-1.4
Mexico .....	40.62	43.13	38.61	41.31	39.70	43.83	-5.8	.6	-8
Other <sup>2</sup> .....	24.74	36.16	37.38	38.08	38.03	37.24	-31.6	-10.2	-4.4
<b>South America Total</b> .....	<b>34.39</b>	<b>39.31</b>	<b>42.82</b>	<b>43.94</b>	<b>43.81</b>	<b>46.20</b>	<b>-12.5</b>	<b>-5.9</b>	<b>-3.2</b>
Argentina .....	23.93	40.80	44.67	47.69	46.36	45.59	-41.3	-15.2	-6.9
Brazil .....	34.94	39.41	42.85	44.12	44.67	46.44	-11.3	-6.0	-3.1
Chile .....	27.26	28.18	28.67	32.24	32.37	39.48	-3.3	-4.2	-4.0
Other <sup>2</sup> .....	36.71	42.14	42.07	40.81	39.19	31.44	-12.9	-1.6	1.7
<b>Europe Total</b> .....	<b>37.96</b>	<b>41.10</b>	<b>43.28</b>	<b>43.02</b>	<b>42.10</b>	<b>43.15</b>	<b>-7.6</b>	<b>-2.5</b>	<b>-1.4</b>
Belgium & Luxembourg .....	38.37	43.86	46.38	45.71	45.73	44.82	-12.5	-4.3	-1.7
Bulgaria .....	39.94	41.63	44.57	46.42	44.26	41.67	-4.0	-2.5	-5
Denmark .....	25.08	-	34.02	31.72	29.30	32.56	-	-3.8	-2.8
Finland .....	39.82	37.00	40.50	41.63	42.11	44.77	7.6	-1.4	-1.3
France .....	37.27	42.71	46.07	45.96	44.94	40.39	-12.7	-4.6	-9
Germany, FR .....	29.66	31.64	35.49	44.59	41.08	39.33	-6.2	-7.8	-3.1
Hungary .....	40.34	-	-	-	-	-	-	-	-
Iceland .....	52.05	54.30	55.88	59.33	57.49	56.30	-4.1	-2.4	-9
Ireland .....	27.37	29.92	36.38	37.99	37.35	39.80	-8.5	-7.5	-4.1
Italy .....	44.50	46.28	46.53	45.54	45.05	45.70	-3.8	-3	-3
Netherlands .....	37.90	39.93	45.26	44.97	41.36	43.18	-5.1	-2.2	-1.4
Norway .....	48.16	54.50	55.80	58.38	57.05	34.57	-11.6	-4.1	3.8
Portugal .....	29.73	32.96	38.03	36.76	36.53	40.87	-9.8	-5.0	-3.5
Romania .....	42.11	39.26	42.31	44.58	46.95	46.74	7.3	-2.7	-1.1
Spain .....	36.91	39.05	42.89	37.01	37.56	45.47	-5.5	-4	-2.3
Sweden .....	43.70	45.26	47.16	48.19	47.50	47.72	-3.4	-2.1	-1.0
Turkey .....	34.63	38.50	44.92	46.07	44.33	46.84	-10.0	-6.0	-3.3
United Kingdom .....	36.72	40.74	39.01	39.30	38.90	46.41	-9.9	-1.4	-2.6
Yugoslavia, FR .....	26.26	-	-	-	-	44.22	-	-	-5.6
Other <sup>2</sup> .....	41.05	40.00	34.93	34.59	33.96	49.16	2.6	4.8	-2.0
<b>Asia Total</b> .....	<b>34.15</b>	<b>36.33</b>	<b>39.37</b>	<b>39.73</b>	<b>39.57</b>	<b>43.13</b>	<b>-6.0</b>	<b>-3.6</b>	<b>-2.5</b>
China (Taiwan) .....	33.87	34.44	36.29	36.75	36.86	41.73	-1.6	-2.1	-2.3
Israel .....	26.03	31.81	33.50	36.81	36.40	39.87	-18.1	-8.0	-4.6
Japan .....	33.01	35.79	38.59	39.00	39.41	43.19	-7.7	-4.3	-2.9
Korea, Republic of .....	37.14	39.48	44.79	43.98	42.72	45.95	-5.9	-3.4	-2.3
Other <sup>2</sup> .....	48.52	50.10	45.76	36.33	48.89	38.63	-3.2	-2	2.6
<b>Oceania &amp; Australia Total</b> .....	<b>40.61</b>	<b>-</b>	<b>48.03</b>	<b>40.79</b>	<b>40.71</b>	<b>-</b>	<b>-</b>	<b>-1</b>	<b>-</b>
Other <sup>2</sup> .....	40.61	-	48.03	40.79	40.71	-	-	-1	-
<b>Africa Total</b> .....	<b>38.04</b>	<b>48.53</b>	<b>45.52</b>	<b>48.50</b>	<b>44.36</b>	<b>41.49</b>	<b>-21.6</b>	<b>-3.8</b>	<b>-1.0</b>
Algeria .....	44.71	42.78	43.77	46.64	50.23	46.98	4.5	-2.9	-5
Egypt .....	43.93	56.23	43.59	51.29	53.37	45.69	-21.9	-4.7	-4
Morocco .....	26.69	-	31.57	30.67	33.93	33.73	-	-5.8	-2.6
South Africa, Rep of .....	47.24	48.15	48.13	48.66	49.55	48.92	-1.9	-1.2	-4
Other <sup>2</sup> .....	20.31	-	38.85	39.27	-	40.81	-	-	-7.5
<b>Total</b> <sup>3</sup> .....	<b>34.48</b>	<b>35.91</b>	<b>38.55</b>	<b>40.24</b>	<b>40.53</b>	<b>42.31</b>	<b>-4.0</b>	<b>-3.9</b>	<b>-2.2</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>34.90</b>	<b>36.50</b>	<b>38.89</b>	<b>40.55</b>	<b>40.76</b>	<b>42.39</b>	<b>-4.4</b>	<b>-3.8</b>	<b>-2.1</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

Note: Average price is based on the free alongside ship (f.a.s.) value.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 100. Average Real Price of U.S. Coal Exports by Destination, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$27.80</b>	<b>\$27.42</b>	<b>\$27.60</b>	<b>\$29.98</b>	<b>\$33.09</b>	<b>\$37.12</b>	<b>1.4</b>	<b>-4.3</b>	<b>-3.2</b>
Canada <sup>1</sup> .....	27.36	26.43	26.80	28.59	32.23	36.95	3.5	-4.0	-3.3
Mexico .....	38.00	41.16	37.41	40.50	39.70	48.86	-7.7	-1.1	-2.8
Other <sup>2</sup> .....	23.14	34.50	36.22	37.33	38.03	41.51	-32.9	-11.7	-6.3
<b>South America Total</b> .....	<b>32.17</b>	<b>37.51</b>	<b>41.49</b>	<b>43.08</b>	<b>43.81</b>	<b>51.50</b>	<b>-14.2</b>	<b>-7.4</b>	<b>-5.1</b>
Argentina .....	22.38	38.93	43.28	46.76	46.36	50.83	-42.5	-16.6	-8.7
Brazil .....	32.68	37.60	41.52	43.26	44.67	51.78	-13.1	-7.5	-5.0
Chile .....	25.50	26.89	27.78	31.61	32.37	44.02	-5.2	-5.8	-5.9
Other <sup>2</sup> .....	34.34	40.21	40.76	40.01	39.19	35.05	-14.6	-3.2	-2
<b>Europe Total</b> .....	<b>35.51</b>	<b>39.21</b>	<b>41.94</b>	<b>42.18</b>	<b>42.10</b>	<b>48.11</b>	<b>-9.4</b>	<b>-4.2</b>	<b>-3.3</b>
Belgium & Luxembourg .....	35.89	41.85	44.94	44.81	45.73	49.97	-14.2	-5.9	-3.6
Bulgaria .....	37.36	39.72	43.19	45.51	44.26	46.46	-5.9	-4.1	-2.4
Denmark .....	23.46	-	32.96	31.10	29.30	36.30	-	-5.4	-4.7
Finland .....	37.25	35.31	39.24	40.82	42.11	49.91	5.5	-3.0	-3.2
France .....	34.86	40.75	44.64	45.06	44.94	45.03	-14.4	-6.1	-2.8
Germany, FR .....	27.75	30.19	34.39	43.72	41.08	43.85	-8.1	-9.3	-4.9
Hungary .....	37.73	-	-	-	-	-	-	-	-
Iceland .....	48.69	51.82	54.15	58.17	57.49	62.76	-6.0	-4.1	-2.8
Ireland .....	25.60	28.55	35.25	37.25	37.35	44.38	-10.3	-9.0	-5.9
Italy .....	41.63	44.16	45.09	44.64	45.05	50.95	-5.7	-1.9	-2.2
Netherlands .....	35.45	38.10	43.85	44.09	41.36	48.14	-7.0	-3.8	-3.3
Norway .....	45.05	52.00	54.07	57.23	57.05	38.54	-13.4	-5.7	1.7
Portugal .....	27.81	31.46	36.85	36.04	36.53	45.56	-11.6	-6.6	-5.3
Romania .....	39.40	37.46	41.00	43.71	46.95	52.11	5.1	-4.3	-3.1
Spain .....	34.53	37.26	41.56	36.28	37.56	50.69	-7.3	-2.1	-4.2
Sweden .....	40.88	43.19	45.69	47.25	47.50	53.20	-5.3	-3.7	-2.9
Turkey .....	32.40	36.74	43.53	45.17	44.33	52.22	-11.8	-7.5	-5.2
United Kingdom .....	34.35	38.87	37.80	38.53	38.90	51.74	-11.6	-3.1	-4.4
Yugoslavia, FR .....	24.57	-	-	-	-	49.29	-	-	-7.4
Other <sup>2</sup> .....	38.40	38.17	33.85	33.92	33.96	54.81	.6	3.1	-3.9
<b>Asia Total</b> .....	<b>31.95</b>	<b>34.67</b>	<b>38.15</b>	<b>38.95</b>	<b>39.57</b>	<b>48.08</b>	<b>-7.8</b>	<b>-5.2</b>	<b>-4.4</b>
China (Taiwan).....	31.68	32.86	35.17	36.03	36.86	46.52	-3.6	-3.7	-4.2
Israel .....	24.35	30.35	32.46	36.09	36.40	44.45	-19.8	-9.5	-6.5
Japan .....	30.88	34.15	37.39	38.24	39.41	48.15	-9.5	-5.9	-4.8
Korea, Republic of.....	34.74	37.67	43.41	43.12	42.72	51.23	-7.8	-5.0	-4.2
Other <sup>2</sup> .....	45.39	47.81	44.34	35.62	48.89	43.06	-5.1	-1.8	.6
<b>Oceania &amp; Australia Total</b> .....	<b>37.99</b>	<b>-</b>	<b>46.54</b>	<b>39.99</b>	<b>40.71</b>	<b>-</b>	<b>-</b>	<b>-1.7</b>	<b>-</b>
Other <sup>2</sup> .....	37.99	-	46.54	39.99	40.71	-	-	-1.7	-
<b>Africa Total</b> .....	<b>35.58</b>	<b>46.30</b>	<b>44.10</b>	<b>47.55</b>	<b>44.36</b>	<b>46.26</b>	<b>-23.2</b>	<b>-5.4</b>	<b>-2.9</b>
Algeria .....	41.82	40.82	42.42	45.73	50.23	52.38	2.4	-4.5	-2.5
Egypt.....	41.09	53.65	42.24	50.28	53.37	50.94	-23.4	-6.3	-2.3
Morocco .....	24.97	-	30.59	30.07	33.93	37.60	-	-7.4	-4.4
South Africa, Rep of.....	44.19	45.95	46.64	47.71	49.55	54.53	-3.8	-2.8	-2.3
Other <sup>2</sup> .....	19.00	-	37.64	38.50	-	45.50	-	-	-9.2
<b>Total</b> <sup>3</sup> .....	<b>32.26</b>	<b>34.27</b>	<b>37.35</b>	<b>39.45</b>	<b>40.53</b>	<b>47.17</b>	<b>-5.8</b>	<b>-5.5</b>	<b>-4.1</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>32.65</b>	<b>34.83</b>	<b>37.69</b>	<b>39.76</b>	<b>40.76</b>	<b>47.26</b>	<b>-6.3</b>	<b>-5.4</b>	<b>-4.0</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 (nominal) per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the free alongside ship (f.a.s.) value.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 101. Average Price of U.S. Metallurgical Coal Exports by Destination, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$32.70</b>	<b>\$32.63</b>	<b>\$34.44</b>	<b>\$35.39</b>	<b>\$36.79</b>	<b>\$38.57</b>	<b>0.2</b>	<b>-2.9</b>	<b>-1.8</b>
Canada <sup>1</sup> .....	32.31	32.63	34.38	34.10	35.99	38.46	-1.0	-2.7	-1.9
Mexico .....	36.55	49.80	50.28	49.86	47.36	49.20	-26.6	-6.3	-3.2
<b>South America Total</b> .....	<b>34.46</b>	<b>39.42</b>	<b>42.96</b>	<b>44.32</b>	<b>44.61</b>	<b>46.44</b>	<b>-12.6</b>	<b>-6.2</b>	<b>-3.3</b>
Argentina .....	23.88	-	44.93	48.88	46.87	45.62	-	-15.5	-6.9
Brazil .....	34.94	39.41	42.86	44.15	44.73	46.48	-11.3	-6.0	-3.1
Chile .....	-	-	-	-	30.26	49.78	-	-	-
Other <sup>2</sup> .....	-	44.51	44.46	-	50.76	-	-	-	-
<b>Europe Total</b> .....	<b>40.69</b>	<b>44.14</b>	<b>46.84</b>	<b>47.60</b>	<b>47.68</b>	<b>46.89</b>	<b>-7.8</b>	<b>-3.9</b>	<b>-1.6</b>
Belgium & Luxembourg .....	39.96	44.00	47.34	48.34	48.68	47.52	-9.2	-4.8	-1.9
Bulgaria .....	39.94	41.63	44.57	46.42	43.36	41.67	-4.0	-2.0	-5.5
Denmark .....	-	-	-	-	-	28.36	-	-	-
Finland .....	39.82	37.00	40.50	43.37	44.21	46.21	7.6	-2.6	-1.6
France .....	40.09	42.76	46.35	47.20	47.13	43.96	-6.2	-4.0	-1.0
Germany, FR .....	33.44	42.59	46.41	47.84	49.87	48.55	-21.5	-9.5	-4.0
Hungary .....	40.34	-	-	-	-	-	-	-	-
Iceland .....	52.05	54.30	55.88	59.33	57.43	57.22	-4.1	-2.4	-1.0
Ireland .....	-	-	-	37.42	-	-	-	-	-
Italy .....	44.86	46.28	48.02	48.85	47.90	48.64	-3.1	-1.6	-9.9
Netherlands .....	41.24	43.46	46.88	47.10	47.29	47.11	-5.1	-3.4	-1.5
Norway .....	52.18	54.50	55.70	58.38	57.05	55.56	-4.2	-2.2	-7.7
Portugal .....	34.96	41.64	45.49	44.31	45.20	48.11	-16.0	-6.2	-3.5
Romania .....	42.11	39.26	42.31	45.31	46.95	47.33	7.3	-2.7	-1.3
Spain .....	39.29	46.61	48.62	49.23	50.92	48.80	-15.7	-6.3	-2.4
Sweden .....	43.70	45.26	47.16	48.19	48.20	47.76	-3.4	-2.4	-1.0
Turkey .....	34.63	38.50	44.93	46.08	44.54	46.87	-10.0	-6.1	-3.3
United Kingdom .....	41.85	44.68	47.74	48.49	49.08	48.46	-6.3	-3.9	-1.6
Yugoslavia, FR .....	-	-	-	-	-	46.70	-	-	-
Other <sup>2</sup> .....	-	-	-	-	-	49.23	-	-	-
<b>Asia Total</b> .....	<b>40.11</b>	<b>42.25</b>	<b>43.59</b>	<b>43.64</b>	<b>43.45</b>	<b>46.00</b>	<b>-5.1</b>	<b>-2.0</b>	<b>-1.5</b>
China (Taiwan) .....	35.38	37.19	42.54	42.95	45.24	46.80	-4.9	-5.9	-3.0
Israel .....	25.95	-	35.69	39.79	40.91	42.18	-	-10.8	-5.3
Japan .....	38.09	40.33	42.29	41.68	42.19	45.52	-5.6	-2.5	-2.0
Korea, Republic of .....	42.65	45.00	46.75	47.68	46.08	47.54	-5.2	-1.9	-1.2
Other <sup>2</sup> .....	52.45	56.93	57.72	57.41	59.36	-	-7.9	-3.0	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>55.11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	55.11	-	-	-	-	-	-
<b>Africa Total</b> .....	<b>45.04</b>	<b>48.53</b>	<b>45.92</b>	<b>49.69</b>	<b>50.87</b>	<b>45.23</b>	<b>-7.2</b>	<b>-3.0</b>	<b>*</b>
Algeria .....	44.71	42.78	43.77	46.64	50.23	46.98	4.5	-2.9	-5.5
Egypt .....	43.94	56.23	43.60	51.31	53.38	45.70	-21.8	-4.7	-4.4
Morocco .....	-	-	-	-	30.30	34.54	-	-	-
South Africa, Rep of .....	47.24	48.15	48.13	48.66	49.55	48.92	-1.9	-1.2	-4.4
Other <sup>2</sup> .....	20.31	-	-	-	-	-	-	-	-
<b>Total</b> <sup>3</sup> .....	<b>38.91</b>	<b>41.86</b>	<b>44.48</b>	<b>45.36</b>	<b>45.40</b>	<b>46.09</b>	<b>-7.0</b>	<b>-3.8</b>	<b>-1.9</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>38.99</b>	<b>41.91</b>	<b>44.58</b>	<b>45.45</b>	<b>45.49</b>	<b>46.15</b>	<b>-7.0</b>	<b>-3.8</b>	<b>-2.0</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

\* Data round to zero.

Note: Average price is based on the free alongside ship (f.a.s.) value.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 102. Average Real Price of U.S. Metallurgical Coal Exports by Destination, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$30.59</b>	<b>\$31.13</b>	<b>\$33.37</b>	<b>\$34.69</b>	<b>\$36.79</b>	<b>\$43.00</b>	<b>-1.8</b>	<b>-4.5</b>	<b>-3.7</b>
Canada <sup>1</sup> .....	30.22	31.13	33.32	33.43	35.99	42.88	-2.9	-4.3	-3.8
Mexico .....	34.19	47.52	48.72	48.88	47.36	54.85	-28.0	-7.8	-5.1
<b>South America Total</b> .....	<b>32.24</b>	<b>37.61</b>	<b>41.63</b>	<b>43.45</b>	<b>44.61</b>	<b>51.77</b>	<b>-14.3</b>	<b>-7.8</b>	<b>-5.1</b>
Argentina .....	22.34	-	43.54	47.92	46.87	50.85	-	-16.9	-8.7
Brazil .....	32.68	37.60	41.53	43.28	44.73	51.81	-13.1	-7.5	-5.0
Chile .....	-	-	-	-	30.26	55.50	-	-	-
Other <sup>2</sup> .....	-	42.47	43.08	-	50.76	-	-	-	-
<b>Europe Total</b> .....	<b>38.06</b>	<b>42.12</b>	<b>45.39</b>	<b>46.67</b>	<b>47.68</b>	<b>52.27</b>	<b>-9.6</b>	<b>-5.5</b>	<b>-3.5</b>
Belgium & Luxembourg .....	37.38	41.98	45.87	47.39	48.68	52.98	-10.9	-6.4	-3.8
Bulgaria .....	37.36	39.72	43.19	45.51	43.36	46.46	-5.9	-3.6	-2.4
Denmark .....	-	-	-	-	-	31.61	-	-	-
Finland .....	37.25	35.31	39.24	42.52	44.21	51.52	5.5	-4.2	-3.5
France .....	37.50	40.80	44.91	46.28	47.13	49.01	-8.1	-5.5	-2.9
Germany, FR .....	31.28	40.64	44.97	46.90	49.87	54.12	-23.0	-11.0	-5.9
Hungary .....	37.73	-	-	-	-	-	-	-	-
Iceland .....	48.69	51.82	54.15	58.17	57.43	63.79	-6.0	-4.0	-2.9
Ireland .....	-	-	-	36.69	-	-	-	-	-
Italy .....	41.96	44.16	46.53	47.90	47.90	54.22	-5.0	-3.3	-2.8
Netherlands .....	38.58	41.47	45.43	46.18	47.29	52.52	-6.9	-5.0	-3.4
Norway .....	48.81	52.00	53.97	57.23	57.05	61.94	-6.1	-3.8	-2.6
Portugal .....	32.70	39.73	44.08	43.44	45.20	53.63	-17.7	-7.8	-5.3
Romania .....	39.40	37.46	41.00	44.42	46.95	52.77	5.1	-4.3	-3.2
Spain .....	36.76	44.48	47.11	48.27	50.92	54.41	-17.3	-7.8	-4.3
Sweden .....	40.88	43.19	45.69	47.25	48.20	53.24	-5.3	-4.0	-2.9
Turkey .....	32.39	36.74	43.54	45.17	44.54	52.25	-11.8	-7.6	-5.2
United Kingdom .....	39.15	42.64	46.26	47.54	49.08	54.02	-8.2	-5.5	-3.5
Yugoslavia, FR .....	-	-	-	-	-	52.07	-	-	-
Other <sup>2</sup> .....	-	-	-	-	-	54.88	-	-	-
<b>Asia Total</b> .....	<b>37.52</b>	<b>40.32</b>	<b>42.24</b>	<b>42.78</b>	<b>43.45</b>	<b>51.28</b>	<b>-6.9</b>	<b>-3.6</b>	<b>-3.4</b>
China (Taiwan) .....	33.10	35.49	41.22	42.11	45.24	52.17	-6.7	-7.5	-4.9
Israel .....	24.27	-	34.58	39.01	40.91	47.03	-	-12.2	-7.1
Japan .....	35.63	38.49	40.98	40.86	42.19	50.75	-7.4	-4.1	-3.8
Korea, Republic of .....	39.89	42.94	45.30	46.75	46.08	53.00	-7.1	-3.5	-3.1
Other <sup>2</sup> .....	49.06	54.32	55.93	56.28	59.36	-	-9.7	-4.6	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>53.40</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	53.40	-	-	-	-	-	-
<b>Africa Total</b> .....	<b>42.13</b>	<b>46.30</b>	<b>44.49</b>	<b>48.72</b>	<b>50.87</b>	<b>50.42</b>	<b>-9.0</b>	<b>-4.6</b>	<b>-2.0</b>
Algeria .....	41.82	40.82	42.42	45.73	50.23	52.38	2.4	-4.5	-2.5
Egypt .....	41.10	53.65	42.24	50.30	53.38	50.94	-23.4	-6.3	-2.3
Morocco .....	-	-	-	-	30.30	38.50	-	-	-
South Africa, Rep of .....	44.19	45.95	46.64	47.71	49.55	54.53	-3.8	-2.8	-2.3
Other <sup>2</sup> .....	19.00	-	-	-	-	-	-	-	-
<b>Total<sup>3</sup></b> .....	<b>36.40</b>	<b>39.94</b>	<b>43.10</b>	<b>44.47</b>	<b>45.40</b>	<b>51.38</b>	<b>-8.9</b>	<b>-5.4</b>	<b>-3.8</b>
<b>U.S. Total<sup>4</sup></b> .....	<b>36.47</b>	<b>40.00</b>	<b>43.19</b>	<b>44.56</b>	<b>45.49</b>	<b>51.45</b>	<b>-8.8</b>	<b>-5.4</b>	<b>-3.8</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 (nominal) per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the free alongside ship (f.a.s.) value.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."



**Table 103. Average Price of U.S. Steam Coal Exports by Destination, 1991, 1996-2000**  
(Nominal Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$28.86</b>	<b>\$27.72</b>	<b>\$26.76</b>	<b>\$28.26</b>	<b>\$29.41</b>	<b>\$30.27</b>	<b>4.1</b>	<b>-0.5</b>	<b>-0.5</b>
Canada <sup>1</sup> .....	28.43	26.28	25.51	26.64	28.06	30.01	8.2	.3	-.6
Mexico .....	44.65	43.13	38.48	38.67	36.21	39.58	3.5	5.4	1.3
Other <sup>2</sup> .....	24.74	36.16	37.38	38.08	38.03	37.24	-31.6	-10.2	-4.4
<b>South America Total</b> .....	<b>30.88</b>	<b>33.67</b>	<b>37.82</b>	<b>38.78</b>	<b>34.94</b>	<b>38.25</b>	<b>-8.3</b>	<b>-3.0</b>	<b>-2.3</b>
Argentina .....	40.82	40.80	40.80	40.79	40.53	35.95	*	.2	1.4
Brazil .....	34.47	39.00	40.81	42.12	40.57	43.64	-11.6	-4.0	-2.6
Chile .....	27.26	28.18	28.67	32.24	32.76	36.59	-3.3	-4.5	-3.2
Other <sup>2</sup> .....	36.71	41.07	40.83	40.81	39.16	31.44	-10.6	-1.6	1.7
<b>Europe Total</b> .....	<b>25.91</b>	<b>27.09</b>	<b>31.22</b>	<b>32.52</b>	<b>33.71</b>	<b>37.76</b>	<b>-4.3</b>	<b>-6.4</b>	<b>-4.1</b>
Belgium & Luxembourg .....	24.93	38.47	35.91	36.34	36.69	37.08	-35.2	-9.2	-4.3
Bulgaria .....	-	-	-	-	50.55	-	-	-	-
Denmark .....	25.08	-	34.02	31.72	29.30	33.14	-	-3.8	-3.0
Finland .....	-	-	-	36.20	35.23	40.82	-	-	-
France .....	26.27	38.23	36.14	34.84	36.14	34.68	-31.3	-7.6	-3.0
Germany, FR .....	26.40	28.22	30.70	35.04	31.92	34.95	-6.4	-4.6	-3.1
Iceland .....	-	-	-	-	57.93	50.77	-	-	-
Ireland .....	27.37	29.92	36.38	38.13	37.35	39.80	-8.5	-7.5	-4.1
Italy .....	27.52	46.39	37.66	39.30	41.20	41.71	-40.7	-9.6	-4.5
Netherlands .....	25.64	27.16	27.91	32.52	32.94	39.59	-5.6	-6.1	-4.7
Norway .....	35.46	-	56.66	-	-	32.11	-	-	1.1
Portugal .....	26.71	24.48	33.60	35.48	35.60	40.52	9.1	-6.9	-4.5
Romania .....	-	-	-	29.17	-	42.64	-	-	-
Spain .....	21.51	21.40	22.43	22.38	22.14	32.96	.5	-7	-4.6
Sweden .....	-	-	-	-	39.21	41.64	-	-	-
Turkey .....	34.82	40.80	40.78	42.02	41.28	46.38	-14.7	-4.2	-3.1
United Kingdom .....	25.65	28.16	28.64	29.99	28.82	40.11	-8.9	-2.9	-4.8
Yugoslavia, FR .....	26.26	-	-	-	-	25.26	-	-	.4
Other <sup>2</sup> .....	41.05	40.00	34.93	34.59	33.96	40.79	2.6	4.8	.1
<b>Asia Total</b> .....	<b>30.89</b>	<b>31.59</b>	<b>34.18</b>	<b>34.94</b>	<b>35.84</b>	<b>38.97</b>	<b>-2.2</b>	<b>-3.6</b>	<b>-2.5</b>
China (Taiwan) .....	33.12	34.12	34.46	34.71	35.33	41.16	-2.9	-1.6	-2.4
Israel .....	40.66	31.81	33.15	35.92	35.12	39.41	27.8	3.7	.3
Japan .....	31.65	32.10	33.88	34.97	36.31	35.59	-1.4	-3.4	-1.3
Korea, Republic of .....	24.61	24.95	35.43	35.01	35.32	39.97	-1.3	-8.6	-5.2
Other <sup>2</sup> .....	39.13	39.54	43.53	33.56	38.26	38.63	-1.0	.6	.1
<b>Oceania &amp; Australia Total</b> .....	<b>40.61</b>	<b>-</b>	<b>37.25</b>	<b>40.79</b>	<b>40.71</b>	<b>-</b>	<b>-</b>	<b>-1</b>	<b>-</b>
Other <sup>2</sup> .....	40.61	-	37.25	40.79	40.71	-	-	-1	-
<b>Africa Total</b> .....	<b>26.70</b>	<b>-</b>	<b>32.38</b>	<b>32.31</b>	<b>34.02</b>	<b>33.56</b>	<b>-</b>	<b>-5.9</b>	<b>-2.5</b>
Egypt .....	38.79	-	39.88	40.73	40.78	40.81	-	-1.2	-.6
Morocco .....	26.69	-	31.57	30.67	34.01	33.53	-	-5.9	-2.5
Other <sup>2</sup> .....	-	-	38.85	39.27	-	40.81	-	-	-
<b>Total</b> <sup>3</sup> .....	<b>28.60</b>	<b>28.41</b>	<b>29.34</b>	<b>31.61</b>	<b>33.51</b>	<b>36.72</b>	<b>.7</b>	<b>-3.9</b>	<b>-2.7</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>29.67</b>	<b>29.91</b>	<b>30.24</b>	<b>32.42</b>	<b>34.09</b>	<b>36.91</b>	<b>-.8</b>	<b>-3.4</b>	<b>-2.4</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

\* Data round to zero.

Notes: Average price is based on the free alongside ship (f.a.s.) value. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table 104. Average Real Price of U.S. Steam Coal Exports by Destination, 1991, 1996-2000**  
(Real Dollars per Short Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$27.00</b>	<b>\$26.45</b>	<b>\$25.93</b>	<b>\$27.70</b>	<b>\$29.41</b>	<b>\$33.75</b>	<b>2.1</b>	<b>-2.1</b>	<b>-2.4</b>
Canada <sup>1</sup> .....	26.60	25.08	24.72	26.12	28.06	33.46	6.0	-1.3	-2.5
Mexico .....	41.77	41.16	37.29	37.92	36.21	44.13	1.5	3.6	-6
Other <sup>2</sup> .....	23.14	34.50	36.22	37.33	38.03	41.51	-32.9	-11.7	-6.3
<b>South America Total</b> .....	<b>28.88</b>	<b>32.13</b>	<b>36.64</b>	<b>38.02</b>	<b>34.94</b>	<b>42.64</b>	<b>-10.1</b>	<b>-4.6</b>	<b>-4.2</b>
Argentina .....	38.19	38.93	39.53	39.99	40.53	40.07	-1.9	-1.5	-5
Brazil .....	32.25	37.22	39.54	41.29	40.57	48.65	-13.3	-5.6	-4.5
Chile .....	25.50	26.89	27.78	31.61	32.76	40.79	-5.2	-6.1	-5.1
Other <sup>2</sup> .....	34.34	39.18	39.56	40.01	39.16	35.05	-12.3	-3.2	-2
<b>Europe Total</b> .....	<b>24.24</b>	<b>25.85</b>	<b>30.25</b>	<b>31.89</b>	<b>33.71</b>	<b>42.09</b>	<b>-6.2</b>	<b>-7.9</b>	<b>-5.9</b>
Belgium & Luxembourg .....	23.32	36.71	34.80	35.63	36.69	41.33	-36.5	-10.7	-6.2
Bulgaria .....	-	-	-	-	50.55	-	-	-	-
Denmark .....	23.46	-	32.96	31.10	29.30	36.95	-	-5.4	-4.9
Finland .....	-	-	-	35.49	35.23	45.51	-	-	-
France .....	24.58	36.48	35.02	34.16	36.14	38.66	-32.6	-9.2	-4.9
Germany, FR .....	24.70	26.93	29.75	34.35	31.92	38.96	-8.3	-6.2	-4.9
Iceland .....	-	-	-	-	57.93	56.61	-	-	-
Ireland .....	25.60	28.55	35.25	37.38	37.35	44.38	-10.3	-9.0	-5.9
Italy .....	25.74	44.26	36.49	38.53	41.20	46.50	-41.8	-11.1	-6.4
Netherlands .....	23.98	25.91	27.05	31.89	32.94	44.13	-7.4	-7.6	-6.5
Norway .....	33.18	-	54.90	-	-	35.80	-	-	-8
Portugal .....	24.98	23.35	32.56	34.78	35.60	45.17	7.0	-8.5	-6.4
Romania .....	-	-	-	28.59	-	47.53	-	-	-
Spain .....	20.12	20.42	21.73	21.94	22.14	36.74	-1.5	-2.4	-6.5
Sweden .....	-	-	-	-	39.21	46.42	-	-	-
Turkey .....	32.57	38.93	39.51	41.20	41.28	51.71	-16.3	-5.8	-5.0
United Kingdom .....	24.00	26.87	27.75	29.40	28.82	44.72	-10.7	-4.5	-6.7
Yugoslavia, FR .....	24.57	-	-	-	-	28.16	-	-	-1.5
Other <sup>2</sup> .....	38.40	38.17	33.85	33.92	33.96	45.48	.6	3.1	-1.9
<b>Asia Total</b> .....	<b>28.90</b>	<b>30.15</b>	<b>33.12</b>	<b>34.25</b>	<b>35.84</b>	<b>43.45</b>	<b>-4.1</b>	<b>-5.2</b>	<b>-4.4</b>
China (Taiwan) .....	30.98	32.55	33.39	34.03	35.33	45.88	-4.8	-3.2	-4.3
Israel .....	38.04	30.35	32.12	35.22	35.12	43.93	25.3	2.0	-1.6
Japan .....	29.61	30.63	32.83	34.28	36.31	39.67	-3.3	-5.0	-3.2
Korea, Republic of .....	23.02	23.81	34.33	34.32	35.32	44.56	-3.3	-10.1	-7.1
Other <sup>2</sup> .....	36.60	37.73	42.18	32.90	38.26	43.06	-3.0	-1.1	-1.8
<b>Oceania &amp; Australia Total</b> .....	<b>37.99</b>	<b>-</b>	<b>36.10</b>	<b>39.99</b>	<b>40.71</b>	<b>-</b>	<b>-</b>	<b>-1.7</b>	<b>-</b>
Other <sup>2</sup> .....	37.99	-	36.10	39.99	40.71	-	-	-1.7	-
<b>Africa Total</b> .....	<b>24.98</b>	<b>-</b>	<b>31.38</b>	<b>31.68</b>	<b>34.02</b>	<b>37.41</b>	<b>-</b>	<b>-7.4</b>	<b>-4.4</b>
Egypt .....	36.28	-	38.64	39.93	40.78	45.50	-	-2.9	-2.5
Morocco .....	24.97	-	30.59	30.07	34.01	37.38	-	-7.4	-4.4
Other <sup>2</sup> .....	-	-	37.64	38.50	-	45.50	-	-	-
<b>Total</b> <sup>3</sup> .....	<b>26.76</b>	<b>27.11</b>	<b>28.43</b>	<b>30.99</b>	<b>33.51</b>	<b>40.93</b>	<b>-1.3</b>	<b>-5.5</b>	<b>-4.6</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>27.75</b>	<b>28.54</b>	<b>29.30</b>	<b>31.79</b>	<b>34.09</b>	<b>41.15</b>	<b>-2.8</b>	<b>-5.0</b>	<b>-4.3</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 (nominal) per short ton, inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

Notes: Real prices are in 1996 dollars, calculated using implicit Gross Domestic Product price deflators. See Appendix D, Table D2. Average prices are based on the free alongside ship (f.a.s.) value. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

# Coal Quality

**Table 105. Estimate of Recoverable Reserves of Coal by Sulfur Range, State, and Mine Type**  
(Million Short Tons Remaining as of January 1, 1997)

State and Type of Mining	Sulfur Content (pounds of sulfur per million Btu)						Total
	<= 0.40	0.41 - 0.60	0.61 - 0.83	0.84 - 1.67	1.68 - 2.50	> 2.50	
<b>Alabama</b> .....	—	<b>403</b>	<b>367</b>	<b>2,010</b>	<b>190</b>	—	<b>2,970</b>
Surface .....	—	253	267	1,664	136	—	2,320
Underground .....	—	150	100	347	54	—	650
<b>Alaska, Southern</b> .....	<b>251</b>	<b>94</b>	—	—	—	—	<b>2,544</b>
Surface .....	383	41	—	—	—	—	424
Underground .....	2,067	53	—	—	—	—	2,120
<b>Alaska, Northern</b> .....	—	—	—	—	—	—	—
Surface .....	—	—	—	—	—	—	—
Underground .....	—	—	—	—	—	—	—
<b>Arizona</b> .....	—	<b>98</b>	—	—	—	—	<b>98</b>
Surface .....	—	47	—	—	—	—	47
Underground .....	—	51	—	—	—	—	51
<b>Arkansas</b> <sup>1</sup> .....	—	<b>8</b>	<b>163</b>	<b>44</b>	<b>6</b>	<b>7</b>	<b>228</b>
Surface .....	—	2	73	24	1	1	101
Underground .....	—	7	90	20	5	6	127
<b>Colorado</b> <sup>1</sup> .....	<b>3,646</b>	<b>2,298</b>	<b>3,681</b>	<b>324</b>	<b>95</b>	—	<b>10,045</b>
Surface .....	264	116	3,325	41	14	—	3,759
Underground .....	3,382	2,183	357	283	81	—	6,286
<b>Georgia</b> .....	<b>1</b>	<b>1</b>	*	*	*	*	<b>2</b>
Surface .....	*	*	*	*	*	*	1
Underground .....	*	*	*	*	*	*	1
<b>Idaho</b> .....	*	<b>1</b>	<b>1</b>	<b>1</b>	—	—	<b>2</b>
Surface .....	—	—	—	—	—	—	—
Underground .....	*	1	1	1	—	—	2
<b>Illinois</b> .....	<b>46</b>	<b>188</b>	<b>407</b>	<b>1,540</b>	<b>1,588</b>	<b>34,437</b>	<b>38,206</b>
Surface .....	—	—	3	203	339	9,561	10,106
Underground .....	46	188	404	1,337	1,249	24,876	28,099
<b>Indiana</b> .....	—	<b>308</b>	<b>183</b>	<b>667</b>	<b>1,116</b>	<b>2,014</b>	<b>4,287</b>
Surface .....	—	60	26	101	141	290	618
Underground .....	—	248	157	566	975	1,724	3,669
<b>Iowa</b> .....	—	—	—	—	<b>407</b>	<b>720</b>	<b>1,127</b>
Surface .....	—	—	—	—	320	—	320
Underground .....	—	—	—	—	87	720	807
<b>Kansas</b> .....	—	—	—	—	<b>226</b>	<b>457</b>	<b>683</b>
Surface .....	—	—	—	—	226	457	683
Underground .....	—	—	—	—	—	—	—
<b>Kentucky, Eastern</b> .....	<b>169</b>	<b>2,011</b>	<b>1,388</b>	<b>1,713</b>	<b>833</b>	<b>636</b>	<b>6,750</b>
Surface .....	138	1,637	1,130	1,394	678	518	5,495
Underground .....	32	374	258	318	155	118	1,255
<b>Kentucky, Western</b> .....	—	—	—	<b>155</b>	<b>2,706</b>	<b>6,366</b>	<b>9,227</b>
Surface .....	—	—	—	124	919	1,267	2,310
Underground .....	—	—	—	31	1,787	5,099	6,917
<b>Louisiana</b> .....	—	—	—	<b>343</b>	—	—	<b>343</b>
Surface .....	—	—	—	343	—	—	343
Underground .....	—	—	—	—	—	—	—
<b>Maryland</b> .....	—	<b>31</b>	<b>56</b>	<b>116</b>	<b>201</b>	—	<b>403</b>
Surface .....	—	3	8	13	31	—	54
Underground .....	—	28	49	103	169	—	349
<b>Michigan</b> .....	—	—	<b>8</b>	<b>23</b>	<b>16</b>	<b>11</b>	<b>59</b>
Surface .....	—	—	1	2	1	*	3
Underground .....	—	—	8	21	16	11	55
<b>Missouri</b> .....	—	—	—	—	<b>170</b>	<b>3,680</b>	<b>3,850</b>
Surface .....	—	—	—	—	150	3,011	3,161
Underground .....	—	—	—	—	20	670	689
<b>Montana</b> .....	<b>33,529</b>	<b>16,816</b>	<b>16,761</b>	<b>4,811</b>	<b>2,022</b>	<b>1,371</b>	<b>75,310</b>
Surface .....	17,966	6,983	9,484	2,440	1,609	905	39,387
Underground .....	15,563	9,833	7,277	2,371	413	466	35,923
<b>New Mexico</b> <sup>1</sup> .....	<b>60</b>	<b>2,429</b>	<b>1,601</b>	<b>3,048</b>	—	—	<b>7,138</b>
Surface .....	36	1,045	1,096	2,099	—	—	4,276
Underground .....	25	1,384	505	949	—	—	2,863
<b>North Carolina</b> .....	—	—	*	<b>2</b>	<b>2</b>	<b>1</b>	<b>5</b>
Surface .....	—	—	—	—	—	—	—
Underground .....	—	—	*	2	2	1	5
<b>North Dakota</b> .....	<b>432</b>	<b>744</b>	<b>1,364</b>	<b>3,410</b>	<b>850</b>	<b>366</b>	<b>7,167</b>
Surface .....	432	744	1,364	3,410	850	366	7,167
Underground .....	—	—	—	—	—	—	—
<b>Ohio</b> .....	<b>81</b>	<b>168</b>	<b>334</b>	<b>1,045</b>	<b>2,626</b>	<b>7,418</b>	<b>11,672</b>
Surface .....	20	96	167	413	858	2,291	3,846
Underground .....	61	73	167	632	1,767	5,127	7,826

See footnotes at end of table.

