

Quarterly Coal Report April-June 1998

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

Contacts

This publication was prepared by Paulette Young under the direction of Mary K. Paull, Project Leader, Coal Data Branch, Coal and Electric Data and Renewables Division, Office of Coal, Nuclear, Electric and Alternate Fuels. Questions addressing the Appendix A, *U.S. Coal Imports* section should be

directed to Paulette Young at (202) 426-1150, email **PYOUNG@EIA.DOE.GOV**. All other questions on coal statistics should be directed to the National Energy Information Center (NEIC) at (202) 586-8800, email **INFOCTR@EIA.DOE.GOV**.

Preface

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 April through June 1998 and aggregated quarterly historical data for 1992 through the first quarter of 1998. Appendix A displays, from 1992 on, detailed quarterly historical coal imports data, as specified in Section 202 of the Energy Policy and Conservation Amendments Act of 1985 (Public Law 99-58).

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 1997 DOE/EIA-0384(98); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(96) .

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 utilities. 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 utility 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.

All data for 1998 are preliminary. All data for 1997 are final. U.S coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report." Coal production data for 1998 are preliminary and 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.

All coke tables have been modified to reflect the closing of several coke plants in 1997.

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

Contents

| | Page |
|----------------------------|-------------|
| Production | 3 |
| Exports and Imports | 7 |
| Receipts | 19 |
| Consumption | 41 |
| Stocks | 51 |
| Appendices | |
| A. U.S. Coal Imports | 61 |

Tables

| | Page |
|--|-------------|
| 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1992-1998 | 1 |
| 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1992-1998 | 2 |
| 3. U.S. Coal Production, 1992-1998 | 4 |
| 4. Coal Production by State | 5 |
| 5. Coke and Breeze Production at Coke Plants | 6 |
| 6. U.S. Coal Exports and Imports, 1992-1998 | 8 |
| 7. Average Price of U.S. Coal Exports and Imports, 1992-1998 | 8 |
| 8. U.S. Coal Exports | 9 |
| 9. Average Price of U.S. Coal Exports | 10 |
| 10. U.S. Steam Coal Exports | 11 |
| 11. Average Price of U.S. Steam Coal Exports | 12 |
| 12. U.S. Metallurgical Coal Exports | 13 |
| 13. Average Price of U.S. Metallurgical Coal Exports | 14 |
| 14. Coal Exports by Customs District | 15 |
| 15. U.S. Coke Exports | 16 |
| 16. U.S. Coal Imports | 16 |
| 17. Average Price of U.S. Coal Imports | 17 |
| 18. Coal Imports by Customs District | 18 |
| 19. U.S. Coke Imports | 18 |
| 20. U.S. Coal Receipts by End-Use Sector, 1992-1998 | 20 |
| 21. Average Price of Coal Receipts by End-Use Sector, 1992-1998 | 21 |
| 22. Coal Receipts by Census Division and State | 22 |
| 23. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State | 23 |
| 24. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State | 24 |
| 25. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State | 25 |
| 26. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State | 26 |
| 27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 1998 | 27 |
| 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997 | 28 |
| 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997 | 32 |
| 30. Coal Receipts at Coke Plants | 36 |
| 31. Average Price of Coal Receipts at Coke Plants | 36 |
| 32. Coal Receipts at Other Industrial Plants by Census Division and State | 37 |
| 33. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State | 38 |
| 34. U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code | 39 |
| 35. Average Price of U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code | 39 |
| 36. Coal Receipts by the Residential and Commercial Sector by Census Division and State | 40 |
| 37. U.S. Coal Consumption by End-Use Sector, 1992-1998 | 42 |
| 38. Coal Consumption by Census Division and State | 43 |
| 39. Coal Consumption at Electric Utility Plants by Census Division and State | 44 |
| 40. Change in Electric Utility Net Generation by State and Census Division, 1998 versus 1997 | 45 |
| 41. Coal Carbonized at Coke Plants by Census Division and State | 46 |
| 42. Coal Consumption at Other Industrial Plants by Census Division and State | 47 |
| 43. U.S. Coal Consumption at Manufacturing Plants by Standard Industrial Classification (SIC) Code | 48 |
| 44. Coal Consumption by Residential and Commercial Sector by Census Division and State | 49 |
| 45. U.S. Coal Stocks, 1992-1998 | 52 |
| 46. Consumer Coal Stocks by Census Division and State, June 30, 1998 | 53 |
| 47. Coal Stocks at Electric Utility Plants by Census Division and State | 54 |
| 48. Coal Stocks at Coke Plants by Census Division and State | 55 |
| 49. Coal Stocks at Other Industrial Plants by Census Division and State | 56 |
| 50. U.S. Coal Stocks at Manufacturing Plants by Standard Industrial Classification (SIC) Code | 57 |
| 51. Coke and Breeze Stocks at Coke Plants | 57 |
| 52. Quantity and Average Price of U.S. Coal Imports, 1992-1998 | 61 |
| 53. Quantity and Average Price of U.S. Coal Imports by Origin, 1992-1998 | 62 |
| 54. U.S. Coal Imports by Origin and by Customs District | 63 |

| | | |
|-----|--|----|
| 55. | Average Price of U.S. Coal Imports by Origin and by Customs District | 64 |
| 56. | Imported Coal Received at Electric Utility Plants by Origin | 65 |
| 57. | Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 | 66 |
| 58. | Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 | 74 |

Table 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1992-1998
(Thousand Short Tons)

| Year and Quarter | Production | Imports | Producer and Distributor Stocks ¹ | Consumption ² | Exports | Consumer Stocks ¹ | Losses and Unaccounted For ³ |
|--------------------------|------------------|--------------|--|--------------------------|----------------|------------------------------|---|
| 1992 | | | | | | | |
| January - March | 255,956 | 679 | 39,853 | 220,594 | 24,731 | 168,632 | |
| April - June | 242,735 | 1,043 | 40,513 | 210,037 | 27,010 | 173,270 | |
| July - September | 249,055 | 882 | 35,198 | 237,698 | 26,481 | 161,878 | |
| October - December | 249,799 | 1,199 | 33,993 | 224,093 | 24,294 | 163,692 | |
| Total | 997,545 | 3,803 | | 907,655 | 102,516 | | -5,826 |
| 1993 | | | | | | | |
| January - March | 243,417 | 1,213 | 38,453 | 229,165 | 18,870 | 152,619 | |
| April - June | 233,750 | 1,093 | 34,827 | 214,820 | 19,946 | 154,842 | |
| July - September | 227,131 | 2,142 | 27,183 | 249,872 | 18,522 | 121,909 | |
| October - December | 241,127 | 2,861 | 25,284 | 232,087 | 17,181 | 120,458 | |
| Total | 945,424 | 7,309 | | 944,081 | 74,519 | | -13,924 |
| 1994 | | | | | | | |
| January - March | 255,153 | 1,850 | 34,139 | 237,596 | 14,877 | 112,278 | |
| April - June | 256,964 | 1,577 | 35,758 | 223,145 | 17,940 | 126,694 | |
| July - September | 260,853 | 2,304 | 32,955 | 245,820 | 19,704 | 121,225 | |
| October - December | 260,535 | 1,853 | 33,219 | 223,640 | 18,838 | 136,139 | |
| Total | 1,033,504 | 7,584 | | 951,461 | 71,359 | | -5,348 |
| 1995 | | | | | | | |
| January - March | 267,121 | 1,795 | 42,460 | 227,695 | 18,988 | 144,004 | |
| April - June | 249,352 | 1,609 | 42,104 | 217,496 | 23,184 | 151,657 | |
| July - September | 257,857 | 1,725 | 36,193 | 259,415 | 22,175 | 131,739 | |
| October - December | 258,644 | 2,071 | 34,444 | 236,274 | 24,201 | 134,639 | |
| Total | 1,032,974 | 7,201 | | 962,039 | 88,547 | | -10,136 |
| 1996 | | | | | | | |
| January - March | 259,756 | 1,713 | 36,851 | 243,360 | 20,516 | 124,752 | |
| April - June | 263,397 | 1,552 | 37,344 | 229,264 | 23,039 | 134,280 | |
| July - September | 272,118 | 2,071 | 33,780 | 259,657 | 23,504 | 127,588 | |
| October - December | 268,585 | 1,790 | 28,648 | 251,053 | 23,414 | 122,979 | |
| Total | 1,063,856 | 7,126 | | 1,005,573 | 90,473 | | -7,608 |
| 1997 | | | | | | | |
| January - March | 274,080 | 1,331 | 37,544 | 246,633 | 20,011 | 120,671 | |
| April - June | 270,136 | 1,708 | 42,529 | 233,463 | 20,603 | 127,588 | |
| July - September | 271,650 | 2,222 | 39,111 | 269,464 | 22,354 | 109,516 | |
| October - December | 274,065 | 2,226 | 33,973 | 258,065 | 20,576 | 106,401 | |
| Total | 1,089,932 | 7,487 | | 1,030,453 | 83,545 | | -5,326 |
| 1998 | | | | | | | |
| January - March | 279,191 | 1,839 | ^E 40,994 | 247,568 | 18,294 | 114,114 | |
| April - June | 271,612 | 2,193 | ^E 38,331 | 243,921 | 20,500 | 124,735 | |
| Total | 550,803 | 4,031 | | 491,488 | 38,793 | | |

¹ Reported as of the last day of the quarter.

² Total/Annual includes coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke and commercial sectors. Therefore, quarterly data does not total to Total/Annual data.

³ 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.

Notes: Consumption data for 1992 through 1997 includes coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. Total may not equal sum of components because of independent rounding.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6, 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-6, "Coal Distribution Report;" and Form EIA-6, Schedule Q, "Quarterly Coal Report;" • 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-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and Form EIA-6, "Coal Distribution Report."

Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1992-1998
(Thousand Short Tons)

| Year and Quarter | Production | Imports | Producer and Distributor Stocks ¹ | Consumption ² | Exports |
|-----------------------------------|---------------|--------------|--|--------------------------|--------------|
| 1992 January - March | 5,892 | 508 | 2,101 | 6,290 | 116 |
| April - June | 5,850 | 430 | 2,027 | 6,197 | 157 |
| July - September | 5,837 | 333 | 2,055 | 5,897 | 245 |
| October - December..... | 5,831 | 468 | 1,883 | 6,347 | 124 |
| Total | 23,410 | 1,739 | | 24,731 | 642 |
| 1993 January - March | 5,711 | 360 | 1,678 | 6,181 | 95 |
| April - June | 5,885 | 485 | 1,683 | 6,176 | 189 |
| July - September | 5,894 | 297 | 1,481 | 6,113 | 280 |
| October - December..... | 5,692 | 392 | 1,461 | 5,834 | 271 |
| Total | 23,182 | 1,534 | | 24,303 | 835 |
| 1994 January - March | 5,507 | 292 | 1,090 | 6,072 | 99 |
| April - June | 5,753 | 479 | 897 | 6,242 | 182 |
| July - September | 5,680 | 377 | 997 | 5,775 | 182 |
| October - December..... | 5,746 | 463 | 936 | 6,073 | 198 |
| Total | 22,686 | 1,612 | | 24,163 | 660 |
| 1995 January - March | 5,848 | 484 | 897 | 6,287 | 135 |
| April - June | 5,955 | 447 | 1,143 | 5,969 | 187 |
| July - September | 5,979 | 382 | 1,170 | 6,146 | 187 |
| October - December..... | 5,966 | 503 | 1,302 | 6,098 | 240 |
| Total | 23,749 | 1,816 | | 24,500 | 750 |
| 1996 January - March | 5,746 | 418 | 1,144 | 6,193 | 128 |
| April - June | 5,786 | 240 | 1,173 | 5,597 | 399 |
| July - September | 5,869 | 152 | 1,158 | 5,785 | 251 |
| October - December..... | 5,675 | 301 | 1,323 | 5,468 | 343 |
| Total | 23,075 | 1,111 | | 23,043 | 1,121 |
| 1997 January - March | 5,551 | 271 | 1,348 | 5,734 | 63 |
| April - June | 5,488 | 411 | 1,522 | 5,442 | 282 |
| July - September | 5,598 | 497 | 1,634 | 5,723 | 260 |
| October - December..... | 5,478 | 387 | 1,294 | 5,978 | 226 |
| Total | 22,116 | 1,565 | | 22,877 | 832 |
| 1998 January - March | 5,218 | 385 | 1,110 | 5,733 | 79 |
| April - June | 4,972 | 372 | 866 | 5,354 | 208 |
| Total | 10,189 | 757 | | 11,087 | 288 |

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.

Notes: 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, "Coke Plant Report - Quarterly" • 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."

Production

Table 3. U.S. Coal Production, 1992-1998
(Thousand Short Tons)

| Year | January - March | April - June | July - September | October - December | Year to Date |
|-----------|-----------------|--------------|------------------|--------------------|--------------|
| 1992..... | 255,956 | 242,735 | 249,055 | 249,799 | 997,545 |
| 1993..... | 243,417 | 233,750 | 227,131 | 241,127 | 945,424 |
| 1994..... | 255,153 | 256,964 | 260,853 | 260,535 | 1,033,504 |
| 1995..... | 267,121 | 249,352 | 257,857 | 258,644 | 1,032,974 |
| 1996..... | 259,756 | 263,397 | 272,118 | 268,585 | 1,063,856 |
| 1997..... | 274,080 | 270,136 | 271,650 | 274,065 | 1,089,932 |
| 1998..... | 279,191 | 271,612 | NA | NA | 550,803 |

NA Not available.

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

Sources: Energy Information Administration (EIA), Form EIA-6, 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.

Table 4. Coal Production by State
(Thousand Short Tons)

| Coal-Producing Region and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|-------------------------------------|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| Alabama..... | 5,647 | 6,382 | 6,528 | 12,029 | 13,042 | -7.8 |
| Alaska..... | 393 | 367 | 318 | 760 | 690 | 10.1 |
| Arizona..... | 2,616 | 3,136 | 2,629 | 5,752 | 5,605 | 2.6 |
| Arkansas..... | 8 | 7 | 4 | 16 | 8 | 93.5 |
| Colorado..... | 7,424 | 7,034 | 7,941 | 14,458 | 15,061 | -4.0 |
| Illinois..... | 10,603 | 8,995 | 10,211 | 19,598 | 22,107 | -11.4 |
| Indiana..... | 8,996 | 9,219 | 8,933 | 18,215 | 16,197 | 12.5 |
| Kansas..... | 97 | 94 | 114 | 191 | 197 | -2.8 |
| Kentucky Total..... | 33,988 | 39,331 | 38,537 | 73,319 | 77,845 | -5.8 |
| Eastern..... | 26,539 | 30,755 | 30,659 | 57,294 | 61,438 | -6.7 |
| Western..... | 7,449 | 8,576 | 7,878 | 16,025 | 16,408 | -2.3 |
| Louisiana..... | 736 | 750 | 971 | 1,486 | 1,763 | -15.7 |
| Maryland..... | 912 | 1,111 | 945 | 2,022 | 2,121 | -4.6 |
| Missouri..... | 82 | 73 | 85 | 155 | 214 | -27.4 |
| Montana..... | 10,638 | 10,455 | 9,234 | 21,093 | 18,948 | 11.3 |
| New Mexico..... | 6,820 | 6,622 | 6,613 | 13,442 | 13,722 | -2.0 |
| North Dakota..... | 6,911 | 7,794 | 6,965 | 14,705 | 14,409 | 2.1 |
| Ohio..... | 7,845 | 7,595 | 6,809 | 15,440 | 14,293 | 8.0 |
| Oklahoma..... | 457 | 416 | 395 | 873 | 822 | 6.2 |
| Pennsylvania Total..... | 18,471 | 19,606 | 19,589 | 38,077 | 37,633 | 1.2 |
| Anthracite..... | 952 | 921 | 1,058 | 1,873 | 2,206 | -15.1 |
| Bituminous..... | 17,519 | 18,686 | 18,531 | 36,204 | 35,427 | 2.2 |
| Tennessee..... | 659 | 656 | 833 | 1,315 | 1,768 | -25.6 |
| Texas..... | 13,081 | 12,823 | 12,462 | 25,904 | 25,796 | .4 |
| Utah..... | 5,808 | 6,367 | 7,258 | 12,175 | 13,889 | -12.3 |
| Virginia..... | 8,160 | 8,301 | 9,037 | 16,460 | 18,219 | -9.7 |
| Washington..... | 1,191 | 894 | 976 | 2,085 | 1,780 | 17.1 |
| West Virginia Total..... | 43,348 | 44,742 | 44,275 | 88,089 | 89,845 | -2.0 |
| Northern..... | 11,689 | 12,761 | 10,809 | 24,450 | 22,672 | 7.8 |
| Southern..... | 31,659 | 31,980 | 33,466 | 63,640 | 67,173 | -5.3 |
| Wyoming..... | 76,723 | 76,421 | 68,473 | 153,144 | 138,241 | 10.8 |
| Appalachian Total..... | 111,580 | 119,148 | 118,675 | 230,728 | 238,358 | -3.2 |
| Interior Total..... | 41,509 | 40,953 | 41,054 | 82,462 | 83,511 | -1.3 |
| Western Total..... | 118,523 | 119,090 | 110,407 | 237,613 | 222,347 | 6.9 |
| East of the Miss. River..... | 138,628 | 145,938 | 145,698 | 284,566 | 293,070 | -2.9 |
| West of the Miss. River..... | 132,984 | 133,253 | 124,438 | 266,237 | 251,146 | 6.0 |
| U.S. Total..... | 271,612 | 279,191 | 270,136 | 550,803 | 544,216 | 1.2 |

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

Sources: Energy Information Administration (EIA), Form EIA-6, 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.

Table 5. Coke and Breeze Production at Coke Plants

(Thousand Short Tons)

| Census Division | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------------|----------------------------|-------------------------|--------------|--------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Middle Atlantic Total | 1,628 | 2,046 | 2,254 | 3,674 | 4,474 | -17.9 |
| East North Central Total | 2,148 | 2,119 | 2,182 | 4,267 | 4,409 | -3.2 |
| South Atlantic Total | w | w | w | w | w | w |
| East South Central Total | 764 | 717 | 851 | 1,481 | 1,726 | -14.2 |
| Mountain Total | w | w | w | w | w | w |
| U.S. Total | 5,277 | 5,525 | 5,798 | 10,803 | 11,660 | -7.4 |
| Coke Total | 4,972 | 5,218 | 5,488 | 10,189 | 11,040 | -7.7 |
| Breeze Total | 305 | 308 | 309 | 613 | 621 | -1.2 |

^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, "Coke Plant Report - Quarterly."

Exports and Imports

Table 6. U.S. Coal Exports and Imports, 1992-1998
(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 |
| 1992..... | 24,731 | 679 | 27,010 | 1,043 | 26,481 | 882 | 24,294 | 1,199 | 102,516 | 3,803 |
| 1993..... | 18,870 | 1,213 | 19,946 | 1,093 | 18,522 | 2,142 | 17,181 | 2,861 | 74,519 | 7,309 |
| 1994..... | 14,877 | 1,850 | 17,940 | 1,577 | 19,704 | 2,304 | 18,838 | 1,853 | 71,359 | 7,584 |
| 1995..... | 18,988 | 1,795 | 23,184 | 1,609 | 22,175 | 1,725 | 24,201 | 2,071 | 88,547 | 7,201 |
| 1996..... | 20,516 | 1,713 | 23,039 | 1,552 | 23,504 | 2,071 | 23,414 | 1,790 | 90,473 | 7,126 |
| 1997..... | 20,011 | 1,331 | 20,603 | 1,708 | 22,354 | 2,222 | 20,576 | 2,226 | 83,545 | 7,487 |
| 1998..... | 18,294 | 1,839 | 20,500 | 2,193 | NA | NA | NA | NA | 38,793 | 4,032 |

NA Not available.

Notes: Total may not equal sum of components because of independent rounding. More detailed data included in Table A3.

Sources: 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 7. Average Price of U.S. Coal Exports and Imports, 1992-1998
(Dollars per Short Ton)

| Year | January - March | | April - June | | July - September | | October - December | | Total | |
|-----------|-----------------|---------|--------------|---------|------------------|---------|--------------------|---------|---------|---------|
| | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports | Exports | Imports |
| 1992..... | \$42.28 | \$33.63 | \$41.34 | \$32.96 | \$40.70 | \$34.43 | \$41.07 | \$33.08 | \$41.34 | \$33.46 |
| 1993..... | 42.46 | 30.70 | 41.42 | 32.26 | 40.72 | 29.52 | 41.00 | 28.91 | 41.41 | 29.89 |
| 1994..... | 41.89 | 28.86 | 40.01 | 28.73 | 38.86 | 30.92 | 39.43 | 31.93 | 39.93 | 30.21 |
| 1995..... | 39.90 | 32.33 | 39.59 | 36.16 | 40.99 | 33.61 | 40.55 | 34.54 | 40.27 | 34.13 |
| 1996..... | 41.77 | 33.52 | 40.78 | 32.46 | 40.53 | 33.19 | 40.08 | 34.55 | 40.76 | 33.45 |
| 1997..... | 41.72 | 33.85 | 40.80 | 35.26 | 39.42 | 33.69 | 40.40 | 34.49 | 40.55 | 34.32 |
| 1998..... | 41.90 | 33.98 | 38.60 | 31.43 | NA | NA | NA | NA | NA | NA |

NA Not available.

Notes: Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. More detailed data included in Table A4. Total may not equal sum of components because of independent rounding.

Sources: 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. U.S. Coal Exports
(Short Tons)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|-------------------|-------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 6,220,099 | 2,455,244 | 4,061,358 | 8,675,343 | 5,948,363 | 45.8 |
| Canada ¹ | 5,806,393 | 1,999,706 | 3,564,963 | 7,806,099 | 5,019,148 | 55.5 |
| Dominican Republic..... | 21,108 | 43,901 | — | 65,009 | — | — |
| Jamaica..... | — | 14,779 | 14,261 | 14,779 | 27,844 | -46.9 |
| Mexico..... | 388,769 | 393,444 | 482,134 | 782,213 | 895,755 | -12.7 |
| Other ² | 3,829 | 3,414 | — | 7,243 | 5,616 | 29.0 |
| South America Total | 1,824,955 | 2,008,237 | 2,021,661 | 3,833,192 | 4,165,531 | -8.0 |
| Argentina..... | 88,108 | 89,757 | 15,877 | 177,865 | 176,892 | .6 |
| Brazil..... | 1,675,778 | 1,788,968 | 1,828,935 | 3,464,746 | 3,754,570 | -7.7 |
| Chile..... | 434 | 50,279 | 90,518 | 50,713 | 95,999 | -47.2 |
| Other ² | 60,635 | 79,233 | 86,331 | 139,868 | 138,070 | 1.3 |
| Europe Total | 8,847,729 | 9,375,173 | 10,796,233 | 18,222,902 | 21,875,993 | -16.7 |
| Belgium & Luxembourg..... | 964,236 | 987,540 | 830,745 | 1,951,776 | 2,212,636 | -11.8 |
| Bulgaria..... | 372,706 | 506,231 | 440,807 | 878,937 | 663,504 | 32.5 |
| Denmark..... | 119,524 | 154,909 | 109,105 | 274,433 | 224,847 | 22.1 |
| Finland..... | 202,862 | — | 204,381 | 202,862 | 204,381 | -.7 |
| France..... | 792,175 | 874,249 | 891,402 | 1,666,424 | 1,824,906 | -8.7 |
| Germany, FR..... | 375,650 | 238,807 | 297,117 | 614,457 | 427,658 | 43.7 |
| Ireland..... | 134,670 | 491,501 | 118,621 | 626,171 | 382,134 | 63.9 |
| Italy..... | 1,459,751 | 1,612,341 | 1,859,879 | 3,072,092 | 3,589,967 | -14.4 |
| Netherlands..... | 929,105 | 1,169,414 | 929,093 | 2,098,519 | 2,609,438 | -19.6 |
| Norway..... | 13,246 | 25,091 | 37,430 | 38,337 | 54,733 | -30.0 |
| Portugal..... | 205,670 | 147,835 | 366,709 | 353,505 | 569,067 | -37.9 |
| Romania..... | 533,098 | 350,985 | 726,902 | 884,083 | 1,025,481 | -13.8 |
| Spain..... | 806,531 | 876,153 | 1,156,369 | 1,682,684 | 2,154,340 | -21.9 |
| Sweden..... | 81,004 | 77,572 | 88,255 | 158,576 | 169,729 | -6.6 |
| Turkey..... | 427,660 | 609,949 | 657,443 | 1,037,609 | 1,253,627 | -17.2 |
| United Kingdom..... | 1,415,188 | 1,237,380 | 2,067,044 | 2,652,568 | 4,477,836 | -40.8 |
| Other ² | 14,653 | 15,216 | 14,931 | 29,869 | 31,709 | -5.8 |
| Asia Total | 2,848,527 | 3,700,228 | 3,222,816 | 6,548,755 | 7,178,126 | -8.8 |
| China (Taiwan)..... | 406,838 | 274,409 | 384,319 | 681,247 | 1,024,800 | -33.5 |
| Israel..... | 151,191 | 182,322 | 45,333 | 333,513 | 331,637 | .6 |
| Japan..... | 1,602,131 | 2,492,550 | 1,826,810 | 4,094,681 | 4,187,242 | -2.2 |
| Korea, Republic of..... | 667,827 | 720,284 | 964,784 | 1,388,111 | 1,598,127 | -13.1 |
| Other ² | 20,540 | 30,663 | 1,570 | 51,203 | 36,320 | 41.0 |
| Oceania & Australia Total | 170 | 3,963 | 609 | 4,133 | 609 | (3) |
| Africa Total | 758,073 | 750,919 | 500,590 | 1,508,992 | 1,445,716 | 4.4 |
| Algeria..... | 55,102 | 114,523 | 55,030 | 169,625 | 110,010 | 54.2 |
| Egypt..... | 367,253 | 316,871 | 255,832 | 684,124 | 635,722 | 7.6 |
| Morocco..... | 68,102 | — | — | 68,102 | 141,980 | -52.0 |
| South Africa, Rep of..... | 264,095 | 315,309 | 189,400 | 579,404 | 557,676 | 3.9 |
| Other ² | 3,521 | 4,216 | 328 | 7,737 | 328 | (3) |
| Total | 20,499,553 | 18,293,764 | 20,603,267 | 38,793,317 | 40,614,338 | -4.5 |

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 exports less than or equal to 50,000 short tons in 1997.

³ 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 9. Average Price of U.S. Coal Exports

(Dollars per Short Ton)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | \$28.54 | \$29.57 | \$30.46 | \$28.83 | \$31.34 | -8.0 |
| Canada ¹ | 28.07 | 27.91 | 29.52 | 28.03 | 30.04 | -6.7 |
| Dominican Republic..... | 36.74 | 36.74 | - | 36.74 | - | - |
| Jamaica..... | - | 39.69 | 41.96 | 39.69 | 41.96 | -5.4 |
| Mexico..... | 34.87 | 36.45 | 36.96 | 35.66 | 38.08 | -6.3 |
| Other ² | 40.79 | 41.23 | - | 41.00 | 40.68 | .8 |
| South America Total | 43.49 | 43.18 | 43.21 | 43.32 | 43.84 | -1.2 |
| Argentina..... | 43.39 | 46.72 | 40.75 | 45.07 | 47.52 | -5.1 |
| Brazil..... | 43.52 | 43.51 | 43.80 | 43.52 | 44.02 | -1.1 |
| Chile..... | 40.75 | 28.59 | 33.66 | 28.67 | 34.01 | -15.7 |
| Other ² | 42.68 | 40.81 | 40.81 | 41.62 | 40.85 | 1.9 |
| Europe Total | 43.23 | 44.51 | 42.85 | 43.89 | 42.62 | 3.0 |
| Belgium & Luxembourg..... | 44.62 | 46.91 | 47.09 | 45.78 | 46.58 | -1.7 |
| Bulgaria..... | 42.58 | 46.11 | 47.13 | 44.61 | 46.85 | -4.8 |
| Denmark..... | 34.02 | 34.02 | 30.80 | 34.02 | 33.55 | 1.4 |
| Finland..... | 40.46 | - | 41.51 | 40.46 | 41.51 | -2.5 |
| France..... | 46.06 | 46.50 | 45.16 | 46.29 | 45.58 | 1.6 |
| Germany, FR..... | 33.87 | 41.56 | 45.86 | 36.86 | 44.90 | -17.9 |
| Ireland..... | 37.42 | 37.70 | 37.42 | 37.64 | 37.77 | -.3 |
| Italy..... | 46.75 | 46.32 | 44.84 | 46.52 | 45.38 | 2.5 |
| Netherlands..... | 44.17 | 47.08 | 45.86 | 45.79 | 44.47 | 3.0 |
| Norway..... | 57.11 | 57.18 | - | 57.17 | - | - |
| Portugal..... | 37.39 | 40.09 | 35.55 | 38.52 | 36.71 | 4.9 |
| Romania..... | 42.35 | 43.02 | 48.00 | 42.62 | 47.00 | -9.3 |
| Spain..... | 41.91 | 44.00 | 34.09 | 43.06 | 35.97 | 19.7 |
| Sweden..... | 46.80 | 48.45 | 48.34 | 47.61 | 48.32 | -1.5 |
| Turkey..... | 46.32 | 44.95 | 46.62 | 45.52 | 46.42 | -1.9 |
| United Kingdom..... | 41.36 | 40.86 | 39.59 | 41.13 | 37.81 | 8.8 |
| Other ² | 56.40 | 53.33 | 54.59 | 54.84 | 54.73 | .2 |
| Asia Total | 39.66 | 40.29 | 40.89 | 40.02 | 40.26 | -6 |
| China (Taiwan)..... | 34.34 | 36.63 | 34.54 | 35.26 | 36.39 | -3.1 |
| Israel..... | 31.93 | 36.04 | 37.19 | 34.18 | 37.11 | -7.9 |
| Japan..... | 39.97 | 39.45 | 40.14 | 39.65 | 39.66 | * |
| Korea, Republic of..... | 43.87 | 45.66 | 45.02 | 44.80 | 45.11 | -.7 |
| Other ² | 39.91 | 40.81 | 39.93 | 40.45 | 35.16 | 15.0 |
| Oceania & Australia Total | 40.61 | 51.08 | 40.81 | 50.70 | 40.81 | 24.2 |
| Africa Total | 44.77 | 46.22 | 49.90 | 45.48 | 48.82 | -6.8 |
| Algeria..... | 41.30 | 45.13 | 46.28 | 43.89 | 47.37 | -7.4 |
| Egypt..... | 44.53 | 43.94 | 51.48 | 44.26 | 52.85 | -16.3 |
| Morocco..... | 31.57 | - | - | 31.57 | 30.67 | 2.9 |
| South Africa, Rep of..... | 49.28 | 49.35 | 48.83 | 49.31 | 49.14 | .4 |
| Other ² | 40.81 | 37.21 | 40.76 | 38.85 | 40.76 | -4.7 |
| Total ³ | 38.40 | 41.62 | 40.39 | 39.92 | 40.95 | -2.5 |
| U.S. Total ⁴ | 38.60 | 41.90 | 40.80 | 40.16 | 41.26 | -2.7 |

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 exports less than or equal to 50,000 short tons in 1997.

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.

* Rounded to zero

Notes: 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 10. U.S. Steam Coal Exports
(Short Tons)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|-------------------|-------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 4,880,569 | 1,951,953 | 2,552,607 | 6,832,522 | 4,237,965 | 61.2 |
| Canada ¹ | 4,482,781 | 1,497,301 | 2,158,882 | 5,980,082 | 3,494,627 | 71.1 |
| Dominican Republic..... | 21,108 | 43,901 | — | 65,009 | — | — |
| Jamaica..... | — | 14,779 | 14,261 | 14,779 | 27,844 | -46.9 |
| Mexico..... | 372,851 | 392,558 | 379,464 | 765,409 | 709,878 | 7.8 |
| Other ² | 3,829 | 3,414 | — | 7,243 | 5,616 | 29.0 |
| South America Total | 45,284 | 145,297 | 228,118 | 190,581 | 351,803 | -45.8 |
| Argentina..... | 5,394 | 14,985 | 15,877 | 20,379 | 34,219 | -40.4 |
| Brazil..... | 9,323 | 800 | 35,392 | 10,123 | 83,515 | -87.9 |
| Chile..... | 434 | 50,279 | 90,518 | 50,713 | 95,999 | -47.2 |
| Other ² | 30,133 | 79,233 | 86,331 | 109,366 | 138,070 | -20.8 |
| Europe Total | 1,940,154 | 2,194,757 | 3,413,205 | 4,134,911 | 7,201,771 | -42.6 |
| Belgium & Luxembourg..... | 127,994 | 126,519 | 80,535 | 254,513 | 375,587 | -32.2 |
| Denmark..... | 119,524 | 154,909 | 109,105 | 274,433 | 224,847 | 22.1 |
| Finland..... | — | — | 60,361 | — | 60,361 | — |
| France..... | — | 81,196 | 70,155 | 81,196 | 201,479 | -59.7 |
| Germany, FR..... | 263,730 | 128,995 | 64,316 | 392,725 | 129,500 | 203.3 |
| Ireland..... | 134,670 | 491,501 | 118,621 | 626,171 | 261,313 | 139.6 |
| Italy..... | 283,892 | 390,692 | 657,245 | 674,584 | 1,309,661 | -48.5 |
| Netherlands..... | 102,494 | 50,569 | 79,708 | 153,063 | 428,290 | -64.3 |
| Norway..... | — | — | 6,638 | — | 6,638 | — |
| Portugal..... | 132,921 | 81,218 | 366,709 | 214,139 | 496,268 | -56.9 |
| Spain..... | 248,445 | 167,952 | 677,534 | 416,397 | 1,052,310 | -60.4 |
| Turkey..... | 295 | 925 | 497 | 1,220 | 1,775 | -31.3 |
| United Kingdom..... | 526,009 | 518,016 | 1,118,729 | 1,044,025 | 2,647,175 | -60.6 |
| Other ² | 180 | 2,265 | 3,052 | 2,445 | 6,567 | -62.8 |
| Asia Total | 1,073,263 | 1,655,766 | 1,183,245 | 2,729,029 | 3,139,114 | -13.1 |
| China (Taiwan)..... | 406,838 | 195,582 | 384,319 | 602,420 | 887,067 | -32.1 |
| Israel..... | 115,597 | 144,631 | 45,333 | 260,228 | 299,542 | -13.1 |
| Japan..... | 372,662 | 1,131,243 | 515,743 | 1,503,905 | 1,609,983 | -6.6 |
| Korea, Republic of..... | 157,626 | 153,647 | 236,280 | 311,273 | 318,049 | -2.1 |
| Other ² | 20,540 | 30,663 | 1,570 | 51,203 | 24,473 | 109.2 |
| Oceania & Australia Total | 170 | 1,132 | 609 | 1,302 | 609 | 113.8 |
| Africa Total | 72,347 | 4,216 | 578 | 76,563 | 143,309 | -46.6 |
| Egypt..... | 724 | — | 250 | 724 | 1,001 | -27.7 |
| Morocco..... | 68,102 | — | — | 68,102 | 141,980 | -52.0 |
| Other ² | 3,521 | 4,216 | 328 | 7,737 | 328 | (3) |
| Total | 8,011,787 | 5,953,121 | 7,378,362 | 13,964,908 | 15,074,571 | -7.4 |

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 exports less than or equal to 50,000 short tons in 1997.

³ Changes of 500 percent or more are not shown.

Notes: 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 11. Average Price of U.S. Steam Coal Exports
(Dollars per Short Ton)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | \$25.69 | \$28.57 | \$27.49 | \$26.51 | \$29.37 | -9.7 |
| Canada ¹ | 24.89 | 26.02 | 26.06 | 25.17 | 27.86 | -9.7 |
| Dominican Republic..... | 36.74 | 36.74 | - | 36.74 | - | - |
| Jamaica..... | - | 39.69 | 41.96 | 39.69 | 41.96 | -5.4 |
| Mexico..... | 34.21 | 36.45 | 34.48 | 35.36 | 35.76 | -1.1 |
| Other ² | 40.79 | 41.23 | - | 41.00 | 40.68 | .8 |
| South America Total | 40.85 | 36.58 | 37.35 | 37.58 | 39.26 | -4.3 |
| Argentina..... | 40.80 | 40.80 | 40.75 | 40.80 | 40.78 | * |
| Brazil..... | 40.80 | 40.77 | 37.76 | 40.80 | 42.23 | -3.4 |
| Chile..... | 40.75 | 28.59 | 33.66 | 28.67 | 34.01 | -15.7 |
| Other ² | 40.88 | 40.81 | 40.81 | 40.83 | 40.85 | -0.1 |
| Europe Total | 31.71 | 33.93 | 31.95 | 32.91 | 32.25 | 2.1 |
| Belgium & Luxembourg..... | 35.38 | 35.18 | 37.06 | 35.28 | 37.08 | -4.9 |
| Denmark..... | 34.02 | 34.02 | 30.80 | 34.02 | 33.55 | 1.4 |
| Finland..... | - | - | 36.20 | - | 36.20 | - |
| France..... | - | 36.20 | 37.20 | 36.20 | 35.54 | 1.9 |
| Germany, FR..... | 28.64 | 35.97 | 37.88 | 31.05 | 37.88 | -18.0 |
| Ireland..... | 37.42 | 37.70 | 37.42 | 37.64 | 37.94 | -0.8 |
| Italy..... | 38.72 | 38.68 | 38.72 | 38.70 | 40.17 | -3.7 |
| Netherlands..... | 28.30 | 24.60 | 31.09 | 27.17 | 32.25 | -15.8 |
| Portugal..... | 33.02 | 36.88 | 35.55 | 34.48 | 35.50 | -2.9 |
| Spain..... | 22.11 | 21.02 | 22.08 | 21.56 | 21.93 | -1.7 |
| Turkey..... | 40.74 | 40.75 | 40.79 | 40.75 | 40.77 | -0.1 |
| United Kingdom..... | 29.81 | 30.04 | 31.08 | 29.92 | 29.83 | .3 |
| Other ² | 40.58 | 34.48 | 34.47 | 34.93 | 34.59 | 1.0 |
| Asia Total | 33.91 | 35.01 | 34.77 | 34.58 | 35.39 | -2.3 |
| China (Taiwan)..... | 34.34 | 34.52 | 34.54 | 34.40 | 35.16 | -2.2 |
| Israel..... | 32.34 | 34.88 | 37.19 | 33.75 | 35.82 | -5.8 |
| Japan..... | 33.78 | 34.52 | 34.39 | 34.34 | 35.62 | -3.6 |
| Korea, Republic of..... | 33.48 | 38.17 | 35.47 | 35.80 | 35.34 | 1.3 |
| Other ² | 39.91 | 40.81 | 39.93 | 40.45 | 24.18 | 67.3 |
| Oceania & Australia Total | 40.61 | 40.80 | 40.81 | 40.78 | 40.81 | -0.1 |
| Africa Total | 32.10 | 37.21 | 40.80 | 32.38 | 30.77 | 5.3 |
| Egypt..... | 39.88 | - | 40.86 | 39.88 | 40.82 | -2.3 |
| Morocco..... | 31.57 | - | - | 31.57 | 30.67 | 2.9 |
| Other ² | 40.81 | 37.21 | 40.76 | 38.85 | 40.76 | -4.7 |
| Total ³ | 28.40 | 32.59 | 31.10 | 30.20 | 32.29 | -6.5 |
| U.S. Total ⁴ | 29.18 | 33.19 | 32.25 | 30.89 | 33.10 | -6.7 |

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 exports less than or equal to 50,000 short tons in 1997.

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.

* Rounded to zero

Notes: 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 12. U.S. Metallurgical Coal Exports
(Short Tons)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|-------------------|-------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 1,339,530 | 503,291 | 1,508,751 | 1,842,821 | 1,710,398 | 7.7 |
| Canada ¹ | 1,323,612 | 502,405 | 1,406,081 | 1,826,017 | 1,524,521 | 19.8 |
| Mexico..... | 15,918 | 886 | 102,670 | 16,804 | 185,877 | -91.0 |
| South America Total | 1,779,671 | 1,862,940 | 1,793,543 | 3,642,611 | 3,813,728 | -4.5 |
| Argentina..... | 82,714 | 74,772 | - | 157,486 | 142,673 | 10.4 |
| Brazil..... | 1,666,455 | 1,788,168 | 1,793,543 | 3,454,623 | 3,671,055 | -5.9 |
| Other ² | 30,502 | - | - | 30,502 | - | - |
| Europe Total | 6,907,575 | 7,180,416 | 7,383,028 | 14,087,991 | 14,674,222 | -4.0 |
| Belgium & Luxembourg..... | 836,242 | 861,021 | 750,210 | 1,697,263 | 1,837,049 | -7.6 |
| Bulgaria..... | 372,706 | 506,231 | 440,807 | 878,937 | 663,504 | 32.5 |
| Finland..... | 202,862 | - | 144,020 | 202,862 | 144,020 | 40.9 |
| France..... | 792,175 | 793,053 | 821,247 | 1,585,228 | 1,623,427 | -2.4 |
| Germany, FR..... | 111,920 | 109,812 | 232,801 | 221,732 | 298,158 | -25.6 |
| Ireland..... | - | - | - | - | 120,821 | - |
| Italy..... | 1,175,859 | 1,221,649 | 1,202,634 | 2,397,508 | 2,280,306 | 5.1 |
| Netherlands..... | 826,611 | 1,118,845 | 849,385 | 1,945,456 | 2,181,148 | -10.8 |
| Norway..... | 13,246 | 25,091 | 30,792 | 38,337 | 48,095 | -20.3 |
| Portugal..... | 72,749 | 66,617 | - | 139,366 | 72,799 | 91.4 |
| Romania..... | 533,098 | 350,985 | 726,902 | 884,083 | 1,025,481 | -13.8 |
| Spain..... | 558,086 | 708,201 | 478,835 | 1,266,287 | 1,102,030 | 14.9 |
| Sweden..... | 81,004 | 77,572 | 88,255 | 158,576 | 169,729 | -6.6 |
| Turkey..... | 427,365 | 609,024 | 656,946 | 1,036,389 | 1,251,852 | -17.2 |
| United Kingdom..... | 889,179 | 719,364 | 948,315 | 1,608,543 | 1,830,661 | -12.1 |
| Other ² | 14,473 | 12,951 | 11,879 | 27,424 | 25,142 | 9.1 |
| Asia Total | 1,775,264 | 2,044,462 | 2,039,571 | 3,819,726 | 4,039,012 | -5.4 |
| China (Taiwan)..... | - | 78,827 | - | 78,827 | 137,733 | -42.8 |
| Israel..... | 35,594 | 37,691 | - | 73,285 | 32,095 | 128.3 |
| Japan..... | 1,229,469 | 1,361,307 | 1,311,067 | 2,590,776 | 2,577,259 | .5 |
| Korea, Republic of..... | 510,201 | 566,637 | 728,504 | 1,076,838 | 1,280,078 | -15.9 |
| Other ² | - | - | - | - | 11,847 | - |
| Oceania & Australia Total | - | 2,831 | - | 2,831 | - | - |
| Africa Total | 685,726 | 746,703 | 500,012 | 1,432,429 | 1,302,407 | 10.0 |
| Algeria..... | 55,102 | 114,523 | 55,030 | 169,625 | 110,010 | 54.2 |
| Egypt..... | 366,529 | 316,871 | 255,582 | 683,400 | 634,721 | 7.7 |
| South Africa, Rep of..... | 264,095 | 315,309 | 189,400 | 579,404 | 557,676 | 3.9 |
| Total | 12,487,766 | 12,340,643 | 13,224,905 | 24,828,409 | 25,539,767 | -2.8 |

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 exports less than or equal to 50,000 short tons in 1997.

