

Quarterly Coal Report January - March 2003

June 2003

Energy Information Administration
Office of Coal, Nuclear, Electric, and Alternate Fuels
U.S. Department of Energy
Washington, DC 20585

This report is available on the Web at:
<http://www.eia.doe.gov/cneaf/coal/quarterly/qcr.pdf>

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be not be construed as advocating or reflecting any policy position of the U.S. Department of Energy or any other organization.

Contacts

This publication was prepared by Paulette Young under the direction of Betsy O'Brien, Director, Coal, Nuclear, and Renewables Fuels Division, Office of Coal, Nuclear, Electric, and Alternate Fuels within the Energy

Information Administration, U.S. Department of Energy. Questions on coal statistics should be directed to the National Energy Information Center (NEIC) at (202) 586-8800, email **INFOCTR@EIA.DOE.GOV**.

Preface

Note: This issue does not include electric power sector data for the first quarter of 2003, due to the unavailability of the data at the time of publication. Also, due to the use of a new processing system, there are slight changes to the coal export and import historical data.

This issue includes data on coal synfuels. Coal synfuels consumed by electric power plants are included in the total coal consumed and coal consumed by the electric power sector. A separate table provides statistics on the coal used to create coal synfuels.

The *Quarterly Coal Report* (QCR) provides comprehensive information about U.S. coal production, distribution, exports, imports, receipts, prices, consumption, and stocks to a wide audience, including Congress, Federal and State agencies, the coal industry, and the general public. Coke production, consumption, distribution, imports, and exports data are also provided. The data presented in the QCR are collected and published by the Energy Information Administration (EIA) to fulfill data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended.

This report presents detailed quarterly data for January through March 2003 and aggregated quarterly historical data for 1997 through the first quarter of 2003.

To provide a complete picture of coal supply and demand in the United States, historical information has been integrated in this report. Additional historical data can also be found in the following EIA publications:

Annual Energy Review 2001 DOE/EIA-0384 (2001); *Monthly Energy Review* DOE/EIA-0035; *Coal Data: A Reference* DOE/EIA-0064 (93) DOE/EIA-0035; and *Annual Coal Report* DOE/EIA-0584 (2001).

The historical data in this report are collected by the EIA in three quarterly coal surveys (coal consumption at manufacturing plants, coal production, and coal

consumption at coke plants), one annual coal production survey, and two monthly surveys of electric generation facilities. The coal surveys originated in the 1920's, at the Bureau of Mines, U.S. Department of the Interior. In 1977, the responsibility for these surveys was transferred to the EIA under the Department of Energy Organization Act (Public Law 95-91). The two electric power surveys originated at the Federal Power Commission (FPC)--one in 1936 under the Federal Power Act and one in 1972 under FPC Order Number 453. The EIA continued these surveys, reducing the frequency and quantity of information requested and increasing the automation of the associated data processing and report generation functions. Coal export and import data are obtained from the Bureau of the Census, U.S. Department of Commerce, which compiles monthly data from documents filed with the U.S. Customs Service, as required by law.

An extensive review of electric data was recently undertaken by the EIA. The review of data reported by utilities and nonutility power generators included fuel consumption, heat rates, capacity factors, and power-to-steam ratios. As a result, data for nonutility power producers have been revised in this publication for 1997 through 2002.

All data for 2001 and prior years are final, with the exception of electric power sector consumption and stocks. Coal production data for 1998 forward are based on the quarterly survey, Form 7000-2, "Quarterly Mine Employment and Coal Production Report," U.S. Department of Labor, Mine Safety and Health Administration. U.S. coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report."

Coal, coke and breeze stocks are shown at the Census Division level in order to make maximum amounts of data available without the withholding of data to avoid disclosures of individual operations and State-level data, respectively.

The Office of Coal, Nuclear, Electric, and Alternate Fuels acknowledges the cooperation of the respondents in supplying the information published in this report.

Contents

| | |
|---------------------------|----|
| Production | 5 |
| Exports and Imports | 9 |
| Receipts | 23 |
| Consumption | 29 |
| Stocks | 35 |
| Quality..... | 40 |

Tables

| | | |
|-----------|--|----|
| Table 1. | U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1997-2003 | 1 |
| Table 2. | U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1997-2003 | 2 |
| Table 3. | Coal Statistics for Synthetic Fuel Plants..... | 3 |
| Table 4. | U.S. Coal Production, 1997-2003..... | 6 |
| Table 5. | Coal Production by State | 7 |
| Table 6. | Coke and Breeze Production at Coke Plants | 8 |
| Table 7. | U.S. Coal Exports and Imports, 1997-2003..... | 10 |
| Table 8. | Average Price of U.S. Coal Exports and Imports, 1997-2003..... | 10 |
| Table 9. | Quantity and Average Price of U.S. Coal Imports by Origin, 1997-2003 | 11 |
| Table 10. | U.S. Coal Exports..... | 12 |
| Table 11. | Average Price of U.S. Coal Exports..... | 13 |
| Table 12. | U.S. Steam Coal Exports..... | 14 |
| Table 13. | Average Price of U.S. Steam Coal Exports | 15 |
| Table 14. | U.S. Metallurgical Coal Exports | 16 |
| Table 15. | Average Price of U.S. Metallurgical Coal Exports..... | 17 |
| Table 16. | Coal Exports by Customs District | 18 |
| Table 17. | U.S. Coke Exports..... | 19 |
| Table 18. | U.S. Coal Imports..... | 19 |
| Table 19. | Average Price of U.S. Coal Imports..... | 20 |
| Table 20. | Coal Imports by Customs District | 21 |
| Table 21. | U.S. Coke Imports..... | 21 |
| Table 22. | Coal Receipts at Coke Plants by Census Division..... | 24 |
| Table 23. | Average Price of Coal Receipts at Coke Plants by Census Division..... | 24 |
| Table 24. | Coal Receipts at Other Industrial Plants by Census Division and State | 25 |
| Table 25. | Average Price of Coal Receipts at Other Industrial Plants by Census Division and State | 26 |
| Table 26. | U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code | 27 |
| Table 27. | Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code..... | 27 |
| Table 28. | Coal Receipts by the Residential and Commercial Sector by Census Division and State | 28 |
| Table 29. | U.S. Coal Consumption by End-Use Sector 1997-2003..... | 30 |
| Table 30. | Coal Carbonized at Coke Plants by Census Division | 31 |
| Table 31. | Coal Consumption at Other Industrial Plants by Census Division and State..... | 32 |
| Table 32. | U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code | 33 |
| Table 33. | Coal Consumption by Residential and Commercial Sector by Census Division and State | 34 |
| Table 34. | U.S. Coal Stocks, 1997-2003 | 36 |
| Table 35. | Coal Stocks at Coke Plants by Census Division..... | 37 |
| Table 36. | Coal Stocks at Other Industrial Plants by Census Division and State | 38 |
| Table 37. | U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code | 39 |
| Table 38. | Coke and Breeze Stocks at Coke Plants by Census Division | 39 |
| Table 39. | Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State | 41 |

Table 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1997-2003
(Thousand Short Tons)

| Year and Quarter | Production ¹ | Imports | Producer and Distributor Stocks ² | Consumption ³ | Exports | Consumer Stocks ² | Losses and Unaccounted For ⁴ |
|--------------------------|-------------------------|---------------|--|--------------------------|---------------|------------------------------|---|
| 1997 | | | | | | | |
| January - March | 274,080 | 1,331 | 37,544 | 252,013 | 20,011 | 120,671 | |
| April - June | 270,136 | 1,708 | 42,529 | 239,937 | 20,603 | 127,588 | |
| July - September | 271,650 | 2,222 | 39,111 | 274,997 | 22,354 | 109,516 | |
| October - December | 274,065 | 2,226 | 33,973 | 263,598 | 20,576 | 106,401 | |
| Total | 1,089,932 | 7,487 | | 1,029,545 | 83,545 | | -4,418 |
| 1998 | | | | | | | |
| January - March | 281,627 | 1,839 | 40,994 | 251,785 | 18,621 | 114,547 | |
| April - June | 274,869 | 2,193 | 38,331 | 248,737 | 20,749 | 124,345 | |
| July - September | 278,382 | 2,145 | 39,803 | 283,376 | 19,898 | 111,839 | |
| October - December | 282,657 | 2,547 | 36,530 | 253,203 | 18,780 | 128,072 | |
| Total | 1,117,535 | 8,724 | | 1,037,101 | 78,048 | | -13,118 |
| 1999 | | | | | | | |
| January - March | 283,025 | 2,248 | 42,682 | 250,092 | 12,961 | 143,732 | |
| April - June | 266,420 | 2,098 | 41,701 | 248,458 | 14,449 | 152,413 | |
| July - September | 275,099 | 2,387 | 36,645 | 283,483 | 16,075 | 139,430 | |
| October - December | 275,888 | 2,357 | 39,475 | 256,615 | 14,991 | 144,048 | |
| Total | 1,100,431 | 9,089 | | 1,038,648 | 58,476 | | -6,525 |
| 2000 | | | | | | | |
| January - March | 274,339 | 2,815 | 44,271 | 266,242 | 13,598 | 141,154 | |
| April - June | 261,257 | 2,745 | 42,179 | 254,661 | 14,379 | 137,246 | |
| July - September | 270,577 | 3,562 | 37,307 | 287,661 | 15,799 | 120,309 | |
| October - December | 267,439 | 3,391 | 31,905 | 275,531 | 14,713 | 108,115 | |
| Total | 1,073,612 | 12,513 | | 1,084,094 | 58,489 | | -12,956 |
| 2001 | | | | | | | |
| January - March | 283,770 | 3,910 | 39,214 | 267,168 | 11,841 | 115,381 | |
| April - June | 279,394 | 4,124 | 38,554 | 253,001 | 13,500 | 132,967 | |
| July - September | 279,729 | 6,047 | 34,822 | 286,967 | 11,655 | 122,397 | |
| October - December | 284,796 | 5,707 | 35,900 | 253,009 | 11,671 | 146,012 | |
| Total | 1,127,689 | 19,787 | | 1,060,146 | 48,666 | | -3,227 |
| 2002 | | | | | | | |
| January - March | 282,619 | 4,000 | 40,284 | 254,616 | 9,253 | 153,473 | |
| April - June | 267,590 | 3,857 | 41,288 | 252,964 | 11,043 | 158,046 | |
| July - September | 270,768 | 4,654 | 35,662 | 289,010 | 9,257 | 142,751 | |
| October - December | 272,829 | 4,365 | 31,968 | 269,252 | 10,050 | 148,981 | |
| Total | 1,093,806 | 16,875 | | 1,065,842 | 39,601 | | 6,201 |
| 2003 | | | | | | | |
| January - March | 264,076 | 4,954 | 31,274 ^E | NA | 8,518 | NA | |
| Total | 264,076 | 4,954 | | NA | 8,518 | | NA |

¹ Beginning in 2001 includes refuse recovery.

² Reported as of the last day of the quarter.

³ Includes coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.

⁴ Losses and Unaccounted For is calculated as production plus imports minus the change in producer and distributor stocks minus consumption minus exports minus the change in consumer stocks.

^E Estimated

NA = Not Available.

Note: • Total may not equal sum of components because of independent rounding. Beginning with 1999, the first three quarters of Producer and Distributor Stocks data for each year are estimated.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6A, Schedule Q, "Quarterly Coal Report," and Form EIA-7A, "Coal Production Report"; Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report," and State mining agency coal production reports; • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" • Producer and Distributor Stocks: EIA, Form EIA-6A, "Coal Distribution Report," and "Short Term Energy Outlook" estimates; • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545" • Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report," Form EIA-906, "Power Plant Report," Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants;" Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants;" Form EIA-867, "Annual Nonutility Power Producer Report," Form EIA 860B, "Annual Electric Generator Report Nonutility;" Form EIA-7A, "Coal Production Report;" and Form EIA-6A, "Coal Distribution Report."

Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1997-2003
(Thousand Short Tons)

| Year and Quarter | Production | Imports | Producer and Distributor Stocks ¹ | Consumption ² | Exports |
|--------------------------|---------------|--------------|--|--------------------------|--------------|
| 1997 | | | | | |
| January - March | 5,551 | 576 | 1,348 | 5,919 | 184 |
| April - June | 5,488 | 786 | 1,522 | 5,720 | 379 |
| July - September | 5,598 | 921 | 1,634 | 6,029 | 379 |
| October - December | 5,478 | 855 | 1,294 | 6,349 | 324 |
| Total | 22,116 | 3,139 | | 24,017 | 1,266 |
| 1998 | | | | | |
| January - March | 4,812 | 766 | 952 | 5,723 | 197 |
| April - June | 5,144 | 1,045 | 886 | 5,904 | 351 |
| July - September | 5,094 | 1,213 | 842 | 6,058 | 293 |
| October - December | 4,991 | 810 | 933 | 5,423 | 289 |
| Total | 20,041 | 3,834 | | 23,108 | 1,129 |
| 1999 | | | | | |
| January - March | 4,790 | 781 | 1,020 | 5,289 | 195 |
| April - June | 4,974 | 790 | 990 | 5,569 | 225 |
| July - September | 5,018 | 692 | 939 | 5,504 | 257 |
| October - December | 5,234 | 961 | 852 | 6,061 | 221 |
| Total | 20,016 | 3,224 | | 22,423 | 898 |
| 2000 | | | | | |
| January - March | 5,146 | 906 | 817 | 5,876 | 211 |
| April - June | 5,403 | 1,015 | 905 | 6,046 | 284 |
| July - September | 5,275 | 1,073 | 959 | 6,044 | 252 |
| October - December | 4,983 | 787 | 1,054 | 5,276 | 399 |
| Total | 20,808 | 3,781 | | 23,242 | 1,146 |
| 2001 | | | | | |
| January - March | 4,928 | 515 | 1,059 | 5,243 | 194 |
| April - June | 5,037 | 719 | 983 | 5,589 | 242 |
| July - September | 4,889 | 534 | 916 | 5,162 | 329 |
| October - December | 4,096 | 572 | 981 | 4,298 | 304 |
| Total | 18,949 | 2,340 | | 20,293 | 1,069 |
| 2002 | | | | | |
| January - March | 3,806 | 509 | 878 | 4,314 | 104 |
| April - June | 3,990 | 422 | 842 | 4,346 | 102 |
| July - September | 4,150 | 1,166 | 645 | 5,383 | 129 |
| October - December | 4,154 | 1,000 | 606 | 4,933 | 260 |
| Total | 16,099 | 3,096 | | 18,977 | 594 |
| 2003 | | | | | |
| January - March | 4,245 | 836 | 828 | 4,734 | 124 |
| Total | 4,245 | 836 | | 4,734 | 124 |

¹ Reported as of the last day of the quarter.

² Consumption is equal to production plus imports plus/minus the change in producer and distributor stocks minus exports.

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

Sources: • Production, Consumption, and Producer and Distributor Stocks: Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" and • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 3. Coal Statistics for Synthetic Fuel Plants
(Thousand Short Tons)

| Year and Quarter | Coal Receipts | Average Price of Coal Receipts | Coal Used | Coal Stocks ¹ |
|--------------------------|---------------|--------------------------------|---------------|--------------------------|
| 2001 | | | | |
| January - March | 9,409 | 26.69 | 9,326 | 287 |
| April - June | 11,370 | 28.19 | 11,158 | 523 |
| July - September | 13,261 | 31.08 | 13,309 | 507 |
| October - December | 15,286 | 32.61 | 14,578 | 631 |
| Total | 49,326 | 30.05 | 48,372 | |
| 2002 | | | | |
| January - March | 17,635 | 32.27 | 17,237 | 970 |
| April - June | 20,241 | 31.44 | 20,549 | 748 |
| July - September | 22,607 | 31.35 | 22,288 | 1,094 |
| October - December | 22,585 | 31.57 | 22,762 | 930 |
| Total | 83,069 | 31.63 | 82,835 | |
| 2003 | | | | |
| January - March | 24,848 | 31.44 | 24,633 | 1,178 |
| Total | 24,848 | 31.44 | 24,633 | |

¹ Reported as of the last day of the quarter.