**Table 105. Estimate of Recoverable Reserves of Coal by Sulfur Range, State, and Mine Type (Continued)**  
(Million Short Tons Remaining as of January 1, 1997)

State and Type of Mining	Sulfur Content (pounds of sulfur per million Btu)						Total
	< = 0.40	0.41 - 0.60	0.61 - 0.83	0.84 - 1.67	1.68 - 2.50	> 2.50	
<b>Oklahoma</b> .....	—	<b>219</b>	<b>123</b>	<b>178</b>	<b>113</b>	<b>180</b>	<b>813</b>
Surface .....	—	65	25	33	33	80	237
Underground .....	—	154	98	144	80	100	576
<b>Oregon</b> .....	<b>4</b>	<b>1</b>	<b>3</b>	—	<b>1</b>	<b>1</b>	<b>9</b>
Surface .....	1	*	1	—	*	*	2
Underground .....	3	1	2	—	1	1	7
<b>Pennsylvania, Anthracite</b> .....	<b>180</b>	<b>467</b>	<b>96</b>	<b>17</b>	<b>2</b>	<b>*</b>	<b>762</b>
Surface .....	85	262	61	11	1	*	422
Underground .....	95	205	35	6	1	—	341
<b>Pennsylvania, Bituminous</b> .....	—	<b>280</b>	<b>798</b>	<b>4,949</b>	<b>4,109</b>	<b>1,500</b>	<b>11,635</b>
Surface .....	—	22	62	295	219	130	728
Underground .....	—	258	736	4,654	3,890	1,370	10,907
<b>South Dakota</b> .....	—	—	<b>104</b>	<b>1</b>	<b>172</b>	—	<b>277</b>
Surface .....	—	—	104	1	172	—	277
Underground .....	—	—	—	—	—	—	—
<b>Tennessee</b> .....	—	<b>105</b>	<b>61</b>	<b>221</b>	<b>97</b>	—	<b>484</b>
Surface .....	—	38	23	92	40	—	193
Underground .....	—	67	38	129	58	—	291
<b>Texas</b> .....	—	—	<b>584</b>	<b>5,623</b>	<b>3,375</b>	<b>373</b>	<b>9,954</b>
Surface .....	—	—	584	5,623	3,375	372	9,954
Underground .....	—	—	—	—	—	—	—
<b>Utah</b> .....	<b>372</b>	<b>666</b>	<b>544</b>	<b>850</b>	<b>221</b>	<b>296</b>	<b>2,949</b>
Surface .....	8	32	19	85	35	34	212
Underground .....	363	634	525	765	186	262	2,737
<b>Virginia</b> <sup>1</sup> .....	<b>184</b>	<b>598</b>	<b>382</b>	<b>126</b>	—	—	<b>1,290</b>
Surface .....	42	190	156	44	—	—	432
Underground .....	143	408	227	82	—	—	858
<b>Washington</b> .....	<b>63</b>	<b>92</b>	<b>92</b>	<b>473</b>	—	—	<b>720</b>
Surface .....	—	—	6	39	—	—	45
Underground .....	63	92	86	434	—	—	675
<b>West Virginia</b> .....	<b>639</b>	<b>6,358</b>	<b>2,682</b>	<b>3,975</b>	<b>2,489</b>	<b>3,179</b>	<b>19,322</b>
Surface .....	112	1,414	550	436	177	106	2,794
Underground .....	528	4,945	2,131	3,539	2,312	3,073	16,528
<b>Wyoming</b> .....	<b>6,654</b>	<b>17,325</b>	<b>10,065</b>	<b>7,396</b>	<b>1,158</b>	<b>2,216</b>	<b>44,813</b>
Surface .....	4,303	8,563	4,015	2,274	517	2,184	21,855
Underground .....	2,351	8,762	6,050	5,122	640	33	22,959
<b>U.S. Total</b> .....	<b>48,512</b>	<b>51,708</b>	<b>41,847</b>	<b>43,060</b>	<b>24,788</b>	<b>65,229</b>	<b>275,143</b>
Surface .....	23,790	21,612	22,549	21,203	10,842	21,575	121,570
Underground .....	24,722	30,096	19,298	21,857	13,946	43,654	153,573

<sup>1</sup> Data include minor amounts of anthracite (all occurring in heat content categories greater than 23.00 million short tons) as follows: Arkansas 52.2, Colorado 13.4, New Mexico 1.2, and Virginia 70.5, expressed in million short tons.

\* Data round to zero.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, *U.S. Coal Reserves: A Review and Update* (DOE/EIA-0529(95)), August, 1996, and further updates.

**Table 106. Average Quality of Coal Received at Electric Utilities by Census Division and State, 1991, 1996-2000**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England</b>									
Btu .....	13,118	13,147	12,810	12,756	12,793	13,176	*	1	*
Sulfur .....	1.27	1.22	.87	.86	.85	1.17	3.6	10.5	0.9
Ash .....	6.40	6.48	7.85	7.79	7.75	7.52	-1.2	-4.7	-1.8
<b>Connecticut</b>									
Btu .....	-	13,541	13,138	13,132	13,100	13,238	-	-	-
Sulfur .....	-	.61	.53	.54	.54	.55	-	-	-
Ash .....	-	4.85	6.80	7.20	7.14	6.07	-	-	-
<b>Massachusetts</b>									
Btu .....	13,137	13,160	12,617	12,571	12,633	13,141	*	1	*
Sulfur .....	.95	.86	.72	.72	.71	1.22	10.4	7.5	-2.7
Ash .....	7.12	7.22	8.52	8.24	8.07	8.14	-1.3	-3.1	-1.5
<b>New Hampshire</b>									
Btu .....	13,114	13,133	13,133	13,054	13,146	13,247	*	*	*
Sulfur .....	1.34	1.35	1.40	1.42	1.56	1.43	-9	-3.8	-7
Ash .....	6.25	6.31	6.71	6.88	7.02	6.43	-9	-2.9	-3
<b>Middle Atlantic</b>									
Btu .....	12,782	12,638	12,478	12,436	12,460	12,455	1	1	*
Sulfur .....	1.99	2.04	2.07	2.05	2.01	2.04	-2.3	-3	-3
Ash .....	9.88	10.81	11.84	12.03	11.80	12.28	-8.6	-4.3	-2.4
<b>New Jersey</b>									
Btu .....	13,153	13,150	13,113	13,084	12,993	13,402	*	*	*
Sulfur .....	1.13	1.14	1.13	1.24	1.36	1.27	-7	-4.5	-1.3
Ash .....	8.47	8.64	8.70	8.54	9.02	7.31	-1.9	-1.6	1.6
<b>New York</b>									
Btu .....	13,117	13,034	13,052	13,105	13,013	12,923	1	*	*
Sulfur .....	1.12	1.67	1.75	1.80	1.80	1.77	-32.8	-11.1	-4.9
Ash .....	7.11	7.52	7.79	7.63	7.91	8.88	-5.4	-2.6	-2.4
<b>Pennsylvania</b>									
Btu .....	12,670	12,552	12,323	12,279	12,321	12,302	1	1	*
Sulfur .....	2.26	2.15	2.19	2.13	2.09	2.14	5.2	1.9	.6
Ash .....	10.50	11.37	12.86	13.03	12.72	13.30	-7.6	-4.7	-2.6
<b>East North Central</b>									
Btu .....	10,641	10,562	10,589	10,588	10,611	10,971	1	*	*
Sulfur .....	1.26	1.28	1.33	1.35	1.36	1.82	-1.8	-1.8	-4.0
Ash .....	8.05	8.02	8.12	8.22	8.07	8.75	.3	*	-9
<b>Illinois</b>									
Btu .....	9,690	9,560	9,700	9,781	9,878	10,721	1	*	-1
Sulfur .....	1.11	1.03	1.10	1.17	1.16	2.00	8.3	-1.2	-6.3
Ash .....	6.84	6.76	6.91	7.04	6.98	8.54	1.1	-5	-2.4
<b>Indiana</b>									
Btu .....	10,604	10,620	10,517	10,461	10,357	10,570	*	1	*
Sulfur .....	1.51	1.58	1.63	1.61	1.59	1.98	-4.1	-1.2	-2.9
Ash .....	7.64	7.84	7.94	7.90	7.76	8.45	-2.6	-4	-1.1
<b>Michigan</b>									
Btu .....	10,425	10,487	10,563	10,566	10,504	11,052	-1	*	-1
Sulfur .....	.59	.62	.67	.67	.63	.70	-4.3	-1.6	-1.8
Ash .....	6.19	6.49	6.41	6.65	6.59	6.58	-4.6	-1.6	-7
<b>Ohio</b>									
Btu .....	11,823	11,918	11,913	11,891	12,056	11,945	-1	*	*
Sulfur .....	1.92	1.98	2.01	2.01	2.08	2.63	-2.8	-1.9	-3.4
Ash .....	11.49	11.31	11.45	11.53	11.01	11.39	1.7	1.1	.1
<b>Wisconsin</b>									
Btu .....	9,165	9,115	9,299	9,375	9,222	9,643	1	*	-1
Sulfur .....	.35	.39	.46	.50	.46	.81	-10.7	-6.4	-8.9
Ash .....	5.26	5.42	5.55	5.74	5.74	6.20	-3.0	-2.2	-1.8
<b>West North Central</b>									
Btu .....	8,343	8,347	8,388	8,394	8,430	8,665	*	*	*
Sulfur .....	.42	.45	.47	.51	.53	.92	-5.7	-5.6	-8.2
Ash .....	6.12	6.18	6.15	6.31	6.38	7.23	-9	-1.0	-1.8
<b>Iowa</b>									
Btu .....	8,626	8,581	8,636	8,662	8,658	8,890	1	*	*
Sulfur .....	.35	.40	.44	.45	.45	.67	-12.8	-5.8	-6.9
Ash .....	5.33	5.54	5.57	5.53	5.61	5.99	-3.8	-1.3	-1.3

See footnotes at end of table.

**Table 106. Average Quality of Coal Received at Electric Utilities by Census Division and State, 1991, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Kansas</b>									
Btu .....	8,672	8,628	8,696	8,766	8,827	8,998	1	*	*
Sulfur .....	.42	.43	.45	.48	.49	.59	-3.4	-4.2	-3.8
Ash .....	5.25	5.35	5.45	5.52	5.52	5.63	-1.9	-1.2	-8
<b>Minnesota</b>									
Btu .....	8,929	8,883	8,883	8,895	8,914	8,802	1	*	*
Sulfur .....	.43	.44	.44	.45	.45	.48	-5	-9	-1.0
Ash .....	6.24	6.27	6.29	6.32	6.32	7.08	-6	-3	-1.4
<b>Missouri</b>									
Btu .....	8,913	8,948	8,938	8,994	9,063	10,298	*	*	-2
Sulfur .....	.30	.34	.37	.47	.58	1.84	-10.9	-15.0	-18.3
Ash .....	5.00	5.04	5.18	5.32	5.62	8.00	-8	-2.9	-5.1
<b>Nebraska</b>									
Btu .....	8,632	8,498	8,584	8,595	8,599	8,542	2	*	*
Sulfur .....	.30	.30	.27	.32	.34	.35	1.0	-3.2	-1.8
Ash .....	4.92	5.06	4.77	4.79	5.11	4.97	-2.8	-9	-1
<b>North Dakota</b>									
Btu .....	6,528	6,547	6,566	6,559	6,597	6,606	*	*	*
Sulfur .....	.72	.75	.76	.77	.72	.83	-4.5	.1	-1.6
Ash .....	9.49	9.39	9.10	9.38	9.32	9.17	1.1	.4	.4
<b>South Dakota</b>									
Btu .....	8,464	8,630	8,728	8,687	9,034	6,025	-2	-2	4
Sulfur .....	.31	.60	.72	.63	.52	.87	-48.8	-12.2	-11.0
Ash .....	5.28	8.67	9.12	8.88	6.66	9.04	-39.1	-5.6	-5.8
<b>South Atlantic</b>									
Btu .....	12,259	12,344	12,296	12,311	12,285	12,425	-1	*	*
Sulfur .....	1.10	1.26	1.26	1.29	1.27	1.51	-12.1	-3.5	-3.4
Ash .....	9.75	9.83	9.92	10.05	9.75	9.94	-8	*	-2
<b>Delaware</b>									
Btu .....	12,995	12,935	12,962	13,062	13,020	13,053	*	*	*
Sulfur .....	1.01	.97	.98	.99	1.01	.96	4.2	*	.5
Ash .....	8.75	9.26	8.93	8.65	8.72	8.66	-5.5	.1	.1
<b>Florida</b>									
Btu .....	12,330	12,299	12,144	12,122	12,193	12,351	*	*	*
Sulfur .....	1.59	1.53	1.55	1.59	1.55	1.73	3.8	.5	-9
Ash .....	8.18	8.06	8.01	8.40	7.96	8.42	1.6	.7	-3
<b>Georgia</b>									
Btu .....	11,559	11,740	11,750	11,755	11,581	11,936	-2	*	*
Sulfur .....	.76	.80	.85	.84	.83	1.63	-5.1	-2.2	-8.1
Ash .....	9.06	9.30	9.40	9.42	8.84	10.00	-2.5	.6	-1.1
<b>Maryland</b>									
Btu .....	12,945	12,943	12,914	12,913	12,879	12,796	*	*	*
Sulfur .....	1.18	1.12	1.17	1.14	1.11	1.34	5.3	1.5	-1.4
Ash .....	9.16	9.30	9.04	9.42	9.49	10.46	-1.4	-8	-1.5
<b>North Carolina</b>									
Btu .....	12,448	12,450	12,398	12,368	12,422	12,506	*	*	*
Sulfur .....	.82	.85	.89	.90	.89	.94	-2.9	-2.0	-1.5
Ash .....	10.59	10.39	10.53	10.50	10.16	9.96	1.9	1.1	.7
<b>South Carolina</b>									
Btu .....	12,727	12,809	12,805	12,855	12,757	12,724	-1	*	*
Sulfur .....	1.08	1.16	1.20	1.20	1.21	1.19	-6.6	-2.8	-1.1
Ash .....	8.56	8.78	8.90	8.70	8.90	9.09	-2.5	-9	-7
<b>Virginia</b>									
Btu .....	12,814	12,702	12,603	12,554	12,597	12,768	1	*	*
Sulfur .....	.98	1.30	.97	1.01	.99	1.00	-24.5	-1	-2
Ash .....	10.06	9.62	9.96	11.58	11.02	9.79	4.5	-2.3	.3
<b>West Virginia</b>									
Btu .....	12,281	12,361	12,305	12,398	12,378	12,505	-1	*	*
Sulfur .....	1.42	1.84	1.86	1.95	1.93	1.92	-23.0	-7.4	-3.3
Ash .....	12.04	11.78	12.17	11.88	11.78	11.41	2.2	.5	.6
<b>East South Central</b>									
Btu .....	11,393	11,376	11,543	11,584	11,714	11,924	*	-1	-1
Sulfur .....	1.54	1.60	1.71	1.83	1.86	2.01	-3.9	-4.6	-2.9
Ash .....	9.78	10.10	10.58	10.65	10.60	10.83	-3.2	-2.0	-1.1

See footnotes at end of table.

**Table 106. Average Quality of Coal Received at Electric Utilities by Census Division and State, 1991, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Alabama</b>									
Btu .....	10,952	10,963	11,519	11,584	11,794	12,107	*	-2	-1
Sulfur .....	.91	1.02	1.13	1.13	1.24	1.40	-11.2	-7.4	-4.6
Ash .....	8.51	9.32	10.45	10.49	10.71	11.77	-8.7	-5.6	-3.5
<b>Kentucky</b>									
Btu .....	11,604	11,582	11,579	11,571	11,536	11,552	*	*	*
Sulfur .....	2.29	2.27	2.37	2.50	2.47	2.53	1.0	-1.8	-1.1
Ash .....	12.25	12.35	12.66	12.46	12.15	11.80	-8	.2	.4
<b>Mississippi</b>									
Btu .....	11,549	11,062	10,569	10,486	11,023	12,555	4	1	-1
Sulfur .....	.85	.74	.75	.68	.93	1.56	14.4	-2.3	-6.6
Ash .....	8.15	6.85	6.03	6.13	6.44	8.09	19.0	6.1	.1
<b>Tennessee</b>									
Btu .....	11,629	11,635	11,733	11,855	12,062	12,169	*	-1	-1
Sulfur .....	1.53	1.58	1.69	1.90	1.87	2.04	-3.3	-4.9	-3.1
Ash .....	8.68	8.82	8.89	9.17	8.89	8.59	-1.6	-6	.1
<b>West South Central</b>									
Btu .....	7,857	7,836	7,837	7,766	7,798	7,662	*	*	*
Sulfur .....	.56	.56	.60	.64	.60	.65	.2	-2.0	-1.6
Ash .....	9.20	9.16	9.12	9.35	9.19	10.42	.4	*	-1.4
<b>Arkansas</b>									
Btu .....	8,681	8,651	8,671	8,707	8,703	8,734	*	*	*
Sulfur .....	.27	.27	.29	.33	.33	.32	.8	-4.4	-1.8
Ash .....	4.64	4.75	4.90	5.12	5.20	5.14	-2.3	-2.8	-1.1
<b>Louisiana</b>									
Btu .....	7,933	8,149	8,097	8,102	8,171	8,223	-3	-1	*
Sulfur .....	.63	.58	.56	.64	.57	.49	7.8	2.5	2.9
Ash .....	8.45	7.40	7.76	7.22	7.13	7.24	14.2	4.3	1.7
<b>Oklahoma</b>									
Btu .....	8,728	8,620	8,651	8,641	8,600	8,792	1	*	*
Sulfur .....	.27	.31	.30	.30	.33	.44	-12.6	-5.0	-5.3
Ash .....	4.82	5.18	4.87	4.85	4.93	5.27	-7.1	-6	-1.0
<b>Texas</b>									
Btu .....	7,548	7,506	7,509	7,423	7,440	7,225	1	*	*
Sulfur .....	.65	.65	.71	.75	.71	.75	.5	-2.1	-1.5
Ash .....	10.86	10.90	10.82	11.09	10.98	12.56	-4	-3	-1.6
<b>Mountain</b>									
Btu .....	9,936	9,755	9,708	9,723	9,741	9,777	2	*	*
Sulfur .....	.52	.55	.55	.56	.55	.53	-4.1	-1.1	-2
Ash .....	10.91	11.14	11.24	11.40	11.37	10.90	-2.1	-1.0	*
<b>Arizona</b>									
Btu .....	10,229	10,257	10,186	10,159	10,232	10,356	*	*	*
Sulfur .....	.56	.55	.55	.54	.55	.51	2.9	.5	1.0
Ash .....	12.06	12.67	12.70	12.73	12.41	12.49	-4.8	-7	-4
<b>Colorado</b>									
Btu .....	9,797	9,749	9,834	9,872	9,858	9,888	*	*	*
Sulfur .....	.38	.38	.38	.38	.39	.37	-2.2	-8	.1
Ash .....	6.75	6.67	6.73	6.92	6.94	6.76	1.2	-7	*
<b>Montana</b>									
Btu .....	6,618	8,435	8,433	8,426	8,439	8,522	-22	-6	-3
Sulfur .....	.52	.73	.72	.72	.68	.65	-27.9	-6.3	-2.4
Ash .....	8.65	9.71	9.49	9.32	9.00	8.81	-11.0	-1.0	-2
<b>Nevada</b>									
Btu .....	11,211	11,257	11,199	11,169	11,140	11,121	*	*	*
Sulfur .....	.47	.46	.47	.50	.49	.50	2.1	-7	-5
Ash .....	9.45	9.35	9.68	9.80	9.71	9.80	1.1	-7	-4
<b>New Mexico</b>									
Btu .....	9,206	9,132	9,082	9,069	9,116	9,092	1	*	*
Sulfur .....	.80	.80	.80	.81	.80	.80	.3	*	-1
Ash .....	22.40	22.86	22.80	22.71	22.78	22.26	-2.0	-4	.1
<b>Utah</b>									
Btu .....	11,678	11,620	11,310	11,330	11,513	11,469	*	*	*
Sulfur .....	.45	.46	.46	.48	.47	.46	-2.9	-1.0	-1
Ash .....	9.33	9.93	11.17	10.90	10.90	10.52	-6.0	-3.8	-1.3

See footnotes at end of table.



**Table 106. Average Quality of Coal Received at Electric Utilities by Census Division and State, 1991, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Wyoming</b>									
Btu .....	8,803	8,784	8,794	8,787	8,716	8,756	*	*	*
Sulfur .....	.50	.51	.53	.54	.52	.51	-2.0	-1.3	-0.3
Ash .....	7.51	7.62	7.52	7.61	8.12	7.64	-1.4	-1.9	-2
<b>Pacific</b>									
Btu .....	8,479	8,444	8,332	8,153	8,066	8,122	*	1	*
Sulfur .....	.55	.64	.52	.58	.64	.57	-15.0	-3.8	-5
Ash .....	8.71	10.39	10.42	12.43	13.62	12.22	-16.2	-10.6	-3.7
<b>Oregon</b>									
Btu .....	8,636	8,961	8,685	8,757	8,782	8,429	-4	*	*
Sulfur .....	.38	.39	.32	.33	.26	.32	-3.0	9.6	2.0
Ash .....	6.10	6.41	5.19	5.41	4.79	4.60	-4.8	6.2	3.2
<b>Washington</b>									
Btu .....	8,310	8,224	8,215	8,043	7,936	8,014	1	1	*
Sulfur .....	.73	.75	.59	.62	.71	.66	-3.2	.7	1.0
Ash .....	11.49	12.08	12.14	13.71	15.24	14.88	-4.9	-6.8	-2.8
<b>U.S. Total</b>									
Btu .....	10,115	10,163	10,241	10,275	10,263	10,378	*	*	*
Sulfur .....	.93	1.01	1.06	1.11	1.10	1.30	-8.1	-4.2	-3.7
Ash .....	8.84	9.01	9.18	9.36	9.22	9.76	-1.9	-1.0	-1.1

<sup>1</sup> Quality units are: Btu (per pound); sulfur (percent by weight); and ash (percent by weight).

\* Data round to zero.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 107. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State, 1996-2000**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	Percent Change 1999-2000
<b>New England</b>						
Btu .....	13,075	13,236	13,264	13,326	13,028	-1.2
Sulfur .....	.83	.80	.79	.85	1.03	3.6
Ash .....	7.04	6.03	7.55	7.33	7.35	16.7
<b>Maine</b>						
Btu .....	12,961	13,041	13,174	13,218	12,935	-.6
Sulfur .....	.86	.82	.80	.87	1.08	4.9
Ash .....	7.06	6.26	7.60	7.34	7.31	12.8
<b>Massachusetts</b>						
Btu .....	13,535	13,768	13,675	13,746	13,697	-1.7
Sulfur .....	.70	.75	.73	.76	.74	-5.8
Ash .....	6.95	5.41	7.35	7.29	7.65	28.6
<b>Middle Atlantic</b>						
Btu .....	12,484	12,611	12,790	12,797	12,780	-1.0
Sulfur .....	1.14	1.21	1.19	1.19	1.20	-5.5
Ash .....	7.88	7.19	7.16	6.99	7.12	9.5
<b>New Jersey</b>						
Btu .....	12,750	12,659	12,615	12,497	12,474	.7
Sulfur .....	1.03	1.35	1.72	.64	1.36	-23.8
Ash .....	11.47	12.82	12.55	11.56	10.98	-10.5
<b>New York<sup>2</sup></b>						
Btu .....	13,147	12,318	13,183	13,262	13,168	6.7
Sulfur .....	1.30	1.32	1.18	1.36	1.41	-1.5
Ash .....	6.25	6.52	6.73	6.82	6.84	-4.2
<b>Pennsylvania<sup>2</sup></b>						
Btu .....	12,238	12,722	12,633	12,640	12,658	-3.8
Sulfur .....	1.10	1.18	1.19	1.16	1.16	-6.4
Ash .....	8.26	7.36	7.26	7.02	7.17	12.2
<b>East North Central</b>						
Btu .....	11,909	11,972	11,939	12,013	11,990	-.5
Sulfur .....	1.30	1.41	1.48	1.56	1.52	-7.5
Ash .....	7.16	7.27	7.59	7.55	7.34	-1.5
<b>Illinois<sup>2</sup></b>						
Btu .....	11,276	11,365	11,346	11,351	11,332	-.8
Sulfur .....	1.87	1.91	1.97	1.95	1.89	-2.0
Ash .....	7.63	7.67	7.67	7.45	7.41	-.5
<b>Indiana<sup>2</sup></b>						
Btu .....	11,933	11,997	11,941	11,867	11,826	-.5
Sulfur .....	1.04	1.15	1.28	1.35	1.32	-9.3
Ash .....	7.10	7.00	7.32	7.07	7.02	1.5
<b>Michigan<sup>2</sup></b>						
Btu .....	12,456	12,490	12,439	12,506	12,440	-.3
Sulfur .....	.87	.86	.99	1.04	.96	.6
Ash .....	6.72	6.57	7.47	7.67	6.80	2.2
<b>Ohio<sup>2</sup></b>						
Btu .....	12,408	12,363	12,310	12,348	12,415	.4
Sulfur .....	1.53	1.83	1.68	1.80	1.82	-16.5
Ash .....	7.22	7.76	8.17	8.52	8.27	-6.9
<b>Wisconsin</b>						
Btu .....	11,849	11,837	11,876	12,453	12,330	.1
Sulfur .....	1.59	1.51	1.37	1.68	2.05	5.7
Ash .....	6.81	7.95	7.40	7.45	7.72	-14.3
<b>West North Central</b>						
Btu .....	8,712	8,631	8,626	8,716	8,702	.9
Sulfur .....	.92	.94	.95	.87	.87	-2.1
Ash .....	6.51	6.34	6.34	6.44	6.40	2.7
<b>Iowa</b>						
Btu .....	10,490	10,140	10,292	10,261	10,373	3.5
Sulfur .....	1.22	.97	1.01	.95	1.04	25.1
Ash .....	6.69	6.36	6.38	6.25	6.40	5.2
<b>Kansas</b>						
Btu .....	12,078	12,354	12,344	12,287	12,243	-2.2
Sulfur .....	1.84	3.74	3.11	3.12	3.07	-50.8
Ash .....	11.39	8.83	9.61	10.75	10.36	29.0

See footnotes at end of table.

**Table 107. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	Percent Change 1999-2000
<b>Minnesota</b>						
Btu .....	9,647	9,656	9,626	9,910	10,051	-0.1
Sulfur .....	.41	.50	.58	.46	.61	-16.7
Ash .....	5.14	5.15	5.47	5.24	5.08	-1
<b>Missouri<sup>2</sup></b>						
Btu .....	11,564	11,359	11,287	11,470	11,541	1.8
Sulfur .....	2.02	2.23	2.25	2.23	2.02	-9.8
Ash .....	8.75	8.90	7.92	8.39	8.31	-1.7
<b>Nebraska</b>						
Btu .....	10,254	9,962	10,375	10,201	10,622	2.9
Sulfur .....	.45	.50	.52	.32	.36	-10.3
Ash .....	7.26	6.43	6.46	8.12	8.92	13.0
<b>North Dakota</b>						
Btu .....	7,114	7,133	7,138	7,135	7,136	-3
Sulfur .....	.72	.76	.78	.62	.61	-5.0
Ash .....	6.15	6.02	6.02	6.10	5.97	2.3
<b>South Dakota</b>						
Btu .....	10,434	10,184	9,884	9,786	9,849	2.5
Sulfur .....	1.23	.92	.81	.81	.83	33.9
Ash .....	8.12	7.24	8.47	7.38	7.55	12.2
<b>South Atlantic</b>						
Btu .....	13,008	13,049	13,035	12,988	12,972	-3
Sulfur .....	1.08	1.08	1.06	1.10	1.09	-2
Ash .....	8.07	7.96	7.95	8.39	8.11	1.4
<b>Delaware</b>						
Btu .....	13,059	13,076	13,452	13,450	13,381	-1
Sulfur .....	1.60	1.77	1.17	1.73	1.75	-9.8
Ash .....	8.00	7.56	6.94	7.01	7.01	5.8
<b>Florida</b>						
Btu .....	12,875	12,988	13,022	12,834	12,903	-9
Sulfur .....	.88	.89	.86	.91	.87	-2.1
Ash .....	8.12	8.07	7.56	8.38	8.07	.7
<b>Georgia</b>						
Btu .....	12,821	12,925	12,828	12,756	12,873	-8
Sulfur .....	1.06	1.04	.98	1.11	1.11	1.8
Ash .....	8.89	8.39	8.30	8.80	8.79	6.0
<b>Maryland<sup>2</sup></b>						
Btu .....	12,536	12,650	12,656	12,653	12,411	-9
Sulfur .....	1.84	1.84	1.79	1.96	1.92	-1
Ash .....	14.36	13.75	13.98	14.06	14.19	4.5
<b>North Carolina</b>						
Btu .....	13,246	13,195	13,193	13,234	13,243	.4
Sulfur .....	1.00	.92	.93	.98	.93	8.6
Ash .....	7.15	7.48	7.56	7.53	7.10	-4.4
<b>South Carolina</b>						
Btu .....	13,135	13,174	13,106	13,179	13,076	-3
Sulfur .....	1.04	1.02	1.03	1.00	1.02	1.2
Ash .....	7.64	7.87	7.87	8.24	8.09	-2.9
<b>Virginia<sup>2</sup></b>						
Btu .....	13,193	13,228	13,204	13,081	12,982	-3
Sulfur .....	.98	1.01	1.02	1.05	1.04	-2.9
Ash .....	7.44	7.48	7.75	8.06	7.97	-4
<b>West Virginia<sup>2</sup></b>						
Btu .....	12,871	12,855	12,885	12,782	12,809	.1
Sulfur .....	1.14	1.17	1.14	1.18	1.14	-3.1
Ash .....	7.38	7.02	7.04	7.78	7.24	5.1
<b>East South Central</b>						
Btu .....	12,947	12,997	12,848	12,750	12,916	-4
Sulfur .....	.93	.90	.99	1.02	1.06	3.5
Ash .....	6.12	6.30	7.45	7.34	7.20	-2.8
<b>Alabama<sup>2</sup></b>						
Btu .....	12,725	12,942	12,738	12,539	12,632	-1.7
Sulfur .....	.89	.95	.92	.98	.98	-6.6
Ash .....	6.15	6.41	7.12	7.18	6.90	-4.0
<b>Kentucky<sup>2</sup></b>						
Btu .....	13,204	13,120	12,735	12,831	13,072	.6
Sulfur .....	.58	.61	.97	1.01	1.05	-3.8
Ash .....	2.98	3.33	6.88	6.55	6.59	-10.6

See footnotes at end of table.

**Table 107. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	Percent Change 1999-2000
<b>Mississippi</b>						
Btu .....	11,961	11,856	11,907	11,977	11,911	0.9
Sulfur .....	1.38	2.05	2.06	1.55	1.41	-32.6
Ash .....	7.09	7.86	9.33	9.60	9.73	-9.9
<b>Tennessee<sup>2</sup></b>						
Btu .....	13,044	13,052	13,013	12,910	13,103	-1
Sulfur .....	1.22	.98	1.03	1.07	1.14	24.3
Ash .....	8.25	8.07	8.19	8.01	7.94	2.3
<b>West South Central</b>						
Btu .....	8,705	8,652	12,111	9,155	9,176	.6
Sulfur .....	1.02	1.25	1.16	1.07	1.06	-18.3
Ash .....	10.78	11.45	12.16	11.39	11.36	-5.8
<b>Arkansas</b>						
Btu .....	12,577	12,732	12,545	12,369	12,474	-1.2
Sulfur .....	1.51	2.09	2.03	1.98	2.03	-27.7
Ash .....	10.22	11.37	11.06	10.25	10.27	-10.1
<b>Louisiana</b>						
Btu .....	12,251	11,742	12,534	12,395	12,627	4.3
Sulfur .....	1.14	1.21	1.23	1.33	1.27	-5.4
Ash .....	9.67	9.45	10.47	10.25	10.23	2.4
<b>Oklahoma</b>						
Btu .....	9,941	9,890	9,970	9,974	9,835	.5
Sulfur .....	.69	2.32	1.02	.93	.89	-70.4
Ash .....	5.85	6.42	6.79	6.18	5.97	-8.9
<b>Texas<sup>2</sup></b>						
Btu .....	8,140	8,126	12,410	8,789	8,757	.2
Sulfur .....	1.03	1.01	1.12	1.02	1.01	2.0
Ash .....	11.62	12.29	13.08	12.15	12.37	-5.4
<b>Mountain</b>						
Btu .....	10,670	10,679	10,683	10,851	10,699	-1
Sulfur .....	.69	.69	.73	.72	.67	-8
Ash .....	6.80	7.46	7.44	7.09	7.79	-8.9
<b>Arizona</b>						
Btu .....	11,080	10,978	10,850	12,250	10,603	.9
Sulfur .....	.60	.60	.59	.76	.53	-1.0
Ash .....	12.18	13.00	13.73	10.48	13.15	-6.4
<b>Colorado</b>						
Btu .....	10,853	11,241	11,219	11,293	11,308	-3.4
Sulfur .....	.71	.77	.79	.55	.54	-7.0
Ash .....	8.33	8.13	7.94	8.03	7.79	2.4
<b>Idaho</b>						
Btu .....	11,030	10,525	9,860	10,131	10,148	4.8
Sulfur .....	.69	.79	.84	.72	.72	-12.2
Ash .....	6.60	7.00	5.31	6.46	6.40	-5.7
<b>Montana</b>						
Btu .....	8,008	8,548	11,688	8,689	8,695	-6.3
Sulfur .....	.57	.53	.49	.44	.44	7.2
Ash .....	7.61	6.59	6.14	5.27	5.31	15.4
<b>Nevada</b>						
Btu .....	11,640	11,555	11,495	11,576	11,533	.7
Sulfur .....	.44	.45	.51	.50	.51	-1.9
Ash .....	8.51	8.76	8.90	8.76	8.80	-2.8
<b>New Mexico</b>						
Btu .....	12,606	12,557	12,383	12,507	12,302	.4
Sulfur .....	.84	.93	.92	.74	.82	-9.7
Ash .....	8.09	9.08	10.45	10.36	11.67	-10.9
<b>Utah<sup>2</sup></b>						
Btu .....	11,605	11,684	11,775	11,552	11,589	-7
Sulfur .....	.67	.61	.74	.79	.82	9.3
Ash .....	5.78	8.01	8.18	8.10	8.01	-27.9
<b>Wyoming</b>						
Btu .....	10,058	10,096	10,158	10,119	10,365	-4
Sulfur .....	.76	.78	.76	.73	.70	-2.9
Ash .....	5.02	4.87	4.61	4.66	4.68	3.1

See footnotes at end of table.