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

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | \$38.63 | \$33.29 | \$35.19 | \$37.18 | \$35.98 | 3.3 |
| Canada ¹ | 38.49 | 33.29 | 34.42 | 37.06 | 34.67 | 6.9 |
| Mexico..... | 50.29 | - | 47.35 | 50.29 | 47.47 | 6.0 |
| South America Total | 43.55 | 43.69 | 43.92 | 43.62 | 44.25 | -1.4 |
| Argentina..... | 43.54 | 47.90 | - | 45.61 | 49.12 | -7.1 |
| Brazil..... | 43.53 | 43.51 | 43.92 | 43.52 | 44.06 | -1.2 |
| Other ² | 44.45 | - | - | 44.45 | - | - |
| Europe Total | 46.31 | 47.73 | 47.90 | 47.04 | 47.72 | -1.4 |
| Belgium & Luxembourg..... | 46.04 | 48.63 | 48.17 | 47.35 | 48.53 | -2.4 |
| Bulgaria..... | 42.58 | 46.11 | 47.13 | 44.61 | 46.85 | -4.8 |
| Finland..... | 40.46 | - | 43.73 | 40.46 | 43.73 | -7.5 |
| France..... | 46.06 | 47.55 | 45.84 | 46.80 | 46.82 | * |
| Germany, FR..... | 46.21 | 48.13 | 48.07 | 47.16 | 47.95 | -1.6 |
| Ireland..... | - | - | - | - | 37.42 | - |
| Italy..... | 48.69 | 48.76 | 48.18 | 48.72 | 48.38 | .7 |
| Netherlands..... | 46.00 | 47.92 | 47.24 | 47.11 | 46.87 | .5 |
| Norway..... | 57.11 | 57.18 | - | 57.17 | - | - |
| Portugal..... | 45.36 | 44.00 | - | 44.71 | 44.91 | -4 |
| Romania..... | 42.35 | 43.02 | 48.00 | 42.62 | 47.00 | -9.3 |
| Spain..... | 47.67 | 49.43 | 51.07 | 48.66 | 49.37 | -1.4 |
| Sweden..... | 46.80 | 48.45 | 48.34 | 47.61 | 48.32 | -1.5 |
| Turkey..... | 46.33 | 44.96 | 46.63 | 45.52 | 46.42 | -1.9 |
| United Kingdom..... | 48.20 | 48.66 | 49.64 | 48.40 | 49.35 | -1.9 |
| Other ² | 56.60 | 56.60 | 59.76 | 56.60 | 59.83 | -5.4 |
| Asia Total | 43.13 | 44.57 | 44.44 | 43.90 | 44.05 | -3 |
| China (Taiwan)..... | - | 41.86 | - | 41.86 | 44.30 | -5.5 |
| Israel..... | 30.58 | 40.51 | - | 35.69 | 49.08 | -27.3 |
| Japan..... | 41.85 | 43.55 | 42.41 | 42.74 | 42.18 | 1.3 |
| Korea, Republic of..... | 47.08 | 47.69 | 48.13 | 47.40 | 47.54 | -3 |
| Other ² | - | - | - | - | 57.51 | - |
| Oceania & Australia Total | - | 55.11 | - | 55.11 | - | - |
| Africa Total | 46.10 | 46.28 | 49.91 | 46.19 | 50.81 | -9.1 |
| Algeria..... | 41.30 | 45.13 | 46.28 | 43.89 | 47.37 | -7.4 |
| Egypt..... | 44.54 | 43.94 | 51.49 | 44.26 | 52.87 | -16.3 |
| South Africa, Rep of..... | 49.28 | 49.35 | 48.83 | 49.31 | 49.14 | .4 |
| Total ³ | 44.63 | 45.92 | 45.46 | 45.27 | 45.99 | -1.6 |
| U.S. Total ⁴ | 44.65 | 46.09 | 45.58 | 45.37 | 46.07 | -1.5 |

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 exports less than or equal to 50,000 short tons in 1997.

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.

* Rounded to zero

Notes: 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 14. Coal Exports by Customs District
(Short Tons)

| Customs District | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|-----------------------------|-------------------------|----------------------------|-------------------------|-------------------|-------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Eastern Total | 12,799,537 | 12,999,241 | 13,210,949 | 25,798,778 | 26,718,543 | -3.4 |
| Baltimore, MD..... | 1,511,366 | 2,142,712 | 1,740,467 | 3,654,078 | 3,832,478 | -4.7 |
| Portland, ME..... | 702 | 101,851 | 152 | 102,553 | 238 | (¹) |
| Buffalo, NY..... | 1,500,525 | 480,170 | 1,036,406 | 1,980,695 | 1,366,982 | 44.9 |
| New York City, NY..... | 5,965 | 2,547 | 335 | 8,512 | 1,223 | (¹) |
| Ogdensburg, NY..... | 47,791 | 6,862 | 38,921 | 54,653 | 43,312 | 26.2 |
| Philadelphia, PA..... | 58,377 | 44,670 | 95,114 | 103,047 | 131,670 | -21.7 |
| Norfolk, VA..... | 9,674,811 | 10,220,429 | 10,299,324 | 19,895,240 | 21,341,623 | -6.8 |
| St. Albans, VT..... | - | - | 230 | - | 1,017 | - |
| Southern Total | 2,852,580 | 2,870,711 | 3,998,617 | 5,723,291 | 8,250,154 | -30.6 |
| Mobile, AL..... | 1,343,999 | 1,150,602 | 1,535,799 | 2,494,601 | 2,911,062 | -14.3 |
| Savannah, GA..... | 293 | 1,110 | - | 1,403 | 27,655 | -94.9 |
| Miami, FL..... | 184 | 892 | 161 | 1,076 | 161 | (¹) |
| Tampa, FL..... | - | - | 45 | - | 45 | - |
| New Orleans, LA..... | 1,055,103 | 1,098,944 | 1,841,290 | 2,154,047 | 4,169,117 | -48.3 |
| Wilmington, NC..... | - | - | 20 | - | 20 | - |
| San Juan, PR..... | - | 39,742 | - | 39,742 | 23 | (¹) |
| Charleston, SC..... | 68 | 23 | 42,805 | 91 | 125,375 | -99.9 |
| Houston-Galveston, TX..... | 64,164 | 188,557 | 186,247 | 252,721 | 294,032 | -14.0 |
| Laredo, TX..... | 388,769 | 390,841 | 392,250 | 779,610 | 722,664 | 7.9 |
| Western Total | 717,975 | 1,215,035 | 997,307 | 1,933,010 | 2,339,136 | -17.4 |
| Anchorage, AK..... | 187,230 | 77,581 | 236,260 | 264,811 | 315,000 | -15.9 |
| Los Angeles, CA..... | 530,607 | 1,131,720 | 674,093 | 1,662,327 | 1,915,206 | -13.2 |
| San Diego, CA..... | - | 2,603 | 241 | 2,603 | 241 | (¹) |
| San Francisco, CA..... | - | 2,831 | 73,587 | 2,831 | 73,587 | -96.2 |
| Great Falls, MT..... | - | 71 | 86 | 71 | 142 | -50.0 |
| Seattle, WA..... | 138 | 229 | 13,040 | 367 | 34,960 | -99.0 |
| Northern Total | 4,123,578 | 1,202,429 | 2,391,361 | 5,326,007 | 3,294,773 | 61.7 |
| Detroit, MI..... | 398,910 | 135,655 | 761,320 | 534,565 | 1,487,393 | -64.1 |
| Duluth, MN..... | 90,655 | - | 184 | 90,655 | 184 | (¹) |
| Pembina, ND..... | 317 | 577 | 169 | 894 | 198 | 351.5 |
| Cleveland, OH..... | 3,633,651 | 1,066,197 | 1,629,688 | 4,699,848 | 1,806,998 | 160.1 |
| Milwaukee, WI..... | 45 | - | - | 45 | - | - |
| Other Ports | 5,883 | 6,348 | 5,033 | 12,231 | 11,732 | 4.3 |
| Total | 20,499,553 | 18,293,764 | 20,603,267 | 38,793,317 | 40,614,338 | -4.5 |

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 15. U.S. Coke Exports
(Short Tons)

| Continent and Country of Destination | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--------------------------------------|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 208,216 | 74,791 | 232,234 | 283,007 | 283,812 | -0.3 |
| Canada ¹ | 117,286 | 2,156 | 185,036 | 119,442 | 187,369 | -36.3 |
| Mexico..... | 89,810 | 72,139 | 46,935 | 161,949 | 95,585 | 69.4 |
| Other ² | 1,120 | 496 | 263 | 1,616 | 858 | 88.3 |
| South America Total | - | - | - | - | 11,563 | - |
| Europe Total | - | 4,704 | 50,241 | 4,704 | 50,241 | -90.6 |
| Other ² | - | 4,704 | 50,241 | 4,704 | 50,241 | -90.6 |
| Total | 208,216 | 79,495 | 282,475 | 287,711 | 345,616 | -16.8 |

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 exports less than or equal to 50,000 short tons in 1997.

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 16. U.S. Coal Imports
(Short Tons)

| Continent and Country of Origin | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------|----------------------|-------------------|------------------|------------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 298,448 | 131,459 | 317,562 | 429,907 | 498,429 | -13.7 |
| Canada..... | 297,754 | 131,459 | 317,562 | 429,213 | 498,076 | -13.8 |
| Mexico..... | 694 | - | - | 694 | 353 | 96.6 |
| South America Total | 1,489,803 | 1,425,452 | 1,164,401 | 2,915,255 | 1,803,962 | 61.6 |
| Argentina..... | - | - | 13 | - | 13 | - |
| Colombia..... | 844,210 | 658,637 | 874,727 | 1,502,847 | 1,367,214 | 9.9 |
| Venezuela..... | 645,593 | 766,815 | 289,661 | 1,412,408 | 436,735 | 223.4 |
| Europe Total | 437 | 4,098 | 8,094 | 4,535 | 15,921 | -71.5 |
| Belgium & Luxembourg..... | - | 1,847 | 1,241 | 1,847 | 2,479 | -25.5 |
| Germany, FR..... | - | - | 1 | - | 1 | - |
| Italy..... | - | 25 | - | 25 | - | - |
| Norway..... | - | - | 6,852 | - | 13,441 | - |
| United Kingdom..... | 437 | 2,226 | - | 2,663 | - | - |
| Asia Total | 403,818 | 246,462 | 187,219 | 650,280 | 595,198 | 9.3 |
| China (Mainland)..... | 525 | 815 | 303 | 1,340 | 452 | 196.5 |
| Indonesia..... | 403,293 | 245,647 | 186,916 | 648,940 | 582,622 | 11.4 |
| Vietnam..... | - | - | - | - | 12,124 | - |
| Oceania & Australia Total | - | 31,523 | 30,307 | 31,523 | 125,463 | -74.9 |
| Australia..... | - | 31,523 | 30,307 | 31,523 | 84,458 | -62.7 |
| New Zealand..... | - | - | - | - | 41,005 | - |
| Total | 2,192,506 | 1,838,994 | 1,707,583 | 4,031,500 | 3,038,973 | 32.7 |

Notes: 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 145."

Table 17. Average Price of U.S. Coal Imports
(Dollars per Short Ton)

| Continent and Country of Origin | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|--|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | \$33.83 | \$33.66 | \$39.87 | \$33.78 | \$35.31 | -4.3 |
| Canada..... | 33.83 | 33.66 | 39.87 | 33.78 | 35.31 | -4.3 |
| South America Total | 30.01 | 32.66 | 32.79 | 31.31 | 32.47 | -3.6 |
| Colombia..... | 30.42 | 33.01 | 32.64 | 31.55 | 32.40 | -2.6 |
| Venezuela..... | 29.48 | 32.36 | 33.23 | 31.05 | 32.69 | -5.0 |
| Europe Total | - | 42.03 | - | 42.03 | - | - |
| United Kingdom..... | - | 42.03 | - | 42.03 | - | - |
| Asia Total | 32.87 | 38.77 | 36.48 | 35.10 | 33.32 | 5.4 |
| Indonesia..... | 32.87 | 38.77 | 36.48 | 35.10 | 33.32 | 5.4 |
| Oceania & Australia Total | - | 31.35 | 34.95 | 31.35 | 34.21 | -8.4 |
| Australia..... | - | 31.35 | 34.95 | 31.35 | 34.21 | -8.4 |
| Total ¹ | 31.04 | 33.54 | 34.48 | 32.18 | 33.13 | -2.9 |
| U.S. Total ² | 31.43 | 33.98 | 35.26 | 32.59 | 34.64 | -5.9 |

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.

Notes: 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 18. Coal Imports by Customs District
(Short Tons)

| Customs District | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|-----------------------------|-------------------------|----------------------------|-------------------------|------------------|------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Eastern Total | 449,097 | 724,193 | 600,535 | 1,173,290 | 984,731 | 19.1 |
| Boston, MA..... | 228,234 | 465,919 | 397,303 | 694,153 | 624,182 | 11.2 |
| Portland, ME..... | 116,021 | 34,681 | 69,258 | 150,702 | 155,968 | -3.4 |
| Buffalo, NY..... | - | 1,847 | 1,241 | 1,847 | 2,479 | -25.5 |
| New York City, NY..... | 104,842 | 157,392 | 105,507 | 262,234 | 174,876 | 50.0 |
| Philadelphia, PA..... | - | 64,354 | 27,226 | 64,354 | 27,226 | 136.4 |
| Southern Total | 1,258,316 | 779,193 | 633,349 | 2,037,509 | 1,162,243 | 75.3 |
| Mobile, AL..... | 356,851 | 97,266 | 34,975 | 454,117 | 98,865 | 359.3 |
| Savannah, GA..... | 63,824 | 76,061 | 43,120 | 139,885 | 68,920 | 103.0 |
| Miami, FL..... | 45,093 | 45,288 | 13 | 90,381 | 13 | (¹) |
| Tampa, FL..... | 340,463 | 343,005 | 425,655 | 683,468 | 564,554 | 21.1 |
| New Orleans, LA..... | 223,471 | 153,601 | 68,242 | 377,072 | 328,056 | 14.9 |
| San Juan, PR..... | 54,186 | 57,904 | 61,344 | 112,090 | 89,358 | 25.4 |
| Houston-Galveston, TX..... | 117,290 | 6,068 | - | 123,358 | 12,124 | (¹) |
| Laredo, TX..... | 694 | - | - | 694 | 353 | 96.6 |
| Virgin Islands..... | 56,444 | - | - | 56,444 | - | - |
| Western Total | 212,168 | 230,465 | 171,839 | 442,633 | 437,052 | 1.3 |
| Los Angeles, CA..... | - | - | - | - | 149 | - |
| Honolulu, HI..... | 179,822 | 203,334 | 148,982 | 383,156 | 380,030 | .8 |
| Great Falls, MT..... | - | - | 281 | - | 281 | - |
| Portland, OR..... | 6,992 | - | 6,852 | 6,992 | 13,441 | -48.0 |
| Seattle, WA..... | 25,354 | 27,131 | 15,724 | 52,485 | 43,151 | 21.6 |
| Northern Total | 272,925 | 105,143 | 301,860 | 378,068 | 454,947 | -16.9 |
| Chicago, IL..... | 33,746 | - | 92,757 | 33,746 | 92,757 | -63.6 |
| Detroit, MI..... | 63,314 | 34,814 | 125,882 | 98,128 | 131,353 | -25.3 |
| Duluth, MN..... | - | - | - | - | 416 | - |
| Pembina, ND..... | 175,340 | 69,514 | 82,918 | 244,854 | 230,118 | 6.4 |
| Milwaukee, WI..... | 525 | 815 | 303 | 1,340 | 303 | 342.2 |
| Total | 2,192,506 | 1,838,994 | 1,707,583 | 4,031,500 | 3,038,973 | 32.7 |

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 19. U.S. Coke Imports
(Short Tons)

| Continent and Country of Origin | April - June 1998 | January - March 1998 | April - June 1997 | Year to date | | |
|------------------------------------|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| North America Total | 7,414 | 4,127 | 9,306 | 11,541 | 14,986 | -23.0 |
| Canada..... | 7,414 | 4,127 | 9,306 | 11,541 | 14,986 | -23.0 |
| Asia Total | 364,844 | 380,413 | 401,746 | 745,257 | 666,665 | 11.8 |
| China (Mainland)..... | 140,332 | 198,908 | 142,013 | 339,240 | 188,698 | 79.8 |
| Japan..... | 224,512 | 181,505 | 259,733 | 406,017 | 477,967 | -15.1 |
| Total | 372,258 | 384,540 | 411,052 | 756,798 | 681,651 | 11.0 |

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 20. U.S. Coal Receipts by End-Use Sector, 1992-1998
(Thousand Short Tons)

| Year and Quarter | Electric Utilities | Coke Plants | Other Industrial | Residential and Commercial | Total |
|-----------------------------------|--------------------|---------------|------------------|----------------------------|----------------|
| 1992 January - March | 190,139 | 8,410 | 17,902 | 1,843 | 218,294 |
| April - June | 187,772 | 7,915 | 17,873 | 1,149 | 214,708 |
| July - September | 201,143 | 7,592 | 18,503 | 1,236 | 228,473 |
| October - December..... | 196,909 | 8,110 | 19,625 | 1,925 | 226,569 |
| Total | 775,963 | 32,027 | 73,903 | 6,153 | 888,046 |
| 1993 January - March | 188,401 | 7,951 | 18,095 | 1,817 | 216,264 |
| April - June | 190,085 | 8,067 | 18,062 | 1,354 | 217,568 |
| July - September | 191,054 | 7,426 | 18,075 | 1,094 | 217,649 |
| October - December..... | 199,612 | 7,661 | 20,127 | 1,956 | 229,356 |
| Total | 769,152 | 31,104 | 74,359 | 6,221 | 880,836 |
| 1994 January - March | 199,981 | 7,318 | 17,990 | 2,016 | 227,305 |
| April - June | 208,576 | 8,438 | 18,408 | 1,187 | 236,610 |
| July - September | 212,849 | 7,881 | 18,777 | 1,135 | 240,642 |
| October - December..... | 210,523 | 8,081 | 19,717 | 1,674 | 239,996 |
| Total | 831,929 | 31,719 | 74,893 | 6,013 | 944,553 |
| 1995 January - March | 205,054 | 8,261 | 17,871 | 1,638 | 232,824 |
| April - June | 199,275 | 8,192 | 17,144 | 1,032 | 225,643 |
| July - September | 211,914 | 8,135 | 18,369 | 1,063 | 239,481 |
| October - December..... | 210,617 | 8,449 | 18,510 | 2,074 | 239,649 |
| Total | 826,860 | 33,036 | 71,895 | 5,807 | 937,597 |
| 1996 January - March | 204,394 | 7,894 | 17,444 | 1,802 | 231,534 |
| April - June | 212,197 | 7,974 | 16,995 | 1,201 | 238,368 |
| July - September | 226,454 | 8,187 | 17,598 | 1,201 | 253,440 |
| October - December..... | 219,656 | 7,616 | 18,804 | 1,802 | 247,878 |
| Total | 862,701 | 31,672 | 70,842 | 6,006 | 971,220 |
| 1997 January - March | 213,527 | 7,330 | 17,352 | 1,939 | 240,148 |
| April - June | 215,223 | 7,080 | 17,280 | 1,293 | 240,875 |
| July - September | 225,508 | 7,694 | 17,410 | 1,293 | 251,904 |
| October - December..... | 226,329 | 7,447 | 18,570 | 1,939 | 254,285 |
| Total | 880,588 | 29,550 | 70,612 | 6,463 | 987,213 |
| 1998 January - March | 225,000 | 6,840 | 17,213 | 1,939 | 250,992 |
| April - June | 227,349 | 6,972 | 18,614 | 1,293 | 254,227 |
| Total | 452,348 | 13,812 | 35,827 | 3,232 | 505,220 |

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

Sources: Energy Information Administration • Electric Utilities: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report-Manufacturing Plants;" Form EIA-6, "Coal Distribution Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 21. Average Price of U.S. Coal Receipts by End-Use Sector, 1992-1998
(Dollars per Short Ton)

| Year and Quarter | Electric Utilities | Coke Plants | Other Industrial ¹ |
|-----------------------------------|--------------------|--------------|-------------------------------|
| 1992 January - March | \$29.48 | \$47.88 | \$33.56 |
| April - June..... | 29.76 | 48.22 | 31.93 |
| July - September..... | 29.01 | 48.06 | 32.36 |
| October - December..... | 29.21 | 47.51 | 33.25 |
| Average Annual Price | 29.36 | 47.92 | 32.78 |
| 1993 January - March | 28.64 | 48.50 | 32.86 |
| April - June..... | 28.95 | 47.41 | 32.08 |
| July - September..... | 28.31 | 47.07 | 31.65 |
| October - December..... | 28.44 | 46.74 | 32.31 |
| Average Annual Price | 28.58 | 47.44 | 32.23 |
| 1994 January - March | 28.04 | 47.04 | 32.79 |
| April - June..... | 28.71 | 46.66 | 32.47 |
| July - September..... | 28.00 | 46.15 | 32.26 |
| October - December..... | 27.35 | 46.41 | 32.66 |
| Average Annual Price | 28.03 | 46.56 | 32.55 |
| 1995 January - March | 27.35 | 47.19 | 32.51 |
| April - June..... | 27.46 | 47.57 | 32.52 |
| July - September..... | 26.79 | 47.02 | 32.36 |
| October - December..... | 26.47 | 47.56 | 32.32 |
| Average Annual Price | 27.01 | 47.34 | 32.42 |
| 1996 January - March | 26.54 | 47.45 | 32.51 |
| April - June..... | 26.89 | 48.39 | 32.39 |
| July - September..... | 26.10 | 46.02 | 32.12 |
| October - December..... | 26.31 | 47.33 | 32.28 |
| Average Annual Price | 26.45 | 47.33 | 32.32 |
| 1997 January - March | 26.54 | 48.16 | 32.60 |
| April - June..... | 26.49 | 48.24 | 32.29 |
| July - September..... | 25.72 | 46.71 | 32.33 |
| October - December..... | 25.92 | 47.40 | 32.40 |
| Average Annual Price | 26.16 | 47.61 | 32.41 |
| 1998 January - March | 25.85 | 45.65 | 32.77 |
| April - June..... | 25.90 | 46.05 | 31.88 |

¹ Manufacturing plants only.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the cost, including insurance and freight (c.i.f. cost). Price data for the Residential and Commercial sector are not available. See Technical Note 1 in Appendix C.

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

Table 22. Coal Receipts by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | 1,762 | 2,027 | 1,969 | 3,789 | 3,725 | 1.7 |
| Connecticut..... | 175 | 280 | 332 | 456 | 552 | -17.4 |
| Maine..... | 27 | 38 | 58 | 65 | 102 | -36.0 |
| Massachusetts..... | 1,205 | 1,309 | 1,206 | 2,514 | 2,271 | 10.7 |
| New Hampshire..... | 327 | 371 | 372 | 698 | 798 | -12.5 |
| Rhode Island..... | 1 | 1 | 1 | 1 | 1 | .0 |
| Vermont..... | 27 | 28 | 1 | 55 | 1 | NM |
| Middle Atlantic Total | 17,464 | 17,905 | 17,474 | 35,369 | 35,868 | -1.4 |
| New Jersey..... | 553 | 415 | 557 | 969 | 1,129 | -14.2 |
| New York..... | 3,086 | 2,667 | 2,438 | 5,753 | 5,096 | 12.9 |
| Pennsylvania..... | 13,825 | 14,823 | 14,479 | 28,648 | 29,644 | -3.4 |
| East North Central Total | 59,644 | 55,577 | 58,754 | 115,221 | 112,164 | 2.7 |
| Illinois..... | 11,187 | 11,668 | 11,925 | 22,855 | 24,240 | -5.7 |
| Indiana..... | 16,482 | 16,883 | 16,209 | 33,365 | 31,341 | 6.5 |
| Michigan..... | 10,730 | 6,426 | 9,329 | 17,156 | 15,101 | 13.6 |
| Ohio..... | 14,570 | 14,980 | 14,312 | 29,549 | 28,989 | 1.9 |
| Wisconsin..... | 6,676 | 5,621 | 6,979 | 12,296 | 12,493 | -1.6 |
| West North Central Total | 35,417 | 36,611 | 30,699 | 72,028 | 64,769 | 11.2 |
| Iowa..... | 6,374 | 5,328 | 4,923 | 11,702 | 9,932 | 17.8 |
| Kansas..... | 4,680 | 4,779 | 3,515 | 9,459 | 8,034 | 17.7 |
| Minnesota..... | 4,287 | 5,073 | 3,747 | 9,359 | 9,012 | 3.9 |
| Missouri..... | 9,849 | 9,832 | 8,355 | 19,681 | 16,671 | 18.1 |
| Nebraska..... | 2,985 | 3,049 | 2,635 | 6,034 | 5,538 | 9.0 |
| North Dakota..... | 6,653 | 7,990 | 6,905 | 14,643 | 14,423 | 1.5 |
| South Dakota..... | 589 | 560 | 621 | 1,149 | 1,158 | -8 |
| South Atlantic Total | 42,951 | 42,900 | 40,337 | 85,851 | 81,239 | 5.7 |
| Delaware..... | 378 | 422 | 500 | 801 | 955 | -16.2 |
| District of Columbia..... | 8 | 12 | 8 | 20 | 20 | .0 |
| Florida..... | 7,455 | 7,073 | 7,383 | 14,528 | 14,215 | 2.2 |
| Georgia..... | 7,881 | 7,970 | 7,581 | 15,851 | 14,679 | 8.0 |
| Maryland..... | 2,885 | 2,997 | 2,597 | 5,882 | 5,313 | 10.7 |
| North Carolina..... | 7,135 | 7,549 | 6,959 | 14,685 | 14,384 | 2.1 |
| South Carolina..... | 3,846 | 3,620 | 3,339 | 7,466 | 6,753 | 10.6 |
| Virginia..... | 3,870 | 3,913 | 3,513 | 7,783 | 7,604 | 2.4 |
| West Virginia..... | 9,494 | 9,343 | 8,456 | 18,837 | 17,315 | 8.8 |
| East South Central Total | 27,554 | 28,834 | 29,460 | 56,388 | 57,243 | -1.5 |
| Alabama..... | 8,531 | 8,793 | 9,237 | 17,324 | 18,440 | -6.1 |
| Kentucky..... | 10,336 | 10,576 | 11,177 | 20,912 | 21,280 | -1.7 |
| Mississippi..... | 1,655 | 1,504 | 1,544 | 3,159 | 2,996 | 5.5 |
| Tennessee..... | 7,031 | 7,962 | 7,501 | 14,993 | 14,527 | 3.2 |
| West South Central Total | 37,125 | 35,050 | 34,572 | 72,175 | 69,539 | 3.8 |
| Arkansas..... | 3,603 | 3,119 | 2,900 | 6,722 | 6,033 | 11.4 |
| Louisiana..... | 3,191 | 3,287 | 3,440 | 6,478 | 6,552 | -1.1 |
| Oklahoma..... | 5,361 | 5,341 | 4,897 | 10,702 | 9,847 | 8.7 |
| Texas..... | 24,970 | 23,303 | 23,336 | 48,272 | 47,106 | 2.5 |
| Mountain Total | 28,007 | 29,304 | 25,928 | 57,311 | 52,961 | 8.2 |
| Arizona..... | 4,827 | 4,645 | 4,312 | 9,472 | 8,019 | 18.1 |
| Colorado..... | 4,591 | 4,622 | 4,456 | 9,213 | 8,559 | 7.6 |
| Idaho..... | 73 | 117 | 69 | 190 | 200 | -4.7 |
| Montana..... | 2,317 | 2,682 | 1,693 | 5,000 | 4,006 | 24.8 |
| Nevada..... | 1,472 | 2,226 | 1,535 | 3,699 | 3,353 | 10.3 |
| New Mexico..... | 3,692 | 3,636 | 3,918 | 7,328 | 7,970 | -8.1 |
| Utah..... | 4,365 | 4,292 | 4,316 | 8,657 | 8,706 | -6 |
| Wyoming..... | 6,668 | 7,084 | 5,630 | 13,752 | 12,148 | 13.2 |
| Pacific Total | 4,303 | 2,784 | 1,683 | 7,087 | 3,515 | 101.6 |
| Alaska..... | 101 | 151 | 101 | 252 | 253 | -2 |
| California..... | 699 | 724 | 543 | 1,423 | 1,050 | 35.5 |
| Hawaii..... | 5 | 70 | 30 | 76 | 84 | -10.3 |
| Oregon..... | 1,779 | 692 | 2 | 2,471 | 152 | NM |
| Washington..... | 1,719 | 1,146 | 1,006 | 2,865 | 1,976 | 45.0 |
| U.S. Total | 254,227 | 250,992 | 240,875 | 505,220 | 481,023 | 5.0 |

NM Percent change calculation not meaningful as value is greater than 500.

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

Sources: Energy Information Administration, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Form EIA-3, "Quarterly Coal Consumption-Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and Form EIA-6, "Coal Distribution Report."

Table 23. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State

| Census Division and State | April-June 1998 | | April-June 1997 | | Year to Date | | | | | |
|---------------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|----------------|--------------|
| | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | 1998 | | 1997 | | Percent Change | |
| | | | | | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity | Price |
| New England | 1,640 | 166 | 1,894 | 170 | 3,580 | 168 | 3,586 | 172 | -0.2 | -2.4 |
| Connecticut..... | 174 | 177 | 331 | 192 | 452 | 181 | 548 | 192 | -17.5 | -5.8 |
| Massachusetts..... | 1,190 | 166 | 1,193 | 167 | 2,482 | 168 | 2,243 | 171 | 10.7 | -2.2 |
| New Hampshire..... | 276 | 160 | 370 | 160 | 645 | 161 | 795 | 161 | -18.9 | .1 |
| Mid Atlantic | 13,600 | 138 | 13,026 | 137 | 27,096 | 138 | 26,645 | 139 | 1.7 | -4 |
| New Jersey..... | 549 | 157 | 553 | 177 | 960 | 161 | 1,121 | 176 | -14.4 | -8.8 |
| New York..... | 2,315 | 142 | 1,691 | 143 | 4,300 | 144 | 3,643 | 141 | 18.0 | 2.0 |
| Pennsylvania..... | 10,736 | 136 | 10,782 | 133 | 21,836 | 136 | 21,881 | 137 | -2 | -3 |
| East North Central | 52,603 | 131 | 51,653 | 131 | 101,533 | 131 | 98,192 | 133 | 3.4 | -1.7 |
| Illinois..... | 9,482 | 165 | 10,352 | 156 | 19,467 | 160 | 21,043 | 164 | -7.5 | -2.4 |
| Indiana..... | 13,825 | 112 | 13,429 | 115 | 28,128 | 113 | 25,817 | 116 | 9.0 | -3.1 |
| Michigan..... | 9,874 | 132 | 8,502 | 140 | 15,875 | 132 | 13,846 | 137 | 14.6 | -4.4 |
| Ohio..... | 13,152 | 137 | 12,872 | 132 | 26,575 | 137 | 25,886 | 132 | 2.7 | 3.4 |
| Wisconsin..... | 6,271 | 110 | 6,498 | 111 | 11,488 | 107 | 11,600 | 109 | -1.0 | -1.6 |
| West North Central | 31,929 | 91 | 27,366 | 93 | 65,223 | 90 | 58,019 | 92 | 12.4 | -2.3 |
| Iowa..... | 5,434 | 92 | 4,092 | 94 | 10,070 | 90 | 8,378 | 92 | 20.2 | -2.7 |
| Kansas..... | 4,652 | 99 | 3,481 | 111 | 9,398 | 99 | 7,963 | 106 | 18.0 | -7.1 |
| Minnesota..... | 3,869 | 110 | 3,402 | 113 | 8,567 | 111 | 8,275 | 112 | 3.5 | -1.2 |
| Missouri..... | 9,510 | 92 | 8,005 | 94 | 18,968 | 92 | 15,910 | 94 | 19.2 | -2.4 |
| Nebraska..... | 2,906 | 59 | 2,545 | 61 | 5,858 | 59 | 5,349 | 60 | 9.5 | -1.6 |
| North Dakota..... | 5,082 | 80 | 5,327 | 75 | 11,423 | 77 | 11,199 | 76 | 2.0 | 1.5 |
| South Dakota..... | 477 | 92 | 513 | 93 | 939 | 93 | 945 | 93 | -6 | -4 |
| South Atlantic | 39,180 | 145 | 36,693 | 148 | 78,110 | 145 | 73,506 | 148 | 6.3 | -2.1 |
| Delaware..... | 328 | 160 | 458 | 157 | 730 | 157 | 868 | 161 | -15.9 | -2.2 |
| Florida..... | 7,098 | 164 | 7,041 | 173 | 13,839 | 167 | 13,537 | 175 | 2.2 | -4.9 |
| Georgia..... | 7,402 | 154 | 7,104 | 159 | 14,804 | 155 | 13,657 | 159 | 8.4 | -2.4 |
| Maryland..... | 2,699 | 146 | 2,390 | 151 | 5,490 | 146 | 4,896 | 152 | 12.1 | -4.1 |
| North Carolina..... | 6,601 | 145 | 6,400 | 142 | 13,529 | 144 | 13,119 | 143 | 3.1 | .7 |
| South Carolina..... | 3,346 | 144 | 2,858 | 144 | 6,484 | 145 | 5,734 | 145 | 13.1 | -4 |
| Virginia..... | 3,043 | 138 | 2,598 | 139 | 6,010 | 138 | 5,700 | 139 | 5.4 | -5 |
| West Virginia..... | 8,662 | 122 | 7,845 | 124 | 17,224 | 122 | 15,994 | 124 | 7.7 | -1.2 |
| East South Central | 24,436 | 125 | 26,074 | 123 | 49,889 | 125 | 50,352 | 124 | -9 | .5 |
| Alabama..... | 7,254 | 157 | 7,800 | 152 | 14,678 | 156 | 15,535 | 153 | -5.5 | 2.2 |
| Kentucky..... | 9,477 | 105 | 10,208 | 104 | 19,105 | 105 | 19,308 | 104 | -1.1 | 1.0 |
| Mississippi..... | 1,616 | 152 | 1,491 | 156 | 3,058 | 153 | 2,893 | 154 | 5.7 | -6 |
| Tennessee..... | 6,088 | 112 | 6,575 | 113 | 13,048 | 113 | 12,616 | 113 | 3.4 | -6 |
| West South Central | 35,544 | 125 | 33,153 | 130 | 69,030 | 127 | 66,585 | 129 | 3.7 | -1.4 |
| Arkansas..... | 3,530 | 150 | 2,824 | 171 | 6,580 | 149 | 5,865 | 169 | 12.2 | -11.4 |
| Louisiana..... | 3,184 | 142 | 3,428 | 149 | 6,451 | 142 | 6,506 | 150 | -8 | -5.3 |
| Oklahoma..... | 5,110 | 92 | 4,674 | 93 | 10,144 | 92 | 9,366 | 93 | 8.3 | -5 |
| Texas..... | 23,719 | 127 | 22,227 | 130 | 45,855 | 129 | 44,847 | 128 | 2.2 | 1.3 |
| Mountain | 26,411 | 110 | 24,406 | 114 | 54,095 | 108 | 49,856 | 113 | 8.5 | -4.1 |
| Arizona..... | 4,632 | 135 | 4,160 | 146 | 9,104 | 134 | 7,680 | 147 | 18.5 | -8.9 |
| Colorado..... | 4,420 | 101 | 4,248 | 105 | 8,843 | 100 | 8,140 | 104 | 8.6 | -3.8 |
| Montana..... | 2,291 | 76 | 1,655 | 69 | 4,921 | 71 | 3,894 | 69 | 26.4 | 4.1 |
| Nevada..... | 1,421 | 153 | 1,497 | 152 | 3,594 | 140 | 3,268 | 142 | 10.0 | -1.8 |
| New Mexico..... | 3,671 | 136 | 3,896 | 133 | 7,290 | 133 | 7,927 | 135 | -8.0 | -1.2 |
| Utah..... | 3,791 | 118 | 3,826 | 109 | 7,638 | 115 | 7,837 | 112 | -2.5 | 2.9 |
| Wyoming..... | 6,186 | 71 | 5,124 | 80 | 12,705 | 75 | 11,111 | 81 | 14.3 | -7.3 |
| Pacific | 2,005 | 137 | 958 | 191 | 3,792 | 140 | 2,009 | 187 | 88.7 | -25.4 |
| Oregon..... | 304 | 110 | - | - | 965 | 109 | 135 | 114 | NM | -4.4 |
| Washington..... | 1,701 | 142 | 958 | 191 | 2,827 | 151 | 1,874 | 193 | 50.8 | -21.9 |
| U.S. Total | 227,349 | 126 | 215,223 | 129 | 452,348 | 126 | 428,751 | 129 | 5.5 | -2.0 |

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 24. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State

| Census Division and State | April-June 1998 | | April-June 1997 | | Year to Date | | | | | |
|---------------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|----------------|--------------|
| | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | 1998 | | 1997 | | Percent Change | |
| | | | | | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity | Price |
| New England | 1,298 | 166 | 1,643 | 171 | 2,980 | 169 | 3,005 | 173 | -0.8 | -2.2 |
| Connecticut..... | 110 | 184 | 312 | 193 | 358 | 185 | 515 | 193 | -30.5 | -4.0 |
| Massachusetts..... | 1,001 | 165 | 1,112 | 167 | 2,174 | 167 | 2,019 | 170 | 7.7 | -1.9 |
| New Hampshire..... | 187 | 165 | 219 | 160 | 448 | 164 | 471 | 160 | -4.9 | 2.4 |
| Mid Atlantic | 11,352 | 141 | 9,958 | 140 | 22,642 | 141 | 20,639 | 142 | 9.7 | -7 |
| New Jersey..... | 459 | 160 | 506 | 178 | 727 | 164 | 1,067 | 177 | -31.8 | -7.0 |
| New York..... | 1,864 | 142 | 1,397 | 138 | 3,742 | 144 | 3,185 | 138 | 17.5 | 4.1 |
| Pennsylvania..... | 9,029 | 139 | 8,054 | 138 | 18,172 | 140 | 16,386 | 141 | 10.9 | -7 |
| East North Central | 40,673 | 137 | 40,037 | 137 | 77,425 | 136 | 75,190 | 140 | 3.0 | -2.5 |
| Illinois..... | 8,729 | 169 | 8,623 | 163 | 17,068 | 166 | 17,641 | 173 | -3.2 | -4.1 |
| Indiana..... | 9,770 | 116 | 9,726 | 122 | 20,038 | 117 | 18,517 | 124 | 8.2 | -5.5 |
| Michigan..... | 7,834 | 133 | 7,451 | 141 | 12,160 | 132 | 11,467 | 138 | 6.0 | -4.1 |
| Ohio..... | 9,777 | 145 | 8,871 | 144 | 19,363 | 147 | 18,032 | 143 | 7.4 | 2.5 |
| Wisconsin..... | 4,563 | 104 | 5,366 | 106 | 8,795 | 102 | 9,534 | 104 | -7.7 | -2.4 |
| West North Central | 26,215 | 91 | 24,726 | 93 | 54,160 | 90 | 52,220 | 93 | 3.7 | -3.5 |
| Iowa..... | 4,331 | 95 | 3,346 | 95 | 7,692 | 91 | 6,834 | 93 | 12.6 | -2.1 |
| Kansas..... | 4,628 | 99 | 3,475 | 111 | 9,319 | 99 | 7,899 | 106 | 18.0 | -7.1 |
| Minnesota..... | 3,714 | 110 | 3,204 | 112 | 8,332 | 110 | 8,007 | 112 | 4.1 | -1.5 |
| Missouri..... | 5,857 | 90 | 6,954 | 95 | 11,747 | 89 | 13,523 | 94 | -13.1 | -5.7 |
| Nebraska..... | 2,125 | 55 | 1,919 | 57 | 4,707 | 56 | 4,022 | 57 | 17.0 | -2.2 |
| North Dakota..... | 5,082 | 80 | 5,315 | 75 | 11,423 | 77 | 10,991 | 76 | 3.9 | 1.6 |
| South Dakota..... | 477 | 92 | 513 | 93 | 939 | 93 | 945 | 93 | -6 | -4 |
| South Atlantic | 28,055 | 146 | 26,972 | 148 | 55,616 | 147 | 53,875 | 149 | 3.2 | -1.5 |
| Delaware..... | 316 | 160 | 379 | 160 | 715 | 157 | 679 | 163 | 5.2 | -3.5 |
| Florida..... | 4,734 | 170 | 4,501 | 181 | 9,165 | 174 | 8,737 | 182 | 4.9 | -4.8 |
| Georgia..... | 3,682 | 158 | 3,717 | 167 | 7,295 | 160 | 7,598 | 166 | -4.0 | -3.5 |
| Maryland..... | 1,998 | 145 | 1,991 | 148 | 3,872 | 146 | 3,747 | 149 | 3.3 | -1.7 |
| North Carolina..... | 5,248 | 149 | 4,834 | 146 | 10,083 | 148 | 9,661 | 146 | 4.4 | 1.4 |
| South Carolina..... | 2,636 | 144 | 2,092 | 144 | 5,247 | 144 | 4,297 | 146 | 22.1 | -1.0 |
| Virginia..... | 1,927 | 139 | 2,012 | 139 | 4,173 | 139 | 4,336 | 139 | -3.7 | .5 |
| West Virginia..... | 7,512 | 125 | 7,447 | 125 | 15,065 | 125 | 14,820 | 125 | 1.7 | -5 |
| East South Central | 18,824 | 129 | 19,557 | 127 | 37,091 | 129 | 38,214 | 128 | -2.9 | 1.1 |
| Alabama..... | 6,302 | 162 | 6,522 | 158 | 12,493 | 161 | 12,899 | 158 | -3.1 | 1.7 |
| Kentucky..... | 6,107 | 105 | 7,017 | 103 | 12,094 | 105 | 13,789 | 104 | -12.3 | 1.6 |
| Mississippi..... | 1,319 | 155 | 1,302 | 158 | 2,641 | 156 | 2,553 | 156 | 3.4 | -1 |
| Tennessee..... | 5,096 | 111 | 4,716 | 113 | 9,863 | 111 | 8,972 | 112 | 9.9 | -9 |
| West South Central | 33,411 | 125 | 31,551 | 131 | 64,819 | 127 | 63,384 | 129 | 2.3 | -1.4 |
| Arkansas..... | 3,316 | 152 | 2,662 | 174 | 5,893 | 155 | 5,467 | 172 | 7.8 | -10.0 |
| Louisiana..... | 3,184 | 142 | 3,428 | 149 | 6,451 | 142 | 6,506 | 150 | -8 | -5.3 |
| Oklahoma..... | 4,968 | 92 | 4,662 | 93 | 10,003 | 92 | 9,354 | 93 | 6.9 | -5 |
| Texas..... | 21,942 | 127 | 20,799 | 130 | 42,473 | 130 | 42,056 | 128 | 1.0 | 1.3 |
| Mountain | 24,957 | 111 | 22,953 | 114 | 50,858 | 109 | 46,712 | 114 | 8.9 | -3.8 |
| Arizona..... | 3,949 | 140 | 3,546 | 150 | 7,821 | 138 | 6,490 | 152 | 20.5 | -8.9 |
| Colorado..... | 4,130 | 103 | 3,955 | 106 | 8,245 | 102 | 7,380 | 106 | 11.7 | -3.9 |
| Montana..... | 2,291 | 76 | 1,655 | 69 | 4,921 | 71 | 3,894 | 69 | 26.4 | 4.1 |
| Nevada..... | 1,421 | 153 | 1,410 | 154 | 3,318 | 141 | 3,089 | 143 | 7.4 | -1.4 |
| New Mexico..... | 3,671 | 136 | 3,896 | 133 | 7,290 | 133 | 7,927 | 135 | -8.0 | -1.2 |
| Utah..... | 3,706 | 118 | 3,473 | 111 | 7,497 | 116 | 7,283 | 114 | 2.9 | 1.7 |
| Wyoming..... | 5,790 | 71 | 5,018 | 79 | 11,767 | 76 | 10,650 | 81 | 10.5 | -6.1 |
| Pacific | 1,190 | 153 | 958 | 191 | 2,079 | 164 | 1,870 | 193 | 11.2 | -15.3 |
| Washington..... | 1,190 | 153 | 958 | 191 | 2,079 | 164 | 1,870 | 193 | 11.2 | -15.3 |
| U.S. Total | 185,975 | 128 | 178,355 | 130 | 367,670 | 128 | 355,110 | 130 | 3.5 | -1.9 |