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

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

Production

Table 4. U.S. Coal Production, 1997-2003
(Thousand Short Tons)

| Year ¹ | January - March | April - June | July - September | October - December | Year to Date |
|-------------------|-----------------|--------------|------------------|--------------------|--------------|
| 1997 | 274,080 | 270,136 | 271,650 | 274,065 | 1,089,932 |
| 1998 | 281,627 | 274,869 | 278,382 | 282,657 | 1,117,535 |
| 1999 | 283,025 | 266,420 | 275,099 | 275,888 | 1,100,431 |
| 2000 | 274,339 | 261,257 | 270,577 | 267,439 | 1,073,612 |
| 2001 | 283,770 | 279,394 | 279,729 | 284,796 | 1,127,689 |
| 2002 | 282,619 | 267,590 | 270,768 | 272,829 | 1,093,806 |
| 2003 | 264,076 | - | - | - | 264,076 |

¹ Beginning in 2001 includes refuse recovery.

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

Source: • Energy Information Administration (EIA), Form EIA-7A, "Coal Production Report;" Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

Table 5. Coal Production by State
(Thousand Short Tons)

| Coal-Producing Region and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|-------------------------------------|----------------------|-------------------------|----------------------|----------------|----------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| Alabama..... | 4,838 | 4,341 | 4,458 | 4,838 | 4,458 | 8.5 |
| Alaska..... | 244 | 197 | 376 | 244 | 376 | -35.2 |
| Arizona..... | 3,046 | 3,351 | 3,282 | 3,046 | 3,282 | -7.2 |
| Arkansas..... | 3 | 3 | 11 | 3 | 11 | -74.2 |
| Colorado..... | 8,219 | 8,704 | 8,874 | 8,219 | 8,874 | -7.4 |
| Illinois..... | 8,271 | 7,815 | 8,872 | 8,271 | 8,872 | -6.8 |
| Indiana..... | 8,687 | 8,470 | 9,191 | 8,687 | 9,191 | -5.5 |
| Kansas..... | 51 | 54 | 49 | 51 | 49 | 4.0 |
| Kentucky Total..... | 28,944 | 28,156 | 33,960 | 28,944 | 33,960 | -14.8 |
| Eastern..... | 23,079 | 22,462 | 27,400 | 23,079 | 27,400 | -15.8 |
| Western..... | 5,865 | 5,694 | 6,560 | 5,865 | 6,560 | -10.6 |
| Louisiana..... | 1,130 | 796 | 835 | 1,130 | 835 | 35.3 |
| Maryland..... | 1,407 | 1,079 | 1,247 | 1,407 | 1,247 | 12.8 |
| Mississippi..... | 931 | 750 | 270 | 931 | 270 | 244.9 |
| Missouri..... | 109 | 77 | 49 | 109 | 49 | 121.7 |
| Montana..... | 8,599 | 9,681 | 9,739 | 8,599 | 9,739 | -11.7 |
| New Mexico..... | 6,210 | 7,847 | 7,684 | 6,210 | 7,684 | -19.2 |
| North Dakota..... | 8,239 | 8,125 | 7,931 | 8,239 | 7,931 | 3.9 |
| Ohio..... | 5,614 | 5,738 | 5,508 | 5,614 | 5,508 | 1.9 |
| Oklahoma..... | 419 | 313 | 370 | 419 | 370 | 13.1 |
| Pennsylvania Total..... | 17,414 | 16,392 | 18,426 | 17,414 | 18,426 | -5.5 |
| Anthracite..... | 291 | 295 | 349 | 291 | 349 | -16.7 |
| Bituminous..... | 17,123 | 16,097 | 18,076 | 17,123 | 18,076 | -5.3 |
| Tennessee..... | 694 | 652 | 970 | 694 | 970 | -28.4 |
| Texas..... | 10,649 | 11,595 | 10,528 | 10,649 | 10,528 | 1.2 |
| Utah..... | 6,872 | 6,617 | 6,598 | 6,872 | 6,598 | 4.2 |
| Virginia..... | 7,537 | 7,681 | 7,834 | 7,537 | 7,834 | -3.8 |
| Washington..... | 1,324 | 1,635 | 1,221 | 1,324 | 1,221 | 8.4 |
| West Virginia Total..... | 34,710 | 35,656 | 42,203 | 34,710 | 42,203 | -17.8 |
| Northern..... | 8,416 | 8,518 | 10,226 | 8,416 | 10,226 | -17.7 |
| Southern..... | 26,295 | 27,138 | 31,977 | 26,295 | 31,977 | -17.8 |
| Wyoming..... | 89,792 | 96,928 | 91,869 | 89,792 | 91,869 | -2.3 |
| Appalachian Total..... | 95,293 | 94,002 | 108,046 | 95,293 | 108,046 | -11.8 |
| Interior Total..... | 36,115 | 35,568 | 36,736 | 36,115 | 36,736 | -1.7 |
| Western Total..... | 132,544 | 143,086 | 137,575 | 132,544 | 137,575 | -3.7 |
| East of the Miss. River..... | 119,047 | 116,732 | 132,939 | 119,047 | 132,939 | -10.5 |
| West of the Miss. River..... | 144,906 | 155,924 | 149,417 | 144,906 | 149,417 | -3.0 |
| U.S. Subtotal..... | 263,952 | 272,655 | 282,357 | 263,952 | 282,357 | -6.5 |
| Refuse Recovery..... | 124 | 174 | 262 | 124 | 262 | -52.6 |
| U.S. Total..... | 264,076 | 272,829 | 282,619 | 264,076 | 282,619 | -6.6 |

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

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

Table 6. Coke and Breeze Production at Coke Plants
(Thousand Short Tons)

| Census Division | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--------------------------------|----------------------------|-------------------------------|----------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Mid Atlantic Total | W | W | W | W | W | W |
| East North Central Total | 2,126 | 2,056 | 1,978 | 2,126 | 1,978 | 7.5 |
| South Atlantic Total | W | W | W | W | W | W |
| East South Central Total | 498 | 497 | 439 | 498 | 439 | 13.3 |
| U.S. Total | 4,557 | 4,463 | 4,071 | 4,557 | 4,071 | 12.0 |
| Coke Total | 4,245 | 4,154 | 3,806 | 4,245 | 3,806 | 11.5 |
| Breeze Total | 312 | 309 | 265 | 312 | 265 | 18.0 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Exports and Imports

Table 7. U.S. Coal Exports and Imports, 1997-2003
(Thousand Short Tons)

| Year | January - March | | April - June | | July - September | | October - December | | Year to Date | |
|------------|-----------------|---------|--------------|---------|------------------|---------|--------------------|---------|--------------|---------|
| | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports |
| 1997 | 20,011 | 1,331 | 20,603 | 1,708 | 22,354 | 2,222 | 20,576 | 2,226 | 83,544 | 7,487 |
| 1998 | 18,621 | 1,839 | 20,749 | 2,193 | 19,898 | 2,145 | 18,780 | 2,547 | 78,048 | 8,724 |
| 1999 | 12,961 | 2,248 | 14,449 | 2,098 | 16,075 | 2,387 | 14,991 | 2,357 | 58,476 | 9,089 |
| 2000 | 13,598 | 2,815 | 14,379 | 2,745 | 15,799 | 3,562 | 14,713 | 3,391 | 58,489 | 12,513 |
| 2001 | 11,841 | 3,910 | 13,500 | 4,124 | 11,655 | 6,047 | 11,671 | 5,707 | 48,666 | 19,787 |
| 2002 | 9,253 | 4,000 | 11,043 | 3,857 | 9,257 | 4,654 | 10,050 | 4,365 | 39,601 | 16,875 |
| 2003 | 8,518 | 4,954 | - | - | - | - | - | - | 8,518 | 4,954 |

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

Source: • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545;" and Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 8. Average Price of U.S. Coal Exports and Imports, 1997-2003
(Dollars per Short Ton)

| Year | January - March | | April - June | | July - September | | October - December | | Total | |
|------------|-----------------|---------|--------------|---------|------------------|---------|--------------------|---------|---------|---------|
| | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports |
| 1997 | \$41.72 | \$33.85 | \$40.80 | \$35.26 | \$39.42 | \$33.69 | \$40.40 | \$34.49 | \$40.55 | \$34.32 |
| 1998 | 41.66 | 33.98 | 38.49 | 31.43 | 37.83 | 32.38 | 37.73 | 31.38 | 38.89 | 32.18 |
| 1999 | 40.55 | 30.86 | 36.70 | 30.06 | 33.97 | 30.01 | 35.54 | 32.10 | 36.50 | 30.77 |
| 2000 | 35.82 | 29.81 | 34.31 | 31.16 | 35.03 | 29.71 | 34.48 | 29.90 | 34.90 | 30.10 |
| 2001 | 35.47 | 32.00 | 35.88 | 33.84 | 38.22 | 34.04 | 38.50 | 35.46 | 36.97 | 34.00 |
| 2002 | 39.57 | 36.17 | 40.77 | 35.83 | 42.93 | 35.38 | 38.58 | 34.78 | 40.44 | 35.51 |
| 2003 | 39.72 | 31.65 | - | - | - | - | - | - | - | - |

Note: • Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. Total may not equal sum of components because of independent rounding.

Source: • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545;" and Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 9. Quantity and Average Price of U.S. Coal Imports by Origin, 1997-2003
(Thousand Short Tons and Dollars per Short Ton)

| Year and Quarter | Australia | Canada | Columbia | Indonesia | Malaysia | Venezuela | Other Countries | Total |
|--------------------------|--------------|--------------|--------------|--------------|----------|--------------|-----------------|----------------|
| Quantity | | | | | | | | |
| 1997 | 116 | 1,212 | 3,117 | 1,426 | - | 1,514 | 103 | 7,487 |
| 1998 | 93 | 1,166 | 3,478 | 1,414 | - | 2,482 | 91 | 8,724 |
| 1999 | 161 | 979 | 4,553 | 1,138 | - | 2,090 | 167 | 9,089 |
| 2000 | 168 | 1,923 | 7,637 | 718 | - | 2,039 | 28 | 12,513 |
| 2001 | 316 | 2,571 | 11,176 | 882 | - | 3,335 | 1,506 | 19,787 |
| 2002 | | | | | | | | |
| January - March | 137 | 454 | 2,136 | 264 | - | 766 | 243 | 4,000 |
| April - June | 280 | 542 | 1,963 | 249 | - | 773 | 50 | 3,857 |
| July - September | 224 | 553 | 2,477 | 312 | - | 1,069 | 19 | 4,654 |
| October - December | 180 | 561 | 2,630 | 137 | - | 742 | 115 | 4,365 |
| Total | 821 | 2,111 | 9,205 | 962 | - | 3,350 | 426 | 16,875 |
| 2003 | | | | | | | | |
| January - March | 40 | 405 | 3,316 | 567 | - | 619 | 7 | 4,954 |
| Total | 40 | 405 | 3,316 | 567 | - | 619 | 7 | 4,954 |
| Average Price | | | | | | | | |
| 1997 | \$33.47 | \$38.11 | \$32.11 | \$32.82 | - | \$33.26 | \$49.12 | \$33.50 |
| 1998 | 31.89 | 35.40 | 31.21 | 34.13 | - | 31.09 | 36.29 | 32.19 |
| 1999 | 27.26 | 35.03 | 29.17 | 43.15 | - | 31.99 | 27.50 | 31.50 |
| 2000 | 28.88 | 38.10 | 26.25 | 43.38 | - | 30.58 | 35.99 | 29.71 |
| 2001 | 36.00 | 44.01 | 29.49 | 42.51 | - | 37.53 | 34.22 | 33.72 |
| 2002 | | | | | | | | |
| January - March | 41.33 | 47.35 | 31.56 | 33.64 | - | 42.01 | 32.99 | 35.82 |
| April - June | 37.88 | 43.51 | 31.72 | 34.01 | - | 38.71 | 37.75 | 35.37 |
| July - September | 38.03 | 43.88 | 30.56 | 38.05 | - | 39.04 | 38.47 | 34.91 |
| October - December | 37.98 | 46.17 | 29.94 | 34.93 | - | 35.77 | 28.88 | 33.44 |
| Total | 38.52 | 45.14 | 30.86 | 35.35 | - | 38.92 | 32.69 | 34.85 |
| 2003 | | | | | | | | |
| January - March | 29.84 | 48.18 | 29.18 | 31.46 | - | 32.23 | - | 31.16 |
| Total | 29.84 | 48.18 | 29.18 | 31.46 | - | 32.23 | - | 31.16 |

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. The average prices presented in this table are representative prices for coal imports that fall within the range of \$20 and \$55, inclusively. Therefore, the Total price column in this table will not equal the U.S. Total prices in Table 8. Coal imports include coal to Puerto Rico and the Virgin Islands.

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

Table 10. U.S. Coal Exports
(Short Tons)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------------|-------------------------------|----------------------------|------------------|------------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 2,490,115 | 5,313,853 | 2,450,143 | 2,490,115 | 2,450,143 | 1.6 |
| Canada ² | 2,116,370 | 5,120,223 | 2,270,612 | 2,116,370 | 2,270,612 | -6.8 |
| Dominican Republic | - | 23,035 | 23,301 | - | 23,301 | - |
| Mexico | 325,684 | 169,827 | 147,964 | 325,684 | 147,964 | 120.1 |
| Other ³ | 48,061 | 768 | 8,266 | 48,061 | 8,266 | 481.4 |
| South America Total | 1,036,875 | 1,158,014 | 758,148 | 1,036,875 | 758,148 | 36.8 |
| Argentina | 49,008 | 99,890 | 40,159 | 49,008 | 40,159 | 22.0 |
| Brazil | 984,832 | 1,054,140 | 709,171 | 984,832 | 709,171 | 38.9 |
| Other ³ | 3,035 | 3,984 | 8,818 | 3,035 | 8,818 | -65.6 |
| Europe Total | 4,248,072 | 3,208,914 | 4,527,681 | 4,248,072 | 4,527,681 | -6.2 |
| Belgium | 533,809 | 538,370 | 575,556 | 533,809 | 575,556 | -7.3 |
| Bulgaria | 291,408 | 72,653 | - | 291,408 | - | - |
| Finland | - | 38,084 | - | - | - | - |
| France | 368,333 | 552,340 | 380,346 | 368,333 | 380,346 | -3.2 |
| Germany, Federal Republic of | 71,930 | - | 236,519 | 71,930 | 236,519 | -69.6 |
| Iceland | 22,035 | 29,197 | 24,435 | 22,035 | 24,435 | -9.8 |
| Ireland | - | 263,137 | 160,430 | - | 160,430 | - |
| Italy | 819,287 | 471,380 | 1,301,863 | 819,287 | 1,301,863 | -37.1 |
| Netherlands | 496,944 | 297,290 | 453,065 | 496,944 | 453,065 | 9.7 |
| Portugal | 137,802 | - | 126,319 | 137,802 | 126,319 | 9.1 |
| Spain | 504,639 | 366,105 | 468,234 | 504,639 | 468,234 | 7.8 |
| Sweden | 54,069 | 58,105 | 153,104 | 54,069 | 153,104 | -64.7 |
| Turkey | 340,867 | 246,508 | 60,976 | 340,867 | 60,976 | 459.0 |
| United Kingdom | 520,941 | 253,019 | 574,718 | 520,941 | 574,718 | -9.4 |
| Other ³ | 86,008 | 22,726 | 12,116 | 86,008 | 12,116 | (¹) |
| Asia Total | 20,675 | 76,368 | 1,232,736 | 20,675 | 1,232,736 | -98.3 |
| Israel | - | 22 | 130,693 | - | 130,693 | - |
| Japan | 2,828 | 1,042 | 1,033,756 | 2,828 | 1,033,756 | -99.7 |
| Korea, Republic of (South Korea) | 224 | 69,597 | 67,088 | 224 | 67,088 | -99.7 |
| Other ³ | 17,623 | 5,707 | 1,199 | 17,623 | 1,199 | (¹) |
| Oceania & Australia Total | 422 | 165 | 175 | 422 | 175 | 141.1 |
| Other ³ | 422 | 165 | 175 | 422 | 175 | 141.1 |
| Africa Total | 721,619 | 292,270 | 283,701 | 721,619 | 283,701 | 154.4 |
| Algeria | 128,525 | 129,563 | 129,305 | 128,525 | 129,305 | -0.6 |
| Egypt | 238,911 | 161,277 | 148,683 | 238,911 | 148,683 | 60.7 |
| Morocco | 351,777 | - | - | 351,777 | - | - |
| Other ³ | 2,406 | 1,430 | 5,713 | 2,406 | 5,713 | -57.9 |
| Total | 8,517,778 | 10,049,584 | 9,252,584 | 8,517,778 | 9,252,584 | -7.9 |

¹ Changes of 500 percent or more are not shown.