**Table 107. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State, 1996-2000 (Continued)**

Census Division and State and Quality <sup>1</sup>	2000	1999	1998	1997	1996	Percent Change 1999-2000
<b>Pacific</b>						
Btu .....	11,750	11,673	11,564	11,513	11,677	0.7
Sulfur.....	.52	.56	.57	.57	.56	-5.7
Ash .....	8.67	8.84	9.14	8.96	9.15	-1.9
<b>California</b>						
Btu .....	11,895	11,871	11,814	11,759	11,899	.2
Sulfur.....	.52	.55	.57	.57	.55	-5.5
Ash .....	8.47	8.66	8.99	8.72	8.72	-2.2
<b>Hawaii</b>						
Btu .....	9,759	8,237	7,928	8,704	9,157	18.5
Sulfur.....	.54	.55	.49	.52	.53	-1.8
Ash .....	12.45	12.71	12.85	13.22	14.99	-2.0
<b>Oregon</b>						
Btu .....	11,810	11,655	11,001	10,989	11,159	1.3
Sulfur.....	.61	.59	.65	.65	.65	3.1
Ash .....	6.62	7.15	7.00	6.96	7.03	-7.4
<b>Washington</b>						
Btu .....	11,166	11,076	11,651	11,818	11,622	.8
Sulfur.....	.55	.68	.58	.58	.65	-19.5
Ash .....	9.85	9.70	8.10	8.70	10.00	1.5
<b>U.S. Total</b>						
Btu .....	11,218	11,245	11,583	11,407	11,405	-2
Sulfur.....	1.08	1.13	1.15	1.17	1.17	-5.0
Ash .....	7.44	7.42	7.71	7.62	7.58	.2

<sup>1</sup> Quality units are: Btu (per pound); sulfur (percent by weight); and ash (percent by weight).

<sup>2</sup> Includes sulfur and ash data for coke plants.

Notes: Btu data are for manufacturing plants only. The national average of coke plant data ranges from .51 to 1.70 for sulfur and 2.6 to 10.1 for ash.

Sources: Energy Information Administration, Form EIA-3A, "Annual Coal Quality Report - Manufacturing Plants"; and Form EIA-5A, "Annual Coal Quality Report - Coke Plants."

# **Appendix A**

## **Major Coal Producing States**

## Appendix A

# Major Coal Producing States

**Table A1. Alabama Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	368,274	436,207	373,714	374,421	451,760	470,434	-15.6	-5.0	-2.7
Productive Capacity <sup>1</sup> .....	22,283	22,290	27,891	29,081	32,159	NA	*	-8.8	NA
Production Total.....	19,324	19,504	23,013	24,468	24,637	27,269	-9	-5.9	-3.8
Underground.....	15,895	14,799	17,316	18,505	18,217	17,070	7.4	-3.3	-8
Surface.....	3,430	4,705	5,697	5,963	6,420	10,199	-27.1	-14.5	-11.4
Capacity Utilization <sup>2</sup> .....	86.66	87.42	82.45	84.05	76.57	NA	-9	3.1	NA
Ratio of Recoverable									
Reserves to Production.....	19.1	22.4	16.2	15.3	18.3	17.3	-14.8	1.0	1.1
Number of Employees/Miners.....	3,303	4,183	4,875	4,928	5,031	6,314	-21.0	-10.0	-6.9
Productivity Total <sup>2</sup> .....	2.75	2.25	2.31	2.39	2.20	2.17	22.2	5.7	2.7
Underground.....	2.68	2.09	2.16	2.21	1.95	1.90	28.1	8.3	3.8
Surface.....	3.16	2.98	2.93	3.21	3.50	2.84	6.1	-2.5	1.2
Producer/Distributor Stocks.....	932	2,172	1,636	1,289	1,031	-	-57.1	-2.5	-
Imports <sup>3</sup> .....	3,652	692	169	214	161	-	427.7	118.3	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	20,293	19,297	23,046	23,921	24,636	NA	5.2	-4.7	NA
Domestic Distribution Total.....	15,486	15,990	18,245	18,108	19,772	NA	-3.1	-5.9	NA
Within State.....	14,414	14,024	17,831	17,489	18,503	NA	2.8	-6.0	NA
To Other States.....	1,072	1,966	414	619	1,269	NA	-45.5	-4.1	NA
Foreign Distribution Total.....	4,807	3,307	4,801	5,813	4,864	NA	45.3	-3	NA
Metallurgical.....	4,721	3,307	4,743	5,699	4,523	NA	42.7	1.1	NA
Steam.....	86	-	59	114	341	NA	-	-29.1	NA
Overseas Total <sup>4</sup> .....	4,807	3,307	4,801	5,813	4,864	NA	45.3	-3	NA
Metallurgical.....	4,721	3,307	4,743	5,699	4,523	NA	42.7	1.1	NA
Steam.....	86	-	59	114	341	NA	-	-29.1	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	39,797	38,100	36,328	36,607	37,052	29,349	4.4	1.8	3.4
Electric Utility.....	35,482	33,429	31,474	30,840	31,216	23,700	6.1	3.3	4.6
Other Industrial.....	2,243	2,340	2,442	2,738	2,545	2,468	-4.1	-3.1	-1.0
Coke.....	w	w	w	2,956	3,247	3,166	w	w	w
Residential/Commercial.....	w	w	w	73	44	17	w	w	w
Consumer Stocks Total.....	w	w	3,577	2,971	2,858	4,671	w	w	w
Electric Utility.....	w	w	3,195	2,609	2,526	4,247	w	w	w
All Other.....	281	358	381	362	332	424	-21.4	-4.0	-4.4
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$33.37	\$35.29	\$37.23	\$38.48	\$39.48	\$41.14	-5.4	-4.1	-2.3
Underground.....	33.97	35.58	37.69	39.54	40.75	40.19	-4.5	-4.4	-1.9
Surface.....	30.75	34.40	35.89	35.15	35.87	42.72	-10.6	-3.8	-3.6
Consumer.....									
Electric Utility.....	\$30.88	\$32.36	\$36.28	35.58	36.39	43.82	-4.6	-4.0	-3.8
Other Industrial.....	39.30	39.81	39.49	40.20	40.15	40.43	-1.3	-5	-3
Coke.....	w	w	w	50.04	49.37	48.35	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table A2. Arizona Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	w	w	w	w	w	w	w	w	w
Productive Capacity <sup>1</sup> .....	w	w	w	w	w	NA	w	w	NA
Production Total.....	13,111	11,787	11,315	11,723	10,442	13,203	11.2	5.8	-0.1
Surface.....	13,111	11,787	11,315	11,723	10,442	13,203	11.2	5.8	-0.1
Capacity Utilization <sup>2</sup> .....	w	w	w	w	w	NA	w	w	NA
Ratio of Recoverable									
Reserves to Production.....	w	w	w	w	w	w	w	w	w
Number of Employees/Miners.....	718	732	747	676	651	900	-1.9	2.5	-2.5
Productivity Total <sup>2</sup> .....	7.15	6.61	6.53	6.79	6.30	6.64	8.1	3.2	.8
Surface.....	7.15	6.61	6.53	6.79	6.30	6.64	8.1	3.2	.8
Producer/Distributor Stocks.....	1,354	1,229	2,077	2,911	2,232	-	10.2	-11.8	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	12,986	12,623	12,169	11,044	10,970	NA	2.9	4.3	NA
Domestic Distribution Total.....	12,986	12,623	12,169	11,044	10,970	NA	2.9	4.3	NA
Within State.....	8,275	8,129	7,680	6,646	6,499	NA	1.8	6.2	NA
To Other States.....	4,711	4,494	4,489	4,398	4,470	NA	4.8	1.3	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	21,129	19,711	19,014	18,205	16,792	16,805	7.2	5.9	2.6
Electric Utility.....	20,409	19,025	18,316	17,503	16,117	16,116	7.3	6.1	2.6
Other Industrial.....	720	685	698	702	675	w	5.1	1.6	w
Residential/Commercial.....	*	*	*	*	*	w	-53.6	-38.7	w
Consumer Stocks Total.....	w	w	1,925	1,414	2,024	4,229	w	w	w
Electric Utility.....	w	w	1,855	1,386	1,992	4,177	w	w	w
All Other.....	44	49	70	28	32	w	-10.8	7.9	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	w	w	w	w	w	w	w	w	w
Surface.....	w	w	w	w	w	w	w	w	w
Consumer									
Electric Utility.....	\$25.33	\$27.21	\$27.12	\$28.95	\$29.55	\$29.16	-6.9	-3.8	-1.5
Other Industrial.....	41.26	39.88	38.67	38.81	39.27	40.09	3.4	1.2	.3

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

<sup>NA</sup> Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A3. Colorado Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	584,439	616,548	540,199	567,538	641,615	617,752	-5.2	-2.3	-0.6
Productive Capacity <sup>1</sup> .....	41,546	41,098	36,658	35,466	29,330	NA	1.1	9.1	NA
Production Total.....	29,137	29,989	29,631	27,449	24,886	17,834	-2.8	4.0	5.6
Underground.....	19,982	20,478	19,705	17,820	15,581	9,601	-2.4	6.4	8.5
Surface.....	9,155	9,511	9,926	9,628	9,305	8,233	-3.7	-4	1.2
Capacity Utilization <sup>2</sup> .....	70.13	72.97	80.83	77.39	84.85	NA	-3.9	-4.6	NA
Ratio of Recoverable Reserves to Production.....	20.1	20.6	18.2	20.7	25.8	34.6	-2.4	-6.1	-5.9
Number of Employees/Miners.....	1,835	1,863	1,845	1,362	1,332	2,037	-1.5	8.3	-1.1
Productivity Total <sup>2</sup> .....	7.64	7.93	7.89	7.68	7.32	5.05	-3.6	1.1	4.7
Underground.....	7.84	8.13	7.73	7.44	6.67	4.23	-3.6	4.1	7.1
Surface.....	7.26	7.53	8.22	8.17	8.76	6.51	-3.6	-4.6	1.2
Producer/Distributor Stocks.....	1,252	1,661	1,594	1,364	494	-	-24.6	26.2	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	29,413	30,017	29,294	26,968	25,405	NA	-2.0	3.7	NA
Domestic Distribution Total.....	28,314	28,198	27,541	25,445	23,990	NA	.4	4.2	NA
Within State.....	13,462	12,294	11,993	12,307	10,704	NA	9.5	5.9	NA
To Other States.....	14,852	15,904	15,547	13,138	13,286	NA	-6.6	2.8	NA
Foreign Distribution Total.....	1,099	1,819	1,754	1,523	1,415	NA	-39.6	-6.1	NA
Metallurgical.....	-	-	-	-	30	NA	-	-100.0	NA
Steam.....	1,099	1,819	1,754	1,523	1,385	NA	-39.6	-5.6	NA
Overseas Total <sup>3</sup> .....	1,099	1,819	1,754	1,523	1,415	NA	-39.6	-6.1	NA
Metallurgical.....	-	-	-	-	30	NA	-	-	NA
Steam.....	1,099	1,819	1,754	1,523	1,385	NA	-39.6	-5.6	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	19,314	18,235	18,072	17,908	17,222	16,218	5.9	2.9	1.9
Electric Utility.....	18,807	17,704	17,663	17,116	16,841	15,416	6.2	2.8	2.2
Other Industrial.....	427	429	391	728	368	738	-5	3.8	-5.9
Residential/Commercial.....	80	102	18	65	13	w	-21.8	56.5	w
Consumer Stocks Total.....	w	w	2,862	2,476	3,054	w	w	w	w
Electric Utility.....	w	w	2,840	2,458	3,027	3,466	w	w	w
All Other.....	15	19	23	18	27	w	-22.3	-14.2	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$17.27	\$17.23	\$17.30	\$18.46	\$17.94	\$22.18	.2	-9	-2.7
Underground.....	16.19	16.30	16.38	18.50	17.73	24.09	-7	-2.2	-4.3
Surface.....	19.71	19.27	16.99	18.40	18.28	19.96	2.3	1.9	-1
Consumer									
Electric Utility.....	\$18.14	\$19.20	\$19.41	19.93	20.24	21.49	-5.5	-2.7	-1.9
Other Industrial.....	24.11	23.99	23.75	25.13	23.17	29.27	.5	1.0	-2.1

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A4. Illinois Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	716,098	780,453	743,592	744,512	891,109	1,256,524	-8.2	-5.3	-6.0
Productive Capacity <sup>1</sup> .....	39,027	48,783	47,625	51,523	61,727	NA	-20.0	-10.8	NA
Production Total.....	33,444	40,417	39,732	41,159	46,656	60,258	-17.3	-8.0	-6.3
Underground.....	29,642	36,758	35,251	34,824	38,948	43,134	-19.3	-6.6	-4.1
Surface.....	3,802	3,659	4,482	6,334	7,707	17,124	3.9	-16.2	-15.4
Capacity Utilization <sup>2</sup> .....	85.70	82.85	83.43	79.87	75.58	NA	3.4	3.2	NA
Ratio of Recoverable									
Reserves to Production.....	21.4	19.3	18.7	18.1	19.1	20.8	10.9	2.9	.3
Number of Employees/Miners.....	3,454	4,323	4,297	4,612	5,174	9,102	-20.1	-9.6	-10.2
Productivity Total <sup>2</sup> .....	4.32	4.19	4.17	4.20	4.18	3.18	3.2	.8	3.5
Underground.....	4.30	4.29	4.20	4.07	4.10	2.88	.2	1.2	4.5
Surface.....	4.47	3.36	3.98	5.11	4.67	4.30	33.2	-1.1	.4
Producer/Distributor Stocks.....	956	1,049	952	1,358	1,190	-	-8.9	-5.3	-
Imports <sup>3</sup> .....	121	30	61	148	216	-	303.8	-13.5	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	32,424	40,167	39,754	41,220	47,076	NA	-19.3	-8.9	NA
Domestic Distribution Total.....	32,424	40,102	39,447	40,447	45,190	NA	-19.1	-8.0	NA
Within State.....	10,722	17,592	16,652	18,085	16,052	NA	-39.0	-9.6	NA
To Other States.....	21,702	22,511	22,795	22,362	29,137	NA	-3.6	-7.1	NA
Foreign Distribution Total.....	-	65	307	773	1,886	NA	-100.0	-100.0	NA
Steam.....	-	65	307	773	1,886	NA	-100.0	-100.0	NA
Overseas Total <sup>4</sup> .....	-	65	307	773	1,886	NA	-100.0	-	NA
Steam.....	-	65	307	773	1,886	NA	-100.0	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	23,018	42,171	44,662	47,637	44,431	34,677	-45.4	-15.2	-4.4
Electric Utility.....	16,807	35,996	38,255	41,017	38,090	27,754	-53.3	-18.5	-5.4
Other Industrial.....	3,491	3,635	3,846	3,880	3,740	4,426	-3.9	-1.7	-2.6
Coke.....	w	w	w	w	w	2,240	w	w	w
Residential/Commercial.....	w	w	w	w	w	257	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	7,693	w	w	w
Electric Utility.....	w	w	6,572	4,828	4,578	6,977	w	w	w
All Other.....	w	w	w	w	w	716	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$22.78	\$22.90	\$22.86	\$21.44	\$22.74	\$28.35	-.5	*	-2.4
Underground.....	22.65	22.84	22.96	22.22	23.12	29.05	-8	-5	-2.7
Surface.....	23.79	23.56	22.07	17.12	20.86	26.59	1.0	3.3	-1.2
Consumer									
Electric Utility.....	\$22.31	\$27.47	\$30.22	30.41	32.14	36.76	-18.8	-8.7	-5.4
Other Industrial.....	28.44	29.62	29.46	29.76	29.69	30.81	-3.9	-1.1	-9
Coke.....	w	w	w	w	w	48.79	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A5. Indiana Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	317,520	290,640	313,382	393,357	386,063	419,790	9.2	-4.8	-3.0
Productive Capacity <sup>1</sup> .....	34,275	41,355	42,190	36,999	35,564	NA	-17.1	-9	NA
Production Total.....	27,965	34,004	36,803	35,497	29,670	31,468	-17.8	-1.5	-1.3
Underground.....	3,688	3,553	3,445	3,530	2,963	2,832	3.8	5.6	3.0
Surface.....	24,277	30,451	33,359	31,967	26,707	28,636	-20.3	-2.3	-1.8
Capacity Utilization <sup>2</sup> .....	81.59	82.22	87.19	95.94	83.42	NA	-8	-5	NA
Ratio of Recoverable									
Reserves to Production.....	11.3	8.5	8.5	11.1	13.0	13.3	32.8	-3.3	-1.8
Number of Employees/Miners.....	2,031	2,633	2,930	2,712	2,579	3,919	-22.9	-5.8	-7.0
Productivity Total <sup>2</sup> .....	5.67	5.42	5.17	5.33	4.98	4.02	4.6	3.3	3.9
Underground.....	3.28	3.44	3.63	3.74	3.09	2.97	-4.8	1.5	1.1
Surface.....	6.38	5.81	5.41	5.59	5.34	4.17	9.7	4.5	4.8
Producer/Distributor Stocks.....	310	521	672	698	574	-	-40.5	-14.3	-
Imports <sup>3</sup> .....	701	193	976	474	735	-	262.5	-1.2	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	28,285	34,215	36,774	34,810	29,674	NA	-17.3	-1.2	NA
Domestic Distribution Total.....	28,285	34,215	36,774	34,805	29,664	NA	-17.3	-1.2	NA
Within State.....	26,660	30,742	32,872	29,916	24,309	NA	-13.3	2.3	NA
To Other States.....	1,625	3,473	3,902	4,889	5,354	NA	-53.2	-25.8	NA
Foreign Distribution Total.....	-	-	-	5	11	NA	-	-100.0	NA
Steam.....	-	-	-	5	11	NA	-	-100.0	NA
Overseas Total <sup>4</sup> .....	-	-	-	5	11	NA	-	-	NA
Steam.....	-	-	-	5	11	NA	-	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	70,583	66,157	66,300	66,051	64,021	60,790	6.7	2.5	1.7
Electric Utility.....	57,741	55,105	55,086	54,845	52,855	47,720	4.8	2.2	2.1
Other Industrial.....	4,296	4,145	4,399	5,096	4,987	4,404	3.6	-3.6	-3
Coke.....	w	w	w	5,715	5,823	8,234	w	w	w
Residential/Commercial.....	w	w	w	395	356	433	w	w	w
Consumer Stocks Total.....	w	w	8,989	6,643	7,955	11,387	w	w	w
Electric Utility.....	w	w	8,198	5,822	7,103	9,953	w	w	w
All Other.....	619	811	791	821	853	1,434	-23.6	-7.7	-8.9
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$19.79	\$19.99	\$19.68	\$19.62	\$20.24	\$23.58	-1.0	-5	-1.9
Underground.....	w	w	w	w	w	w	w	w	w
Surface.....	w	w	w	w	w	w	w	w	w
Consumer									
Electric Utility.....	\$22.91	\$23.58	\$23.63	\$24.35	\$24.67	\$28.41	-2.8	-1.8	-2.4
Other Industrial.....	30.44	30.33	30.21	29.75	31.76	33.01	.3	-1.0	-9
Coke.....	w	w	w	50.75	51.93	53.31	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A6. Kentucky Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	948,081	1,119,287	1,179,662	1,330,702	1,255,351	1,632,076	-15.3	-6.8	-5.8
Productive Capacity <sup>1</sup> .....	164,401	182,633	187,582	195,453	189,225	NA	-10.0	-3.4	NA
Production Total.....	130,688	139,626	150,295	155,853	152,425	158,980	-6.4	-3.8	-2.1
Underground.....	80,177	86,150	92,832	96,302	94,306	97,332	-6.9	-4.0	-2.1
Surface.....	50,511	53,476	57,462	59,551	58,119	61,647	-5.5	-3.4	-2.2
Capacity Utilization <sup>2</sup> .....	79.31	76.32	79.98	79.62	80.38	NA	3.9	-3	NA
Ratio of Recoverable Reserves to Production.....	7.3	8.0	7.8	8.5	8.2	10.3	-9.5	-3.1	-3.8
Number of Employees/Miners.....	15,500	17,211	18,927	18,937	18,826	26,642	-9.9	-4.7	-5.8
Productivity Total <sup>2</sup> .....	3.96	3.89	3.79	3.94	3.80	3.01	1.9	1.0	3.1
Underground.....	3.51	3.55	3.51	3.64	3.53	2.71	-1.1	-2	2.9
Surface.....	4.99	4.60	4.37	4.57	4.35	3.66	8.5	3.4	3.5
Producer/Distributor Stocks.....	3,334	5,510	4,651	5,376	4,460	-	-39.5	-7.0	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	133,756	138,632	153,102	152,746	152,891	NA	-3.5	-3.3	NA
Domestic Distribution Total.....	129,374	133,997	146,171	145,526	143,748	NA	-3.4	-2.6	NA
Within State.....	26,024	25,939	29,690	22,813	25,700	NA	.3	.3	NA
To Other States.....	103,350	108,057	116,481	122,713	118,047	NA	-4.4	-3.3	NA
Foreign Distribution Total.....	4,382	4,636	6,931	7,220	9,143	NA	-5.5	-16.8	NA
Metallurgical.....	4,382	3,907	5,042	4,762	5,303	NA	12.2	-4.7	NA
Steam.....	-	728	1,889	2,458	3,841	NA	-100.0	-100.0	NA
Canada Total.....	1,630	1,497	1,459	739	1,178	NA	8.9	8.5	NA
Metallurgical.....	1,630	1,459	1,459	739	1,178	NA	11.7	8.5	NA
Steam.....	-	38	-	-	-	NA	-100.0	-	NA
Overseas Total <sup>3</sup> .....	2,752	3,138	5,472	6,481	7,966	NA	-12.3	-23.3	NA
Metallurgical.....	2,752	2,448	3,583	4,023	4,125	NA	12.4	-9.6	NA
Steam.....	-	691	1,889	2,458	3,841	NA	-100.0	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	37,586	37,495	38,798	41,889	40,862	34,517	.2	-2.1	.9
Electric Utility.....	35,031	34,711	35,842	38,281	37,072	31,432	.9	-1.4	1.2
Other Industrial.....	1,095	1,108	1,392	1,912	2,321	2,044	-1.2	-17.1	-6.7
Coke.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	4,668	4,475	4,119	5,881	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$23.80	\$23.50	\$23.82	\$23.72	\$23.91	\$25.45	1.3	-1	-7
Underground.....	24.31	23.82	24.23	24.73	24.66	25.92	2.1	-4	-7
Surface.....	22.97	22.97	23.16	22.08	22.68	24.70	-	-3	-8
Consumer									
Electric Utility.....	\$23.74	\$24.52	\$24.52	24.20	24.43	27.19	-3.2	-7	-1.5
Other Industrial.....	41.69	42.72	43.66	44.71	44.02	46.54	-2.4	-1.3	-1.2
Coke.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

R Revised Data.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A7. Montana Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	1,103,587	1,146,570	1,191,240	1,167,892	1,308,793	1,392,795	-3.7	-4.2	-2.5
Productive Capacity <sup>1</sup> .....	54,682	54,882	55,882	56,140	56,175	NA	-4	-7	NA
Production Total.....	38,352	41,102	42,840	41,005	37,891	38,237	-6.7	.3	*
Underground.....	-	-	-	8	147	3	-	-	-
Surface.....	38,352	41,102	42,840	40,997	37,744	38,235	-6.7	.4	*
Capacity Utilization <sup>2</sup> .....	70.14	74.89	76.66	73.03	67.45	NA	-6.3	1.0	NA
Ratio of Recoverable									
Reserves to Production.....	28.8	27.9	27.8	28.5	34.5	36.4	3.1	-4.5	-2.6
Number of Employees/Miners.....	867	927	925	708	705	794	-6.5	5.3	1.0
Productivity Total <sup>2</sup> .....	22.85	22.84	22.96	23.56	21.88	18.99	*	1.1	2.1
Underground.....	-	-	-	-	3.50	-	-	-	-
Surface.....	22.85	22.84	22.96	23.56	22.34	18.99	*	.6	2.1
Producer/Distributor Stocks.....	439	603	745	682	580	-	-27.2	-6.7	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	38,343	41,332	42,674	40,942	38,288	NA	-7.2	*	NA
Domestic Distribution Total.....									
Within State.....	37,735	40,649	41,860	40,363	37,770	NA	-7.2	*	NA
To Other States.....	9,723	10,346	10,360	9,019	7,844	NA	-6.0	5.5	NA
Foreign Distribution Total.....	28,012	30,303	31,500	31,345	29,926	NA	-7.6	-1.6	NA
Steam.....	608	682	814	579	518	NA	-10.9	4.1	NA
Canada Total.....	608	682	814	438	316	NA	-10.9	17.8	NA
Steam.....	608	682	814	438	316	NA	-10.9	17.8	NA
Overseas Total <sup>3</sup> .....	-	-	-	141	202	NA	-	-	NA
Steam.....	-	-	-	141	202	NA	-	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	486	10,369	10,776	9,474	8,032	10,549	-95.3	-50.4	-29.0
Electric Utility.....	317	10,198	10,627	9,286	7,897	10,223	-96.9	-55.2	-32.0
Other Industrial.....	166	168	145	105	130	281	-1.3	6.2	-5.7
Residential/Commercial.....	3	3	4	83	4	45	-2.6	-10.1	-26.3
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	335	410	508	741	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$8.87	\$8.82	\$8.25	\$9.84	\$9.96	\$10.76	.6	-2.9	-2.1
Underground.....	-	-	-	-	9.68	-	-	-	-
Surface.....	\$8.87	\$8.82	\$8.25	9.84	9.97	10.76	.6	-2.9	-2.1
Consumer									
Electric Utility.....	\$12.12	\$12.26	\$11.36	11.52	11.90	11.44	-1.2	.4	.6
Other Industrial.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

<sup>NA</sup> Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A8. New Mexico Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	1,323,434	1,384,562	1,384,761	1,415,028	1,436,359	1,608,287	-4.4	-2.0	-2.1
Productive Capacity <sup>1</sup> .....	33,118	32,797	32,790	31,604	32,695	NA	1.0	.3	NA
Production Total.....	27,323	29,156	28,597	27,025	24,067	21,518	-6.3	3.2	2.7
Underground.....	4	106	203	-	-	25	-96.4	-	-19.0
Surface.....	27,320	29,051	28,394	27,025	24,067	21,492	-5.9	3.2	2.7
Capacity Utilization <sup>2</sup> .....	82.49	88.90	87.21	85.51	73.61	NA	-7.2	2.9	NA
Ratio of Recoverable									
Reserves to Production.....	48.4	47.5	48.4	52.4	59.7	74.7	2.0	-5.1	-4.7
Number of Employees/Miners.....	1,600	1,687	1,734	1,339	1,347	1,650	-5.1	4.4	-.3
Productivity Total <sup>2</sup> .....	8.50	8.30	7.92	9.37	8.45	6.25	2.4	.2	3.5
Underground.....	-	2.10	4.01	-	-	.71	-100.0	-	-
Surface.....	8.50	8.39	7.98	9.37	8.45	6.31	1.3	.2	3.4
Producer/Distributor Stocks.....	2,326	2,528	1,916	1,023	1,890	-	-8.0	5.3	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	27,136	28,450	28,026	27,377	25,043	NA	-4.6	2.0	NA
Domestic Distribution Total.....	27,136	28,450	28,026	27,352	25,035	NA	-4.6	2.0	NA
Within State.....	16,483	16,423	15,819	15,786	15,009	NA	.4	2.4	NA
To Other States.....	10,653	12,028	12,206	11,566	10,026	NA	-11.4	1.5	NA
Foreign Distribution Total.....	-	-	-	25	9	NA	-	-100.0	NA
Steam.....	-	-	-	25	9	NA	-	-100.0	NA
Overseas Total <sup>3</sup> .....	-	-	-	25	9	NA	-	-	NA
Steam.....	-	-	-	25	9	NA	-	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	16,585	16,303	15,963	15,887	15,297	12,858	1.7	2.0	2.9
Electric Utility.....	16,504	16,223	15,883	15,802	15,215	12,809	1.7	2.0	2.8
Other Industrial.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	789	795	815	1,399	w	w	w
All Other.....	3	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$20.87	\$20.97	\$20.68	\$21.83	\$24.66	\$23.25	-.5	-4.1	-1.2
Underground.....	w	w	\$8.10	w	w	w	w	w	w
Surface.....	w	w	20.38	w	w	w	w	w	w
Consumer									
Electric Utility.....	\$25.38	\$24.27	23.72	\$24.23	\$26.04	\$25.02	4.5	-.6	.1
Other Industrial.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

<sup>NA</sup> Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A9. North Dakota Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	1,237,012	1,188,258	1,169,618	1,210,828	1,301,400	1,385,624	4.1	-1.3	-1.3
Productive Capacity <sup>1</sup> .....	32,961	32,610	32,484	32,568	32,184	NA	1.1	.6	NA
Production Total.....	31,270	31,135	29,912	29,580	29,861	29,530	.4	1.1	.6
Surface.....	31,270	31,135	29,912	29,580	29,861	29,530	.4	1.1	.6
Capacity Utilization <sup>2</sup> .....	94.87	95.48	92.08	90.82	92.78	NA	-6	.5	NA
Ratio of Recoverable									
Reserves to Production.....	39.6	38.2	39.1	40.9	43.6	46.9	3.6	-2.4	-1.9
Number of Employees/Miners.....	896	925	928	657	640	814	-3.1	8.8	1.1
Productivity Total <sup>2</sup> .....	17.63	17.26	16.77	17.82	17.20	17.64	2.2	.6	*
Surface.....	17.63	17.26	16.77	17.82	17.20	17.64	2.2	.6	*
Producer/Distributor Stocks.....	2,710	2,561	2,364	1,965	1,574	-	5.8	14.5	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	31,148	30,938	30,557	29,172	30,025	NA	.7	.9	NA
Domestic Distribution Total.....	31,148	30,938	30,557	29,172	30,025	NA	.7	.9	NA
Within State.....	31,147	30,938	30,557	29,172	30,025	NA	.7	.9	NA
To Other States.....	1	-	-	-	-	NA	-	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	31,902	31,282	31,060	29,360	30,511	28,597	2.0	1.1	1.2
Electric Utility.....	25,048	24,538	24,278	22,754	23,640	22,174	2.1	1.4	1.4
Other Industrial.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	1,580	1,755	1,642	1,999	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$8.35	\$8.01	\$8.01	\$8.06	\$8.01	\$7.84	4.3	1.0	.7
Surface.....	\$8.35	\$8.01	\$8.01	8.06	8.01	7.84	4.3	1.0	.7
Consumer									
Electric Utility.....	\$9.45	\$9.56	\$10.01	10.21	9.72	9.37	-1.2	-.7	.1
Other Industrial.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