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 25. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State

| Census Division and State | April-June 1998 | | April-June 1997 | | Year to Date | | | | | |
|---------------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|----------------|--------------|
| | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | 1998 | | 1997 | | Percent Change | |
| | | | | | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity | Price |
| New England | 342 | 165 | 251 | 166 | 600 | 165 | 581 | 170 | 3.2 | -3.0 |
| Connecticut | 64 | 164 | 19 | 179 | 94 | 166 | 33 | 182 | 184.8 | -8.5 |
| Massachusetts..... | 190 | 173 | 81 | 170 | 309 | 173 | 224 | 183 | 37.8 | -5.1 |
| New Hampshire..... | 89 | 148 | 151 | 161 | 197 | 153 | 324 | 161 | -39.2 | -5.0 |
| Mid Atlantic | 2,248 | 123 | 3,069 | 124 | 4,454 | 123 | 6,006 | 127 | -25.8 | -2.9 |
| New Jersey..... | 89 | 136 | 47 | 166 | 233 | 148 | 54 | 166 | 331.6 | -10.7 |
| New York..... | 451 | 143 | 294 | 164 | 558 | 147 | 458 | 164 | 21.9 | -10.0 |
| Pennsylvania..... | 1,707 | 117 | 2,728 | 119 | 3,664 | 118 | 5,494 | 123 | -33.3 | -4.3 |
| East North Central | 11,930 | 114 | 11,616 | 111 | 24,108 | 113 | 23,002 | 112 | 4.8 | 1.0 |
| Illinois..... | 753 | 116 | 1,729 | 124 | 2,399 | 122 | 3,402 | 125 | -29.5 | -2.4 |
| Indiana..... | 4,055 | 102 | 3,703 | 97 | 8,089 | 103 | 7,300 | 99 | 10.8 | 4.1 |
| Michigan..... | 2,040 | 129 | 1,052 | 135 | 3,715 | 129 | 2,380 | 135 | 56.1 | -4.6 |
| Ohio..... | 3,375 | 113 | 4,001 | 106 | 7,212 | 110 | 7,853 | 107 | -8.2 | 2.3 |
| Wisconsin..... | 1,708 | 122 | 1,132 | 131 | 2,693 | 122 | 2,066 | 127 | 30.3 | -3.7 |
| West North Central | 5,714 | 90 | 2,639 | 89 | 11,063 | 92 | 5,799 | 86 | 90.8 | 6.6 |
| Iowa..... | 1,103 | 81 | 746 | 93 | 2,378 | 87 | 1,544 | 90 | 54.0 | -3.9 |
| Kansas..... | 24 | 64 | 6 | 119 | 79 | 64 | 64 | 73 | 23.3 | -11.9 |
| Minnesota..... | 154 | 125 | 198 | 114 | 235 | 125 | 268 | 117 | -12.4 | 6.9 |
| Missouri..... | 3,652 | 95 | 1,051 | 91 | 7,220 | 96 | 2,387 | 92 | 202.5 | 4.7 |
| Nebraska..... | 781 | 70 | 626 | 71 | 1,151 | 69 | 1,328 | 66 | -13.3 | 4.5 |
| North Dakota..... | - | - | 12 | 82 | - | - | 208 | 80 | - | - |
| South Atlantic | 11,125 | 141 | 9,720 | 145 | 22,494 | 142 | 19,631 | 147 | 14.6 | -3.4 |
| Delaware..... | 12 | 165 | 79 | 147 | 16 | 162 | 189 | 153 | -91.8 | 6.1 |
| Florida..... | 2,364 | 151 | 2,540 | 157 | 4,674 | 153 | 4,800 | 162 | -2.6 | -5.5 |
| Georgia..... | 3,719 | 149 | 3,387 | 149 | 7,509 | 149 | 6,059 | 148 | 23.9 | .9 |
| Maryland..... | 701 | 146 | 399 | 165 | 1,618 | 146 | 1,149 | 164 | 40.8 | -11.0 |
| North Carolina..... | 1,352 | 130 | 1,567 | 129 | 3,445 | 133 | 3,458 | 135 | -4 | -1.9 |
| South Carolina..... | 711 | 145 | 765 | 142 | 1,238 | 146 | 1,437 | 143 | -13.9 | 1.8 |
| Virginia..... | 1,116 | 135 | 586 | 139 | 1,837 | 136 | 1,364 | 140 | 34.7 | -3.1 |
| West Virginia..... | 1,150 | 107 | 398 | 107 | 2,159 | 107 | 1,174 | 107 | 83.8 | * |
| East South Central | 5,612 | 113 | 6,517 | 112 | 12,798 | 113 | 12,138 | 114 | 5.4 | -.5 |
| Alabama..... | 952 | 127 | 1,278 | 125 | 2,185 | 128 | 2,636 | 125 | -17.1 | 2.6 |
| Kentucky..... | 3,370 | 105 | 3,190 | 104 | 7,011 | 105 | 5,519 | 105 | 27.0 | -.2 |
| Mississippi..... | 297 | 136 | 190 | 144 | 417 | 137 | 340 | 142 | 22.7 | -3.3 |
| Tennessee..... | 992 | 118 | 1,859 | 113 | 3,185 | 117 | 3,644 | 116 | -12.6 | .9 |
| West South Central | 2,134 | 123 | 1,602 | 125 | 4,211 | 122 | 3,200 | 124 | 31.6 | -1.8 |
| Arkansas..... | 214 | 118 | 162 | 128 | 687 | 100 | 398 | 118 | 72.6 | -15.0 |
| Oklahoma..... | 142 | 92 | 12 | 84 | 142 | 92 | 12 | 84 | NM | 9.0 |
| Texas..... | 1,778 | 126 | 1,428 | 125 | 3,382 | 127 | 2,791 | 125 | 21.2 | 1.8 |
| Mountain | 1,454 | 87 | 1,453 | 105 | 3,237 | 90 | 3,145 | 101 | 2.9 | -10.8 |
| Arizona..... | 683 | 107 | 614 | 120 | 1,282 | 107 | 1,190 | 121 | 7.7 | -11.6 |
| Colorado..... | 290 | 72 | 294 | 90 | 598 | 76 | 760 | 86 | -21.3 | -11.2 |
| Nevada..... | - | - | 86 | 126 | 277 | 122 | 180 | 126 | 54.1 | -3.8 |
| Utah..... | 85 | 99 | 353 | 86 | 142 | 99 | 553 | 90 | -74.4 | 9.9 |
| Wyoming..... | 396 | 63 | 106 | 106 | 938 | 63 | 461 | 77 | 103.5 | -18.8 |
| Pacific | 815 | 117 | - | - | 1,713 | 115 | 139 | 116 | NM | -1.4 |
| Oregon..... | 304 | 110 | - | - | 965 | 109 | 135 | 114 | NM | -4.4 |
| Washington..... | 511 | 121 | - | - | 748 | 121 | 4 | 172 | NM | -29.6 |
| U.S. Total | 41,373 | 120 | 36,868 | 121 | 84,678 | 120 | 73,641 | 122 | 15.0 | -2.1 |

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 26. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State
(Dollars per Short Ton)

| Census Division and State | April-June 1998 | January-March 1998 | April-June 1997 | Year to Date | | |
|---------------------------------|-----------------|--------------------|-----------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| New England | \$42.31 | \$43.44 | \$43.56 | \$42.92 | \$44.01 | -2.5 |
| Connecticut | 46.72 | 48.28 | 50.58 | 47.68 | 50.47 | -5.5 |
| Massachusetts..... | 41.79 | 42.66 | 42.06 | 42.24 | 43.09 | -2.0 |
| New Hampshire | 41.80 | 42.55 | 42.12 | 42.23 | 42.17 | .1 |
| Mid Atlantic | 34.44 | 34.64 | 33.86 | 34.54 | 34.62 | -2 |
| New Jersey | 41.35 | 43.62 | 46.39 | 42.32 | 46.18 | -8.4 |
| New York..... | 37.19 | 38.30 | 37.56 | 37.70 | 36.96 | 2.0 |
| Pennsylvania | 33.50 | 33.66 | 32.63 | 33.58 | 33.64 | -2 |
| East North Central | 27.67 | 27.59 | 27.61 | 27.63 | 28.11 | -1.7 |
| Illinois | 31.99 | 30.35 | 30.58 | 31.15 | 32.29 | -3.5 |
| Indiana..... | 23.39 | 23.77 | 23.96 | 23.58 | 24.24 | -2.7 |
| Michigan | 27.56 | 28.61 | 29.17 | 27.96 | 29.22 | -4.3 |
| Ohio..... | 32.45 | 32.58 | 31.32 | 32.51 | 31.50 | 3.2 |
| Wisconsin..... | 20.71 | 18.82 | 21.05 | 19.85 | 20.24 | -1.9 |
| West North Central | 15.36 | 14.95 | 15.56 | 15.15 | 15.50 | -2.3 |
| Iowa..... | 15.91 | 15.03 | 16.34 | 15.50 | 15.94 | -2.7 |
| Kansas | 17.33 | 17.16 | 19.60 | 17.24 | 18.67 | -7.7 |
| Minnesota..... | 19.57 | 19.67 | 20.06 | 19.63 | 19.95 | -1.6 |
| Missouri..... | 16.51 | 16.36 | 16.90 | 16.44 | 16.92 | -2.8 |
| Nebraska..... | 10.10 | 10.06 | 10.41 | 10.08 | 10.25 | -1.7 |
| North Dakota..... | 10.57 | 9.81 | 9.85 | 10.15 | 10.08 | .7 |
| South Dakota..... | 16.10 | 16.25 | 15.94 | 16.17 | 16.10 | .4 |
| South Atlantic | 35.56 | 35.73 | 36.41 | 35.65 | 36.49 | -2.3 |
| Delaware | 41.10 | 40.05 | 41.25 | 40.52 | 41.90 | -3.3 |
| Florida | 39.90 | 41.15 | 41.84 | 40.51 | 42.48 | -4.6 |
| Georgia..... | 36.44 | 36.41 | 37.85 | 36.42 | 37.30 | -2.3 |
| Maryland | 37.64 | 37.61 | 38.84 | 37.62 | 39.34 | -4.4 |
| North Carolina | 35.84 | 35.41 | 35.00 | 35.62 | 35.45 | .5 |
| South Carolina | 36.97 | 37.06 | 36.98 | 37.01 | 37.33 | -9 |
| Virginia | 34.71 | 34.94 | 34.77 | 34.82 | 34.92 | -3 |
| West Virginia..... | 29.96 | 30.11 | 30.69 | 30.04 | 30.69 | -2.1 |
| East South Central | 28.85 | 28.69 | 28.63 | 28.77 | 28.87 | -3 |
| Alabama | 36.37 | 35.53 | 35.66 | 35.95 | 35.71 | .7 |
| Kentucky | 24.23 | 24.35 | 23.93 | 24.29 | 24.08 | .8 |
| Mississippi..... | 31.96 | 31.95 | 32.66 | 31.96 | 32.20 | -8 |
| Tennessee | 26.26 | 26.70 | 26.68 | 26.50 | 26.99 | -1.8 |
| West South Central | 19.65 | 20.15 | 20.28 | 19.89 | 20.02 | -6 |
| Arkansas..... | 25.97 | 25.80 | 29.69 | 25.89 | 29.27 | -11.5 |
| Louisiana | 22.91 | 23.08 | 24.14 | 23.00 | 24.30 | -5.4 |
| Oklahoma | 15.98 | 16.04 | 16.13 | 16.01 | 16.07 | -4 |
| Texas | 19.07 | 19.88 | 19.37 | 19.46 | 19.01 | 2.3 |
| Mountain | 21.31 | 20.84 | 22.21 | 21.07 | 22.02 | -4.3 |
| Arizona..... | 27.52 | 27.05 | 29.64 | 27.29 | 29.82 | -8.5 |
| Colorado..... | 20.05 | 19.53 | 20.59 | 19.79 | 20.69 | -4.3 |
| Montana..... | 12.84 | 11.39 | 11.62 | 12.06 | 11.45 | 5.4 |
| Nevada..... | 34.09 | 29.23 | 34.04 | 31.15 | 31.60 | -1.4 |
| New Mexico..... | 25.03 | 23.68 | 24.16 | 24.36 | 24.54 | -7 |
| Utah..... | 26.54 | 25.66 | 25.08 | 26.10 | 25.63 | 1.8 |
| Wyoming..... | 12.35 | 14.07 | 13.84 | 13.23 | 14.17 | -6.6 |
| Pacific | 22.93 | 24.00 | 30.53 | 23.43 | 30.39 | -22.9 |
| Oregon..... | 19.09 | 19.15 | - | 19.13 | 20.00 | -4.3 |
| Washington | 23.61 | 26.85 | 30.53 | 24.90 | 31.14 | -20.0 |
| U.S. Total | 25.90 | 25.85 | 26.49 | 25.88 | 26.51 | -2.4 |

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

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

Table 27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 1998

| State | 0-0.60 lbs sulfur per MM Btu | | 0.61-1.67 lbs sulfur per MM Btu | | > 1.67 lbs. sulfur per MM Btu | | Total | | | Percent Change vs prior year | | |
|---------------------|--------------------------------|--------------------------|---------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|--------------------------|------------------------|------------------------------|-------------|----------------|
| | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Quantity (thousand short tons) | Price (cents per MM Btu) | Lbs. sulfur per MM Btu | Quantity | Price | Sulfur Content |
| Alabama | 3,806 | 205 | 3,101 | 166 | 729 | 136 | 7,636 | 183 | 0.95 | -10.3 | 2.6 | 3.7 |
| Arizona | 5,839 | 120 | - | - | - | - | 5,839 | 120 | .49 | 17.9 | -7.0 | 2.0 |
| Colorado | 10,732 | 123 | 165 | 94 | - | - | 10,897 | 123 | .41 | -5.2 | -1.3 | * |
| Illinois | 28 | 126 | 7,201 | 141 | 10,172 | 129 | 17,400 | 134 | 2.00 | -2.3 | -2.0 | -1.8 |
| Indiana | 876 | 149 | 5,755 | 121 | 9,573 | 101 | 16,205 | 110 | 2.07 | 16.2 | 2.8 | -2.4 |
| Kansas | - | - | - | - | 202 | 103 | 202 | 103 | 3.86 | 65.5 | -14.7 | 25.7 |
| Kentucky | 8,317 | 153 | 36,252 | 141 | 15,709 | 107 | 60,278 | 134 | 1.33 | 1.7 | -1.4 | -3.3 |
| Louisiana | - | - | 855 | 129 | 696 | 148 | 1,551 | 137 | 1.47 | -14.6 | 2.6 | -4.5 |
| Maryland | - | - | 2,056 | 122 | - | - | 2,056 | 122 | 1.37 | 17.3 | -1.9 | 2.6 |
| Missouri | - | - | - | - | 75 | 121 | 75 | 121 | 2.81 | -62.9 | 13.5 | -19.1 |
| Montana | 8,345 | 144 | 9,797 | 90 | - | - | 18,142 | 116 | .61 | 12.2 | -9.0 | .9 |
| New Mexico | 3,265 | 153 | 9,408 | 134 | - | - | 12,673 | 140 | .74 | -2.9 | -4.2 | -8 |
| North Dakota | - | - | 10,887 | 77 | 537 | 80 | 11,423 | 77 | 1.16 | 3.0 | 1.3 | .2 |
| Ohio | 2 | 154 | 195 | 125 | 11,822 | 140 | 12,019 | 140 | 3.00 | -6.0 | 9.0 | 2.2 |
| Oklahoma | - | - | - | - | 68 | 112 | 68 | 112 | 2.85 | 36.5 | 5.9 | 7.2 |
| Pennsylvania | 876 | 150 | 20,969 | 135 | 6,448 | 119 | 28,293 | 132 | 1.45 | 12.9 | .5 | -9 |
| Tennessee | - | - | 1,255 | 127 | - | - | 1,255 | 127 | 1.03 | -1.2 | * | 13.0 |
| Texas | - | - | 11,094 | 120 | 12,109 | 89 | 23,203 | 104 | 1.67 | -2.4 | 4.0 | 7.2 |
| Utah | 9,074 | 120 | 268 | 124 | - | - | 9,342 | 120 | .41 | -3.1 | 2.1 | -2.0 |
| Virginia | 3,111 | 155 | 4,815 | 139 | 138 | 125 | 8,063 | 145 | .76 | 9.2 | -1.3 | -9.9 |
| Washington | - | - | 2,080 | 164 | - | - | 2,080 | 164 | .79 | 19.1 | -17.4 | 3.3 |
| West Virginia | 17,160 | 151 | 22,484 | 136 | 13,179 | 133 | 52,823 | 140 | 1.24 | .5 | -9 | 3.4 |
| Wyoming | 139,039 | 112 | 9,111 | 105 | - | - | 148,150 | 112 | .39 | 11.9 | -4.8 | -2.7 |
| Imported | 2,546 | 157 | 130 | 150 | - | - | 2,676 | 157 | .52 | 43.6 | -1.3 | -10.5 |
| Total | 213,016 | 126 | 157,876 | 131 | 81,457 | 119 | 452,348 | 126 | 1.06 | 5.5 | -2.0 | -2.1 |

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------------|--------------------------------|-------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Alabama | 14,678 | 15,535 | 85.1 | 83.0 | 1.03 | 0.97 | 156 | 153 |
| Alabama..... | 7,499 | 8,228 | 93.4 | 92.4 | .95 | .89 | 183 | 179 |
| Colorado..... | 340 | 653 | 100.0 | 100.0 | .42 | .44 | 116 | 113 |
| Illinois..... | 435 | 854 | 14.0 | - | 1.72 | 1.20 | 128 | 130 |
| Indiana..... | 49 | - | - | - | 3.12 | - | 110 | - |
| Kentucky..... | 2,121 | 1,344 | 65.1 | 66.5 | 1.65 | 1.95 | 120 | 112 |
| Pennsylvania..... | 29 | 46 | 100.0 | 100.0 | 1.53 | 1.80 | 112 | 112 |
| Tennessee..... | 321 | 284 | 100.0 | 100.0 | .70 | .71 | 136 | 134 |
| Utah..... | - | 122 | - | 81.1 | - | .39 | - | 122 |
| West Virginia..... | 1,061 | 1,797 | 51.7 | 63.4 | 1.57 | 1.36 | 132 | 129 |
| Wyoming..... | 2,823 | 2,206 | 99.5 | 98.9 | .31 | .29 | 119 | 112 |
| Arizona | 9,104 | 7,680 | 85.9 | 84.5 | .54 | .53 | 134 | 147 |
| Arizona..... | 3,711 | 2,819 | 100.0 | 100.0 | .49 | .49 | 118 | 125 |
| Colorado..... | 30 | - | - | - | .40 | - | 154 | - |
| New Mexico..... | 5,167 | 4,860 | 79.6 | 75.5 | .58 | .55 | 147 | 161 |
| Wyoming..... | 195 | - | - | - | .29 | - | 117 | - |
| Arkansas | 6,580 | 5,865 | 89.6 | 93.2 | .38 | .38 | 149 | 169 |
| Wyoming..... | 6,580 | 5,865 | 89.6 | 93.2 | .38 | .38 | 149 | 169 |
| Colorado | 8,843 | 8,140 | 93.2 | 90.7 | .39 | .38 | 100 | 104 |
| Colorado..... | 5,488 | 5,299 | 93.1 | 90.1 | .41 | .41 | 106 | 111 |
| Wyoming..... | 3,355 | 2,841 | 93.4 | 91.6 | .34 | .32 | 88 | 89 |
| Connecticut | 452 | 548 | 79.2 | 94.0 | .40 | .43 | 181 | 192 |
| Kentucky..... | 352 | 405 | 87.8 | 98.8 | .38 | .41 | 183 | 193 |
| Virginia..... | - | 4 | - | 100.0 | - | .52 | - | 184 |
| West Virginia..... | 64 | 139 | 76.6 | 79.9 | .46 | .48 | 181 | 190 |
| Imported coal Venezuela..... | 36 | - | - | - | .42 | - | 162 | - |
| Delaware | 730 | 868 | 97.9 | 78.2 | .76 | .70 | 157 | 161 |
| Kentucky..... | 54 | - | 100.0 | - | .50 | - | 176 | - |
| Maryland..... | 57 | 39 | 100.0 | 100.0 | 1.13 | 1.09 | 146 | 149 |
| Pennsylvania..... | 240 | 217 | 97.7 | 59.4 | 1.04 | 1.02 | 143 | 142 |
| Virginia..... | 65 | 76 | 100.0 | 88.3 | .61 | .67 | 175 | 158 |
| West Virginia..... | 315 | 537 | 96.8 | 82.8 | .55 | .55 | 163 | 170 |
| Florida | 13,839 | 13,537 | 66.2 | 64.5 | 1.29 | 1.33 | 167 | 175 |
| Alabama..... | 109 | 193 | - | - | .88 | 1.94 | 162 | 176 |
| Colorado..... | - | 14 | - | - | - | .54 | - | 183 |
| Illinois..... | 3,529 | 3,035 | 80.9 | 77.7 | 1.86 | 1.87 | 167 | 184 |
| Indiana..... | 30 | 5 | 100.0 | - | 2.79 | .62 | 125 | 164 |
| Kentucky..... | 7,078 | 7,113 | 64.3 | 62.2 | 1.21 | 1.30 | 168 | 175 |
| Virginia..... | 407 | 454 | 97.8 | 96.0 | .63 | .67 | 209 | 210 |
| West Virginia..... | 1,018 | 1,351 | 44.0 | 49.2 | 1.36 | 1.17 | 164 | 168 |
| Wyoming..... | 478 | 520 | - | - | .46 | .51 | 136 | 143 |
| Imported coal Colombia..... | 700 | 565 | 93.8 | 100.0 | .53 | .60 | 148 | 152 |
| Imported coal Indonesia..... | 297 | 287 | 75.4 | 100.0 | .26 | .38 | 159 | 162 |
| Imported coal Venezuela..... | 193 | - | - | - | .60 | - | 156 | - |
| Georgia | 14,804 | 13,657 | 49.3 | 55.6 | .72 | .70 | 155 | 159 |
| Alabama..... | - | 50 | - | - | - | 1.51 | - | 135 |
| Illinois..... | 400 | 450 | 100.0 | 89.6 | 1.27 | .87 | 137 | 147 |
| Kentucky..... | 7,249 | 7,294 | 54.9 | 65.6 | .82 | .77 | 150 | 155 |
| Virginia..... | 1,856 | 963 | 60.0 | 75.7 | .68 | .73 | 153 | 161 |
| West Virginia..... | 2,358 | 2,162 | 76.5 | 77.8 | .60 | .57 | 182 | 184 |
| Wyoming..... | 2,790 | 2,640 | - | - | .41 | .45 | 150 | 150 |
| Imported coal Venezuela..... | 150 | 99 | - | - | .88 | 1.34 | 150 | 138 |
| Illinois | 19,467 | 21,043 | 87.7 | 83.8 | 1.15 | 1.21 | 160 | 164 |
| Colorado..... | 690 | 611 | 83.2 | 55.0 | .45 | .47 | 138 | 136 |
| Illinois..... | 6,920 | 7,374 | 88.1 | 82.8 | 2.33 | 2.49 | 127 | 124 |
| Indiana..... | 836 | 825 | 70.6 | 49.9 | .84 | .95 | 147 | 140 |
| Kentucky..... | 9 | 88 | - | 20.5 | .57 | .45 | 169 | 172 |
| Montana..... | 655 | 790 | 100.0 | 100.0 | .34 | .33 | 234 | 262 |
| Utah..... | 434 | 880 | 90.3 | 59.8 | .37 | .38 | 179 | 171 |
| West Virginia..... | - | 7 | - | - | - | .57 | - | 146 |
| Wyoming..... | 9,923 | 10,469 | 88.3 | 90.3 | .33 | .38 | 186 | 194 |
| Indiana | 28,128 | 25,817 | 71.2 | 71.7 | 1.55 | 1.54 | 113 | 116 |
| Illinois..... | 2,338 | 2,789 | 65.0 | 89.6 | 2.17 | 1.99 | 119 | 131 |
| Indiana..... | 13,879 | 11,646 | 66.5 | 57.1 | 2.10 | 2.15 | 109 | 106 |
| Kentucky..... | 668 | 454 | 56.4 | 84.1 | 1.37 | 1.36 | 122 | 125 |
| Montana..... | - | 604 | - | 100.0 | - | .33 | - | 253 |
| Ohio..... | 562 | 613 | - | - | 3.38 | 3.57 | 109 | 101 |
| Pennsylvania..... | 283 | 264 | 100.0 | 98.7 | 1.67 | 1.75 | 107 | 104 |
| Virginia..... | 443 | 426 | 100.0 | 100.0 | .54 | .54 | 159 | 157 |

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997 (Continued)

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Indiana | | | | | | | | |
| West Virginia | 900 | 538 | 53.7 | 57.8 | 0.86 | 0.95 | 119 | 142 |
| Wyoming | 9,054 | 8,483 | 85.1 | 87.1 | .34 | .34 | 113 | 113 |
| Iowa | 10,070 | 8,378 | 76.4 | 81.6 | .49 | .47 | 90 | 92 |
| Colorado | 249 | 260 | 100.0 | 88.4 | .43 | .46 | 132 | 135 |
| Illinois | 102 | 47 | 28.0 | 72.1 | 2.32 | 2.13 | 117 | 128 |
| Indiana | 90 | 66 | 100.0 | 24.5 | 1.23 | 1.28 | 125 | 123 |
| Kentucky | 55 | 31 | 59.8 | - | 2.35 | 2.30 | 117 | 112 |
| Montana | 50 | 29 | 44.6 | - | .30 | .30 | 135 | 148 |
| West Virginia | 1 | 1 | - | - | 2.08 | 2.08 | 164 | 153 |
| Wyoming | 9,523 | 7,944 | 76.3 | 82.5 | .44 | .44 | 87 | 90 |
| Kansas | 9,398 | 7,963 | 99.2 | 99.2 | .52 | .57 | 99 | 106 |
| Colorado | 603 | 842 | 100.0 | 100.0 | .42 | .37 | 122 | 125 |
| Illinois | - | 88 | - | 100.0 | - | 2.69 | - | 107 |
| Kansas | 202 | 84 | 100.0 | 100.0 | 3.86 | 3.17 | 103 | 115 |
| Missouri | 14 | 152 | 100.0 | 100.0 | 3.06 | 3.79 | 126 | 101 |
| Montana | 67 | - | 100.0 | - | .34 | - | 91 | - |
| Oklahoma | 38 | 8 | 100.0 | - | 2.90 | 2.91 | 118 | 120 |
| Wyoming | 8,474 | 6,789 | 99.1 | 99.2 | .40 | .43 | 96 | 103 |
| Kentucky | 19,105 | 19,308 | 63.3 | 71.4 | 2.10 | 2.19 | 105 | 104 |
| Colorado | 1,302 | 993 | 100.0 | 100.0 | .40 | .43 | 126 | 129 |
| Illinois | 143 | 91 | - | - | 2.04 | 2.35 | 100 | 104 |
| Indiana | 1,074 | 1,222 | 93.9 | 99.3 | 2.88 | 2.82 | 95 | 91 |
| Kentucky | 12,969 | 12,704 | 55.0 | 68.8 | 2.37 | 2.53 | 103 | 101 |
| Ohio | 357 | 316 | 87.9 | 41.7 | 3.40 | 3.68 | 96 | 89 |
| Pennsylvania | 48 | 57 | 80.7 | 64.0 | 1.72 | 1.65 | 110 | 111 |
| Utah | - | 132 | - | 92.4 | - | .54 | - | 134 |
| West Virginia | 3,118 | 3,582 | 72.8 | 66.5 | 1.41 | 1.32 | 111 | 112 |
| Wyoming | 94 | 212 | 23.9 | 79.6 | .32 | .56 | 94 | 119 |
| Louisiana | 6,451 | 6,506 | 100.0 | 100.0 | .74 | .78 | 142 | 150 |
| Louisiana | 1,551 | 1,817 | 100.0 | 100.0 | 1.47 | 1.54 | 137 | 134 |
| Texas | 91 | - | 100.0 | - | 2.31 | - | 132 | - |
| Wyoming | 4,809 | 4,689 | 100.0 | 100.0 | .52 | .54 | 144 | 155 |
| Maryland | 5,490 | 4,896 | 70.5 | 76.5 | .91 | .86 | 146 | 152 |
| Kentucky | 259 | 269 | 100.0 | 85.9 | .58 | .58 | 146 | 151 |
| Maryland | 343 | 393 | 84.2 | 85.0 | 1.15 | 1.09 | 175 | 173 |
| Pennsylvania | 1,516 | 554 | 16.4 | 61.2 | 1.13 | 1.06 | 149 | 157 |
| West Virginia | 3,372 | 3,680 | 91.2 | 77.3 | .80 | .82 | 142 | 150 |
| Massachusetts | 2,482 | 2,243 | 87.6 | 90.0 | .57 | .58 | 168 | 171 |
| Kentucky | 388 | 405 | 97.9 | 91.7 | .53 | .55 | 181 | 181 |
| Pennsylvania | 87 | 125 | 100.0 | 73.0 | 1.19 | .99 | 161 | 166 |
| West Virginia | 1,313 | 1,091 | 77.1 | 85.6 | .56 | .56 | 168 | 173 |
| Imported coal Colombia | 387 | 511 | 100.0 | 100.0 | .51 | .53 | 166 | 163 |
| Imported coal Venezuela | 307 | 112 | 100.0 | 100.0 | .51 | .56 | 153 | 163 |
| Michigan | 15,875 | 13,846 | 76.6 | 82.8 | .66 | .64 | 132 | 137 |
| Colorado | 288 | 182 | 94.0 | 94.4 | .48 | .46 | 138 | 135 |
| Illinois | 9 | - | - | - | 1.08 | - | 152 | - |
| Indiana | 106 | 69 | 100.0 | 100.0 | 2.11 | 2.01 | 138 | 136 |
| Kentucky | 2,173 | 1,993 | 64.2 | 63.8 | .68 | .72 | 150 | 154 |
| Montana | 3,866 | 3,025 | 89.2 | 100.0 | .39 | .39 | 143 | 157 |
| Ohio | 74 | 52 | 18.8 | 97.6 | 2.66 | 2.50 | 157 | 155 |
| Pennsylvania | 1,737 | 1,213 | 64.8 | 84.3 | 1.16 | 1.18 | 125 | 121 |
| West Virginia | 2,475 | 2,579 | 54.5 | 71.9 | .93 | .88 | 152 | 155 |
| Wyoming | 5,145 | 4,733 | 86.5 | 84.6 | .35 | .33 | 99 | 107 |
| Minnesota | 8,567 | 8,275 | 97.3 | 96.8 | .49 | .49 | 111 | 112 |
| Illinois | 11 | 52 | 100.0 | 100.0 | 1.10 | 1.12 | 161 | 166 |
| Indiana | 15 | - | - | - | 1.13 | - | 150 | - |
| Montana | 4,526 | 4,320 | 96.1 | 93.8 | .68 | .66 | 111 | 112 |
| Wyoming | 4,014 | 3,902 | 99.0 | 100.0 | .28 | .29 | 110 | 112 |
| Mississippi | 3,058 | 2,893 | 86.4 | 88.3 | .74 | .67 | 153 | 154 |
| Alabama | 28 | 46 | - | - | .57 | .63 | 148 | 138 |
| Colorado | - | 36 | - | - | - | .42 | - | 155 |
| Illinois | 744 | 626 | 89.6 | 87.9 | 1.39 | 1.02 | 142 | 138 |
| Kentucky | 384 | 541 | 96.0 | 87.7 | .76 | .80 | 203 | 198 |
| Montana | 1,606 | 1,528 | 100.0 | 100.0 | .40 | .43 | 147 | 143 |
| Wyoming | 231 | 116 | - | - | .48 | .53 | 133 | 136 |
| Imported coal Venezuela | 65 | - | - | - | .60 | - | 141 | - |
| Missouri | 18,968 | 15,910 | 61.9 | 85.0 | .42 | .53 | 92 | 94 |
| Colorado | 30 | - | - | - | .54 | - | 137 | - |

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997 (Continued)

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Missouri | | | | | | | | |
| Illinois..... | 1,042 | 1,291 | 33.8 | 80.3 | 1.76 | 2.10 | 129 | 127 |
| Indiana..... | 53 | - | - | - | .60 | - | 131 | - |
| Kansas..... | - | 38 | - | 98.2 | - | 2.87 | - | 133 |
| Kentucky..... | 23 | 23 | 35.4 | 100.0 | 2.05 | .70 | 182 | 214 |
| Missouri..... | 61 | 49 | 97.5 | 93.8 | 2.75 | 2.46 | 119 | 123 |
| Wyoming..... | 17,759 | 14,510 | 63.8 | 85.3 | .31 | .33 | 88 | 90 |
| Montana | 4,921 | 3,894 | 100.0 | 100.0 | .87 | .88 | 71 | 69 |
| Montana..... | 4,868 | 3,694 | 100.0 | 100.0 | .88 | .91 | 72 | 70 |
| Wyoming..... | 53 | 200 | 100.0 | 100.0 | .29 | .28 | 62 | 49 |
| Nebraska | 5,858 | 5,349 | 80.4 | 75.2 | .32 | .36 | 59 | 60 |
| Wyoming..... | 5,858 | 5,349 | 80.4 | 75.2 | .32 | .36 | 59 | 60 |
| Nevada | 3,594 | 3,268 | 92.3 | 94.5 | .43 | .44 | 140 | 142 |
| Arizona..... | 2,128 | 2,133 | 100.0 | 100.0 | .48 | .46 | 123 | 135 |
| Colorado..... | 20 | 48 | 100.0 | 100.0 | .41 | .49 | 196 | 201 |
| Utah..... | 1,446 | 1,070 | 80.9 | 84.8 | .37 | .41 | 161 | 155 |
| Wyoming..... | - | 17 | - | - | - | .48 | - | 95 |
| New Hampshire | 645 | 795 | 69.5 | 59.3 | 1.07 | 1.13 | 161 | 161 |
| Pennsylvania..... | 345 | 455 | 95.7 | 71.7 | 1.10 | 1.10 | 166 | 165 |
| West Virginia..... | 117 | 213 | 100.0 | 68.2 | 1.81 | 1.53 | 160 | 151 |
| Imported coal Colombia..... | 35 | - | - | - | .49 | - | 173 | - |
| Imported coal Venezuela..... | 148 | 127 | - | - | .51 | .57 | 147 | 162 |
| New Jersey | 960 | 1,121 | 75.8 | 95.2 | .87 | .92 | 161 | 176 |
| Kentucky..... | 28 | 106 | - | 100.0 | .66 | .50 | 164 | 174 |
| Pennsylvania..... | * | - | 100.0 | - | .61 | - | 192 | - |
| Virginia..... | 410 | 482 | 98.8 | 94.1 | .53 | .57 | 156 | 179 |
| West Virginia..... | 482 | 533 | 66.8 | 95.2 | 1.23 | 1.35 | 165 | 174 |
| Imported coal Venezuela..... | 39 | - | - | - | .52 | - | 155 | - |
| New Mexico | 7,290 | 7,927 | 100.0 | 100.0 | .87 | .89 | 133 | 135 |
| New Mexico..... | 7,290 | 7,927 | 100.0 | 100.0 | .87 | .89 | 133 | 135 |
| New York | 4,300 | 3,643 | 87.0 | 87.4 | 1.25 | 1.32 | 144 | 141 |
| Kentucky..... | 471 | 296 | 70.3 | 49.0 | .52 | .45 | 180 | 187 |
| Ohio..... | 3 | - | - | - | 3.17 | - | 128 | - |
| Pennsylvania..... | 1,983 | 1,106 | 88.5 | 87.1 | 1.27 | 1.31 | 137 | 134 |
| West Virginia..... | 1,581 | 2,083 | 88.2 | 92.1 | 1.56 | 1.52 | 137 | 136 |
| Imported coal Colombia..... | 35 | - | 100.0 | - | .47 | - | 170 | - |
| Imported coal Venezuela..... | 227 | 158 | 100.0 | 100.0 | .47 | .49 | 170 | 174 |
| North Carolina | 13,529 | 13,119 | 74.5 | 73.6 | .72 | .73 | 144 | 143 |
| Kentucky..... | 7,693 | 7,936 | 66.4 | 66.4 | .78 | .79 | 142 | 141 |
| Virginia..... | 143 | 161 | .1 | - | .76 | .91 | 134 | 131 |
| West Virginia..... | 5,693 | 4,982 | 87.4 | 88.2 | .65 | .62 | 149 | 148 |
| Wyoming..... | - | 40 | - | - | - | .56 | - | 179 |
| North Dakota | 11,423 | 11,199 | 100.0 | 98.1 | 1.16 | 1.15 | 77 | 76 |
| North Dakota..... | 11,423 | 11,091 | 100.0 | 99.1 | 1.16 | 1.16 | 77 | 76 |
| Wyoming..... | - | 107 | - | - | - | .52 | - | 65 |
| Ohio | 26,575 | 25,886 | 72.9 | 69.7 | 1.73 | 1.71 | 137 | 132 |
| Illinois..... | 2 | - | - | - | .73 | - | 132 | - |
| Indiana..... | 10 | 2 | - | - | 1.30 | 2.36 | 98 | 104 |
| Kentucky..... | 3,647 | 4,134 | 52.4 | 62.8 | .74 | .77 | 124 | 132 |
| Montana..... | - | 15 | - | - | - | .32 | - | 149 |
| Ohio..... | 10,247 | 10,840 | 83.6 | 74.8 | 2.97 | 2.87 | 146 | 133 |
| Pennsylvania..... | 2,424 | 1,669 | 58.6 | 39.6 | 1.43 | 1.37 | 124 | 116 |
| Virginia..... | 289 | 183 | 100.0 | 100.0 | .55 | .60 | 126 | 126 |
| West Virginia..... | 9,105 | 8,605 | 77.2 | 72.9 | .97 | .87 | 137 | 136 |
| Wyoming..... | 851 | 438 | 16.9 | 49.8 | .36 | .26 | 120 | 124 |
| Oklahoma | 10,144 | 9,366 | 98.6 | 99.9 | .33 | .35 | 92 | 93 |
| Oklahoma..... | 30 | 42 | 100.0 | 100.0 | 2.79 | 2.61 | 104 | 103 |
| Wyoming..... | 10,114 | 9,324 | 98.6 | 99.9 | .32 | .33 | 92 | 93 |
| Oregon | 965 | 135 | - | - | .37 | .25 | 109 | 114 |
| Wyoming..... | 965 | 135 | - | - | .37 | .25 | 109 | 114 |
| Pennsylvania | 21,836 | 21,881 | 83.2 | 74.9 | 1.79 | 1.71 | 136 | 137 |
| Maryland..... | 14 | 8 | - | - | .91 | .86 | 132 | 133 |
| Ohio..... | 79 | 195 | 100.0 | 100.0 | 3.02 | 3.08 | 170 | 171 |
| Pennsylvania..... | 16,900 | 17,244 | 79.2 | 70.0 | 1.57 | 1.55 | 131 | 132 |
| West Virginia..... | 4,844 | 4,434 | 97.3 | 93.1 | 2.52 | 2.27 | 154 | 154 |
| South Carolina | 6,484 | 5,734 | 80.9 | 74.9 | .93 | .92 | 145 | 145 |
| Kentucky..... | 5,610 | 4,936 | 78.1 | 73.1 | .92 | .89 | 143 | 144 |
| Tennessee..... | 183 | 189 | 100.0 | 84.6 | 1.06 | 1.19 | 152 | 152 |
| Virginia..... | 546 | 555 | 100.0 | 95.6 | 1.01 | 1.10 | 150 | 153 |
| West Virginia..... | 145 | 55 | 94.8 | - | .77 | 1.06 | 160 | 150 |

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997 (Continued)

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|----------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| South Dakota | 939 | 945 | 100.0 | 100.0 | 0.70 | 0.72 | 93 | 93 |
| Montana..... | 939 | 945 | 100.0 | 100.0 | .70 | .72 | 93 | 93 |
| Tennessee | 13,048 | 12,616 | 75.6 | 71.1 | 1.53 | 1.60 | 113 | 113 |
| Colorado..... | 332 | 535 | 100.0 | 87.7 | .41 | .45 | 115 | 116 |
| Illinois..... | 1,336 | 758 | 48.8 | 62.0 | 1.76 | 1.85 | 109 | 108 |
| Kentucky..... | 7,488 | 7,839 | 74.8 | 65.2 | 1.86 | 1.91 | 113 | 112 |
| Pennsylvania..... | 270 | 317 | 94.6 | 100.0 | 1.76 | 1.88 | 110 | 110 |
| Tennessee..... | 750 | 798 | 99.2 | 93.3 | 1.16 | .91 | 116 | 118 |
| Utah..... | 722 | 654 | 46.1 | 96.5 | .48 | .47 | 124 | 122 |
| Virginia..... | 779 | 1,003 | 96.5 | 79.0 | 1.23 | 1.39 | 129 | 126 |
| West Virginia..... | 12 | - | - | - | .60 | - | 123 | - |
| Wyoming..... | 1,357 | 712 | 88.0 | 61.9 | .38 | .40 | 91 | 92 |
| Texas | 45,855 | 44,847 | 92.6 | 93.8 | .95 | .94 | 129 | 128 |
| Colorado..... | 625 | 614 | 77.2 | - | .34 | .35 | 140 | 131 |
| Texas..... | 23,112 | 23,766 | 100.0 | 100.0 | 1.67 | 1.56 | 104 | 100 |
| Wyoming..... | 22,061 | 20,466 | 85.6 | 89.4 | .42 | .42 | 149 | 152 |
| Imported coal Colombia..... | 48 | - | - | - | .41 | - | 194 | - |
| Imported coal Venezuela..... | 9 | - | - | - | .54 | - | 186 | - |
| Utah | 7,638 | 7,837 | 98.1 | 92.9 | .42 | .42 | 115 | 112 |
| Colorado..... | 899 | 1,086 | 94.9 | 83.0 | .43 | .37 | 190 | 173 |
| Utah..... | 6,739 | 6,729 | 98.6 | 94.9 | .42 | .42 | 107 | 103 |
| Wyoming..... | - | 22 | - | - | - | .27 | - | 128 |
| Virginia | 6,010 | 5,700 | 69.4 | 76.1 | .78 | .81 | 138 | 139 |
| Kentucky..... | 1,538 | 1,290 | 53.1 | 54.1 | .92 | .90 | 142 | 145 |
| Maryland..... | - | 30 | - | - | - | 1.35 | - | 152 |
| Virginia..... | 3,126 | 3,077 | 77.5 | 79.0 | .76 | .79 | 134 | 135 |
| West Virginia..... | 1,346 | 1,304 | 69.3 | 92.7 | .66 | .73 | 144 | 143 |
| Washington | 2,827 | 1,874 | 73.5 | 99.8 | .66 | .73 | 151 | 193 |
| Montana..... | 747 | 123 | - | 100.0 | .36 | .38 | 121 | 134 |
| Washington..... | 2,080 | 1,747 | 100.0 | 100.0 | .79 | .77 | 164 | 198 |
| Imported coal Canada..... | - | 4 | - | - | - | .36 | - | 172 |
| West Virginia | 17,224 | 15,994 | 87.5 | 92.7 | 1.57 | 1.61 | 122 | 124 |
| Maryland..... | 1,642 | 1,282 | 93.7 | 97.2 | 1.42 | 1.42 | 109 | 107 |
| Ohio..... | 697 | 773 | 100.0 | 100.0 | 3.04 | 3.09 | 89 | 87 |
| Pennsylvania..... | 1,384 | 1,060 | 92.8 | 86.5 | 1.23 | 1.17 | 127 | 125 |
| West Virginia..... | 13,501 | 12,879 | 85.5 | 92.3 | 1.54 | 1.57 | 125 | 128 |
| Wisconsin | 11,488 | 11,600 | 76.6 | 82.2 | .50 | .51 | 107 | 109 |
| Colorado..... | - | 317 | - | - | - | .46 | - | 135 |
| Illinois..... | 389 | 361 | - | - | .79 | .87 | 136 | 133 |
| Indiana..... | 62 | 107 | - | - | 1.29 | 1.14 | 141 | 136 |
| Kentucky..... | 21 | 58 | - | - | .63 | .71 | 192 | 170 |
| Montana..... | 816 | 1,091 | 100.0 | 99.2 | .65 | .61 | 110 | 111 |
| New Mexico..... | 216 | 265 | 100.0 | 100.0 | .50 | .46 | 153 | 157 |
| Pennsylvania..... | 1,045 | 739 | 30.9 | 61.0 | 1.17 | 1.21 | 146 | 147 |
| Utah..... | - | 52 | - | - | - | .45 | - | 165 |
| West Virginia..... | - | 12 | - | - | - | .56 | - | 145 |
| Wyoming..... | 8,938 | 8,599 | 83.2 | 90.0 | .35 | .37 | 96 | 97 |
| Wyoming | 12,705 | 11,111 | 92.6 | 95.9 | .61 | .61 | 75 | 81 |
| Wyoming..... | 12,705 | 11,111 | 92.6 | 95.9 | .61 | .61 | 75 | 81 |
| U.S. Total | 452,348 | 428,751 | 81.3 | 82.8 | 1.06 | 1.08 | 126 | 129 |

* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Alabama | 7,636 | 8,517 | 91.7 | 89.2 | 0.95 | 0.92 | 183 | 178 |
| Alabama..... | 7,499 | 8,228 | 93.4 | 92.4 | .95 | .89 | 183 | 179 |
| Florida..... | 109 | 193 | - | - | .88 | 1.94 | 162 | 176 |
| Georgia..... | - | 50 | - | - | - | 1.51 | - | 135 |
| Mississippi..... | 28 | 46 | - | - | .57 | .63 | 148 | 138 |
| Arizona | 5,839 | 4,952 | 100.0 | 100.0 | .49 | .48 | 120 | 129 |
| Arizona..... | 3,711 | 2,819 | 100.0 | 100.0 | .49 | .49 | 118 | 125 |
| Nevada..... | 2,128 | 2,133 | 100.0 | 100.0 | .48 | .46 | 123 | 135 |
| Colorado | 10,897 | 11,490 | 93.0 | 82.0 | .41 | .41 | 123 | 124 |
| Alabama..... | 340 | 653 | 100.0 | 100.0 | .42 | .44 | 116 | 113 |
| Arizona..... | 30 | - | - | - | .40 | - | 154 | - |
| Colorado..... | 5,488 | 5,299 | 93.1 | 90.1 | .41 | .41 | 106 | 111 |
| Florida..... | - | 14 | - | - | - | .54 | - | 183 |
| Illinois..... | 690 | 611 | 83.2 | 55.0 | .45 | .47 | 138 | 136 |
| Iowa..... | 249 | 260 | 100.0 | 88.4 | .43 | .46 | 132 | 135 |
| Kansas..... | 603 | 842 | 100.0 | 100.0 | .42 | .37 | 122 | 125 |
| Kentucky..... | 1,302 | 993 | 100.0 | 100.0 | .40 | .43 | 126 | 129 |
| Michigan..... | 288 | 182 | 94.0 | 94.4 | .48 | .46 | 138 | 135 |
| Mississippi..... | - | 36 | - | - | - | .42 | - | 155 |
| Missouri..... | 30 | - | - | - | .54 | - | 137 | - |
| Nevada..... | 20 | 48 | 100.0 | 100.0 | .41 | .49 | 196 | 201 |
| Tennessee..... | 332 | 535 | 100.0 | 87.7 | .41 | .45 | 115 | 116 |
| Texas..... | 625 | 614 | 77.2 | - | .34 | .35 | 140 | 131 |
| Utah..... | 899 | 1,086 | 94.9 | 83.0 | .43 | .37 | 190 | 173 |
| Wisconsin..... | - | 317 | - | - | - | .46 | - | 135 |
| Illinois | 17,400 | 17,815 | 72.7 | 76.3 | 2.00 | 2.04 | 134 | 137 |
| Alabama..... | 435 | 854 | 14.0 | - | 1.72 | 1.20 | 128 | 130 |
| Florida..... | 3,529 | 3,035 | 80.9 | 77.7 | 1.86 | 1.87 | 167 | 184 |
| Georgia..... | 400 | 450 | 100.0 | 89.6 | 1.27 | .87 | 137 | 147 |
| Illinois..... | 6,920 | 7,374 | 88.1 | 82.8 | 2.33 | 2.49 | 127 | 124 |
| Indiana..... | 2,338 | 2,789 | 65.0 | 89.6 | 2.17 | 1.99 | 119 | 131 |
| Iowa..... | 102 | 47 | 28.0 | 72.1 | 2.32 | 2.13 | 117 | 128 |
| Kansas..... | - | 88 | - | 100.0 | - | 2.69 | - | 107 |
| Kentucky..... | 143 | 91 | - | - | 2.04 | 2.35 | 100 | 104 |
| Michigan..... | 9 | - | - | - | 1.08 | - | 152 | - |
| Minnesota..... | 11 | 52 | 100.0 | 100.0 | 1.10 | 1.12 | 161 | 166 |
| Mississippi..... | 744 | 626 | 89.6 | 87.9 | 1.39 | 1.02 | 142 | 138 |
| Missouri..... | 1,042 | 1,291 | 33.8 | 80.3 | 1.76 | 2.10 | 129 | 127 |
| Ohio..... | 2 | - | - | - | .73 | - | 132 | - |
| Tennessee..... | 1,336 | 758 | 48.8 | 62.0 | 1.76 | 1.85 | 109 | 108 |
| Wisconsin..... | 389 | 361 | - | - | .79 | .87 | 136 | 133 |
| Indiana | 16,205 | 13,941 | 68.2 | 59.9 | 2.07 | 2.13 | 110 | 107 |
| Alabama..... | 49 | - | - | - | 3.12 | - | 110 | - |
| Florida..... | 30 | 5 | 100.0 | - | 2.79 | .62 | 125 | 164 |
| Illinois..... | 836 | 825 | 70.6 | 49.9 | .84 | .95 | 147 | 140 |
| Indiana..... | 13,879 | 11,646 | 66.5 | 57.1 | 2.10 | 2.15 | 109 | 106 |
| Iowa..... | 90 | 66 | 100.0 | 24.5 | 1.23 | 1.28 | 125 | 123 |
| Kentucky..... | 1,074 | 1,222 | 93.9 | 99.3 | 2.88 | 2.82 | 95 | 91 |
| Michigan..... | 106 | 69 | 100.0 | 100.0 | 2.11 | 2.01 | 138 | 136 |
| Minnesota..... | 15 | - | - | - | 1.13 | - | 150 | - |
| Missouri..... | 53 | - | - | - | .60 | - | 131 | - |
| Ohio..... | 10 | 2 | - | - | 1.30 | 2.36 | 98 | 104 |
| Wisconsin..... | 62 | 107 | - | - | 1.29 | 1.14 | 141 | 136 |
| Kansas | 202 | 122 | 100.0 | 99.4 | 3.86 | 3.08 | 103 | 120 |
| Kansas..... | 202 | 84 | 100.0 | 100.0 | 3.86 | 3.17 | 103 | 115 |
| Missouri..... | - | 38 | - | 98.2 | - | 2.87 | - | 133 |
| Kentucky | 60,278 | 59,259 | 63.7 | 66.7 | 1.33 | 1.38 | 134 | 136 |
| Alabama..... | 2,121 | 1,344 | 65.1 | 66.5 | 1.65 | 1.95 | 120 | 112 |
| Connecticut..... | 352 | 405 | 87.8 | 98.8 | .38 | .41 | 183 | 193 |
| Delaware..... | 54 | - | 100.0 | - | .50 | - | 176 | - |
| Florida..... | 7,078 | 7,113 | 64.3 | 62.2 | 1.21 | 1.30 | 168 | 175 |
| Georgia..... | 7,249 | 7,294 | 54.9 | 65.6 | .82 | .77 | 150 | 155 |
| Illinois..... | 9 | 88 | - | 20.5 | .57 | .45 | 169 | 172 |
| Indiana..... | 668 | 454 | 56.4 | 84.1 | 1.37 | 1.36 | 122 | 125 |
| Iowa..... | 55 | 31 | 59.8 | - | 2.35 | 2.30 | 117 | 112 |
| Kentucky..... | 12,969 | 12,704 | 55.0 | 68.8 | 2.37 | 2.53 | 103 | 101 |
| Maryland..... | 259 | 269 | 100.0 | 85.9 | .58 | .58 | 146 | 151 |
| Massachusetts..... | 388 | 405 | 97.9 | 91.7 | .53 | .55 | 181 | 181 |
| Michigan..... | 2,173 | 1,993 | 64.2 | 63.8 | .68 | .72 | 150 | 154 |

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997 (Continued)

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Kentucky | | | | | | | | |
| Mississippi..... | 384 | 541 | 96.0 | 87.7 | 0.76 | 0.80 | 203 | 198 |
| Missouri..... | 23 | 23 | 35.4 | 100.0 | 2.05 | .70 | 182 | 214 |
| New Jersey..... | 28 | 106 | - | 100.0 | .66 | .50 | 164 | 174 |
| New York..... | 471 | 296 | 70.3 | 49.0 | .52 | .45 | 180 | 187 |
| North Carolina..... | 7,693 | 7,936 | 66.4 | 66.4 | .78 | .79 | 142 | 141 |
| Ohio..... | 3,647 | 4,134 | 52.4 | 62.8 | .74 | .77 | 124 | 132 |
| South Carolina..... | 5,610 | 4,936 | 78.1 | 73.1 | .92 | .89 | 143 | 144 |
| Tennessee..... | 7,488 | 7,839 | 74.8 | 65.2 | 1.86 | 1.91 | 113 | 112 |
| Virginia..... | 1,538 | 1,290 | 53.1 | 54.1 | .92 | .90 | 142 | 145 |
| Wisconsin..... | 21 | 58 | - | - | .63 | .71 | 192 | 170 |
| Louisiana | 1,551 | 1,817 | 100.0 | 100.0 | 1.47 | 1.54 | 137 | 134 |
| Louisiana..... | 1,551 | 1,817 | 100.0 | 100.0 | 1.47 | 1.54 | 137 | 134 |
| Maryland | 2,056 | 1,752 | 91.6 | 92.5 | 1.37 | 1.33 | 122 | 124 |
| Delaware..... | 57 | 39 | 100.0 | 100.0 | 1.13 | 1.09 | 146 | 149 |
| Maryland..... | 343 | 393 | 84.2 | 85.0 | 1.15 | 1.09 | 175 | 173 |
| Pennsylvania..... | 14 | 8 | - | - | .91 | .86 | 132 | 133 |
| Virginia..... | - | 30 | - | - | - | 1.35 | - | 152 |
| West Virginia..... | 1,642 | 1,282 | 93.7 | 97.2 | 1.42 | 1.42 | 109 | 107 |
| Missouri | 75 | 201 | 98.0 | 98.5 | 2.81 | 3.47 | 121 | 106 |
| Kansas..... | 14 | 152 | 100.0 | 100.0 | 3.06 | 3.79 | 126 | 101 |
| Missouri..... | 61 | 49 | 97.5 | 93.8 | 2.75 | 2.46 | 119 | 123 |
| Montana | 18,142 | 16,165 | 92.4 | 98.0 | .61 | .60 | 116 | 127 |
| Illinois..... | 655 | 790 | 100.0 | 100.0 | .34 | .33 | 234 | 262 |
| Indiana..... | - | 604 | - | 100.0 | - | .33 | - | 253 |
| Iowa..... | 50 | 29 | 44.6 | - | .30 | .30 | 135 | 148 |
| Kansas..... | 67 | - | 100.0 | - | .34 | - | 91 | - |
| Michigan..... | 3,866 | 3,025 | 89.2 | 100.0 | .39 | .39 | 143 | 157 |
| Minnesota..... | 4,526 | 4,320 | 96.1 | 93.8 | .68 | .66 | 111 | 112 |
| Mississippi..... | 1,606 | 1,528 | 100.0 | 100.0 | .40 | .43 | 147 | 143 |
| Montana..... | 4,868 | 3,694 | 100.0 | 100.0 | .88 | .91 | 72 | 70 |
| Ohio..... | - | 15 | - | - | - | .32 | - | 149 |
| South Dakota..... | 939 | 945 | 100.0 | 100.0 | .70 | .72 | 93 | 93 |
| Washington..... | 747 | 123 | - | 100.0 | .36 | .38 | 121 | 134 |
| Wisconsin..... | 816 | 1,091 | 100.0 | 99.2 | .65 | .61 | 110 | 111 |
| New Mexico | 12,673 | 13,052 | 91.7 | 90.9 | .74 | .75 | 140 | 146 |
| Arizona..... | 5,167 | 4,860 | 79.6 | 75.5 | .58 | .55 | 147 | 161 |
| New Mexico..... | 7,290 | 7,927 | 100.0 | 100.0 | .87 | .89 | 133 | 135 |
| Wisconsin..... | 216 | 265 | 100.0 | 100.0 | .50 | .46 | 153 | 157 |
| North Dakota | 11,423 | 11,091 | 100.0 | 99.1 | 1.16 | 1.16 | 77 | 76 |
| North Dakota..... | 11,423 | 11,091 | 100.0 | 99.1 | 1.16 | 1.16 | 77 | 76 |
| Ohio | 12,019 | 12,789 | 80.5 | 72.4 | 3.00 | 2.94 | 140 | 128 |
| Indiana..... | 562 | 613 | - | - | 3.38 | 3.57 | 109 | 101 |
| Kentucky..... | 357 | 316 | 87.9 | 41.7 | 3.40 | 3.68 | 96 | 89 |
| Michigan..... | 74 | 52 | 18.8 | 97.6 | 2.66 | 2.50 | 157 | 155 |
| New York..... | 3 | - | - | - | 3.17 | - | 128 | - |
| Ohio..... | 10,247 | 10,840 | 83.6 | 74.8 | 2.97 | 2.87 | 146 | 133 |
| Pennsylvania..... | 79 | 195 | 100.0 | 100.0 | 3.02 | 3.08 | 170 | 171 |
| West Virginia..... | 697 | 773 | 100.0 | 100.0 | 3.04 | 3.09 | 89 | 87 |
| Oklahoma | 68 | 50 | 100.0 | 83.9 | 2.85 | 2.66 | 112 | 106 |
| Kansas..... | 38 | 8 | 100.0 | - | 2.90 | 2.91 | 118 | 120 |
| Oklahoma..... | 30 | 42 | 100.0 | 100.0 | 2.79 | 2.61 | 104 | 103 |
| Pennsylvania | 28,293 | 25,066 | 73.5 | 70.3 | 1.45 | 1.46 | 132 | 131 |
| Alabama..... | 29 | 46 | 100.0 | 100.0 | 1.53 | 1.80 | 112 | 112 |
| Delaware..... | 240 | 217 | 97.7 | 59.4 | 1.04 | 1.02 | 143 | 142 |
| Indiana..... | 283 | 264 | 100.0 | 98.7 | 1.67 | 1.75 | 107 | 104 |
| Kentucky..... | 48 | 57 | 80.7 | 64.0 | 1.72 | 1.65 | 110 | 111 |
| Maryland..... | 1,516 | 554 | 16.4 | 61.2 | 1.13 | 1.06 | 149 | 157 |
| Massachusetts..... | 87 | 125 | 100.0 | 73.0 | 1.19 | .99 | 161 | 166 |
| Michigan..... | 1,737 | 1,213 | 64.8 | 84.3 | 1.16 | 1.18 | 125 | 121 |
| New Hampshire..... | 345 | 455 | 95.7 | 71.7 | 1.10 | 1.10 | 166 | 165 |
| New Jersey..... | * | - | 100.0 | - | .61 | - | 192 | - |
| New York..... | 1,983 | 1,106 | 88.5 | 87.1 | 1.27 | 1.31 | 137 | 134 |
| Ohio..... | 2,424 | 1,669 | 58.6 | 39.6 | 1.43 | 1.37 | 124 | 116 |
| Pennsylvania..... | 16,900 | 17,244 | 79.2 | 70.0 | 1.57 | 1.55 | 131 | 132 |
| Tennessee..... | 270 | 317 | 94.6 | 100.0 | 1.76 | 1.88 | 110 | 110 |
| West Virginia..... | 1,384 | 1,060 | 92.8 | 86.5 | 1.23 | 1.17 | 127 | 125 |
| Wisconsin..... | 1,045 | 739 | 30.9 | 61.0 | 1.17 | 1.21 | 146 | 147 |

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997 (Continued)

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|----------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Tennessee | 1,255 | 1,270 | 99.5 | 93.5 | 1.03 | 0.91 | 127 | 127 |
| Alabama..... | 321 | 284 | 100.0 | 100.0 | .70 | .71 | 136 | 134 |
| South Carolina..... | 183 | 189 | 100.0 | 84.6 | 1.06 | 1.19 | 152 | 152 |
| Tennessee..... | 750 | 798 | 99.2 | 93.3 | 1.16 | .91 | 116 | 118 |
| Texas | 23,203 | 23,766 | 100.0 | 100.0 | 1.67 | 1.56 | 104 | 100 |
| Louisiana | 91 | — | 100.0 | — | 2.31 | — | 132 | — |
| Texas..... | 23,112 | 23,766 | 100.0 | 100.0 | 1.67 | 1.56 | 104 | 100 |
| Utah | 9,342 | 9,639 | 91.4 | 89.9 | .41 | .42 | 120 | 117 |
| Alabama..... | — | 122 | — | 81.1 | — | .39 | — | 122 |
| Illinois..... | 434 | 880 | 90.3 | 59.8 | .37 | .38 | 179 | 171 |
| Kentucky..... | — | 132 | — | 92.4 | — | .54 | — | 134 |
| Nevada..... | 1,446 | 1,070 | 80.9 | 84.8 | .37 | .41 | 161 | 155 |
| Tennessee..... | 722 | 654 | 46.1 | 96.5 | .48 | .47 | 124 | 122 |
| Utah..... | 6,739 | 6,729 | 98.6 | 94.9 | .42 | .42 | 107 | 103 |
| Wisconsin..... | — | 52 | — | — | — | .45 | — | 165 |
| Virginia | 8,063 | 7,382 | 79.8 | 82.0 | .76 | .85 | 145 | 147 |
| Connecticut..... | — | 4 | — | 100.0 | — | .52 | — | 184 |
| Delaware..... | 65 | 76 | 100.0 | 88.3 | .61 | .67 | 175 | 158 |
| Florida..... | 407 | 454 | 97.8 | 96.0 | .63 | .67 | 209 | 210 |
| Georgia..... | 1,856 | 963 | 60.0 | 75.7 | .68 | .73 | 153 | 161 |
| Indiana..... | 443 | 426 | 100.0 | 100.0 | .54 | .54 | 159 | 157 |
| New Jersey..... | 410 | 482 | 98.8 | 94.1 | .53 | .57 | 156 | 179 |
| North Carolina..... | 143 | 161 | .1 | — | .76 | .91 | 134 | 131 |
| Ohio..... | 289 | 183 | 100.0 | 100.0 | .55 | .60 | 126 | 126 |
| South Carolina..... | 546 | 555 | 100.0 | 95.6 | 1.01 | 1.10 | 150 | 153 |
| Tennessee..... | 779 | 1,003 | 96.5 | 79.0 | 1.23 | 1.39 | 129 | 126 |
| Virginia..... | 3,126 | 3,077 | 77.5 | 79.0 | .76 | .79 | 134 | 135 |
| Washington | 2,080 | 1,747 | 100.0 | 100.0 | .79 | .77 | 164 | 198 |
| Washington..... | 2,080 | 1,747 | 100.0 | 100.0 | .79 | .77 | 164 | 198 |
| West Virginia | 52,823 | 52,563 | 80.5 | 81.5 | 1.24 | 1.20 | 140 | 141 |
| Alabama..... | 1,061 | 1,797 | 51.7 | 63.4 | 1.57 | 1.36 | 132 | 129 |
| Connecticut..... | 64 | 139 | 76.6 | 79.9 | .46 | .48 | 181 | 190 |
| Delaware..... | 315 | 537 | 96.8 | 82.8 | .55 | .55 | 163 | 170 |
| Florida..... | 1,018 | 1,351 | 44.0 | 49.2 | 1.36 | 1.17 | 164 | 168 |
| Georgia..... | 2,358 | 2,162 | 76.5 | 77.8 | .60 | .57 | 182 | 184 |
| Illinois..... | — | 7 | — | — | — | .57 | — | 146 |
| Indiana..... | 900 | 538 | 53.7 | 57.8 | .86 | .95 | 119 | 142 |
| Iowa..... | 1 | 1 | — | — | 2.08 | 2.08 | 164 | 153 |
| Kentucky..... | 3,118 | 3,582 | 72.8 | 66.5 | 1.41 | 1.32 | 111 | 112 |
| Maryland..... | 3,372 | 3,680 | 91.2 | 77.3 | .80 | .82 | 142 | 150 |
| Massachusetts..... | 1,313 | 1,091 | 77.1 | 85.6 | .56 | .56 | 168 | 173 |
| Michigan..... | 2,475 | 2,579 | 54.5 | 71.9 | .93 | .88 | 152 | 155 |
| New Hampshire..... | 117 | 213 | 100.0 | 68.2 | 1.81 | 1.53 | 160 | 151 |
| New Jersey..... | 482 | 533 | 66.8 | 95.2 | 1.23 | 1.35 | 165 | 174 |
| New York..... | 1,581 | 2,083 | 88.2 | 92.1 | 1.56 | 1.52 | 137 | 136 |
| North Carolina..... | 5,693 | 4,982 | 87.4 | 88.2 | .65 | .62 | 149 | 148 |
| Ohio..... | 9,105 | 8,605 | 77.2 | 72.9 | .97 | .87 | 137 | 136 |
| Pennsylvania..... | 4,844 | 4,434 | 97.3 | 93.1 | 2.52 | 2.27 | 154 | 154 |
| South Carolina..... | 145 | 55 | 94.8 | — | .77 | 1.06 | 160 | 150 |
| Tennessee..... | 12 | — | — | — | .60 | — | 123 | — |
| Virginia..... | 1,346 | 1,304 | 69.3 | 92.7 | .66 | .73 | 144 | 143 |
| West Virginia..... | 13,501 | 12,879 | 85.5 | 92.3 | 1.54 | 1.57 | 125 | 128 |
| Wisconsin..... | — | 12 | — | — | — | .56 | — | 145 |
| Wyoming | 148,150 | 132,441 | 82.8 | 87.9 | .39 | .40 | 112 | 118 |
| Alabama..... | 2,823 | 2,206 | 99.5 | 98.9 | .31 | .29 | 119 | 112 |
| Arizona..... | 195 | — | — | — | .29 | — | 117 | — |
| Arkansas..... | 6,580 | 5,865 | 89.6 | 93.2 | .38 | .38 | 149 | 169 |
| Colorado..... | 3,355 | 2,841 | 93.4 | 91.6 | .34 | .32 | 88 | 89 |
| Florida..... | 478 | 520 | — | — | .46 | .51 | 136 | 143 |
| Georgia..... | 2,790 | 2,640 | — | — | .41 | .45 | 150 | 150 |
| Illinois..... | 9,923 | 10,469 | 88.3 | 90.3 | .33 | .38 | 186 | 194 |
| Indiana..... | 9,054 | 8,483 | 85.1 | 87.1 | .34 | .34 | 113 | 113 |
| Iowa..... | 9,523 | 7,944 | 76.3 | 82.5 | .44 | .44 | 87 | 90 |
| Kansas..... | 8,474 | 6,789 | 99.1 | 99.2 | .40 | .43 | 96 | 103 |
| Kentucky..... | 94 | 212 | 23.9 | 79.6 | .32 | .56 | 94 | 119 |
| Louisiana..... | 4,809 | 4,689 | 100.0 | 100.0 | .52 | .54 | 144 | 155 |
| Michigan..... | 5,145 | 4,733 | 86.5 | 84.6 | .35 | .33 | 99 | 107 |
| Minnesota..... | 4,014 | 3,902 | 99.0 | 100.0 | .28 | .29 | 110 | 112 |
| Mississippi..... | 231 | 116 | — | — | .48 | .53 | 133 | 136 |

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997 (Continued)

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|----------------|--------------------------------|--------------|---|-------------|-----------------------------|------------|
| | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 | 1998 | 1997 |
| Wyoming | | | | | | | | |
| Missouri..... | 17,759 | 14,510 | 63.8 | 85.3 | 0.31 | 0.33 | 88 | 90 |
| Montana..... | 53 | 200 | 100.0 | 100.0 | .29 | .28 | 62 | 49 |
| Nebraska..... | 5,858 | 5,349 | 80.4 | 75.2 | .32 | .36 | 59 | 60 |
| Nevada..... | - | 17 | - | - | - | .48 | - | 95 |
| North Carolina..... | - | 40 | - | - | - | .56 | - | 179 |
| North Dakota..... | - | 107 | - | - | - | .52 | - | 65 |
| Ohio..... | 851 | 438 | 16.9 | 49.8 | .36 | .26 | 120 | 124 |
| Oklahoma..... | 10,114 | 9,324 | 98.6 | 99.9 | .32 | .33 | 92 | 93 |
| Oregon..... | 965 | 135 | - | - | .37 | .25 | 109 | 114 |
| Tennessee..... | 1,357 | 712 | 88.0 | 61.9 | .38 | .40 | 91 | 92 |
| Texas..... | 22,061 | 20,466 | 85.6 | 89.4 | .42 | .42 | 149 | 152 |
| Utah..... | - | 22 | - | - | - | .27 | - | 128 |
| Wisconsin..... | 8,938 | 8,599 | 83.2 | 90.0 | .35 | .37 | 96 | 97 |
| Wyoming..... | 12,705 | 11,111 | 92.6 | 95.9 | .61 | .61 | 75 | 81 |
| Imported Coal..... | 2,676 | 1,863 | 68.7 | 87.6 | .52 | .58 | 157 | 159 |
| Canada..... | - | 4 | - | - | - | .36 | - | 172 |
| Washington..... | - | 4 | - | - | - | .36 | - | 172 |
| Colombia..... | 1,204 | 1,076 | 89.5 | 100.0 | .51 | .57 | 157 | 157 |
| Florida..... | 700 | 565 | 93.8 | 100.0 | .53 | .60 | 148 | 152 |
| Massachusetts..... | 387 | 511 | 100.0 | 100.0 | .51 | .53 | 166 | 163 |
| New Hampshire..... | 35 | - | - | - | .49 | - | 173 | - |
| New York..... | 35 | - | 100.0 | - | .47 | - | 170 | - |
| Texas..... | 48 | - | - | - | .41 | - | 194 | - |
| Venezuela..... | 1,174 | 496 | 45.5 | 54.3 | .57 | .68 | 156 | 162 |
| Connecticut..... | 36 | - | - | - | .42 | - | 162 | - |
| Florida..... | 193 | - | - | - | .60 | - | 156 | - |
| Georgia..... | 150 | 99 | - | - | .88 | 1.34 | 150 | 138 |
| Massachusetts..... | 307 | 112 | 100.0 | 100.0 | .51 | .56 | 153 | 163 |
| Mississippi..... | 65 | - | - | - | .60 | - | 141 | - |
| New Hampshire..... | 148 | 127 | - | - | .51 | .57 | 147 | 162 |
| New Jersey..... | 39 | - | - | - | .52 | - | 155 | - |
| New York..... | 227 | 158 | 100.0 | 100.0 | .47 | .49 | 170 | 174 |
| Texas..... | 9 | - | - | - | .54 | - | 186 | - |
| Indonesia..... | 297 | 287 | 75.4 | 100.0 | .26 | .38 | 159 | 162 |
| Florida..... | 297 | 287 | 75.4 | 100.0 | .26 | .38 | 159 | 162 |
| U.S. Total..... | 452,348 | 428,751 | 81.3 | 82.8 | 1.06 | 1.08 | 126 | 129 |

* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

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

| Census Division | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|--------------------------------|-------------------------|----------------------------|-------------------------|---------------|---------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Middle Atlantic Total | 2,122 | 2,605 | 2,677 | 4,727 | 5,688 | -16.9 |
| East North Central Total | 2,909 | 2,661 | 2,619 | 5,570 | 5,043 | 10.4 |
| South Atlantic Total | w | w | w | w | w | w |
| East South Central Total | 946 | 982 | 1,076 | 1,929 | 2,196 | -12.2 |
| Mountain Total | w | w | w | w | w | w |
| U.S. Total | 6,972 | 7,103 | 7,080 | 14,075 | 14,409 | -2.3 |

^w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 31. Average Price of Coal Receipts at Coke Plants by Census Division
(Dollars per Short Tons)

| Census Division | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|--------------------------------|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Middle Atlantic Total | \$43.93 | \$45.60 | \$47.36 | \$44.85 | \$47.61 | -5.8 |
| East North Central Total | 48.87 | 48.51 | 50.10 | 48.70 | 50.24 | -3.1 |
| South Atlantic Total | w | w | w | w | w | w |
| East South Central Total | \$47.05 | \$47.73 | \$47.66 | \$47.40 | \$47.72 | -7 |
| Mountain Total | w | w | w | w | w | w |
| U.S. Total | \$46.05 | \$46.62 | \$48.24 | \$46.34 | \$48.20 | -3.9 |

¹ Based on the cost including insurance and freight (c.i.f. cost).

^w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 32. Coal Receipts at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------------|----------------------------|-------------------------|---------------|---------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | w | 72 | 64 | w | 113 | w |
| Connecticut..... | - | - | - | - | - | - |
| Maine..... | w | w | w | w | w | w |
| Massachusetts..... | w | w | w | w | w | w |
| New Hampshire..... | 50 | - | - | 50 | - | - |
| Rhode Island..... | - | - | - | - | - | - |
| Vermont..... | 27 | 27 | - | 54 | - | - |
| Middle Atlantic Total | 1,442 | w | w | 2,794 | w | w |
| New Jersey..... | w | w | w | w | w | w |
| New York..... | w | 285 | 369 | w | 643 | w |
| Pennsylvania..... | 1,046 | 1,064 | 1,099 | 2,110 | 2,136 | -1.2 |
| East North Central Total | 3,858 | 3,838 | 4,208 | 7,695 | 8,244 | -6.7 |
| Illinois..... | 984 | 1,027 | 938 | 2,011 | 1,935 | 3.9 |
| Indiana..... | 1,143 | 1,145 | 1,278 | 2,288 | 2,469 | -7.3 |
| Michigan..... | 468 | 290 | 605 | 758 | 976 | -22.4 |
| Ohio..... | 891 | 1,020 | 939 | 1,911 | 2,052 | -6.9 |
| Wisconsin..... | 372 | 355 | 448 | 727 | 812 | -10.5 |
| West North Central Total | 3,287 | 3,016 | 3,132 | 6,302 | 6,247 | .9 |
| Iowa..... | 865 | 581 | 756 | 1,445 | 1,368 | 5.7 |
| Kansas..... | 28 | 32 | 33 | 60 | 70 | -15.1 |
| Minnesota..... | 397 | 343 | 323 | 740 | 685 | 8.1 |
| Missouri..... | 287 | 294 | 296 | 581 | 628 | -7.5 |
| Nebraska..... | w | w | w | w | w | w |
| North Dakota..... | w | w | w | w | w | w |
| South Dakota..... | 112 | 98 | 107 | 210 | 213 | -1.5 |
| South Atlantic Total | w | w | w | w | w | w |
| Delaware..... | w | w | w | w | w | w |
| District of Columbia..... | - | - | - | - | - | - |
| Florida..... | 356 | 333 | 342 | 689 | 678 | 1.6 |
| Georgia..... | 476 | 562 | 474 | 1,038 | 1,014 | 2.5 |
| Maryland..... | 174 | 190 | 197 | 365 | 390 | -6.6 |
| North Carolina..... | 496 | 563 | 520 | 1,060 | 1,169 | -9.3 |
| South Carolina..... | 499 | 482 | 481 | 981 | 1,018 | -3.6 |
| Virginia..... | 537 | 642 | 638 | 1,179 | 1,329 | -11.3 |
| West Virginia..... | 370 | 413 | 391 | 783 | 815 | -3.9 |
| East South Central Total | w | w | w | w | w | w |
| Alabama..... | 655 | 710 | 659 | 1,365 | 1,306 | 4.5 |
| Kentucky..... | 449 | 497 | 587 | 945 | 1,162 | -18.6 |
| Mississippi..... | w | w | w | w | w | w |
| Tennessee..... | 917 | 963 | 900 | 1,880 | 1,846 | 1.8 |
| West South Central Total | 1,522 | 1,476 | 1,361 | 2,999 | 2,808 | 6.8 |
| Arkansas..... | 73 | 70 | 75 | 142 | 167 | -15.1 |
| Louisiana..... | w | w | w | w | w | w |
| Oklahoma..... | w | w | w | w | w | w |
| Texas..... | 1,250 | 1,167 | 1,109 | 2,418 | 2,259 | 7.0 |
| Mountain Total | 1,204 | 1,218 | 1,165 | 2,422 | 2,334 | 3.8 |
| Arizona..... | 195 | 174 | 151 | 368 | 339 | 8.6 |
| Colorado..... | 158 | 180 | 195 | 338 | 386 | -12.5 |
| Idaho..... | 67 | w | w | 175 | w | w |
| Montana..... | w | w | w | w | w | w |
| Nevada..... | w | w | w | w | w | w |
| New Mexico..... | w | w | w | w | w | w |
| Utah..... | 249 | 139 | 198 | 388 | 262 | 48.2 |
| Wyoming..... | 454 | 523 | 478 | 977 | 967 | 1.1 |
| Pacific Total | 2,171 | 807 | 599 | 2,978 | 1,189 | 150.4 |
| Alaska..... | w | w | w | w | w | w |
| California..... | 677 | 692 | 522 | 1,369 | 996 | 37.4 |
| Hawaii..... | w | w | w | w | w | w |
| Oregon..... | w | w | w | w | w | w |
| Washington..... | w | 14 | 44 | w | 91 | w |
| U.S. Total | 18,614 | 17,213 | 17,280 | 35,827 | 34,632 | 3.5 |

^w Withheld to avoid disclosure of individual company data.

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

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption-Manufacturing Plants;" Form EIA-867, "Annual Nonutility Power Producer Report;" and Form EIA-7A, "Coal Production Report."

Table 33. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State
(Dollars per Short Ton)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|----------------------|-------------------------|----------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | w | \$64.83 | \$59.29 | w | \$62.04 | w |
| Connecticut..... | - | - | - | - | - | - |
| Maine..... | w | w | w | w | w | w |
| Massachusetts..... | w | w | w | w | w | w |
| New Hampshire..... | - | - | - | - | - | - |
| Rhode Island..... | - | - | - | - | - | - |
| Vermont..... | - | - | - | - | - | - |
| Middle Atlantic Total | \$35.70 | w | w | \$35.49 | w | w |
| New Jersey..... | w | w | w | w | w | w |
| New York..... | w | \$40.80 | \$41.24 | w | \$41.04 | w |
| Pennsylvania..... | \$33.52 | 33.98 | 33.69 | \$33.75 | 34.48 | -2.1 |
| East North Central Total | 32.54 | 32.80 | 33.04 | 32.67 | 33.04 | -1.1 |
| Illinois..... | 29.05 | 29.19 | 29.52 | 29.12 | 29.51 | -1.3 |
| Indiana..... | 30.03 | 30.12 | 28.85 | 30.08 | 29.01 | 3.7 |
| Michigan..... | 40.01 | 42.30 | 40.73 | 40.86 | 41.54 | -1.6 |
| Ohio..... | 32.68 | 34.19 | 34.52 | 33.49 | 34.55 | -3.1 |
| Wisconsin..... | 40.08 | 40.73 | 39.43 | 40.40 | 40.31 | .2 |
| West North Central Total | 19.09 | 18.45 | 19.03 | 18.78 | 18.93 | -0.8 |
| Iowa..... | 29.41 | 24.99 | 30.18 | 27.68 | 28.03 | -1.2 |
| Kansas..... | 29.05 | 30.77 | 32.23 | 29.97 | 32.97 | -9.1 |
| Minnesota..... | 29.31 | 34.84 | 31.40 | 31.78 | 32.80 | -3.1 |
| Missouri..... | 30.49 | 31.97 | 30.10 | 31.24 | 30.45 | 2.6 |
| Nebraska..... | w | w | w | w | w | w |
| North Dakota..... | w | w | w | w | w | w |
| South Dakota..... | \$23.17 | \$24.99 | \$23.20 | \$24.02 | \$23.66 | 1.5 |
| South Atlantic Total | w | w | w | w | w | w |
| Delaware..... | w | w | w | w | w | w |
| District of Columbia..... | - | - | - | - | - | - |
| Florida..... | \$45.02 | \$44.69 | \$45.61 | \$44.86 | \$45.35 | -1.1 |
| Georgia..... | 44.31 | 44.42 | 44.99 | 44.37 | 45.00 | -1.4 |
| Maryland..... | 33.29 | 32.70 | 32.15 | 32.98 | 32.57 | 1.2 |
| North Carolina..... | 42.16 | 43.46 | 42.84 | 42.85 | 43.18 | -0.8 |
| South Carolina..... | 44.04 | 44.71 | 44.30 | 44.37 | 44.23 | .3 |
| Virginia..... | 44.39 | 44.01 | 43.62 | 44.18 | 44.03 | .4 |
| West Virginia..... | 48.55 | 46.37 | 34.17 | 47.39 | 33.97 | 39.5 |
| East South Central Total | w | w | w | w | w | w |
| Alabama..... | \$37.53 | \$40.59 | \$39.91 | \$39.13 | \$40.16 | -2.6 |
| Kentucky..... | 44.64 | 43.75 | 44.67 | 44.16 | 44.79 | -1.4 |
| Mississippi..... | w | w | w | w | w | w |
| Tennessee..... | \$36.16 | \$37.27 | \$36.15 | \$36.73 | \$36.17 | 1.6 |
| West South Central Total | 22.46 | 22.53 | 22.62 | 22.50 | 22.91 | -1.8 |
| Arkansas..... | 41.27 | 41.34 | 43.49 | 41.30 | 43.49 | -5.0 |
| Louisiana..... | w | w | w | w | w | w |
| Oklahoma..... | w | w | w | w | w | w |
| Texas..... | \$20.76 | \$20.41 | \$20.15 | \$20.59 | \$20.06 | 2.6 |
| Mountain Total | 27.17 | 27.47 | 26.54 | 27.32 | 27.02 | 1.1 |
| Arizona..... | 39.59 | 38.18 | 40.16 | 38.93 | 39.44 | -1.3 |
| Colorado..... | 25.51 | 25.04 | 25.00 | 25.26 | 24.87 | 1.6 |
| Idaho..... | 35.56 | w | w | 34.03 | w | w |
| Montana..... | w | w | w | w | w | w |
| Nevada..... | w | w | w | w | w | w |
| New Mexico..... | w | w | w | w | w | w |
| Utah..... | \$17.96 | \$20.04 | \$18.34 | \$18.60 | \$19.68 | -5.5 |
| Wyoming..... | 23.99 | 24.25 | 23.93 | 24.13 | 23.25 | 3.8 |
| Pacific Total | 40.06 | 46.07 | 43.26 | 43.38 | 43.29 | .2 |
| Alaska..... | w | w | w | w | w | w |
| California..... | \$39.86 | \$42.86 | \$40.61 | \$41.38 | \$40.05 | 3.3 |
| Hawaii..... | w | w | w | w | w | w |
| Oregon..... | w | w | w | w | w | w |
| Washington..... | w | \$99.91 | \$55.87 | w | \$54.50 | w |
| U.S. Total | \$31.88 | 32.77 | 32.29 | \$32.32 | 32.45 | -0.4 |

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.

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

Table 34. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|--|-------------------|----------------------|-------------------|---------------|---------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| 311 Food Manufacturing..... | 1,905 | 2,088 | 1,772 | 3,993 | 3,837 | 4.1 |
| 312 Beverage and Tobacco Product Mfg..... | 126 | 140 | 127 | 266 | 291 | -8.5 |
| 313 Textile Mills..... | 206 | 263 | 240 | 469 | 506 | -7.4 |
| 315 Apparel Manufacturing..... | w | w | w | w | w | w |
| 316 Leather and Allied Product Mfg..... | - | w | w | - | w | - |
| 321 Wood Product Manufacturing..... | w | w | w | w | w | w |
| 322 Paper Manufacturing..... | 2,897 | 3,262 | 3,093 | 6,159 | 6,479 | -4.9 |
| 323 Printing and Related Support..... | - | - | - | - | - | - |
| 324 Petroleum and Coal Products ¹ | w | 1,633 | 1,666 | w | 3,305 | w |
| 325 Chemicals Manufacturing..... | 3,013 | 3,164 | 3,149 | 6,177 | 6,480 | -4.7 |
| 326 Plastics and Rubber Products Mfg..... | 43 | 51 | 41 | 94 | 109 | -13.4 |
| 327 Nonmetallic Mineral Products Mfg..... | w | w | w | w | w | w |
| 331 Primary Metal Manufacturing ² | w | 1,914 | 2,240 | w | 4,032 | w |
| 332 Fabricated Metal Product Mfg..... | 39 | 81 | 52 | 120 | 161 | -25.6 |
| 333 Machinery Manufacturing..... | 50 | 91 | 56 | 141 | 146 | -3.2 |
| 334 Computer and Electronic Product Mfg..... | w | w | w | w | w | w |
| 335 Elec. Equip., Appl., Components Mfg..... | w | w | w | w | w | w |
| 336 Transportation Equipment Mfg..... | 117 | 242 | 177 | 358 | 507 | -29.2 |
| 337 Furniture and Related Product Mfg..... | w | w | w | w | w | w |
| 339 Miscellaneous Manufacturing..... | w | w | w | w | w | w |
| U.S. Total..... | 15,885 | 16,010 | 16,284 | 31,895 | 32,606 | -2.2 |

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 Report - Manufacturing Plants."

Table 35. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Dollars per Short Ton)

| NAICS Code | April - June 1998 | January - March 1998 | April - June 1997 | Percent Difference April - June: 1998 versus 1997 |
|--|-------------------|----------------------|-------------------|---|
| 311 Food Manufacturing..... | \$28.92 | \$29.58 | \$30.35 | -4.7 |
| 312 Beverage and Tobacco Product Mfg..... | 46.49 | 46.27 | 45.97 | 1.1 |
| 313 Textile Mills..... | 47.97 | 47.53 | 47.73 | .5 |
| 315 Apparel Manufacturing..... | w | w | w | w |
| 316 Leather and Allied Product Mfg..... | - | w | w | - |
| 321 Wood Product Manufacturing..... | w | w | w | w |
| 322 Paper Manufacturing..... | \$39.39 | \$39.57 | \$39.67 | -7 |
| 323 Printing and Related Support..... | - | - | - | - |
| 324 Petroleum and Coal Products ¹ | w | 12.20 | 11.45 | w |
| 325 Chemicals Manufacturing..... | \$36.42 | 35.85 | 34.87 | 4.4 |
| 326 Plastics and Rubber Products Mfg..... | 31.46 | 32.71 | 27.63 | 13.9 |
| 327 Nonmetallic Mineral Products Mfg..... | w | w | w | w |
| 331 Primary Metal Manufacturing ² | w | \$25.76 | \$25.93 | w |
| 332 Fabricated Metal Product Mfg..... | \$45.90 | 47.14 | 46.24 | -7 |
| 333 Machinery Manufacturing..... | 39.23 | 39.07 | 37.47 | 4.7 |
| 334 Computer and Electronic Product Mfg..... | w | w | w | w |
| 335 Elec. Equip., Appl., Components Mfg..... | w | w | w | w |
| 336 Transportation Equipment Mfg..... | \$38.89 | \$41.66 | \$41.86 | -7.1 |
| 337 Furniture and Related Product Mfg..... | w | w | w | w |
| 339 Miscellaneous Manufacturing..... | w | w | w | w |
| U.S. Total..... | \$31.88 | \$32.77 | \$32.29 | -1.3 |

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 Report - Manufacturing Plants."