² 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.

³ Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

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

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

Table 11. Average Price of U.S. Coal Exports
(Dollars per Short Ton)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|----------------|----------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | \$36.48 | \$36.86 | \$30.45 | \$36.48 | \$30.45 | 19.8 |
| Canada ¹ | 35.39 | 36.43 | 29.92 | 35.39 | 29.92 | 18.3 |
| Mexico | 41.40 | 46.83 | 38.03 | 41.40 | 38.03 | 8.9 |
| Other ² | 32.76 | 40.78 | 39.93 | 32.76 | 39.93 | -17.9 |
| South America Total | 48.04 | 46.84 | 46.89 | 48.04 | 46.89 | 2.4 |
| Argentina | 34.12 | 40.18 | 37.04 | 34.12 | 37.04 | -7.9 |
| Brazil | 48.79 | 47.50 | 47.51 | 48.79 | 47.51 | 2.7 |
| Other ² | 39.88 | 39.47 | 40.14 | 39.88 | 40.14 | -0.6 |
| Europe Total | 44.33 | 45.59 | 43.01 | 44.33 | 43.01 | 3.1 |
| Belgium..... | 42.36 | 44.13 | 42.58 | 42.36 | 42.58 | -0.5 |
| Bulgaria..... | 45.00 | 50.80 | - | 45.00 | - | - |
| Finland | - | 45.13 | - | - | - | - |
| France | 49.93 | 49.93 | 50.35 | 49.93 | 50.35 | -0.8 |
| Germany, Federal Republic of | 28.61 | - | 32.59 | 28.61 | 32.59 | -12.2 |
| Iceland..... | 55.97 | 56.25 | 56.41 | 55.97 | 56.41 | -0.8 |
| Ireland..... | - | 25.63 | 34.49 | - | 34.49 | - |
| Italy..... | 48.99 | 50.81 | 47.34 | 48.99 | 47.34 | 3.5 |
| Netherlands..... | 47.21 | 49.12 | 41.02 | 47.21 | 41.02 | 15.1 |
| Portugal..... | 30.52 | - | 33.16 | 30.52 | 33.16 | -8.0 |
| Spain | 41.67 | 51.10 | 36.99 | 41.67 | 36.99 | 12.6 |
| Sweden..... | 49.44 | 49.44 | 50.54 | 49.44 | 50.54 | -2.2 |
| Turkey..... | 44.07 | 43.76 | 40.54 | 44.07 | 40.54 | 8.7 |
| United Kingdom..... | 42.41 | 38.06 | 42.17 | 42.41 | 42.17 | 0.6 |
| Other ² | 24.79 | 50.99 | 34.47 | 24.79 | 34.47 | -28.1 |
| Asia Total | 49.99 | 26.35 | 35.57 | 49.99 | 35.57 | 40.5 |
| Israel | - | - | 31.98 | - | 31.98 | - |
| Japan | 46.52 | 42.40 | 36.71 | 46.52 | 36.71 | 26.7 |
| Korea, Republic of (South Korea)..... | 34.39 | 25.10 | 25.00 | 34.39 | 25.00 | 37.6 |
| Other ² | 50.64 | 40.03 | 40.46 | 50.64 | 40.46 | 25.2 |
| Africa Total | 39.83 | 44.48 | 43.00 | 39.83 | 43.00 | -7.4 |
| Algeria | 48.53 | 48.53 | 53.00 | 48.53 | 53.00 | -8.4 |
| Egypt..... | 41.00 | 41.26 | 34.43 | 41.00 | 34.43 | 19.1 |
| Morocco..... | 35.85 | - | - | 35.85 | - | - |
| Other ² | 39.97 | 39.89 | 39.88 | 39.97 | 39.88 | 0.2 |
| Total ³ | 42.69 | 41.50 | 39.10 | 42.69 | 39.10 | 9.2 |
| U.S. Total ⁴ | 39.72 | 38.58 | 39.57 | 39.72 | 39.57 | 0.4 |

¹ 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.

² Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

³ 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. Therefore, the total price column in this table will not equal the U.S. total prices in Table 8.

⁴ U.S. Total is the average price of all coal exports.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value.

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

Table 12. U.S. Steam Coal Exports
(Short Tons)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------------|-------------------------------|----------------------------|------------------|------------------|-----------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 2,084,372 | 3,848,880 | 2,129,522 | 2,084,372 | 2,129,522 | -2.1 |
| Canada ² | 1,940,596 | 3,819,352 | 2,094,211 | 1,940,596 | 2,094,211 | -7.3 |
| Dominican Republic | - | 23,035 | 23,301 | - | 23,301 | - |
| Mexico | 95,715 | 5,725 | 3,744 | 95,715 | 3,744 | (¹) |
| Other ³ | 48,061 | 768 | 8,266 | 48,061 | 8,266 | 481.4 |
| South America Total | 3,587 | 6,435 | 9,857 | 3,587 | 9,857 | -63.6 |
| Argentina | 381 | 1,265 | 544 | 381 | 544 | -30.0 |
| Brazil | 171 | 1,186 | 495 | 171 | 495 | -65.5 |
| Other ³ | 3,035 | 3,984 | 8,818 | 3,035 | 8,818 | -65.6 |
| Europe Total | 663,598 | 563,587 | 1,538,877 | 663,598 | 1,538,877 | -56.9 |
| Belgium | 76,289 | 125,536 | 125,856 | 76,289 | 125,856 | -39.4 |
| France | - | 338 | - | - | - | - |
| Germany, Federal Republic of | 71,930 | - | 153,509 | 71,930 | 153,509 | -53.1 |
| Ireland | - | 263,137 | 160,430 | - | 160,430 | - |
| Italy | 68,390 | 357 | 480,195 | 68,390 | 480,195 | -85.8 |
| Netherlands | 82,469 | 1,322 | 221,621 | 82,469 | 221,621 | -62.8 |
| Portugal | 137,802 | - | 126,319 | 137,802 | 126,319 | 9.1 |
| Spain | 68,951 | 73,366 | 135,099 | 68,951 | 135,099 | -49.0 |
| Turkey | 873 | 5,542 | 361 | 873 | 361 | 141.8 |
| United Kingdom | 78,651 | 93,989 | 123,371 | 78,651 | 123,371 | -36.2 |
| Other ³ | 78,243 | - | 12,116 | 78,243 | 12,116 | (¹) |
| Asia Total | 8,299 | 76,324 | 1,232,693 | 8,299 | 1,232,693 | -99.3 |
| Israel | - | 22 | 130,693 | - | 130,693 | - |
| Japan | 1,352 | 1,042 | 1,033,756 | 1,352 | 1,033,756 | -99.9 |
| Korea, Republic of (South Korea) | 224 | 69,597 | 67,088 | 224 | 67,088 | -99.7 |
| Other ³ | 6,723 | 5,663 | 1,156 | 6,723 | 1,156 | 481.6 |
| Oceania & Australia Total | 422 | 165 | 175 | 422 | 175 | 141.1 |
| Other ³ | 422 | 165 | 175 | 422 | 175 | 141.1 |
| Africa Total | 142,503 | 2,637 | 11,665 | 142,503 | 11,665 | (¹) |
| Algeria | - | - | 5,952 | - | 5,952 | - |
| Egypt | 1,419 | 1,207 | - | 1,419 | - | - |
| Morocco | 138,678 | - | - | 138,678 | - | - |
| Other ³ | 2,406 | 1,430 | 5,713 | 2,406 | 5,713 | -57.9 |
| Total | 2,902,781 | 4,498,028 | 4,922,789 | 2,902,781 | 4,922,789 | -41.0 |

¹ Changes of 500 percent or more are not shown.

² 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.

³ Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

Note: • Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

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

Table 13. Average Price of U.S. Steam Coal Exports
(Dollars per Short Tons)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|----------------|----------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | \$35.00 | \$35.74 | \$29.58 | \$35.00 | \$29.58 | 18.3 |
| Canada ¹ | 35.71 | 35.73 | 29.53 | 35.71 | 29.53 | 20.9 |
| Mexico | 27.74 | 38.18 | 45.71 | 27.74 | 45.71 | -39.3 |
| Other ² | 32.76 | 40.78 | 39.93 | 32.76 | 39.93 | -17.9 |
| South America Total | 39.14 | 37.88 | 40.14 | 39.14 | 40.14 | -2.5 |
| Argentina | 25.12 | 35.92 | 40.45 | 25.12 | 40.45 | -37.9 |
| Brazil | 40.74 | 34.48 | 39.88 | 40.74 | 39.88 | 2.2 |
| Other ² | 39.88 | 39.47 | 40.14 | 39.88 | 40.14 | -0.6 |
| Europe Total | 30.21 | 27.20 | 32.96 | 30.21 | 32.96 | -8.3 |
| Belgium..... | 27.71 | 29.91 | 29.42 | 27.71 | 29.42 | -5.8 |
| Germany, Federal Republic of | 28.61 | - | 31.20 | 28.61 | 31.20 | -8.3 |
| Ireland | - | 25.63 | 34.49 | - | 34.49 | - |
| Italy | 41.73 | 50.54 | 38.83 | 41.73 | 38.83 | 7.5 |
| Netherlands | 40.21 | 29.65 | 29.97 | 40.21 | 29.97 | 34.2 |
| Portugal..... | 30.52 | - | 33.16 | 30.52 | 33.16 | -8.0 |
| Spain | 21.71 | 40.81 | 21.47 | 21.71 | 21.47 | 1.1 |
| Turkey | 40.42 | 40.47 | 40.70 | 40.42 | 40.70 | -0.7 |
| United Kingdom | 25.81 | 27.70 | 31.51 | 25.81 | 31.51 | -18.1 |
| Other ² | 24.79 | - | 34.47 | 24.79 | 34.47 | -28.1 |
| Asia Total | 39.81 | 26.35 | 35.57 | 39.81 | 35.57 | 11.9 |
| Israel | - | - | 31.98 | - | 31.98 | - |
| Japan | 39.24 | 42.40 | 36.71 | 39.24 | 36.71 | 6.9 |
| Korea, Republic of (South Korea)..... | 34.39 | 25.10 | 25.00 | 34.39 | 25.00 | 37.6 |
| Other ² | 40.05 | 40.03 | 40.46 | 40.05 | 40.46 | -1.0 |
| Africa Total | 34.32 | 40.08 | 32.47 | 34.32 | 32.47 | 5.7 |
| Algeria | - | - | 25.36 | - | 25.36 | - |
| Egypt..... | 39.98 | 40.29 | - | 39.98 | - | - |
| Morocco..... | 34.17 | - | - | 34.17 | - | - |
| Other ² | 39.97 | 39.89 | 39.88 | 39.97 | 39.88 | 0.2 |
| Total ³ | 33.45 | 34.19 | 32.21 | 33.45 | 32.21 | 3.8 |
| U.S. Total ⁴ | 26.91 | 29.79 | 33.20 | 26.91 | 33.20 | -18.9 |

¹ 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.

² Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

³ 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.

⁴ U.S. Total is the average price of all coal exports.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

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

Table 14. U.S. Metallurgical Coal Exports
(Short Tons)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|------------------|------------------|-----------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 405,743 | 1,464,973 | 320,621 | 405,743 | 320,621 | 26.5 |
| Canada ² | 175,774 | 1,300,871 | 176,401 | 175,774 | 176,401 | -0.4 |
| Mexico | 229,969 | 164,102 | 144,220 | 229,969 | 144,220 | 59.5 |
| South America Total | 1,033,288 | 1,151,579 | 748,291 | 1,033,288 | 748,291 | 38.1 |
| Argentina | 48,627 | 98,625 | 39,615 | 48,627 | 39,615 | 22.7 |
| Brazil | 984,661 | 1,052,954 | 708,676 | 984,661 | 708,676 | 38.9 |
| Europe Total | 3,584,474 | 2,645,327 | 2,988,804 | 3,584,474 | 2,988,804 | 19.9 |
| Belgium..... | 457,520 | 412,834 | 449,700 | 457,520 | 449,700 | 1.7 |
| Bulgaria..... | 291,408 | 72,653 | - | 291,408 | - | - |
| Finland..... | - | 38,084 | - | - | - | - |
| France | 368,333 | 552,002 | 380,346 | 368,333 | 380,346 | -3.2 |
| Germany, Federal Republic of | - | - | 83,010 | - | 83,010 | - |
| Iceland..... | 22,035 | 29,197 | 24,435 | 22,035 | 24,435 | -9.8 |
| Italy..... | 750,897 | 471,023 | 821,668 | 750,897 | 821,668 | -8.6 |
| Netherlands..... | 414,475 | 295,968 | 231,444 | 414,475 | 231,444 | 79.1 |
| Spain..... | 435,688 | 292,739 | 333,135 | 435,688 | 333,135 | 30.8 |
| Sweden..... | 54,069 | 58,105 | 153,104 | 54,069 | 153,104 | -64.7 |
| Turkey..... | 339,994 | 240,966 | 60,615 | 339,994 | 60,615 | 460.9 |
| United Kingdom..... | 442,290 | 159,030 | 451,347 | 442,290 | 451,347 | -2.0 |
| Other ³ | 7,765 | 22,726 | - | 7,765 | - | - |
| Asia Total | 12,376 | 44 | 43 | 12,376 | 43 | (¹) |
| Japan..... | 1,476 | - | - | 1,476 | - | - |
| Other ³ | 10,900 | 44 | 43 | 10,900 | 43 | (¹) |
| Africa Total | 579,116 | 289,633 | 272,036 | 579,116 | 272,036 | 112.9 |
| Algeria..... | 128,525 | 129,563 | 123,353 | 128,525 | 123,353 | 4.2 |
| Egypt..... | 237,492 | 160,070 | 148,683 | 237,492 | 148,683 | 59.7 |
| Morocco..... | 213,099 | - | - | 213,099 | - | - |
| Total | 5,614,997 | 5,551,556 | 4,329,795 | 5,614,997 | 4,329,795 | 29.7 |

¹ Changes of 500 percent or more are not shown.

² 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.

³ Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

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

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

Table 15. Average Price of U.S. Metallurgical Coal Exports
(Dollars per Short Ton)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 41.11 | 38.82 | 35.96 | 41.11 | 35.96 | 14.3 |
| Canada ¹ | 33.37 | 37.78 | 34.39 | 33.37 | 34.39 | -3.0 |
| Mexico | 47.03 | 47.04 | 37.87 | 47.03 | 37.87 | 24.2 |
| South America Total | 48.07 | 46.89 | 46.96 | 48.07 | 46.96 | 2.4 |
| Argentina | 34.15 | 40.24 | 37.00 | 34.15 | 37.00 | -7.7 |
| Brazil | 48.79 | 47.52 | 47.52 | 48.79 | 47.52 | 2.7 |
| Europe Total | 46.94 | 48.98 | 48.20 | 46.94 | 48.20 | -2.6 |
| Belgium..... | 44.80 | 48.45 | 46.26 | 44.80 | 46.26 | -3.2 |
| Bulgaria..... | 45.00 | 50.80 | - | 45.00 | - | - |
| Finland..... | - | 45.13 | - | - | - | - |
| France | 49.93 | 49.93 | 50.35 | 49.93 | 50.35 | -0.8 |
| Germany, Federal Republic of | - | - | 35.15 | - | 35.15 | - |
| Iceland..... | 55.97 | 56.25 | 56.41 | 55.97 | 56.41 | -0.8 |
| Italy..... | 49.65 | 50.81 | 52.32 | 49.65 | 52.32 | -5.1 |
| Netherlands..... | 48.60 | 49.21 | 51.60 | 48.60 | 51.60 | -5.8 |
| Spain..... | 44.82 | 51.13 | 43.29 | 44.82 | 43.29 | 3.5 |
| Sweden..... | 49.44 | 49.44 | 50.54 | 49.44 | 50.54 | -2.2 |
| Turkey..... | 44.08 | 43.77 | 40.54 | 44.08 | 40.54 | 8.7 |
| United Kingdom..... | 45.36 | 44.18 | 45.08 | 45.36 | 45.08 | 0.6 |
| Other ² | - | 50.99 | - | - | - | - |
| Asia Total | 56.40 | - | - | 56.40 | - | - |
| Japan..... | 50.81 | - | - | 50.81 | - | - |
| Other ² | 57.16 | - | - | 57.16 | - | - |
| Africa Total | 41.18 | 44.52 | 43.45 | 41.18 | 43.45 | -5.2 |
| Algeria..... | 48.53 | 48.53 | 54.33 | 48.53 | 54.33 | -10.7 |
| Egypt..... | 41.00 | 41.27 | 34.43 | 41.00 | 34.43 | 19.1 |
| Morocco..... | 36.94 | - | - | 36.94 | - | - |
| Total ³ | 46.14 | 45.63 | 46.78 | 46.14 | 46.78 | -1.4 |
| U.S. Total ⁴ | 46.34 | 45.70 | 46.82 | 46.34 | 46.82 | -1.0 |

¹ 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.

² Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

³ 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.

⁴ U.S. Total is the average price of all coal exports.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value.

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

Table 16. Coal Exports by Customs District
(Short Tons)

| Customs District | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|-----------------------------|----------------------------|-------------------------------|----------------------------|------------------|------------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Eastern Total | 4,747,427 | 3,886,987 | 4,678,595 | 4,747,427 | 4,678,595 | 1.5 |
| Baltimore, MD..... | 691,031 | 541,014 | 1,221,063 | 691,031 | 1,221,063 | -43.4 |
| Buffalo, NY..... | 3,781 | 32,469 | 3,198 | 3,781 | 3,198 | 18.2 |
| New York, NY..... | 481 | 286 | 512 | 481 | 512 | -6.1 |
| Norfolk, VA..... | 3,979,237 | 3,208,998 | 3,444,709 | 3,979,237 | 3,444,709 | 15.5 |
| Ogdensburg, NY..... | 4,604 | 104,067 | 8,708 | 4,604 | 8,708 | -47.1 |
| Philadelphia, PA..... | 73 | - | 218 | 73 | 218 | -66.5 |
| Portland, ME..... | 68,003 | - | - | 68,003 | - | - |
| St. Albans, VT..... | 217 | 153 | 187 | 217 | 187 | 16.0 |
| Southern Total | 1,744,190 | 1,140,480 | 1,361,927 | 1,744,190 | 1,361,927 | 28.1 |
| Charleston, SC..... | 422 | 21 | 10 | 422 | 10 | (¹) |
| El Paso, TX..... | 21 | - | - | 21 | - | - |
| Houston-Galveston, TX..... | 17,891 | 33,500 | 60,627 | 17,891 | 60,627 | -70.5 |
| Laredo, TX..... | 234,996 | 168,073 | 147,715 | 234,996 | 147,715 | 59.1 |
| Miami, FL..... | 311 | 9 | 582 | 311 | 582 | -46.6 |
| Mobile, AL..... | 1,153,845 | 829,931 | 993,113 | 1,153,845 | 993,113 | 16.2 |
| New Orleans, LA..... | 336,135 | 107,760 | 158,793 | 336,135 | 158,793 | 111.7 |
| Savannah, GA..... | 353 | - | 720 | 353 | 720 | -51.0 |
| Tampa, FL..... | 216 | 1,067 | 367 | 216 | 367 | -41.1 |
| Wilmington, NC..... | - | 119 | - | - | - | - |
| Western Total | 55,496 | 72,060 | 1,102,587 | 55,496 | 1,102,587 | -95.0 |
| Anchorage, AK..... | 45,890 | 68,592 | 66,874 | 45,890 | 66,874 | -31.4 |
| Great Falls, MT..... | 2,256 | 481 | 859 | 2,256 | 859 | 162.6 |
| Los Angeles, CA..... | 5,927 | 903 | 1,033,729 | 5,927 | 1,033,729 | -99.4 |
| San Diego, CA..... | - | 226 | 249 | - | 249 | - |
| San Francisco, CA..... | - | - | 179 | - | 179 | - |
| Seattle, WA..... | 1,423 | 1,858 | 697 | 1,423 | 697 | 104.2 |
| Northern Total | 1,963,043 | 4,941,957 | 2,102,511 | 1,963,043 | 2,102,511 | -6.6 |
| Cleveland, OH..... | 1,162,203 | 3,594,554 | 1,995,889 | 1,162,203 | 1,995,889 | -41.8 |
| Detroit, MI..... | 32,818 | 106,873 | 2,380 | 32,818 | 2,380 | (¹) |
| Duluth, MN..... | 757,498 | 1,234,962 | 97,940 | 757,498 | 97,940 | (¹) |
| Pembina, ND..... | 10,524 | 5,568 | 6,302 | 10,524 | 6,302 | 67.0 |
| Other Ports | 7,622 | 8,100 | 6,964 | 7,622 | 6,964 | 9.4 |
| Total | 8,517,778 | 10,049,584 | 9,252,584 | 8,517,778 | 9,252,584 | -7.9 |

¹ Changes of 500 percent or more are not shown.

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

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

Table 17. U.S. Coke Exports
(Short Tons)

| Continent and Country of Destination | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|----------------|----------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 102,968 | 258,655 | 103,514 | 102,968 | 103,514 | -0.5 |
| Canada ¹ | 81,333 | 240,263 | 59,404 | 81,333 | 59,404 | 36.9 |
| Mexico | 20,032 | 18,287 | 43,702 | 20,032 | 43,702 | -54.2 |
| Other ² | 1,603 | 105 | 408 | 1,603 | 408 | 292.9 |
| Asia Total | - | 874 | 147 | - | 147 | - |
| Japan | - | - | 104 | - | 104 | - |
| Other ² | - | 874 | 43 | - | 43 | - |
| Africa Total | 21,481 | - | - | 21,481 | - | - |
| Other ² | 21,481 | - | - | 21,481 | - | - |
| Total | 124,449 | 259,529 | 103,661 | 124,449 | 103,661 | 20.1 |

¹ 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.

² Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

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

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

Table 18. U.S. Coal Imports
(Short Tons)

| Continent and Country of Origin | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------------|-------------------------------|----------------------------|------------------|------------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 404,987 | 593,754 | 494,635 | 404,987 | 494,635 | -18.1 |
| Canada | 404,941 | 561,375 | 454,454 | 404,941 | 454,454 | -10.9 |
| Dominican Republic | 46 | 393 | 124 | 46 | 124 | -62.9 |
| Mexico | - | - | 40,057 | - | 40,057 | - |
| Trinidad and Tobago | - | 31,986 | - | - | - | - |
| South America Total | 3,935,457 | 3,371,765 | 2,902,224 | 3,935,457 | 2,902,224 | 35.6 |
| Argentina | 23 | 22 | - | 23 | - | - |
| Chile | - | 6 | - | - | 6 | - |
| Colombia | 3,316,063 | 2,629,991 | 2,135,798 | 3,316,063 | 2,135,798 | 55.3 |
| Venezuela | 619,371 | 741,746 | 766,426 | 619,371 | 766,426 | -19.2 |
| Europe Total | - | 43,913 | 121,930 | - | 121,930 | - |
| Italy | - | - | 121 | - | 121 | - |
| Poland | - | 43,843 | 77,817 | - | 77,817 | - |
| Russia | - | - | 43,981 | - | 43,981 | - |
| United Kingdom | - | 70 | 11 | - | 11 | - |
| Asia Total | 573,154 | 175,147 | 267,632 | 573,154 | 267,632 | 114.2 |
| China | 5,932 | 38,058 | 2,221 | 5,932 | 2,221 | 167.1 |
| India | - | 173 | 927 | - | 927 | - |
| Indonesia | 567,222 | 136,916 | 264,484 | 567,222 | 264,484 | 114.5 |
| Oceania & Australia Total | 40,512 | 179,926 | 136,672 | 40,512 | 136,672 | -70.4 |
| Australia | 39,689 | 179,926 | 136,672 | 39,689 | 136,672 | -71.0 |
| New Zealand | 823 | - | - | 823 | - | - |
| Africa Total | - | - | 77,314 | - | 77,314 | - |
| South Africa, Republic of | - | - | 77,314 | - | 77,314 | - |
| Total | 4,954,110 | 4,364,505 | 4,000,407 | 4,954,110 | 4,000,407 | 23.8 |

Note: • Total may not equal sum of components because of independent rounding. Coal imports include coal to Puerto Rico and the Virgin Islands.

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

Table 19. Average Price of U.S. Coal Imports
(Dollars per Short Ton)

| Continent and County of Origin | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------------|-------------------------------|----------------------------|----------------|----------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | \$48.18 | \$46.17 | \$45.69 | \$48.18 | \$45.69 | 5.5 |
| Canada | 48.18 | 46.17 | 47.35 | 48.18 | 47.35 | 1.8 |
| Mexico | - | - | 28.27 | - | 28.27 | - |
| South America Total | 29.66 | 31.22 | 34.32 | 29.66 | 34.32 | -13.6 |
| Colombia..... | 29.18 | 29.94 | 31.56 | 29.18 | 31.56 | -7.6 |
| Venezuela | 32.23 | 35.77 | 42.01 | 32.23 | 42.01 | -23.3 |
| Europe Total | - | 33.59 | 34.93 | - | 34.93 | - |
| Italy | - | - | 33.52 | - | 33.52 | - |
| Poland..... | - | 33.59 | 33.15 | - | 33.15 | - |
| Russia..... | - | - | 38.10 | - | 38.10 | - |
| Asia Total | 31.46 | 32.48 | 33.64 | 31.46 | 33.64 | -6.5 |
| China..... | - | 23.10 | - | - | - | - |
| Indonesia..... | 31.46 | 34.93 | 33.64 | 31.46 | 33.64 | -6.5 |
| Oceania & Australia Total | 29.84 | 37.98 | 41.33 | 29.84 | 41.33 | -27.8 |
| Australia..... | 29.84 | 37.98 | 41.33 | 29.84 | 41.33 | -27.8 |
| Africa Total | - | - | 32.36 | - | 32.36 | - |
| South Africa, Republic of..... | - | - | 32.36 | - | 32.36 | - |
| Total¹ | 31.16 | 33.44 | 35.82 | 31.16 | 35.82 | -13.0 |
| U.S. Total² | 31.65 | 34.78 | 36.17 | 31.65 | 36.17 | -12.5 |

¹ 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.

² U.S. Total is the average price of all coal imports.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Coal imports include coal to Puerto Rico and the Virgin Islands.

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

Table 20. Coal Imports by Customs District
(Short Tons)

| Customs District | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|-----------------------------|----------------------------|-------------------------------|----------------------------|------------------|------------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Eastern Total | 1,550,525 | 1,358,097 | 1,133,941 | 1,550,525 | 1,133,941 | 36.7 |
| Baltimore, MD..... | - | 46,572 | 51,205 | - | 51,205 | - |
| Boston, MA..... | 1,010,307 | 740,456 | 512,775 | 1,010,307 | 512,775 | 97.0 |
| New York, NY..... | 224,745 | 218,583 | 256,466 | 224,745 | 256,466 | -12.4 |
| Philadelphia, PA..... | 111,831 | 109,680 | 152,529 | 111,831 | 152,529 | -26.7 |
| Portland, ME..... | 203,642 | 207,525 | 160,966 | 203,642 | 160,966 | 26.5 |
| Providence, RI..... | - | 35,281 | - | - | - | - |
| Southern Total | 2,780,127 | 2,353,495 | 2,292,061 | 2,780,127 | 2,292,061 | 21.3 |
| Charleston, SC..... | 6 | - | - | 6 | - | - |
| Houston-Galveston, TX..... | - | 28,940 | 51,461 | - | 51,461 | - |
| Laredo, TX..... | - | - | 12,568 | - | 12,568 | - |
| Miami, FL..... | 23 | 28 | 43,981 | 23 | 43,981 | -99.9 |
| Mobile, AL..... | 1,782,349 | 1,432,194 | 1,400,691 | 1,782,349 | 1,400,691 | 27.2 |
| New Orleans, LA..... | 117,275 | 118,227 | 266,917 | 117,275 | 266,917 | -56.1 |
| San Juan, PR..... | 263,925 | 410,139 | 165,423 | 263,925 | 165,423 | 59.5 |
| Savannah, GA..... | 114,696 | 144,068 | 35,251 | 114,696 | 35,251 | 225.4 |
| Tampa, FL..... | 416,751 | 180,168 | 315,769 | 416,751 | 315,769 | 32.0 |
| Wilmington, NC..... | 85,102 | 39,731 | - | 85,102 | - | - |
| Western Total | 242,528 | 133,245 | 158,086 | 242,528 | 158,086 | 53.4 |
| Great Falls, MT..... | 344 | 5,769 | 22 | 344 | 22 | (¹) |
| Honolulu, HI..... | 218,517 | 91,468 | 119,940 | 218,517 | 119,940 | 82.2 |
| San Francisco, CA..... | 5,256 | - | - | 5,256 | - | - |
| Seattle, WA..... | 18,411 | 36,008 | 38,124 | 18,411 | 38,124 | -51.7 |
| Northern Total | 380,930 | 519,668 | 416,319 | 380,930 | 416,319 | -8.5 |
| Detroit, MI..... | 21,621 | 154,661 | 28,833 | 21,621 | 28,833 | -25.0 |
| Duluth, MN..... | 7,438 | 6,988 | 6,772 | 7,438 | 6,772 | 9.8 |
| Pembina, ND..... | 351,871 | 358,019 | 380,714 | 351,871 | 380,714 | -7.6 |
| Total | 4,954,110 | 4,364,505 | 4,000,407 | 4,954,110 | 4,000,407 | 23.8 |

¹ Changes of 500 percent or more are not shown.

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

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

Table 21. U.S. Coke Imports
(Short Tons)

| Continent and Country of Origin | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|------------------------------------|----------------------------|-------------------------------|----------------------------|----------------|----------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| North America Total | 2,849 | 5,448 | 3,239 | 2,849 | 3,239 | -12.0 |
| Canada..... | 2,849 | 5,448 | 3,239 | 2,849 | 3,239 | -12.0 |
| South America Total | 18,188 | - | - | 18,188 | - | - |
| Colombia..... | 18,188 | - | - | 18,188 | - | - |
| Europe Total | 84 | 42,816 | 44 | 84 | 44 | 90.9 |
| Germany, Federal Republic of..... | 84 | 51 | 44 | 84 | 44 | 90.9 |
| Poland..... | - | 42,765 | - | - | - | - |
| Asia Total | 814,466 | 912,927 | 505,604 | 814,466 | 505,604 | 61.1 |
| China..... | 364,809 | 519,725 | 269,537 | 364,809 | 269,537 | 35.3 |
| Japan..... | 449,657 | 393,202 | 236,067 | 449,657 | 236,067 | 90.5 |
| Africa Total | - | 38,581 | - | - | - | - |
| Egypt..... | - | 38,581 | - | - | - | - |
| Total | 835,587 | 999,772 | 508,887 | 835,587 | 508,887 | 64.2 |

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

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

Receipts

Table 22. Coal Receipts at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--------------------------|----------------------------|-------------------------------|----------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Mid Atlantic | W | W | W | W | W | W |
| East North Central | 2,769 | 2,694 | 2,740 | 2,769 | 2,740 | 1.1 |
| South Atlantic | W | W | W | W | W | W |
| East South Central..... | 602 | 585 | 525 | 602 | 525 | 14.6 |
| U.S. Total..... | 5,938 | 5,593 | 5,179 | 5,938 | 5,179 | 14.7 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Table 23. Average Price of Coal Receipts at Coke Plants by Census Division
(Dollars per Short Tons)

| Census Division | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--------------------------|----------------------------|-------------------------------|----------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Mid Atlantic | W | W | W | W | W | W |
| East North Central | 52.42 | 52.73 | 52.88 | 52.42 | 52.88 | -0.9 |
| South Atlantic | W | W | W | W | W | W |
| East South Central..... | 48.68 | 49.76 | 49.79 | 48.68 | 49.79 | -2.2 |
| U.S. Total..... | 50.33 | 52.27 | 51.17 | 50.33 | 51.17 | -1.7 |

W = Withheld to avoid disclosure of individual company data.