\* Data round to zero.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

<sup>NA</sup> Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table A10. Ohio Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	336,341	382,519	356,132	318,428	414,759	590,604	-12.1	-5.1	-6.1
Productive Capacity <sup>1</sup> .....	26,701	30,617	33,691	33,443	37,584	NA	-12.8	-8.2	NA
Production Total.....	22,269	22,480	28,048	29,154	28,572	30,569	-9	-6.0	-3.4
Underground.....	11,933	11,431	14,604	16,949	15,912	12,237	4.4	-6.9	-3
Surface.....	10,336	11,048	13,444	12,205	12,660	18,333	-6.4	-4.9	-6.2
Capacity Utilization <sup>2</sup> .....	83.25	73.10	83.13	87.07	75.88	NA	13.9	2.3	NA
Ratio of Recoverable									
Reserves to Production.....	15.1	17.0	12.7	10.9	14.5	19.3	-11.2	1.0	-2.7
Number of Employees/Miners.....	2,688	3,069	3,415	3,124	3,232	5,293	-12.4	-4.5	-7.3
Productivity Total <sup>2</sup> .....	3.55	3.19	3.50	4.02	3.95	2.67	11.3	-2.6	3.2
Underground.....	3.45	3.02	3.48	4.18	4.19	2.55	14.2	-4.7	3.4
Surface.....	3.69	3.40	3.52	3.81	3.69	2.76	8.4	*	3.3
Producer/Distributor Stocks.....	677	800	1,276	774	532	-	-15.4	6.2	-
Imports <sup>3</sup> .....	7	-	-	1	1	-	-	46.3	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	22,461	23,074	27,166	29,434	28,881	NA	-2.7	-6.1	NA
Domestic Distribution Total.....	22,350	23,068	26,503	29,024	28,609	NA	-3.1	-6.0	NA
Within State.....	19,717	20,521	23,091	24,521	24,478	NA	-3.9	-5.3	NA
To Other States.....	2,633	2,547	3,412	4,502	4,131	NA	3.4	-10.6	NA
Foreign Distribution Total.....	111	6	663	410	271	NA	NM	-20.1	NA
Steam.....	111	6	663	410	271	NA	NM	-20.1	NA
Canada Total.....	109	4	204	-	3	NA	NM	151.3	NA
Steam.....	109	4	204	-	3	NA	NM	151.3	NA
Overseas Total <sup>4</sup> .....	2	2	459	410	269	NA	10.7	-70.7	NA
Steam.....	2	2	459	410	269	NA	10.7	-70.7	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	59,348	57,500	60,356	58,821	59,835	58,578	3.2	-2	.1
Electric Utility.....	54,464	52,123	54,455	52,893	53,543	49,577	4.5	.4	1.0
Other Industrial.....	2,859	3,371	3,684	3,751	3,794	4,813	-15.2	-6.8	-5.6
Coke.....	w	w	w	1,848	1,842	3,698	w	w	w
Residential/Commercial.....	w	w	w	329	656	489	w	w	w
Consumer Stocks Total.....	w	w	6,175	6,324	5,428	10,618	w	w	w
Electric Utility.....	w	w	5,902	6,066	5,229	10,213	w	w	w
All Other.....	138	212	273	257	199	405	-34.8	-8.7	-11.3
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$38.30	\$28.18	\$27.56	\$23.66	\$24.85	\$27.75	35.9	11.4	3.6
Underground.....	50.92	31.50	28.48	25.16	25.98	31.52	61.7	18.3	5.5
Surface.....	23.17	24.52	26.61	21.57	23.43	25.22	-5.5	-3	-9
Consumer.....									
Electric Utility.....	\$34.45	\$32.47	\$32.52	31.41	32.31	35.33	6.1	1.6	-3
Other Industrial.....	36.45	34.44	33.52	34.05	35.28	34.85	5.8	.8	.5
Coke.....	w	w	w	46.89	44.98	46.15	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NM Not meaningful as value is greater than 500 percent.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A11. Pennsylvania Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	506,483	657,416	774,883	905,320	796,035	985,784	-22.9	-10.7	-7.1
Productive Capacity <sup>1</sup> .....	90,934	93,770	94,581	87,527	81,684	NA	-3.0	2.7	NA
Production Total.....	74,619	76,399	81,036	76,198	67,942	65,381	-2.3	2.4	1.5
Underground.....	57,959	59,211	59,553	54,829	47,247	40,953	-2.1	5.2	3.9
Surface.....	16,659	17,188	21,483	21,369	20,694	24,429	-3.1	-5.3	-4.2
Capacity Utilization <sup>2</sup> .....	81.69	81.06	85.28	86.46	82.53	NA	.8	-3	NA
Ratio of Recoverable Reserves to Production.....	6.8	8.6	9.6	11.9	11.7	15.1	-21.1	-12.8	-8.5
Number of Employees/Miners.....	7,905	9,318	9,915	9,575	9,021	13,506	-15.2	-3.2	-5.8
Productivity Total <sup>2</sup> .....	4.32	3.81	3.77	3.63	3.36	2.43	13.4	6.5	6.6
Underground.....	4.97	4.31	4.22	4.05	3.74	2.38	15.4	7.4	8.5
Surface.....	2.96	2.72	2.91	2.86	2.72	2.53	8.9	2.1	1.7
Producer/Distributor Stocks.....	1,527	2,134	2,682	2,507	3,113	-	-28.4	-16.3	-
Imports <sup>3</sup> .....	-	-	-	72	80	-	-	-100.0	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	74,901	75,669	80,525	73,725	69,128	NA	-1.0	2.0	NA
Domestic Distribution Total.....	67,079	68,703	72,616	65,027	59,882	NA	-2.4	2.9	NA
Within State.....	33,940	36,912	41,917	40,834	39,222	NA	-8.0	-3.5	NA
To Other States.....	33,139	31,791	30,700	24,193	20,660	NA	4.2	12.5	NA
Foreign Distribution Total.....	7,823	6,966	7,908	8,698	9,246	NA	12.3	-4.1	NA
Metallurgical.....	931	1,985	1,912	2,105	1,642	NA	-53.1	-13.2	NA
Steam.....	6,892	4,981	5,996	6,593	7,604	NA	38.3	-2.4	NA
Canada Total.....	2,874	2,552	2,286	2,612	1,050	NA	12.6	28.6	NA
Metallurgical.....	-	20	17	-	-	NA	-100.0	-	NA
Steam.....	2,874	2,533	2,269	2,612	1,050	NA	13.5	28.6	NA
Overseas Total <sup>4</sup> .....	4,949	4,414	5,623	6,087	8,196	NA	12.1	-11.8	NA
Metallurgical.....	931	1,965	1,895	2,105	1,642	NA	-52.6	-13.2	NA
Steam.....	4,018	2,449	3,728	3,981	6,554	NA	64.1	-11.5	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	25,877	45,412	54,504	58,673	57,226	54,931	-43.0	-18.0	-8.0
Electric Utility.....	14,663	34,557	42,971	42,603	41,076	40,662	-57.6	-22.7	-10.7
Other Industrial.....	3,498	3,587	3,584	4,492	4,466	4,049	-2.5	-5.9	-1.6
Coke.....	w	w	w	10,334	10,689	8,812	w	w	w
Residential/Commercial.....	w	w	w	1,244	995	1,408	w	w	w
Consumer Stocks Total.....	w	w	9,057	8,658	8,857	15,546	w	w	w
Electric Utility.....	w	w	8,441	7,790	7,878	14,412	w	w	w
All Other.....	515	637	616	868	980	1,135	-19.2	-14.9	-8.4
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$23.84	\$24.14	\$25.79	\$25.98	\$25.78	\$29.40	-1.2	-1.9	-2.3
Underground.....	22.85	23.86	25.40	26.30	25.79	31.72	-4.2	-3.0	-3.6
Surface.....	27.30	25.07	27.02	25.13	25.76	25.42	8.9	1.5	.8
Consumer.....									
Electric Utility.....	\$29.11	\$32.61	\$33.28	33.28	34.06	38.05	-10.7	-3.8	-2.9
Other Industrial.....	34.08	33.63	34.33	34.20	33.84	35.89	1.3	.2	-6
Coke.....	w	w	w	46.20	45.16	46.86	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A12. Texas Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	794,327	755,506	791,111	921,939	878,486	1,225,124	5.1	-2.5	-4.7
Productive Capacity <sup>1</sup> .....	51,779	54,705	54,475	54,614	59,604	NA	-5.3	-3.4	NA
Production Total.....	49,498	53,072	52,583	53,328	55,164	53,825	-6.7	-2.7	-9
Surface.....	49,498	53,072	52,583	53,328	55,164	53,825	-6.7	-2.7	-9
Capacity Utilization <sup>2</sup> .....	95.59	97.02	96.53	97.64	92.55	NA	-1.5	.8	NA
Ratio of Recoverable									
Reserves to Production.....	16.0	14.2	15.0	17.3	15.9	22.8	12.7	.2	-3.8
Number of Employees/Miners.....	2,435	2,464	2,523	1,363	1,550	2,149	-1.2	11.9	1.4
Productivity Total <sup>2</sup> .....	9.71	10.08	9.66	10.24	10.13	7.17	-3.6	-1.0	3.4
Surface.....	9.71	10.08	9.66	10.24	10.13	7.17	-3.6	-1.0	3.4
Producer/Distributor Stocks.....	2,132	1,187	1,319	1,506	1,254	-	79.5	14.2	-
Imports <sup>3</sup> .....	7	69	170	99	16	-	-89.4	-17.3	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	48,877	53,075	52,935	53,463	49,655	NA	-7.9	-4	NA
Domestic Distribution Total.....	48,821	52,903	52,913	53,463	49,538	NA	-7.7	-4	NA
Within State.....	48,733	52,855	52,769	53,463	49,538	NA	-7.8	-4	NA
To Other States.....	87	48	144	-	-	NA	82.9	-	NA
Foreign Distribution Total.....	56	172	22	-	117	NA	-67.3	-16.7	NA
Steam.....	56	172	22	-	117	NA	-67.3	-16.7	NA
Canada Total.....	3	72	-	-	-	NA	-95.2	-	NA
Steam.....	3	72	-	-	-	NA	-95.2	-	NA
Overseas Total <sup>4</sup> .....	53	100	22	-	117	NA	-47.2	-18.0	NA
Steam.....	53	100	22	-	117	NA	-47.2	-18.0	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	101,579	102,152	99,098	101,304	98,998	92,064	-6	.6	1.1
Electric Utility.....	97,077	97,740	94,661	96,537	94,189	87,856	-7	.8	1.1
Other Industrial.....	4,490	4,403	4,422	4,766	4,808	4,198	2.0	-1.7	.8
Residential/Commercial.....	13	8	14	*	-	w	49.9	-	w
Consumer Stocks Total.....	w	w	8,007	6,540	10,477	w	w	w	w
Electric Utility.....	w	w	7,784	6,352	10,287	10,474	w	w	w
All Other.....	173	192	223	188	190	w	-10.2	-2.4	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$13.00	\$12.46	\$12.47	\$12.15	\$12.17	\$12.21	4.3	1.7	.7
Surface.....	\$13.00	\$12.46	\$12.47	12.15	12.17	12.21	4.3	1.7	.7
Consumer									
Electric Utility.....	\$18.53	\$18.01	\$18.61	18.69	19.26	21.66	2.9	-1.0	-1.7
Other Industrial.....	20.52	21.01	21.05	20.13	18.99	18.61	-2.3	1.9	1.1

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A13. Utah Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	429,210	424,045	433,354	432,777	284,433	508,872	1.2	10.8	-1.9
Productive Capacity <sup>1</sup> .....	35,091	32,158	33,838	30,281	30,230	NA	9.1	3.8	NA
Production Total.....	26,656	26,373	26,075	26,683	27,507	21,945	1.1	-8	2.2
Underground.....	26,656	26,373	26,075	26,683	27,507	21,945	1.1	-8	2.2
Capacity Utilization <sup>2</sup> .....	75.94	81.98	77.06	88.09	90.97	NA	-7.4	-4.4	NA
Ratio of Recoverable									
Reserves to Production.....	16.1	16.1	16.6	16.2	10.3	23.2	.1	11.7	-4.0
Number of Employees/Miners.....	1,645	1,837	2,072	1,922	1,804	2,277	-10.4	-2.3	-3.5
Productivity Total <sup>2</sup> .....	7.68	6.84	6.16	6.34	7.23	4.80	12.2	1.5	5.4
Underground.....	7.68	7.15	6.22	6.34	7.24	4.80	7.3	1.5	5.4
Producer/Distributor Stocks.....	1,311	2,147	1,809	2,112	1,337	-	-38.9	-5	-
Imports <sup>3</sup> .....	199	146	-	-	-	-	36.9	-	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	27,956	25,715	26,765	26,272	23,868	NA	8.7	4.0	NA
Domestic Distribution Total.....	24,883	23,402	24,229	22,857	18,563	NA	6.3	7.6	NA
Within State.....	12,329	10,979	12,531	13,936	9,389	NA	12.3	7.0	NA
To Other States.....	12,553	12,423	11,699	8,922	9,174	NA	1.0	8.2	NA
Foreign Distribution Total.....	3,073	2,313	2,535	3,414	5,305	NA	32.9	-12.8	NA
Metallurgical.....	-	-	-	97	187	NA	-	-100.0	NA
Steam.....	3,073	2,313	2,535	3,317	5,118	NA	32.9	-12.0	NA
Overseas Total <sup>4</sup> .....	3,073	2,313	2,535	3,414	5,305	NA	32.9	-12.8	NA
Metallurgical.....	-	-	-	97	187	NA	-	-	NA
Steam.....	3,073	2,313	2,535	3,317	5,118	NA	32.9	-12.0	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	16,897	16,190	17,052	16,105	15,237	14,834	4.4	2.6	1.4
Electric Utility.....	14,688	14,590	14,664	14,252	13,584	12,829	.7	2.0	1.5
Other Industrial.....	1,166	745	1,304	709	512	508	56.5	22.9	9.7
Coke.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	2,461	2,309	1,526	4,123	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$17.56	\$17.33	\$18.47	\$17.61	\$21.63	\$22.59	1.3	-5.1	-2.8
Underground.....	\$17.56	\$17.33	\$18.47	17.61	21.63	22.59	1.3	-5.1	-2.8
Consumer.....									
Electric Utility.....	\$23.66	\$23.96	\$25.97	25.22	24.66	27.40	-1.2	-1.0	-1.6
Other Industrial.....	25.11	21.53	19.05	19.28	19.10	26.43	16.6	7.1	-6
Coke.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A14. Virginia Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	246,482	220,268	190,061	207,765	188,344	411,849	11.9	6.9	-5.5
Productive Capacity <sup>1</sup> .....	39,085	39,729	39,064	43,023	41,593	NA	-1.6	-1.5	NA
Production Total.....	32,834	32,294	33,747	35,837	35,590	41,954	1.7	-2.0	-2.7
Underground.....	23,181	22,562	25,212	26,929	25,568	34,138	2.7	-2.4	-4.2
Surface.....	9,654	9,732	8,535	8,907	10,022	7,816	-8	-9	2.4
Capacity Utilization <sup>2</sup> .....	83.86	81.09	86.13	83.09	85.34	NA	3.4	-4	NA
Ratio of Recoverable Reserves to Production.....	7.5	6.8	5.6	5.8	5.3	9.8	10.0	9.1	-2.9
Number of Employees/Miners.....	5,203	5,450	5,887	6,235	6,241	10,055	-4.5	-4.4	-7.0
Productivity Total <sup>2</sup> .....	3.14	3.09	2.82	2.77	2.72	2.23	1.7	3.7	3.9
Underground.....	3.12	2.87	2.64	2.56	2.44	2.12	8.4	6.3	4.4
Surface.....	3.20	3.73	3.51	3.69	3.79	2.95	-14.3	-4.2	.9
Producer/Distributor Stocks.....	818	2,240	2,565	2,328	1,644	-	-63.5	-16.0	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	34,190	31,634	33,539	35,577	36,208	NA	8.1	-1.4	NA
Domestic Distribution Total.....	24,785	22,865	20,728	22,736	22,776	NA	8.4	2.1	NA
Within State.....	8,739	8,355	7,602	6,854	7,231	NA	4.6	4.8	NA
To Other States.....	16,045	14,510	13,126	15,882	15,545	NA	10.6	.8	NA
Foreign Distribution Total.....	9,406	8,770	12,810	12,841	13,432	NA	7.3	-8.5	NA
Metallurgical.....	9,406	8,036	12,649	12,288	12,760	NA	17.0	-7.3	NA
Steam.....	-	734	162	553	671	NA	-100.0	-100.0	NA
Canada Total.....	280	734	719	508	387	NA	-61.9	-7.8	NA
Metallurgical.....	280	-	719	508	387	NA	-	-7.8	NA
Steam.....	-	734	-	-	-	NA	-100.0	-	NA
Overseas Total <sup>3</sup> .....	9,126	8,036	12,091	12,333	13,044	NA	13.6	-8.5	NA
Metallurgical.....	9,126	8,036	11,929	11,780	12,373	NA	13.6	-7.3	NA
Steam.....	-	-	162	553	671	NA	-	-	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	16,951	15,803	15,857	15,273	14,983	13,980	7.3	3.1	2.2
Electric Utility.....	13,524	12,427	12,300	11,605	10,994	8,568	8.8	5.3	5.2
Other Industrial.....	2,348	2,230	2,368	2,500	2,613	4,301	5.3	-2.6	-6.5
Coke.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	1,370	1,152	1,010	1,685	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$25.95	\$26.30	\$28.69	\$28.24	\$28.45	\$27.45	-1.3	-2.3	-6
Underground.....	26.10	26.73	29.55	29.07	29.46	27.76	-2.4	-3.0	-7
Surface.....	25.61	24.21	26.21	25.74	25.88	26.12	5.8	-3	-2
Consumer									
Electric Utility.....	\$34.09	\$34.11	\$34.73	34.98	35.73	38.87	*	-1.2	-1.4
Other Industrial.....	41.91	42.93	43.60	43.85	43.51	40.53	-2.4	-9	.4
Coke.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

R Revised Data.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A15. West Virginia Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	1,562,437	1,464,660	1,911,052	1,736,836	1,731,154	2,122,087	6.7	-2.5	-3.3
Productive Capacity <sup>1</sup> .....	205,618	195,128	203,816	203,006	217,409	NA	5.4	-1.4	NA
Production Total.....	158,257	157,978	171,145	173,743	170,433	167,352	.2	-1.8	-6
Underground.....	98,439	103,727	117,191	116,523	115,585	119,821	-5.1	-3.9	-2.2
Surface.....	59,818	54,251	53,955	57,220	54,848	47,530	10.3	2.2	2.6
Capacity Utilization <sup>2</sup> .....	76.90	80.89	83.91	85.50	78.32	NA	-4.9	-4	NA
Ratio of Recoverable Reserves to Production.....	9.9	9.3	11.2	10.0	10.2	12.7	6.5	-7	-2.7
Number of Employees/Miners.....	15,012	15,536	17,822	18,245	20,121	28,310	-3.4	-7.1	-6.8
Productivity Total <sup>2</sup> .....	4.92	4.77	4.62	4.46	3.91	3.11	3.2	5.9	5.2
Underground.....	4.30	4.31	4.29	4.03	3.50	2.83	-2	5.3	4.8
Surface.....	6.43	5.97	5.56	5.71	5.18	4.18	7.8	5.5	4.9
Producer/Distributor Stocks.....	4,684	6,697	6,008	5,504	4,947	-	-30.0	-1.3	-
Imports <sup>3</sup> .....	-	5	-	-	-	-	-100.0	-	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	161,452	157,730	172,612	172,236	169,200	NA	2.4	-1.2	NA
Domestic Distribution Total.....	138,240	134,882	135,082	133,777	127,156	NA	2.5	2.1	NA
Within State.....	22,664	23,813	28,451	29,141	29,220	NA	-4.8	-6.1	NA
To Other States.....	115,577	111,069	106,631	104,636	97,936	NA	4.1	4.2	NA
Foreign Distribution Total.....	23,212	22,848	37,531	38,459	42,044	NA	1.6	-13.8	NA
Metallurgical.....	18,565	20,120	32,224	30,327	31,717	NA	-7.7	-12.5	NA
Steam.....	4,647	2,728	5,307	8,132	10,327	NA	70.3	-18.1	NA
Canada Total.....	9,145	9,474	10,500	8,291	7,222	NA	-3.5	6.1	NA
Metallurgical.....	5,974	7,547	8,945	6,956	6,907	NA	-20.8	-3.6	NA
Steam.....	3,172	1,927	1,555	1,335	315	NA	64.6	78.1	NA
Overseas Total <sup>4</sup> .....	14,066	13,374	27,031	30,168	34,822	NA	5.2	-20.3	NA
Metallurgical.....	12,592	12,574	23,279	23,370	24,810	NA	.1	-15.6	NA
Steam.....	1,475	800	3,752	6,798	10,012	NA	84.3	-38.0	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	39,000	39,418	38,949	37,160	36,140	31,843	-1.0	1.9	2.3
Electric Utility.....	35,651	36,092	35,132	34,487	32,775	27,557	-1.2	2.1	2.9
Other Industrial.....	1,564	1,600	1,913	1,690	1,630	2,310	-2.3	-1.0	-4.2
Coke.....	w	w	w	w	w	w	w	w	w
Residential/Commercial.....	w	w	w	w	w	w	w	w	w
Consumer Stocks Total.....	w	w	w	w	w	w	w	w	w
Electric Utility.....	w	w	3,791	4,042	4,370	7,707	w	w	w
All Other.....	w	w	w	w	w	w	w	w	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$25.37	\$25.57	\$27.07	\$26.64	\$26.58	\$28.62	-8	-1.2	-1.3
Underground.....	25.79	26.21	28.25	27.64	27.31	29.63	-1.6	-1.4	-1.5
Surface.....	24.67	22.39	24.50	24.60	25.04	26.08	10.2	-4	-6
Consumer.....									
Electric Utility.....	\$29.57	\$29.22	\$30.06	30.68	30.93	37.93	1.2	-1.1	-2.7
Other Industrial.....	33.42	37.86	48.24	35.31	33.37	32.08	-11.7	*	.4
Coke.....	w	w	w	w	w	w	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A16. Wyoming Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	6,864,050	7,093,750	7,220,356	6,464,670	6,591,293	6,336,075	-3.2	1.0	0.9
Productive Capacity <sup>1</sup> .....	396,172	407,977	379,380	366,680	350,908	NA	-2.9	3.1	NA
Production Total.....	338,900	337,119	314,409	281,881	278,440	193,854	.5	5.0	6.4
Underground.....	1,210	1,673	1,723	2,846	2,641	2,418	-27.7	-17.7	-7.4
Surface.....	337,691	335,446	312,686	279,035	275,799	191,437	.7	5.2	6.5
Capacity Utilization <sup>2</sup> .....	85.54	82.63	82.87	76.87	79.35	NA	3.5	1.9	NA
Ratio of Recoverable									
Reserves to Production.....	20.3	21.0	23.0	22.9	23.7	32.7	-3.7	-3.8	-5.2
Number of Employees/Miners.....	4,369	4,412	4,447	2,777	2,814	3,301	-1.0	11.6	3.2
Productivity Total <sup>2</sup> .....	38.29	37.29	35.98	34.55	32.06	21.87	2.7	4.5	6.4
Underground.....	11.61	10.29	9.14	10.13	9.18	4.17	12.8	6.0	12.1
Surface.....	38.60	37.78	36.57	35.42	32.84	23.11	2.2	4.1	5.9
Producer/Distributor Stocks.....	5,767	5,917	3,873	2,036	1,504	-	-2.5	39.9	-
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	339,129	337,027	314,891	280,795	279,117	NA	.6	5.0	NA
Domestic Distribution Total.....									
Within State.....	334,349	333,253	311,162	278,255	276,723	NA	.3	4.8	NA
To Other States.....	21,931	28,519	27,719	26,756	26,253	NA	-23.1	-4.4	NA
Foreign Distribution Total.....									
Steam.....	312,418	304,734	283,443	251,499	250,470	NA	2.5	5.7	NA
Canada Total.....	4,780	3,774	3,729	2,541	2,395	NA	26.6	18.9	NA
Steam.....	4,780	3,774	3,729	2,541	2,395	NA	26.6	18.9	NA
Overseas Total <sup>3</sup> .....	2,852	2,951	1,931	818	443	NA	-3.4	59.3	NA
Steam.....	2,852	2,951	1,931	818	443	NA	-3.4	59.3	NA
All Other.....	1,929	823	1,798	1,723	1,952	NA	134.4	-3	NA
Steam.....	1,929	823	1,798	1,723	1,952	NA	134.4	-3	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	28,416	27,678	28,772	26,096	26,647	25,150	2.7	1.6	1.4
Electric Utility.....	26,366	25,638	26,674	23,997	24,430	23,115	2.8	1.9	1.5
Other Industrial.....	1,913	1,936	1,939	1,959	w	w	-1.2	w	w
Residential/Commercial.....	138	104	159	140	382	w	32.2	-22.5	w
Consumer Stocks Total.....									
Electric Utility.....	w	w	1,320	1,555	2,267	w	w	w	w
All Other.....	w	w	1,243	1,498	2,197	2,767	w	w	w
All Other.....	52	69	77	57	71	w	-25.4	-7.6	w
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$5.50	\$5.38	\$5.41	\$6.00	\$6.41	\$8.09	2.4	-3.7	-4.2
Underground.....	w	w	w	w	w	w	w	w	w
Surface.....	w	w	w	w	w	w	w	w	w
Consumer									
Electric Utility.....	\$13.72	\$13.39	\$13.83	\$14.16	\$14.30	\$14.55	2.5	-1.0	-6
Other Industrial.....	24.87	24.26	24.10	23.68	22.32	25.19	2.5	2.7	-1

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Includes Mexico.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table A17. All Other States Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	639,016	583,316	361,383	416,535	427,163	577,615	9.5	10.6	1.1
Productive Capacity <sup>1</sup> .....	26,537	22,500	23,132	24,996	23,441	NA	17.9	3.1	NA
Production Total.....	19,963	17,996	18,353	19,349	19,674	22,807	10.9	.4	-1.5
Underground.....	4,893	4,968	4,618	4,909	5,227	5,717	-1.5	-1.6	-1.7
Surface.....	15,070	13,027	13,734	14,440	14,447	17,089	15.7	1.1	-1.4
Capacity Utilization <sup>2</sup> .....	75.00	79.65	79.06	77.22	83.55	NA	-5.8	-2.7	NA
Ratio of Recoverable Reserves to Production.....	32.0	32.4	19.7	21.5	21.7	25.3	-1.2	10.2	2.6
Number of Employees/Miners.....	2,061	2,153	2,129	2,344	2,394	3,539	-4.3	-3.7	-5.8
Productivity Total <sup>2</sup> .....	4.42	4.00	4.15	3.78	3.73	3.09	10.4	4.3	4.0
Underground.....	3.80	3.66	3.87	3.29	2.94	2.27	3.8	6.7	5.9
Surface.....	4.66	4.15	4.25	3.98	4.13	3.52	12.5	3.1	3.2
Producer/Distributor Stocks.....	467	518	389	539	292	-	-9.7	12.5	-
Imports <sup>3</sup> .....	4,763	4,944	6,167	5,192	5,267	1,967	-3.7	-2.5	10.3
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	19,193	18,108	18,592	19,191	19,828	NA	6.0	-8	NA
Domestic Distribution Total.....	18,218	17,585	18,212	18,261	18,285	NA	3.6	-1	NA
Within State.....	32	10	29	24	28	NA	234.7	3.4	NA
To Other States.....	18,186	17,576	18,184	18,236	18,257	NA	3.5	-1	NA
Foreign Distribution Total.....	986	541	380	931	1,544	NA	82.3	-10.6	NA
Metallurgical.....	-	-	-	48	-	NA	-	-	NA
Steam.....	986	541	380	882	1,544	NA	82.3	-10.6	NA
Canada Total.....	22	4	-	*	*	NA	454.4	271.8	NA
Steam.....	22	4	-	*	*	NA	454.4	271.8	NA
Overseas Total <sup>4</sup> .....	964	537	380	931	1,544	NA	79.5	-11.1	NA
Metallurgical.....	-	-	-	48	-	NA	-	-	NA
Steam.....	964	537	380	882	1,544	NA	79.5	-11.1	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	409,126	407,870	415,791	412,092	400,796	351,883	.3	.5	1.7
Electric Utility.....	376,758	374,024	382,587	376,543	365,146	314,762	.7	.8	2.0
Other Industrial.....	28,136	27,666	28,177	29,946	w	w	1.7	w	w
Coke.....	w	w	w	2,677	2,686	2,806	w	w	w
Residential/Commercial.....	w	w	w	2,925	2,497	2,360	w	w	w
Consumer Stocks Total.....	w	w	63,195	48,790	60,121	71,836	w	w	w
Electric Utility.....	w	w	59,476	45,078	55,817	67,654	w	w	w
All Other.....	3,163	3,786	3,719	3,712	4,304	4,182	-16.4	-7.4	-3.0
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$5.50	\$24.51	\$24.09	\$23.50	\$24.06	\$25.57	-.7	-4.9	-4.9
Underground.....	\$5.50	\$24.30	\$25.19	24.26	25.78	26.50	.2	-1.5	-1.0
Surface.....	\$5.50	\$24.59	\$23.70	23.24	23.44	25.26	-11.0	-1.4	-1.4
Consumer.....									
Electric Utility.....	\$25.31	\$25.58	\$26.38	27.39	27.46	32.31	-1.0	-2.0	-2.7
Other Industrial.....	36.93	37.11	37.96	38.47	38.22	39.70	-.5	-.8	-.8
Coke.....	w	w	w	49.16	51.21	56.62	w	w	w

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1996 through 2000 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1991 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NA Not available.

Notes: Other States include Alaska, Arkansas, California, Iowa, Kansas, Louisiana, Maryland, Missouri, Oklahoma, Tennessee, and Washington. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."



**Table A18. Total U.S. Coal Statistics, 1991, 1996-2000**

Category	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Supply (thousand short tons)</b>									
Recoverable Reserves.....	18,339,009	18,919,666	19,322,240	19,164,398	19,427,980	21,998,540	-3.1	-1.4	-2.0
Productive Capacity <sup>1</sup> .....	1,307,460	1,345,632	1,337,679	1,325,604	1,324,712	NA	-2.8	-3	NA
Production Total.....	1,073,612	1,100,431	1,117,535	1,089,932	1,063,856	995,984	-2.4	.2	.8
Underground.....	373,659	391,790	417,728	420,657	409,849	407,225	-4.6	-2.3	-9
Surface.....	699,953	708,642	699,807	669,274	654,007	588,759	-1.2	1.7	1.9
Capacity Utilization <sup>2</sup> .....	82.04	81.70	83.47	82.13	80.21	NA	.4	.6	NA
Ratio of Recoverable Reserves to Production.....	17.1	17.2	17.3	17.6	18.3	22.1	-6	-1.6	-2.8
Number of Employees/Miners.....	71,522	78,723	85,418	81,516	83,462	120,602	-9.1	-3.8	-5.6
Productivity Total <sup>2</sup> .....	7.02	6.61	6.20	6.04	5.69	4.09	6.1	5.4	6.2
Underground.....	4.17	3.99	3.90	3.83	3.57	2.69	4.4	3.9	5.0
Surface.....	11.05	10.39	9.58	9.46	9.05	6.38	6.4	5.1	6.3
Imports <sup>3</sup> .....	9,451	6,079	7,543	6,200	6,476	1,967	55.5	9.9	19.0
<b>Distribution (thousand short tons)</b>									
Distribution Total.....	1,081,954	1,097,721	1,122,421	1,078,896	1,059,892	NA	-1.4	.5	NA
Domestic Distribution Total.....	1,021,612	1,041,823	1,042,236	995,664	967,693	NA	-1.9	1.4	NA
Within State.....	324,995	348,389	367,564	356,763	340,005	NA	-6.7	-1.1	NA
To Other States.....	696,617	693,434	674,672	638,901	627,688	NA	.5	2.6	NA
Foreign Distribution Total.....	60,342	55,898	80,185	83,232	92,199	NA	7.9	-10.1	NA
Metallurgical.....	38,005	37,355	56,569	55,326	56,162	NA	1.7	-9.3	NA
Steam.....	22,337	18,543	23,616	27,906	36,037	NA	20.5	-11.3	NA
Canada Total.....	17,523	17,971	17,913	13,405	10,599	NA	-2.5	13.4	NA
Metallurgical.....	7,884	9,026	11,140	8,203	8,472	NA	-12.6	-1.8	NA
Steam.....	9,639	8,945	6,772	5,202	2,127	NA	7.8	45.9	NA
Overseas Total <sup>4</sup> .....	42,819	37,928	62,273	69,827	81,600	NA	12.9	-14.9	NA
Metallurgical.....	30,121	28,329	45,429	47,124	47,690	NA	6.3	-10.8	NA
Steam.....	12,698	9,598	16,844	22,704	33,910	NA	32.3	-21.8	NA
<b>Demand (thousand short tons)</b>									
Consumption Total.....	1,080,880	1,044,538	1,038,292	1,030,145	1,006,306	899,067	130.5	52.8	31.1
Electric Utility.....	859,335	894,120	910,867	900,361	874,681	772,268	-3.9	-4	1.2
Other Industrial.....	65,208	64,738	67,439	71,515	71,689	75,405	.7	-2.3	-1.6
Coke.....	28,939	28,108	28,189	30,203	31,706	33,854	2.9	-2.3	-1.7
Residential/Commercial.....	4,112	4,879	4,856	6,463	6,006	6,094	-15.7	-9.0	-4.3
Other Power Producers.....	123,285	52,693	26,941	21,603	22,224	11,446	133.9	53.5	30.2
Consumer Stocks Total.....	96,196	136,553	128,072	106,401	122,979	167,711	-29.5	-5.9	-6.0
Electric Utility.....	90,115	129,042	120,501	98,826	114,623	157,876	-30.2	-5.8	-6.0
All Other.....	6,081	7,511	7,571	7,576	8,355	9,835	-19.0	-7.6	-5.2
<b>Coal Prices (nominal dollars per short ton)</b>									
Mine Total.....	\$16.78	\$16.63	\$17.67	\$18.14	\$18.50	\$21.49	.9	-2.4	-2.7
Underground.....	24.73	24.33	25.64	25.68	25.96	28.56	1.6	-1.2	-1.6
Surface.....	12.46	12.37	12.92	13.39	13.82	16.60	.7	-2.6	-3.1
Consumer.....									
Electric Utility.....	\$24.28	\$24.72	\$25.64	26.16	26.45	30.02	-1.8	-2.1	-2.3
Other Industrial.....	31.44	31.59	32.30	32.41	32.32	33.54	-.5	-.7	-.7
Coke.....	44.37	45.85	46.06	47.61	47.33	48.88	-3.2	-1.6	-1.1

<sup>1</sup> For 1990, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> Capacity utilization (percent) is the ratio of total production to annual productive capacity as reported by mining companies on Form EIA-7A. Productivity (short tons per miner per hour) is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, and shop or yard work at mining operations.

<sup>3</sup> Imports for 1995 through 1999 include imports to electric utilities, manufacturing plants and coke plants. Imports for 1990 include only imports to electric utilities.

<sup>4</sup> Includes Mexico.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

<sup>NA</sup> Not available.

<sup>R</sup> Revised Data.

Notes: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; Form EIA-759, "Monthly Power Plant Report"; and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

## Appendix B

### Metric Tables

In response to requests from international users of U.S. coal statistics, certain summary data have been converted from the customary short tons to metric. This enables U.S. statistics to be compared with data published by countries using the metric system. The

conversion to metric tons is made by multiplying short tons by 0.907185.

The data converted to metric tons are from Tables ES3, 1, 16, 25, 35, 48, 67, 68, 76, 80, 92, 94, 96, 98, and 99.

**Table B1. Trends in U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1991, 1996-2000**  
(Million Metric Tons)

Activity	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Production .....	974	998	1,014	989	965	904	-2.4	0.2	0.8
Imports.....	11	8	8	7	7	3	37.7	11.4	15.6
Producer and Distributor Stocks <sup>1</sup> .....	29	36	33	31	26	-	-19.2	2.7	-
Consumption .....	869	900	917	915	893	805	-3.4	-7	.8
Exports.....	53	53	71	76	82	99	*	-10.3	-6.7
Consumer Stocks <sup>1</sup> .....	87	124	116	97	112	152	-29.5	-5.9	-6.0

<sup>1</sup> Reported as of the last day of the quarter.

\* Data round to zero.

Note: Consumption does not include coal consumed by other power producers.

Sources: • Production: Energy Information Administration (EIA), Form EIA-7A, "Coal Production Report"; U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report"; and State Mining Agency Coal Production Reports. • Imports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145." • Producer and Distributor Stocks: EIA, Form EIA-6A, "Coal Distribution Report." • Exports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545." • Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6A, "Coal Distribution Report."