Table 36. Coal Receipts by the Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------------|----------------------------|-------------------------|--------------|--------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | 10 | 15 | 10 | 26 | 26 | 0.0 |
| Connecticut | w | w | w | w | w | w |
| Maine | w | w | w | w | w | w |
| Massachusetts | w | w | w | w | w | w |
| New Hampshire | w | w | w | w | w | w |
| Rhode Island | w | w | w | w | w | w |
| Vermont | w | w | w | w | w | w |
| Middle Atlantic Total | 301 | 451 | 301 | 752 | 752 | .0 |
| New Jersey..... | w | w | w | w | w | w |
| New York..... | w | w | w | w | w | w |
| Pennsylvania..... | 249 | 373 | 249 | 622 | 622 | .0 |
| East North Central Total | 274 | 411 | 274 | 685 | 685 | .0 |
| Illinois..... | w | w | w | w | w | w |
| Indiana..... | 79 | 119 | 79 | 198 | 198 | .0 |
| Michigan..... | w | w | w | w | w | w |
| Ohio..... | 66 | 99 | 66 | 164 | 164 | .0 |
| Wisconsin..... | w | w | w | w | w | w |
| West North Central Total | w | w | w | w | w | w |
| Iowa..... | 75 | 112 | 75 | 187 | 187 | .0 |
| Kansas..... | * | 1 | * | 1 | 1 | .0 |
| Minnesota..... | 21 | 32 | 21 | 53 | 53 | .0 |
| Missouri..... | w | w | w | w | w | w |
| Nebraska..... | w | w | w | w | w | w |
| North Dakota..... | w | w | w | w | w | w |
| South Dakota..... | w | w | w | w | w | w |
| South Atlantic Total | 120 | 180 | 120 | 299 | 299 | .0 |
| Delaware..... | w | w | w | w | w | w |
| District of Columbia..... | 8 | 12 | 8 | 20 | 20 | .0 |
| Florida..... | - | - | - | - | - | - |
| Georgia..... | 3 | 5 | 3 | 8 | 8 | .0 |
| Maryland..... | w | w | w | w | w | w |
| North Carolina..... | 38 | 58 | 38 | 96 | 96 | .0 |
| South Carolina..... | * | * | * | * | * | .0 |
| Virginia..... | w | w | w | w | w | w |
| West Virginia..... | w | w | w | w | w | w |
| East South Central Total | 111 | 167 | 111 | 279 | 279 | .0 |
| Alabama..... | 15 | 22 | 15 | 36 | 36 | .0 |
| Kentucky..... | w | w | w | w | w | w |
| Mississippi..... | w | w | w | w | w | w |
| Tennessee..... | w | w | w | w | w | w |
| West South Central Total | 58 | 87 | 58 | 145 | 145 | .0 |
| Arkansas..... | * | * | * | * | * | .0 |
| Louisiana..... | w | w | w | w | w | w |
| Oklahoma..... | w | w | w | w | w | w |
| Texas..... | * | * | * | * | * | .0 |
| Mountain Total | w | w | w | w | w | w |
| Arizona..... | * | * | * | * | * | .0 |
| Colorado..... | 13 | 19 | 13 | 32 | 32 | .0 |
| Idaho..... | 6 | 9 | 6 | 15 | 15 | .0 |
| Montana..... | w | w | w | w | w | w |
| Nevada..... | w | w | w | w | w | w |
| New Mexico..... | w | w | w | w | w | w |
| Utah..... | w | w | w | w | w | w |
| Wyoming..... | 28 | 42 | 28 | 70 | 70 | .0 |
| Pacific Total | 127 | 190 | 127 | 317 | 317 | .0 |
| Alaska..... | 101 | 151 | 101 | 251 | 251 | .0 |
| California..... | 22 | 33 | 22 | 54 | 54 | .0 |
| Hawaii..... | - | - | - | - | - | - |
| Oregon..... | * | * | * | * | * | .0 |
| Washington..... | 4 | 6 | 4 | 11 | 11 | .0 |
| U.S. Total | 1,293 | 1,939 | 1,293 | 3,232 | 3,232 | .0 |

* Rounded to zero.

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-6, "Coal Distribution Report."

Consumption

Table 37. U.S. Coal Consumption by End-Use Sector 1992-1998

(Thousand Short Tons)

| Year and Quarter | Electric Utilities | Coke Plants | Other Industrial | Residential and Commercial | Other Power Producers | Total |
|-------------------------|--------------------|---------------|------------------|----------------------------|----------------------------|-------------------------------|
| 1992 | | | | | | |
| January - March..... | 191,151 | 8,340 | 19,260 | 1,843 | — | 220,594 |
| April - June..... | 183,507 | 8,097 | 17,284 | 1,149 | — | 210,037 |
| July - September..... | 210,419 | 8,200 | 17,843 | 1,236 | — | 237,698 |
| October - December..... | 194,783 | 7,729 | 19,656 | 1,925 | — | 224,093 |
| Total..... | 779,860 | 32,366 | 74,042 | 6,153 | 15,234 | 907,655 |
| 1993 | | | | | | |
| January - March..... | 200,285 | 7,783 | 19,281 | 1,817 | — | 229,165 |
| April - June..... | 187,746 | 7,886 | 17,834 | 1,354 | — | 214,820 |
| July - September..... | 223,142 | 7,960 | 17,675 | 1,094 | — | 249,872 |
| October - December..... | 202,335 | 7,694 | 20,102 | 1,956 | — | 232,087 |
| Total..... | 813,508 | 31,323 | 74,892 | 6,221 | 18,137 | 944,081 |
| 1994 | | | | | | |
| January - March..... | 207,915 | 7,754 | 19,911 | 2,016 | — | 237,596 |
| April - June..... | 196,254 | 7,965 | 17,739 | 1,187 | — | 223,145 |
| July - September..... | 218,616 | 7,945 | 18,123 | 1,135 | — | 245,820 |
| October - December..... | 194,484 | 8,077 | 19,405 | 1,674 | — | 223,640 |
| Total..... | 817,270 | 31,740 | 75,179 | 6,013 | 21,260 | 951,461 |
| 1995 | | | | | | |
| January - March..... | 198,782 | 8,140 | 19,135 | 1,638 | — | 227,695 |
| April - June..... | 191,107 | 8,291 | 17,066 | 1,032 | — | 217,496 |
| July - September..... | 232,033 | 8,330 | 17,990 | 1,063 | — | 259,415 |
| October - December..... | 207,085 | 8,251 | 18,864 | 2,074 | — | 236,274 |
| Total..... | 829,007 | 33,011 | 73,055 | 5,807 | 21,158 | 962,039 |
| 1996 | | | | | | |
| January - March..... | 214,987 | 7,958 | 18,612 | 1,802 | — | 243,360 |
| April - June..... | 203,210 | 7,965 | 16,888 | 1,201 | — | 229,264 |
| July - September..... | 233,609 | 8,016 | 16,831 | 1,201 | — | 259,657 |
| October - December..... | 222,875 | 7,767 | 18,610 | 1,802 | — | 251,053 |
| Total..... | 874,681 | 31,706 | 70,941 | 6,006 | 22,239 | 1,005,573 |
| 1997 | | | | | | |
| January - March..... | 218,753 | 7,590 | 18,351 | 1,939 | — | 246,633 |
| April - June..... | 207,661 | 7,410 | 17,099 | 1,293 | — | 233,463 |
| July - September..... | 243,691 | 7,700 | 16,781 | 1,293 | — | 269,464 |
| October - December..... | 230,256 | 7,503 | 18,368 | 1,939 | — | 258,065 |
| Total..... | 900,361 | 30,203 | 70,599 | 6,463 | ^E 22,827 | ^E 1,030,453 |
| 1998 | | | | | | |
| January - March..... | 220,498 | 6,938 | 18,192 | 1,939 | — | 247,568 |
| April - June..... | 218,700 | 6,929 | 17,000 | 1,293 | — | 243,921 |
| Total..... | 439,198 | 13,867 | 35,192 | 3,232 | — | 491,488 |

^E Estimated.

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

Sources: Energy Information Administration (EIA) • Electric Utilities: Form EIA-759, "Monthly Power Plant Report" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Non-utility Power Producer Report;" and Form EIA-7A, "Coal Production Report." • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 38. Coal Consumption by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | 1,608 | 1,760 | 1,861 | 3,369 | 3,772 | -10.7 |
| Connecticut..... | 137 | 210 | 262 | 347 | 555 | -37.6 |
| Maine..... | 30 | 44 | 46 | 75 | 103 | -27.3 |
| Massachusetts..... | 1,062 | 1,127 | 1,133 | 2,189 | 2,266 | -3.4 |
| New Hampshire..... | 352 | 351 | 420 | 702 | 845 | -16.9 |
| Rhode Island..... | 1 | 1 | 1 | 1 | 1 | .0 |
| Vermont..... | 27 | 28 | 1 | 55 | 1 | NM |
| Middle Atlantic Total | 17,036 | 18,240 | 16,636 | 35,276 | 34,982 | .8 |
| New Jersey..... | 472 | 494 | 427 | 965 | 1,227 | -21.4 |
| New York..... | 2,986 | 3,050 | 2,609 | 6,036 | 5,476 | 10.2 |
| Pennsylvania..... | 13,578 | 14,696 | 13,600 | 28,274 | 28,279 | * |
| East North Central Total | 56,405 | 57,700 | 54,130 | 114,105 | 113,083 | .9 |
| Illinois..... | 10,437 | 10,697 | 11,160 | 21,133 | 22,973 | -8.0 |
| Indiana..... | 15,954 | 16,134 | 14,997 | 32,089 | 31,694 | 1.2 |
| Michigan..... | 9,032 | 9,117 | 8,283 | 18,148 | 17,262 | 5.1 |
| Ohio..... | 15,030 | 15,701 | 13,581 | 30,730 | 28,596 | 7.5 |
| Wisconsin..... | 5,953 | 6,051 | 6,108 | 12,004 | 12,558 | -4.4 |
| West North Central Total | 33,859 | 36,172 | 30,849 | 70,031 | 66,009 | 6.1 |
| Iowa..... | 5,460 | 5,845 | 4,490 | 11,305 | 10,150 | 11.4 |
| Kansas..... | 4,435 | 4,403 | 3,599 | 8,838 | 8,077 | 9.4 |
| Minnesota..... | 4,313 | 5,113 | 3,981 | 9,426 | 9,177 | 2.7 |
| Missouri..... | 9,358 | 9,291 | 8,746 | 18,649 | 17,522 | 6.4 |
| Nebraska..... | 2,942 | 2,842 | 2,878 | 5,785 | 5,812 | -5 |
| North Dakota..... | 6,712 | 8,058 | 6,536 | 14,770 | 14,079 | 4.9 |
| South Dakota..... | 639 | 620 | 619 | 1,259 | 1,192 | 5.6 |
| South Atlantic Total | 43,232 | 39,957 | 39,975 | 83,190 | 80,087 | 3.9 |
| Delaware..... | 489 | 398 | 445 | 888 | 930 | -4.5 |
| District of Columbia..... | 8 | 12 | 8 | 20 | 20 | .0 |
| Florida..... | 7,111 | 6,500 | 7,121 | 13,611 | 13,750 | -1.0 |
| Georgia..... | 8,493 | 6,817 | 7,651 | 15,310 | 14,620 | 4.7 |
| Maryland..... | 2,878 | 2,924 | 2,520 | 5,802 | 5,379 | 7.9 |
| North Carolina..... | 7,268 | 6,537 | 6,819 | 13,804 | 13,677 | .9 |
| South Carolina..... | 3,617 | 3,332 | 3,111 | 6,948 | 6,193 | 12.2 |
| Virginia..... | 3,823 | 4,005 | 3,614 | 7,827 | 7,379 | 6.1 |
| West Virginia..... | 9,545 | 9,434 | 8,687 | 18,979 | 18,139 | 4.6 |
| East South Central Total | 27,194 | 26,523 | 26,628 | 53,717 | 53,580 | .3 |
| Alabama..... | 8,955 | 8,193 | 8,529 | 17,148 | 16,789 | 2.1 |
| Kentucky..... | 9,722 | 10,074 | 10,140 | 19,796 | 20,478 | -3.3 |
| Mississippi..... | 1,759 | 1,290 | 1,418 | 3,049 | 2,799 | 8.9 |
| Tennessee..... | 6,758 | 6,966 | 6,541 | 13,725 | 13,514 | 1.6 |
| West South Central Total | 36,251 | 35,187 | 36,715 | 71,438 | 72,866 | -2.0 |
| Arkansas..... | 3,151 | 3,154 | 3,943 | 6,306 | 7,405 | -14.8 |
| Louisiana..... | 3,652 | 3,278 | 3,399 | 6,930 | 6,536 | 6.0 |
| Oklahoma..... | 5,132 | 5,260 | 4,997 | 10,391 | 10,235 | 1.5 |
| Texas..... | 24,317 | 23,495 | 24,376 | 47,811 | 48,689 | -1.8 |
| Mountain Total | 26,132 | 29,019 | 24,967 | 55,151 | 51,947 | 6.2 |
| Arizona..... | 4,266 | 4,283 | 4,155 | 8,549 | 8,097 | 5.6 |
| Colorado..... | 4,238 | 4,515 | 4,252 | 8,753 | 8,434 | 3.8 |
| Idaho..... | 34 | 146 | 15 | 180 | 165 | 9.0 |
| Montana..... | 2,339 | 2,696 | 1,761 | 5,035 | 4,017 | 25.3 |
| Nevada..... | 1,433 | 1,996 | 1,477 | 3,429 | 3,343 | 2.6 |
| New Mexico..... | 3,702 | 3,667 | 3,931 | 7,369 | 7,961 | -7.4 |
| Utah..... | 3,712 | 4,169 | 3,646 | 7,881 | 7,565 | 4.2 |
| Wyoming..... | 6,408 | 7,548 | 5,730 | 13,956 | 12,366 | 12.9 |
| Pacific Total | 2,203 | 3,009 | 1,702 | 5,212 | 3,771 | 38.2 |
| Alaska..... | 162 | 239 | 159 | 401 | 381 | 5.3 |
| California..... | 710 | 632 | 544 | 1,342 | 1,073 | 25.1 |
| Hawaii..... | 64 | 43 | 40 | 107 | 85 | 26.3 |
| Oregon..... | 225 | 559 | * | 784 | 80 | NM |
| Washington..... | 1,042 | 1,535 | 958 | 2,577 | 2,152 | 19.8 |
| U.S. Total | 243,921 | 247,568 | 233,463 | 491,488 | 480,096 | 2.4 |

* Rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Consumption data exclude coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. See Table 37 Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" Form EIA-5, "Coke Plant Report - Quarterly;" and Form EIA-6, "Coal Distribution Report."

Table 39. Coal Consumption at Electric Utility Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------|----------------------|-------------------|----------------|----------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | 1,533 | 1,666 | 1,798 | 3,199 | 3,626 | -11.8 |
| Connecticut | 135 | 208 | 260 | 343 | 552 | -37.8 |
| Maine | - | - | - | - | - | - |
| Massachusetts | 1,047 | 1,109 | 1,119 | 2,156 | 2,232 | -3.4 |
| New Hampshire | 351 | 349 | 419 | 700 | 842 | -17.0 |
| Rhode Island | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - |
| Middle Atlantic Total | 13,163 | 13,583 | 12,136 | 26,746 | 25,652 | 4.3 |
| New Jersey..... | 468 | 489 | 424 | 956 | 1,219 | -21.6 |
| New York | 2,238 | 2,248 | 1,866 | 4,485 | 3,961 | 13.2 |
| Pennsylvania | 10,458 | 10,847 | 9,846 | 21,305 | 20,471 | 4.1 |
| East North Central Total | 49,380 | 50,433 | 46,954 | 99,813 | 98,150 | 1.7 |
| Illinois | 8,807 | 8,949 | 9,562 | 17,756 | 19,671 | -9.7 |
| Indiana..... | 13,353 | 13,403 | 12,213 | 26,755 | 26,097 | 2.5 |
| Michigan | 8,108 | 8,415 | 7,405 | 16,523 | 15,295 | 8.0 |
| Ohio..... | 13,594 | 14,139 | 12,116 | 27,733 | 25,514 | 8.7 |
| Wisconsin..... | 5,518 | 5,527 | 5,660 | 11,045 | 11,572 | -4.6 |
| West North Central Total | 30,544 | 32,404 | 27,476 | 62,948 | 58,886 | 6.9 |
| Iowa..... | 4,653 | 4,971 | 3,652 | 9,625 | 8,380 | 14.8 |
| Kansas | 4,410 | 4,370 | 3,567 | 8,780 | 8,006 | 9.7 |
| Minnesota..... | 3,944 | 4,600 | 3,631 | 8,544 | 8,344 | 2.4 |
| Missouri | 9,002 | 8,887 | 8,394 | 17,889 | 16,780 | 6.6 |
| Nebraska | 2,865 | 2,730 | 2,789 | 5,595 | 5,615 | -3 |
| North Dakota | 5,144 | 6,327 | 4,922 | 11,471 | 10,772 | 6.5 |
| South Dakota | 526 | 519 | 522 | 1,045 | 989 | 5.6 |
| South Atlantic Total | 39,419 | 35,978 | 36,290 | 75,397 | 72,371 | 4.2 |
| Delaware | 440 | 374 | 416 | 814 | 850 | -4.2 |
| District of Columbia..... | - | - | - | - | - | - |
| Florida | 6,775 | 6,202 | 6,782 | 12,976 | 13,076 | -8 |
| Georgia..... | 7,997 | 6,264 | 7,154 | 14,260 | 13,589 | 4.9 |
| Maryland..... | 2,694 | 2,715 | 2,313 | 5,410 | 4,957 | 9.1 |
| North Carolina | 6,740 | 5,934 | 6,243 | 12,674 | 12,434 | 1.9 |
| South Carolina | 3,127 | 2,826 | 2,632 | 5,953 | 5,190 | 14.7 |
| Virginia | 2,969 | 3,041 | 2,693 | 6,010 | 5,480 | 9.7 |
| West Virginia..... | 8,678 | 8,622 | 8,055 | 17,300 | 16,795 | 3.0 |
| East South Central Total | 24,048 | 23,230 | 23,273 | 47,278 | 46,697 | 1.2 |
| Alabama | 7,650 | 6,869 | 7,105 | 14,520 | 13,923 | 4.3 |
| Kentucky | 8,828 | 9,128 | 9,161 | 17,956 | 18,468 | -2.8 |
| Mississippi | 1,714 | 1,225 | 1,366 | 2,939 | 2,685 | 9.5 |
| Tennessee..... | 5,855 | 6,008 | 5,641 | 11,863 | 11,621 | 2.1 |
| West South Central Total | 34,702 | 33,646 | 35,265 | 68,349 | 69,885 | -2.2 |
| Arkansas..... | 3,084 | 3,085 | 3,865 | 6,169 | 7,237 | -14.8 |
| Louisiana..... | 3,643 | 3,265 | 3,387 | 6,908 | 6,497 | 6.3 |
| Oklahoma..... | 4,881 | 4,991 | 4,745 | 9,872 | 9,716 | 1.6 |
| Texas | 23,095 | 22,305 | 23,268 | 45,400 | 46,434 | -2.2 |
| Mountain Total | 24,599 | 27,432 | 23,499 | 52,031 | 48,912 | 6.4 |
| Arizona..... | 4,085 | 4,120 | 4,005 | 8,205 | 7,761 | 5.7 |
| Colorado..... | 4,067 | 4,317 | 4,037 | 8,384 | 8,004 | 4.8 |
| Idaho | - | - | - | - | - | - |
| Montana | 2,312 | 2,641 | 1,722 | 4,953 | 3,905 | 26.8 |
| Nevada | 1,380 | 1,951 | 1,435 | 3,331 | 3,258 | 2.2 |
| New Mexico | 3,681 | 3,650 | 3,910 | 7,331 | 7,920 | -7.4 |
| Utah..... | 3,164 | 3,738 | 3,165 | 6,902 | 6,726 | 2.6 |
| Wyoming..... | 5,909 | 7,015 | 5,225 | 12,924 | 11,338 | 14.0 |
| Pacific Total | 1,310 | 2,127 | 969 | 3,437 | 2,235 | 53.8 |
| Alaska | 61 | 88 | 58 | 149 | 128 | 16.1 |
| California | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - |
| Oregon..... | 225 | 522 | - | 747 | 50 | NM |
| Washington..... | 1,024 | 1,516 | 910 | 2,541 | 2,057 | 23.5 |
| U.S. Total | 218,700 | 220,498 | 207,661 | 439,198 | 426,414 | 3.0 |

NM Percent change calculation not meaningful as value is greater than 500.
 Note: Total may not equal sum of components because of independent rounding.
 Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 40. Change in Electric Utility Net Generation by State and Census Division, April-June 1998, 1997
(Million Kilowatthours)

| Census Division and State | Total | | Coal | | Oil | | Gas | | Hydro | | Nuclear | |
|------------------------------------|---------------|----------------|---------------|----------------|--------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
| | Net Change | Percent Change | Net Change | Percent Change | Net Change | Percent Change | Net Change | Percent Change | Net Change | Percent Change | Net Change | Percent Change |
| New England | 1,154 | 7 | 632 | 18 | -609 | -24 | -1,096 | -39 | 654 | 82 | 1,563 | 25 |
| Connecticut..... | -2,271 | -43 | 163 | 36 | -197 | -21 | -424 | -71 | 83 | 189 | -1,922 | -61 |
| Maine..... | 1,639 | 246 | - | - | -175 | -75 | - | - | 101 | 23 | 1,713 | - |
| Massachusetts..... | 90 | 2 | 303 | 13 | -39 | -4 | -1,334 | -62 | 163 | -207 | 996 | 317 |
| New Hampshire | 530 | 15 | 166 | 23 | -193 | -71 | -81 | -100 | 292 | 136 | 346 | 16 |
| Rhode Island | 741 | NM | * | - | -3 | -100 | 743 | NM | * | - | - | - |
| Vermont..... | 425 | 46 | - | - | -2 | -79 | * | - | 14 | 7 | 430 | 61 |
| Middle Atlantic | 2,336 | 3 | 1,009 | 4 | -60 | -4 | -3,115 | -43 | 1,128 | 20 | 3,368 | 12 |
| New Jersey | -2,881 | -36 | -22 | -2 | 17 | 40 | -32 | -5 | 7 | -20 | -2,851 | -45 |
| New York..... | 2,758 | 13 | -177 | -4 | -296 | -22 | -2,710 | -45 | 836 | 15 | 5,098 | 118 |
| Pennsylvania..... | 2,458 | 6 | 1,208 | 5 | 218 | 76 | -373 | -75 | 285 | 146 | 1,121 | 7 |
| East North Central | -526 | * | 3,384 | 4 | 55 | 14 | 140 | 14 | -56 | -5 | -4,071 | -12 |
| Illinois..... | -1,008 | -3 | 1,952 | 13 | 35 | 26 | 145 | 30 | -11 | -90 | -3,136 | -16 |
| Indiana..... | 1,098 | 5 | 1,104 | 5 | 2 | 5 | 20 | 18 | -28 | -22 | - | - |
| Michigan..... | -861 | -4 | -1,058 | -7 | 24 | 19 | -48 | -23 | -18 | -7 | 240 | 4 |
| Ohio..... | 60 | * | 1,677 | 6 | 3 | 5 | 2 | 4 | 17 | 25 | -1,640 | -40 |
| Wisconsin..... | 185 | 2 | -292 | -3 | -9 | -30 | 21 | 21 | -16 | -3 | 466 | 20 |
| West North Central | 3,320 | 6 | 1,008 | 2 | -31 | -12 | -34 | -4 | 1,584 | 61 | 805 | 8 |
| Iowa..... | 59 | 1 | -245 | -4 | 2 | 18 | 3 | 5 | -15 | -7 | 313 | 41 |
| Kansas..... | 642 | 7 | 940 | 15 | 2 | 19 | 36 | 9 | - | - | -337 | -13 |
| Minnesota..... | -606 | -6 | -386 | -6 | 52 | 56 | -64 | -35 | 12 | 5 | -212 | -7 |
| Missouri..... | 1,253 | 9 | 685 | 6 | -87 | -78 | -54 | -27 | -449 | -53 | 1,160 | 92 |
| Nebraska..... | -385 | -6 | -398 | -11 | -2 | -22 | 37 | 97 | 100 | 30 | -119 | -5 |
| North Dakota..... | 933 | 15 | 392 | 7 | 2 | 18 | * | -103 | 538 | 162 | - | - |
| South Dakota..... | 1,425 | 109 | 19 | 3 | * | -16 | 7 | 101 | 1,399 | 215 | - | - |
| South Atlantic | 6,041 | 4 | 9,272 | 12 | 1,057 | 19 | -1,089 | -10 | 1,137 | 49 | -4,337 | -10 |
| Delaware..... | 19 | 1 | -30 | -3 | 18 | 12 | 31 | 5 | - | - | - | - |
| District of Columbia..... | 18 | NM | - | - | 18 | NM | - | - | - | - | - | - |
| Florida..... | -2,593 | -7 | 588 | 4 | 704 | 14 | -1,153 | -11 | 2 | 3 | -2,735 | -33 |
| Georgia..... | -1,278 | -5 | -387 | -2 | 25 | 56 | 51 | 51 | 358 | 43 | -1,325 | -17 |
| Maryland..... | 280 | 3 | 399 | 6 | 221 | 339 | -10 | -5 | 338 | 96 | -667 | -26 |
| North Carolina..... | 586 | 3 | 1,379 | 11 | -19 | -33 | 53 | 122 | 287 | 51 | -1,114 | -13 |
| South Carolina..... | 1,974 | 11 | 1,430 | 22 | 3 | 9 | -25 | -44 | 80 | 25 | 486 | 4 |
| Virginia..... | 2,464 | 22 | 1,324 | 26 | 106 | NM | -26 | -9 | 42 | 66 | 1,017 | 18 |
| West Virginia..... | 4,571 | 28 | 4,569 | 29 | -18 | -27 | -11 | -71 | 31 | 27 | - | - |
| East South Central | 9,101 | 13 | 1,716 | 3 | 54 | 61 | -264 | -11 | 1,828 | 58 | 5,768 | 64 |
| Alabama..... | 4,075 | 18 | 98 | 1 | 5 | 24 | 70 | 68 | 923 | 75 | 2,979 | 70 |
| Kentucky..... | 1,711 | 8 | 1,590 | 8 | -3 | -8 | 35 | 263 | 89 | 12 | - | - |
| Mississippi..... | 2,037 | 37 | 489 | 19 | 16 | 279 | -374 | -16 | - | - | 1,907 | 306 |
| Tennessee..... | 1,278 | 7 | -462 | -3 | 35 | 126 | 5 | 103 | 816 | 69 | 882 | 22 |
| West South Central | 5,810 | 6 | 5,820 | 13 | -17 | -18 | 1,235 | 3 | -1,238 | -47 | 11 | * |
| Arkansas..... | 1,577 | 16 | 1,342 | 31 | -3 | -17 | 402 | 46 | -139 | -17 | -26 | -1 |
| Louisiana..... | -1,843 | -11 | -696 | -15 | 10 | 89 | -1,458 | -18 | - | - | 300 | 8 |
| Oklahoma..... | 826 | 7 | 1,959 | 32 | -7 | -61 | -427 | -10 | -699 | -60 | - | - |
| Texas..... | 5,250 | 8 | 3,214 | 11 | -17 | -33 | 2,717 | 10 | -401 | -61 | -263 | -3 |
| Mountain | 2,353 | 4 | -1,227 | -3 | -25 | -30 | 187 | 9 | 3,049 | 31 | 322 | 5 |
| Arizona..... | 1,146 | 7 | -238 | -3 | -13 | -56 | 97 | 39 | 978 | 47 | 322 | 5 |
| Colorado..... | 21 | * | 91 | 1 | -1 | -30 | 24 | 34 | -93 | -15 | - | - |
| Idaho..... | 401 | 12 | - | - | * | -67 | - | - | 401 | 12 | - | - |
| Montana..... | 495 | 9 | -842 | -34 | -6 | -59 | * | -7 | 1,343 | 49 | - | - |
| Nevada..... | 184 | 4 | -224 | -7 | -5 | -59 | 327 | 39 | 86 | 13 | - | - |
| New Mexico..... | 369 | 5 | 492 | 9 | -1 | -10 | -115 | -13 | -7 | -8 | - | - |
| Utah..... | -593 | -9 | -512 | -8 | * | -4 | -147 | -85 | 18 | 6 | - | - |
| Wyoming..... | 331 | 4 | 5 | * | 2 | 12 | 1 | 36 | 322 | 158 | - | - |
| Pacific | 5,640 | 9 | 1,146 | 295 | 6 | 35 | -451 | -7 | 4,807 | 10 | -59 | -1 |
| California..... | -1,801 | -6 | - | - | 6 | 48 | -326 | -5 | -1,950 | -12 | 291 | 4 |
| Oregon..... | 902 | 8 | -2 | 38 | * | -100 | -120 | -102 | 1,024 | 9 | - | - |
| Washington..... | 6,538 | 28 | 1,147 | 292 | * | -19 | -4 | -96 | 5,732 | 26 | -350 | -102 |
| Pacific Noncontiguous | 118 | 5 | * | 1 | 196 | 13 | 12 | 2 | -91 | -27 | - | - |
| Alaska..... | -133 | -12 | * | 1 | -56 | -75 | 12 | 2 | -90 | -28 | - | - |
| Hawaii..... | 252 | 17 | - | - | 252 | 17 | - | - | * | -8 | - | - |
| Total | 35,347 | 5 | 22,760 | 6 | 626 | 5 | -4,476 | -6 | 12,801 | 16 | 3,371 | 2 |

* Number less than 0.5 rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

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

Table 41. Coal Carbonized at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------------|----------------------------|-------------------------|--------------|--------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Middle Atlantic Total | 2,141 | 2,691 | 2,774 | 4,831 | 5,681 | -15.0 |
| East North Central Total | 2,811 | 2,764 | 2,813 | 5,576 | 5,630 | -1.0 |
| South Atlantic Total | w | w | w | w | w | w |
| East South Central Total | 979 | 951 | 1,109 | 1,929 | 2,222 | -13.2 |
| Mountain Total | w | w | w | w | w | w |
| U.S. Total | 6,929 | 7,279 | 7,410 | 14,208 | 15,000 | -5.3 |

^w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 42. Coal Consumption at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------------|----------------------------|-------------------------|---------------|---------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | w | 79 | 53 | w | 120 | w |
| Connecticut..... | - | - | - | - | - | - |
| Maine..... | w | w | w | w | w | w |
| Massachusetts..... | w | w | w | w | w | w |
| New Hampshire..... | - | - | - | - | - | - |
| Rhode Island..... | - | - | - | - | - | - |
| Vermont..... | 27 | 27 | - | 54 | - | - |
| Middle Atlantic Total | 1,431 | w | w | 2,946 | w | w |
| New Jersey..... | w | w | w | w | w | w |
| New York..... | w | 395 | 355 | w | 718 | w |
| Pennsylvania..... | 1,064 | 1,117 | 1,068 | 2,180 | 2,174 | 0.3 |
| East North Central Total | 3,940 | 4,433 | 4,088 | 8,372 | 8,618 | -2.8 |
| Illinois..... | 961 | 1,048 | 934 | 2,009 | 1,946 | 3.2 |
| Indiana..... | 1,128 | 1,255 | 1,252 | 2,382 | 2,531 | -5.9 |
| Michigan..... | 536 | 645 | 539 | 1,180 | 1,232 | -4.2 |
| Ohio..... | 914 | 1,010 | 947 | 1,923 | 2,004 | -4.1 |
| Wisconsin..... | 402 | 475 | 416 | 878 | 905 | -3.0 |
| West North Central Total | 3,113 | 3,466 | 3,172 | 6,579 | 6,620 | -6 |
| Iowa..... | 732 | 762 | 763 | 1,494 | 1,583 | -5.6 |
| Kansas..... | 25 | 32 | 32 | 56 | 70 | -19.6 |
| Minnesota..... | 348 | 481 | 329 | 829 | 780 | 6.2 |
| Missouri..... | 303 | 324 | 300 | 627 | 609 | 2.9 |
| Nebraska..... | w | w | w | w | w | w |
| North Dakota..... | w | w | w | w | w | w |
| South Dakota..... | 113 | 100 | 96 | 213 | 202 | 5.7 |
| South Atlantic Total | w | w | w | w | w | w |
| Delaware..... | w | w | w | w | w | w |
| District of Columbia..... | - | - | - | - | - | - |
| Florida..... | 337 | 298 | 339 | 634 | 674 | -6.0 |
| Georgia..... | 493 | 548 | 493 | 1,041 | 1,023 | 1.8 |
| Maryland..... | 173 | 192 | 196 | 365 | 394 | -7.3 |
| North Carolina..... | 489 | 545 | 537 | 1,035 | 1,148 | -9.8 |
| South Carolina..... | 490 | 506 | 478 | 995 | 1,002 | -7 |
| Virginia..... | 564 | 659 | 644 | 1,223 | 1,324 | -7.6 |
| West Virginia..... | 378 | 410 | 397 | 788 | 823 | -4.3 |
| East South Central Total | w | w | w | w | w | w |
| Alabama..... | 661 | 697 | 629 | 1,358 | 1,272 | 6.7 |
| Kentucky..... | 473 | 494 | 579 | 967 | 1,168 | -17.2 |
| Mississippi..... | w | w | w | w | w | w |
| Tennessee..... | 877 | 919 | 874 | 1,796 | 1,827 | -1.7 |
| West South Central Total | 1,491 | 1,454 | 1,392 | 2,944 | 2,836 | 3.8 |
| Arkansas..... | 68 | 69 | 78 | 137 | 168 | -18.6 |
| Louisiana..... | w | w | w | w | w | w |
| Oklahoma..... | w | w | w | w | w | w |
| Texas..... | 1,222 | 1,189 | 1,108 | 2,412 | 2,255 | 7.0 |
| Mountain Total | 1,166 | 1,198 | 1,118 | 2,365 | 2,296 | 3.0 |
| Arizona..... | 181 | 163 | 150 | 344 | 336 | 2.4 |
| Colorado..... | 158 | 178 | 201 | 336 | 397 | -15.5 |
| Idaho..... | 28 | w | w | 165 | w | w |
| Montana..... | w | w | w | w | w | w |
| Nevada..... | w | w | w | w | w | w |
| New Mexico..... | w | w | w | w | w | w |
| Utah..... | 247 | 140 | 197 | 387 | 263 | 47.0 |
| Wyoming..... | 471 | 491 | 477 | 962 | 957 | .5 |
| Pacific Total | 766 | 692 | 606 | 1,458 | 1,218 | 19.7 |
| Alaska..... | w | w | w | w | w | w |
| California..... | 688 | 600 | 523 | 1,288 | 1,019 | 26.4 |
| Hawaii..... | w | w | w | w | w | w |
| Oregon..... | w | w | w | w | w | w |
| Washington..... | w | 12 | 43 | w | 84 | w |
| U.S. Total | 17,000 | 18,192 | 17,099 | 35,192 | 35,450 | -7 |

^w Withheld to avoid disclosure of individual company data.

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

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Non-utility Power Producer Report;" and Form EIA-7A, "Coal Production Report."

Table 43. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|--|-------------------------|----------------------------|-------------------------|---------------|---------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| 311 Food Manufacturing..... | 1,822 | 2,219 | 1,775 | 4,040 | 3,986 | 1.4 |
| 312 Beverage and Tobacco Product Mfg..... | 128 | 146 | 132 | 274 | 295 | -7.2 |
| 313 Textile Mills..... | 219 | 275 | 245 | 494 | 531 | -6.9 |
| 315 Apparel Manufacturing..... | w | w | w | w | w | w |
| 316 Leather and Allied Product Mfg..... | - | w | w | - | w | - |
| 321 Wood Product Manufacturing..... | w | w | w | w | w | w |
| 322 Paper Manufacturing..... | 3,024 | 3,407 | 3,141 | 6,431 | 6,717 | -4.3 |
| 323 Printing and Related Support..... | - | - | - | - | - | - |
| 324 Petroleum and Coal Products ¹ | w | 1,675 | 1,661 | w | 3,348 | w |
| 325 Chemicals Manufacturing..... | 3,041 | 3,219 | 3,118 | 6,259 | 6,490 | -3.6 |
| 326 Plastics and Rubber Products Mfg..... | 43 | 50 | 44 | 93 | 105 | -11.5 |
| 327 Nonmetallic Mineral Products Mfg..... | w | w | w | w | w | w |
| 331 Primary Metal Manufacturing ² | w | 2,249 | 2,114 | w | 4,114 | w |
| 332 Fabricated Metal Product Mfg..... | 50 | 75 | 62 | 125 | 160 | -22.0 |
| 333 Machinery Manufacturing..... | 48 | 119 | 67 | 166 | 221 | -24.8 |
| 334 Computer and Electronic Product Mfg..... | w | w | w | w | w | w |
| 335 Elec. Equip., Appl., Components Mfg..... | w | w | w | w | w | w |
| 336 Transportation Equipment Mfg..... | 131 | 255 | 192 | 386 | 521 | -26.0 |
| 337 Furniture and Related Product Mfg..... | w | w | w | w | w | w |
| 339 Miscellaneous Manufacturing..... | w | w | w | w | w | w |
| U.S. Total..... | 15,796 | 16,989 | 16,104 | 32,785 | 33,424 | -1.9 |

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 Report - Manufacturing Plants."

Table 44. Coal Consumption by Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

| Census Division and State | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---------------------------------------|-------------------|----------------------|-------------------|--------------|--------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| New England Total | 10 | 15 | 10 | 26 | 26 | 0.0 |
| Connecticut..... | w | w | w | w | w | w |
| Maine..... | w | w | w | w | w | w |
| Massachusetts..... | w | w | w | w | w | w |
| New Hampshire..... | w | w | w | w | w | w |
| Rhode Island..... | w | w | w | w | w | w |
| Vermont..... | w | w | w | w | w | w |
| Middle Atlantic Total | 301 | 451 | 301 | 752 | 752 | .0 |
| New Jersey..... | w | w | w | w | w | w |
| New York..... | w | w | w | w | w | w |
| Pennsylvania..... | 249 | 373 | 249 | 622 | 622 | .0 |
| East North Central Total | 274 | 411 | 274 | 685 | 685 | .0 |
| Illinois..... | w | w | w | w | w | w |
| Indiana..... | 79 | 119 | 79 | 198 | 198 | .0 |
| Michigan..... | w | w | w | w | w | w |
| Ohio..... | 66 | 99 | 66 | 164 | 164 | .0 |
| Wisconsin..... | w | w | w | w | w | w |
| West North Central Total | w | w | w | w | w | w |
| Iowa..... | 75 | 112 | 75 | 187 | 187 | .0 |
| Kansas..... | * | 1 | * | 1 | 1 | .0 |
| Minnesota..... | 21 | 32 | 21 | 53 | 53 | .0 |
| Missouri..... | w | w | w | w | w | w |
| Nebraska..... | w | w | w | w | w | w |
| North Dakota..... | w | w | w | w | w | w |
| South Dakota..... | w | w | w | w | w | w |
| South Atlantic Total | 120 | 180 | 120 | 299 | 299 | .0 |
| Delaware..... | w | w | w | w | w | w |
| District of Columbia..... | 8 | 12 | 8 | 20 | 20 | .0 |
| Florida..... | - | - | - | - | - | - |
| Georgia..... | 3 | 5 | 3 | 8 | 8 | .0 |
| Maryland..... | w | w | w | w | w | w |
| North Carolina..... | 38 | 58 | 38 | 96 | 96 | .0 |
| South Carolina..... | * | * | * | * | * | .0 |
| Virginia..... | w | w | w | w | w | w |
| West Virginia..... | w | w | w | w | w | w |
| East South Central Total | 111 | 167 | 111 | 279 | 279 | .0 |
| Alabama..... | 15 | 22 | 15 | 36 | 36 | .0 |
| Kentucky..... | w | w | w | w | w | w |
| Mississippi..... | w | w | w | w | w | w |
| Tennessee..... | w | w | w | w | w | w |
| West South Central Total | 58 | 87 | 58 | 145 | 145 | .0 |
| Arkansas..... | * | * | * | * | * | .0 |
| Louisiana..... | w | w | w | w | w | w |
| Oklahoma..... | w | w | w | w | w | w |
| Texas..... | * | * | * | * | * | .0 |
| Mountain Total | w | w | w | w | w | w |
| Arizona..... | * | * | * | * | * | .0 |
| Colorado..... | 13 | 19 | 13 | 32 | 32 | .0 |
| Idaho..... | 6 | 9 | 6 | 15 | 15 | .0 |
| Montana..... | w | w | w | w | w | w |
| Nevada..... | w | w | w | w | w | w |
| New Mexico..... | w | w | w | w | w | w |
| Utah..... | w | w | w | w | w | w |
| Wyoming..... | 28 | 42 | 28 | 70 | 70 | .0 |
| Pacific Total | 127 | 190 | 127 | 317 | 317 | .0 |
| Alaska..... | 101 | 151 | 101 | 251 | 251 | .0 |
| California..... | 22 | 33 | 22 | 54 | 54 | .0 |
| Hawaii..... | w | w | w | w | w | w |
| Oregon..... | w | w | w | w | w | w |
| Washington..... | 4 | 6 | 4 | 11 | 11 | .0 |
| U.S. Total | 1,293 | 1,939 | 1,293 | 3,232 | 3,232 | .0 |

* Rounded to zero.

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-6, "Coal Distribution Report."

Stocks

Table 45. U.S. Coal Stocks, 1992-1998
(Thousand Short Tons)

| Last Day of Quarter | Coal Consumers ¹ | | | | Coal Producers and Distributors | Total |
|----------------------------|-----------------------------|-------------|-------------------------------|---------|---------------------------------|-----------------------------|
| | Electric Utilities | Coke Plants | Other Industrial ² | Total | | |
| 1992 March 31 | 160,032 | 2,875 | 5,725 | 168,632 | 39,853 | 208,485 |
| June 30 | 164,176 | 2,776 | 6,317 | 173,270 | 40,513 | 213,783 |
| September 30 | 152,685 | 2,215 | 6,979 | 161,878 | 35,198 | 197,076 |
| December 31 | 154,130 | 2,597 | 6,965 | 163,692 | 33,993 | 197,685 |
| 1993 March 31 | 143,978 | 2,809 | 5,831 | 152,619 | 38,453 | 191,072 |
| June 30 | 145,753 | 3,020 | 6,070 | 154,842 | 34,827 | 189,669 |
| September 30 | 112,833 | 2,536 | 6,540 | 121,909 | 27,183 | 149,092 |
| December 31 | 111,341 | 2,401 | 6,716 | 120,458 | 25,284 | 145,742 |
| 1994 March 31 | 105,186 | 2,232 | 4,859 | 112,278 | 34,139 | 146,417 |
| June 30 | 118,391 | 2,759 | 5,543 | 126,694 | 35,758 | 162,451 |
| September 30 | 112,314 | 2,706 | 6,206 | 121,225 | 32,955 | 154,180 |
| December 31 | 126,897 | 2,657 | 6,585 | 136,139 | 33,219 | 169,358 |
| 1995 March 31 | 135,778 | 2,719 | 5,507 | 144,004 | 42,460 | 186,463 |
| June 30 | 143,385 | 2,624 | 5,649 | 151,657 | 42,104 | 193,761 |
| September 30 | 123,227 | 2,476 | 6,036 | 131,739 | 36,193 | 167,932 |
| December 31 | 126,304 | 2,632 | 5,702 | 134,639 | 34,444 | 169,083 |
| 1996 March 31 | 117,738 | 2,583 | 4,431 | 124,752 | 36,851 | 161,603 |
| June 30 | 127,113 | 2,601 | 4,565 | 134,280 | 37,344 | 171,623 |
| September 30 | 119,473 | 2,814 | 5,301 | 127,588 | 33,780 | 161,368 |
| December 31 | 114,623 | 2,667 | 5,688 | 122,979 | 28,648 | 151,627 |
| 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 | 107,540 | 1,986 | 4,588 | 114,114 | ^E 40,994 | ^E 155,108 |
| June 30 | 118,254 | 1,868 | 4,614 | 124,735 | ^E 38,331 | ^E 163,066 |

¹ Stock data for the Residential and Commercial sector are not included. See Technical Note 6 in Appendix C.

² Manufacturing plants only.

^E Estimated.

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

Sources: Energy Information Administration (EIA) • Electric Utilities: Form EIA-759, "Monthly Power Plant Report" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and • Producer and Distributor: Form EIA-6, Schedule Q, "Quarterly Coal Report;" and, Form EIA-6, "Coal Distribution Report."