Note: • Average price is based on the cost, insurance, and freight (c.i.f. value). Total may not equal sum of components because of independent rounding.

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Table 24. Coal Receipts at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---------------------------------------|----------------------|-------------------------|----------------------|---------------|---------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| New England Total | W | W | W | W | W | W |
| Maine..... | W | W | W | W | W | W |
| Massachusetts..... | W | W | W | W | W | W |
| Mid Atlantic Total | W | W | W | W | W | W |
| New Jersey..... | W | W | W | W | W | W |
| New York..... | 295 | 397 | 292 | 295 | 292 | 1.1 |
| Pennsylvania..... | 765 | 763 | 805 | 765 | 805 | -5.0 |
| East North Central Total | 3,213 | 3,928 | 3,252 | 3,213 | 3,252 | -1.2 |
| Illinois..... | 824 | 888 | 747 | 824 | 747 | 10.4 |
| Indiana..... | 1,178 | 1,462 | 1,212 | 1,178 | 1,212 | -2.8 |
| Michigan..... | 254 | 616 | 333 | 254 | 333 | -23.9 |
| Ohio..... | 590 | 540 | 600 | 590 | 600 | -1.5 |
| Wisconsin..... | 367 | 422 | 361 | 367 | 361 | 1.6 |
| West North Central Total | W | W | 4,346 | W | 4,346 | W |
| Iowa..... | 534 | 805 | 503 | 534 | 503 | 6.2 |
| Kansas..... | 26 | 48 | 43 | 26 | 43 | -40.3 |
| Minnesota..... | 229 | 437 | 254 | 229 | 254 | -9.9 |
| Missouri..... | 238 | 244 | 251 | 238 | 251 | -5.2 |
| Nebraska..... | 112 | 157 | 104 | 112 | 104 | 7.5 |
| North Dakota..... | W | W | W | W | W | W |
| South Dakota..... | 65 | 84 | W | 65 | W | -18.7 |
| South Atlantic Total | W | W | W | W | W | W |
| Delaware..... | W | W | W | W | W | W |
| Florida..... | 266 | 278 | 322 | 266 | 322 | -17.2 |
| Georgia..... | 427 | 444 | 466 | 427 | 466 | -8.4 |
| Maryland..... | 308 | 333 | 336 | 308 | 336 | -8.3 |
| North Carolina..... | 401 | 380 | 484 | 401 | 484 | -17.2 |
| South Carolina..... | 544 | 398 | 491 | 544 | 491 | 10.8 |
| Virginia..... | 550 | 563 | 554 | 550 | 554 | -0.7 |
| West Virginia..... | 424 | 384 | 395 | 424 | 395 | 7.2 |
| East South Central Total | W | W | W | W | W | W |
| Alabama..... | 524 | 554 | 536 | 524 | 536 | -2.2 |
| Kentucky..... | 343 | 375 | 356 | 343 | 356 | -3.8 |
| Mississippi..... | W | W | W | W | W | W |
| Tennessee..... | 924 | 897 | 941 | 924 | 941 | -1.8 |
| West South Central Total | W | W | W | W | W | W |
| Arkansas..... | 105 | 99 | 101 | 105 | 101 | 4.1 |
| Louisiana..... | W | W | W | W | W | W |
| Oklahoma..... | W | W | 189 | W | 189 | W |
| Texas..... | 978 | 1,007 | 976 | 978 | 976 | 0.2 |
| Mountain Total | 1,032 | 1,204 | 1,091 | 1,032 | 1,091 | -5.4 |
| Arizona..... | 142 | 144 | 188 | 142 | 188 | -24.6 |
| Colorado..... | W | W | W | W | W | W |
| Idaho..... | 106 | 127 | 91 | 106 | 91 | 15.8 |
| Montana..... | W | W | W | W | W | W |
| Nevada..... | W | W | W | W | W | W |
| New Mexico..... | W | W | W | W | W | W |
| Utah..... | 256 | 264 | 242 | 256 | 242 | 5.6 |
| Wyoming..... | 368 | 421 | 393 | 368 | 393 | -6.6 |
| Pacific Total | W | W | W | W | W | W |
| Alaska..... | W | W | W | W | W | - |
| California..... | 419 | 512 | 433 | 419 | 433 | -3.1 |
| Hawaii..... | W | - | - | W | - | - |
| Oregon..... | W | W | - | W | - | - |
| Washington..... | W | W | W | W | W | W |
| U.S. Total | 15,997 | 17,730 | 16,498 | 15,997 | 16,498 | -3.0 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-6A, "Coal Distribution Report;" and Form EIA-7A, "Coal Production Report."

Table 25. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State
(Dollars per Short Ton)

| Census Division and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---------------------------------------|----------------------|-------------------------|----------------------|--------------|--------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| New England Total | W | W | W | W | W | W |
| Maine..... | W | W | W | W | W | W |
| Massachusetts..... | W | W | W | W | W | W |
| Mid Atlantic Total | W | W | W | W | W | W |
| New Jersey..... | W | W | W | W | W | - |
| New York..... | 49.39 | 47.98 | 47.71 | 49.39 | 47.71 | 3.5 |
| Pennsylvania..... | 37.60 | 37.21 | 39.24 | 37.60 | 39.24 | -4.2 |
| East North Central Total | 37.56 | 38.97 | 38.65 | 37.56 | 38.65 | -2.8 |
| Illinois..... | 29.17 | 29.76 | 30.31 | 29.17 | 30.31 | -3.8 |
| Indiana..... | 36.70 | 39.12 | 38.52 | 36.70 | 38.52 | -4.7 |
| Michigan..... | 50.10 | 45.76 | 46.99 | 50.10 | 46.99 | 6.6 |
| Ohio..... | 40.91 | 40.84 | 41.06 | 40.91 | 41.06 | -0.4 |
| Wisconsin..... | 46.60 | 46.17 | 45.57 | 46.60 | 45.57 | 2.3 |
| West North Central Total | W | W | 15.87 | W | 15.87 | W |
| Iowa..... | 25.65 | 29.17 | 28.71 | 25.65 | 28.71 | -10.7 |
| Kansas..... | 37.14 | 35.82 | 36.88 | 37.14 | 36.88 | 0.7 |
| Minnesota..... | 35.95 | 30.14 | 38.34 | 35.95 | 38.34 | -6.2 |
| Missouri..... | 34.08 | 37.76 | 35.85 | 34.08 | 35.85 | -4.9 |
| Nebraska..... | 20.01 | 23.01 | 20.05 | 20.01 | 20.05 | -0.2 |
| North Dakota..... | W | W | W | W | W | W |
| South Dakota..... | 20.64 | 18.72 | W | 20.64 | W | W |
| South Atlantic Total | W | W | W | W | W | W |
| Delaware..... | W | W | W | W | W | W |
| Florida..... | 47.97 | 46.55 | 44.39 | 47.97 | 44.39 | 8.1 |
| Georgia..... | 48.26 | 51.60 | 49.26 | 48.26 | 49.26 | -2.0 |
| Maryland..... | 40.01 | 39.76 | 42.18 | 40.01 | 42.18 | -5.2 |
| North Carolina..... | 48.75 | 50.37 | 50.74 | 48.75 | 50.74 | -3.9 |
| South Carolina..... | 48.12 | 50.37 | 52.41 | 48.12 | 52.41 | -8.2 |
| Virginia..... | 47.06 | 47.60 | 50.59 | 47.06 | 50.59 | -7.0 |
| West Virginia..... | 37.32 | 38.34 | 41.06 | 37.32 | 41.06 | -9.1 |
| East South Central Total | W | W | W | W | W | W |
| Alabama..... | 43.23 | 42.02 | 43.46 | 43.23 | 43.46 | -0.5 |
| Kentucky..... | 45.55 | 47.40 | 50.25 | 45.55 | 50.25 | -9.3 |
| Mississippi..... | W | W | W | W | W | W |
| Tennessee..... | 38.21 | 39.22 | 41.70 | 38.21 | 41.70 | -8.4 |
| West South Central Total | W | W | W | W | W | W |
| Arkansas..... | 47.36 | 45.92 | 46.69 | 47.36 | 46.69 | 1.4 |
| Louisiana..... | W | W | W | W | W | W |
| Oklahoma..... | W | W | 28.15 | W | 28.15 | W |
| Texas..... | 22.11 | 21.33 | 23.69 | 22.11 | 23.69 | -6.7 |
| Mountain Total | 29.94 | 29.56 | 29.70 | 29.94 | 29.70 | 0.8 |
| Arizona..... | 40.52 | 43.34 | 42.26 | 40.52 | 42.26 | -4.1 |
| Colorado..... | W | W | W | W | W | W |
| Idaho..... | 34.79 | 36.34 | 34.34 | 34.79 | 34.34 | 1.3 |
| Montana..... | W | W | W | W | W | W |
| Nevada..... | W | W | W | W | W | W |
| New Mexico..... | W | W | W | W | W | W |
| Utah..... | 27.44 | 25.76 | 24.15 | 27.44 | 24.15 | 13.6 |
| Wyoming..... | 24.77 | 25.22 | 24.94 | 24.77 | 24.94 | -0.7 |
| Pacific Total | W | W | W | W | W | W |
| California..... | 39.40 | 38.96 | 39.56 | 39.40 | 39.56 | -0.4 |
| Hawaii..... | W | - | - | W | - | - |
| Oregon..... | W | W | W | W | W | W |
| Washington..... | W | W | W | W | W | W |
| U.S. Total | 32.65 | 32.86 | 33.54 | 32.65 | 33.54 | -2.7 |

W = Withheld to avoid disclosure of individual company data.

Note: • Total may not equal sum of components because of independent rounding. Price data are for manufacturing plants only.

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

Table 26. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------|-------------------------|----------------------|---------------|---------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| 311 Food Manufacturing..... | 2,007 | 2,245 | 1,819 | 2,007 | 1,819 | 10.4 |
| 312 Beverage and Tobacco Product Mfg | 122 | 97 | 125 | 122 | 125 | -1.8 |
| 313 Textile Mills..... | 177 | 151 | 147 | 177 | 147 | 21.0 |
| 315 Apparel Manufacturing | W | W | W | W | W | W |
| 321 Wood Product Manufacturing | - | W | - | - | - | - |
| 322 Paper Manufacturing | 2,702 | 2,702 | 2,845 | 2,702 | 2,845 | -5.0 |
| 324 Petroleum and Coal Products ¹ | W | W | W | W | W | W |
| 325 Chemical Mfg..... | 2,490 | 2,555 | 2,556 | 2,490 | 2,556 | -2.6 |
| 326 Plastics and Rubber Products Mfg | W | W | W | W | W | W |
| 327 Nonmetallic Mineral Products Mfg | 2,496 | 3,358 | 2,722 | 2,496 | 2,722 | -8.3 |
| 331 Primary Metal Manufacturing ² | 1,833 | 2,352 | 1,934 | 1,833 | 1,934 | -5.2 |
| 332 Fabricated Metal Product Mfg..... | 31 | 29 | 31 | 31 | 31 | 1.0 |
| 333 Machinery Manufacturing | 21 | W | 20 | 21 | 20 | 7.1 |
| 334 Computer and Electronic Support Product | W | W | W | W | W | W |
| 335 Elec. Equip., Appl., Component Mfg..... | W | W | W | W | W | W |
| 336 Transportation Equipment Mfg..... | 177 | 144 | 177 | 177 | 177 | * |
| 337 Furniture and Related Product Mfg..... | 13 | 15 | 11 | 13 | 11 | 21.1 |
| 339 Miscellaneous Manufacturing | W | W | W | W | W | W |
| U.S. Total..... | 15,215 | 16,947 | 15,715 | 15,215 | 15,715 | -3.2 |

¹ Includes coal gasification projects.

² Excludes coke plants.

* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 27. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Dollars per Short Ton)

| NAICS Code | January - March 2003 | October - December 2002 | January - March 2002 | Percent Difference January - March: 2003 versus 2002 |
|---|----------------------|-------------------------|----------------------|--|
| 311 Food Manufacturing..... | \$31.38 | \$31.23 | \$32.58 | -3.7 |
| 312 Beverage and Tobacco Product Mfg | 50.83 | 56.27 | 55.36 | -8.2 |
| 313 Textile Mills..... | 54.27 | 53.14 | 56.91 | -4.6 |
| 315 Apparel Manufacturing | W | W | W | W |
| 321 Wood Product Manufacturing | - | W | - | - |
| 322 Paper Manufacturing | 41.95 | 43.36 | 43.30 | -3.1 |
| 324 Petroleum and Coal Products ¹ | W | W | W | W |
| 325 Chemical Mfg..... | 37.80 | 38.19 | 39.19 | -3.6 |
| 326 Plastics and Rubber Products Mfg | W | W | W | W |
| 327 Nonmetallic Mineral Products Mfg | 37.97 | 38.00 | 38.93 | -2.4 |
| 331 Primary Metal Manufacturing ² | 33.15 | 33.51 | 35.46 | -6.5 |
| 332 Fabricated Metal Product Mfg..... | 56.97 | 58.84 | 64.65 | -11.9 |
| 333 Machinery Manufacturing | 40.19 | W | 35.53 | 13.1 |
| 334 Computer and Electronic Support Product Mfg | W | W | W | W |
| 335 Elec. Equip., Appl., Component Mfg..... | W | W | W | W |
| 336 Transportation Equipment Mfg..... | 49.54 | 50.77 | 51.26 | -3.3 |
| 337 Furniture and Related Product Mfg..... | 54.00 | 54.80 | 58.01 | -6.9 |
| 339 Miscellaneous Manufacturing | W | W | W | W |
| U.S. Total..... | 32.65 | 32.86 | 33.54 | -2.7 |

¹ Includes coal gasification projects.