**Table B2. Coal Production by State, 1991, 1996-2000**  
(Thousand Metric Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	17,531	17,694	20,877	22,197	22,351	24,738	-0.9	-5.9	-3.8
Alaska.....	1,489	1,420	1,220	1,315	1,343	1,303	4.8	2.6	1.5
Arizona.....	11,894	10,693	10,265	10,635	9,473	11,977	11.2	5.8	-1
Arkansas.....	11	20	22	17	19	47	-47.3	-13.7	-15.3
California.....	-	-	-	-	-	51	-	-	-
Colorado.....	26,433	27,206	26,881	24,901	22,576	16,179	-2.8	4.0	5.6
Illinois.....	30,340	36,666	36,045	37,338	42,325	54,665	-17.3	-8.0	-6.3
Indiana.....	25,370	30,848	33,387	32,203	26,916	28,547	-17.8	-1.5	-1.3
Iowa.....	-	-	-	-	-	312	-	-	-
Kansas.....	182	371	309	326	211	377	-50.8	-3.5	-7.8
Kentucky Total.....	118,558	126,667	136,345	141,388	138,278	144,224	-6.4	-3.8	-2.1
Eastern.....	95,165	99,830	105,827	109,695	106,096	106,340	-4.7	-2.7	-1.2
Western.....	23,393	26,837	30,518	31,693	32,182	37,884	-12.8	-7.7	-5.2
Louisiana.....	3,355	2,679	2,918	3,216	2,922	2,858	25.3	3.5	1.8
Maryland.....	4,124	3,481	3,683	3,774	3,713	3,423	18.5	2.7	2.1
Mississippi.....	818	17	-	-	-	-	NM	-	-
Missouri.....	396	356	337	364	644	2,090	11.3	-11.4	-16.9
Montana.....	34,792	37,287	38,864	37,199	34,374	34,688	-6.7	.3	*
New Mexico.....	24,787	26,450	25,943	24,517	21,834	19,520	-6.3	3.2	2.7
North Dakota.....	28,367	28,245	27,136	26,834	27,089	26,790	.4	1.1	.6
Ohio.....	20,202	20,393	25,445	26,449	25,920	27,732	-9	-6.0	-3.4
Oklahoma.....	1,440	1,507	1,507	1,470	1,543	1,670	-4.4	-1.7	-1.6
Pennsylvania Total.....	67,693	69,308	73,515	69,126	61,636	59,313	-2.3	2.4	1.5
Anthracite.....	4,148	4,312	4,746	4,244	4,310	3,125	-3.8	-9	3.2
Bituminous.....	63,545	64,996	68,769	64,882	57,325	56,188	-2.2	2.6	1.4
Tennessee.....	2,421	2,755	2,446	2,994	3,312	3,892	-12.1	-7.5	-5.1
Texas.....	44,904	48,146	47,703	48,378	50,044	48,829	-6.7	-2.7	-9
Utah.....	24,182	23,925	23,655	24,206	24,954	19,908	1.1	-8	2.2
Virginia.....	29,787	29,297	30,615	32,511	32,286	38,060	1.7	-2.0	-2.7
Washington.....	3,874	3,721	4,208	4,078	4,142	4,666	4.1	-1.6	-2.0
West Virginia Total.....	143,568	143,316	155,260	157,617	154,614	151,819	.2	-1.8	-6
Northern.....	34,111	35,188	40,477	38,829	41,649	47,314	-3.1	-4.9	-3.6
Southern.....	109,458	108,128	114,783	118,788	112,965	104,504	1.2	-8	.5
Wyoming.....	307,445	305,830	285,227	255,718	252,597	175,862	.5	5.0	6.4
<b>Appalachian Total<sup>1</sup>.....</b>	<b>380,491</b>	<b>386,073</b>	<b>417,668</b>	<b>424,361</b>	<b>409,928</b>	<b>415,317</b>	<b>-1.4</b>	<b>-1.8</b>	<b>-1.0</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>130,209</b>	<b>147,445</b>	<b>152,746</b>	<b>155,005</b>	<b>156,805</b>	<b>177,280</b>	<b>-11.7</b>	<b>-4.5</b>	<b>-3.4</b>
<b>Western Total<sup>1</sup>.....</b>	<b>463,264</b>	<b>464,777</b>	<b>443,398</b>	<b>409,404</b>	<b>398,381</b>	<b>310,945</b>	<b>-3</b>	<b>3.8</b>	<b>4.5</b>
<b>East of Miss. River.....</b>	<b>460,412</b>	<b>480,440</b>	<b>517,618</b>	<b>525,595</b>	<b>511,351</b>	<b>536,413</b>	<b>-4.2</b>	<b>-2.6</b>	<b>-1.7</b>
<b>West of Miss. River.....</b>	<b>513,552</b>	<b>517,855</b>	<b>496,194</b>	<b>463,175</b>	<b>453,763</b>	<b>367,129</b>	<b>-8</b>	<b>3.1</b>	<b>3.8</b>
<b>U.S. Total.....</b>	<b>973,964</b>	<b>998,295</b>	<b>1,013,811</b>	<b>988,770</b>	<b>965,114</b>	<b>903,542</b>	<b>-2.4</b>	<b>.2</b>	<b>.8</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Notes: Coal production excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table B3. Productive Capacity of Coal Mines by State, 1991, 1996-2000**  
(Thousand Metric Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991 <sup>1</sup>	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	20,215	20,221	25,302	26,382	29,174	NA	*	-8.8	NA
Alaska.....	w	w	w	w	w	NA	w	w	NA
Arizona.....	w	w	w	w	w	NA	w	w	NA
Arkansas.....	w	w	w	9	w	NA	w	w	NA
California.....	-	-	-	-	-	NA	-	-	NA
Colorado.....	37,690	37,284	33,256	32,174	26,608	NA	1.1	9.1	NA
Illinois.....	35,404	44,255	43,205	46,741	55,998	NA	-20.0	-10.8	NA
Indiana.....	31,094	37,517	38,274	33,565	32,263	NA	-17.1	-9	NA
Iowa.....	-	-	-	-	-	NA	-	-	NA
Kansas.....	w	w	w	w	w	NA	w	w	NA
Kentucky Total.....	149,142	165,682	170,172	177,312	171,662	NA	-10.0	-3.4	NA
Eastern.....	121,157	129,149	132,585	138,510	132,169	NA	-6.2	-2.1	NA
Western.....	27,985	36,533	37,587	38,802	39,493	NA	-23.4	-8.3	NA
Louisiana.....	w	w	w	w	w	NA	w	w	NA
Maryland.....	4,207	3,832	3,856	4,430	4,477	NA	9.8	-1.5	NA
Mississippi.....	w	18	-	-	-	NA	NM	-	NA
Missouri.....	w	520	807	626	949	NA	w	w	NA
Montana.....	49,607	49,788	50,695	50,930	50,961	NA	-4	-7	NA
New Mexico.....	30,044	29,753	29,747	28,670	29,660	NA	1.0	.3	NA
North Dakota.....	29,902	29,583	29,469	29,545	29,197	NA	1.1	.6	NA
Ohio.....	24,223	27,775	30,564	30,339	34,096	NA	-12.8	-8.2	NA
Oklahoma.....	2,219	2,341	1,797	2,223	1,797	NA	-5.2	5.4	NA
Pennsylvania Total.....	82,494	85,067	85,803	79,404	74,102	NA	-3.0	2.7	NA
Anthracite.....	5,870	6,008	6,194	4,993	4,993	NA	-2.3	4.1	NA
Bituminous.....	76,624	79,060	79,609	74,411	69,109	NA	-3.1	2.6	NA
Tennessee.....	3,870	3,381	3,759	3,719	3,637	NA	14.4	1.6	NA
Texas.....	46,973	49,627	49,419	49,545	54,072	NA	-5.3	-3.4	NA
Utah.....	31,834	29,174	30,697	27,470	27,424	NA	9.1	3.8	NA
Virginia.....	35,457	36,041	35,438	39,029	37,733	NA	-1.6	-1.5	NA
Washington.....	w	w	w	w	w	NA	w	w	NA
West Virginia Total.....	186,533	177,017	184,899	184,164	197,230	NA	5.4	-1.4	NA
Northern.....	40,467	43,058	44,231	46,034	49,534	NA	-6.0	-4.9	NA
Southern.....	146,067	133,959	140,668	138,130	147,696	NA	9.0	-3	NA
Wyoming.....	359,401	370,110	344,168	332,647	318,338	NA	-2.9	3.1	NA
<b>Appalachian Total<sup>2</sup>.....</b>	<b>478,156</b>	<b>482,482</b>	<b>502,204</b>	<b>505,978</b>	<b>512,618</b>	<b>NA</b>	<b>-9</b>	<b>-1.7</b>	<b>NA</b>
<b>Interior Total<sup>2</sup>.....</b>	<b>150,859</b>	<b>174,693</b>	<b>174,926</b>	<b>175,740</b>	<b>188,385</b>	<b>NA</b>	<b>-13.6</b>	<b>-5.4</b>	<b>NA</b>
<b>Western Total<sup>2</sup>.....</b>	<b>557,093</b>	<b>563,561</b>	<b>536,392</b>	<b>520,850</b>	<b>500,757</b>	<b>NA</b>	<b>-1.1</b>	<b>2.7</b>	<b>NA</b>
<b>East of Miss. River.....</b>	<b>575,361</b>	<b>600,806</b>	<b>621,271</b>	<b>625,085</b>	<b>640,372</b>	<b>NA</b>	<b>-4.2</b>	<b>-2.6</b>	<b>NA</b>
<b>West of Miss. River.....</b>	<b>610,748</b>	<b>619,931</b>	<b>592,251</b>	<b>577,483</b>	<b>561,387</b>	<b>NA</b>	<b>-1.5</b>	<b>2.1</b>	<b>NA</b>
<b>U.S. Total.....</b>	<b>1,186,108</b>	<b>1,220,737</b>	<b>1,213,522</b>	<b>1,202,568</b>	<b>1,201,759</b>	<b>NA</b>	<b>-2.8</b>	<b>-3</b>	<b>NA</b>

<sup>1</sup> For 1991, the Form EIA-7A solicited data on "Annual Productive Capacity." However, that data was not verified with the respondents and as a result it is not releasable.

<sup>2</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

NM Not meaningful as value is greater than 500 percent.

NA Not available.

Notes: Productive capacity is the maximum amount of coal that can be produced as reported by mining companies on Form EIA-7A. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Source: Energy Information Administration, Form EIA-7A, "Coal Production Report."

**Table B4. Recoverable Coal Reserves at Producing Mines by State, 1991, 1996-2000**

(Million Metric Tons)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	334	396	339	340	410	427	-15.6	-5.0	-2.7
Alaska.....	w	w	w	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w	w	w	w
Arkansas.....	-	-	-	-	-	w	-	-	-
California.....	-	-	-	-	-	w	-	-	-
Colorado.....	530	559	490	515	582	560	-5.2	-2.3	-6
Illinois.....	650	708	675	675	808	1,140	-8.2	-5.3	-6.0
Indiana.....	288	264	284	357	350	381	9.2	-4.8	-3.0
Iowa.....	-	-	-	-	-	w	-	-	-
Kansas.....	w	w	w	w	w	w	w	w	w
Kentucky Total.....	860	1,015	1,070	1,207	1,139	1,481	-15.3	-6.8	-5.8
Eastern.....	607	648	689	875	742	983	-6.3	-4.9	-5.2
Western.....	253	368	381	332	396	497	-31.2	-10.6	-7.2
Louisiana.....	w	w	w	w	w	w	w	w	w
Maryland.....	68	72	58	61	64	78	-5.6	1.4	-1.5
Mississippi.....	w	196	-	-	-	-	-4	-	-
Missouri.....	w	2	3	1	2	w	w	w	w
Montana.....	1,001	1,040	1,081	1,059	1,187	1,264	-3.7	-4.2	-2.5
New Mexico.....	1,201	1,256	1,256	1,284	1,303	1,459	-4.4	-2.0	-2.1
North Dakota.....	1,122	1,078	1,061	1,098	1,181	1,257	4.1	-1.3	-1.3
Ohio.....	305	347	323	289	376	536	-12.1	-5.1	-6.1
Oklahoma.....	31	32	17	21	17	36	-2.3	16.1	-1.8
Pennsylvania Total.....	459	596	703	821	722	894	-22.9	-10.7	-7.1
Anthracite.....	29	69	80	109	81	69	-57.1	-22.4	-9.0
Bituminous.....	430	528	623	712	641	825	-18.5	-9.5	-7.0
Tennessee.....	34	13	24	51	54	51	167.7	-10.9	-4.4
Texas.....	721	685	718	836	797	1,111	5.1	-2.5	-4.7
Utah.....	389	385	393	393	258	462	1.2	10.8	-1.9
Virginia.....	224	200	172	188	171	374	11.9	6.9	-5.5
Washington.....	w	w	w	w	w	w	w	w	w
West Virginia Total.....	1,417	1,329	1,734	1,576	1,570	1,925	6.7	-2.5	-3.3
Northern.....	524	501	777	648	673	939	4.5	-6.1	-6.3
Southern.....	894	828	957	928	898	986	8.0	-1	-1.1
Wyoming.....	6,227	6,435	6,550	5,865	5,980	5,748	-3.2	1.0	.9
<b>Appalachian Total<sup>1</sup>.....</b>	<b>3,448</b>	<b>3,600</b>	<b>4,042</b>	<b>4,202</b>	<b>4,110</b>	<b>5,268</b>	<b>-4.2</b>	<b>-4.3</b>	<b>-4.6</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>2,259</b>	<b>2,377</b>	<b>2,203</b>	<b>2,351</b>	<b>2,501</b>	<b>3,370</b>	<b>-5.0</b>	<b>-2.5</b>	<b>-4.3</b>
<b>Western Total<sup>1</sup>.....</b>	<b>10,929</b>	<b>11,187</b>	<b>11,284</b>	<b>10,833</b>	<b>11,014</b>	<b>11,319</b>	<b>-2.3</b>	<b>-2</b>	<b>-4</b>
<b>East of Miss. River.....</b>	<b>4,835</b>	<b>5,136</b>	<b>5,383</b>	<b>5,566</b>	<b>5,665</b>	<b>7,286</b>	<b>-5.9</b>	<b>-3.9</b>	<b>-4.4</b>
<b>West of Miss. River.....</b>	<b>11,802</b>	<b>12,028</b>	<b>12,146</b>	<b>11,820</b>	<b>11,960</b>	<b>12,671</b>	<b>-1.9</b>	<b>-3</b>	<b>-8</b>
<b>U.S. Total.....</b>	<b>16,637</b>	<b>17,164</b>	<b>17,529</b>	<b>17,386</b>	<b>17,625</b>	<b>19,957</b>	<b>-3.1</b>	<b>-1.4</b>	<b>-2.0</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Notes: Recoverable reserves represent the quantity of coal that can be recovered (i.e., mined) from existing coal reserves at reporting mines. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table B5. U.S. Coal Imports by Continent and Country of Origin, 1991, 1996-2000**  
(Metric Tons)

Continent and Country of Origin	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>1,750,962</b>	<b>954,639</b>	<b>1,059,919</b>	<b>1,099,428</b>	<b>1,583,086</b>	<b>848,646</b>	<b>83.4</b>	<b>2.5</b>	<b>8.4</b>
Canada .....	1,744,910	887,977	1,058,137	1,099,108	1,576,456	848,646	96.5	2.6	8.3
Mexico .....	6,052	66,662	1,782	320	6,630	-	-90.9	-2.3	-
<b>South America Total</b> .....	<b>8,777,441</b>	<b>6,027,258</b>	<b>5,407,158</b>	<b>4,201,364</b>	<b>4,234,575</b>	<b>2,192,038</b>	<b>45.6</b>	<b>20.0</b>	<b>16.7</b>
Argentina .....	-	210	-	12	-	-	-	-	-
Brazil .....	77	30	-	-	-	-	156.7	-	-
Colombia .....	6,927,822	4,130,785	3,155,356	2,827,805	2,745,687	1,706,814	67.7	26.0	16.8
Venezuela .....	1,849,542	1,896,233	2,251,802	1,373,547	1,488,888	485,224	-2.5	5.6	16.0
<b>Europe Total</b> .....	<b>1,315</b>	<b>65,894</b>	<b>39,529</b>	<b>24,163</b>	<b>2,369</b>	<b>5</b>	<b>-98.0</b>	<b>-13.7</b>	<b>85.7</b>
Belgium & Luxembourg .....	-	9,665	3,614	5,458	2,243	-	-	-	-
Czechoslovakia .....	-	-	-	-	-	5	-	-	-
Germany, FR .....	-	-	-	18	-	-	-	-	-
Italy .....	-	1	33	-	-	-	-	-	-
Norway .....	-	-	-	18,491	-	-	-	-	-
Russia .....	1,100	857	-	-	-	-	28.3	-	-
Spain .....	-	-	33,051	-	90	-	-	-	-
Switzerland .....	-	-	-	182	-	-	-	-	-
Turkey .....	-	-	-	-	36	-	-	-	-
United Kingdom .....	215	55,371	2,831	14	-	-	-99.6	-	-
<b>Asia Total</b> .....	<b>669,504</b>	<b>1,051,436</b>	<b>1,284,831</b>	<b>1,324,946</b>	<b>1,392,520</b>	<b>6,254</b>	<b>-36.3</b>	<b>-16.7</b>	<b>68.1</b>
China (Mainland) .....	17,823	18,361	2,329	1,820	-	183	-2.9	-	66.3
Hong Kong .....	-	-	9	-	1	-	-	-	-
India .....	186	523	-	-	-	-	-64.4	-	-
Indonesia .....	651,495	1,032,444	1,282,492	1,293,569	1,392,517	6,025	-36.9	-17.3	68.3
Japan .....	-	-	1	-	2	1	-	-	-
Korea, Republic of .....	-	1	-	-	-	-	-	-	-
Syria .....	-	107	-	-	-	-	-	-	-
Thailand .....	-	-	-	-	-	45	-	-	-
Vietnam .....	-	-	-	29,557	-	-	-	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>152,040</b>	<b>146,480</b>	<b>122,560</b>	<b>141,988</b>	<b>149,498</b>	<b>28,219</b>	<b>3.8</b>	<b>.4</b>	<b>20.6</b>
Australia .....	152,040	146,480	84,060	104,789	149,498	28,219	3.8	.4	20.6
New Zealand .....	-	-	38,500	37,199	-	-	-	-	-
<b>Total</b> .....	<b>11,351,263</b>	<b>8,245,707</b>	<b>7,913,997</b>	<b>6,791,889</b>	<b>7,362,048</b>	<b>3,075,162</b>	<b>37.7</b>	<b>11.4</b>	<b>15.6</b>

Note: Coal imports include coal to Puerto Rico and the Virgin Islands.  
Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Table B6. Coal Mining Productivity by State, 1991, 1996-2000**  
(Metric Tons of Coal Produced per Employee/Miner per Hour)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	2.50	2.04	2.09	2.17	2.00	1.97	22.2	5.7	2.7
Alaska.....	5.49	5.04	4.21	5.82	6.18	6.19	8.9	-2.9	-1.3
Arizona.....	6.49	6.00	5.92	6.16	5.72	6.03	8.1	3.2	.8
Arkansas.....	-	1.72	1.77	1.76	-	2.06	-100.0	-	-
California.....	-	-	-	-	-	10.26	-	-	-
Colorado.....	6.93	7.19	7.15	6.97	6.64	4.58	-3.6	1.1	4.7
Illinois.....	3.92	3.80	3.78	3.81	3.79	2.89	3.2	.8	3.5
Indiana.....	5.14	4.92	4.69	4.84	4.52	3.65	4.6	3.3	3.9
Iowa.....	-	-	-	-	-	1.17	-	-	-
Kansas.....	10.07	7.78	6.79	3.46	1.97	1.95	29.4	50.4	20.0
Kentucky Total.....	3.59	3.53	3.44	3.58	3.45	2.73	1.9	1.0	3.1
Eastern.....	3.50	3.39	3.36	3.48	3.34	2.63	3.2	1.2	3.2
Western.....	4.05	4.14	3.77	3.97	3.89	3.05	-2.3	1.0	3.2
Louisiana.....	9.35	7.70	8.00	9.93	9.86	11.40	21.3	-1.3	-2.2
Maryland.....	4.01	3.81	3.73	3.56	3.74	2.82	5.1	1.7	4.0
Mississippi.....	3.48	.17	-	-	-	-	NM	-	-
Missouri.....	3.78	2.62	2.46	2.89	3.16	2.44	44.2	4.6	5.0
Montana.....	20.73	20.72	20.83	21.37	19.85	17.23	*	1.1	2.1
New Mexico.....	7.71	7.53	7.18	8.50	7.66	5.67	2.4	.2	3.5
North Dakota.....	15.99	15.65	15.22	16.17	15.61	16.00	2.2	.6	*
Ohio.....	3.22	2.90	3.17	3.65	3.59	2.43	11.3	-2.6	3.2
Oklahoma.....	3.17	2.86	2.99	2.28	2.37	2.08	10.6	7.5	4.8
Pennsylvania Total.....	3.92	3.46	3.42	3.29	3.05	2.21	13.4	6.5	6.6
Anthracite.....	1.78	1.59	1.85	1.60	1.74	1.26	12.0	.6	3.9
Bituminous.....	4.24	3.74	3.63	3.53	3.23	2.29	13.5	7.1	7.1
Tennessee.....	2.58	2.49	2.46	2.15	1.99	1.71	3.7	6.7	4.7
Texas.....	8.81	9.14	8.76	9.29	9.19	6.50	-3.6	-1.0	3.4
Utah.....	6.97	6.21	5.59	5.75	6.56	4.35	12.2	1.5	5.4
Virginia.....	2.85	2.80	2.56	2.51	2.46	2.02	1.7	3.7	3.9
Washington.....	3.49	3.58	3.84	3.26	3.60	3.60	-2.6	-8	-3
West Virginia Total.....	4.46	4.32	4.20	4.05	3.55	2.82	3.2	5.9	5.2
Northern.....	4.33	4.20	4.23	4.06	3.68	2.57	3.0	4.1	5.9
Southern.....	4.50	4.36	4.18	4.04	3.50	2.95	3.2	6.5	4.8
Wyoming.....	34.73	33.83	32.64	31.34	29.08	19.84	2.7	4.5	6.4
<b>Appalachian Total<sup>1</sup>.....</b>	<b>3.72</b>	<b>3.48</b>	<b>3.42</b>	<b>3.41</b>	<b>3.16</b>	<b>2.48</b>	<b>6.7</b>	<b>4.1</b>	<b>4.6</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>5.27</b>	<b>5.11</b>	<b>4.89</b>	<b>5.02</b>	<b>4.89</b>	<b>3.61</b>	<b>3.0</b>	<b>1.9</b>	<b>4.3</b>
<b>Western Total<sup>1</sup>.....</b>	<b>17.81</b>	<b>17.28</b>	<b>16.36</b>	<b>16.10</b>	<b>15.79</b>	<b>11.27</b>	<b>3.0</b>	<b>3.0</b>	<b>5.2</b>
<b>East of Miss. River.....</b>	<b>3.80</b>	<b>3.60</b>	<b>3.53</b>	<b>3.53</b>	<b>3.30</b>	<b>2.60</b>	<b>5.5</b>	<b>3.6</b>	<b>4.3</b>
<b>West of Miss. River.....</b>	<b>16.03</b>	<b>15.59</b>	<b>14.76</b>	<b>14.55</b>	<b>14.21</b>	<b>9.79</b>	<b>2.8</b>	<b>3.0</b>	<b>5.6</b>
<b>U.S. Total.....</b>	<b>6.37</b>	<b>6.00</b>	<b>5.63</b>	<b>5.48</b>	<b>5.16</b>	<b>3.71</b>	<b>6.1</b>	<b>5.4</b>	<b>6.2</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Notes: Productivity is calculated by dividing total coal production by the total direct labor hours worked by all employees engaged in production, preparation, processing, development, maintenance, repair, shop or yard work at mining operations, including office workers for 1998 forward. For 1997 and prior years, includes mining operations management and all technical and engineering personnel, excluding office workers. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table B7. Coal Consumption by Census Division and State, 1991, 1996-2000**  
(Thousand Metric Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England</b> .....	<b>2,196</b>	<b>1,786</b>	<b>4,899</b>	<b>7,228</b>	<b>6,372</b>	<b>6,361</b>	<b>22.9</b>	<b>-23.4</b>	<b>-11.1</b>
Connecticut.....	4	5	541	966	845	777	-23.3	-74.6	-45.1
Maine.....	202	108	128	176	212	339	86.2	-1.2	-5.6
Massachusetts.....	466	451	2,893	4,437	4,062	4,038	3.3	-41.8	-21.3
New Hampshire.....	1,521	1,219	1,333	1,547	1,249	1,193	24.7	5.0	2.7
Rhode Island.....	2	1	2	3	3	4	51.3	-7.2	-5.8
Vermont.....	1	2	2	99	2	11	-21.6	-4.0	-21.0
<b>Middle Atlantic</b> .....	<b>29,607</b>	<b>50,207</b>	<b>62,877</b>	<b>66,519</b>	<b>64,378</b>	<b>64,042</b>	<b>-41.0</b>	<b>-17.6</b>	<b>-8.2</b>
New Jersey.....	2,068	2,355	2,152	2,601	2,179	2,110	-12.2	-1.3	-2
New York.....	4,063	6,654	11,280	10,691	10,284	12,100	-38.9	-20.7	-11.4
Pennsylvania.....	23,475	41,197	49,445	53,228	51,915	49,832	-43.0	-18.0	-8.0
<b>East North Central</b> .....	<b>195,184</b>	<b>208,073</b>	<b>212,336</b>	<b>212,175</b>	<b>207,776</b>	<b>189,223</b>	<b>-6.2</b>	<b>-1.5</b>	<b>.3</b>
Illinois.....	20,882	38,257	40,517	43,216	40,307	31,459	-45.4	-15.2	-4.4
Indiana.....	64,032	60,016	60,146	59,921	58,079	55,148	6.7	2.5	1.7
Michigan.....	32,929	34,721	34,495	32,556	33,319	30,734	-5.2	-3	.8
Ohio.....	53,840	52,163	54,754	53,362	54,281	53,141	3.2	-2	.1
Wisconsin.....	23,502	22,916	22,424	23,121	21,790	18,741	2.5	1.9	2.5
<b>West North Central</b> .....	<b>136,848</b>	<b>131,616</b>	<b>131,226</b>	<b>125,467</b>	<b>124,358</b>	<b>105,875</b>	<b>4.0</b>	<b>2.4</b>	<b>2.9</b>
Iowa.....	22,082	21,282	20,995	19,660	19,205	17,001	3.8	3.5	2.9
Kansas.....	18,910	17,240	16,090	16,033	17,313	13,500	9.7	2.2	3.8
Minnesota.....	18,811	17,314	18,106	17,315	17,874	15,416	8.6	1.3	2.2
Missouri.....	34,746	34,452	34,971	33,439	31,191	23,381	.8	2.7	4.5
Nebraska.....	10,805	10,546	10,786	10,170	9,415	8,037	2.4	3.5	3.3
North Dakota.....	28,941	28,379	28,178	26,635	27,679	25,943	2.0	1.1	1.2
South Dakota.....	2,553	2,404	2,101	2,215	1,680	2,598	6.2	11.0	-2
<b>South Atlantic</b> .....	<b>160,499</b>	<b>157,266</b>	<b>157,386</b>	<b>154,816</b>	<b>150,181</b>	<b>130,701</b>	<b>2.0</b>	<b>1.7</b>	<b>2.3</b>
Delaware.....	1,491	1,264	1,609	1,692	1,775	1,983	18.0	-4.3	-3.1
District of Columbia.....	6	5	6	36	21	60	8.9	-27.2	-22.7
Florida.....	26,116	24,755	26,151	26,054	25,803	23,590	5.5	.3	1.1
Georgia.....	31,888	30,386	29,684	29,659	28,266	24,455	4.9	3.0	3.0
Maryland.....	7,833	10,683	10,695	10,196	10,312	9,715	-26.7	-6.6	-2.4
North Carolina.....	27,034	25,774	26,233	26,812	25,060	18,940	4.9	1.9	4.0
South Carolina.....	15,374	14,303	13,289	12,799	12,566	10,388	7.5	5.2	4.4
Virginia.....	15,377	14,336	14,385	13,856	13,592	12,682	7.3	3.1	2.2
West Virginia.....	35,380	35,759	35,334	33,711	32,785	28,887	-1.0	1.9	2.3
<b>East South Central</b> .....	<b>102,180</b>	<b>98,356</b>	<b>97,802</b>	<b>102,491</b>	<b>100,198</b>	<b>82,359</b>	<b>3.9</b>	<b>.5</b>	<b>2.4</b>
Alabama.....	36,104	34,563	32,956	33,209	33,613	26,625	4.4	1.8	3.4
Kentucky.....	34,098	34,015	35,197	38,001	37,069	31,313	.2	-2.1	.9
Mississippi.....	5,795	5,631	5,350	5,691	5,254	3,458	2.9	2.5	5.9
Tennessee.....	26,184	24,147	24,300	25,590	24,262	20,962	8.4	1.9	2.5
<b>West South Central</b> .....	<b>133,573</b>	<b>136,519</b>	<b>133,477</b>	<b>136,417</b>	<b>132,877</b>	<b>121,232</b>	<b>-2.1</b>	<b>.1</b>	<b>1.1</b>
Arkansas.....	13,835	13,879	13,212	12,763	13,440	11,123	-3	.7	2.4
Louisiana.....	9,086	12,665	12,601	12,586	11,371	11,762	-28.3	-5.4	-2.8
Oklahoma.....	18,501	17,304	17,764	19,167	18,257	14,828	6.9	.3	2.5
Texas.....	92,151	92,670	89,900	91,901	89,809	83,519	-6	.6	1.1
<b>Mountain</b> .....	<b>101,890</b>	<b>106,125</b>	<b>107,359</b>	<b>101,134</b>	<b>97,275</b>	<b>95,415</b>	<b>-4.0</b>	<b>1.2</b>	<b>.7</b>
Arizona.....	19,168	17,881	17,249	16,515	15,234	15,245	7.2	5.9	2.6
Colorado.....	17,521	16,542	16,394	16,246	15,624	14,713	5.9	2.9	1.9
Idaho.....	565	391	434	327	360	610	44.5	11.9	-8
Montana.....	441	9,407	9,776	8,594	7,286	9,570	-95.3	-50.4	-29.0
Nevada.....	8,042	7,318	7,453	6,756	6,898	7,340	9.9	3.9	1.0
New Mexico.....	15,046	14,790	14,482	14,412	13,877	11,664	1.7	2.0	2.9
Utah.....	15,329	14,688	15,470	14,610	13,823	13,457	4.4	2.6	1.4
Wyoming.....	25,778	25,109	26,102	23,674	24,173	22,815	2.7	1.6	1.4
<b>Pacific</b> .....	<b>6,739</b>	<b>9,840</b>	<b>10,120</b>	<b>8,687</b>	<b>9,328</b>	<b>10,029</b>	<b>-31.5</b>	<b>-7.8</b>	<b>-4.3</b>
Alaska.....	630	629	629	670	640	728	*	-4	-1.6
California.....	1,828	1,872	1,815	2,545	2,351	2,554	-2.4	-6.1	-3.6
Hawaii.....	99	106	132	151	154	33	-6.3	-10.3	12.9
Oregon.....	2,033	1,954	1,882	832	1,029	1,760	4.0	18.5	1.6
Washington.....	2,149	5,278	5,662	4,489	5,155	4,954	-59.3	-19.6	-8.9
<b>Other Power Producers</b> .....	<b>111,842</b>	<b>47,802</b>	<b>24,440</b>	<b>19,598</b>	<b>20,162</b>	<b>10,384</b>	<b>133.9</b>	<b>53.5</b>	<b>30.2</b>
<b>U.S. Total</b> .....	<b>980,557</b>	<b>947,589</b>	<b>941,923</b>	<b>934,532</b>	<b>912,906</b>	<b>815,620</b>	<b>3.5</b>	<b>1.8</b>	<b>2.1</b>

\* Data round to zero.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6A, "Coal Distribution Report"; Form EIA-867, "Annual Non-utility Power Producer Report" for 1997 and prior years; and for 1998 forward, Form EIA-860B, "Annual Electric Generation Report - Non-utility."



**Table B8. Year-End Consumer Coal Stocks by Census Division and State, 1991, 1996-2000**  
(Thousand Metric Tons)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England</b> .....	<b>239</b>	<b>308</b>	<b>603</b>	<b>740</b>	<b>1,176</b>	<b>1,029</b>	<b>-22.4</b>	<b>-32.8</b>	<b>-14.9</b>
Connecticut.....	-	-	122	60	157	157	-	-	-
Maine.....	w	w	71	47	46	4	w	w	w
Massachusetts.....	w	w	159	363	647	529	w	w	w
New Hampshire.....	w	w	252	271	326	338	w	w	w
<b>Middle Atlantic</b> .....	<b>1,629</b>	<b>R 5,344</b>	<b>10,189</b>	<b>9,413</b>	<b>9,884</b>	<b>16,553</b>	<b>-69.5</b>	<b>-36.3</b>	<b>-22.7</b>
New Jersey.....	w	w	602	514	748	623	w	w	w
New York.....	w	w	1,370	1,044	1,100	1,826	w	w	w
Pennsylvania.....	w	w	8,217	7,855	8,035	14,104	w	w	w
<b>East North Central</b> .....	<b>22,745</b>	<b>32,449</b>	<b>33,392</b>	<b>27,936</b>	<b>27,955</b>	<b>39,172</b>	<b>-29.9</b>	<b>-5.0</b>	<b>-5.9</b>
Illinois.....	w	w	6,555	4,856	4,680	6,979	w	w	w
Indiana.....	w	w	8,154	6,026	7,217	10,330	w	w	w
Michigan.....	w	w	8,573	7,301	7,089	8,179	w	w	w
Ohio.....	w	w	5,602	5,737	4,924	9,632	w	w	w
Wisconsin.....	w	w	4,508	4,016	4,045	4,051	w	w	w
<b>West North Central</b> .....	<b>15,179</b>	<b>20,262</b>	<b>17,263</b>	<b>13,456</b>	<b>16,626</b>	<b>19,352</b>	<b>-25.1</b>	<b>-2.3</b>	<b>-2.7</b>
Iowa.....	w	w	3,865	2,671	4,184	4,657	w	w	w
Kansas.....	w	w	2,891	2,085	2,707	3,012	w	w	w
Minnesota.....	w	w	2,172	1,809	1,577	2,443	w	w	w
Missouri.....	w	w	4,680	3,494	4,824	5,141	w	w	w
Nebraska.....	w	w	1,913	1,472	1,567	1,827	w	w	w
North Dakota.....	w	w	1,533	1,705	1,622	1,969	w	w	w
South Dakota.....	w	w	209	221	145	301	w	w	w
<b>South Atlantic</b> .....	<b>13,541</b>	<b>21,492</b>	<b>19,808</b>	<b>15,431</b>	<b>17,760</b>	<b>27,172</b>	<b>-37.0</b>	<b>-6.5</b>	<b>-7.4</b>
Delaware.....	w	w	427	293	302	417	w	w	w
Florida.....	w	w	4,218	3,182	3,119	4,427	w	w	w
Georgia.....	w	w	3,235	2,184	3,491	4,916	w	w	w
Maryland.....	w	w	1,068	1,092	1,249	2,049	w	w	w
North Carolina.....	w	w	3,402	1,836	2,423	4,415	w	w	w
South Carolina.....	w	w	2,488	1,833	1,975	2,033	w	w	w
Virginia.....	w	w	1,352	1,180	1,037	1,716	w	w	w
West Virginia.....	w	w	3,617	3,830	4,164	7,200	w	w	w
<b>East South Central</b> .....	<b>6,889</b>	<b>11,771</b>	<b>10,569</b>	<b>9,151</b>	<b>8,443</b>	<b>13,631</b>	<b>-41.5</b>	<b>-4.9</b>	<b>-7.3</b>
Alabama.....	w	w	3,245	2,696	2,593	4,237	w	w	w
Kentucky.....	w	w	4,437	4,230	3,921	5,477	w	w	w
Mississippi.....	w	w	758	569	568	862	w	w	w
Tennessee.....	w	w	2,129	1,657	1,361	3,055	w	w	w
<b>West South Central</b> .....	<b>16,116</b>	<b>19,928</b>	<b>13,381</b>	<b>10,291</b>	<b>18,040</b>	<b>16,617</b>	<b>-19.1</b>	<b>-2.8</b>	<b>-3</b>
Arkansas.....	w	w	1,020	865	2,467	1,964	w	w	w
Louisiana.....	w	w	1,979	1,141	2,250	2,087	w	w	w
Oklahoma.....	w	w	3,119	2,352	3,819	2,648	w	w	w
Texas.....	w	w	7,263	5,933	9,504	9,917	w	w	w
<b>Mountain</b> .....	<b>10,491</b>	<b>11,076</b>	<b>9,801</b>	<b>9,052</b>	<b>10,525</b>	<b>16,773</b>	<b>-5.3</b>	<b>-1</b>	<b>-5.1</b>
Arizona.....	w	w	1,746	1,283	1,836	3,837	w	w	w
Colorado.....	w	w	2,597	2,246	2,771	3,163	w	w	w
Idaho.....	w	w	114	96	70	71	w	w	w
Montana.....	w	w	312	381	472	706	w	w	w
Nevada.....	w	w	806	741	1,129	1,288	w	w	w
New Mexico.....	w	w	719	723	742	1,273	w	w	w
Utah.....	w	w	2,309	2,172	1,449	3,863	w	w	w
Wyoming.....	w	w	1,198	1,411	2,057	2,571	w	w	w
<b>Pacific</b> .....	<b>438</b>	<b>1,247</b>	<b>1,180</b>	<b>1,055</b>	<b>1,156</b>	<b>1,846</b>	<b>-64.9</b>	<b>-21.5</b>	<b>-14.8</b>
Alaska.....	w	w	-	*	1	7	w	w	w
California.....	w	w	171	107	136	126	w	w	w
Hawaii.....	w	w	38	61	41	16	w	w	w
Oregon.....	w	w	178	87	201	614	w	w	w
Washington.....	w	w	794	800	777	1,083	w	w	w
<b>Other Power Producers</b> .....	<b>10,673</b>	<b>6,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>56.9</b>	<b>-</b>	<b>-</b>
<b>U.S. Total</b> .....	<b>97,941</b>	<b>130,679</b>	<b>116,185</b>	<b>96,526</b>	<b>111,564</b>	<b>152,145</b>	<b>-24.6</b>	<b>-3.1</b>	<b>-4.8</b>

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

R Revised Data.

Notes: Totals may not equal sum of components due to independent rounding. Stocks for Residential and Commercial Sector are not included.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; and the Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table B9. U.S. Coal Exports by Destination, 1991, 1996-2000**  
(Thousand Metric Tons)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>17,792</b>	<b>19,272</b>	<b>20,245</b>	<b>15,374</b>	<b>12,346</b>	<b>10,391</b>	<b>-7.7</b>	<b>9.6</b>	<b>6.1</b>
Canada <sup>1</sup> .....	17,027	17,986	18,737	13,586	10,912	10,140	-5.3	11.8	5.9
Mexico.....	743	1,280	1,399	1,722	1,369	84	-41.9	-14.2	27.5
Other <sup>2</sup> .....	22	7	108	66	66	167	228.4	-23.8	-20.1
<b>South America Total</b> .....	<b>4,375</b>	<b>4,101</b>	<b>6,381</b>	<b>7,452</b>	<b>6,808</b>	<b>6,950</b>	<b>6.7</b>	<b>-10.5</b>	<b>-5.0</b>
Argentina.....	185	3	294	295	276	390	NM	-9.4	-7.9
Brazil.....	4,115	4,030	5,874	6,763	5,933	6,397	2.1	-8.7	-4.8
Chile.....	48	39	46	132	521	123	21.7	-45.0	-9.9
Other <sup>2</sup> .....	27	29	167	262	79	40	-5.3	-23.4	-4.3
<b>Europe Total</b> .....	<b>22,652</b>	<b>20,419</b>	<b>30,638</b>	<b>37,495</b>	<b>42,813</b>	<b>59,439</b>	<b>10.9</b>	<b>-14.7</b>	<b>-10.2</b>
Belgium & Luxembourg.....	2,622	1,880	2,898	3,918	4,145	6,771	39.4	-10.8	-10.0
Bulgaria.....	833	474	898	1,011	1,258	858	75.9	-9.8	-3
Denmark.....	70	-	249	318	1,194	4,225	-	-50.8	-36.6
Finland.....	288	211	420	600	638	481	36.2	-18.0	-5.5
France.....	2,761	2,288	2,895	3,083	3,495	8,626	20.7	-5.7	-11.9
Germany, FR.....	886	520	1,131	789	957	1,581	70.3	-1.9	-6.2
Hungary.....	65	-	-	*	-	-	-	-	-
Iceland.....	48	46	35	49	56	41	4.1	-3.6	1.9
Ireland.....	456	787	1,043	578	694	1,191	-42.1	-10.0	-10.1
Italy.....	3,367	3,641	4,824	6,368	8,350	10,227	-7.5	-20.3	-11.6
Netherlands.....	2,380	3,113	4,097	4,377	6,403	8,732	-23.5	-21.9	-13.4
Norway.....	118	78	85	87	77	181	50.1	11.1	-4.7
Portugal.....	541	676	677	1,334	1,635	1,478	-20.0	-24.2	-10.6
Romania.....	443	292	995	2,035	1,372	1,040	52.0	-24.6	-9.0
Spain.....	2,437	2,242	2,863	3,750	3,713	4,258	8.6	-10.0	-6.0
Sweden.....	642	579	686	756	970	1,124	10.8	-9.8	-6.0
Turkey.....	1,641	721	1,444	1,898	1,966	1,983	127.6	-4.4	-2.1
United Kingdom.....	2,989	2,869	5,395	6,518	5,621	5,598	4.2	-14.6	-6.7
Other <sup>2</sup> .....	66	-	-	-	-	888	-	-	-25.1
Other <sup>2</sup> .....	*	1	2	26	268	153	-82.3	-84.1	-53.0
<b>Asia Total</b> .....	<b>6,080</b>	<b>8,307</b>	<b>11,168</b>	<b>13,152</b>	<b>16,311</b>	<b>19,766</b>	<b>-26.8</b>	<b>-21.9</b>	<b>-12.3</b>
China (Taiwan).....	350	1,102	1,378	2,033	2,215	4,125	-68.3	-36.9	-24.0
Israel.....	56	547	478	538	1,090	591	-89.8	-52.4	-23.0
Japan.....	4,033	4,494	7,017	7,234	9,551	11,130	-10.2	-19.4	-10.7
Korea, Republic of.....	1,604	2,145	2,225	3,165	3,423	3,366	-25.2	-17.3	-7.9
Other <sup>2</sup> .....	37	19	70	182	32	554	91.8	3.0	-26.1
<b>Oceania &amp; Australia Total</b> .....	<b>*</b>	<b>*</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>*</b>	<b>218.0</b>	<b>-27.5</b>	<b>7.4</b>
Other <sup>2</sup> .....	*	*	4	1	1	*	218.0	-27.5	7.4
<b>Africa Total</b> .....	<b>2,162</b>	<b>949</b>	<b>2,366</b>	<b>2,317</b>	<b>3,796</b>	<b>2,309</b>	<b>127.9</b>	<b>-13.1</b>	<b>-7</b>
Algeria.....	269	288	311	240	160	474	-6.6	13.8	-6.1
Egypt.....	683	236	808	1,025	941	698	189.8	-7.7	-2
Morocco.....	825	-	62	129	1,497	919	-	-13.8	-1.2
South Africa, Rep of.....	385	425	1,178	895	1,197	217	-9.5	-24.7	6.6
Other <sup>2</sup> .....	1	*	7	28	-	2	NM	-	-13.1
<b>Total</b> .....	<b>53,060</b>	<b>53,048</b>	<b>70,804</b>	<b>75,791</b>	<b>82,075</b>	<b>98,855</b>	<b>*</b>	<b>-10.3</b>	<b>-6.7</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons (45,359 metric tons) in 2000.