Table 46. Consumer Coal Stocks by Census Division and State, June 30, 1998
(Thousand Short Tons)

| Census Division and State | Electric Utilities | Coke Plants | Other Industrial ¹ | Total |
|---------------------------------------|--------------------|--------------|-------------------------------|----------------|
| New England Total | 1,114 | — | 51 | 1,166 |
| Connecticut..... | 175 | — | w | w |
| Maine..... | — | — | w | w |
| Massachusetts..... | 695 | — | w | w |
| New Hampshire..... | 244 | — | w | w |
| Rhode Island | — | — | w | w |
| Vermont..... | — | — | w | w |
| Middle Atlantic Total | 9,584 | 559 | w | w |
| New Jersey | 691 | — | w | w |
| New York..... | 813 | w | 146 | w |
| Pennsylvania..... | 8,080 | w | w | 8,707 |
| East North Central Total | 32,405 | 899 | 1,265 | 34,569 |
| Illinois..... | 6,634 | w | 235 | w |
| Indiana..... | 7,670 | w | w | 8,471 |
| Michigan..... | 8,662 | w | 403 | w |
| Ohio..... | 5,231 | w | w | 5,477 |
| Wisconsin..... | 4,209 | — | 161 | 4,370 |
| West North Central Total | 15,743 | — | 847 | 16,590 |
| Iowa..... | 2,606 | — | 447 | 3,053 |
| Kansas..... | 2,878 | — | 16 | 2,893 |
| Minnesota..... | 1,881 | — | 168 | 2,048 |
| Missouri..... | 4,662 | — | 133 | 4,796 |
| Nebraska..... | 1,831 | — | w | w |
| North Dakota..... | 1,697 | — | w | w |
| South Dakota..... | 187 | — | w | w |
| South Atlantic Total | 21,123 | w | w | w |
| Delaware..... | 237 | — | w | w |
| District of Columbia | — | — | — | — |
| Florida..... | 4,471 | — | 122 | 4,594 |
| Georgia..... | 3,041 | — | 142 | 3,183 |
| Maryland..... | 1,273 | w | 15 | w |
| North Carolina..... | 3,391 | — | 138 | 3,529 |
| South Carolina..... | 2,448 | — | 174 | 2,622 |
| Virginia..... | 1,141 | w | 124 | w |
| West Virginia..... | 5,120 | w | 114 | w |
| East South Central Total | 11,804 | 289 | w | w |
| Alabama..... | 3,722 | w | w | 4,099 |
| Kentucky..... | 5,318 | w | 65 | w |
| Mississippi..... | 734 | — | w | w |
| Tennessee..... | 2,031 | — | 222 | 2,253 |
| West South Central Total | 13,173 | — | 331 | 13,504 |
| Arkansas..... | 1,375 | — | 26 | 1,401 |
| Louisiana..... | 1,238 | — | 17 | 1,255 |
| Oklahoma..... | 2,792 | — | 113 | 2,905 |
| Texas..... | 7,769 | — | 174 | 7,944 |
| Mountain Total | 11,867 | w | 283 | w |
| Arizona..... | 2,275 | — | 52 | 2,327 |
| Colorado..... | 2,965 | — | 20 | 2,985 |
| Idaho..... | — | — | 117 | 117 |
| Montana..... | 418 | — | w | w |
| Nevada..... | 839 | — | w | w |
| New Mexico..... | 811 | — | w | w |
| Utah..... | 2,981 | w | 5 | w |
| Wyoming..... | 1,578 | — | 68 | 1,646 |
| Pacific Total | 1,441 | — | 255 | 1,696 |
| Alaska..... | * | — | — | * |
| California..... | — | — | 200 | 200 |
| Hawaii..... | — | — | w | w |
| Oregon..... | 283 | — | w | w |
| Washington..... | 1,157 | — | 13 | 1,170 |
| U.S. Total | 118,254 | 1,868 | 4,614 | 124,735 |

¹ Manufacturing plants only.

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding. Stock data for the Residential and Commercial sector are not available. See Technical Note 6 in Appendix C.

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

Table 47. Coal Stocks at Electric Utility Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | June 30, 1998 | March 31, 1998 | June 30, 1997 | Percent Difference June 30: 1998 versus 1997 |
|---------------------------------------|----------------|----------------|----------------|--|
| New England Total | 1,114 | 982 | 1,170 | -4.8 |
| Connecticut..... | 175 | 135 | 170 | 3.2 |
| Maine..... | - | - | - | - |
| Massachusetts..... | 695 | 567 | 699 | -5 |
| New Hampshire..... | 244 | 280 | 302 | -19.2 |
| Rhode Island | - | - | - | - |
| Vermont..... | - | - | - | - |
| Middle Atlantic Total | 9,584 | 9,196 | 10,354 | -7.4 |
| New Jersey..... | 691 | 588 | 919 | -24.8 |
| New York..... | 813 | 719 | 765 | 6.3 |
| Pennsylvania..... | 8,080 | 7,890 | 8,669 | -6.8 |
| East North Central Total | 32,405 | 29,077 | 30,464 | 6.4 |
| Illinois..... | 6,634 | 5,819 | 6,043 | 9.8 |
| Indiana..... | 7,670 | 6,814 | 7,147 | 7.3 |
| Michigan..... | 8,662 | 7,243 | 6,898 | 25.6 |
| Ohio..... | 5,231 | 5,598 | 6,119 | -14.5 |
| Wisconsin..... | 4,209 | 3,603 | 4,258 | -1.1 |
| West North Central Total | 15,743 | 14,419 | 16,230 | -3.0 |
| Iowa..... | 2,606 | 1,941 | 3,895 | -33.1 |
| Kansas..... | 2,878 | 2,660 | 2,973 | -3.2 |
| Minnesota..... | 1,881 | 1,921 | 1,420 | 32.4 |
| Missouri..... | 4,662 | 4,133 | 4,317 | 8.0 |
| Nebraska..... | 1,831 | 1,794 | 1,490 | 22.9 |
| North Dakota..... | 1,697 | 1,769 | 1,956 | -13.2 |
| South Dakota..... | 187 | 200 | 178 | 5.3 |
| South Atlantic Total | 21,123 | 20,142 | 21,703 | -2.7 |
| Delaware..... | 237 | 346 | 334 | -29.1 |
| District of Columbia | - | - | - | - |
| Florida..... | 4,471 | 4,004 | 3,579 | 24.9 |
| Georgia..... | 3,041 | 3,638 | 4,587 | -33.7 |
| Maryland..... | 1,273 | 1,202 | 1,380 | -7.7 |
| North Carolina..... | 3,391 | 3,314 | 3,388 | .1 |
| South Carolina..... | 2,448 | 2,242 | 2,612 | -6.2 |
| Virginia..... | 1,141 | 1,067 | 1,029 | 10.8 |
| West Virginia..... | 5,120 | 4,329 | 4,795 | 6.8 |
| East South Central Total | 11,804 | 11,373 | 11,092 | 6.4 |
| Alabama..... | 3,722 | 3,450 | 4,215 | -11.7 |
| Kentucky..... | 5,318 | 4,895 | 4,551 | 16.9 |
| Mississippi..... | 734 | 835 | 789 | -6.9 |
| Tennessee..... | 2,031 | 2,193 | 1,537 | 32.2 |
| West South Central Total | 13,173 | 12,215 | 16,529 | -20.3 |
| Arkansas..... | 1,375 | 919 | 1,583 | -13.2 |
| Louisiana..... | 1,238 | 1,601 | 1,869 | -33.8 |
| Oklahoma..... | 2,792 | 2,562 | 3,716 | -24.9 |
| Texas..... | 7,769 | 7,133 | 9,361 | -17.0 |
| Mountain Total | 11,867 | 9,471 | 12,281 | -3.4 |
| Arizona..... | 2,275 | 1,096 | 2,017 | 12.8 |
| Colorado..... | 2,965 | 2,604 | 3,044 | -2.6 |
| Idaho..... | - | - | - | - |
| Montana..... | 418 | 432 | 501 | -16.7 |
| Nevada..... | 839 | 1,043 | 1,275 | -34.2 |
| New Mexico..... | 811 | 811 | 822 | -1.4 |
| Utah..... | 2,981 | 2,353 | 2,683 | 11.1 |
| Wyoming..... | 1,578 | 1,132 | 1,938 | -18.6 |
| Pacific Total | 1,441 | 664 | 965 | 49.2 |
| Alaska..... | * | - | 1 | -87.5 |
| California..... | - | - | - | - |
| Hawaii..... | - | - | - | - |
| Oregon..... | 283 | 185 | 297 | -4.6 |
| Washington..... | 1,157 | 480 | 668 | 73.4 |
| U.S. Total | 118,254 | 107,540 | 120,787 | -2.1 |

* Rounded to zero.

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

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

Table 48. Coal Stocks at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | June 30, 1998 | March 31, 1998 | June 30, 1997 | Percent Difference June 30: 1998 versus 1997 |
|--------------------------------|---------------|----------------|---------------|--|
| Middle Atlantic Total | 559 | 607 | 835 | -33.0 |
| East North Central Total | 899 | 762 | 759 | 18.4 |
| South Atlantic Total | w | w | w | w |
| East South Central Total | 289 | 318 | 291 | -7 |
| Mountain Total | w | w | w | w |
| U.S. Total | 1,868 | 1,812 | 2,050 | -8.9 |

^w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 49. Coal Stocks at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

| Census Division and State | June 30, 1998 | March 31, 1998 | June 30, 1997 | Percent Difference June 30: 1998 versus 1997 |
|---------------------------------------|---------------|----------------|---------------|--|
| New England Total | w | 55 | 53 | w |
| Connecticut..... | - | - | - | - |
| Maine..... | w | w | w | w |
| Massachusetts..... | w | w | w | w |
| New Hampshire..... | - | - | - | - |
| Rhode Island..... | - | - | - | - |
| Vermont..... | - | - | - | - |
| Middle Atlantic Total | 278 | w | w | w |
| New Jersey..... | w | w | w | w |
| New York..... | w | 123 | 114 | w |
| Pennsylvania..... | 132 | 170 | 197 | -32.9 |
| East North Central Total | 1,265 | 1,353 | 1,367 | -7.5 |
| Illinois..... | 235 | 210 | 243 | -3.4 |
| Indiana..... | 314 | 296 | 319 | -1.5 |
| Michigan..... | 403 | 474 | 455 | -11.5 |
| Ohio..... | 152 | 178 | 162 | -6.1 |
| Wisconsin..... | 161 | 194 | 188 | -14.7 |
| West North Central Total | 847 | 676 | 869 | -2.5 |
| Iowa..... | 447 | 317 | 374 | 19.5 |
| Kansas..... | 16 | 17 | 16 | -3.1 |
| Minnesota..... | 168 | 119 | 182 | -7.7 |
| Missouri..... | 133 | 151 | 182 | -26.8 |
| Nebraska..... | w | w | w | w |
| North Dakota..... | w | w | w | w |
| South Dakota..... | 19 | 21 | 28 | -32.5 |
| South Atlantic Total | w | w | w | w |
| Delaware..... | w | w | w | w |
| District of Columbia..... | - | - | - | - |
| Florida..... | 122 | 103 | 93 | 31.6 |
| Georgia..... | 142 | 145 | 122 | 15.9 |
| Maryland..... | 15 | 14 | 26 | -42.0 |
| North Carolina..... | 138 | 131 | 138 | * |
| South Carolina..... | 174 | 181 | 212 | -17.7 |
| Virginia..... | 124 | 133 | 131 | -5.8 |
| West Virginia..... | 114 | 121 | 127 | -10.2 |
| East South Central Total | w | w | w | w |
| Alabama..... | 179 | 186 | 169 | 5.8 |
| Kentucky..... | 65 | 89 | 75 | -14.1 |
| Mississippi..... | w | w | w | w |
| Tennessee..... | 222 | 205 | 231 | -4.0 |
| West South Central Total | 331 | 318 | 335 | -1.2 |
| Arkansas..... | 26 | 21 | 18 | 45.7 |
| Louisiana..... | w | w | w | w |
| Oklahoma..... | w | w | w | w |
| Texas..... | 174 | 166 | 194 | -10.4 |
| Mountain Total | 283 | 243 | 260 | 9.1 |
| Arizona..... | 52 | 38 | 35 | 46.8 |
| Colorado..... | 20 | 20 | 15 | 34.7 |
| Idaho..... | 117 | w | w | w |
| Montana..... | w | w | w | w |
| Nevada..... | w | w | w | w |
| New Mexico..... | w | w | w | w |
| Utah..... | 5 | 3 | 4 | 11.5 |
| Wyoming..... | 68 | 85 | 81 | -15.1 |
| Pacific Total | 255 | 326 | 211 | 20.8 |
| Alaska..... | w | w | w | w |
| California..... | 200 | 210 | 125 | 59.3 |
| Hawaii..... | w | w | w | w |
| Oregon..... | w | w | w | w |
| Washington..... | w | 15 | 23 | w |
| U.S. Total | 4,614 | 4,588 | 4,751 | -2.9 |

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

Notes: 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 Report - Manufacturing Plants."

Table 50. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

| NAICS Code | June 30, 1998 | March 31, 1998 | June 30, 1997 | Percent Difference June 30: 1998 versus 1997 |
|--|---------------|----------------|---------------|--|
| 311 Food Manufacturing | 679 | 585 | 610 | 11.4 |
| 312 Beverage and Tobacco Product Mfg | 25 | 27 | 24 | 5.4 |
| 313 Textile Mills | 89 | 105 | 87 | 2.9 |
| 315 Apparel Manufacturing..... | w | w | w | w |
| 316 Leather and Allied Product Mfg..... | - | w | w | w |
| 321 Wood Product Manufacturing..... | w | w | w | w |
| 322 Paper Manufacturing | 811 | 932 | 853 | -5.0 |
| 323 Printing and Related Support..... | - | - | - | - |
| 324 Petroleum and Coal Products ¹ | w | 51 | 71 | w |
| 325 Chemicals Manufacturing..... | 738 | 766 | 869 | -15.1 |
| 326 Plastics and Rubber Products Mfg..... | 5 | 6 | 11 | -53.4 |
| 327 Nonmetallic Mineral Products Mfg..... | w | w | w | w |
| 331 Primary Metal Manufacturing ² | w | 519 | 638 | w |
| 332 Fabricated Metal Product Mfg..... | 31 | 42 | 31 | .9 |
| 333 Machinery Manufacturing | 45 | 42 | 28 | 57.8 |
| 334 Computer and Electronic Product Mfg..... | w | w | w | w |
| 335 Elec. Equip., Appl., Components Mfg | w | w | w | w |
| 336 Transportation Equipment Mfg..... | 44 | 61 | 67 | -35.1 |
| 337 Furniture and Related Product Mfg..... | w | w | w | w |
| 339 Miscellaneous Manufacturing | w | w | w | w |
| U.S. Total | 4,614 | 4,588 | 4,751 | -2.9 |

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 Report - Manufacturing Plants."

Table 51. Coke and Breeze Stocks at Coke Plants by Census Division
(Thousand Short Tons)

| Census Division | June 30, 1998 | March 31, 1998 | June 30, 1997 | Percent Difference June 30: 1998 versus 1997 |
|---------------------------------------|---------------|----------------|---------------|--|
| Middle Atlantic Total | 166 | 332 | 281 | -41.1 |
| East North Central Total | 552 | 469 | 549 | .5 |
| South Atlantic Total | w | w | w | w |
| East South Central Total | 168 | 140 | 229 | -26.7 |
| Mountain Total..... | w | w | w | w |
| U.S. Total | 1,054 | 1,237 | 1,653 | -36.2 |
| Coke Total..... | 866 | 1,084 | 1,522 | -43.1 |
| Breeze Total..... | 189 | 153 | 131 | 44.2 |

^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, "Coke Plant Report - Quarterly."

Appendix A

Table A1. Quantity and Average Price of U.S. Coal Imports, 1992-1998
(Thousand Short Tons and Dollars per Short Ton)

| Year | January - March | | April - June | | July - September | | October - December | | U.S. Total | |
|-----------|-----------------|---------------|--------------|---------------|------------------|---------------|--------------------|---------------|--------------|----------------|
| | Quantity | Average Price | Quantity | Average Price | Quantity | Average Price | Quantity | Average Price | Quantity | Average Price |
| 1992..... | 679 | \$33.63 | 1,043 | \$32.96 | 882 | \$34.43 | 1,199 | \$33.08 | 3,803 | \$33.46 |
| 1993..... | 1,213 | 30.70 | 1,093 | 32.26 | 2,142 | 29.52 | 2,861 | 28.91 | 7,309 | 29.89 |
| 1994..... | 1,850 | 28.86 | 1,577 | 28.73 | 2,304 | 30.92 | 1,853 | 31.93 | 7,584 | 30.21 |
| 1995..... | 1,795 | 32.33 | 1,609 | 36.16 | 1,725 | 33.61 | 2,071 | 34.54 | 7,201 | 34.13 |
| 1996..... | 1,713 | 33.52 | 1,552 | 32.46 | 2,071 | 33.19 | 1,790 | 34.55 | 7,126 | 33.45 |
| 1997..... | 1,331 | 33.85 | 1,708 | 35.26 | 2,222 | 33.69 | 2,226 | 34.49 | 7,487 | 34.32 |
| 1998..... | 1,839 | 33.98 | 2,193 | 31.43 | NA | NA | NA | NA | 4,031 | 32.59 |

NA Not available.

Notes: Average price is based on the customs import value. 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 145."

Table A2. Quantity and Average Price of U.S. Coal Imports by Origin, 1992-1998

(Thousand Short Tons and Dollars per Short Ton)

| Year and Quarter | Australia | Canada | Colombia | Indonesia | Malaysia | Venezuela | Other Countries | Total |
|--------------------------|--------------|--------------|--------------|--------------|----------|--------------|-----------------|----------------|
| Quantity | | | | | | | | |
| 1992 | 101 | 1,021 | 1,763 | 253 | 53 | 539 | 72 | 3,803 |
| 1993 | 100 | 1,051 | 4,117 | 708 | – | 1,298 | 34 | 7,309 |
| 1994 | 92 | 1,253 | 3,390 | 1,130 | – | 1,531 | 188 | 7,584 |
| 1995 | 212 | 1,320 | 2,737 | 1,018 | – | 1,846 | 68 | 7,201 |
| 1996 | 165 | 1,427 | 2,527 | 1,535 | – | 1,463 | 10 | 7,126 |
| 1997 | | | | | | | | |
| January - March | 54 | 181 | 492 | 396 | – | 147 | 61 | 1,331 |
| April - June | 30 | 318 | 875 | 187 | – | 290 | 8 | 1,708 |
| July - September | – | 308 | 1,042 | 394 | – | 455 | 23 | 2,222 |
| October - December | 31 | 406 | 708 | 449 | – | 623 | 9 | 2,226 |
| Total | 116 | 1,212 | 3,117 | 1,426 | – | 1,514 | 103 | 7,487 |
| 1998 | | | | | | | | |
| January - March | 32 | 131 | 659 | 246 | – | 767 | 5 | 1,839 |
| April - June | – | 298 | 844 | 403 | – | 646 | 2 | 2,193 |
| Total | 32 | 429 | 1,503 | 649 | – | 1,412 | 7 | 4,031 |
| Average Price | | | | | | | | |
| 1992 | \$36.07 | \$27.88 | \$32.25 | \$40.94 | \$47.06 | \$35.61 | \$25.72 | \$32.48 |
| 1993 | 31.56 | 29.02 | 27.26 | 42.70 | – | 28.87 | 26.22 | 29.36 |
| 1994 | 30.02 | 30.61 | 27.46 | 33.80 | – | 32.41 | 29.33 | 29.98 |
| 1995 | 30.99 | 32.59 | 31.15 | 35.13 | – | 35.14 | 46.29 | 33.11 |
| 1996 | 33.41 | 32.86 | 31.40 | 32.45 | – | 30.97 | 33.43 | 31.82 |
| 1997 | | | | | | | | |
| January - March | 33.80 | 26.87 | 31.98 | 31.82 | – | 31.64 | – | 31.32 |
| April - June | 34.95 | 39.87 | 32.64 | 36.48 | – | 33.23 | – | 34.48 |
| July - September | – | 37.67 | 32.38 | 32.04 | – | 32.01 | 49.09 | 33.02 |
| October - December | 31.45 | 38.18 | 31.17 | 32.86 | – | 34.57 | 49.22 | 33.64 |
| Total | 33.47 | 36.80 | 32.11 | 32.82 | – | 33.26 | 49.12 | 33.25 |
| 1998 | | | | | | | | |
| January - March | 31.35 | 33.66 | 33.01 | 38.77 | – | 32.36 | 42.03 | 33.54 |
| April - June | – | 33.83 | 30.42 | 32.87 | – | 29.48 | – | 31.04 |
| Total | 31.35 | 33.78 | 31.55 | 35.10 | – | 31.05 | 42.03 | 32.18 |

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, 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 A1. 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 A3. U. S. Coal Imports by Origin and by Customs District
(Short Tons)

| Customs District | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|-------------------------------------|-------------------|----------------------|-------------------|------------------|------------------|----------------|
| | | | | 1998 | 1997 | Percent Change |
| U.S. Total | 2,192,506 | 1,838,994 | 1,707,583 | 4,031,500 | 3,038,973 | 32.7 |
| Exporting Country: Australia | | | | | | |
| Honolulu, HI..... | — | 31,523 | 30,307 | 31,523 | 84,458 | -62.7 |
| Total | — | 31,523 | 30,307 | 31,523 | 84,458 | -62.7 |
| Exporting Country: Canada | | | | | | |
| Chicago, IL..... | 33,746 | — | 92,757 | 33,746 | 92,757 | -63.6 |
| Detroit, MI..... | 63,314 | 34,814 | 125,882 | 98,128 | 131,353 | -25.3 |
| Duluth, MN..... | — | — | — | — | 416 | — |
| Great Falls, MT..... | — | — | 281 | — | 281 | — |
| Pembina, ND..... | 175,340 | 69,514 | 82,918 | 244,854 | 230,118 | 6.4 |
| Seattle, WA..... | 25,354 | 27,131 | 15,724 | 52,485 | 43,151 | 21.6 |
| Total | 297,754 | 131,459 | 317,562 | 429,213 | 498,076 | -13.8 |
| Exporting Country: Colombia | | | | | | |
| Mobile, AL..... | 197,953 | — | 34,975 | 197,953 | 98,865 | 100.2 |
| Tampa, FL..... | 298,011 | 343,005 | 425,655 | 641,016 | 564,554 | 13.5 |
| Boston, MA..... | 180,737 | 204,700 | 329,688 | 385,437 | 528,739 | -27.1 |
| Portland, ME..... | — | — | 5,622 | — | 34,154 | — |
| New York City, NY..... | 50,324 | 77,571 | 39,048 | 127,895 | 73,149 | 74.8 |
| Portland, OR..... | 6,992 | — | — | 6,992 | — | — |
| San Juan, PR..... | 53,749 | 27,293 | 39,739 | 81,042 | 67,753 | 19.6 |
| Houston-Galveston, TX..... | — | 6,068 | — | 6,068 | — | — |
| Virgin Islands..... | 56,444 | — | — | 56,444 | — | — |
| Total | 844,210 | 658,637 | 874,727 | 1,502,847 | 1,367,214 | 9.9 |
| Exporting Country: Indonesia | | | | | | |
| Honolulu, HI..... | 179,822 | 171,811 | 118,674 | 351,633 | 295,571 | 19.0 |
| New Orleans, LA..... | 223,471 | 73,836 | 68,242 | 297,307 | 287,051 | 3.6 |
| Total | 403,293 | 245,647 | 186,916 | 648,940 | 582,622 | 11.4 |
| Exporting Country: Venezuela | | | | | | |
| Mobile, AL..... | 158,898 | 97,266 | — | 256,164 | — | — |
| Miami, FL..... | 45,093 | 45,288 | — | 90,381 | — | — |
| Tampa, FL..... | 42,452 | — | — | 42,452 | — | — |
| Savannah, GA..... | 63,824 | 76,061 | 43,120 | 139,885 | 68,920 | 103.0 |
| New Orleans, LA..... | — | 79,765 | — | 79,765 | — | — |
| Boston, MA..... | 47,497 | 261,219 | 67,615 | 308,716 | 95,443 | 223.5 |
| Portland, ME..... | 116,021 | 34,681 | 63,636 | 150,702 | 121,814 | 23.7 |
| New York City, NY..... | 54,518 | 79,796 | 66,459 | 134,314 | 101,727 | 32.0 |
| Philadelphia, PA..... | — | 64,354 | 27,226 | 64,354 | 27,226 | 136.4 |
| San Juan, PR..... | — | 28,385 | 21,605 | 28,385 | 21,605 | 31.4 |
| Houston-Galveston, TX..... | 117,290 | — | — | 117,290 | — | — |
| Total | 645,593 | 766,815 | 289,661 | 1,412,408 | 436,735 | 223.4 |
| Other Exporting Countries | | | | | | |
| Los Angeles, CA..... | — | — | — | — | 149 | — |
| Miami, FL..... | — | — | 13 | — | 13 | — |
| Honolulu, HI..... | — | — | 1 | — | 1 | — |
| New Orleans, LA..... | — | — | — | — | 41,005 | — |
| Buffalo, NY..... | — | 1,847 | 1,241 | 1,847 | 2,479 | -25.5 |
| New York City, NY..... | — | 25 | — | 25 | — | — |
| Portland, OR..... | — | — | 6,852 | — | 13,441 | — |
| San Juan, PR..... | 437 | 2,226 | — | 2,663 | — | — |
| Houston-Galveston, TX..... | — | — | — | — | 12,124 | — |
| Laredo, TX..... | 694 | — | — | 694 | 353 | 96.6 |
| Milwaukee, WI..... | 525 | 815 | 303 | 1,340 | 303 | 342.2 |
| Total | 1,656 | 4,913 | 8,410 | 6,569 | 69,868 | -90.6 |

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 A4. Average Price of U.S. Coal Imports by Origin and by Customs District
(Dollars per Short Ton)

| Customs District | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|-------------------------------------|-------------------------|----------------------------|-------------------------|----------------|----------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| Total | \$31.04 | \$33.54 | \$34.48 | \$32.18 | \$33.13 | -2.9 |
| Exporting Country: Australia | | | | | | |
| Honolulu, HI | - | \$31.35 | \$34.95 | \$31.35 | \$34.21 | -8.4 |
| Total | - | 31.35 | 34.95 | 31.35 | 34.21 | -8.4 |
| Exporting Country: Canada | | | | | | |
| Chicago, IL | \$48.32 | - | \$46.10 | \$48.32 | \$46.10 | 4.8 |
| Detroit, MI | 46.76 | \$42.12 | 43.98 | 45.11 | 43.05 | 4.8 |
| Duluth, MN | - | - | - | - | 40.19 | - |
| Great Falls, MT | - | - | 23.96 | - | 23.96 | - |
| Pembina, ND | 26.13 | 30.00 | 24.03 | 27.13 | 25.86 | 4.9 |
| Seattle, WA | 30.71 | 30.35 | 28.59 | 30.53 | 28.58 | 6.8 |
| Total | 33.83 | 33.66 | 39.87 | 33.78 | 35.30 | -4.3 |
| Exporting Country: Colombia | | | | | | |
| Mobile, AL | \$27.36 | - | \$29.13 | \$27.36 | \$29.15 | -6.1 |
| Tampa, FL | 30.90 | \$31.52 | 32.11 | 31.23 | 32.05 | -2.5 |
| Boston, MA | 30.97 | 34.66 | 32.71 | 32.93 | 32.64 | .9 |
| Portland, ME | - | - | 34.31 | - | 25.35 | - |
| New York City, NY | 33.89 | 33.50 | 37.41 | 33.65 | 37.14 | -9.4 |
| Portland, OR | 49.45 | - | - | 49.45 | - | - |
| San Juan, PR | 32.87 | 37.52 | 35.98 | 34.44 | 36.72 | -6.2 |
| Houston-Galveston, TX | - | 34.47 | - | 34.47 | - | - |
| Virgin Islands | 29.03 | - | - | 29.03 | - | - |
| Total | 30.42 | 33.01 | 32.64 | 31.55 | 32.40 | -2.6 |
| Exporting Country: Indonesia | | | | | | |
| Honolulu, HI | \$45.48 | \$45.37 | \$43.99 | \$45.43 | \$43.48 | 4.5 |
| New Orleans, LA | 22.73 | 23.41 | 23.41 | 22.90 | 22.86 | .2 |
| Total | 32.87 | 38.77 | 36.48 | 35.10 | 33.32 | 5.4 |
| Exporting Country: Venezuela | | | | | | |
| Mobile, AL | \$28.37 | \$28.45 | - | \$28.40 | - | - |
| Miami, FL | 36.30 | 36.30 | - | 36.30 | - | - |
| Tampa, FL | 37.60 | - | - | 37.60 | - | - |
| Savannah, GA | 20.38 | 22.45 | \$20.39 | 21.51 | \$20.39 | 5.5 |
| New Orleans, LA | - | 27.22 | - | 27.22 | - | - |
| Boston, MA | 32.32 | 37.18 | 34.82 | 36.43 | 34.27 | 6.3 |
| Portland, ME | 28.07 | 36.36 | 33.88 | 29.98 | 33.49 | -10.5 |
| New York City, NY | 33.87 | 33.57 | 37.42 | 33.69 | 37.09 | -9.2 |
| Philadelphia, PA | - | 31.49 | 38.63 | 31.49 | 38.63 | -18.5 |
| San Juan, PR | - | 29.94 | 32.30 | 29.94 | 32.30 | -7.3 |
| Houston-Galveston, TX | 28.57 | - | - | 28.57 | - | - |
| Total | 29.48 | 32.36 | 33.23 | 31.05 | 32.69 | -5.0 |
| Other Exporting Countries | | | | | | |
| San Juan, PR | - | \$42.03 | - | \$42.03 | - | - |
| Total | - | 42.03 | - | 42.03 | - | - |

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, 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 A1.

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

Table A5. Imported Coal Received at Electric Utility Plants by Origin
(Short Tons)

| Company and Plant | April - June 1998 | January - March 1998 | April - June 1997 | Year to Date | | |
|---|-------------------------|----------------------------|-------------------------|------------------|------------------|-------------------|
| | | | | 1998 | 1997 | Percent Change |
| U.S. Total | 1,257,325 | 1,418,240 | 1,138,848 | 2,675,565 | 1,862,796 | 43.6 |
| Exporting Country: Canada | | | | | | |
| Takoma Dept. of Public Utilities, Steam No.2 | - | - | - | - | 4,370 | - |
| Total | - | - | - | - | 4,370 | - |
| Exporting Country: Colombia | | | | | | |
| Central Hudson Gas & Electric, Danskammer | - | 34,800 | - | 34,800 | - | - |
| Central Power and Light (CSW), Coletto Creek | 23,720 | - | - | 23,720 | - | - |
| City Public Service, San Antonio JT Deely/Spruce | - | 24,000 | - | 24,000 | - | - |
| Gulf Power, Crist..... | 43,616 | - | - | 43,616 | - | - |
| Jacksonville Electric Authority, St Johns River | 296,820 | 359,270 | 425,690 | 656,090 | 564,610 | 16.2 |
| New England Power (NEES), Brayton Point..... | 71,400 | 151,400 | 159,300 | 222,800 | 271,400 | -17.9 |
| New England Power (NEES), Salem Harbor..... | 87,500 | 76,700 | 153,900 | 164,200 | 239,500 | -31.4 |
| Public Serv Co of New Hampshire, Schiller | - | 34,680 | - | 34,680 | - | - |
| Total | 523,056 | 680,850 | 738,890 | 1,203,906 | 1,075,510 | 11.9 |
| Exporting Country: Indonesia | | | | | | |
| Tampa Electric, Davant Transfer..... | 223,472 | 73,835 | 68,241 | 297,307 | 287,048 | 3.6 |
| Total | 223,472 | 73,835 | 68,241 | 297,307 | 287,048 | 3.6 |
| Exporting Country: Venezuela | | | | | | |
| Central Hudson Gas & Electric, Danskammer | 104,900 | 122,600 | 88,350 | 227,500 | 157,750 | 44.2 |
| City Public Service, San Antonio JT Deely/Spruce | 9,000 | - | - | 9,000 | - | - |
| Florida Power Corp, IMT Transfer..... | 18,547 | 61,217 | - | 79,764 | - | - |
| Gulf Power, Crist..... | 52,778 | 54,180 | - | 106,958 | - | - |
| Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh..... | 6,000 | - | - | 6,000 | - | - |
| Mississippi Power (Southern Co), Watson..... | 51,070 | 13,600 | - | 64,670 | - | - |
| New England Power (NEES), Brayton Point..... | 33,500 | 119,200 | 83,900 | 152,700 | 111,700 | 36.7 |
| New England Power (NEES), Salem Harbor..... | 53,800 | 100,900 | - | 154,700 | - | - |
| Public Serv Co of New Hampshire, Schiller | 73,827 | 73,900 | 98,887 | 147,733 | 127,419 | 15.9 |
| Public Serv Electric & Gas Co, Mercer | - | 39,000 | - | 39,000 | - | - |
| Savannah Electric and Power, Port Wentworth | 71,375 | 78,952 | 60,580 | 150,327 | 98,999 | 51.8 |
| United Illuminating Co, Bridgeport Harbor | 36,000 | - | - | 36,000 | - | - |
| Total | 510,797 | 663,555 | 331,717 | 1,174,352 | 495,868 | 136.8 |