² Excludes coke plants.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 28. Coal Receipts by the Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

| Census Division and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---------------------------------|-------------------------|----------------------------|-------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| New England | W | W | W | W | W | W |
| Connecticut | W | W | W | W | W | - |
| Maine | W | W | W | W | W | - |
| Massachusetts | W | W | W | W | W | - |
| New Hampshire | W | W | W | W | W | - |
| Rhode Island | W | W | W | W | W | - |
| Vermont | W | W | W | W | W | - |
| Mid Atlantic | W | W | W | W | W | W |
| New Jersey | W | W | W | W | W | - |
| New York | 34 | 34 | 34 | 34 | 34 | - |
| Pennsylvania | 235 | 235 | 235 | 235 | 235 | - |
| East North Central | 272 | 272 | 272 | 272 | 272 | - |
| Illinois | 68 | 68 | 68 | 68 | 68 | - |
| Indiana | 75 | 75 | 75 | 75 | 75 | - |
| Michigan | 3 | 3 | 3 | 3 | 3 | - |
| Ohio | 69 | 69 | 69 | 69 | 69 | - |
| Wisconsin | 57 | 57 | 57 | 57 | 57 | - |
| West North Central | W | 193 | W | W | W | - |
| Iowa | 84 | 84 | 84 | 84 | 84 | - |
| Kansas | * | * | * | * | * | - |
| Minnesota | * | * | * | * | * | - |
| Missouri | 64 | 64 | 64 | 64 | 64 | - |
| Nebraska | 2 | 2 | 2 | 2 | 2 | - |
| North Dakota | W | W | W | W | W | - |
| South Dakota | 3 | W | 3 | 3 | 3 | - |
| South Atlantic | W | W | W | W | W | - |
| Delaware | W | W | W | W | W | - |
| District of Columbia | W | W | W | W | W | - |
| Florida | 18 | 18 | 18 | 18 | 18 | - |
| Georgia | 3 | 3 | 3 | 3 | 3 | - |
| Maryland | 23 | 23 | 23 | 23 | 23 | - |
| North Carolina | 38 | 38 | 38 | 38 | 38 | - |
| Virginia | 39 | 39 | 39 | 39 | 39 | - |
| West Virginia | 14 | 14 | 14 | 14 | 14 | - |
| East South Central | W | W | W | W | W | - |
| Alabama | 5 | 5 | 5 | 5 | 5 | - |
| Kentucky | 65 | 65 | 65 | 65 | 65 | - |
| Tennessee | 42 | 42 | 42 | 42 | 42 | - |
| West South Central | W | W | W | W | W | W |
| Oklahoma | W | * | W | W | W | - |
| Texas | 5 | 5 | 5 | 5 | 5 | - |
| Mountain | 156 | 156 | 156 | 156 | 156 | - |
| Arizona | * | * | * | * | * | - |
| Colorado | W | W | W | W | W | - |
| Idaho | 6 | 6 | 6 | 6 | 6 | - |
| Montana | W | W | W | W | W | - |
| Nevada | W | W | W | W | W | - |
| New Mexico | W | W | W | W | W | - |
| Utah | 18 | 18 | 18 | 18 | 18 | - |
| Wyoming | 42 | 42 | 42 | 42 | 42 | - |
| Pacific | W | W | W | W | W | W |
| Alaska | W | W | W | W | W | - |
| California | * | * | * | * | * | - |
| Oregon | W | W | W | W | W | - |
| Washington | W | W | W | W | W | - |
| U.S. Total | 1,311 | 1,311 | 1,311 | 1,311 | 1,311 | - |

* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.
W = Withheld to avoid disclosure of individual company data.
Note: • Total may not equal sum of components because of independent rounding.
Source: • Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

Consumption

Table 29. U.S. Coal Consumption by End-Use Sector 1997-2003
(Thousand Short Tons)

| Year and Quarter | Electric Power Sector ¹ | Coke Plants | Other Industrial | | | Residential and Commercial | | | Total |
|--------------------------|------------------------------------|---------------|------------------|----------------------|---------------|----------------------------|----------------------|--------------|------------------|
| | | | CHP ² | Non-CHP ³ | Total | CHP ⁴ | Non-CHP ⁵ | Total | |
| 1997 | | | | | | | | | |
| Total | 921,364 | 30,203 | 29,853 | 41,662 | 71,515 | 1,738 | 4,725 | 6,463 | 1,029,545 |
| 1998 | | | | | | | | | |
| Total | 936,619 | 28,189 | 28,553 | 38,886 | 67,439 | 1,443 | 3,413 | 4,856 | 1,037,103 |
| 1999 | | | | | | | | | |
| Total | 940,922 | 28,108 | 27,763 | 36,975 | 64,738 | 1,490 | 3,389 | 4,879 | 1,038,647 |
| 2000 | | | | | | | | | |
| Total | 985,821 | 28,939 | 28,031 | 37,177 | 65,208 | 1,547 | 2,580 | 4,127 | 1,084,095 |
| 2001 | | | | | | | | | |
| January - March | 241,715 | 6,786 | 6,656 | 10,700 | 17,356 | 393 | 918 | 1,311 | 267,168 |
| April - June | 229,371 | 6,924 | 6,135 | 9,697 | 15,832 | 320 | 554 | 874 | 253,001 |
| July - September | 263,451 | 6,600 | 6,701 | 9,342 | 16,043 | 428 | 446 | 874 | 286,967 |
| October - December | 229,896 | 5,764 | 6,263 | 9,775 | 16,038 | 307 | 1,004 | 1,311 | 253,009 |
| Total | 964,433 | 26,075 | 25,755 | 39,514 | 65,268 | 1,448 | 2,921 | 4,369 | 1,060,146 |
| 2002 | | | | | | | | | |
| January - March | 231,607 | 5,415 | 6,587 | 9,697 | 16,284 | 372 | 939 | 1,311 | 254,616 |
| April - June | 231,285 | 5,641 | 6,212 | 8,952 | 15,164 | 326 | 548 | 874 | 252,964 |
| July - September | 267,283 | 5,596 | 6,615 | 8,642 | 15,257 | 396 | 478 | 874 | 289,010 |
| October - December | 245,683 | 5,886 | 6,652 | 9,720 | 16,373 | 376 | 935 | 1,311 | 269,252 |
| Total | 975,858 | 22,537 | 26,066 | 37,011 | 63,077 | 1,469 | 2,900 | 4,369 | 1,065,842 |
| 2003 | | | | | | | | | |
| January - March | NA | 6,001 | NA | NA | 16,139 | NA | NA | 1,311 | NA |
| Total | NA | 6,001 | NA | NA | 16,139 | NA | NA | 1,311 | NA |

¹ The electric power sector (electric utilities and independent power producers) comprises electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public -- i.e. NAICS 22 plants.

² Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants.

³ All industrial sector fuel use other than in "Coke Plants" and "Industrial CHP."

⁴ Includes commercial combined-heat-and-power (CHP) and a small number of commercial electricity-only plants, such as those at hospitals and universities.

⁵ All commercial sector fuel use other than that in "Commercial CHP" and residential sector.

NA = Not Available.

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

Sources: • Energy Information Administration (EIA) • Electric Power Sector: For 2000 and previous years, Form EIA-759, "Monthly Power Plant Report"; and for 2001 forward, Form EIA-906, "Power Plant Report" and EIA estimates; • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants"; • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants", Form EIA-860B, "Annual Electric Generator Report - Nonutility"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; • Residential and Commercial: Form EIA-6A, "Coal Distribution Report."

Table 30. Coal Carbonized at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--------------------------|----------------------------|-------------------------------|----------------------------|--------------|--------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| Mid Atlantic | W | W | W | W | W | W |
| East North Central | 2,824 | 2,760 | 2,682 | 2,824 | 2,682 | 5.3 |
| South Atlantic | W | W | W | W | W | W |
| East South Central..... | 608 | 613 | 555 | 608 | 555 | 9.5 |
| U.S. Total..... | 6,001 | 5,886 | 5,415 | 6,001 | 5,415 | 10.8 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Table 31. Coal Consumption at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---------------------------------------|----------------------|-------------------------|----------------------|---------------|---------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| New England Total | W | W | W | W | W | W |
| Maine..... | W | W | W | W | W | W |
| Massachusetts..... | W | W | W | W | W | W |
| Mid Atlantic Total | W | W | W | W | W | W |
| New Jersey..... | W | W | W | W | W | W |
| New York..... | 383 | 389 | 385 | 383 | 385 | -0.6 |
| Pennsylvania..... | 740 | 796 | 811 | 740 | 811 | -8.8 |
| East North Central Total | 3,839 | 3,717 | 3,686 | 3,839 | 3,686 | 4.1 |
| Illinois..... | 907 | 861 | 812 | 907 | 812 | 11.7 |
| Indiana..... | 1,339 | 1,328 | 1,246 | 1,339 | 1,246 | 7.5 |
| Michigan..... | 523 | 536 | 564 | 523 | 564 | -7.4 |
| Ohio..... | 595 | 538 | 602 | 595 | 602 | -1.0 |
| Wisconsin..... | 475 | 454 | 463 | 475 | 463 | 2.7 |
| West North Central Total | W | W | 3,420 | W | 3,420 | W |
| Iowa..... | 728 | 766 | 737 | 728 | 737 | -1.3 |
| Kansas..... | 30 | 40 | 46 | 30 | 46 | -34.3 |
| Minnesota..... | 360 | 375 | 378 | 360 | 378 | -4.7 |
| Missouri..... | 261 | 254 | 246 | 261 | 246 | 6.0 |
| Nebraska..... | 129 | 147 | 141 | 129 | 141 | -8.1 |
| North Dakota..... | W | W | W | W | W | W |
| South Dakota..... | 97 | 83 | W | 97 | W | W |
| South Atlantic Total | W | W | W | W | W | W |
| Delaware..... | W | W | W | W | W | W |
| Florida..... | 274 | 290 | 302 | 274 | 302 | -9.1 |
| Georgia..... | 463 | 446 | 491 | 463 | 491 | -5.8 |
| Maryland..... | 328 | 334 | 311 | 328 | 311 | 5.5 |
| North Carolina..... | 419 | 385 | 459 | 419 | 459 | -8.8 |
| South Carolina..... | 517 | 454 | 518 | 517 | 518 | -0.3 |
| Virginia..... | 573 | 571 | 579 | 573 | 579 | -1.0 |
| West Virginia..... | 399 | 406 | 430 | 399 | 430 | -7.2 |
| East South Central Total | W | W | W | W | W | W |
| Alabama..... | 551 | 542 | 574 | 551 | 574 | -4.0 |
| Kentucky..... | 357 | 360 | 348 | 357 | 348 | 2.7 |
| Mississippi..... | W | W | W | W | W | W |
| Tennessee..... | 957 | 915 | 915 | 957 | 915 | 4.6 |
| West South Central Total | W | W | W | W | W | W |
| Arkansas..... | 114 | 107 | 99 | 114 | 99 | 14.9 |
| Louisiana..... | W | W | W | W | W | W |
| Oklahoma..... | W | W | 189 | W | 189 | W |
| Texas..... | 982 | 1,088 | 961 | 982 | 961 | 2.1 |
| Mountain Total | 1,169 | 1,210 | 1,170 | 1,169 | 1,170 | * |
| Arizona..... | 171 | 139 | 166 | 171 | 166 | 2.8 |
| Colorado..... | W | W | W | W | W | W |
| Idaho..... | 179 | 189 | 188 | 179 | 188 | -4.7 |
| Montana..... | W | W | W | W | W | W |
| Nevada..... | W | W | W | W | W | W |
| New Mexico..... | W | W | W | W | W | W |
| Utah..... | 260 | 259 | 236 | 260 | 236 | 10.0 |
| Wyoming..... | 371 | 425 | 412 | 371 | 412 | -9.8 |
| Pacific Total | W | W | W | W | W | W |
| Alaska..... | W | W | W | W | W | - |
| California..... | 455 | 523 | 479 | 455 | 479 | -5.1 |
| Hawaii..... | W | W | W | W | W | W |
| Oregon..... | W | W | - | W | - | - |
| Washington..... | W | W | W | W | W | W |
| U.S. Total | 16,139 | 16,373 | 16,284 | 16,139 | 16,284 | -0.9 |

* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-6A, "Coal Distribution Report;" and Form EIA-7A, "Coal Production Report."

Table 32. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------------|-------------------------------|----------------------------|---------------|---------------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| 311 Food Manufacturing..... | 2,283 | 2,375 | 2,121 | 2,283 | 2,121 | 7.7 |
| 312 Beverage and Tobacco Product Mfg | 122 | 100 | 131 | 122 | 131 | -6.7 |
| 313 Textile Mills..... | 176 | 151 | 173 | 176 | 173 | 2.0 |
| 315 Apparel Manufacturing | W | W | W | W | W | W |
| 321 Wood Product Manufacturing | W | W | W | W | W | W |
| 322 Paper Manufacturing | 2,909 | 2,697 | 3,017 | 2,909 | 3,017 | -3.6 |
| 324 Petroleum and Coal Products ¹ | W | W | W | W | W | W |
| 325 Chemical Mfg..... | 2,656 | 2,622 | 2,677 | 2,656 | 2,677 | -0.8 |
| 326 Plastics and Rubber Products Mfg | W | W | W | W | W | W |
| 327 Nonmetallic Mineral Products Mfg | 2,897 | 3,338 | 3,062 | 2,897 | 3,062 | -5.4 |
| 331 Primary Metal Manufacturing ² | 2,130 | 2,125 | 2,036 | 2,130 | 2,036 | 4.6 |
| 332 Fabricated Metal Product Mfg..... | 42 | 32 | 41 | 42 | 41 | 3.5 |
| 333 Machinery Manufacturing | 37 | W | 40 | 37 | 40 | -5.7 |
| 334 Computer and Electronic Support Product | W | W | W | W | W | W |
| 335 Elec. Equip., Appl., Component Mfg..... | W | W | W | W | W | W |
| 336 Transportation Equipment Mfg..... | 184 | 138 | 179 | 184 | 179 | 3.2 |
| 337 Furniture and Related Product Mfg..... | 21 | 14 | 13 | 21 | 13 | 61.1 |
| 339 Miscellaneous Manufacturing | W | W | W | W | W | W |
| U.S. Total..... | 15,357 | 15,590 | 15,501 | 15,357 | 15,501 | -0.9 |

¹ Includes coal gasification projects.

² Excludes coke plants.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 33. Coal Consumption by Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

| Census Division and State | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---------------------------------------|----------------------|-------------------------|----------------------|--------------|--------------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| New England Total | W | W | W | W | W | W |
| Connecticut..... | W | W | W | W | W | - |
| Maine..... | W | W | W | W | W | - |
| Massachusetts..... | W | W | W | W | W | - |
| New Hampshire..... | W | W | W | W | W | - |
| Rhode Island..... | W | W | W | W | W | - |
| Vermont..... | W | W | W | W | W | - |
| Mid Atlantic Total | W | W | W | W | W | W |
| New Jersey..... | W | W | W | W | W | - |
| New York..... | 34 | 34 | 34 | 34 | 34 | - |
| Pennsylvania..... | 235 | 235 | 235 | 235 | 235 | - |
| East North Central Total | 272 | 272 | 272 | 272 | 272 | - |
| Illinois..... | 68 | 68 | 68 | 68 | 68 | - |
| Indiana..... | 75 | 75 | 75 | 75 | 75 | - |
| Michigan..... | 3 | 3 | 3 | 3 | 3 | - |
| Ohio..... | 69 | 69 | 69 | 69 | 69 | - |
| Wisconsin..... | 57 | 57 | 57 | 57 | 57 | - |
| West North Central Total | W | 193 | W | W | W | W |
| Iowa..... | 84 | 84 | 84 | 84 | 84 | - |
| Kansas..... | * | * | * | * | * | - |
| Minnesota..... | * | * | * | * | * | - |
| Missouri..... | 64 | 64 | 64 | 64 | 64 | - |
| Nebraska..... | 2 | 2 | 2 | 2 | 2 | - |
| North Dakota..... | W | W | W | W | W | - |
| South Dakota..... | 3 | W | 3 | 3 | 3 | - |
| South Atlantic Total | W | W | W | W | W | W |
| Delaware..... | W | W | W | W | W | - |
| District of Columbia..... | W | W | W | W | W | - |
| Florida..... | 18 | 18 | 18 | 18 | 18 | - |
| Georgia..... | 3 | 3 | 3 | 3 | 3 | - |
| Maryland..... | 23 | 23 | 23 | 23 | 23 | - |
| North Carolina..... | 38 | 38 | 38 | 38 | 38 | - |
| Virginia..... | 39 | 39 | 39 | 39 | 39 | - |
| West Virginia..... | 14 | 14 | 14 | 14 | 14 | - |
| East South Central Total | W | W | W | W | W | W |
| Alabama..... | 5 | 5 | 5 | 5 | 5 | - |
| Kentucky..... | 65 | 65 | 65 | 65 | 65 | - |
| Tennessee..... | 42 | 42 | 42 | 42 | 42 | - |
| West South Central Total | W | W | W | W | W | W |
| Oklahoma..... | W | * | W | W | W | - |
| Texas..... | 5 | 5 | 5 | 5 | 5 | - |
| Mountain Total | 156 | 156 | 156 | 156 | 156 | - |
| Arizona..... | * | * | * | * | * | - |
| Colorado..... | W | W | W | W | W | - |
| Idaho..... | 6 | 6 | 6 | 6 | 6 | - |
| Montana..... | W | W | W | W | W | - |
| Nevada..... | W | W | W | W | W | - |
| New Mexico..... | W | W | W | W | W | - |
| Utah..... | 18 | 18 | 18 | 18 | 18 | - |
| Wyoming..... | 42 | 42 | 42 | 42 | 42 | - |
| Pacific Total | W | W | W | W | W | W |
| Alaska..... | W | W | W | W | W | - |
| California..... | * | * | * | * | * | - |
| Oregon..... | W | W | W | W | W | - |
| Washington..... | W | W | W | W | W | - |
| U.S. Total | 1,311 | 1,311 | 1,311 | 1,311 | 1,311 | - |

* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

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

Stocks

Table 34. U.S. Coal Stocks, 1997-2003
(Thousand Short Tons)

| Last Day of Quarter | Coal Consumers ¹ | | | | Coal Producers and Distributors | Total |
|---------------------|------------------------------------|-------------|-------------------------------|---------|---------------------------------|---------|
| | Electric Power Sector ² | Coke Plants | Other Industrial ³ | Total | | |
| 1997 | | | | | | |
| March 31 | 113,727 | 2,372 | 4,572 | 120,671 | 37,544 | 158,215 |
| June 30 | 120,787 | 2,050 | 4,751 | 127,588 | 42,529 | 170,117 |
| September 30 | 102,119 | 2,059 | 5,338 | 109,516 | 39,111 | 148,627 |
| December 31 | 98,826 | 1,978 | 5,597 | 106,401 | 33,973 | 140,374 |
| 1998 | | | | | | |
| March 31 | 108,101 | 1,885 | 4,561 | 114,547 | 40,994 | 155,541 |
| June 30 | 117,758 | 1,995 | 4,593 | 124,345 | 38,331 | 162,676 |
| September 30 | 104,552 | 2,042 | 5,246 | 111,839 | 39,803 | 151,642 |
| December 31 | 120,501 | 2,026 | 5,545 | 128,072 | 36,530 | 164,602 |
| 1999 | | | | | | |
| March 31 | 137,092 | 1,898 | 4,743 | 143,732 | 42,682 | 186,414 |
| June 30 | 145,675 | 2,075 | 4,663 | 152,413 | 41,701 | 194,114 |
| September 30 | 132,348 | 1,975 | 5,107 | 139,430 | 36,645 | 176,075 |
| December 31 | 136,537 | 1,943 | 5,569 | 144,048 | 39,475 | 183,523 |
| 2000 | | | | | | |
| March 31 | 134,852 | 1,935 | 4,367 | 141,154 | 44,271 | 185,425 |
| June 30 | 130,852 | 1,839 | 4,555 | 137,246 | 42,179 | 179,425 |
| September 30 | 114,075 | 1,558 | 4,677 | 120,310 | 37,307 | 157,617 |
| December 31 | 102,304 | 1,494 | 4,587 | 108,115 | 31,905 | 140,020 |
| 2001 | | | | | | |
| March 31 | 109,154 | 1,902 | 4,325 | 115,381 | 39,214 | 154,595 |
| June 30 | 126,683 | 1,635 | 4,648 | 132,967 | 38,554 | 171,521 |
| September 30 | 115,750 | 1,577 | 5,070 | 122,397 | 34,822 | 157,219 |
| December 31 | 138,496 | 1,510 | 6,006 | 146,012 | 35,900 | 181,912 |
| 2002 | | | | | | |
| March 31 | 147,401 | 1,230 | 4,842 | 153,473 | 40,284 ^E | 193,757 |
| June 30 | 151,526 | 1,456 | 5,064 | 158,046 | 41,288 ^E | 199,334 |
| September 30 | 135,421 | 1,496 | 5,834 | 142,751 | 35,662 ^E | 178,413 |
| December 31 | 142,026 | 1,163 | 5,792 | 148,981 | 31,968 ^E | 180,949 |
| 2003 | | | | | | |
| March 31 | NA | 1,327 | 4,349 | NA | 31,274 ^E | NA |

¹ Stock data for the Residential and Commercial sector are not included.

² The electric power sector (electric utilities and independent power producers) comprises electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public -- i.e. NAICS 22 plants.

³ Manufacturing plants only.

NA = Not Available.

Note: • Total may not equal sum of components because of independent rounding. Beginning in 1999, the first three quarters of each year's data for Coal Producers and Distributors are estimated.

Sources: • Energy Information Administration (EIA) • Electric Power Sector: For 2000 and previous years, Form EIA-759, "Monthly Power Plant Report;" for 2001 forward, Form EIA-906, "Power Plant Report" • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants" and • Producer and Distributor: Short Term Energy Outlook estimates and Form EIA-6A, "Coal Distribution Report."

Table 35. Coal Stocks at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | March 31, 2003 | December 31, 2002 | March 31, 2002 | Percent Difference March 31, 2003 versus 2002 |
|--------------------------|----------------|-------------------|----------------|---|
| Mid Atlantic | W | W | W | W |
| East North Central | 519 | 492 | 653 | -20.4 |
| South Atlantic | W | W | W | W |
| East South Central..... | 197 | 208 | 236 | -16.4 |
| U.S. Total..... | 1,327 | 1,163 | 1,230 | 7.9 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Table 36. Coal Stocks at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | March 31, 2003 | December 31, 2002 | March 31, 2002 | Percent Difference March 31, 2003 versus 2002 |
|---------------------------------------|----------------|-------------------|----------------|---|
| New England Total | W | W | W | W |
| Maine..... | W | W | W | W |
| Massachusetts..... | W | W | W | W |
| Mid Atlantic Total | W | W | W | W |
| New Jersey..... | W | W | W | W |
| New York..... | 192 | 276 | 199 | -3.3 |
| Pennsylvania..... | 196 | 170 | 208 | -5.6 |
| East North Central Total | 1,128 | 1,761 | 1,390 | 18.8 |
| Illinois..... | 175 | 258 | 230 | -24.1 |
| Indiana..... | 288 | 444 | 352 | -18.1 |
| Michigan..... | 438 | 714 | 514 | -14.7 |
| Ohio..... | 76 | 86 | 98 | -22.4 |
| Wisconsin..... | 151 | 259 | 196 | -23.0 |
| West North Central Total | W | W | 772 | W |
| Iowa..... | 428 | 622 | 343 | 24.5 |
| Kansas..... | 28 | 35 | 24 | 15.6 |
| Minnesota..... | 173 | 305 | 184 | -6.0 |
| Missouri..... | 71 | 103 | 95 | -25.6 |
| Nebraska..... | 34 | 51 | 27 | 25.9 |
| North Dakota..... | W | W | W | W |
| South Dakota..... | 21 | 53 | W | W |
| South Atlantic Total | W | W | W | W |
| Delaware..... | W | - | - | - |
| Florida..... | 71 | 81 | 178 | -60.1 |
| Georgia..... | 84 | 116 | 155 | -46.2 |
| Maryland..... | 52 | 72 | 81 | -35.4 |
| North Carolina..... | 78 | 104 | 121 | -35.3 |
| South Carolina..... | 169 | 135 | 196 | -14.0 |
| Virginia..... | 105 | 131 | 111 | -5.8 |
| West Virginia..... | 101 | 77 | 68 | 49.0 |
| East South Central Total | W | W | W | W |
| Alabama..... | 108 | 136 | 148 | -26.7 |
| Kentucky..... | 67 | 82 | 67 | 0.9 |
| Mississippi..... | W | W | W | W |
| Tennessee..... | 143 | 177 | 229 | -37.7 |
| West South Central Total | W | W | W | W |
| Arkansas..... | 26 | 35 | 40 | -35.9 |
| Louisiana..... | W | W | W | W |
| Oklahoma..... | W | W | 99 | W |
| Texas..... | 196 | 203 | 260 | -24.3 |
| Mountain Total | 427 | 560 | 288 | -48.2 |
| Arizona..... | 57 | 87 | 78 | -26.2 |
| Colorado..... | W | W | W | W |
| Idaho..... | 160 | 233 | 67 | 139.8 |
| Montana..... | W | W | W | W |
| Nevada..... | W | W | W | W |
| New Mexico..... | W | W | W | W |
| Utah..... | 62 | 63 | 10 | (¹) |
| Wyoming..... | 59 | 62 | 51 | 17.2 |
| Pacific Total | W | W | W | W |
| California..... | 150 | 186 | 142 | 5.7 |
| Hawaii..... | W | W | W | W |
| Oregon..... | W | W | W | W |
| Washington..... | W | W | W | W |
| U.S. Total | 4,349 | 5,792 | 4,842 | -10.2 |

¹ Changes of 500 percent or more are not shown.

W = Withheld to avoid disclosure of individual company data.

Note: • Total may not equal sum of components because of independent rounding. Other industrial plants include manufacturing plants only.

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

Table 37. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | March 31, 2003 | December 31, 2002 | March 31, 2002 | Percent Difference March 31, 2003 versus 2002 |
|---|----------------|-------------------|----------------|---|
| 311 Food Manufacturing..... | 738 | 1,010 | 598 | 23.5 |
| 312 Beverage and Tobacco Product Mfg | 22 | 23 | 20 | 10.6 |
| 313 Textile Mills..... | 67 | 74 | 63 | 7.4 |
| 315 Apparel Manufacturing | W | W | W | W |
| 321 Wood Product Manufacturing | W | W | W | W |
| 322 Paper Manufacturing | 731 | 928 | 909 | -19.5 |
| 324 Petroleum and Coal Products ¹ | W | W | W | W |
| 325 Chemical Mfg..... | 537 | 700 | 700 | -23.2 |
| 326 Plastics and Rubber Products Mfg | W | W | W | W |
| 327 Nonmetallic Mineral Products Mfg | 1,504 | 1,917 | 1,734 | -13.3 |
| 331 Primary Metal Manufacturing ² | 514 | 820 | 569 | -9.7 |
| 332 Fabricated Metal Product Mfg..... | 14 | 25 | 23 | -39.5 |
| 333 Machinery Manufacturing | 12 | W | 19 | -37.7 |
| 334 Computer and Electronic Support Product Mfg | W | W | W | W |
| 335 Elec. Equip., Appl., Component Mfg..... | W | W | W | W |
| 336 Transportation Equipment Mfg..... | 52 | 61 | 62 | -16.4 |
| 337 Furniture and Related Product Mfg..... | 8 | 15 | 14 | -43.9 |
| 339 Miscellaneous Manufacturing | W | W | W | W |
| U.S. Total..... | 4,349 | 5,792 | 4,842 | -10.2 |

¹ Includes coal gasification projects.

² Excludes coke plants.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 38. Coke and Breeze Stocks at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | March 31, 2003 | December 31, 2002 | March 31, 2002 | Percent Difference March 31, 2003 versus 2002 |
|--------------------------------|----------------|-------------------|----------------|---|
| Mid Atlantic Total | W | W | W | W |
| East North Central Total | 640 | 424 | 426 | 50.0 |
| South Atlantic Total | W | W | W | W |
| East South Central Total | 180 | 155 | 154 | 17.2 |
| Mountain Total | - | - | W | W |
| U.S. Total..... | 935 | 747 | 978 | -4.4 |
| Coke Total | 828 | 606 | 878 | -5.7 |
| Breeze Total..... | 107 | 141 | 99 | 7.3 |

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

Quality

Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State

| Census Division and State and Quality ¹ | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|---|----------------------------|-------------------------------|----------------------------|--------------|--------|-------------------|
| | | | | 2003 | 2002 | Percent Change |
| New England | | | | | | |
| Btu..... | 13,209 | 13,167 | 13,074 | 13,209 | 13,074 | 1.0 |
| Sulfur..... | 0.68 | 0.83 | 0.71 | 0.68 | 0.71 | -4.0 |
| Ash..... | 5.95 | 6.39 | 6.72 | 5.95 | 6.72 | -11.5 |
| Maine | | | | | | |
| Btu..... | 13,019 | 13,038 | 12,868 | 13,019 | 12,868 | 1.2 |
| Sulfur..... | 0.69 | 0.87 | 0.71 | 0.69 | 0.71 | -2.5 |
| Ash..... | 5.90 | 6.08 | 6.47 | 5.90 | 6.47 | -8.8 |
| Massachusetts | | | | | | |
| Btu..... | 13,624 | W | W | 13,624 | W | W |
| Sulfur..... | 0.66 | W | W | 0.66 | W | W |
| Ash..... | 6.04 | W | W | 6.04 | W | W |
| Mid Atlantic | | | | | | |
| Btu..... | 13,260 | 13,222 | 13,130 | 13,260 | 13,130 | 1.0 |
| Sulfur..... | 1.07 | 1.09 | 1.17 | 1.07 | 1.17 | -8.3 |
| Ash..... | 7.48 | 7.75 | 8.35 | 7.48 | 8.35 | -10.4 |
| New Jersey | | | | | | |
| Btu..... | W | W | W | W | W | W |
| Sulfur..... | W | W | W | W | W | W |
| Ash..... | W | W | W | W | W | W |
| New York | | | | | | |
| Btu..... | 13,266 | 13,138 | 13,249 | 13,266 | 13,249 | 0.1 |
| Sulfur..... | 1.39 | 1.37 | 1.62 | 1.39 | 1.62 | -14.5 |
| Ash..... | 7.53 | 8.31 | 7.93 | 7.53 | 7.93 | -5.1 |
| Pennsylvania | | | | | | |
| Btu..... | 13,260 | 13,236 | 13,116 | 13,260 | 13,116 | 1.1 |
| Sulfur..... | 1.04 | 1.05 | 1.11 | 1.04 | 1.11 | -6.7 |
| Ash..... | 7.47 | 7.66 | 8.40 | 7.47 | 8.40 | -11.0 |
| East North Central | | | | | | |
| Btu..... | 12,703 | 12,723 | 12,682 | 12,703 | 12,682 | 0.2 |
| Sulfur..... | 1.30 | 1.30 | 1.34 | 1.30 | 1.34 | -3.0 |
| Ash..... | 7.28 | 7.56 | 7.41 | 7.28 | 7.41 | -1.7 |
| Illinois | | | | | | |
| Btu..... | 11,310 | 11,485 | 11,309 | 11,310 | 11,309 | 0.0 |
| Sulfur..... | 2.02 | 1.97 | 2.03 | 2.02 | 2.03 | -0.4 |
| Ash..... | 7.48 | 7.57 | 7.13 | 7.48 | 7.13 | 5.0 |
| Indiana | | | | | | |
| Btu..... | 13,109 | 13,077 | 13,107 | 13,109 | 13,107 | 0.0 |
| Sulfur..... | 1.06 | 1.07 | 1.10 | 1.06 | 1.10 | -4.0 |
| Ash..... | 7.17 | 7.47 | 7.50 | 7.17 | 7.50 | -4.3 |
| Michigan | | | | | | |
| Btu..... | 13,360 | 13,296 | 13,231 | 13,360 | 13,231 | 1.0 |
| Sulfur..... | 0.85 | 0.91 | 0.87 | 0.85 | 0.87 | -1.9 |
| Ash..... | 7.44 | 7.99 | 7.46 | 7.44 | 7.46 | -0.3 |
| Ohio | | | | | | |
| Btu..... | 12,920 | 12,798 | 12,862 | 12,920 | 12,862 | 0.5 |
| Sulfur..... | 1.57 | 1.81 | 1.78 | 1.57 | 1.78 | -11.5 |
| Ash..... | 7.60 | 7.60 | 7.68 | 7.60 | 7.68 | -1.1 |
| Wisconsin | | | | | | |
| Btu..... | 11,453 | 11,643 | 11,498 | 11,453 | 11,498 | -0.4 |
| Sulfur..... | 1.38 | 1.48 | 1.46 | 1.38 | 1.46 | -5.5 |
| Ash..... | 6.73 | 7.29 | 6.66 | 6.73 | 6.66 | 1.0 |
| West North Central | | | | | | |
| Btu..... | 7,901 | 8,080 | 7,786 | 7,901 | 7,786 | 1.5 |
| Sulfur..... | 0.75 | 1.07 | 0.73 | 0.75 | 0.73 | 2.5 |
| Ash..... | 6.28 | 7.25 | 7.20 | 6.28 | 7.20 | -12.8 |
| Iowa | | | | | | |
| Btu..... | 9,646 | 10,280 | 9,556 | 9,646 | 9,556 | 0.9 |
| Sulfur..... | 1.02 | 0.98 | 0.99 | 1.02 | 0.99 | 3.1 |
| Ash..... | 6.35 | 7.06 | 5.83 | 6.35 | 5.83 | 8.9 |
| Kansas | | | | | | |
| Btu..... | 11,966 | 12,063 | 12,013 | 11,966 | 12,013 | -0.4 |
| Sulfur..... | 1.95 | 1.07 | 1.09 | 1.95 | 1.09 | 79.3 |
| Ash..... | 11.83 | 11.06 | 10.81 | 11.83 | 10.81 | 9.4 |
| Minnesota | | | | | | |
| Btu..... | 9,922 | 9,385 | 9,975 | 9,922 | 9,975 | -0.5 |
| Sulfur..... | 0.33 | 0.29 | 0.38 | 0.33 | 0.38 | -13.0 |
| Ash..... | 5.03 | 5.09 | 4.86 | 5.03 | 4.86 | 3.6 |
| Missouri | | | | | | |
| Btu..... | 11,529 | 11,547 | 11,529 | 11,529 | 11,529 | 0.0 |
| Sulfur..... | 2.00 | 1.82 | 1.85 | 2.00 | 1.85 | 8.2 |
| Ash..... | 8.07 | 8.01 | 8.72 | 8.07 | 8.72 | -7.4 |
| Nebraska | | | | | | |
| Btu..... | 9,438 | 10,153 | 9,345 | 9,438 | 9,345 | 1.0 |
| Sulfur..... | 0.27 | 0.34 | 0.25 | 0.27 | 0.25 | 8.8 |
| Ash..... | 5.51 | 6.52 | 5.13 | 5.51 | 5.13 | 7.4 |