\* Data round to zero.

NM Not meaningful as value is greater than 500 percent.

Note: Total may not equal sum of components due to independent rounding.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

**Table B10. Average Price of Coal by State, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Coal-Producing State and Region	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
Alabama.....	\$36.78	\$38.90	\$41.04	\$42.41	\$43.52	\$45.34	-5.4	-4.1	-2.3
Alaska.....	w	w	w	w	w	w	w	w	w
Arizona.....	w	w	w	w	w	w	w	w	w
Arkansas.....	-	w	w	w	-	w	w	-	w
California.....	-	-	-	-	-	w	-	-	-
Colorado.....	\$19.03	\$19.00	\$19.07	\$20.35	\$19.77	\$24.45	.2	-9	-2.7
Illinois.....	25.11	25.24	25.20	23.63	25.07	31.25	-5	*	-2.4
Indiana.....	21.82	22.04	21.69	21.62	22.31	26.00	-1.0	-5	-1.9
Iowa.....	-	-	-	-	-	w	-	-	-
Kansas.....	w	w	w	w	w	w	w	w	w
Kentucky Total.....	\$26.24	\$25.91	\$26.25	\$26.14	\$26.36	\$28.05	1.3	-1	-7
Eastern.....	27.10	26.61	27.10	27.17	27.54	29.07	1.8	-4	-8
Western.....	22.81	23.31	23.16	22.59	22.47	25.22	-2.2	.4	-1.1
Louisiana.....	w	w	w	w	w	w	w	w	w
Maryland.....	\$25.36	\$25.65	\$26.84	\$25.63	\$26.90	\$28.36	-1.1	-1.4	-1.2
Mississippi.....	w	w	-	-	-	-	w	-	-
Missouri.....	w	w	22.91	18.60	25.70	w	w	w	w
Montana.....	\$9.77	\$9.72	9.10	10.85	10.98	\$11.86	.6	-2.9	-2.1
New Mexico.....	23.01	23.12	22.79	24.06	27.18	25.63	-5	-4.1	-1.2
North Dakota.....	9.21	8.83	8.83	8.89	8.83	8.64	4.3	1.0	.7
Ohio.....	42.22	31.06	30.37	26.08	27.39	30.59	35.9	11.4	3.6
Oklahoma.....	27.78	29.43	28.68	29.02	29.25	31.44	-5.6	-1.3	-1.4
Pennsylvania Total.....	26.28	26.61	28.52	28.64	28.42	32.40	-1.2	-1.9	-2.3
Anthracite.....	45.09	38.72	47.30	38.71	40.54	40.05	16.4	2.7	1.3
Bituminous.....	25.10	25.83	27.28	28.01	27.54	32.03	-2.8	-2.3	-2.7
Tennessee.....	29.81	32.23	31.63	29.80	30.63	29.48	-7.5	-7	.1
Texas.....	14.33	13.74	13.74	13.40	13.41	13.46	4.3	1.7	.7
Utah.....	19.36	19.10	20.35	19.41	23.85	24.91	1.3	-5.1	-2.8
Virginia.....	28.61	29.00	31.62	31.13	31.36	30.26	-1.3	-2.3	-6
Washington.....	w	w	w	w	w	w	w	w	w
West Virginia Total.....	\$27.96	\$28.18	\$29.84	\$29.37	\$29.30	\$31.55	-8	-1.2	-1.3
Northern.....	24.96	25.33	28.24	28.51	27.41	33.24	-1.5	-2.3	-3.1
Southern.....	28.90	29.09	30.39	29.65	30.00	30.78	-6	-9	-7
Wyoming.....	6.07	5.93	5.97	6.62	7.06	8.92	2.4	-3.7	-4.2
<b>Appalachian Total<sup>1</sup>.....</b>	<b>28.64</b>	<b>28.20</b>	<b>29.60</b>	<b>29.26</b>	<b>29.52</b>	<b>31.63</b>	<b>1.6</b>	<b>-7</b>	<b>-1.1</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>20.25</b>	<b>20.42</b>	<b>20.34</b>	<b>19.75</b>	<b>20.29</b>	<b>24.10</b>	<b>-8</b>	<b>*</b>	<b>-1.9</b>
<b>Western Total<sup>1</sup>.....</b>	<b>9.63</b>	<b>9.46</b>	<b>9.66</b>	<b>10.50</b>	<b>11.06</b>	<b>12.91</b>	<b>1.7</b>	<b>-3.4</b>	<b>-3.2</b>
<b>East of Miss. River.....</b>	<b>27.73</b>	<b>27.31</b>	<b>28.42</b>	<b>27.99</b>	<b>28.33</b>	<b>30.84</b>	<b>1.6</b>	<b>-5</b>	<b>-1.2</b>
<b>West of Miss. River.....</b>	<b>10.17</b>	<b>10.00</b>	<b>10.19</b>	<b>10.93</b>	<b>11.46</b>	<b>13.29</b>	<b>1.7</b>	<b>-2.9</b>	<b>-2.9</b>
<b>U.S. Total.....</b>	<b>18.50</b>	<b>18.33</b>	<b>19.48</b>	<b>19.99</b>	<b>20.39</b>	<b>23.69</b>	<b>.9</b>	<b>-2.4</b>	<b>-2.7</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

Notes: Average mine price is calculated by dividing the total free on board (f.o.b.) mine value of the coal produced by the total production for 1997 and prior years. For 1998 and forward, average mine price is calculated by dividing the total free on board (f.o.b.) rail/barge value of the coal sold by the total coal sold. A measure of dispersion of the 2000 average prices at the State level (interquartile range) is given in Appendix D, Table D1. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; State Mining Agency Coal Production Reports; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table B11. Average Price of Coal Delivered to Electric Utilities by Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	<b>\$44.27</b>	<b>\$45.43</b>	<b>\$47.33</b>	<b>\$48.14</b>	<b>\$48.01</b>	<b>\$51.95</b>	<b>-2.6</b>	<b>-2.0</b>	<b>-1.8</b>
Connecticut.....	-	50.54	52.46	55.14	55.17	63.21	-	-	-
Massachusetts.....	50.58	50.30	46.63	47.09	47.00	49.97	.5	1.8	.1
New Hampshire.....	42.92	43.86	46.68	46.98	46.55	50.93	-2.1	-2.0	-1.9
<b>Middle Atlantic Total</b> .....	<b>34.35</b>	<b>36.91</b>	<b>37.84</b>	<b>37.91</b>	<b>38.67</b>	<b>42.97</b>	<b>-6.9</b>	<b>-2.9</b>	<b>-2.4</b>
New Jersey .....	40.41	42.14	45.98	50.65	50.18	52.64	-4.1	-5.3	-2.9
New York.....	43.11	41.64	41.27	41.14	40.95	45.41	3.5	1.3	-6
Pennsylvania.....	32.09	35.94	36.69	36.69	37.55	41.94	-10.7	-3.8	-2.9
<b>East North Central Total</b> .....	<b>29.04</b>	<b>29.32</b>	<b>30.33</b>	<b>30.52</b>	<b>31.18</b>	<b>35.97</b>	<b>-9</b>	<b>-1.8</b>	<b>-2.3</b>
Illinois.....	24.59	30.28	33.31	33.52	35.43	40.52	-18.8	-8.7	-5.4
Indiana.....	25.26	26.00	26.04	26.84	27.20	31.31	-2.8	-1.8	-2.4
Michigan.....	29.97	30.20	31.07	31.89	32.34	38.80	-8	-1.9	-2.8
Ohio.....	37.98	35.79	35.84	34.62	35.61	38.95	6.1	1.6	-3
Wisconsin.....	20.55	20.57	22.01	22.52	21.55	28.87	-1	-1.2	-3.7
<b>West North Central Total</b> .....	<b>16.19</b>	<b>16.07</b>	<b>16.44</b>	<b>16.96</b>	<b>17.12</b>	<b>21.43</b>	<b>.8</b>	<b>-1.4</b>	<b>-3.1</b>
Iowa.....	15.52	15.54	16.67	17.89	17.96	21.63	-1	-3.6	-3.6
Kansas.....	18.83	18.15	18.81	19.74	19.30	24.31	3.7	-6	-2.8
Minnesota.....	21.86	21.46	20.94	21.47	20.94	24.45	1.9	1.1	-1.2
Missouri.....	18.03	18.26	18.07	18.52	19.08	30.48	-1.2	-1.4	-5.7
Nebraska.....	10.65	10.39	11.10	11.09	13.64	14.03	2.5	-6.0	-3.0
North Dakota.....	10.42	10.54	11.03	11.25	10.71	10.32	-1.2	-7	.1
South Dakota.....	18.54	17.81	17.84	17.62	18.67	15.04	4.0	-2	2.3
<b>South Atlantic Total</b> .....	<b>38.37</b>	<b>38.41</b>	<b>39.22</b>	<b>40.05</b>	<b>40.43</b>	<b>46.49</b>	<b>-1</b>	<b>-1.3</b>	<b>-2.1</b>
Delaware.....	43.59	45.33	44.66	45.25	45.76	51.27	-3.8	-1.2	-1.8
Florida.....	42.65	43.07	44.12	46.10	46.74	50.56	-1.0	-2.3	-1.9
Georgia.....	39.30	40.00	40.03	41.09	40.28	47.35	-1.8	-6	-2.0
Maryland.....	37.97	39.35	41.48	42.71	42.43	46.11	-3.5	-2.7	-2.1
North Carolina.....	39.16	39.46	39.31	38.97	40.65	49.04	-8	-9	-2.5
South Carolina.....	38.99	40.00	40.84	41.02	41.38	45.60	-2.5	-1.5	-1.7
Virginia.....	37.58	37.60	38.29	38.56	39.38	42.85	*	-1.2	-1.4
West Virginia.....	32.60	32.21	33.14	33.82	34.09	41.81	1.2	-1.1	-2.7
<b>East South Central Total</b> .....	<b>30.07</b>	<b>30.90</b>	<b>32.07</b>	<b>31.64</b>	<b>32.35</b>	<b>37.40</b>	<b>-2.7</b>	<b>-1.8</b>	<b>-2.4</b>
Alabama.....	34.04	35.67	39.99	39.22	40.11	48.31	-4.6	-4.0	-3.8
Kentucky.....	26.17	27.03	27.03	26.68	26.93	29.98	-3.2	-7	-1.5
Mississippi.....	38.76	37.86	35.84	35.76	36.71	46.21	2.4	1.4	-1.9
Tennessee.....	28.36	29.02	29.10	29.40	30.46	33.59	-2.3	-1.8	-1.9
<b>West South Central Total</b> .....	<b>21.03</b>	<b>20.79</b>	<b>21.31</b>	<b>21.70</b>	<b>22.19</b>	<b>25.33</b>	<b>1.2</b>	<b>-1.3</b>	<b>-2.0</b>
Arkansas.....	27.20	27.77	28.14	31.48	28.83	30.75	-2.0	-1.4	-1.3
Louisiana.....	23.08	25.12	25.51	26.42	27.27	29.86	-8.1	-4.1	-2.8
Oklahoma.....	18.15	17.34	17.35	17.50	18.51	25.55	4.7	-5	-3.7
Texas.....	20.42	19.85	20.51	20.61	21.24	23.88	2.9	-1.0	-1.7
<b>Mountain Total</b> .....	<b>23.29</b>	<b>22.81</b>	<b>22.96</b>	<b>23.72</b>	<b>24.05</b>	<b>24.49</b>	<b>2.1</b>	<b>-8</b>	<b>-5</b>
Arizona.....	27.92	30.00	29.89	31.91	32.57	32.14	-6.9	-3.8	-1.5
Colorado.....	19.99	21.17	21.39	21.97	22.31	23.69	-5.5	-2.7	-1.9
Montana.....	13.35	13.52	12.53	12.69	13.12	12.61	-1.2	.4	.6
Nevada.....	31.24	32.11	32.05	34.28	33.55	34.48	-2.7	-1.8	-1.1
New Mexico.....	27.97	26.76	26.15	26.71	28.71	27.58	4.5	-6	.1
Utah.....	26.08	26.41	28.63	27.80	27.18	30.20	-1.2	-1.0	-1.6
Wyoming.....	15.12	14.76	15.25	15.61	15.76	16.03	2.5	-1.0	-6
<b>Pacific Total</b> .....	<b>25.46</b>	<b>26.20</b>	<b>25.43</b>	<b>27.77</b>	<b>26.42</b>	<b>25.53</b>	<b>-2.8</b>	<b>-9</b>	<b>*</b>
Oregon.....	20.34	21.32	20.85	21.99	20.73	20.15	-4.6	-5	.1
Washington.....	30.92	28.28	26.94	28.82	27.46	27.41	9.3	3.0	1.3
<b>U.S. Total</b> .....	<b>26.77</b>	<b>27.25</b>	<b>28.26</b>	<b>28.83</b>	<b>29.16</b>	<b>33.10</b>	<b>-1.8</b>	<b>-2.1</b>	<b>-2.3</b>

\* Data round to zero.

Note: Average prices are based on the cost including insurance and freight.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table B12. Average Price of Coal Delivered to Other Industrial Plants by Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>New England Total</b> .....	w	w	w	\$69.95	\$63.22	\$73.57	w	w	w
Maine .....	w	w	w	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w	w	w	w
<b>Middle Atlantic Total</b> .....	\$39.30	w	w	w	w	w	w	w	w
New Jersey .....	w	w	w	w	w	w	w	w	w
New York .....	w	w	w	\$45.77	\$44.21	\$48.27	w	w	w
Pennsylvania .....	\$37.56	\$37.08	\$37.84	37.69	37.30	39.57	1.3	0.2	-0.6
<b>East North Central Total</b> .....	<b>36.74</b>	<b>36.76</b>	<b>36.62</b>	<b>36.96</b>	<b>37.96</b>	<b>39.66</b>	*	-8	-8
Illinois .....	31.35	32.65	32.47	32.80	32.72	33.96	-3.9	-1.1	-9
Indiana .....	33.55	33.44	33.30	32.80	35.01	36.38	.3	-1.0	-9
Michigan .....	44.42	44.15	44.54	46.23	45.50	48.16	.6	-6	-9
Ohio .....	40.18	37.96	36.94	37.53	38.89	38.41	5.8	.8	.5
Wisconsin .....	43.21	42.98	44.55	44.12	44.12	47.74	.5	-5	-1.1
<b>West North Central Total</b> .....	<b>21.02</b>	<b>20.71</b>	<b>20.64</b>	<b>20.97</b>	<b>21.00</b>	<b>20.21</b>	<b>1.5</b>	*	.4
Iowa .....	31.63	31.10	31.08	31.88	32.32	32.13	1.7	-5	-2
Kansas .....	41.52	36.39	34.26	35.20	35.78	33.96	14.1	3.8	2.3
Minnesota .....	33.63	34.19	32.74	34.21	31.80	39.97	-1.6	1.4	-1.9
Missouri .....	34.38	32.92	33.60	33.14	34.58	34.48	4.4	-1	*
Nebraska .....	w	w	w	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w	w	w	w
South Dakota .....	\$28.67	\$28.34	\$26.45	\$25.74	\$27.45	\$18.32	1.2	1.1	5.1
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware .....	w	w	w	w	w	w	w	w	w
Florida .....	\$48.13	\$46.98	\$49.18	\$49.75	\$50.36	\$52.27	2.4	-1.1	-9
Georgia .....	47.10	48.64	49.10	49.42	48.73	49.55	-3.2	-8	-6
Maryland .....	35.27	35.28	35.72	35.95	35.85	37.16	*	-4	-6
North Carolina .....	45.89	45.95	47.09	47.55	47.80	47.45	-1	-1.0	-4
South Carolina .....	47.62	48.64	48.53	48.75	48.59	47.61	-2.1	-5	*
Virginia .....	46.20	47.33	48.07	48.33	47.96	44.67	-2.4	-9	.4
West Virginia .....	36.84	41.73	53.18	38.92	36.78	35.37	-11.7	*	.4
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama .....	\$43.32	\$43.88	\$43.53	\$44.31	\$44.26	\$44.57	-1.3	-5	-3
Kentucky .....	45.96	47.09	48.13	49.28	48.52	51.30	-2.4	-1.3	-1.2
Mississippi .....	w	w	w	w	w	w	w	w	w
Tennessee .....	\$37.41	\$38.87	\$40.37	\$40.05	\$38.82	\$39.31	-3.7	-9	-5
<b>West South Central Total</b> .....	<b>25.35</b>	<b>25.21</b>	<b>25.26</b>	<b>24.71</b>	<b>24.02</b>	<b>25.70</b>	<b>.5</b>	<b>1.3</b>	<b>-1</b>
Arkansas .....	48.01	47.49	45.83	46.71	47.67	49.71	1.1	.2	-4
Louisiana .....	w	w	w	w	w	w	w	w	w
Oklahoma .....	w	w	w	w	w	w	w	w	w
Texas .....	\$22.62	\$23.15	\$23.20	\$22.19	\$20.93	\$20.51	-2.3	1.9	1.1
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>30.09</b>	<b>29.91</b>	<b>29.44</b>	<b>32.63</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona .....	\$45.48	\$43.96	42.63	42.78	43.29	44.20	3.4	1.2	.3
Colorado .....	26.58	26.45	26.18	27.70	25.54	32.27	.5	1.0	-2.1
Idaho .....	w	w	37.82	38.10	40.11	37.38	-7.4	w	w
Montana .....	w	w	w	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w	w	w	w
Utah .....	\$27.68	\$23.73	\$21.00	\$21.25	\$21.06	\$29.13	16.6	7.1	-6
Wyoming .....	27.41	26.74	26.57	26.11	24.61	27.76	2.5	2.7	-1
<b>Pacific Total</b> .....	<b>44.65</b>	<b>45.28</b>	<b>47.53</b>	<b>47.67</b>	<b>46.79</b>	<b>50.43</b>	<b>-1.4</b>	<b>-1.2</b>	<b>-1.3</b>
California .....	43.52	43.89	45.21	44.25	43.58	49.37	-9	*	-1.4
Hawaii .....	w	w	w	w	w	w	w	w	w
Oregon .....	-	w	w	w	w	w	-	-	-
Washington .....	w	w	\$62.29	\$65.92	\$64.83	\$65.22	w	w	w
<b>U.S. Total</b> .....	<b>\$34.66</b>	<b>\$34.83</b>	<b>35.61</b>	<b>35.72</b>	<b>35.63</b>	<b>36.97</b>	<b>-5</b>	<b>-7</b>	<b>-7</b>

\* Data round to zero.

w Withheld to avoid disclosure of individual company data.

Notes: Price data are for manufacturing plants only. Average prices are based on the cost including insurance, freight, and taxes.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption - Manufacturing Plants."

**Table B13. Average Price of Coal Delivered to Coke Plants by Census Division and State, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Census Division and State	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>Middle Atlantic Total</b> .....	<b>\$47.28</b>	<b>\$48.87</b>	w	w	w	w	-3.2	w	w
New York.....	w	w	w	w	w	w	w	w	w
Pennsylvania.....	w	w	\$46.72	\$50.93	\$49.79	\$51.65	w	w	w
<b>East North Central Total</b> .....	<b>\$50.25</b>	<b>\$52.63</b>	<b>53.34</b>	<b>54.15</b>	<b>54.61</b>	<b>55.89</b>	<b>-4.5</b>	<b>-2.0</b>	<b>-1.2</b>
Illinois.....	w	w	w	w	w	w	w	w	w
Indiana.....	w	w	\$54.42	\$55.94	\$57.25	\$58.77	w	w	w
Michigan.....	w	w	w	w	w	w	w	w	w
Ohio.....	w	w	\$50.40	\$51.69	\$49.58	\$50.87	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maryland.....	-	-	-	-	-	-	-	-	-
Virginia.....	w	w	w	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w	w	w	w
<b>East South Central Total</b> .....	<b>\$49.31</b>	<b>\$49.91</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>-1.2</b>	<b>w</b>	<b>w</b>
Alabama.....	w	w	\$53.71	\$55.16	\$54.42	\$53.29	w	w	w
Kentucky.....	w	w	w	w	w	w	w	w	w
Tennessee.....	-	-	-	-	-	-	-	-	-
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Utah.....	w	w	w	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$48.91</b>	<b>\$50.54</b>	<b>\$50.77</b>	<b>\$52.48</b>	<b>\$52.17</b>	<b>\$53.88</b>	<b>-3.2</b>	<b>-1.6</b>	<b>-1.1</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.  
Note: Average prices are based on the cost including insurance, freight, and taxes.  
Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

**Table B14. Average Price of U.S. Coal Imports by Continent and Country of Origin, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Continent and Country of Origin	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$41.94</b>	<b>\$37.74</b>	<b>\$39.00</b>	<b>\$42.01</b>	<b>\$40.24</b>	<b>\$27.67</b>	<b>11.1</b>	<b>1.0</b>	<b>4.7</b>
Canada.....	42.00	38.61	39.02	42.01	40.26	27.67	8.8	1.1	4.7
Mexico.....	25.00	24.17	23.01	-	36.85	-	3.4	-9.2	-
<b>South America Total</b> .....	<b>29.95</b>	<b>33.05</b>	<b>34.35</b>	<b>35.81</b>	<b>34.76</b>	<b>38.19</b>	<b>-9.4</b>	<b>-3.6</b>	<b>-2.7</b>
Colombia.....	28.94	32.15	34.40	35.40	35.16	36.24	-10.0	-4.7	-2.5
Venezuela.....	33.71	35.27	34.27	36.66	34.03	45.06	-4.4	-2	-3.2
<b>Europe Total</b> .....	<b>-</b>	<b>32.50</b>	<b>40.56</b>	<b>54.25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Norway.....	-	-	-	54.51	-	-	-	-	-
Spain.....	-	-	40.21	-	-	-	-	-	-
Switzerland.....	-	-	-	45.51	-	-	-	-	-
United Kingdom.....	-	32.50	46.33	-	-	-	-	-	-
<b>Asia Total</b> .....	<b>47.90</b>	<b>47.56</b>	<b>37.62</b>	<b>36.43</b>	<b>35.77</b>	<b>-</b>	<b>.7</b>	<b>7.6</b>	<b>-</b>
China (Mainland).....	56.25	47.02	-	-	-	-	19.6	-	-
Indonesia.....	47.82	47.57	37.62	36.18	35.77	-	.5	7.5	-
Vietnam.....	-	-	-	54.11	-	-	-	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>31.84</b>	<b>30.05</b>	<b>35.15</b>	<b>36.89</b>	<b>36.83</b>	<b>41.86</b>	<b>5.9</b>	<b>-3.6</b>	<b>-3.0</b>
Australia.....	31.84	30.05	35.15	36.89	36.83	41.86	5.9	-3.6	-3.0
<b>Total</b> <sup>1</sup> .....	<b>32.75</b>	<b>34.72</b>	<b>35.48</b>	<b>36.93</b>	<b>36.02</b>	<b>35.65</b>	<b>-5.7</b>	<b>-2.3</b>	<b>-9</b>
<b>U.S. Total</b> <sup>2</sup> .....	<b>33.18</b>	<b>33.92</b>	<b>35.48</b>	<b>37.83</b>	<b>37.23</b>	<b>36.51</b>	<b>-2.2</b>	<b>-2.8</b>	<b>-1.0</b>

<sup>1</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal imports and fall within the range of \$20 to \$55 per short ton (\$18.14 to \$49.90 per metric ton), inclusively.

<sup>2</sup> U.S. Total is the average price of all coal imports.

Notes: Average price is based on the customs import value. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Table B15. Average Price of U.S. Coal Exports by Destination, 1991, 1996-2000**  
(Nominal Dollars per Metric Ton)

Continent and Country of Destination	2000	1999	1998	1997	1996	1991	Percent Change 1999-2000	Average Annual Percent Change	
								1996-2000	1991-2000
<b>North America Total</b> .....	<b>\$32.75</b>	<b>\$31.68</b>	<b>\$31.40</b>	<b>\$33.70</b>	<b>\$36.48</b>	<b>\$36.71</b>	<b>3.4</b>	<b>-2.6</b>	<b>-1.3</b>
Canada <sup>1</sup> .....	32.24	30.53	30.48	32.15	35.53	36.54	5.6	-2.4	-1.4
Mexico .....	44.78	47.55	42.56	45.53	43.77	48.31	-5.8	.6	-8
Other <sup>2</sup> .....	27.27	39.85	41.20	41.97	41.92	41.05	-31.6	-10.2	-4.4
<b>South America Total</b> .....	<b>37.91</b>	<b>43.33</b>	<b>47.20</b>	<b>48.44</b>	<b>48.29</b>	<b>50.92</b>	<b>-12.5</b>	<b>-5.9</b>	<b>-3.2</b>
Argentina .....	26.38	44.98	49.24	52.57	51.11	50.26	-41.3	-15.2	-6.9
Brazil .....	38.51	43.44	47.24	48.64	49.25	51.20	-11.3	-6.0	-3.1
Chile .....	30.05	31.06	31.61	35.54	35.69	43.52	-3.3	-4.2	-4.0
Other <sup>2</sup> .....	40.47	46.46	46.37	44.98	43.19	34.65	-12.9	-1.6	1.7
<b>Europe Total</b> .....	<b>41.84</b>	<b>45.30</b>	<b>47.71</b>	<b>47.42</b>	<b>46.41</b>	<b>47.57</b>	<b>-7.6</b>	<b>-2.5</b>	<b>-1.4</b>
Belgium & Luxembourg .....	42.29	48.34	51.12	50.38	50.41	49.40	-12.5	-4.3	-1.7
Bulgaria .....	44.03	45.89	49.13	51.17	48.79	45.94	-4.0	-2.5	-5
Denmark .....	27.65	-	37.50	34.97	32.29	35.89	-	-3.8	-2.8
Finland .....	43.90	40.79	44.64	45.89	46.42	49.35	7.6	-1.4	-1.3
France .....	41.08	47.08	50.78	50.66	49.53	44.52	-12.7	-4.6	-9
Germany, FR .....	32.70	34.88	39.12	49.15	45.28	43.36	-6.2	-7.8	-3.1
Hungary .....	44.46	-	-	-	-	-	-	-	-
Iceland .....	57.38	59.86	61.60	65.40	63.38	62.06	-4.1	-2.4	-9
Ireland .....	30.17	32.99	40.10	41.88	41.17	43.88	-8.5	-7.5	-4.1
Italy .....	49.05	51.02	51.29	50.19	49.66	50.37	-3.8	-3	-3
Netherlands .....	41.77	44.02	49.89	49.57	45.59	47.60	-5.1	-2.2	-1.4
Norway .....	53.08	60.07	61.51	64.35	62.89	38.11	-11.6	-4.1	3.8
Portugal .....	32.77	36.34	41.93	40.52	40.26	45.05	-9.8	-5.0	-3.5
Romania .....	46.42	43.28	46.64	49.14	51.76	51.53	7.3	-2.7	-1.1
Spain .....	40.69	43.05	47.28	40.79	41.41	50.12	-5.5	-4	-2.3
Sweden .....	48.17	49.89	51.98	53.13	52.36	52.60	-3.4	-2.1	-1.0
Turkey .....	38.18	42.44	49.52	50.78	48.86	51.63	-10.0	-6.0	-3.3
United Kingdom .....	40.47	44.90	43.00	43.32	42.88	51.16	-9.9	-1.4	-2.6
Yugoslavia, FR .....	28.95	-	-	-	-	48.74	-	-	-5.6
Other <sup>2</sup> .....	45.29	44.11	38.50	38.13	37.43	54.19	2.7	4.9	-2.0
<b>Asia Total</b> .....	<b>37.65</b>	<b>40.05</b>	<b>43.40</b>	<b>43.79</b>	<b>43.62</b>	<b>47.54</b>	<b>-6.0</b>	<b>-3.6</b>	<b>-2.5</b>
China (Taiwan) .....	37.33	37.96	40.01	40.51	40.63	46.00	-1.6	-2.1	-2.3
Israel .....	28.70	35.06	36.93	40.58	40.12	43.95	-18.1	-8.0	-4.6
Japan .....	36.39	39.45	42.54	42.99	43.44	47.61	-7.7	-4.3	-2.9
Korea, Republic of .....	40.94	43.52	49.38	48.48	47.10	50.65	-5.9	-3.4	-2.3
Other <sup>2</sup> .....	53.47	55.23	50.44	40.05	53.89	42.58	-3.2	-2	2.6
<b>Oceania &amp; Australia Total</b> .....	<b>44.82</b>	<b>-</b>	<b>52.95</b>	<b>44.93</b>	<b>44.89</b>	<b>-</b>	<b>-</b>	<b>*</b>	<b>-</b>
Other <sup>2</sup> .....	44.82	-	52.95	44.93	44.89	-	-	*	-
<b>Africa Total</b> .....	<b>41.93</b>	<b>53.49</b>	<b>50.17</b>	<b>53.46</b>	<b>48.90</b>	<b>45.74</b>	<b>-21.6</b>	<b>-3.8</b>	<b>-1.0</b>
Algeria .....	49.28	47.15	48.25	51.41	55.37	51.79	4.5	-2.9	-5
Egypt .....	48.43	61.98	48.05	56.54	58.83	50.36	-21.9	-4.7	-4
Morocco .....	29.42	-	34.80	33.81	37.40	37.18	-	-5.8	-2.6
South Africa, Rep of .....	52.07	53.08	53.05	53.64	54.61	53.92	-1.9	-1.2	-4
Other <sup>2</sup> .....	22.38	-	42.82	43.29	-	44.99	-	-	-7.5
<b>Total</b> <sup>3</sup> .....	<b>38.01</b>	<b>39.58</b>	<b>42.49</b>	<b>44.36</b>	<b>44.67</b>	<b>46.64</b>	<b>-4.0</b>	<b>-3.9</b>	<b>-2.2</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>38.47</b>	<b>40.24</b>	<b>42.87</b>	<b>44.70</b>	<b>44.93</b>	<b>46.73</b>	<b>-4.4</b>	<b>-3.8</b>	<b>-2.1</b>

<sup>1</sup> Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 2000.

<sup>3</sup> The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton (\$18.14 to \$54.43 per metric ton), inclusively.

<sup>4</sup> U.S. Total is the average price of all coal exports.

\* Data round to zero.

Note: Average price is based on the free alongside ship (f.a.s.) value.

Source: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545."

## Appendix C

# References

**Figure C1. Coal-Bearing Areas of the United States**



# Coal-Producing Regions

## *Appalachian*

Alabama, Georgia, Eastern Kentucky, Maryland, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia.

## *Interior*

Arkansas, Illinois, Indiana, Iowa, Kansas, Western Kentucky, Louisiana, Mississippi, Missouri, Oklahoma, Texas.

## *Western*

Alaska, Arizona, California, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, Wyoming.

**Table C1. Classification of Coals by Rank**

# Coal Reports and Feature Articles

## Coal Reports

- *Weekly Coal Production*, DOE/EIA-0218 (2001-17).
- *Coal Data: A Reference*, DOE/EIA-0064 (93), February 1995.
- *State Coal Profiles*, DOE/EIA-0576, January 1994.
- *Quarterly Coal Report*, DOE/EIA-0121(2000/4Q).
- *The Changing Structure of the U.S. Coal Industry: An Update*, DOE/EIA-0513(93), July 1993.
- *U.S. Coal Reserves: A Review and Update* DOE/EIA-0529(95), August 1996.
- *Annual Energy Outlook 2001*, DOE/EIA-0383(2000), December 2000.
- *Energy Policy Transportation Rate Study: Final Report on Coal Transportation* DOE/EIA-0597, October 2000.
- *Electric Power Monthly*, DOE/EIA-0226(2001/03), April 2001.
- *Electric Power Annual*, DOE/EIA-0348(99), Vol. 2, February 2000.
- *Longwall Mining*, DOE/EIA-TR-0588 March 1995.
- *Monthly Energy Review*, DOE/EIA-0035(2001/05) May 2001.

- *Short-Term Energy Outlook: Quarterly Projections January 2001*, DOE/EIA-0202(2001/2Q), April 2001.
- *Cost and Quality of Fuels for Electric Utility Plants 1999*, DOE/EIA-0191(99), May 2000.

## Feature Articles

- "U.S. Coal Supply and Demand: 2000 Review," *Mining Engineering*, May 2001, Vol.53, No.5, May 2000, pp.47-54.
- "Carbon Dioxide Emission Factors for Coal," *Quarterly Coal Report*, DOE/EIA-0121 (94/1Q), August 1994.
- "Federal and Indian Coal Lands: A Growing Source of Energy and Revenue," *Coal Production 1992*, DOE/EIA-0118(92), October 1993.
- "Wyoming Coal: An Overview," *Coal Production 1991*, DOE/EIA-0118(91), October 1992.
- "Profile of New Coal Mines in the 1980's," *Coal Production 1990*, DOE/EIA-0118), September 1991.
- "The Comparability of Resource and Reserve Data for Crude Oil, Natural Gas, Coal, and Uranium," *Quarterly Coal Report October-December 1994*, DOE/EIA-0121 (94/4Q) May 1995.
- "Coal Geology, Reserves and Production in Northern and Central Appalachia," *Mining Engineering*, Special Edition, December 1995.

# Appendix D

## Explanatory Notes

### Data Sources

All data in this report were collected by the Energy Information Administration (EIA), U.S. Department of Energy (DOE), except: import and export data, which were collected by the Bureau of the Census (Census Bureau), U.S. Department of Commerce; supplemental export data which were collected by King's Publishing Corporation, Knoxville, Tennessee; Federal and Indian land leasing data which were collected by the U.S. Department of the Interior (Bureau of Land Management and Minerals Management Service); and miner injury and fatality data which were collected by the U.S. Department of Labor (Mine Safety and Health Administration).

### Coal Surveys

As early as the 1880's, the U.S. Geological Survey began collecting coal data under a voluntary reporting system. The responsibility for gathering this information was transferred to the Bureau of Mines in the 1920's, initially under the U.S. Department of Commerce and later under the U.S. Department of the Interior, which published the data in its *Minerals Yearbook*. Except for a brief period from 1937 to 1943, when bituminous coal data were collected under the mandatory authority of the Bituminous Coal Act, the Bureau of Mines continued to conduct voluntary coal surveys until the Department of Energy was created.

### Coal Production Report (Form EIA-7A)

The Energy Information Administration (EIA) began collecting annual coal production data on October 1, 1977. The 1998 coal production and identification data in this report were collected on Form EIA-7A, "Coal Production Report," and the U.S. Department of Labor's Mine Safety and Health Administration's Form 7000-2, "Quarterly Mine Employment and Coal Production Report" from companies that produced, processed or prepared coal in 1998. All other data collected on Form EIA-7A are reported for only those companies that owned a mining operation that produced, prepared or processed 10,000 short tons or more of coal in 1998 and preparation plants with 5,000 or more employee hours.

So that the EIA may fulfill its data collection functions as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), response to this survey is mandatory. EIA compares respondents to this survey with lists of mining operations maintained by various State coal mining/licensing agencies and the Mine Safety and Health Administration (MSHA), U.S. Department of Labor, to identify new respondents. No sampling procedures are used. In 1998, there were 1,773 mining operations that produced, processed, or prepared 10,000 or more short tons of coal. All of the data were collected by mail and were edited to ensure that they were complete and accurate.