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

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

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|-----------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Baltimore Gas and Electric, Brandon Shores | | | | | | |
| Colombia | | | | | | |
| 1993..... | 224.0 | 12,354 | 0.64 | 6.32 | 149.8 | 37.02 |
| 1994..... | 88.0 | 12,379 | .66 | 7.36 | 147.3 | 36.46 |
| Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2 | | | | | | |
| Indonesia | | | | | | |
| 1994..... | 169.2 | 9,702 | 0.10 | 1.20 | 166.8 | 32.36 |
| Company and Plant: Carolina Power and Light, Sutton | | | | | | |
| Colombia | | | | | | |
| 1994..... | 26.6 | 12,200 | 0.70 | 9.00 | 145.5 | 35.50 |
| Company and Plant: Central Hudson Gas & Electric, Danskammer | | | | | | |
| Colombia | | | | | | |
| 1997 | | | | | | |
| July - September..... | 66.8 | 12,995 | 0.67 | 7.29 | 173.4 | 45.06 |
| October - December..... | 80.2 | 13,062 | .63 | 7.07 | 169.5 | 44.29 |
| Total | 147.0 | 13,032 | .65 | 7.17 | 171.3 | 44.64 |
| 1998 | | | | | | |
| January - March..... | 34.8 | 13,309 | .62 | 7.38 | 169.8 | 45.20 |
| Total | 34.8 | 13,309 | .62 | 7.38 | 169.8 | 45.20 |
| Venezuela | | | | | | |
| 1995..... | 28.2 | 13,281 | .56 | 7.30 | 224.1 | 59.53 |
| 1997 | | | | | | |
| January - March..... | 69.4 | 13,181 | .66 | 6.35 | 174.9 | 46.11 |
| April - June..... | 88.3 | 13,416 | .64 | 5.45 | 174.0 | 46.69 |
| July - September..... | 101.4 | 13,078 | .66 | 6.64 | 173.8 | 45.47 |
| October - December..... | 91.2 | 13,033 | .64 | 7.09 | 170.1 | 44.33 |
| Total | 350.4 | 13,172 | .65 | 6.40 | 173.1 | 45.61 |
| 1998 | | | | | | |
| January - March..... | 122.6 | 13,311 | .59 | 7.02 | 169.8 | 45.21 |
| April - June..... | 104.9 | 13,184 | .65 | 7.70 | 170.0 | 44.82 |
| Total | 227.5 | 13,252 | .62 | 7.33 | 169.9 | 45.03 |
| Company and Plant: City Public Service, San Antonio JT Deely/Spruce | | | | | | |
| Colombia | | | | | | |
| 1997 | | | | | | |
| October - December..... | 73.0 | 11,603 | 0.34 | 3.89 | 176.9 | 41.06 |
| Total | 73.0 | 11,603 | .34 | 3.89 | 176.9 | 41.06 |
| 1998 | | | | | | |
| January - March..... | 24.0 | 11,600 | .33 | 3.80 | 200.6 | 46.54 |
| Total | 24.0 | 11,600 | .33 | 3.80 | 200.6 | 46.54 |
| Venezuela | | | | | | |
| 1998 | | | | | | |
| April - June..... | 9.0 | 12,855 | .70 | 6.00 | 185.8 | 47.77 |
| Total | 9.0 | 12,855 | .70 | 6.00 | 185.8 | 47.77 |
| Company and Plant: Central Power and Light (CSW), Coletto Creek | | | | | | |
| Colombia | | | | | | |
| 1992..... | 37.2 | 12,892 | 0.62 | 7.90 | 174.5 | 44.99 |
| 1993..... | 122.5 | 12,109 | .60 | 5.90 | 148.5 | 35.98 |
| 1994..... | 153.4 | 11,929 | .55 | 5.03 | 148.9 | 35.51 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------------|------------------------------|--------------------------------|-----------------------------|--------------------------|--------------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Central Power and Light (CSW), Coletto Creek | | | | | | |
| Colombia | | | | | | |
| 1997 | | | | | | |
| October - December | 26.0 | 11,665 | 0.47 | 6.00 | 173.2 | 40.41 |
| Total | 26.0 | 11,665 | .47 | 6.00 | 173.2 | 40.41 |
| 1998 | | | | | | |
| April - June | 23.7 | 12,760 | .66 | 6.60 | 188.3 | 48.05 |
| Total | 23.7 | 12,760 | .66 | 6.60 | 188.3 | 48.05 |
| Venezuela | | | | | | |
| 1992 | 42.5 | 13,214 | .66 | 7.20 | 175.8 | 46.46 |
| Company and Plant: Delmarva Power & Light, Edgemoor | | | | | | |
| Colombia | | | | | | |
| 1994 | 22.0 | 12,370 | 0.58 | 5.98 | 168.2 | 41.61 |
| Company and Plant: Delmarva Power and Light, Indian River | | | | | | |
| Colombia | | | | | | |
| 1995 | 7.1 | 13,141 | 0.75 | 7.07 | 180.3 | 47.39 |
| Company and Plant: Detroit Edison Co, River Rouge | | | | | | |
| Canada | | | | | | |
| 1994 | 57.0 | 11,005 | 0.23 | 10.28 | 149.9 | 32.99 |
| Company and Plant: Florida Power Corp, IMT Transfer | | | | | | |
| Venezuela | | | | | | |
| 1994 | 84.4 | 12,778 | 0.64 | 6.50 | 156.3 | 39.93 |
| 1998 | | | | | | |
| January - March | 61.2 | 12,976 | .71 | 5.58 | 176.5 | 45.81 |
| April - June | 18.5 | 12,940 | .79 | 5.97 | 135.2 | 34.98 |
| Total | 79.8 | 12,968 | .73 | 5.67 | 166.9 | 43.30 |
| Company and Plant: Gulf Power, Crist | | | | | | |
| Colombia | | | | | | |
| 1993 | 280.2 | 11,983 | 0.59 | 5.53 | 188.5 | 45.18 |
| 1994 | 29.8 | 12,239 | .59 | 5.30 | 160.9 | 39.38 |
| 1998 | | | | | | |
| April - June | 43.6 | 12,481 | .55 | 4.50 | 151.0 | 37.69 |
| Total | 43.6 | 12,481 | .55 | 4.50 | 151.0 | 37.69 |
| Venezuela | | | | | | |
| 1993 | 234.8 | 12,992 | .59 | 6.11 | 172.2 | 44.75 |
| 1994 | 283.4 | 12,252 | 1.03 | 6.28 | 216.9 | 53.15 |
| 1995 | 776.7 | 12,363 | .92 | 6.29 | 230.9 | 57.09 |
| 1996 | 205.9 | 12,224 | .95 | 5.90 | 230.6 | 56.37 |
| 1998 | | | | | | |
| January - March | 54.2 | 12,741 | .74 | 7.10 | 148.3 | 37.79 |
| April - June | 52.8 | 12,441 | .88 | 6.47 | 146.4 | 36.42 |
| Total | 107.0 | 12,593 | .81 | 6.79 | 147.4 | 37.12 |
| Company and Plant: Gulf Power, Scholtz | | | | | | |
| Colombia | | | | | | |
| 1993 | 7.5 | 12,170 | 0.62 | 7.50 | 164.4 | 40.01 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|-----------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Gulf Power, Scholtz | | | | | | |
| Venezuela 1993..... | 16.0 | 12,958 | 0.58 | 6.10 | 170.6 | 44.20 |
| Company and Plant: Gulf Power, Smith | | | | | | |
| Colombia 1993..... | 198.2 | 11,823 | 0.61 | 5.96 | 184.6 | 43.65 |
| 1994..... | 286.6 | 12,299 | .61 | 4.17 | 172.3 | 42.39 |
| South Africa 1994..... | 127.3 | 11,318 | .65 | 12.60 | 181.1 | 41.00 |
| Venezuela 1994..... | 53.8 | 12,272 | .96 | 6.52 | 229.1 | 56.24 |
| 1995..... | 114.6 | 12,202 | 1.00 | 6.52 | 236.1 | 57.63 |
| 1996..... | 92.2 | 12,171 | .99 | 6.03 | 234.7 | 57.13 |
| Company and Plant: Holyoke Water Power (NU), Mount Tom | | | | | | |
| Indonesia 1994..... | 7.9 | 12,651 | 0.43 | 3.30 | 195.4 | 49.44 |
| Company and Plant: Jacksonville Electric Authority, St Johns River | | | | | | |
| Colombia 1992..... | 1,418.6 | 11,897 | 0.71 | 6.91 | 150.0 | 35.70 |
| 1993..... | 2,291.2 | 11,849 | .68 | 7.21 | 136.9 | 32.44 |
| 1994..... | 2,032.1 | 11,883 | .69 | 7.40 | 135.6 | 32.22 |
| 1995..... | 1,340.6 | 11,826 | .67 | 7.52 | 151.5 | 35.82 |
| 1996..... | 1,417.2 | 11,810 | .66 | 7.71 | 152.9 | 36.11 |
| 1997 | | | | | | |
| January - March..... | 138.9 | 11,813 | .70 | 7.30 | 152.0 | 35.91 |
| April - June..... | 425.7 | 11,809 | .72 | 7.49 | 151.4 | 35.76 |
| July - September..... | 432.5 | 11,913 | .98 | 7.27 | 148.4 | 35.35 |
| October - December..... | 388.3 | 11,841 | .65 | 7.57 | 150.1 | 35.55 |
| Total | 1,385.3 | 11,851 | .78 | 7.42 | 150.1 | 35.59 |
| 1998 | | | | | | |
| January - March..... | 359.3 | 11,802 | .65 | 7.13 | 149.0 | 35.16 |
| April - June..... | 296.8 | 11,796 | .61 | 6.83 | 147.2 | 34.72 |
| Total | 656.1 | 11,799 | .63 | 6.99 | 148.2 | 34.96 |
| Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh | | | | | | |
| Venezuela 1998 | | | | | | |
| April - June..... | 6.0 | 12,941 | 0.62 | 5.70 | 175.2 | 45.35 |
| Total | 6.0 | 12,941 | .62 | 5.70 | 175.2 | 45.35 |
| Company and Plant: Mississippi Power (Southern Co), Daniel | | | | | | |
| Indonesia 1993..... | 67.5 | 9,745 | 0.08 | 1.23 | 168.9 | 32.92 |
| Company and Plant: Mississippi Power (Southern Co), Watson | | | | | | |
| Venezuela 1998 | | | | | | |
| January - March..... | 13.6 | 12,312 | 0.71 | 5.20 | 154.1 | 37.95 |
| April - June..... | 51.1 | 12,617 | .76 | 7.20 | 137.1 | 34.60 |
| Total | 64.7 | 12,553 | .75 | 6.78 | 140.6 | 35.30 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|-----------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: New England Power (NEES), Brayton Point | | | | | | |
| Colombia | | | | | | |
| 1993..... | 187.2 | 12,144 | 0.64 | 5.42 | 178.5 | 43.35 |
| 1994..... | 51.3 | 12,131 | .65 | 5.60 | 172.2 | 41.78 |
| 1995..... | 307.8 | 12,218 | .60 | 5.22 | 164.6 | 40.23 |
| 1996..... | 427.5 | 12,014 | .59 | 5.52 | 168.0 | 40.35 |
| 1997 | | | | | | |
| January - March..... | 112.1 | 12,030 | .63 | 6.04 | 179.7 | 43.25 |
| April - June..... | 159.3 | 12,190 | .64 | 6.16 | 154.6 | 37.68 |
| July - September..... | 275.3 | 12,093 | .63 | 5.54 | 158.6 | 38.35 |
| October - December..... | 121.8 | 12,169 | .66 | 5.62 | 183.0 | 44.54 |
| Total | 668.5 | 12,119 | .64 | 5.79 | 165.6 | 40.14 |
| 1998 | | | | | | |
| January - March..... | 151.4 | 12,123 | .64 | 6.25 | 162.3 | 39.36 |
| April - June..... | 71.4 | 12,128 | .64 | 5.65 | 159.8 | 38.77 |
| Total | 222.8 | 12,125 | .64 | 6.06 | 161.5 | 39.17 |
| Venezuela | | | | | | |
| 1992..... | 129.0 | 13,375 | .75 | 7.32 | 165.2 | 44.18 |
| 1993..... | 239.9 | 13,132 | .71 | 7.83 | 162.5 | 42.67 |
| 1994..... | 351.2 | 12,955 | .71 | 7.03 | 154.2 | 39.95 |
| 1995..... | 510.6 | 12,788 | .69 | 7.03 | 160.0 | 40.92 |
| 1996..... | 572.4 | 12,937 | .67 | 6.29 | 162.4 | 42.01 |
| 1997 | | | | | | |
| January - March..... | 27.8 | 12,705 | .75 | 8.48 | 162.2 | 41.21 |
| April - June..... | 83.9 | 13,136 | .72 | 6.23 | 163.6 | 42.98 |
| July - September..... | 110.7 | 13,203 | .65 | 5.58 | 164.6 | 43.47 |
| October - December..... | 70.1 | 13,143 | .67 | 6.86 | 169.3 | 44.49 |
| Total | 292.5 | 13,122 | .68 | 6.35 | 165.2 | 43.36 |
| 1998 | | | | | | |
| January - March..... | 119.2 | 13,270 | .65 | 7.33 | 154.1 | 40.89 |
| April - June..... | 33.5 | 13,063 | .66 | 8.96 | 149.1 | 38.96 |
| Total | 152.7 | 13,225 | .65 | 7.69 | 153.0 | 40.47 |
| Company and Plant: New England Power (NEES), Salem Harbor | | | | | | |
| Canada | | | | | | |
| 1992..... | 32.8 | 13,569 | 1.40 | 3.82 | 174.9 | 47.46 |
| Colombia | | | | | | |
| 1994..... | 84.2 | 12,017 | .57 | 6.07 | 159.9 | 38.44 |
| 1995..... | 250.1 | 12,166 | .60 | 5.26 | 147.9 | 35.99 |
| 1996..... | 202.9 | 12,069 | .57 | 5.77 | 148.6 | 35.86 |
| 1997 | | | | | | |
| January - March..... | 85.6 | 12,121 | .72 | 6.69 | 176.8 | 42.85 |
| April - June..... | 153.9 | 12,078 | .62 | 6.21 | 151.7 | 36.63 |
| July - September..... | 132.9 | 12,120 | .60 | 5.85 | 184.8 | 44.80 |
| October - December..... | 36.7 | 12,087 | .62 | 5.91 | 145.5 | 35.18 |
| Total | 409.1 | 12,101 | .63 | 6.17 | 167.2 | 40.46 |
| 1998 | | | | | | |
| January - March..... | 76.7 | 12,117 | .57 | 5.91 | 189.1 | 45.82 |
| April - June..... | 87.5 | 12,120 | .60 | 5.16 | 158.7 | 38.46 |
| Total | 164.2 | 12,119 | .59 | 5.51 | 172.9 | 41.90 |
| Venezuela | | | | | | |
| 1992..... | 34.8 | 12,893 | .58 | 7.02 | 145.3 | 37.47 |
| 1993..... | 236.2 | 12,921 | .57 | 6.65 | 162.5 | 41.99 |
| 1994..... | 565.5 | 12,678 | .64 | 6.49 | 159.6 | 40.47 |
| 1995..... | 393.1 | 12,846 | .65 | 6.34 | 162.4 | 41.72 |
| 1996..... | 563.1 | 12,849 | .70 | 6.17 | 155.5 | 39.96 |
| 1997 | | | | | | |
| October - December..... | 90.4 | 12,934 | .69 | 5.82 | 156.8 | 40.58 |
| Total | 90.4 | 12,934 | .69 | 5.82 | 156.8 | 40.58 |
| 1998 | | | | | | |
| January - March..... | 100.9 | 13,000 | .70 | 5.59 | 156.8 | 40.77 |
| April - June..... | 53.8 | 13,086 | .70 | 5.05 | 146.8 | 38.42 |
| Total | 154.7 | 13,030 | .70 | 5.40 | 153.3 | 39.96 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------------|------------------------------|--------------------------------|-----------------------------|--------------------------|--------------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Ohio Edison, Burger Plant | | | | | | |
| Indonesia 1992..... | 13.1 | 9,587 | 0.14 | 1.20 | 166.9 | 32.00 |
| Company and Plant: Public Serv Co of Indiana, Gallagher | | | | | | |
| Indonesia 1993..... | 11.1 | 9,242 | 0.13 | 1.35 | 104.8 | 19.38 |
| Company and Plant: Public Serv Co of New Hampshire, Merrimack | | | | | | |
| Colombia 1995..... | 11.5 | 11,578 | 0.53 | 3.80 | 192.9 | 44.67 |
| Indonesia 1993..... | 21.2 | 12,620 | .49 | 3.80 | 186.5 | 47.07 |
| 1997 October - December..... | 40.8 | 12,300 | .49 | 4.50 | 190.7 | 46.92 |
| Total | 40.8 | 12,300 | .49 | 4.50 | 190.7 | 46.92 |
| Venezuela 1993..... | 24.9 | 12,920 | .58 | 6.00 | 163.2 | 42.17 |
| 1996..... | 39.9 | 12,370 | .39 | 3.70 | 213.2 | 52.75 |
| Company and Plant: Public Serv Co of New Hampshire, Schiller | | | | | | |
| Colombia 1992..... | 48.4 | 12,428 | 0.61 | 6.31 | 157.2 | 39.08 |
| 1993..... | 52.1 | 12,861 | .64 | 7.49 | 150.0 | 38.59 |
| 1994..... | 163.3 | 12,505 | .62 | 5.55 | 135.5 | 33.89 |
| 1995..... | 122.9 | 12,733 | .62 | 6.70 | 160.0 | 40.73 |
| 1996..... | 32.3 | 12,169 | .66 | 5.68 | 161.9 | 39.41 |
| 1997 October - December..... | 35.4 | 13,231 | .63 | 6.70 | 160.1 | 42.37 |
| Total | 35.4 | 13,231 | .63 | 6.70 | 160.1 | 42.37 |
| 1998 January - March..... | 34.7 | 13,188 | .64 | 5.50 | 172.8 | 45.58 |
| Total | 34.7 | 13,188 | .64 | 5.50 | 172.8 | 45.58 |
| Indonesia 1993..... | 16.0 | 12,620 | .49 | 3.80 | 161.3 | 40.71 |
| 1994..... | 113.0 | 12,360 | .53 | 3.58 | 158.7 | 39.23 |
| 1995..... | 79.7 | 12,300 | .52 | 4.56 | 167.8 | 41.28 |
| 1996..... | 25.9 | 12,412 | .72 | 8.20 | 161.9 | 40.19 |
| Venezuela 1992..... | 34.3 | 12,881 | .58 | 6.76 | 168.0 | 43.29 |
| 1993..... | 84.3 | 12,972 | .58 | 6.08 | 138.6 | 35.95 |
| 1995..... | 82.4 | 13,044 | .71 | 7.24 | 156.5 | 40.84 |
| 1996..... | 56.1 | 13,061 | .67 | 6.04 | 159.8 | 41.75 |
| 1997 January - March..... | 28.5 | 11,669 | .88 | 7.90 | 160.0 | 37.34 |
| April - June..... | 98.9 | 12,707 | .66 | 5.50 | 161.9 | 41.15 |
| July - September..... | 101.5 | 11,893 | .63 | 6.24 | 159.7 | 38.00 |
| Total | 229.0 | 12,217 | .67 | 6.13 | 160.7 | 39.27 |
| 1998 January - March..... | 73.9 | 13,161 | .65 | 5.20 | 148.9 | 39.20 |
| April - June..... | 73.8 | 12,796 | .68 | 6.15 | 145.8 | 37.30 |
| Total | 147.7 | 12,979 | .67 | 5.67 | 147.4 | 38.25 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|-----------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Public Serv Electric & Gas Co, Mercer | | | | | | |
| Venezuela | | | | | | |
| 1998 | | | | | | |
| January - March..... | 39.0 | 12,998 | 0.68 | 5.50 | 155.3 | 40.37 |
| Total | 39.0 | 12,998 | .68 | 5.50 | 155.3 | 40.37 |
| Company and Plant: Public Serv Electric & Gas-NJ, Hudson | | | | | | |
| Colombia | | | | | | |
| 1994..... | 22.5 | 12,870 | 0.68 | 6.90 | 166.9 | 42.96 |
| Company and Plant: Savannah Electric and Power, Port Wentworth | | | | | | |
| Colombia | | | | | | |
| 1994..... | 11.9 | 11,235 | 0.69 | 5.87 | 214.1 | 48.12 |
| Venezuela | | | | | | |
| 1994..... | 16.8 | 12,575 | 1.12 | 8.60 | 168.0 | 42.25 |
| 1996..... | 209.9 | 12,143 | 1.08 | 6.71 | 152.8 | 37.11 |
| 1997 | | | | | | |
| January - March..... | 38.4 | 11,867 | 1.60 | 8.20 | 136.6 | 32.42 |
| April - June..... | 60.6 | 11,867 | 1.58 | 8.20 | 138.1 | 32.79 |
| July - September..... | 130.3 | 12,115 | 1.20 | 7.64 | 139.0 | 33.67 |
| October - December..... | 49.8 | 11,682 | .85 | 6.94 | 119.9 | 28.01 |
| Total | 279.1 | 11,949 | 1.28 | 7.72 | 135.1 | 32.29 |
| 1998 | | | | | | |
| January - March..... | 79.0 | 13,018 | .67 | 5.50 | 152.4 | 39.68 |
| April - June..... | 71.4 | 11,986 | 1.58 | 8.20 | 147.8 | 35.43 |
| Total | 150.3 | 12,528 | 1.10 | 6.78 | 150.3 | 37.66 |
| Company and Plant: Takoma Dept. of Public Utilities, Steam No.2 | | | | | | |
| Canada | | | | | | |
| 1992..... | 15.3 | 9,993 | 0.42 | 12.95 | 214.7 | 42.90 |
| 1993..... | 29.2 | 10,036 | .48 | 12.60 | 179.5 | 36.03 |
| 1994..... | 6.3 | 9,806 | .48 | 12.80 | 178.0 | 34.91 |
| 1995..... | 23.8 | 10,066 | .47 | 13.14 | 166.0 | 33.42 |
| 1996..... | 18.0 | 9,861 | .44 | 12.97 | 174.6 | 34.44 |
| 1997 | | | | | | |
| January - March..... | 4.4 | 9,979 | .36 | 12.97 | 172.0 | 34.33 |
| July - September..... | 5.2 | 10,283 | .48 | 11.65 | 171.0 | 35.17 |
| Total | 9.6 | 10,144 | .43 | 12.25 | 171.4 | 34.79 |
| Company and Plant: Tampa Electric, Davant Transfer | | | | | | |
| Colombia | | | | | | |
| 1993..... | 222.2 | 10,844 | 0.62 | 7.63 | 166.6 | 36.13 |
| Indonesia | | | | | | |
| 1994..... | 147.2 | 9,871 | .09 | 1.10 | 143.0 | 28.24 |
| 1995..... | 348.9 | 9,696 | .31 | 1.16 | 143.8 | 27.88 |
| 1996..... | 807.8 | 9,655 | .29 | 1.48 | 149.7 | 28.91 |
| 1997 | | | | | | |
| January - March..... | 218.8 | 9,482 | .37 | 1.67 | 161.3 | 30.59 |
| April - June..... | 68.2 | 9,521 | .32 | 1.50 | 163.3 | 31.10 |
| July - September..... | 219.9 | 9,736 | .35 | 1.20 | 163.3 | 31.80 |
| October - December..... | 234.3 | 9,649 | .34 | 1.43 | 163.3 | 31.52 |
| Total | 741.3 | 9,614 | .35 | 1.44 | 162.7 | 31.29 |
| 1998 | | | | | | |
| January - March..... | 73.8 | 9,507 | .38 | 1.10 | 163.3 | 31.05 |
| April - June..... | 223.5 | 9,623 | .21 | 1.13 | 157.9 | 30.38 |
| Total | 297.3 | 9,594 | .25 | 1.12 | 159.2 | 30.55 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|-----------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Tampa Electric, Davant Transfer | | | | | | |
| Venezuela | | | | | | |
| 1993..... | 61.4 | 11,056 | 1.48 | 9.78 | 220.7 | 48.80 |
| 1997 | | | | | | |
| October - December..... | 58.6 | 12,953 | 1.47 | 3.50 | 130.2 | 33.73 |
| Total | 58.6 | 12,953 | 1.47 | 3.50 | 130.2 | 33.73 |
| Company and Plant: United Illuminating Co, Bridgeport Harbor | | | | | | |
| Venezuela | | | | | | |
| 1996..... | 28.0 | 13,174 | 0.61 | 4.10 | 185.0 | 48.74 |
| 1997 | | | | | | |
| July - September..... | 35.0 | 13,387 | .64 | 4.30 | 169.6 | 45.41 |
| Total | 35.0 | 13,387 | .64 | 4.30 | 169.6 | 45.41 |
| 1998 | | | | | | |
| April - June..... | 36.0 | 13,677 | .58 | 4.00 | 161.6 | 44.20 |
| Total | 36.0 | 13,677 | .58 | 4.00 | 161.6 | 44.20 |
| Total of U.S. Electric Utility Plants | | | | | | |
| Canada | | | | | | |
| 1992..... | 48.1 | 12,432 | 1.09 | 6.72 | 185.1 | 46.01 |
| 1993..... | 29.2 | 10,036 | .48 | 12.60 | 179.5 | 36.03 |
| 1994..... | 63.3 | 10,885 | .26 | 10.53 | 152.4 | 33.19 |
| 1995..... | 23.8 | 10,066 | .47 | 13.14 | 166.0 | 33.42 |
| 1996..... | 18.0 | 9,861 | .44 | 12.97 | 174.6 | 34.44 |
| 1997 | | | | | | |
| January - March..... | 4.4 | 9,979 | .36 | 12.97 | 172.0 | 34.33 |
| July - September..... | 5.2 | 10,283 | .48 | 11.65 | 171.0 | 35.17 |
| Total | 9.6 | 10,144 | .43 | 12.25 | 171.4 | 34.79 |
| Colombia | | | | | | |
| 1992..... | 1,504.1 | 11,938 | .70 | 6.91 | 150.9 | 36.04 |
| 1993..... | 3,585.1 | 11,867 | .66 | 6.85 | 149.0 | 35.37 |
| 1994..... | 2,971.8 | 11,997 | .66 | 6.76 | 142.7 | 34.25 |
| 1995..... | 2,040.1 | 11,985 | .65 | 6.83 | 153.9 | 36.89 |
| 1996..... | 2,079.9 | 11,883 | .64 | 7.04 | 155.7 | 37.01 |
| 1997 | | | | | | |
| January - March..... | 336.6 | 11,964 | .68 | 6.72 | 167.7 | 40.12 |
| April - June..... | 738.9 | 11,947 | .68 | 6.94 | 152.1 | 36.35 |
| July - September..... | 907.5 | 12,077 | .79 | 6.54 | 158.8 | 38.36 |
| October - December..... | 761.4 | 12,070 | .61 | 6.68 | 161.2 | 38.90 |
| Total | 2,744.4 | 12,026 | .70 | 6.71 | 158.8 | 38.18 |
| 1998 | | | | | | |
| January - March..... | 680.8 | 12,049 | .63 | 6.61 | 160.8 | 38.74 |
| April - June..... | 523.1 | 11,996 | .61 | 6.18 | 153.2 | 36.75 |
| Total | 1,203.9 | 12,026 | .62 | 6.42 | 157.5 | 37.88 |
| Indonesia | | | | | | |
| 1992..... | 13.1 | 9,587 | .14 | 1.20 | 166.9 | 32.00 |
| 1993..... | 115.8 | 10,620 | .22 | 2.07 | 166.1 | 35.29 |
| 1994..... | 437.3 | 10,499 | .22 | 1.82 | 157.4 | 33.06 |
| 1995..... | 428.6 | 10,181 | .35 | 1.79 | 149.2 | 30.37 |
| 1996..... | 833.7 | 9,741 | .31 | 1.68 | 150.2 | 29.26 |
| 1997 | | | | | | |
| January - March..... | 218.8 | 9,482 | .37 | 1.67 | 161.3 | 30.59 |
| April - June..... | 68.2 | 9,521 | .32 | 1.50 | 163.3 | 31.10 |
| July - September..... | 219.9 | 9,736 | .35 | 1.20 | 163.3 | 31.80 |
| October - December..... | 275.0 | 10,042 | .36 | 1.89 | 168.3 | 33.80 |
| Total | 782.0 | 9,754 | .36 | 1.60 | 164.6 | 32.10 |
| 1998 | | | | | | |
| January - March..... | 73.8 | 9,507 | .38 | 1.10 | 163.3 | 31.05 |
| April - June..... | 223.5 | 9,623 | .21 | 1.13 | 157.9 | 30.38 |
| Total | 297.3 | 9,594 | .25 | 1.12 | 159.2 | 30.55 |

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

| Exporting Country and Time Period | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------------|------------------------------|--------------------------------|-----------------------------|--------------------------|--------------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Total of U.S. Electric Utility Plants | | | | | | |
| South Africa | | | | | | |
| 1994..... | 127.3 | 11,318 | 0.65 | 12.60 | 181.1 | 41.00 |
| Venezuela | | | | | | |
| 1992..... | 240.6 | 13,206 | .69 | 7.18 | 164.6 | 43.49 |
| 1993..... | 897.5 | 12,874 | .67 | 6.96 | 166.4 | 42.84 |
| 1994..... | 1,355.2 | 12,649 | .76 | 6.61 | 172.3 | 43.60 |
| 1995..... | 1,905.7 | 12,610 | .79 | 6.57 | 194.1 | 48.95 |
| 1996..... | 1,767.6 | 12,686 | .77 | 6.14 | 171.7 | 43.58 |
| 1997 | | | | | | |
| January - March..... | 164.2 | 12,530 | .93 | 7.41 | 161.8 | 40.55 |
| April - June..... | 331.7 | 12,851 | .84 | 6.16 | 161.7 | 41.56 |
| July - September..... | 478.9 | 12,616 | .80 | 6.41 | 159.3 | 40.21 |
| October - December..... | 360.2 | 12,830 | .82 | 6.12 | 153.7 | 39.43 |
| Total | 1,335.1 | 12,722 | .83 | 6.40 | 158.7 | 40.38 |
| 1998 | | | | | | |
| January - March..... | 611.0 | 13,112 | .66 | 6.29 | 158.6 | 41.59 |
| April - June..... | 459.7 | 12,849 | .83 | 6.75 | 154.2 | 39.63 |
| Total | 1,070.7 | 12,999 | .74 | 6.49 | 156.8 | 40.75 |

¹ Data reported on quality of coal as received.