See footnotes at end of table.

Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

| Census Division and State and Quality ¹ | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------|-------------------------|----------------------|--------------|--------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| North Dakota | | | | | | |
| Btu..... | 7,074 | 6,930 | 6,943 | 7,074 | 6,943 | 1.9 |
| Sulfur..... | 0.64 | 1.19 | 0.64 | 0.64 | 0.64 | 0.0 |
| Ash..... | 6.21 | 7.56 | 7.51 | 6.21 | 7.51 | -17.4 |
| South Dakota | | | | | | |
| Btu..... | 8,332 | 8,416 | 8,442 | 8,332 | 8,442 | -1.3 |
| Sulfur..... | 0.41 | 0.44 | 0.48 | 0.41 | 0.48 | -15.1 |
| Ash..... | 4.91 | 4.91 | 4.71 | 4.91 | 4.71 | 4.3 |
| South Atlantic | | | | | | |
| Btu..... | 13,121 | 13,110 | 13,141 | 13,121 | 13,141 | -0.1 |
| Sulfur..... | 1.05 | 1.05 | 1.04 | 1.05 | 1.04 | 1.3 |
| Ash..... | 8.28 | 8.25 | 8.06 | 8.28 | 8.06 | 2.8 |
| Delaware | | | | | | |
| Btu..... | 12,398 | 12,941 | 12,971 | 12,398 | 12,971 | -4.4 |
| Sulfur..... | 1.66 | 1.60 | 1.63 | 1.66 | 1.63 | 1.8 |
| Ash..... | 9.29 | 8.87 | 8.63 | 9.29 | 8.63 | 7.6 |
| Florida | | | | | | |
| Btu..... | 12,720 | 12,780 | 12,848 | 12,720 | 12,848 | -1.0 |
| Sulfur..... | 0.82 | 0.83 | 0.76 | 0.82 | 0.76 | 8.3 |
| Ash..... | 8.04 | 8.05 | 8.29 | 8.04 | 8.29 | -3.0 |
| Georgia | | | | | | |
| Btu..... | 12,944 | 12,983 | 12,936 | 12,944 | 12,936 | 0.1 |
| Sulfur..... | 0.97 | 1.03 | 1.07 | 0.97 | 1.07 | -8.8 |
| Ash..... | 7.97 | 7.99 | 8.27 | 7.97 | 8.27 | -3.6 |
| Maryland | | | | | | |
| Btu..... | 12,715 | 12,805 | 13,181 | 12,715 | 13,181 | -3.5 |
| Sulfur..... | 1.50 | 1.48 | 1.37 | 1.50 | 1.37 | 9.8 |
| Ash..... | 14.11 | 13.68 | 11.58 | 14.11 | 11.58 | 21.8 |
| North Carolina | | | | | | |
| Btu..... | 13,304 | 13,218 | 13,188 | 13,304 | 13,188 | 0.9 |
| Sulfur..... | 0.84 | 0.89 | 0.88 | 0.84 | 0.88 | -5.1 |
| Ash..... | 6.68 | 7.06 | 7.16 | 6.68 | 7.16 | -6.8 |
| South Carolina | | | | | | |
| Btu..... | 13,159 | 13,157 | 13,117 | 13,159 | 13,117 | 0.3 |
| Sulfur..... | 1.10 | 1.15 | 1.10 | 1.10 | 1.10 | 0.5 |
| Ash..... | 7.81 | 7.87 | 8.00 | 7.81 | 8.00 | -2.3 |
| Virginia | | | | | | |
| Btu..... | 13,410 | 13,293 | 13,224 | 13,410 | 13,224 | 1.4 |
| Sulfur..... | 0.96 | 0.96 | 1.01 | 0.96 | 1.01 | -4.6 |
| Ash..... | 7.44 | 7.46 | 7.39 | 7.44 | 7.39 | 0.6 |
| West Virginia | | | | | | |
| Btu..... | 13,120 | 13,174 | 13,306 | 13,120 | 13,306 | -1.4 |
| Sulfur..... | 1.14 | 1.04 | 1.06 | 1.14 | 1.06 | 7.8 |
| Ash..... | 8.27 | 7.70 | 7.59 | 8.27 | 7.59 | 9.0 |
| East South Central | | | | | | |
| Btu..... | 13,145 | 13,167 | 13,106 | 13,145 | 13,106 | 0.3 |
| Sulfur..... | 1.10 | 1.11 | 1.50 | 1.10 | 1.50 | -26.9 |
| Ash..... | 7.23 | 7.10 | 7.48 | 7.23 | 7.48 | -3.4 |
| Alabama | | | | | | |
| Btu..... | 13,176 | 13,196 | 13,129 | 13,176 | 13,129 | 0.4 |
| Sulfur..... | 0.96 | 1.00 | 2.12 | 0.96 | 2.12 | -54.7 |
| Ash..... | 7.05 | 7.04 | 7.51 | 7.05 | 7.51 | -6.1 |
| Kentucky | | | | | | |
| Btu..... | 13,427 | 13,445 | 13,430 | 13,427 | 13,430 | 0.0 |
| Sulfur..... | 0.90 | 0.94 | 0.95 | 0.90 | 0.95 | -5.4 |
| Ash..... | 6.91 | 6.23 | 6.50 | 6.91 | 6.50 | 6.4 |
| Mississippi | | | | | | |
| Btu..... | 12,234 | 12,037 | 12,679 | 12,234 | 12,679 | -3.5 |
| Sulfur..... | 1.54 | 1.47 | 1.43 | 1.54 | 1.43 | 7.8 |
| Ash..... | 7.73 | 7.21 | 7.49 | 7.73 | 7.49 | 3.2 |
| Tennessee | | | | | | |
| Btu..... | 12,998 | 13,024 | 12,919 | 12,998 | 12,919 | 0.6 |
| Sulfur..... | 1.33 | 1.32 | 1.22 | 1.33 | 1.22 | 9.0 |
| Ash..... | 7.56 | 7.69 | 8.01 | 7.56 | 8.01 | -5.6 |
| West South Central | | | | | | |
| Btu..... | 9,117 | 9,162 | 9,494 | 9,117 | 9,494 | -4.0 |
| Sulfur..... | 0.87 | 0.97 | 0.91 | 0.87 | 0.91 | -4.1 |
| Ash..... | 11.16 | 10.81 | 10.89 | 11.16 | 10.89 | 2.5 |
| Arkansas | | | | | | |
| Btu..... | 12,150 | 12,465 | 12,363 | 12,150 | 12,363 | -1.7 |
| Sulfur..... | 0.92 | 1.38 | 1.28 | 0.92 | 1.28 | -28.4 |
| Ash..... | 11.82 | 11.94 | 11.60 | 11.82 | 11.60 | 1.9 |
| Louisiana | | | | | | |
| Btu..... | 11,819 | 12,289 | 12,032 | 11,819 | 12,032 | -1.8 |
| Sulfur..... | 1.21 | 1.20 | 1.28 | 1.21 | 1.28 | -5.5 |
| Ash..... | 7.23 | 8.57 | 7.17 | 7.23 | 7.17 | 0.7 |

See footnotes at end of table.

Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

| Census Division and State and Quality ¹ | January - March 2003 | October - December 2002 | January - March 2002 | Year to Date | | |
|--|----------------------|-------------------------|----------------------|--------------|--------|----------------|
| | | | | 2003 | 2002 | Percent Change |
| Oklahoma | | | | | | |
| Btu..... | 9,601 | 10,443 | 10,001 | 9,601 | 10,001 | -4.0 |
| Sulfur..... | 0.49 | 0.64 | 0.74 | 0.49 | 0.74 | -33.9 |
| Ash..... | 5.67 | 5.98 | 5.68 | 5.67 | 5.68 | -0.3 |
| Texas | | | | | | |
| Btu..... | 8,664 | 8,564 | 9,067 | 8,664 | 9,067 | -4.5 |
| Sulfur..... | 0.94 | 0.98 | 0.90 | 0.94 | 0.90 | 4.0 |
| Ash..... | 12.18 | 11.57 | 11.87 | 12.18 | 11.87 | 2.6 |
| Mountain | | | | | | |
| Btu..... | 10,506 | 10,620 | 10,581 | 10,506 | 10,581 | -0.7 |
| Sulfur..... | 0.61 | 0.60 | 0.63 | 0.61 | 0.63 | -4.3 |
| Ash..... | 7.42 | 7.80 | 7.90 | 7.42 | 7.90 | -6.1 |
| Arizona | | | | | | |
| Btu..... | 10,768 | 11,099 | 11,173 | 10,768 | 11,173 | -3.6 |
| Sulfur..... | 0.54 | 0.58 | 0.65 | 0.54 | 0.65 | -17.2 |
| Ash..... | 12.32 | 13.62 | 13.05 | 12.32 | 13.05 | -5.6 |
| Colorado | | | | | | |
| Btu..... | 11,719 | 11,613 | 11,428 | 11,719 | 11,428 | 2.5 |
| Sulfur..... | 0.50 | 0.55 | 0.53 | 0.50 | 0.53 | -5.5 |
| Ash..... | 8.46 | 8.79 | 9.79 | 8.46 | 9.79 | -13.6 |
| Idaho | | | | | | |
| Btu..... | 10,328 | 10,721 | 10,160 | 10,328 | 10,160 | 1.7 |
| Sulfur..... | 0.74 | 0.72 | 0.83 | 0.74 | 0.83 | -11.2 |
| Ash..... | 5.58 | 6.51 | 5.99 | 5.58 | 5.99 | -6.9 |
| Montana | | | | | | |
| Btu..... | 7,058 | 6,885 | 7,278 | 7,058 | 7,278 | -3.0 |
| Sulfur..... | 0.59 | 0.56 | 1.00 | 0.59 | 1.00 | -40.8 |
| Ash..... | 9.57 | 10.30 | 8.87 | 9.57 | 8.87 | 8.0 |
| Nevada | | | | | | |
| Btu..... | 11,686 | 11,651 | 11,426 | 11,686 | 11,426 | 2.3 |
| Sulfur..... | 0.45 | 0.41 | 0.40 | 0.45 | 0.40 | 14.1 |
| Ash..... | 8.03 | 8.16 | 8.39 | 8.03 | 8.39 | -4.4 |
| New Mexico | | | | | | |
| Btu..... | W | W | W | W | W | W |
| Sulfur..... | W | W | W | W | W | W |
| Ash..... | W | W | W | W | W | W |
| Utah | | | | | | |
| Btu..... | 11,657 | 11,763 | 11,485 | 11,657 | 11,485 | 1.5 |
| Sulfur..... | 0.44 | 0.44 | 0.36 | 0.44 | 0.36 | 21.4 |
| Ash..... | 10.20 | 7.67 | 8.92 | 10.20 | 8.92 | 14.4 |
| Wyoming | | | | | | |
| Btu..... | 10,041 | 10,067 | 10,087 | 10,041 | 10,087 | -0.5 |
| Sulfur..... | 0.66 | 0.64 | 0.66 | 0.66 | 0.66 | 1.4 |
| Ash..... | 4.78 | 5.50 | 5.08 | 4.78 | 5.08 | -5.8 |
| Pacific | | | | | | |
| Btu..... | 11,612 | 11,951 | 11,811 | 11,612 | 11,811 | -1.7 |
| Sulfur..... | 0.60 | 0.59 | 0.44 | 0.60 | 0.44 | 38.2 |
| Ash..... | 7.70 | 7.70 | 8.65 | 7.70 | 8.65 | -11.0 |
| California | | | | | | |
| Btu..... | 12,026 | 12,016 | 11,855 | 12,026 | 11,855 | 1.4 |
| Sulfur..... | 0.62 | 0.59 | 0.43 | 0.62 | 0.43 | 42.8 |
| Ash..... | 7.29 | 7.79 | 8.63 | 7.29 | 8.63 | -15.5 |
| Hawaii | | | | | | |
| Btu..... | W | - | - | W | - | - |
| Sulfur..... | W | - | - | W | - | - |
| Ash..... | W | - | - | W | - | - |
| Oregon | | | | | | |
| Btu..... | W | 11,128 | - | W | - | - |
| Sulfur..... | W | 0.65 | - | W | - | - |
| Ash..... | W | 5.43 | - | W | - | - |
| Washington | | | | | | |
| Btu..... | 11,665 | 11,320 | 11,200 | 11,665 | 11,200 | 4.2 |
| Sulfur..... | 0.44 | 0.44 | 0.47 | 0.44 | 0.47 | -5.4 |
| Ash..... | 8.54 | 9.36 | 9.01 | 8.54 | 9.01 | -5.1 |
| U.S. Total | | | | | | |
| Btu..... | 11,654 | 11,583 | 11,508 | 11,654 | 11,508 | 1.3 |
| Sulfur..... | 1.03 | 1.10 | 1.08 | 1.03 | 1.08 | -4.6 |
| Ash..... | 7.52 | 7.77 | 7.85 | 7.52 | 7.85 | -4.2 |

¹ Quality units are Btu (per pound); sulfur (percent by weight); and ash (percent by weight).

W = Withheld to avoid disclosure of individual company data.

Note: • Btu data for coke plants are calculated using the following reported data: Low Volatile equals 13,713 btu per pound, medium volatile equals 13,712 btu per pound, and high volatile equals 13,713 btu per pound. The following states include sulfur and ash data for coke plants: New York, Pennsylvania, Illinois, Indiana, Michigan, Ohio, Virginia, West Virginia, Alabama, and Kentucky.

Source: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants"; and form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."