As in all surveys, data from Form EIA-7A, "Coal Production Report," are subject to various sources of error: (1) coverage (the list of respondents may not be complete or, on the other hand, there may be double counting), (2) nonresponse (all units that are surveyed may not respond or may not provide all the information requested), (3) respondents (respondents may commit errors in reporting the data), (4) processing (the data collection agency may lose or incorrectly transcribe the submissions), (5) concept (the data collection elements may not measure the items they were intended to measure), and (6) adjustment (errors may be made in estimating values for missing data).

Because the annual coal production survey (Form EIA-7A) is not a sample survey, the estimates shown in this report are not subject to sampling error.<sup>1</sup> It is

<sup>1</sup> Sampling error is a measure of the variation that occurs by chance because a sample rather than a complete enumeration of units is surveyed.

not possible to present estimates of nonsampling error, but precautionary steps were taken at each stage of the survey design to minimize the possible occur-

rence of these errors. These steps are described as follows.

The forms are logged within 24 hours of receipt and assigned to a team of data editors consisting of Coal

**Table D1. Interquartile Range and Average Mine Price by State and Mine Type, 2000**  
(Dollars per Short Ton)

Coal-Producing State and Region	Underground		Surface		Total	
	Average Mine Price	Interquartile Range	Average Mine Price	Interquartile Range	Average Mine Price	Interquartile Range
Alabama .....	\$33.97	\$22.54	\$30.75	\$4.36	\$33.37	\$11.09
Alaska .....	-	-	w	w	w	w
Arizona .....	-	-	w	w	w	w
Colorado.....	w	w	w	w	\$17.27	\$6.40
Illinois .....	\$22.65	\$2.98	\$23.79	\$3.07	22.78	2.76
Indiana.....	w	w	w	w	19.79	3.31
Kansas .....	-	-	w	w	w	w
Kentucky Total .....	\$24.31	\$3.46	\$22.97	\$4.14	\$23.80	\$3.97
Eastern.....	25.32	2.09	23.59	3.53	24.58	3.10
Western.....	21.42	1.85	17.91	2.17	20.69	4.47
Louisiana.....	-	-	w	w	w	w
Maryland .....	w	w	w	w	\$23.01	\$2.40
Mississippi .....	-	-	w	w	w	w
Missouri .....	-	-	w	w	w	w
Montana .....	-	-	\$8.87	\$4.02	\$8.87	\$4.02
New Mexico .....	-	-	20.87	1.31	20.87	1.31
North Dakota .....	-	-	8.35	.38	8.35	.38
Ohio.....	\$50.92	\$90.51	23.17	5.43	38.30	10.14
Oklahoma.....	w	w	w	w	25.21	2.02
Pennsylvania Total .....	\$22.85	\$1.45	\$27.30	\$6.52	23.84	1.64
Anthracite.....	34.27	2.09	41.32	62.56	40.90	55.20
Bituminous.....	22.80	1.45	22.63	5.25	22.77	1.48
Tennessee.....	w	w	w	w	27.04	.61
Texas .....	-	-	\$13.00	\$3.41	13.00	3.41
Utah.....	\$17.56	\$7.13	-	-	17.56	7.13
Virginia .....	26.10	1.46	25.61	4.95	25.95	3.76
Washington .....	-	-	w	w	w	w
West Virginia Total.....	25.79	5.67	\$24.67	\$2.51	\$25.37	\$5.03
Northern.....	22.55	6.96	23.26	1.05	22.64	6.31
Southern.....	27.39	3.04	24.81	2.42	26.22	4.00
Wyoming.....	w	w	w	w	5.50	1.16
<b>Appalachian Total<sup>1</sup> .....</b>	<b>\$26.65</b>	<b>\$5.28</b>	<b>\$24.78</b>	<b>\$4.59</b>	<b>25.99</b>	<b>4.61</b>
<b>Interior Total<sup>1</sup>.....</b>	<b>22.13</b>	<b>2.22</b>	<b>16.04</b>	<b>5.83</b>	<b>18.37</b>	<b>8.10</b>
<b>Western Total<sup>1</sup>.....</b>	<b>17.02</b>	<b>5.62</b>	<b>7.84</b>	<b>3.29</b>	<b>8.73</b>	<b>7.77</b>
<b>East of Miss. River .....</b>	<b>25.89</b>	<b>4.24</b>	<b>23.83</b>	<b>5.29</b>	<b>25.16</b>	<b>4.68</b>
<b>West of Miss. River .....</b>	<b>17.08</b>	<b>5.62</b>	<b>8.46</b>	<b>5.57</b>	<b>9.22</b>	<b>8.94</b>
<b>U.S. Total.....</b>	<b>24.73</b>	<b>6.17</b>	<b>12.46</b>	<b>15.11</b>	<b>16.78</b>	<b>18.31</b>

<sup>1</sup> For a definition of coal-producing regions, see Appendix C.

w Withheld to avoid disclosure of individual company data.

Note: Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons of coal during the year. Average Price is calculated by dividing the total free on board (f.o.b) mine value of the coal produced by the total production.

Sources: Energy Information Administration, Form EIA-7A, "Coal Production Report"; and/or U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

team personnel. The editors screen the forms for legibility, completeness, and consistency. Names and address changes are updated in the files. The reported data are compared with data from previous years. Inconsistencies are identified and the respondents contacted for clarification. Computer edits are generated to identify keypunch errors, errors made by coders, out-of-range codes, and unlikely data combinations. Errors are corrected to conform to the data on the submissions or revised after telephone conversations with the company representatives. All changes to reported data are documented. EIA maintains data

from the Form EIA-7A on an automated database at its computing facility in Washington, D.C. The survey forms are filed by EIA identification number organized by State and county.

The survey forms were sent via regular mail in January with a due date of April 2, 2001. Nonresponse letters were mailed April 11 to those mining operations that had not submitted their forms. Subsequent to the letter, attempts were made to contact, by telephone, those nonrespondents whose reported 2000 production was 100,000 short tons or more.

Some forms could not be delivered. Where possible, address corrections were obtained. Some mining operations that had reported in earlier surveys or operated only in 2000 were no longer in business.

Since 1992, California has not reported coal production as the courts determined that the product mined in that State did not meet the standard classification for coal.

Missing *coalbed classification*, *coalbed thickness*, and *coal rank/group* data were estimated using State mining agency production reports, geological data, and previous years' reports for these mines.

When a mine had a missing *disposition value*, its disposition was multiplied by the county-level average mine price to estimate the value. County-level average mine prices were calculated by dividing the total value for the appropriate disposition (open/captive) and the type of mining (underground or surface) by the corresponding total disposition. All missing disposition was classified as open market unless information was available to classify it as captive. Of those mines whose production was 10,000 or more short tons, value data were estimated for 129 mines, representing 1.2 percent (13.4 million short tons) of the disposition total.

When an underground mine had unreported *mining method*, it was assumed that the mining method was conventional.

Missing *recoverable coal reserves* data were estimated by using the mine's 1999 recoverable reserves minus the mine's 2000 production. If this calculation could not be made, the mine's projected production for 2001 was used. If recoverable coal reserves for 1999 and 2000 and projected production for 2001 were all missing, no estimate was made. In 2000, recoverable reserves were reported by or estimated for 1,045 mines, representing 1,056 million short tons, or 98.3 percent of the mines whose production exceeded 10,000 or more short tons.

Missing *recovery percentage* data were estimated by using 2000 recovery percentage averages at the State level for the appropriate type of mining (underground or surface).

Missing *productive capacity* data were estimated by assuming productive capacity was equal to 2000 production. If productive capacity was reported as less than annual production, productive capacity was equated to 2000 production. There were 312 in-scope mines with production of 144.3 million short tons for which 2000 production was used as a proxy for productive capacity, resulting in 100 percent capacity utilization.

These mines included those with productive capacity less than 1999 production, and mines that did not report productive capacity and could not be contacted. If these mines were excluded from the calculation of percent utilization, the U.S. total becomes 79.28 versus 82.04, when those mines are included.

In 2000, there were 13 mines that produced 2.3 million short tons of refuse bituminous and subbituminous coal. Those operations are not included in this report.

In order to protect the confidentiality of individual respondent's data, a policy was implemented to ensure that the reporting of survey data on mine prices and recoverable reserves in this publication would not associate those data with a particular company. The final phase in the data quality assurance and control procedures is determining which data must be suppressed (withheld) during publication to provide the necessary confidentiality for mines or companies that represent a significant portion of a reported data cell. All withholding analysis is done based upon production volumes. These procedures are performed as follows:

1. Primary Withholding Based on the Number of Respondents in a Cell -- All cells with three or fewer active coal mining operations are suppressed.
2. Residual Withholding Dominance Rule Phase 1  
All cells containing between 4 and 10 active coal mining operations are examined. A cell is suppressed if any single respondent accounts for 75 percent or more of the volume for all respondents included in that cell.
3. Residual Withholding Dominance Rule Phase 2  
All cells in which two active coal mining operations represent 90 percent or more of the volume for all respondents included in that cell are suppressed.
4. Complementary Suppression -- All tables are reviewed to identify cells which should have data withheld to prevent disclosure of already suppressed cells. An example of cells to be withheld during complementary suppression is underground price, if the surface price is withheld during primary or residual suppression. Because the total price is published, if the underground price is not withheld, the surface price could be calculated using the total price, the underground price, and the underground, surface, and total volumes.
5. Most complementary suppression involves type of mining considerations. Other complementary suppression is based on regional level data. A State or region must be withheld during complementary suppression because an already withheld State could be calculated using other States and the regional total. Cells are also selected for complementary suppression that represent the smallest volumes or that were withheld in prior years.
6. Inter-table effects are also examined regarding complementary suppression. For example, States that are withheld in one State table can influence the complementary suppression of an associated State table. This analysis is very similar to that done at the regional level, except that two tables are involved rather than one. Finally, similar tables are reviewed to ensure that all like suppressed cells are consistently withheld (suppressed) in all tables in which they appear.

The withholding/suppression of data is performed as an adjunct to the quality assurance (QA) procedures. The work is performed by survey editors, and the QA staff and is reviewed by the survey manager before being submitted to division-level QA review.

All sensitive cells identified in withholding analysis are denoted with the symbol/letter "w." The use of the symbol/letter applies to primary, complementary and inter-table suppressions as well as all withheld data. The symbol/letter "w" is footnoted as follows: "w Withheld to avoid disclosure of individual company data."

The interquartile range is a measure of dispersion of State-level average mine prices. Two States may have the same average mine price, but the spread about this price may be totally different. For a fixed average mine price, a larger interquartile range suggests a broader distribution of coal prices than a smaller interquartile range. The summary statistics (Table D2) given in this publication are weighted by production. The interquartile range (weighted by production) is computed in the following manner:

- Each cell is sorted according to average mine price, from the lowest to the highest.
- For each cell, the corresponding mine's production according to increasing average mine price is divided by that particular cell's total production and multiplied by 100. These percentages are then added as a cumulative percentage of production.
- The first quartile (Q1) is the associated mine price for which the cumulative percentage of production first passes 25 percent. Thus, at least 25 percent of that cell's total production is identified with prices at or lower than Q1.
- The third quartile (Q3), is the associated mine price for which the cumulative percentage of production first passes 75 percent. Thus, at least 75 percent of that cell's total production is identified with prices at or lower than Q3.

The interquartile range is Q3-Q1.

### **Quarterly Coal Consumption Report - Manufacturing Plants (Form EIA-3)**

Form EIA-3 is used to survey U.S. manufacturers that consume 1,000 tons or more of coal per year for all uses other than coke production. These data were collected on a monthly basis until 1980, when the reporting cycle was revised to a quarterly schedule. Data on manufacturers' coal stocks, receipts, prices, and consumption are reported.

Through the end of 1988, all manufacturers that consumed coal were required to file Form EIA-3. Beginning with the first quarter of 1989, only those manufacturers that consumed 1,000 or more tons in the past year were required to report. In 2000, 552 manufacturers responded to the EIA-3 survey. The response rate for the year was 100 percent. In order to identify undercoverage problems, the data from this

survey are compared with shipments to *manufacturers* reported on EIA's "Coal Distribution Report," Form EIA-6A. At present, the coal receipts reported by *manufacturers* on Form EIA-3 cover approximately 99 percent of the coal shipments to *manufacturers* on Form EIA-6A. Consequently, the coal consumption data gathered on the Form EIA-3 do not represent the total consumption at manufacturing plants. See Technical Note 5 for data adjustment procedures for coal consumption for the other industrial sector.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September issues of the *Quarterly Coal Report* (DOE/EIA-0121). In the October - December issue, any revisions necessary for the entire year are applied and the data are considered final.

The respondent list of manufacturers for Form EIA-3 is compared with lists of coal-consuming manufacturing plants from State Air Quality and Energy Offices. When new respondents are found, they are added to the survey mailing list.

### **Annual Coal Quality Report - Manufacturing Plants (Form EIA-3A)**

Form EIA-3A contains questions on the origin of coal (State or Country), the quantity of coal receipts, the Btu, sulfur and ash content of the coal receipts, and the basis used to determine the coal quality data. The threshold for the annual collection will be the same as for the EIA-3: manufacturing plants that consume in excess of 1,000 short tons of coal per year. In 2000, 552 manufacturers responded to the EIA-3A survey. The response rate for the year was 100 percent.

### **Coke Plant Report (Form EIA-5)**

Form EIA-5, a quarterly report of coal receipts, carbonization, and stocks, and of coke and breeze production, distribution, and stocks, is used to survey all U.S. coke plants.

Coke plants were surveyed monthly and a supplemental survey was taken annually until 1981, when the reporting cycle was revised to a quarterly schedule with an annual supplemental survey. In 1985, collection of the annual supplement was ended.

In 2000, there were 23 respondents to the EIA-5 survey, and the response rate was 100 percent. The respondent list for this survey is updated by continuous monitoring of the industry literature.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September issues of the *Quarterly Coal Report* (DOE/EIA-0121). In the October - December issue, any revisions necessary for the entire year are applied and the data are considered final.

## **Annual Coal Quality Report - Coke Plants (Form EIA-5A)**

This form contains questions on the origin of coal (State or country), the quantity of coal receipts, the volatile matter, sulfur and ash content, and the basis used to determine the coal quality data. There is no threshold for this form. In 2000, there were 23 respondents to the EIA-5A survey, and the response rate was 100 percent.

## **Coal Distribution Report (Form EIA-6A)**

Form EIA-6A is used to survey all U.S. companies (producers and/or distributors) that own or purchase and distribute more than 50,000 short tons annually.<sup>2</sup> Data on coal production and purchases, distribution by consumer category, and method of transportation are reported.

In 2000, there were about 920 respondents to the EIA-6A survey. Until the end of 1988, coal distribution companies were required to report production on a Bureau of Mines district basis. For the year 1989, respondents were required to report on a BOM district/State basis. Beginning with the first quarter of 1990, respondents were required to report on a State basis. The response rate for the current quarter was 100 percent. The annual production total reported on Form EIA-6A exceeds 99 percent of total production as reported by all mines on Form EIA-7A, "Coal Production Report," due to the difference in reporting thresholds. The data gathered on the Form EIA-6A only represent the domestic coal distributed; therefore, imported coal distributed during the quarters is not included.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September issued of the *Quarterly Coal Report* (DOE/EIA-0121). In the October - December issue, any revisions necessary for the entire year are applied and the data are considered final.

The respondent list for this survey is updated by comparing it with lists of coal producers from the Mine Safety and Health Administration (MSHA), U.S. Department of Labor, and from similar lists maintained by various State agencies. Also, new respondents are frequently identified on Form EIA-6A itself when other companies are named as sources of coal purchases.

## **Electric Utility Surveys**

Coal data appear in this report from three surveys of electric utilities --from all generating electric utilities and from fossil-fueled plants.

The Census Bureau collected and published the results of a census taken every 5 years from 1902 to 1937 on the electric light and power industries and some data on industrial production of electric energy. The U.S. Geological Survey collected data on capacity and generation of electric utilities from 1920 to 1936, when this activity was turned over to the Federal Power Commission (FPC).

All data are presented as reported on the surveys. No estimates or other adjustments are made for missing data. The data are maintained in a computer system and are edited to ensure that they are reasonable, consistent, and complete. For additional information from these surveys and for other electric utility data, see the EIA publication, *Electric Power Monthly* (DOE/EIA-0226).

## **Monthly Power Plant Report (Form EIA-759)**

Form EIA-759 (which, until 1982, was called FPC Form 4) is used to survey all generating electric utilities. The Federal Power Act and FPC Order Number 141 define the legislative authority to collect power production data. Consumption and stocks of coal and other fuels at each plant are reported. The respondents to Form EIA-759, approximately 700 plants, accounted for 100 percent of total electric utility generation.

Beginning with the 1996 data collection, the Form EIA-759 is a cutoff model sample of approximately 360 electric utilities drawn from the frame of all operators of electric utility plants (approximately 700 electric utilities) that generate electric power for public use. Data will be collected on an annual basis from the remaining operators of electric utility plants. The new monthly data collection is from all utilities with at least one plant with a name-plate capacity of 25 megawatts or more. (Note: includes all nuclear units). However, the few utilities that generate electricity by using renewable fuel sources other than hydroelectric are all included in the sample. The Form EIA-759 is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the-month stocks of coal and petroleum for each plant by fuel-type combination.

Current year data from this survey are considered final.

<sup>2</sup> For the States of Arkansas, Maryland, Oklahoma, and the anthracite portion of Pennsylvania, the threshold is 10,000 tons.

## **Monthly Report of Cost and Quality of Fuels for Electric Plants (FERC Form 423)**

Federal Energy Regulatory Commission (FERC) Form 423 is used to survey all fossil-fueled plants with a total steam-generating capacity of 50 megawatts or more. It is submitted by approximately 230 electric utilities. (Before 1983, this form was called FPC Form 423, and all fossil-fueled plants with a total generating capacity of 25 megawatts or more were surveyed.) In 1972, the FPC issued Order Number 453, which included the legislative authority to create FERC Form 423. Cost, quality, and source of fuels (by State or country of origin), including coal, are reported. Current year data from this survey are considered final.

## **Annual Nonutility Power Producer Report (Form EIA-867)**

The Form EIA-867 is a restricted-universe census used to collect annual data from all existing and planned nonutility power producers in the United States during the years 1993 through 1997. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. For the purpose of this data collection, a nonutility power producer is an enterprise that has electric generating capacity and is not an electric utility. They include qualifying cogenerators, qualifying small power producers, and other nonutility generators (including independent power producers) without a designated franchised service area. The form is used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities from approximately 2,000 facilities.

## **Annual Electric Generator Report - Nonutility (Form EIA-860B)**

The Form EIA-860B is a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. The form is used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities and other nonutilities by facility. Additionally, the form is used to collect data on the quality of fuels burned and the types of environmental equipment used by the respondent. These data are aggregated to provide geographic totals for selected States and at the Census division and national levels.

## **Export and Import Data**

Export and import data (except imports to electric utilities, manufacturing plants and coke plants, which are reported on the FERC Form 423, EIA-3A, and EIA-5A, respectively.) are obtained from the Census Bureau--export data from the monthly EM 545 (formerly EM 522) report, import data from the monthly IM 145 report. The Census Bureau compiles these data monthly from documents filed with the U.S. Customs Service as required by law. They include shippers' export declaration forms, import entry forms, and warehouse withdrawal forms. No sampling procedures are used. The Census Bureau publication *Guide to Foreign Trade Statistics* describes the foreign trade statistics program, including the EM 545 and IM 145 monthly reports. Data from these surveys are considered final at the time of publication.

Foreign distribution of U.S. coal, major exporting State, and destination, along with foreign distribution of metallurgical and steam coal (Tables 60, 61, and 62, respectively), was determined using EIA-6A distribution data by origin State, and coal export data from King's COALBASE (King Publishing Corporation, Knoxville, Tennessee) which gives the metallurgical and steam breakdown as well as the country destination data. The percentage of metallurgical and steam coal for each country of destination are applied to the EIA-6A export figures for each State of origin to derive coal distribution data that link State of origin to countries of destination by type of coal. The King's destination country data are considered to be more accurate than the Census country-of-destination data because it account for transshipments through intermediate countries to final destination countries, whereas the Census data would designate the destination as the intermediate country.

Copies of the survey forms and instructions used to collect data appearing in this publication can be obtained by calling EIA's National Energy Information Center at (202) 586-8800.



# Technical Notes

## 3. Residential and Commercial

To reduce the reporting burden to coal users, the EIA does not conduct any survey of coal data from residential and commercial users of coal. Shipments of coal to this sector, reported by producers and distributors of coal on Form EIA-6A, are equated to coal receipts and consumption by the *residential and commercial* sector, assuming no stock changes.

## 4. Consumer Prices

Prices are derived for each end-use sector as follows:

**Electric Utilities.** Prices are reported for each plant in cents-per-million Btu on FERC Form 423. The price per ton of coal is calculated at each plant using cents-per-million Btu and the average Btu content per pound of coal for the appropriate rank of coal. The average prices appearing in the tables (e.g., across all States) are calculated by summing the dollar value at each plant (short tons of coal multiplied by price per short ton) and dividing by the corresponding total tons. For more information about prices of coal at *electric utilities*, see the EIA publication, *Electric Power Monthly* (DOE/EIA-0226).

**Coke Plants.** Respondents are asked to report the number of tons of coal received (or coke distributed) on Form EIA-5 and the total value of that coal (or coke) in dollars. Average prices are calculated by summing the reported values (e.g., across all States) and dividing by the corresponding total tons.

**Other Industrial Plants.** Respondents (manufacturing plants only) are asked to report the number of tons of coal received on Form EIA-3 and the total value of that coal in dollars. Average prices are calculated by summing the reported values across all States and dividing by the corresponding total tons.

**Residential and Commercial.** Data are not collected. See Technical Note 3.

## 1. Differences in Related Coal Data

**Coal Production versus Coal Distribution.** Coal production represents newly mined coal. Coal distribution represents shipments of newly mined coal and coal from producer/distributor stockpiles (previously mined coal).

**Coal Distribution versus Coal Receipts.** Differences in coal distribution data and coal receipts data are due to the time lag between distribution and receipt of coal shipments, and due to the survey threshold differences. In addition, coal distributed includes only domestic coal, whereas receipts include imported coal.

**Foreign Distribution of U.S. Coal versus U.S. Coal Exports.** Foreign distribution of U.S. coal does not equal U.S. coal exports because there are differences in reporting time and survey thresholds.

**Receipts of Imported Coal versus U.S. Coal Imports.** Receipts of imported coal at electric utilities and manufacturing and coke plants does not equal U.S. coal imports due to reporting time differences. In addition, it does not include receipts at independent power producers.

## 2. Other Industrial Plants and Manufacturing

The *other industrial plants* end-use sector includes the *manufacturing*, agriculture, forestry and fishing, mining, and construction industries. Manufacturing accounts for approximately 97 percent of the coal receipts and consumption and 100 percent of the coal stocks in the *other industrial plants* sector as reported herein. Data sources for the *other industrial plants* sector and the *manufacturing* sector are Forms EIA-6A and EIA-3, respectively. The source statement in each table identifies the survey used to collect coal data for the *other industrial plants* sector, and the following technical notes describe the methodology used for deriving data.

## 5. Consumption

### Annual Data

Annual coal consumption data are sums of quarterly or monthly data described below except for nonutility power producers whose coal consumption is not included in this report. These data are however, reported on Form EIA-867 and published in the *Electric Power Annual* (DOE/EIA-0348).

**Electric Utilities.** Consumption is reported on Form EIA-759.

**Nonutility Electric Generating Facilities.** For 1997 and prior years, consumption is reported on Form EIA-867. For 1998 and forward years, consumption data is reported on the Form EIA-860B.

**Coke Plants.** Consumption is reported on Form EIA-5.

**Other Industrial Plants.** In deriving a quarterly estimate for coal consumption for the **other industrial plants** sector, the first step is to equate consumption to beginning stocks plus receipts minus ending stocks. In terms of an equation, consumption can be expressed as  $C = Sb + R - Se$ , where  $Sb$  = beginning stocks,  $R$  = receipts, and  $Se$  = ending stocks.

Therefore, consumption is  $C = (Sb - Se$  (change in stocks)) +  $R$ . Next, stock change at the State level is equated to the stock change for that State as reported on Form EIA-3, receipts at the State level are derived as described in Section 3, and a computed consumption is derived using the same equation for each State. Finally, the quarterly consumption ( $C$ ) at the State level is equated to the maximum of the computed consumption at the State level, as previously described, and the quarterly consumption for that State as reported on Form EIA-3. This process ensures that State-level consumption for the **other industrial plants** sector is always greater than or equal to the **manufacturing** sector consumption for that State. Total quarterly consumption for the **other industrial plants** sector is computed by summing the quarterly State-level consumption figures.

**Residential and Commercial.** Shipments to the **residential and commercial** sector as reported on Form EIA-6A are defined as consumption as well as receipts for this end-use sector.

EIA publishes monthly estimates of coal consumption in the *Monthly Energy Review* (DOE/EIA-0035).

Monthly coal consumption at electric utility plants is derived directly from Form EIA-759. Prior to 1980, monthly coal consumption at coke plants was derived directly from Form EIA-5. For 1981 through 1987, it was derived from the quarterly coal consumption reported on Form EIA-5, using the ratios of monthly to quarterly consumption in 1979, the last year that coke plant data were collected monthly on Form EIA-5. These ratios by month (January - December)

are 0.3377, 0.3200, 0.3423; 0.3529, 0.3462, 0.3009; 0.3364, 0.3347, 0.3289; and 0.3273, 0.3301, 0.3426.

Starting with 1988, monthly coal consumption at coke plants is derived from quarterly coal consumption reported on Form EIA-5, using ratios derived from monthly data on raw steel production published by the American Iron and Steel Institute (AISI) on Form AIS7. The ratio is the proportion of monthly raw steel production from open hearth and basic oxygen process furnaces to the quarterly raw steel production from those furnace types.

Prior to 1978, coal consumption for the **other industrial plants** sector (i.e., industrial users minus coke plants) was derived by using monthly data reported on Form EIA-3 to modify baseline coal consumption figures from the most recent Census of Manufactures or Annual Survey of Manufactures, Bureau of the Census, U.S. Department of Commerce. For 1978 through 1987, data from Forms EIA-3 and EIA-6A are used to compute monthly coal consumption for the **other industrial plants** sector.

Given the quarterly consumption for the **other industrial plants** sector ( $C$ ), the monthly consumption for the sector ( $C_m$ ) is estimated for each month in the quarter as  $C_m = (C_m3/C3) \times C$  where  $C_m3/C3$  is the ratio of monthly to quarterly coal consumption as reported on Form EIA-3. For the 1978 coal consumption figures, the ratios used are based on 1978 EIA-3 data. For 1979 through 1987, the ratios used are based on the 1979 EIA-3 data. These 1979 ratios by month (January - December) are 0.3593, 0.3264, 0.3143; 0.3485, 0.3332, 0.3183; 0.3317, 0.3407, 0.3276; and 0.3045, 0.3253, 0.3702.

Starting with 1988, monthly coal consumption for the other industrial plants sector is derived from quarterly coal consumption reported on Form EIA-3 using monthly ratios derived from the industrial production indices published by the Board of Governors of the Federal Reserve System. Six major industry groups' indices are used as the basis for calculating the monthly ratios. These groups are food manufacturing (North American Industry Classification System (NAICS 311), paper manufacturing (NAICS 322), chemicals manufacturing (NAICS 325), petroleum and coal products (NAICS 324), nonmetallic mineral products (NAICS 327) and primary metal manufacturing (NAICS 331).

The monthly ratios are computed as the monthly sum of weighted indices as a proportion of the quarterly sum of weighted indices, using the 1985 proportion as the weight.

Prior to 1980, monthly coal consumption for the **residential and commercial** sector was derived by using monthly data reported on Form EIA-2, "Monthly Coal Report -- Retail Dealers and Upper Lake Docks," to modify baseline coal consumption figures developed by the Bureau of Mines, U.S. Department of the Interior.

For 1980, the quarterly coal consumption figures in the **residential and commercial** sector are converted

to monthly coal consumption figures using the ratios of monthly to quarterly coal deliveries to this sector in 1979 as reported on Form EIA-2. These 1979 ratios by month (January-December) are 0.4002, 0.3502, 0.2496; 0.4805, 0.2901, 0.2294; 0.3126, 0.2952, 0.3922; and 0.2931, 0.3101, 0.3968. The 1981 and 1982 monthly coal consumption figures were derived using the 1979 ratios but were also modified according to heating/cooling degree-days. For 1983 through 1987, coal consumption figures are converted to monthly coal consumption figures using only the ratios of monthly to quarterly coal deliveries to this sector in 1979.

Starting with 1988, monthly coal consumption figures are derived using the monthly national average population weighted heating/cooling degree-days obtained from the National Oceanic and Atmospheric Administration. The ratio is the proportion of the monthly national sum of heating and cooling degree-days to the quarterly sum.

## 6. Stocks

Annual stocks are calculated at the end of the year or the end of the fourth quarter. Coal stocks are derived for each end-use sector as follows:

**Electric Utilities.** Stocks are reported on Form EIA-759.

**Coke Plants.** Stocks are reported on Form EIA-5.

**Other Industrial Plants.** Stocks are reported on Form EIA-3, i.e., stocks at *manufacturing* plants only. Technical Note 2 discusses the difference between *other industrial plants* and *manufacturing plants*.

**Residential and Commercial.** Data are not available. See Technical Note 3.

**Producer and Distributor.** Stocks are reported on Form EIA-6A.

## 7. Methods of Transportation

**Rail:** Shipments of coal moved to consumers by rail, either private or public/commercial. Included is coal hauled to or away from a railroad siding by truck.

**Water Transportation:** Shipments of coal moved by one of the three methods--river, Great Lakes, or tidewater piers and coastal ports. Included in these shipments is coal hauled to or from water loading facilities by other means of transportation.

**River:** Shipments of coal moved to consumers via river by barge, except shipments to Great Lakes

coal loading docks or tidewater piers or coastal ports.

**Great Lakes:** Shipments of coal moved to consumers via the Great Lakes. These shipments are moved via the Great Lakes coal loading docks, which are identified by name and locations as follows: Superior Midwest Energy Terminal, Superior, Wisconsin; Bessemer & Lake Erie Coal Storage & Transfer Facility, Conneaut, Ohio; B&O Railroad Coal Loading Dock, Lorain, Ohio; C&O Railroad Presque Isle Docks, Toledo, Ohio; Lakefront Dock & Railroad Terminal Company Coal Loading Dock, Toledo, Ohio; N&W Sandusky Coal Pier No. 3, Sandusky, Ohio; ConRail Coal Transfer Facilities, Ashtabula, Ohio; Rail to Water Transfer Corporation Dock, Chicago, Illinois.

**Tidewater Piers and Coastal Ports:** Shipments of coal moved to tidewater piers and coastal ports for further shipments to consumers via coastal water or ocean. The tidewater piers are identified by name and location as follows: B&O Curtis Bay Coal Piers, Baltimore, Maryland; C&O Coal Piers Nos. 14 & 15, Newport News, Virginia; N&W Lamberts Point Coal Piers Nos. 5 & 6, Norfolk, Virginia; Alabama State Docks Bulk Handling Plant, Mobile, Alabama; Alabama State Docks/McDuffie Terminals, Mobile, Alabama; Canton Coal Piers, Baltimore Harbor on the Chesapeake Bay; Greenwich Coal Pier, Greenwich Point, Philadelphia, Pennsylvania, on Delaware River; Port Richmond Pier, Pier 18 Port Richmond, Philadelphia, Pennsylvania, on the Delaware River; Galveston Regional Coal Distribution Center, Pelican Island, Galveston, Texas; International Marine Terminals/Plaquemines Parish Terminal, Mile 57 AHP-Mississippi River, approximately 30 miles south of New Orleans; Energy Terminals of Houston, Inc., a Subsidiary of Soros Associates, Houston, Texas. Coastal Ports are those located at Charleston, South Carolina; New York, New York; San Diego, California; Los Angeles, California; and Seattle, Washington.

**Truck:** Shipments of coal moved to consumers by truck.

**Tramway, Conveyor, or Slurry Pipeline:** Shipments of coal moved to consumers by tramway, conveyor, or slurry pipeline.

## 8. Census Export and Import Data

Export and import data are obtained from the Bureau of the Census, U.S. Department of Commerce, where they are compiled monthly from documents filed with the U.S. Customs Service, as required by law.

Each coal shipment is reported in short tons with corresponding total dollar values. EIA converts all value data obtained from the Census Bureau to average price data by dividing the dollar value by the quantity.

Based on an analysis and sample validation of the Census Bureau import and export data conducted by the EIA, it was determined that some of the coal and coke data collected from the Census Bureau may be misleading or incorrect (particularly those data associated with very small quantities or very high prices). Because of this, a methodology was developed to edit the Census Bureau price data.

Prior to 1989, certain data cells had been suppressed for publication purposes only: (1) average import coal prices of \$50.00 or more per short ton; (2) average export coal prices of \$60.00 or more per short ton; (3) average coke prices of \$200.00 or more per short ton; (4) all percent changes of 500 percent or more.

Beginning with 1989, coal export data were categorized as metallurgical coal and steam coal, rather than as bituminous steam coal, lignite, anthracite, and bituminous metallurgical coal.

In addition, coal export tables were revised to present those countries to which the United States exported more than 50,000 short tons in the prior calendar year. The remaining countries in each continent were aggregated in an "other" category. This reduces the number of empty cells and highlights the major importers of U.S. coal. All coke export and import, and coal import countries and quantities are displayed.

The following methodology was used to derive the typical average prices as presented in the price tables. For all coal, a price distribution was derived from the prior calendar year export price data. Since extreme price variations in the Census Bureau data are the exception rather than the rule, the price distribution was used to identify a typical price range. The price distribution, from low to high, along with the frequency of each price (quantity) was analyzed to determine the representative prices. The extreme prices at both ends of the distribution were eliminated to arrive at a price range that covered at least 90 percent of the exports. This price range was considered to include typical or representative prices. Considering the records that fell within the typical price range, the weighted average price was calculated by country of destination and type of coal.

The same procedure was used to determine the typical average prices of coal imports. In addition to the average prices based on the above methodology, a U.S. total row is presented in the price tables, which represents the average price using all the Census Bureau data.

For reporting purposes, the month of exportation reflects the month in which the shipment leaves the United States. The month of importation generally is based on the month in which the U.S. Customs Service releases the merchandise to the importer. For both sets of data, however, there can exist a small carry-over from the actual month of exportation or importation to a subsequent month, usually the succeeding month. A number of factors in processing account for this, e.g., late receipt of a document for an end-of-month shipment, or rejection of a shipment by

the computer due to failure to meet established edit criteria. These limitations should be considered when making comparisons.

Based on the U.S. - Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

Comparing Census reported imported coal figures in Table 35 with EIA reported imported coal receipts at electric utilities, manufacturers, and coke plants for 1997 shows a difference of about 1.3 million short tons. The main reason for this is that the EIA receipts data do not cover imported coal received by nonutility power producers who are not in the manufacturing sector.

The import data for the years 1994 through 1996 have been revised. These revisions were done because of a missed "Harmonized Tariff Schedule" code for a category of coal.

## 9. Revisions

All data published in this report are considered final. The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by this office are published either as preliminary or final when first appearing in a data report. Data initially released as preliminary will be so noted in the report. These data will be revised, if necessary, and declared final in the next publication of the data.
2. All monthly and quarterly survey data collected by this office are published as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this.
3. After data are published as final, corrections will be made only in the event of a greater than one percent difference at the national level. Corrections for differences that are less than the 1-percent threshold are left to the discretion of the Office Director.

## 10. Price Data and Taxes

F.O.B. mine coal prices and prices of coal delivered to or received by end-use consumers (electric utility plants, manufacturing plants, and coke plants) as reported in this publication include relevant local, State and Federal excise and sales taxes.

**Table D2. Implicit Price Deflator,  
1991-2000**

<b>Year</b>	<b>Implicit Price Deflator (1996 = 100)</b>
1991	89.7
1992	91.8
1993	94.1
1994	96.0
1995	98.1
1996	100.0
1997 <sup>R</sup>	102.0
1998 <sup>R</sup>	103.2
1999 <sup>R</sup>	104.8
2000	106.9

<sup>R</sup> Revised.

Source: Bureau of Economic Analysis, U.S. Department of Commerce, *Survey of Current Business*.

# Glossary

**Agglomerating Character:** Agglomeration describes the caking properties of coal. Agglomerating character is determined by examination and testing of the residue when a small powdered sample is heated to 950 degrees centigrade under specified conditions. If the sample is "agglomerating," the residue will be coherent, show swelling or cell structure, and be capable of supporting a 500-gram weight without pulverizing.

**Anthracite:** A hard, black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. Comprises three groups classified according to the following ASTM Specification D388-91a, on a dry mineral-matter-free (mmf) basis:

	Fixed Carbon Limits		Volatile Matter	
	GE	LT	GT	LE
Meta-Anthracite	98	-	-	2
Anthracite	92	98	2	8
Semianthracite	86	92	8	14

GE = Greater than or equal to  
 LT = Less than  
 GT = Greater than  
 LE = Less than or equal to

Anthracite coal is non-agglomerating. If agglomerating, semianthracite is classified in the low-volatile group of the bituminous class.

**Ash:** Impurities consisting of silica, iron, alumina, and other incombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect the burning characteristics. Ash content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

**Auger Mine:** A surface mine where coal is recovered through the use of a large-diameter drill driven into a coalbed in a hillside. It usually follows contour surface mining, particularly when the overburden is too costly to excavate.

**Average Annual Percent Change:**

$$\sqrt[n]{\frac{V_n}{V_0}} - 1 \quad (1)$$

Where:  $V_0$  = the value for the base period.  
 $V_n$  = the value for the  $n^{th}$  period.

$n$  = the number of periods.

**Average Mine Price:** The ratio of the total value of the coal produced at the mine to the total production tonnage. (See F.O.B. mine price and F.O.B rail/barge price.)

**Average Number of Miners:** The arithmetic mean number of miners working each day at a mining operation. Includes maintenance as well as production work performed.

**Average Production per Miner per Hour:** The ratio of the total production at a mining operation to the total direct labor hours worked at the operation.

**Average Quality of Coal:** Refers to individual measurements such as heat value, fixed carbon, moisture, ash, sulfur, phosphorus, major, minor, and trace elements, coking properties, petrologic properties, and particular organic constituents. The individual quality elements may be aggregated in various ways to classify coal for such special purposes as metallurgical, gas, petrochemical, and blending usages.

**Average Recovery Percentage:** Average recovery percentage represents the percentage of coal that can be recovered from coal reserves at reporting mines, averaged for all mines in the reported geographic area.

**Bituminous Coal:** The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content is usually less than 20 percent. It is used for generating electricity, making coke, and for space heating. Comprises five groups classified according to ASTM Specification D-388-91a, on a dry mineral-matter-free mmf basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value. Coals having 69 percent or more fixed carbon on the dry, mineral-matter-free basis shall be classified according to fixed carbon, regardless of calorific (heating) value. High-volatile C bituminous coal is agglomerating, but other bituminous coals are commonly agglomerating. However, it is recognized that there may be nonagglomerating varieties in these groups of the bituminous class, and there are notable exceptions in the high-volatile C bituminous group. Coals with less than 69 percent fixed carbon, but with 14,000 or more Btu per pound, are classified as high-volatile A bituminous.

	Fixed Carbon Limits		Volatile Matter Limits		Calorific Value Limits Btu/lb.	
	GE	LT	GT	LT	GE	LE
lv	78	86	14	22	-	-
mv	69	78	22	31	-	-
hvA	-	69	31	-	14000	-
hvB	-	-	-	-	13000	14000
hvC	-	-	-	-	10500	13000
lv	= Low-volatile bituminous coal					
mv	= Medium-volatile bituminous coal					
hvA	= High-volatile A bituminous coal					
hvB	= High-volatile B bituminous coal					
hvC	= High-volatile C bituminous coal					
GE	= Greater than or equal to					
LT	= Less than					
GT	= Greater than					
LE	= Less than or equal to					

**Btu (British thermal unit):** The amount of heat needed to raise the temperature of 1 pound of water by 1 degree Fahrenheit. The Btu is a convenient measure by which to compare the energy content of various fuels.

**Cannel Coal:** A variety of bituminous coal that is noncaking, contains a high percentage of volatile matter, ignites easily, and burns with a luminous smokey flame.

**Capacity Utilization:** Capacity utilization is computed by dividing production by productive capacity and multiplying by 100.

**Captive Coal:** Coal produced and consumed by the mine operator, a subsidiary, or parent company (for example, steel companies and electric utilities).

**Carbon Dioxide:**  $CO_2$  A colorless, odorless, incombustible gas formed during combustion in fossil-fuel electric generation plants.

**Census Divisions:** The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce for statistical analysis. The boundaries of Census divisions coincide with State boundaries. In some cases, the Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

**CIF:** See Cost, Insurance, Freight.

**Coal Carbonized:** The amount of coal decomposed into solid coke and gaseous products by heating in a coke oven in a limited air supply or in the absence of air.

**Coal (Coke):** See Coke (coal).

**Coal Mining Productivity:** Coal mining productivity is calculated by dividing total coal production by the total direct labor hours worked by all mine employees.

**Coal Preparation:** The process of sizing and cleaning coal to meet market specifications by removing impurities such as rock, sulfur, etc. May include crushing, screening, or mechanical cleaning.

**Coal-Producing Regions:** A geographic classification of coal-producing States. The States in the Appalachian Region are Alabama, Georgia, eastern Kentucky, Maryland, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. The States in the Interior Region are Arkansas, Illinois, Indiana, Iowa, Kansas, western Kentucky, Louisiana, Missouri, Oklahoma, and Texas. The States in the Western Region are Alaska, Arizona, California, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, and Wyoming.

**Coal-Producing States:** The States where mined and/or purchased coal originates are defined as follows: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky Eastern, Kentucky Western, Louisiana, Maryland, Missouri, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania anthracite, Pennsylvania bituminous, Tennessee, Texas, Utah, Virginia, Washington, West Virginia Northern, West Virginia Southern, and Wyoming. The following Coal-Producing States are split in origin of coal, as defined below:

- **Kentucky, Eastern** All mines located in counties other than the Western Kentucky counties.
- **Kentucky, Western** All mines in the following counties in Western Kentucky: Butler, Caldwell, Christian, Crittenden, Daviess, Edmonson, Grayson, Hancock, Henderson, Hopkins, Logan, McLean, Muhlenberg, Ohio, Simpson, Todd, Union, Warren, and Webster.
- **Pennsylvania Anthracite** All mines in the following counties: Carbon, Columbia, Dauphin, Lackawanna, Lebanon, Luzerne, Northumberland, Schuylkill, Sullivan, and Susquehanna. All anthracite mines in Bradford County.
- **Pennsylvania Bituminous** All mines located in counties other than the Pennsylvania anthracite counties and all bituminous mines in Bradford County.
- **West Virginia, Northern** All mines in the following counties (formerly defined as Coal-Producing Districts 1, 3, & 6): Barbour, Brooke, Braxton, Calhoun, Doddridge, Gilmer, Grant, Hancock, Harrison, Jackson, Lewis, Marion, Marshall, Mineral, Monongalia, Ohio, Pleasants, Preston, Randolph, Ritchie, Roane, Taylor, Tucker, Upshur, Webster, Wetzel, Wirt, and Wood.
- **West Virginia, Southern** All mines in the following counties (formerly defined as Coal-Producing Districts 7 & 8): Boone, Cabell, Clay, Fayette, Greenbrier, Kanawha, Lincoln, Logan, Mason, McDowell, Mercer, Mingo, Monroe, Nicholas, Pocahontas, Putnam, Raleigh, Summers, Wayne, and Wyoming.

**Coal Rank/Group:** A classification of coal based on fixed carbon, volatile matter, calorific (heating) value, and agglomerating character. Coal is ranked progressively from lignite (least carbonaceous) to anthracite (most carbonaceous). The rank of coal can also deter-

mined by measuring the reflectance of vitrinite, one of several organic components of coal. The lower rank coal can be classified based on heat content. The heat content of the higher rank coals is generally above 14 thousand Btu per pound for each coal rank group (except for meta-anthracite, which trends slightly lower), and heat content ranges vary within a relatively narrow range. Since heat content is not a dependable criterion for these higher rank coals, their rank categories are instead described by degree of metamorphism, or "coalification," a property that is measured by fixed carbon content. Finally, the agglomerating character of bituminous coals is a critical attribute for certain coal consumers, and thus agglomerating character has come to define the distinctions between certain adjacent coal groups. Some high-volatile C bituminous and subbituminous A coals can be distinguished only on the basis of agglomerating character. Percentages are based on dry mineral-matter-free coal. Volatile matter (not shown) is the complement of fixed carbon; that is, the percentages of fixed carbon and volatile matter sum to 100 percent. As fixed carbon percentage decreases, therefore, volatile matter percentage increases by the same amount.

**Coal Stocks:** The supply of coal at a mine, plant, or utility at the end of the reporting period.

**Coalbed:** A bed or stratum of coal. Also called a coal seam.

**Cogenerator:** A generating facility that produces electricity and another form of useful thermal energy (such as heat or steam) used for industrial, commercial, heating, and cooling purposes. To receive status as a qualifying facility (QF) under the Public Utility Regulatory Policies Act (PURPA), the facility must produce electric energy and "another form of useful thermal energy through the sequential use of energy," and meet certain ownership, operating, and efficiency criteria established by the Federal Energy Regulatory Commission (FERC). (See the Code of Federal Regulation, Title 18, Part 292.)

**Coke (coal):** In general, coke is made from bituminous coal (or blends of bituminous coal) from which the volatile constituents are driven off by baking in an oven at temperatures as high as 2,000 degrees Fahrenheit, so that the fixed carbon and ash are fused together. Coke is hard and porous, has a gray, submetallic luster, and is strong enough to support a load of iron ore in a blast furnace. It is used both as a fuel and a reducing agent in smelting iron ore in a blast furnace. Coke has a heating value of 24.8 million Btu per short ton.

**Coke Plants:** Plants where coal is carbonized in slot or beehive ovens for the manufacture of coke.

**Continuous Mining:** A form of room-and-pillar mining in which a continuous mining machine extracts and removes coal from the working face in one operation; no blasting is required.

**Conventional Mining:** The oldest form of room-and-pillar mining which consists of a series of operations

that involve cutting the coalbed so it breaks easily when blasted with explosives or high-pressure air, and then loading the broken coal.

**Cost, Insurance, Freight (CIF):** A type of sale in which the buyer of the product agrees to pay a unit price that includes the F.O.B. value of the product at the point of origin plus all costs of insurance and transportation. This type of transaction differs from a "delivered" purchase in that the buyer accepts the quantity as determined at the loading port (as certified by the Bill of Lading and Quality Report) rather than pay on the basis of the quantity and quality ascertained at the unloading port. It is similar to the terms of an F.O.B. sale, except that the seller, as a service for which he is compensated, arranges for transportation and insurance.

**Crude Oil:** A mixture of hydrocarbons that exists in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface-separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite and oil shale. Drip gases are also included, but topped crude (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable. Crude oil is considered as either domestic or foreign, according to the following: or from its "outer continental shelf" as defined in 43 U.S.C. 1331. States. Imported Athabasca hydrocarbons are included.

**Culm:** Waste from Pennsylvania anthracite preparation plants, consisting of coarse rock fragments containing as much as 30 percent small-sized coal; sometimes defined as including very fine coal particles called silt. Its heat value ranges from 8 to 17 million Btu per short ton.

**Customs District:** Customs districts, as defined by the Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545," are as follows

- **Eastern:** Bridgeport, CT, Washington, DC, Boston, MA, Baltimore, MD, Portland, ME, Buffalo, NY, New York City, NY, Ogdensburg, NY, Philadelphia, PA, Providence, RI, Norfolk, VA, St. Albans, VT.
- **Southern:** Mobile, AL, Savannah, GA, Miami, FL, Tampa, FL, New Orleans, LA, Wilmington, NC, San Juan, PR, Charleston, SC, Dallas-Fort Worth, TX, El Paso, TX, Houston-Galveston, TX, Laredo, TX, Virgin Islands.
- **Western:** Anchorage, AK, Nogales, AZ, Los Angeles, CA, San Diego, CA, San Francisco, CA, Honolulu, HI, Great Falls, MT, Portland, OR, Seattle, WA.
- **Northern:** Chicago, IL, Detroit, MI, Duluth, MN, Minneapolis, MN, St. Louis, MO, Pembina, ND, Cleveland, OH, Milwaukee, WI.

**Customs Import Value:** The value of imports as appraised by the U.S. Customs Service in accordance with the legal requirements of the Tariff Act of 1930, as amended. This value is generally defined as the



price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

**Demonstrated Reserve Base:** A collective term for the sum of coal in both measured and indicated resource categories of reliability which represents 100 percent of the coal in these categories in place as of a certain date. Includes beds of bituminous coal and anthracite 28 inches or more thick and beds of subbituminous coal 60 inches or more thick that occur at depths to 1 thousand feet. Includes beds of lignite 60 inches or more thick that can be surface mined. Includes also thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially at this time. Represents that portion of the identified coal resource from which reserves are calculated.

**Depletion:** The subtraction of both the tonnage produced and the tonnage lost to mining from identified resources to determine the remaining tonnage as of a certain time.

**Depletion Factor:** The multiplier applied to the tonnage produced to compute depletion. This multiplier takes into account both the tonnage recovered and the tonnage lost due to mining. The depletion factor is the reciprocal of the recovery factor in relation to a given quantity of production.

**Direct Labor Hours:** Direct labor hours worked by all mining employees at a mining operation during the year. Includes hours worked by those employees engaged in production, preparation, development, maintenance, repair, shop or yard work, management, and technical or engineering work. Excludes office workers. Excludes vacation and leave hours.

**Distillate Fuel Oil:** A general classification for one of the petroleum fractions produced in conventional distillation operations. Included are products known as No.1, No.2, and No.4 fuel oils and No.1, No.2, and No.4 diesel fuels. It is used primarily for space heating, on-and-off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation.

**Dredge Mining:** A method of recovering coal from rivers or streams.

**Drift Mine:** An underground mine that has a horizontal entry dug to a coalbed in a hillside.

**Dry (Coal) Basis:** Coal quality data calculated to a theoretical basis in which no moisture is associated with the sample. This basis is determined by measuring the weight loss of a sample when its inherent moisture is driven off under controlled conditions of low temperature air-drying followed by heating to just above the boiling point of water (104 to 110 degrees centigrade).

**Electricity:** A form of energy generated by friction, induction, or chemical change that is caused by the

presence and motion of elementary charged particles of which matter consists.

**Electricity Generation:** The process of producing electric energy or transforming other forms of energy into electric energy. Also the amount of electric energy produced or expressed in wathours (Wh).

**Electricity Generation, Gross:** The total amount of electric energy produced by the generating station or stations, measured at the generator terminals.

**Electricity Generation, Net:** Gross generation less electricity consumed at the generating plant for station use. Electricity required for pumping at pumped-storage plants is regarded as plant use and is deducted from gross generation.

**Electric Power Plant:** A station containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality that owns and/or operates facilities within the United States, its territories, or Puerto Rico for the generation, transmission, distribution, or sale of electric energy primarily for use by the public and files forms listed in the Code of Federal Regulations, Title 18, Part 141. Facilities that qualify as cogenerators or small power producers under the Public Utility Regulatory Policies Act (PURPA) and exempt wholesale generators under Energy Policy Act of 1992 are not considered electric utilities. See definition of non-utility power producer.

**Electric Utility Sector:** The electric utility sector consists of privately and publicly owned establishments that generate, transmit, distribute, or sell electricity primarily for use by the public and that meet the definition of an electric utility. Nonutility power producers are not included in the electric utility sector.

**Emissions:** The pollutants discharged into the atmosphere in exhaust gases. For coal-burning plants, these emissions are primarily Carbon Dioxide ( $CO_2$ ), Nitrogen Oxide ( $NO_x$ ), and Sulfur Dioxide ( $SO_2$ ).

**Energy:** The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatt hours, while heat energy is usually measured in British thermal units.

**Energy Consumption:** The use of energy as a source of heat or power or as an input in the manufacturing process.

**Exports:** Shipments of goods from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Fahrenheit:** A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

**F.A.S. Value:** Free alongside ship value. The value of a commodity at the port of exportation, generally including the purchase price plus all charges incurred in placing the commodity alongside the carrier at the port of exportation in the country of exportation.

**Federal Energy Regulatory Commission (FERC):** A quasi-independent regulatory agency within the Department of Energy having jurisdiction over interstate electricity sales, wholesale electric rates, hydroelectric licensing, natural gas pricing, oil pipeline rates, and gas pipeline certification.

**Federal Coal Lease:** A lease granted to a mining company to produce coal from land owned and administered by the Federal Government in exchange for royalties and other revenues.

**Federal Power Act:** Enacted in 1920, and amended in 1935, the Act consists of three parts. The first part incorporated the Federal Water Power Act administered by the former Federal Power Commission, whose activities were confined almost entirely to licensing non-Federal hydroelectric projects. Parts II and III were added with the passage of the Public Utility Act. These parts extended the Act's jurisdiction to include regulating the interstate transmission of electrical energy and rates for its sale as wholesale in interstate commerce. The Federal Energy Regulatory Commission is now charged with the administration of this law.

**Federal Power Commission:** The predecessor agency of the Federal Energy Regulatory Commission. The Federal Power Commission (FPC) was created by an Act of Congress under the Federal Water Power Act on June 10, 1920. It was charged originally with regulating the electric power and natural gas industries. The FPC was abolished on September 20, 1977, when the Department of Energy was created. The functions of the FPC were divided between the Department of Energy and the Federal Energy Regulatory Commission.

**FERC:** The Federal Energy Regulatory Commission.

**Fixed Carbon:** The nonvolatile matter in coal minus the ash. Fixed carbon is the solid residue other than ash obtained by prescribed methods of destructive distillation of a coal. Fixed carbon is the part of the total carbon that remains when coal is heated in a closed vessel until all volatile matter is driven off.

**Flue Gas Desulfurization Unit (Scrubber):** Equipment used to remove sulfur oxides from the combustion gases of a boiler plant before discharge to the

atmosphere. Chemicals, such as lime, are used as the scrubbing media.

**Flue Gas Particulate Collectors:** Equipment used to remove fly ash from the combustion gases of a boiler plant before discharge to the atmosphere. Particulate collectors include electrostatic precipitators, mechanical collectors (cyclones), fabric filters (baghouses), and wet scrubbers.

**F.O.B. Mine Price:** The free on board mine price. This is the price paid for coal at the mining operation site. It excludes freight or shipping and insurance costs.

**F.O.B. Rail/Barge Price:** The free on board price of coal at the point of first sale. It excludes freight or shipping and insurance costs.

**Foreign-Controlled Firms:** Foreign-controlled firms are U.S. coal producers with more than 50 percent of their stock or assets owned by a foreign firm.

**Fossil-Fuel Electric Generation:** Electric generation in which the prime mover is a turbine rotated by high-pressure steam produced in a boiler by heat from burning fossil fuels.

**Geothermal Energy:** Energy from the internal heat of the earth, which may be residual heat, friction heat, or a result of radioactive decay. The heat is found in rocks and fluids at various depths and can be extracted by drilling and/or pumping.

**Greenhouse Effect:** The increasing mean global surface temperature of the earth caused by gases in the atmosphere (including carbon dioxide, methane, nitrous oxide, ozone, and chlorofluorocarbon). The greenhouse effect allows solar radiation to penetrate but absorbs the infrared radiation returning to space.

**Gross Domestic Product (GDP):** The total value of goods and services produced by labor and property in the United States. As long as the labor and property are located in the United States, the supplier (that is, the workers and, for property, the owners) may be either U.S. residents or residents of foreign countries.

**Hand Loading:** An underground loading method by which coal is removed from the working face by manual labor through the use of a shovel for conveyance to the surface. Though rapidly disappearing, it is still used in very small-tonnage mines.

**Highwall:** the unexcavated face of exposed overburden and coal in a surface mine.

**High-Volatile A Bituminous Coal:** See Bituminous coal.

**High-Volatile B Bituminous Coal:** See Bituminous coal.

**High-Volatile C Bituminous Coal:** See Bituminous coal.

**High-Volatile (specific sub-group unknown):** See Bituminous coal.

**Hydroelectric Power:** The harnessing of flowing water to produce mechanical or electrical energy.

**Implicit Price Deflator:** The implicit price deflator, published by the U.S. Department of Commerce, Bureau of Economic Analysis, is used to convert nominal figures to real figures.

**Imports:** Receipts of goods into the 50 States and the District of Columbia from foreign countries and from Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Indian Coal Lease:** A lease granted to a mining company to produce coal from Indian lands in exchange for royalties and other revenues; obtained by direct negotiation with the Indians, but subject to approval and administration by the U.S. Department of the Interior.

**Industrial Sector:** The industrial sector comprises manufacturing industries which make up the largest part of the sector, along with mining, construction, agriculture, fisheries, and forestry. Establishments in the sector range from steel mills, to small farms, to companies assembling electronic components. The NAICS codes used to classify establishments as industrial are 331 through 339.

**Interquartile Range:** The interquartile range is the range within which the middle 50 percent of observations are concentrated. See Appendix D, Section "Interquartile Range."

**Jet Fuel:** The term includes kerosene-type jet fuel and naphtha-type jet fuel. Kerosene-type jet fuel is a kerosene-quality product used primarily for commercial turbojet and turboprop aircraft engines. Naphtha-type jet fuel is a fuel in the heavy naphtha range used primarily for military turbojet and turboprop aircraft engines.

**Lease Condensate:** A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentane and heavier hydrocarbons.

**Lignite:** A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). Similar coal in Europe and Australia are also referred to as brown coal. Lignite comprises two groups classified according to the following ASTM Specification D-388-91a for calorific values on a moist mineral-matter-free basis:

	Limits Btu/lb.	
	GE	LT
Lignite A	6300	8300
Lignite B	-	6300

GE = Greater than or equal to  
LT = Less than  
Lignite is non-agglomerating.

**Lignite A:** See Lignite.

**Lignite B:** See Lignite.

**Longwall Mining:** A form of underground coal mining which is gaining in importance in the United States and can be used at greater depths than room-and-pillar mining. In longwall mining, a cutting machine is pulled back and forth across a panel of coal 300 to 600 feet wide and as much as a mile long, with the broken coal moved by conveyor. Longwall mining is done under movable roof supports that are advanced as the bed is cut. The roof in the mined-out area is allowed to fall as the mining advances.

**Low-Volatile Bituminous Coal:** See Bituminous Coal.

**Major Coal-Producing States:** Any State that produces more than 12 million short tons of coal during the year.

**Manufacturing (except coke plants):** Those industrial users/plants, not including coke plants, that are engaged in the mechanical or chemical transformation of materials or substances into new (i.e., finished or semifinished) products. Includes coal used for gasification/liquefaction.

**Medium-Volatile Bituminous Coal:** See Bituminous Coal.

**Merchant Coke Plant:** A coke plant where coke is produced primarily for sale on the commercial (open) market.

**Meta-Anthracite:** See Anthracite.

**Metallurgical Coal:** Coal that meets the requirements for making coke. It must be low in ash and sulfur and form a coke that is capable of supporting the charge of iron ore and limestone in a blast furnace. A blend of two or more bituminous coals is usually required to make coke.

**Metric Ton:** A unit of weight equal to 2,204.6 pounds.

**Mine Type:** See Surface Mine and Underground Mine.

**Mineral-Matter-Free Basis:** Mineral matter in coal is the parent material in coal from which ash is derived, and which comes from minerals present in the original plant materials that formed the coal, or from extraneous sources such as sediments and precipitates from mineralized water is called the mineral matter. Mineral matter in coal cannot be analytically determined and is commonly calculated using data on ash and ash-forming constituents. Coal analyses are calculated to the mineral-matter-free basis by adjusting formulas used in calculations in order to deduct the weight of mineral matter from the total coal.

**Moist (Coal) Basis:** "Moist" coal contains its natural inherent or bed moisture, but does not include water adhering to the surface. Coal analyses expressed on a moist basis are performed or adjusted so as to describe the data when the coal contains only that moisture which exists in the bed in its natural state of deposition, and when the coal has not lost any moisture due to drying.

**NAICS:** See North American Industry Classification System

**Naphtha:** A genetic term applied to a petroleum fraction with an approximate boiling range between 122 and 400 degrees Fahrenheit.

**Natural Gas:** A mixture of hydrocarbons and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

**Natural Gas (Dry):** The marketable portion of natural gas production, which is obtained by subtracting extraction losses, including natural gas liquids removed at natural gas processing plants, from total production.

**Natural Gas Plant Liquids (NGPL):** Natural gas liquids recovered from natural gas in processing plants and, in some situations, from natural gas field facilities, as well as those extracted by fractionators. Natural gas plant liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials as follows: ethane, propane, normal butane, isobutane, pentane plus, and other products from natural gas processing plants (i.e., products meeting the standards for finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphtha, kerosene, distillate fuel oil, and miscellaneous products).

**Nitrogen Oxide:**  $NO_x$ . A gas formed in high-temperature environments when nitrogen and oxygen are present together. This typically occurs in a combustion chamber such as those in fossil-fuel burning electric utilities. Nitrogen oxide emissions are a contributor to acid rain.

**Nominal Price:** The price paid for a product or service at the time of the transaction. The nominal price, which is expressed in current dollars, is not adjusted to remove the effect of changes in the purchasing power of the dollar.

**Nonutility Power Producers:** A corporation, person, agency, authority, or other legal entity or instrumentality that owns electric generating capacity and is not an electric utility. Nonutility power producers include qualifying cogenerators, qualifying small-power producers, and other nonutility generators (including independent power producers) without a designated franchised service area and which do not file forms listed in the Code of Federal Regulations, Title 18, Part 141. (See Electric Utility.)

**North American Industry Classification System (NAICS):** A standardized set of codes which categorizes industries into groups with similar economic activities, used by the U.S., Canada, and Mexico. The NAICS codes replace the SIC codes.

**Nuclear Electric Power:** Electricity generated by an electric power plant whose turbines are driven by steam generated in a reactor by heat from the fissioning of nuclear fuel.

**Number of Mines:** The number of mines, or mines collocated with preparation plants or tipplés, located in a particular geographic area (State or region). If a mine is mining coal across two counties within a State, or across two States, then it is counted as two operations. This is done so that EIA can separate production by State and county.

**Number of Mining Operations:** The number of mining operations includes preparation plants with greater than 5,000 total direct labor hours. Mining operations that consist of a mine and preparation plant or a preparation plant only will be counted as two operations, if the preparation plant processes both underground and surface coal. Excluded are silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons of coal during the year, and preparation plants with less than 5,000 employee hours.

**Open Market Coal:** Coal sold in the open market, i.e., coal sold to companies other than the reporting company's parent company or an operating subsidiary of the parent company.

**Operating Subsidiary:** A company which is controlled through the ownership of voting stock, or a corporate joint venture in which a corporation is owned by a small group of businesses as a separate and specific business or project for the mutual benefit of the members of the group.

**Other Industrial Plant:** Industrial users, not including coke plants, engaged in the mechanical or chemical transformation of materials or substances into new products (manufacturing); and companies engaged in the agriculture, mining, or construction industries.

**Other Power Producers:** This sector is comprised of coal-burning facilities that generate power but are not covered by the EIA survey form EIA-759.

**Other Unions:** See Union Type.

**Overburden:** Any material, consolidated or unconsolidated, that overlies a coal deposit.

**Parent Company:** A company which solely or jointly owns the reporting company and which is not itself a subsidiary of, or owned by, another company.

**Percent Utilization:** The ratio of total production to productive capacity, times 100.

**Petroleum:** Petroleum includes residential and distillate fuel oils, crude oil, and all other petroleum fuels, excluding petroleum coke.

**Petroleum Coke:** A residue that is the final product of the condensation process in cracking. The product is either marketable petroleum coke or catalyst petroleum coke.

**Petroleum Products:** Products obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentane plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphtha, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

**Photovoltaic and Solar Thermal Energy (as used at electric utilities):** Energy radiated by the sun as electromagnetic waves (electromagnetic radiation) that is converted at electric utilities into electricity by means of solar (photovoltaic) cells or concentrating (focusing) collectors.

**Preparation Plant:** A mining facility at which coal is crushed, screened, and mechanically cleaned.

**Producer and Distributor Coal Stocks:** Producer and distributor coal stocks consist of coal held in stock by producers/distributors at the end of a reporting period.

**Productive Capacity:** The maximum amount of coal that a mining operation can produce or process during a period with the existing mining equipment and/or preparation plant in place, assuming that the labor and materials sufficient to utilize the plant and equipment are available, and that the market exists for the maximum production.

**Quadrillion Btu:**  $10^{15}$  Btu.

**Real Price:** A price that has been adjusted to remove the effect of changes in the purchasing power of the dollar. Real prices, which are expressed in constant dollars, usually reflect buying power relative to a base year.

**Recoverable Coal Reserves at Mines:** The quantity of coal that can be recovered (i.e., mined) from existing coal reserves, as reported on Form EIA-7A.

**Recoverable Reserves of Coal:** An estimate of the amount of coal that can be recovered (mined) from the accessible reserves of the demonstrated reserve base.

**Recovery Percentage:** The percentage of coal that can be recovered from the coal deposits at existing mines.

**Refuse Bank:** A repository for waste material generated by the coal cleaning process.

**Refuse Mine:** A surface mine where coal is recovered from previously mined coal. It may also be known as a silt bank, culm bank, refuse bank, slurry dam, or dredge operation.

**Report Year:** The calendar year beginning at 12:00 a.m. January 1 and ending at 11:59 p.m. December 31.

**Residential and Commercial Sector:** Housing units; wholesale and retail businesses (except coal wholesale dealers); health institutions (hospitals); social and educational institutions (schools and universities); and Federal, State, and local governments (military installations, prisons, office buildings).

**Residual Fuel Oil:** The heavier oils that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations and that conform to ASTM Specifications D396 and 975. Included are No. 5, a residual fuel oil of medium viscosity; Navy Special, for use in steam-powered vessels in government service and in shore power plants; and No. 6, which includes Bunker C fuel oil and is used for commercial and industrial heating, electricity generation, and to power ships. Imports of residual fuel oil include imported crude oil burned as fuel.

**Room-and-Pillar Mining:** The most common method of underground mining in which the mine roof is supported mainly by coal pillars left at regular intervals. Rooms are places where the coal is mined; pillars are areas of coal left between the rooms. Room-and-pillar mining is done either by conventional or continuous mining.

**Royalties:** Payments, in money or kind, of a stated share of production from mineral deposits, by the lessee to the lessor. Royalties may be an established minimum, a sliding-scale, or a step-scale. A step-scale royalty rate increases by steps as the average production on the lease increases. A sliding-scale royalty rate is based on average production and applies to all production from the lease.

**Sales Volume:** The reported output from Federal and/or Indian lands, the basis of royalties. It is approximately equivalent to production, which includes coal sold, and coal added to stockpiles.

**Scoop Loading:** An underground loading method by which coal is removed from the working face by a tractor unit equipped with a hydraulically operated bucket attached to the front; also called a front-end loader.

**Semianthracite:** See Anthracite.

**Shaft Mine:** An underground mine that reaches the coalbed by means of a vertical shaft. In addition to the passages providing entry to the coalbed, a network of

other passages are also dug, some to provide access to various parts of the mine and some for ventilation.

**Short Ton:** A unit of weight equal to 2,000 pounds.

**Shortwall Mining:** A form of underground mining that involves the use of a continuous mining machine and movable roof supports to shear coal panels 150 to 200 feet wide and more than half a mile long. Although similar to longwall mining, shortwall mining is generally more flexible because of the smaller working area. Productivity is lower than with longwall mining because the coal is hauled to the mine face by shuttle cars as opposed to conveyors.

**SIC:** See Standard Industrial Classification.

**Silt:** Waste from Pennsylvania anthracite preparation plants, consisting of coarse rock fragments containing as much as 30 percent small-sized coal; sometimes defined as including very fine coal particles called silt. Its heat value ranges from 8 to 17 million Btu per short ton. Synonymous with culm.

**Silt, Culm Refuse Bank, or Slurry Dam Mining:** A mining operation producing coal from these sources of coal. (See refuse mine.)

**Slope Mine:** An underground mine in which the entry is driven at an angle to reach the coal deposit.

**Slurry Dam:** A repository for the silt or culm from a preparation plant.

**Solar Energy:** The radiant energy of the sun, which can be converted into other forms of energy, such as heat or electricity.

**Solar Thermal Collector:** A device designed to receive solar radiation and convert it into thermal energy. Normally, a solar thermal collector includes a frame, glazing, and an absorber, together with appropriate insulation. The heat collected by the solar thermal collector may be used immediately or stored for later use.

**Standard Industrial Classification (SIC):** A set of codes developed by the Office of Management and Budget which categorizes industries to groups with similar economic activities. The SIC codes have been replaced by the North American Industry Classification System (NAICS).

**Steam Coal:** All noncoking coal.

**Stocks:** The supply of coal or coke at a mine, plant, or utility at the end of the reporting period.

**Strategic Petroleum Reserve (SPR):** Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

**Strip (Surface) Mining:** A method used on flat terrain to recover coal by mining long strips successively. The material excavated from the strip being mined is deposited in the strip previously mined.

**Subbituminous Coal:** A dull black coal of rank intermediate between lignite and bituminous, consisting of subbituminous A coal, subbituminous B coal, and subbituminous C coal, classified according to the following ASTM Specification D-388-91a on a moist mineral-matter-free basis:

	Calorific Value Limits Btu/lb.	
	GE	LT
Subbituminous A Coal	10500	11500
Subbituminous B Coal	9500	10500
Subbituminous C Coal	8300	9500

GE = Greater than or equal to

LT = Less than

Subbituminous coal is non-agglomerating.

**Subbituminous A Coal:** See Subbituminous Coal.

**Subbituminous B Coal:** See Subbituminous Coal.

**Subbituminous C Coal:** See Subbituminous Coal.

**Sulfur:** One of the elements present in varying quantities in coal that contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or equal to 1 percent), medium (greater than 1 percent and less than or equal to 3 percent), and high (greater than 3 percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

**Sulfur Dioxide:**  $SO_2$ . A caustic, corrosive gas that is a by-product of combustion and emissions from fossil-fuel burning electric utility plants. The primary agent in the production of acid rain.

**Supplemental Gaseous Fuels:** Any gaseous substance that, introduced into or commingled with natural gas, increases the volume available for disposition. Such substances include, but are not limited to, propane-air, refinery gas, coke oven gas, still gas, manufactured gas, biomass gas, or air or inert gases added for Btu stabilization.

**Surface Mine:** A coal-producing mine that is usually within a few hundred feet of the surface. Earth and rock above or around the coal (overburden) is removed to expose the coalbed, which is then mined with surface excavation equipment such as draglines, power shovels, bulldozers, loaders, and augers. It may also be known as an area, contour, open-pit, strip, or auger mine.

**Tipple:** A central facility used in loading coal for transportation by rail or truck.

**Transportation Sector:** The transportation sector consists of private and public vehicles that move people and commodities. Included are automobiles, trucks, buses, motorcycles, railroads and railways (including streetcars), aircraft, ships, barges, and natural gas pipelines.

**Underground Mine:** A mine where coal is produced by tunneling into the earth to the coalbed, which is then mined with underground mining equipment such as cutting machines and continuous, longwall, and shortwall mining machines. Underground mines are classified according to the type of opening used to reach the coal, i.e., drift (level tunnel), slope (inclined tunnel), or shaft (vertical tunnel).

**Unfinished Oils:** All oils requiring further refinery processing, except those requiring only mechanical blending. Includes naphtha and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

**Union Type:** Union type consists of United Mine Workers of America (UMWA), and the following "Other Union" types: Southern Labor Union (SLU), Appalachian Miners of America (AMA), Scotia Employees Association (SEA), International Union of Operating Engineers (IUOE), Utility Workers of America (UWA), Progressive Mine Workers Association (PMWA), International Brotherhood of Electrical Workers (IBEW), International Chemical Workers Union (ICWU), Redstone Workers Association (RWA), Chariton Valley Independent Union (CVIU), American Federation of Labor - Congress of Industrial Organization (AFL-CIO), Labors International (LABO), Crow Hollow Miners (CROW), Coal Strippers (COAL), United Steel Workers (USW), Independent Miners Association (IMA), Independent Union (INUN), Independence Miners, Brokers, and Truckers Association (IMBT), Council of Southern Mountains (CSM), International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers Union (TEAM), Thompson Creek Workers Association (TCWA), United Brotherhood of Clay Workers (UBCW), Wilmot Employees Independent Union (WEIU), Independent Strip Miners Union (ISMU), Independent Miners (IM), Independent Workers (IW), Coal Strippers Union (CSU), Independent Miners Union (IMU), Independent Coal Workers (ICW),

Independent Strip Mining Workers (ISMW), Independent Strip Union (ISU), Association of Bituminous Contractors (ABC), Arch Minerals Employees Association (AMEA), United Paperworkers International Union (UPIU), Welch Miners Union (WMU), Falcon Coal Employees Association (FCEA), Justus Employees Association (JEA), International Construction Union (ICU), Brotherhood of Miners (BOM), Western Energy Workers (WEW), Carlin Independent Union (CIU), International Association of United Workers Union (IAWU), and Stove, Furnace and Allied Appliance Workers International Union of N. A. (SFAW).

**U.S. Coal Exports:** Amount of U.S. coal shipped to foreign destinations, as reported in the U.S. Department of Commerce, Bureau of Census, "Monthly Report EM 545."

**U.S. Coal Imports:** Amount of foreign coal shipped to the United States, as reported in the U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

**Wind Energy (as used at electric utilities):** The kinetic energy of wind converted at electric utilities into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity for distribution.

**Wood and Waste (as used at electric utilities):** Wood energy, garbage, bagasse, sewerage gas, and other industrial, agricultural, and urban refuse used to generate electricity for distribution.

**Volatile Matter:** Those products, exclusive of moisture, given off by a material as gas or vapor. Volatile matter is determined by heating the coal to 950 degrees centigrade under carefully controlled conditions and measuring the weight loss, excluding weight of moisture driven off at 105 degrees Centigrade.