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

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

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Baltimore Gas and Electric, Brandon Shores | | | | | | |
| 1992 | | | | | | |
| Kentucky | 215.0 | 12,922 | 0.73 | 7.38 | 154.9 | 40.04 |
| West Virginia | 2,318.0 | 12,692 | .68 | 9.92 | 153.4 | 38.93 |
| Total | 2,533.0 | 12,711 | .68 | 9.70 | 153.5 | 39.03 |
| 1993 | | | | | | |
| Kentucky | 841.0 | 12,940 | .70 | 7.64 | 158.0 | 40.89 |
| West Virginia | 1,583.0 | 12,700 | .67 | 9.65 | 154.4 | 39.21 |
| Colombia | 224.0 | 12,354 | .64 | 6.32 | 149.8 | 37.02 |
| Total | 2,648.0 | 12,747 | .68 | 8.73 | 155.2 | 39.56 |
| 1994 | | | | | | |
| Kentucky | 664.0 | 12,992 | .72 | 7.72 | 156.5 | 40.66 |
| Virginia | 1.0 | 12,354 | .74 | 9.30 | 147.2 | 36.37 |
| West Virginia | 2,728.0 | 12,496 | .67 | 10.90 | 148.9 | 37.21 |
| Colombia | 88.0 | 12,379 | .66 | 7.36 | 147.3 | 36.46 |
| Total | 3,481.0 | 12,587 | .68 | 10.20 | 150.3 | 37.85 |
| 1995 | | | | | | |
| Kentucky | 667.0 | 13,241 | .73 | 6.41 | 152.5 | 40.39 |
| West Virginia | 2,787.0 | 12,457 | .68 | 11.05 | 146.2 | 36.42 |
| Total | 3,454.0 | 12,608 | .69 | 10.15 | 147.5 | 37.19 |
| 1996 | | | | | | |
| Kentucky | 611.0 | 13,080 | .74 | 7.09 | 150.9 | 39.48 |
| West Virginia | 3,254.0 | 12,437 | .68 | 11.34 | 142.2 | 35.37 |
| Total | 3,865.0 | 12,539 | .69 | 10.66 | 143.6 | 36.02 |
| 1997 | | | | | | |
| Kentucky | 485.0 | 13,051 | .75 | 6.84 | 147.3 | 38.45 |
| West Virginia | 2,871.0 | 12,512 | .67 | 11.37 | 140.9 | 35.27 |
| Total | 3,356.0 | 12,590 | .68 | 10.71 | 141.9 | 35.73 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 115.0 | 12,963 | .76 | 7.26 | 146.0 | 37.86 |
| West Virginia | 694.0 | 12,461 | .69 | 11.52 | 138.3 | 34.46 |
| Total | 809.0 | 12,532 | .70 | 10.92 | 139.4 | 34.94 |
| April - June | | | | | | |
| Kentucky | 144.0 | 13,142 | .75 | 6.12 | 146.4 | 38.49 |
| West Virginia | 701.0 | 12,488 | .69 | 11.47 | 138.6 | 34.62 |
| Total | 845.0 | 12,600 | .70 | 10.55 | 140.0 | 35.28 |
| Year to Date | | | | | | |
| Kentucky | 259.0 | 13,063 | .75 | 6.62 | 146.3 | 38.21 |
| West Virginia | 1,395.0 | 12,475 | .69 | 11.49 | 138.4 | 34.54 |
| Total | 1,654.0 | 12,567 | .70 | 10.73 | 139.7 | 35.11 |
| Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2 | | | | | | |
| 1992 | | | | | | |
| Wyoming | 5,343.7 | 8,368 | 0.46 | 5.30 | 147.5 | 24.69 |
| Total | 5,343.7 | 8,368 | .46 | 5.30 | 147.5 | 24.69 |
| 1993 | | | | | | |
| Wyoming | 5,701.1 | 8,332 | .43 | 5.27 | 151.9 | 25.31 |
| Total | 5,701.1 | 8,332 | .43 | 5.27 | 151.9 | 25.31 |
| 1994 | | | | | | |
| Colorado | 37.4 | 11,957 | .45 | 8.01 | 156.4 | 37.40 |
| Wyoming | 5,588.0 | 8,442 | .36 | 4.93 | 152.2 | 25.70 |
| Indonesia | 169.2 | 9,702 | .10 | 1.20 | 166.8 | 32.36 |
| Total | 5,794.6 | 8,502 | .35 | 4.84 | 152.8 | 25.97 |
| 1995 | | | | | | |
| Wyoming | 5,844.5 | 8,469 | .35 | 4.99 | 157.6 | 26.69 |
| Total | 5,844.5 | 8,469 | .35 | 4.99 | 157.6 | 26.69 |
| 1996 | | | | | | |
| Wyoming | 5,394.2 | 8,500 | .41 | 5.18 | 161.1 | 27.38 |
| Total | 5,394.2 | 8,500 | .41 | 5.18 | 161.1 | 27.38 |
| 1997 | | | | | | |
| Wyoming | 5,762.0 | 8,467 | .45 | 5.27 | 154.9 | 26.23 |
| Total | 5,762.0 | 8,467 | .45 | 5.27 | 154.9 | 26.23 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Wyoming | 1,545.8 | 8,457 | .44 | 5.34 | 145.2 | 24.56 |
| Total | 1,545.8 | 8,457 | .44 | 5.34 | 145.2 | 24.56 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2 | | | | | | |
| 1998 | | | | | | |
| April - June | | | | | | |
| Wyoming | 1,353.5 | 8,442 | 0.45 | 5.38 | 147.1 | 24.84 |
| Total | 1,353.5 | 8,442 | .45 | 5.38 | 147.1 | 24.84 |
| Year to Date | | | | | | |
| Wyoming | 2,899.3 | 8,450 | .44 | 5.36 | 146.1 | 24.69 |
| Total | 2,899.3 | 8,450 | .44 | 5.36 | 146.1 | 24.69 |
| Company and Plant: Carolina Power and Light, Sutton | | | | | | |
| 1992 | | | | | | |
| Kentucky | 434.3 | 12,498 | 0.94 | 9.57 | 152.9 | 38.22 |
| West Virginia | 332.4 | 12,354 | .90 | 11.40 | 157.9 | 39.02 |
| Total | 766.7 | 12,436 | .93 | 10.36 | 155.1 | 38.57 |
| 1993 | | | | | | |
| Kentucky | 542.1 | 12,601 | 1.00 | 9.14 | 157.9 | 39.79 |
| Virginia | 44.9 | 12,693 | 1.13 | 10.10 | 177.5 | 45.06 |
| West Virginia | 36.5 | 12,301 | .77 | 10.12 | 177.3 | 43.61 |
| Total | 623.5 | 12,590 | 1.00 | 9.27 | 160.4 | 40.39 |
| 1994 | | | | | | |
| Kentucky | 373.4 | 12,646 | 1.12 | 9.29 | 159.5 | 40.34 |
| Virginia | 10.0 | 12,866 | 1.09 | 9.06 | 174.2 | 44.81 |
| West Virginia | 161.7 | 12,458 | .88 | 11.77 | 170.7 | 42.54 |
| Colombia | 26.6 | 12,200 | .70 | 9.00 | 145.5 | 35.50 |
| Total | 571.7 | 12,576 | 1.03 | 9.97 | 162.3 | 40.82 |
| 1995 | | | | | | |
| Kentucky | 495.6 | 12,584 | 1.00 | 9.14 | 150.7 | 37.93 |
| West Virginia | 132.3 | 12,703 | .91 | 9.82 | 164.4 | 41.78 |
| Total | 627.9 | 12,609 | .98 | 9.29 | 153.6 | 38.74 |
| 1996 | | | | | | |
| Kentucky | 936.3 | 12,293 | 1.01 | 10.60 | 150.8 | 37.07 |
| West Virginia | 122.2 | 12,729 | .92 | 10.02 | 170.6 | 43.44 |
| Total | 1,058.5 | 12,343 | 1.00 | 10.53 | 153.1 | 37.80 |
| 1997 | | | | | | |
| Kentucky | 675.9 | 12,404 | 1.10 | 10.69 | 145.3 | 36.05 |
| West Virginia | 114.0 | 12,881 | .95 | 9.58 | 170.9 | 44.01 |
| Total | 789.9 | 12,473 | 1.08 | 10.53 | 149.1 | 37.20 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 306.3 | 12,382 | 1.06 | 10.23 | 144.9 | 35.88 |
| West Virginia | 42.2 | 12,594 | .94 | 9.88 | 160.5 | 40.42 |
| Total | 348.5 | 12,407 | 1.05 | 10.19 | 146.8 | 36.43 |
| April - June | | | | | | |
| Kentucky | 186.7 | 12,421 | 1.00 | 10.29 | 142.7 | 35.45 |
| West Virginia | 51.5 | 12,818 | .89 | 9.65 | 160.2 | 41.07 |
| Total | 238.2 | 12,507 | .97 | 10.15 | 146.6 | 36.66 |
| Year to Date | | | | | | |
| Kentucky | 493.0 | 12,397 | 1.04 | 10.26 | 144.1 | 35.72 |
| West Virginia | 93.7 | 12,717 | .91 | 9.75 | 160.3 | 40.78 |
| Total | 586.7 | 12,448 | 1.02 | 10.18 | 146.7 | 36.52 |
| Company and Plant: Central Hudson Gas & Electric, Danskammer | | | | | | |
| 1992 | | | | | | |
| Kentucky | 61.5 | 12,983 | 0.64 | 6.62 | 185.4 | 48.13 |
| West Virginia | 819.9 | 13,021 | .59 | 7.56 | 181.8 | 47.35 |
| Total | 881.4 | 13,018 | .59 | 7.50 | 182.1 | 47.40 |
| 1993 | | | | | | |
| West Virginia | 693.0 | 13,097 | .62 | 7.55 | 184.7 | 48.38 |
| Total | 693.0 | 13,097 | .62 | 7.55 | 184.7 | 48.38 |
| 1994 | | | | | | |
| Kentucky | 348.6 | 12,963 | .58 | 7.93 | 188.7 | 48.93 |
| West Virginia | 419.7 | 13,185 | .66 | 7.54 | 192.5 | 50.76 |
| Total | 768.2 | 13,084 | .62 | 7.72 | 190.8 | 49.93 |
| 1995 | | | | | | |
| Kentucky | 308.8 | 12,859 | .59 | 8.29 | 193.4 | 49.74 |
| West Virginia | 292.5 | 13,112 | .67 | 7.87 | 198.7 | 52.11 |
| Venezuela | 28.2 | 13,281 | .56 | 7.30 | 224.1 | 59.53 |
| Total | 629.5 | 12,995 | .62 | 8.05 | 197.3 | 51.28 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Central Hudson Gas & Electric, Danskammer | | | | | | |
| 1996 | | | | | | |
| Kentucky | 462.4 | 12,822 | 0.65 | 8.55 | 193.2 | 49.55 |
| West Virginia | 351.4 | 13,061 | .68 | 7.86 | 200.5 | 52.38 |
| Total | 813.8 | 12,925 | .66 | 8.25 | 196.4 | 50.77 |
| 1997 | | | | | | |
| Kentucky | 72.3 | 12,933 | .66 | 8.45 | 180.2 | 46.62 |
| West Virginia | 246.2 | 13,191 | .62 | 7.78 | 177.0 | 46.70 |
| Colombia | 147.0 | 13,032 | .65 | 7.17 | 171.3 | 44.64 |
| Venezuela | 350.4 | 13,172 | .65 | 6.40 | 173.1 | 45.61 |
| Total | 815.9 | 13,131 | .64 | 7.14 | 174.6 | 45.85 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 77.5 | 12,955 | .69 | 8.38 | 174.1 | 45.10 |
| West Virginia | 9.7 | 12,979 | .65 | 8.50 | 173.3 | 44.99 |
| Colombia | 34.8 | 13,309 | .62 | 7.38 | 166.8 | 45.20 |
| Venezuela | 122.6 | 13,311 | .59 | 7.02 | 169.8 | 45.21 |
| Total | 244.6 | 13,185 | .63 | 7.56 | 171.3 | 45.16 |
| April - June | | | | | | |
| Kentucky | 116.2 | 12,971 | .65 | 8.42 | 170.8 | 44.30 |
| West Virginia | 10.2 | 12,704 | .69 | 10.95 | 166.6 | 42.33 |
| Venezuela | 104.9 | 13,184 | .65 | 7.70 | 170.0 | 44.82 |
| Total | 231.3 | 13,055 | .65 | 8.21 | 170.2 | 44.45 |
| Year to Date | | | | | | |
| Kentucky | 193.7 | 12,964 | .67 | 8.40 | 172.1 | 44.62 |
| West Virginia | 19.9 | 12,838 | .67 | 9.76 | 169.9 | 43.62 |
| Colombia | 34.8 | 13,309 | .62 | 7.38 | 169.8 | 45.20 |
| Venezuela | 227.5 | 13,252 | .62 | 7.33 | 169.9 | 45.03 |
| Total | 475.9 | 13,122 | .64 | 7.87 | 170.8 | 44.82 |
| Company and Plant: City Public Service, San Antonio JT Deely/Spruce | | | | | | |
| 1992 | | | | | | |
| Wyoming | 3,542.9 | 8,489 | 0.33 | 5.43 | 127.9 | 21.72 |
| Total | 3,542.9 | 8,489 | .33 | 5.43 | 127.9 | 21.72 |
| 1993 | | | | | | |
| Wyoming | 5,286.0 | 8,423 | .33 | 5.22 | 118.2 | 19.92 |
| Total | 5,286.0 | 8,423 | .33 | 5.22 | 118.2 | 19.92 |
| 1994 | | | | | | |
| Wyoming | 4,606.0 | 8,406 | .34 | 5.42 | 112.9 | 18.98 |
| Total | 4,606.0 | 8,406 | .34 | 5.42 | 112.9 | 18.98 |
| 1995 | | | | | | |
| Colorado | 22.0 | 10,536 | .41 | 5.20 | 129.5 | 27.29 |
| Texas | 40.0 | 10,540 | 1.03 | 21.69 | 120.2 | 25.33 |
| Wyoming | 5,284.0 | 8,393 | .36 | 5.71 | 111.1 | 18.66 |
| Total | 5,346.0 | 8,418 | .36 | 5.83 | 111.3 | 18.74 |
| 1996 | | | | | | |
| Colorado | 11.0 | 10,751 | .59 | 5.10 | 131.2 | 28.21 |
| Wyoming | 5,488.0 | 8,333 | .35 | 6.11 | 101.8 | 16.96 |
| Total | 5,499.0 | 8,338 | .35 | 6.11 | 101.9 | 16.99 |
| 1997 | | | | | | |
| Wyoming | 4,781.0 | 8,350 | .36 | 6.00 | 97.2 | 16.23 |
| Colombia | 73.0 | 11,603 | .34 | 3.89 | 176.9 | 41.06 |
| Total | 4,854.0 | 8,399 | .36 | 5.96 | 98.9 | 16.61 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Wyoming | 1,160.0 | 8,348 | .35 | 5.98 | 98.2 | 16.40 |
| Colombia | 24.0 | 11,600 | .33 | 3.80 | 200.6 | 46.54 |
| Total | 1,184.0 | 8,414 | .35 | 5.93 | 101.1 | 17.01 |
| April - June | | | | | | |
| Wyoming | 1,290.0 | 8,361 | .35 | 6.12 | 99.7 | 16.67 |
| Venezuela | 9.0 | 12,855 | .70 | 6.00 | 185.8 | 47.77 |
| Total | 1,299.0 | 8,392 | .35 | 6.12 | 100.6 | 16.88 |
| Year to Date | | | | | | |
| Wyoming | 2,450.0 | 8,355 | .35 | 6.05 | 99.0 | 16.54 |
| Colombia | 24.0 | 11,600 | .33 | 3.80 | 200.6 | 46.54 |
| Venezuela | 9.0 | 12,855 | .70 | 6.00 | 185.8 | 47.77 |
| Total | 2,483.0 | 8,403 | .35 | 6.03 | 100.8 | 16.94 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Central Power and Light (CSW), Coletto Creek | | | | | | |
| 1992 | | | | | | |
| Colorado..... | 1,780.7 | 10,885 | 0.39 | 6.32 | 205.0 | 44.63 |
| Colombia..... | 37.2 | 12,892 | .62 | 7.90 | 174.5 | 44.99 |
| Venezuela..... | 42.5 | 13,214 | .66 | 7.20 | 175.8 | 46.46 |
| Total | 1,860.4 | 10,978 | .40 | 6.37 | 203.5 | 44.68 |
| 1993 | | | | | | |
| Colorado..... | 1,778.0 | 10,577 | .40 | 6.61 | 203.1 | 42.96 |
| Colombia..... | 122.5 | 12,109 | .60 | 5.90 | 148.5 | 35.98 |
| Total | 1,900.5 | 10,676 | .41 | 6.56 | 199.1 | 42.51 |
| 1994 | | | | | | |
| Colorado..... | 1,664.9 | 10,760 | .41 | 6.77 | 199.7 | 42.98 |
| Colombia..... | 153.4 | 11,929 | .55 | 5.03 | 148.9 | 35.51 |
| Total | 1,818.3 | 10,858 | .42 | 6.63 | 195.0 | 42.35 |
| 1995 | | | | | | |
| Colorado..... | 1,724.7 | 11,092 | .42 | 6.92 | 169.2 | 37.53 |
| Wyoming..... | 119.4 | 8,764 | .34 | 5.20 | 163.5 | 28.66 |
| Total | 1,844.1 | 10,941 | .41 | 6.81 | 168.9 | 36.95 |
| 1996 | | | | | | |
| Colorado..... | 1,823.5 | 10,482 | .39 | 5.77 | 133.8 | 28.06 |
| Wyoming..... | 188.0 | 8,492 | .31 | 5.73 | 142.9 | 24.27 |
| Total | 2,011.6 | 10,296 | .38 | 5.77 | 134.5 | 27.70 |
| 1997 | | | | | | |
| Colorado..... | 1,517.0 | 10,281 | .38 | 6.10 | 135.3 | 27.83 |
| Wyoming..... | 252.4 | 8,713 | .47 | 5.12 | 134.4 | 23.41 |
| Colombia..... | 26.0 | 11,665 | .47 | 6.00 | 173.2 | 40.41 |
| Total | 1,795.4 | 10,081 | .40 | 5.96 | 135.9 | 27.39 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Colorado..... | 376.4 | 10,469 | .35 | 5.80 | 140.8 | 29.49 |
| Wyoming..... | 172.5 | 8,735 | .41 | 5.22 | 131.3 | 22.94 |
| Total | 549.0 | 9,924 | .37 | 5.62 | 138.2 | 27.43 |
| April - June | | | | | | |
| Colorado..... | 248.2 | 10,472 | .36 | 5.50 | 139.8 | 29.28 |
| Wyoming..... | 287.8 | 8,681 | .21 | 4.43 | 130.3 | 22.63 |
| Colombia..... | 23.7 | 12,760 | .66 | 6.60 | 188.3 | 48.05 |
| Total | 559.7 | 9,648 | .30 | 4.99 | 138.1 | 26.65 |
| Year to Date | | | | | | |
| Colorado..... | 624.6 | 10,470 | .36 | 5.68 | 140.4 | 29.40 |
| Wyoming..... | 460.3 | 8,701 | .29 | 4.73 | 130.7 | 22.75 |
| Colombia..... | 23.7 | 12,760 | .66 | 6.60 | 188.3 | 48.05 |
| Total | 1,108.6 | 9,785 | .33 | 5.30 | 138.2 | 27.04 |
| Company and Plant: Delmarva Power & Light, Edgemoor | | | | | | |
| 1992 | | | | | | |
| Virginia..... | 90.2 | 13,101 | 0.82 | 8.68 | 201.3 | 52.74 |
| West Virginia..... | 463.8 | 13,101 | .79 | 8.64 | 180.0 | 47.16 |
| Total | 554.0 | 13,101 | .80 | 8.65 | 183.4 | 48.06 |
| 1993 | | | | | | |
| Virginia..... | 192.3 | 13,209 | .86 | 8.00 | 200.3 | 52.90 |
| West Virginia..... | 250.2 | 13,171 | .81 | 8.63 | 178.0 | 46.88 |
| Total | 442.5 | 13,188 | .83 | 8.36 | 187.7 | 49.50 |
| 1994 | | | | | | |
| Kentucky..... | 7.0 | 12,991 | .57 | 6.53 | 165.3 | 42.95 |
| Maryland..... | 13.3 | 13,070 | .74 | 6.23 | 168.2 | 43.97 |
| Virginia..... | 28.6 | 12,995 | .88 | 8.72 | 164.7 | 42.80 |
| West Virginia..... | 604.3 | 13,074 | .79 | 8.74 | 157.9 | 41.29 |
| Colombia..... | 22.0 | 12,370 | .58 | 5.98 | 168.2 | 41.61 |
| Total | 675.2 | 13,046 | .78 | 8.58 | 158.8 | 41.44 |
| 1995 | | | | | | |
| Maryland..... | 37.9 | 12,867 | .76 | 9.73 | 161.6 | 41.59 |
| Pennsylvania..... | .6 | 12,431 | .82 | 10.42 | 154.7 | 38.46 |
| West Virginia..... | 432.6 | 12,988 | .78 | 9.04 | 162.9 | 42.31 |
| Total | 471.1 | 12,978 | .78 | 9.10 | 162.8 | 42.25 |
| 1996 | | | | | | |
| Maryland..... | 14.7 | 12,868 | .69 | 10.30 | 161.0 | 41.43 |
| Pennsylvania..... | .1 | 12,559 | .82 | 10.42 | 153.1 | 38.46 |
| West Virginia..... | 487.3 | 12,887 | .77 | 9.67 | 160.2 | 41.28 |
| Total | 502.0 | 12,886 | .76 | 9.69 | 160.2 | 41.29 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Delmarva Power & Light, Edgemoor | | | | | | |
| 1997 | | | | | | |
| Pennsylvania | 18.3 | 10,772 | 0.58 | 11.12 | 151.2 | 32.57 |
| Virginia | 187.5 | 13,211 | .85 | 8.98 | 156.7 | 41.40 |
| West Virginia | 299.3 | 12,796 | .76 | 10.25 | 161.5 | 41.34 |
| Total | 505.2 | 12,877 | .79 | 9.81 | 159.4 | 41.05 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 10.7 | 12,935 | .79 | 6.40 | 163.8 | 42.38 |
| Pennsylvania | 3.4 | 10,573 | .66 | 9.97 | 150.3 | 31.79 |
| Virginia | 8.6 | 13,159 | .83 | 8.30 | 158.1 | 41.61 |
| West Virginia | 115.5 | 12,648 | .73 | 10.38 | 160.5 | 40.60 |
| Total | 138.1 | 12,651 | .74 | 9.93 | 160.4 | 40.58 |
| April - June | | | | | | |
| Pennsylvania | 2.0 | 10,798 | .58 | 10.00 | 151.3 | 32.67 |
| West Virginia | 91.3 | 12,663 | .70 | 10.85 | 159.6 | 40.42 |
| Total | 93.3 | 12,623 | .69 | 10.84 | 159.4 | 40.25 |
| Year to Date | | | | | | |
| Kentucky | 10.7 | 12,935 | .79 | 6.40 | 163.8 | 42.38 |
| Pennsylvania | 5.4 | 10,657 | .63 | 9.98 | 150.7 | 32.12 |
| Virginia | 8.6 | 13,159 | .83 | 8.30 | 158.1 | 41.61 |
| West Virginia | 206.7 | 12,655 | .72 | 10.59 | 160.1 | 40.52 |
| Total | 231.4 | 12,640 | .72 | 10.30 | 160.0 | 40.45 |
| Company and Plant: Delmarva Power and Light, Indian River | | | | | | |
| 1992 | | | | | | |
| Pennsylvania | 137.4 | 13,104 | 1.40 | 9.31 | 177.9 | 46.62 |
| West Virginia | 840.2 | 13,034 | 1.12 | 8.88 | 166.1 | 43.29 |
| Total | 977.6 | 13,044 | 1.16 | 8.94 | 167.7 | 43.76 |
| 1993 | | | | | | |
| Maryland | 45.1 | 12,966 | 1.29 | 9.49 | 160.4 | 41.59 |
| Pennsylvania | 216.3 | 12,971 | 1.32 | 9.58 | 164.2 | 42.60 |
| Virginia | 14.0 | 13,273 | .77 | 6.90 | 188.2 | 49.96 |
| West Virginia | 1,290.6 | 12,980 | .90 | 9.25 | 163.3 | 42.40 |
| Total | 1,565.9 | 12,981 | .97 | 9.28 | 163.6 | 42.48 |
| 1994 | | | | | | |
| Kentucky | 29.4 | 12,899 | .59 | 6.90 | 179.3 | 46.25 |
| Maryland | 125.0 | 13,164 | 1.44 | 10.23 | 147.9 | 38.95 |
| Pennsylvania | 251.2 | 13,004 | 1.29 | 8.96 | 161.1 | 41.89 |
| Virginia | 56.5 | 13,125 | .76 | 7.30 | 180.8 | 47.45 |
| West Virginia | 1,146.2 | 12,858 | .88 | 9.45 | 164.4 | 42.27 |
| Total | 1,608.3 | 12,915 | .98 | 9.31 | 163.4 | 42.21 |
| 1995 | | | | | | |
| Maryland | 227.9 | 13,155 | 1.38 | 9.89 | 149.3 | 39.29 |
| Pennsylvania | 352.3 | 13,227 | 1.44 | 6.90 | 148.8 | 39.37 |
| Virginia | 23.2 | 13,382 | 1.46 | 6.53 | 143.0 | 38.28 |
| West Virginia | 638.7 | 13,050 | .76 | 8.71 | 172.6 | 45.04 |
| Colombia | 7.1 | 13,141 | .75 | 7.07 | 180.3 | 47.39 |
| Total | 1,249.2 | 13,126 | 1.08 | 8.36 | 161.1 | 42.28 |
| 1996 | | | | | | |
| Maryland | 262.5 | 13,158 | 1.41 | 9.26 | 149.7 | 39.38 |
| Pennsylvania | 390.6 | 13,271 | 1.44 | 6.73 | 146.3 | 38.84 |
| West Virginia | 589.8 | 12,907 | .76 | 8.99 | 172.1 | 44.42 |
| Total | 1,242.9 | 13,074 | 1.11 | 8.33 | 159.1 | 41.60 |
| 1997 | | | | | | |
| Maryland | 160.8 | 13,158 | 1.46 | 9.17 | 147.8 | 38.89 |
| Pennsylvania | 482.5 | 13,275 | 1.39 | 7.22 | 141.3 | 37.52 |
| West Virginia | 533.9 | 13,017 | .70 | 8.70 | 172.5 | 44.90 |
| Total | 1,177.1 | 13,142 | 1.08 | 8.16 | 156.2 | 41.05 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 10.5 | 13,058 | .58 | 6.50 | 181.5 | 47.40 |
| Maryland | 7.1 | 13,367 | 1.56 | 9.00 | 146.1 | 39.06 |
| Pennsylvania | 180.4 | 13,180 | 1.39 | 7.29 | 142.6 | 37.58 |
| Virginia | 19.3 | 13,304 | .80 | 7.68 | 178.0 | 47.35 |
| West Virginia | 46.3 | 12,615 | .67 | 10.48 | 172.4 | 43.49 |
| Total | 263.5 | 13,090 | 1.19 | 7.90 | 151.9 | 39.76 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Delmarva Power and Light, Indian River | | | | | | |
| 1998 | | | | | | |
| April - June | | | | | | |
| Kentucky..... | 32.8 | 12,684 | 0.62 | 6.40 | 178.1 | 45.17 |
| Maryland..... | 49.5 | 13,028 | 1.46 | 8.56 | 146.3 | 38.13 |
| Pennsylvania..... | 54.0 | 13,155 | 1.36 | 6.79 | 142.2 | 37.40 |
| Virginia..... | 37.4 | 13,700 | .84 | 5.84 | 177.9 | 48.75 |
| West Virginia..... | 61.6 | 12,436 | .66 | 11.90 | 165.8 | 41.23 |
| Total..... | 235.2 | 12,961 | 1.01 | 8.29 | 159.9 | 41.44 |
| Year to Date | | | | | | |
| Kentucky..... | 43.2 | 12,775 | .61 | 6.42 | 178.9 | 45.71 |
| Maryland..... | 56.7 | 13,070 | 1.47 | 8.61 | 146.3 | 38.25 |
| Pennsylvania..... | 234.3 | 13,175 | 1.39 | 7.18 | 142.5 | 37.54 |
| Virginia..... | 56.6 | 13,565 | .82 | 6.47 | 177.9 | 48.28 |
| West Virginia..... | 107.8 | 12,513 | .67 | 11.30 | 168.6 | 42.20 |
| Total..... | 498.7 | 13,029 | 1.11 | 8.08 | 155.6 | 40.56 |
| Company and Plant: Detroit Edison Co, River Rouge | | | | | | |
| 1992 | | | | | | |
| Kentucky..... | 62.0 | 12,795 | 0.80 | 8.07 | 194.5 | 49.77 |
| West Virginia..... | 697.0 | 12,570 | .68 | 11.04 | 156.1 | 39.24 |
| Wyoming..... | 209.0 | 8,720 | .24 | 4.80 | 105.3 | 18.37 |
| Total..... | 968.0 | 11,753 | .59 | 9.50 | 150.6 | 35.41 |
| 1993 | | | | | | |
| Colorado..... | 11.0 | 11,620 | .53 | 8.80 | 147.6 | 34.30 |
| Kentucky..... | 359.0 | 12,638 | .87 | 8.49 | 175.7 | 44.42 |
| Virginia..... | 10.0 | 13,583 | .81 | 5.40 | 200.3 | 54.41 |
| West Virginia..... | 479.0 | 12,457 | .72 | 11.64 | 155.2 | 38.67 |
| Wyoming..... | 399.0 | 8,752 | .25 | 4.91 | 104.0 | 18.21 |
| Total..... | 1,258.0 | 11,335 | .61 | 8.53 | 149.6 | 33.91 |
| 1994 | | | | | | |
| Colorado..... | 21.0 | 11,838 | .48 | 8.38 | 146.2 | 34.61 |
| Kentucky..... | 246.0 | 12,658 | .81 | 8.22 | 178.4 | 45.17 |
| West Virginia..... | 630.0 | 12,446 | .72 | 11.76 | 161.8 | 40.28 |
| Wyoming..... | 317.0 | 8,784 | .27 | 5.09 | 106.1 | 18.64 |
| Canada..... | 57.0 | 11,005 | .23 | 10.28 | 149.9 | 32.99 |
| Total..... | 1,271.0 | 11,499 | .60 | 9.29 | 154.0 | 35.41 |
| 1995 | | | | | | |
| Colorado..... | 44.0 | 11,818 | .48 | 8.10 | 149.3 | 35.29 |
| Kentucky..... | 220.0 | 12,840 | .72 | 7.59 | 170.2 | 43.70 |
| West Virginia..... | 412.0 | 12,292 | .78 | 12.35 | 154.3 | 37.93 |
| Wyoming..... | 614.0 | 8,766 | .26 | 5.11 | 105.6 | 18.51 |
| Total..... | 1,290.0 | 10,691 | .51 | 7.95 | 138.4 | 29.58 |
| 1996 | | | | | | |
| Kentucky..... | 351.0 | 12,742 | .82 | 8.24 | 159.6 | 40.67 |
| West Virginia..... | 332.0 | 12,176 | .85 | 13.10 | 141.2 | 34.40 |
| Wyoming..... | 638.0 | 8,783 | .26 | 4.94 | 104.4 | 18.34 |
| Total..... | 1,321.0 | 10,688 | .56 | 7.87 | 132.4 | 28.31 |
| 1997 | | | | | | |
| Kentucky..... | 347.0 | 12,800 | .83 | 8.49 | 144.6 | 37.03 |
| Pennsylvania..... | 20.0 | 13,246 | 1.56 | 6.60 | 123.3 | 32.66 |
| West Virginia..... | 342.0 | 12,199 | .85 | 12.62 | 142.9 | 34.86 |
| Wyoming..... | 675.0 | 8,789 | .30 | 5.01 | 102.9 | 18.09 |
| Total..... | 1,384.0 | 10,702 | .59 | 7.79 | 127.1 | 27.19 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky..... | 47.0 | 12,930 | .83 | 8.51 | 138.7 | 35.88 |
| West Virginia..... | 125.0 | 13,038 | .74 | 8.32 | 141.3 | 36.85 |
| Wyoming..... | 151.0 | 8,788 | .29 | 5.17 | 97.6 | 17.16 |
| Total..... | 323.0 | 11,035 | .54 | 6.87 | 124.6 | 27.51 |
| April - June | | | | | | |
| Kentucky..... | 116.0 | 13,202 | .86 | 8.37 | 140.0 | 36.96 |
| West Virginia..... | 84.0 | 12,995 | .69 | 8.71 | 141.7 | 36.84 |
| Wyoming..... | 234.0 | 8,741 | .32 | 5.19 | 93.8 | 16.39 |
| Total..... | 434.0 | 10,757 | .54 | 6.72 | 120.1 | 25.85 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Detroit Edison Co, River Rouge | | | | | | |
| 1998 | | | | | | |
| Year to Date | | | | | | |
| Kentucky..... | 163.0 | 13,124 | 0.85 | 8.41 | 139.6 | 36.65 |
| West Virginia..... | 209.0 | 13,021 | .72 | 8.48 | 141.5 | 36.85 |
| Wyoming..... | 385.0 | 8,760 | .31 | 5.18 | 95.3 | 16.69 |
| Total..... | 757.0 | 10,876 | .54 | 6.79 | 122.1 | 26.55 |
| Company and Plant: Florida Power Corp, IMT Transfer | | | | | | |
| 1992 | | | | | | |
| Kentucky..... | 1,183.1 | 12,423 | 0.86 | 8.98 | 170.0 | 42.23 |
| West Virginia..... | 195.7 | 12,633 | .80 | 9.90 | 167.1 | 42.23 |
| Total..... | 1,378.8 | 12,452 | .85 | 9.11 | 169.6 | 42.23 |
| 1993 | | | | | | |
| Kentucky..... | 612.5 | 12,469 | .86 | 9.30 | 167.3 | 41.72 |
| West Virginia..... | 383.9 | 12,568 | .69 | 9.19 | 168.6 | 42.38 |
| Total..... | 996.4 | 12,507 | .79 | 9.26 | 167.8 | 41.98 |
| 1994 | | | | | | |
| Kentucky..... | 677.2 | 12,429 | .83 | 9.69 | 181.1 | 45.01 |
| West Virginia..... | 658.5 | 12,552 | .71 | 9.50 | 173.0 | 43.43 |
| Venezuela..... | 84.4 | 12,778 | .64 | 6.50 | 156.3 | 39.93 |
| Total..... | 1,420.1 | 12,507 | .77 | 9.41 | 175.8 | 43.97 |
| 1995 | | | | | | |
| Kentucky..... | 739.7 | 12,496 | .75 | 9.01 | 170.4 | 42.59 |
| West Virginia..... | 546.2 | 12,502 | .75 | 9.48 | 173.9 | 43.48 |
| Total..... | 1,285.8 | 12,498 | .75 | 9.21 | 171.9 | 42.97 |
| 1996 | | | | | | |
| Kentucky..... | 985.4 | 12,582 | .68 | 8.63 | 166.8 | 41.96 |
| West Virginia..... | 969.8 | 12,571 | .70 | 9.94 | 174.9 | 43.97 |
| Total..... | 1,955.2 | 12,576 | .69 | 9.28 | 170.8 | 42.96 |
| 1997 | | | | | | |
| Colorado..... | 14.4 | 11,131 | .60 | 7.74 | 182.5 | 40.63 |
| Kentucky..... | 813.0 | 12,461 | .66 | 9.19 | 166.8 | 41.57 |
| West Virginia..... | 1,182.1 | 12,588 | .70 | 10.23 | 177.5 | 44.68 |
| Total..... | 2,009.6 | 12,526 | .68 | 9.79 | 173.2 | 43.39 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky..... | 269.5 | 12,651 | .66 | 8.89 | 170.5 | 43.14 |
| West Virginia..... | 191.1 | 12,469 | .70 | 10.29 | 173.5 | 43.27 |
| Venezuela..... | 61.2 | 12,976 | .71 | 5.58 | 176.5 | 45.81 |
| Total..... | 521.8 | 12,623 | .68 | 9.01 | 172.3 | 43.50 |
| April - June | | | | | | |
| Kentucky..... | 222.4 | 12,564 | .67 | 9.33 | 163.7 | 41.14 |
| West Virginia..... | 256.5 | 12,389 | .71 | 10.25 | 171.0 | 42.37 |
| Venezuela..... | 18.5 | 12,940 | .79 | 5.97 | 135.2 | 34.98 |
| Total..... | 497.4 | 12,488 | .69 | 9.68 | 166.3 | 41.55 |
| Year to Date | | | | | | |
| Kentucky..... | 491.9 | 12,612 | .66 | 9.09 | 167.5 | 42.24 |
| West Virginia..... | 447.6 | 12,423 | .70 | 10.27 | 172.1 | 42.76 |
| Venezuela..... | 79.8 | 12,968 | .73 | 5.67 | 166.9 | 43.30 |
| Total..... | 1,019.2 | 12,557 | .69 | 9.34 | 169.4 | 42.55 |
| Company and Plant: Gulf Power, Crist | | | | | | |
| 1992 | | | | | | |
| Alabama..... | 71.9 | 12,060 | 2.75 | 12.94 | 120.6 | 29.09 |
| Illinois..... | 1,779.8 | 11,926 | 2.70 | 8.37 | 180.8 | 43.12 |
| Kentucky..... | 225.8 | 12,062 | 2.73 | 8.38 | 121.4 | 29.28 |
| Total..... | 2,077.5 | 11,945 | 2.71 | 8.53 | 172.2 | 41.13 |
| 1993 | | | | | | |
| Alabama..... | 72.3 | 12,337 | 2.09 | 11.73 | 191.1 | 47.15 |
| Illinois..... | 1,490.3 | 11,992 | 2.59 | 8.15 | 176.3 | 42.27 |
| Kentucky..... | 55.2 | 12,127 | 2.79 | 9.28 | 123.6 | 29.98 |
| West Virginia..... | 13.1 | 13,311 | 2.14 | 6.16 | 209.3 | 55.73 |
| Colombia..... | 280.2 | 11,983 | .59 | 5.53 | 188.5 | 45.18 |
| Venezuela..... | 234.8 | 12,992 | .59 | 6.11 | 172.2 | 44.75 |
| Total..... | 2,145.9 | 12,124 | 2.10 | 7.72 | 176.7 | 42.85 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Gulf Power, Crist | | | | | | |
| 1994 | | | | | | |
| Alabama | 1.5 | 12,241 | 2.87 | 10.00 | 204.1 | 49.97 |
| Illinois | 1,568.9 | 11,887 | 2.15 | 7.55 | 173.1 | 41.16 |
| West Virginia | 20.7 | 13,461 | 1.08 | 5.40 | 185.8 | 50.02 |
| Colombia | 29.8 | 12,239 | .59 | 5.30 | 160.9 | 39.38 |
| Venezuela | 283.4 | 12,252 | 1.03 | 6.28 | 216.9 | 53.15 |
| Total | 1,904.4 | 11,964 | 1.95 | 7.31 | 179.8 | 43.02 |
| 1995 | | | | | | |
| Illinois | 796.8 | 12,346 | .95 | 6.34 | 228.4 | 56.40 |
| Venezuela | 776.7 | 12,363 | .92 | 6.29 | 230.9 | 57.09 |
| Total | 1,573.6 | 12,354 | .93 | 6.31 | 229.6 | 56.74 |
| 1996 | | | | | | |
| Illinois | 1,265.4 | 12,124 | 1.10 | 6.30 | 223.6 | 54.21 |
| Venezuela | 205.9 | 12,224 | .95 | 5.90 | 230.6 | 56.37 |
| Total | 1,471.4 | 12,138 | 1.08 | 6.25 | 224.6 | 54.52 |
| 1997 | | | | | | |
| Alabama | 171.8 | 12,080 | 1.04 | 12.76 | 175.1 | 42.30 |
| Illinois | 1,064.6 | 12,016 | 1.06 | 6.86 | 212.8 | 51.15 |
| Kentucky | 160.6 | 12,277 | 1.14 | 10.23 | 203.5 | 49.98 |
| West Virginia | 310.8 | 12,231 | .93 | 12.85 | 199.2 | 48.73 |
| Total | 1,707.8 | 12,086 | 1.04 | 8.86 | 205.6 | 49.71 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Alabama | 22.6 | 11,717 | 1.21 | 14.04 | 187.7 | 43.98 |
| Illinois | 329.7 | 12,165 | 1.13 | 6.56 | 199.2 | 48.46 |
| West Virginia | 67.9 | 12,293 | .98 | 9.10 | 205.6 | 50.55 |
| Venezuela | 54.2 | 12,741 | .74 | 7.10 | 148.3 | 37.79 |
| Total | 474.4 | 12,228 | 1.07 | 7.34 | 193.5 | 47.33 |
| April - June | | | | | | |
| Alabama | 72.6 | 13,066 | .73 | 8.30 | 152.5 | 39.84 |
| Illinois | 573.2 | 12,070 | 1.20 | 6.74 | 151.6 | 36.59 |
| Kentucky | 33.5 | 13,021 | 1.23 | 6.88 | 168.3 | 43.82 |
| West Virginia | 28.7 | 12,796 | .87 | 9.75 | 142.5 | 36.46 |
| Colombia | 43.6 | 12,481 | .55 | 4.50 | 151.0 | 37.69 |
| Venezuela | 52.8 | 12,441 | .88 | 6.47 | 146.4 | 36.42 |
| Total | 804.4 | 12,272 | 1.09 | 6.86 | 151.7 | 37.23 |
| Year to Date | | | | | | |
| Alabama | 95.1 | 12,746 | .85 | 9.66 | 160.1 | 40.82 |
| Illinois | 902.9 | 12,105 | 1.18 | 6.67 | 169.0 | 40.93 |
| Kentucky | 33.5 | 13,021 | 1.23 | 6.88 | 168.3 | 43.82 |
| West Virginia | 96.7 | 12,443 | .94 | 9.29 | 186.3 | 46.36 |
| Colombia | 43.6 | 12,481 | .55 | 4.50 | 151.0 | 37.69 |
| Venezuela | 107.0 | 12,593 | .81 | 6.79 | 147.4 | 37.12 |
| Total | 1,278.8 | 12,256 | 1.08 | 7.04 | 167.2 | 40.98 |
| Company and Plant: Gulf Power, Scholtz | | | | | | |
| 1992 | | | | | | |
| Kentucky | 31.7 | 12,192 | 3.06 | 8.84 | 148.7 | 36.27 |
| Total | 31.7 | 12,192 | 3.06 | 8.84 | 148.7 | 36.27 |
| 1993 | | | | | | |
| Illinois | 8.2 | 12,061 | 2.38 | 7.60 | 154.1 | 37.17 |
| Kentucky | 47.9 | 12,057 | 3.10 | 8.74 | 159.5 | 38.45 |
| Colombia | 7.5 | 12,170 | .62 | 7.50 | 164.4 | 40.01 |
| Venezuela | 16.0 | 12,958 | .58 | 6.10 | 170.6 | 44.20 |
| Total | 79.6 | 12,249 | 2.29 | 7.98 | 161.7 | 39.62 |
| 1994 | | | | | | |
| Kentucky | 67.1 | 11,861 | 3.09 | 9.35 | 168.7 | 40.03 |
| Total | 67.1 | 11,861 | 3.09 | 9.35 | 168.7 | 40.03 |
| 1995 | | | | | | |
| Kentucky | 60.5 | 12,585 | 2.74 | 8.07 | 152.1 | 38.28 |
| Total | 60.5 | 12,585 | 2.74 | 8.07 | 152.1 | 38.28 |
| 1996 | | | | | | |
| Kentucky | 78.7 | 12,008 | 3.13 | 9.52 | 140.1 | 33.65 |
| Total | 78.7 | 12,008 | 3.13 | 9.52 | 140.1 | 33.65 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Gulf Power, Scholtz | | | | | | |
| 1997 | | | | | | |
| Kentucky | 75.8 | 12,377 | 1.94 | 9.18 | 167.7 | 41.50 |
| Total | 75.8 | 12,377 | 1.94 | 9.18 | 167.7 | 41.50 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 6.6 | 12,571 | 2.90 | 8.10 | 165.0 | 41.48 |
| Total | 6.6 | 12,571 | 2.90 | 8.10 | 165.0 | 41.48 |
| April - June | | | | | | |
| Kentucky | 46.7 | 12,865 | 1.03 | 7.41 | 154.6 | 39.77 |
| Total | 46.7 | 12,865 | 1.03 | 7.41 | 154.6 | 39.77 |
| Year to Date | | | | | | |
| Kentucky | 53.3 | 12,829 | 1.26 | 7.50 | 155.8 | 39.98 |
| Total | 53.3 | 12,829 | 1.26 | 7.50 | 155.8 | 39.98 |
| Company and Plant: Gulf Power, Smith | | | | | | |
| 1992 | | | | | | |
| Illinois | 878.5 | 11,996 | 2.80 | 8.46 | 222.5 | 53.39 |
| Kentucky | 6.3 | 11,982 | 2.54 | 7.10 | 129.5 | 31.03 |
| Total | 884.8 | 11,996 | 2.80 | 8.45 | 221.9 | 53.23 |
| 1993 | | | | | | |
| Illinois | 704.8 | 11,905 | 2.18 | 7.96 | 179.4 | 42.71 |
| Kentucky | 15.9 | 12,269 | 2.96 | 9.45 | 121.7 | 29.85 |
| Colombia | 198.2 | 11,823 | .61 | 5.96 | 184.6 | 43.65 |
| Total | 918.9 | 11,893 | 1.85 | 7.55 | 179.5 | 42.69 |
| 1994 | | | | | | |
| Illinois | 391.8 | 12,086 | 2.11 | 7.93 | 160.3 | 38.76 |
| Kentucky | 17.7 | 11,881 | 3.22 | 10.78 | 140.2 | 33.31 |
| Colombia | 286.6 | 12,299 | .61 | 4.17 | 172.3 | 42.39 |
| South Africa | 127.3 | 11,318 | .65 | 12.60 | 181.1 | 41.00 |
| Venezuela | 53.8 | 12,272 | .96 | 6.52 | 229.1 | 56.24 |
| Total | 877.3 | 12,051 | 1.36 | 7.35 | 171.1 | 41.23 |
| 1995 | | | | | | |
| Illinois | 981.7 | 11,728 | 2.26 | 8.25 | 143.5 | 33.67 |
| Venezuela | 114.6 | 12,202 | 1.00 | 6.52 | 236.1 | 57.63 |
| Total | 1,096.4 | 11,777 | 2.13 | 8.07 | 153.6 | 36.17 |
| 1996 | | | | | | |
| Illinois | 710.6 | 11,792 | 1.99 | 7.97 | 158.1 | 37.28 |
| Kentucky | 285.8 | 11,895 | 2.87 | 7.68 | 195.0 | 46.40 |
| Venezuela | 92.2 | 12,171 | .99 | 6.03 | 234.7 | 57.13 |
| Total | 1,088.7 | 11,851 | 2.13 | 7.73 | 174.5 | 41.35 |
| 1997 | | | | | | |
| Alabama | 190.6 | 11,712 | 2.92 | 13.90 | 179.6 | 42.08 |
| Illinois | 289.4 | 12,019 | 2.04 | 7.44 | 203.7 | 48.97 |
| Kentucky | 460.6 | 12,021 | 2.87 | 9.56 | 183.7 | 44.16 |
| Total | 940.6 | 11,958 | 2.62 | 9.78 | 189.1 | 45.22 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Alabama | 13.8 | 11,636 | 2.94 | 14.81 | 174.4 | 40.58 |
| Illinois | 67.0 | 12,431 | 2.61 | 8.61 | 154.9 | 38.51 |
| Kentucky | 169.7 | 11,952 | 2.60 | 9.61 | 162.0 | 38.74 |
| Total | 250.5 | 12,063 | 2.62 | 9.63 | 160.7 | 38.78 |
| April - June | | | | | | |
| Illinois | 59.8 | 12,657 | 2.63 | 8.98 | 140.4 | 35.55 |
| Kentucky | 143.7 | 11,933 | 2.75 | 8.82 | 139.2 | 33.22 |
| Total | 203.5 | 12,146 | 2.72 | 8.87 | 139.6 | 33.90 |
| Year to Date | | | | | | |
| Alabama | 13.8 | 11,636 | 2.94 | 14.81 | 174.4 | 40.58 |
| Illinois | 126.8 | 12,538 | 2.62 | 8.78 | 148.0 | 37.11 |
| Kentucky | 313.4 | 11,944 | 2.67 | 9.24 | 151.6 | 36.21 |
| Total | 454.0 | 12,100 | 2.66 | 9.28 | 151.2 | 36.59 |
| Company and Plant: Holyoke Water Power (NU), Mount Tom | | | | | | |
| 1992 | | | | | | |
| Pennsylvania | 354.8 | 13,234 | 1.34 | 6.26 | 168.2 | 44.51 |
| West Virginia | 8.1 | 12,800 | .80 | 8.50 | 198.2 | 50.74 |
| Total | 362.9 | 13,224 | 1.33 | 6.31 | 168.8 | 44.65 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Holyoke Water Power (NU), Mount Tom | | | | | | |
| 1993 | | | | | | |
| Kentucky | 7.3 | 13,132 | 0.75 | 7.50 | 195.9 | 51.45 |
| Pennsylvania | 299.9 | 13,201 | 1.52 | 6.34 | 164.7 | 43.49 |
| West Virginia | 7.0 | 13,087 | .91 | 7.60 | 171.7 | 44.94 |
| Total | 314.2 | 13,197 | 1.49 | 6.39 | 165.6 | 43.71 |
| 1994 | | | | | | |
| Kentucky | 47.8 | 12,884 | .55 | 7.74 | 206.0 | 53.07 |
| Pennsylvania | 289.2 | 13,171 | 1.48 | 6.60 | 156.8 | 41.31 |
| Indonesia | 7.9 | 12,651 | .43 | 3.30 | 195.4 | 49.44 |
| Total | 344.9 | 13,119 | 1.33 | 6.68 | 164.4 | 43.13 |
| 1995 | | | | | | |
| Kentucky | 157.3 | 13,053 | .52 | 7.40 | 193.3 | 50.47 |
| Pennsylvania | 212.5 | 13,227 | 1.37 | 7.20 | 156.9 | 41.50 |
| Total | 369.8 | 13,153 | 1.01 | 7.28 | 172.3 | 45.31 |
| 1996 | | | | | | |
| Kentucky | 135.8 | 13,081 | .51 | 7.78 | 198.3 | 51.88 |
| Pennsylvania | 225.0 | 13,301 | 1.38 | 6.91 | 159.2 | 42.35 |
| Virginia | 1.9 | 14,243 | .80 | 5.20 | 212.3 | 60.48 |
| West Virginia | 8.4 | 13,227 | .64 | 8.20 | 189.1 | 50.02 |
| Total | 371.1 | 13,224 | 1.04 | 7.25 | 174.3 | 46.10 |
| 1997 | | | | | | |
| Kentucky | 126.8 | 13,006 | .55 | 7.61 | 203.8 | 53.01 |
| Pennsylvania | 280.1 | 13,248 | 1.38 | 7.15 | 165.9 | 43.96 |
| West Virginia | 42.1 | 13,168 | .61 | 7.66 | 194.8 | 51.30 |
| Total | 449.1 | 13,172 | 1.07 | 7.33 | 179.2 | 47.20 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 37.1 | 13,070 | 1.12 | 7.52 | 200.6 | 52.44 |
| Pennsylvania | 49.3 | 13,220 | 1.49 | 7.40 | 160.8 | 42.51 |
| Total | 86.3 | 13,155 | 1.33 | 7.45 | 177.8 | 46.77 |
| April - June | | | | | | |
| Kentucky | 69.3 | 13,002 | .51 | 7.26 | 199.1 | 51.78 |
| Pennsylvania | 38.1 | 13,212 | 1.68 | 7.24 | 161.5 | 42.67 |
| West Virginia | 1.6 | 13,456 | .68 | 6.75 | 171.9 | 46.28 |
| Total | 109.1 | 13,082 | .92 | 7.25 | 185.4 | 48.52 |
| Year to Date | | | | | | |
| Kentucky | 106.4 | 13,025 | .72 | 7.35 | 199.7 | 52.01 |
| Pennsylvania | 87.4 | 13,216 | 1.57 | 7.33 | 161.1 | 42.58 |
| West Virginia | 1.6 | 13,456 | .68 | 6.75 | 171.9 | 46.28 |
| Total | 195.4 | 13,114 | 1.10 | 7.34 | 182.0 | 47.75 |
| Company and Plant: Jacksonville Electric Authority, St Johns River | | | | | | |
| 1992 | | | | | | |
| Kentucky | 1,563.4 | 12,831 | 1.18 | 8.43 | 160.2 | 41.11 |
| West Virginia | 642.4 | 12,063 | .82 | 12.58 | 199.9 | 48.22 |
| Colombia | 1,418.6 | 11,897 | .71 | 6.91 | 150.0 | 35.70 |
| Total | 3,624.4 | 12,329 | .93 | 8.57 | 163.2 | 40.25 |
| 1993 | | | | | | |
| Kentucky | 1,300.4 | 12,802 | 1.30 | 8.36 | 172.0 | 44.03 |
| West Virginia | 243.0 | 12,049 | .75 | 12.79 | 187.6 | 45.21 |
| Colombia | 2,291.2 | 11,849 | .68 | 7.21 | 136.9 | 32.44 |
| Total | 3,834.6 | 12,185 | .89 | 7.95 | 152.6 | 37.18 |
| 1994 | | | | | | |
| Kentucky | 1,106.7 | 12,775 | 1.27 | 8.92 | 173.2 | 44.25 |
| West Virginia | 595.3 | 12,193 | .82 | 11.98 | 185.1 | 45.14 |
| Colombia | 2,032.1 | 11,883 | .69 | 7.40 | 135.6 | 32.22 |
| Total | 3,734.1 | 12,197 | .88 | 8.58 | 155.2 | 37.85 |
| 1995 | | | | | | |
| Kentucky | 1,695.5 | 12,605 | 1.25 | 9.30 | 168.0 | 42.35 |
| West Virginia | 645.7 | 12,143 | .88 | 12.85 | 188.2 | 45.70 |
| Colombia | 1,340.6 | 11,826 | .67 | 7.52 | 151.5 | 35.82 |
| Total | 3,681.8 | 12,241 | .97 | 9.28 | 165.7 | 40.56 |
| 1996 | | | | | | |
| Kentucky | 2,239.5 | 12,742 | 1.31 | 9.08 | 164.4 | 41.89 |
| West Virginia | 133.3 | 12,384 | 1.68 | 11.85 | 177.2 | 43.88 |
| Colombia | 1,417.2 | 11,810 | .66 | 7.71 | 152.9 | 36.11 |
| Total | 3,790.0 | 12,381 | 1.08 | 8.66 | 160.7 | 39.80 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Jacksonville Electric Authority, St Johns River | | | | | | |
| 1997 | | | | | | |
| Kentucky | 1,561.8 | 12,614 | 1.49 | 9.99 | 174.6 | 44.05 |
| West Virginia | 177.9 | 12,013 | .85 | 13.35 | 196.6 | 47.24 |
| Colombia | 1,385.3 | 11,851 | .78 | 7.42 | 150.1 | 35.59 |
| Total | 3,125.0 | 12,242 | 1.14 | 9.05 | 165.3 | 40.48 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 364.9 | 12,674 | 1.31 | 9.98 | 171.9 | 43.57 |
| West Virginia | 9.9 | 12,169 | .86 | 13.20 | 149.6 | 36.41 |
| Colombia | 359.3 | 11,802 | .65 | 7.13 | 149.0 | 35.16 |
| Total | 734.2 | 12,241 | .98 | 8.63 | 160.8 | 39.36 |
| April - June | | | | | | |
| Kentucky | 538.8 | 12,687 | 1.34 | 9.68 | 172.3 | 43.71 |
| Colombia | 296.8 | 11,796 | .61 | 6.83 | 147.2 | 34.72 |
| Total | 835.6 | 12,371 | 1.08 | 8.67 | 163.8 | 40.52 |
| Year to Date | | | | | | |
| Kentucky | 903.7 | 12,682 | 1.33 | 9.80 | 172.1 | 43.65 |
| West Virginia | 9.9 | 12,169 | .86 | 13.20 | 149.6 | 36.41 |
| Colombia | 656.1 | 11,799 | .63 | 6.99 | 148.2 | 34.96 |
| Total | 1,569.8 | 12,310 | 1.03 | 8.65 | 162.4 | 39.98 |
| Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh | | | | | | |
| 1992 | | | | | | |
| Kentucky | 818.0 | 12,999 | 1.04 | 7.71 | 165.0 | 42.90 |
| Total | 818.0 | 12,999 | 1.04 | 7.71 | 165.0 | 42.90 |
| 1993 | | | | | | |
| Kentucky | 727.0 | 13,046 | 1.05 | 7.63 | 167.7 | 43.77 |
| Total | 727.0 | 13,046 | 1.05 | 7.63 | 167.7 | 43.77 |
| 1994 | | | | | | |
| Kentucky | 992.0 | 12,936 | 1.12 | 8.02 | 173.4 | 44.87 |
| Total | 992.0 | 12,936 | 1.12 | 8.02 | 173.4 | 44.87 |
| 1995 | | | | | | |
| Kentucky | 945.0 | 12,956 | 1.22 | 8.18 | 173.0 | 44.84 |
| Total | 945.0 | 12,956 | 1.22 | 8.18 | 173.0 | 44.84 |
| 1996 | | | | | | |
| Kentucky | 807.0 | 12,840 | 1.32 | 9.09 | 172.8 | 44.38 |
| Total | 807.0 | 12,840 | 1.32 | 9.09 | 172.8 | 44.38 |
| 1997 | | | | | | |
| Kentucky | 758.0 | 12,876 | 1.26 | 8.42 | 172.7 | 44.48 |
| Total | 758.0 | 12,876 | 1.26 | 8.42 | 172.7 | 44.48 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 134.0 | 12,773 | 1.28 | 9.02 | 174.8 | 44.67 |
| Total | 134.0 | 12,773 | 1.28 | 9.02 | 174.8 | 44.67 |
| April - June | | | | | | |
| Kentucky | 84.0 | 12,927 | 1.31 | 8.38 | 178.7 | 46.21 |
| Venezuela | 6.0 | 12,941 | .62 | 5.70 | 175.2 | 45.35 |
| Total | 90.0 | 12,928 | 1.26 | 8.20 | 178.5 | 46.16 |
| Year to Date | | | | | | |
| Kentucky | 218.0 | 12,832 | 1.29 | 8.77 | 176.4 | 45.26 |
| Venezuela | 6.0 | 12,941 | .62 | 5.70 | 175.2 | 45.35 |
| Total | 224.0 | 12,835 | 1.27 | 8.69 | 176.3 | 45.27 |
| Company and Plant: Mississippi Power (Southern Co), Daniel | | | | | | |
| 1992 | | | | | | |
| Kentucky | 810.6 | 12,988 | 0.73 | 7.22 | 170.0 | 44.15 |
| Montana | 82.2 | 9,383 | .30 | 4.15 | 136.0 | 25.51 |
| Wyoming | 70.9 | 8,760 | .34 | 4.92 | 153.0 | 26.81 |
| Total | 963.7 | 12,369 | .66 | 6.79 | 166.9 | 41.29 |
| 1993 | | | | | | |
| Colorado | 158.6 | 11,535 | .45 | 9.58 | 158.9 | 36.66 |
| Kentucky | 774.6 | 12,881 | .70 | 8.12 | 173.8 | 44.78 |
| Montana | 177.7 | 9,425 | .39 | 4.61 | 159.1 | 29.99 |
| Indonesia | 67.5 | 9,745 | .08 | 1.23 | 168.9 | 32.92 |
| Total | 1,178.5 | 11,999 | .58 | 7.39 | 169.9 | 40.78 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Mississippi Power (Southern Co), Daniel | | | | | | |
| 1994 | | | | | | |
| Colorado..... | 715.2 | 11,072 | .43 | 10.37 | 159.5 | 35.31 |
| Kentucky..... | 279.3 | 12,739 | .68 | 9.06 | 181.7 | 46.28 |
| Montana..... | 1,288.4 | 9,402 | .40 | 4.78 | 138.0 | 25.96 |
| Total | 2,282.8 | 10,334 | .44 | 7.06 | 151.8 | 31.38 |
| 1995 | | | | | | |
| Colorado..... | 951.3 | 11,076 | .42 | 9.89 | 161.4 | 35.75 |
| Montana..... | 1,269.5 | 9,399 | .38 | 4.43 | 140.0 | 26.31 |
| Total | 2,220.8 | 10,118 | .39 | 6.77 | 150.0 | 30.36 |
| 1996 | | | | | | |
| Colorado..... | 507.9 | 11,397 | .46 | 8.87 | 159.3 | 36.32 |
| Montana..... | 2,163.3 | 9,394 | .40 | 4.48 | 141.0 | 26.49 |
| Total | 2,671.2 | 9,774 | .41 | 5.31 | 145.1 | 28.36 |
| 1997 | | | | | | |
| Montana..... | 3,221.3 | 9,323 | .39 | 4.56 | 145.5 | 27.13 |
| Total | 3,221.3 | 9,323 | .39 | 4.56 | 145.5 | 27.13 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Montana..... | 801.7 | 9,421 | .39 | 4.65 | 149.0 | 28.07 |
| Total | 801.7 | 9,421 | .39 | 4.65 | 149.0 | 28.07 |
| April - June | | | | | | |
| Montana..... | 804.3 | 9,395 | .37 | 4.37 | 145.8 | 27.39 |
| Total | 804.3 | 9,395 | .37 | 4.37 | 145.8 | 27.39 |
| Year to Date | | | | | | |
| Montana..... | 1,606.0 | 9,408 | .38 | 4.51 | 147.4 | 27.73 |
| Total | 1,606.0 | 9,408 | .38 | 4.51 | 147.4 | 27.73 |
| Company and Plant: Mississippi Power (Southern Co), Watson | | | | | | |
| 1992 | | | | | | |
| Illinois..... | 1,238.7 | 12,757 | 2.74 | 8.75 | 132.7 | 33.86 |
| Kentucky..... | 248.5 | 12,208 | 2.50 | 8.08 | 130.5 | 31.87 |
| Total | 1,487.2 | 12,665 | 2.70 | 8.64 | 132.4 | 33.53 |
| 1993 | | | | | | |
| Alabama..... | 32.0 | 12,223 | 1.13 | 11.54 | 165.6 | 40.49 |
| Illinois..... | 1,079.9 | 12,697 | 2.71 | 9.10 | 134.1 | 34.06 |
| Kentucky..... | 215.3 | 12,168 | 1.11 | 8.61 | 141.0 | 34.30 |
| West Virginia..... | 68.9 | 12,244 | 1.07 | 12.12 | 144.0 | 35.25 |
| Total | 1,396.1 | 12,582 | 2.35 | 9.23 | 136.3 | 34.31 |
| 1994 | | | | | | |
| Illinois..... | 1,062.7 | 12,456 | 2.41 | 8.55 | 131.8 | 32.84 |
| Kentucky..... | 30.8 | 11,934 | 1.05 | 11.28 | 145.2 | 34.65 |
| West Virginia..... | 62.2 | 12,392 | .94 | 10.43 | 151.5 | 37.55 |
| Total | 1,155.7 | 12,439 | 2.30 | 8.72 | 133.2 | 33.14 |
| 1995 | | | | | | |
| Colorado..... | 11.4 | 11,972 | .50 | 7.91 | 145.8 | 34.91 |
| Illinois..... | 1,235.8 | 12,440 | 2.35 | 8.86 | 123.0 | 30.61 |
| Total | 1,247.2 | 12,436 | 2.33 | 8.86 | 123.2 | 30.65 |
| 1996 | | | | | | |
| Colorado..... | 11.2 | 11,439 | .44 | 8.63 | 148.7 | 34.02 |
| Illinois..... | 1,703.1 | 12,197 | 1.70 | 7.00 | 131.3 | 32.03 |
| Kentucky..... | 104.6 | 12,123 | 2.12 | 10.31 | 126.5 | 30.68 |
| Wyoming..... | 12.8 | 8,738 | .44 | 5.25 | 129.5 | 22.63 |
| Total | 1,831.6 | 12,164 | 1.71 | 7.19 | 131.1 | 31.90 |
| 1997 | | | | | | |
| Alabama..... | 126.4 | 12,461 | 1.04 | 9.73 | 145.8 | 36.34 |
| Colorado..... | 35.6 | 11,518 | .49 | 7.49 | 154.8 | 35.65 |
| Illinois..... | 1,149.4 | 11,897 | 1.19 | 7.04 | 138.4 | 32.93 |
| Kentucky..... | 251.9 | 12,560 | 1.13 | 8.37 | 154.3 | 38.76 |
| Wyoming..... | 285.4 | 8,677 | .46 | 5.69 | 133.8 | 23.22 |
| Total | 1,848.7 | 11,522 | 1.04 | 7.20 | 141.1 | 32.51 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Illinois..... | 362.1 | 11,798 | 1.68 | 7.40 | 144.6 | 34.11 |
| Kentucky..... | 15.4 | 12,688 | 1.93 | 7.62 | 146.6 | 37.19 |
| Wyoming..... | 91.2 | 8,744 | .40 | 5.34 | 132.9 | 23.24 |
| Venezuela..... | 13.6 | 12,312 | .71 | 5.20 | 154.1 | 37.95 |
| Total | 482.3 | 11,263 | 1.42 | 6.95 | 143.2 | 32.26 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Mississippi Power (Southern Co), Watson | | | | | | |
| 1998 | | | | | | |
| April - June | | | | | | |
| Alabama | 28.3 | 13,083 | 0.74 | 8.50 | 148.0 | 38.73 |
| Illinois | 382.0 | 12,111 | 1.64 | 7.40 | 139.1 | 33.68 |
| Wyoming | 139.8 | 8,682 | .43 | 5.18 | 132.5 | 23.00 |
| Venezuela | 51.1 | 12,617 | .76 | 7.20 | 137.1 | 34.60 |
| Total | 601.2 | 11,402 | 1.24 | 6.92 | 138.2 | 31.51 |
| Year to Date | | | | | | |
| Alabama | 28.3 | 13,083 | .74 | 8.50 | 148.0 | 38.73 |
| Illinois | 744.1 | 11,959 | 1.66 | 7.40 | 141.7 | 33.89 |
| Kentucky | 15.4 | 12,688 | 1.93 | 7.62 | 146.6 | 37.19 |
| Wyoming | 231.1 | 8,706 | .42 | 5.24 | 132.6 | 23.10 |
| Venezuela | 64.7 | 12,553 | .75 | 6.78 | 140.6 | 35.30 |
| Total | 1,083.5 | 11,340 | 1.32 | 6.93 | 140.4 | 31.85 |
| Company and Plant: Montaup Electric, Somerset | | | | | | |
| 1992 | | | | | | |
| Virginia | 413.0 | 12,917 | 1.03 | 7.93 | 176.4 | 45.58 |
| Total | 413.0 | 12,917 | 1.03 | 7.93 | 176.4 | 45.58 |
| 1993 | | | | | | |
| Kentucky | 113.6 | 12,903 | 1.00 | 7.88 | 178.1 | 45.97 |
| Total | 113.6 | 12,903 | 1.00 | 7.88 | 178.1 | 45.97 |
| 1994 | | | | | | |
| Kentucky | 43.7 | 12,429 | .63 | 8.74 | 197.7 | 49.14 |
| West Virginia | 189.1 | 12,931 | .73 | 8.39 | 178.8 | 46.23 |
| Total | 232.8 | 12,836 | .71 | 8.45 | 182.2 | 46.78 |
| 1995 | | | | | | |
| Kentucky | 115.8 | 12,838 | .67 | 7.90 | 178.4 | 45.79 |
| West Virginia | 157.7 | 12,840 | .76 | 7.42 | 177.9 | 45.68 |
| Total | 273.5 | 12,839 | .72 | 7.62 | 178.1 | 45.73 |
| 1996 | | | | | | |
| Kentucky | 55.6 | 12,622 | .77 | 7.03 | 180.4 | 45.53 |
| West Virginia | 193.0 | 12,799 | .76 | 7.30 | 180.1 | 46.11 |
| Total | 248.6 | 12,759 | .77 | 7.24 | 180.2 | 45.98 |
| 1997 | | | | | | |
| West Virginia | 279.3 | 12,710 | .74 | 7.68 | 179.3 | 45.58 |
| Total | 279.3 | 12,710 | .74 | 7.68 | 179.3 | 45.58 |
| 1998 | | | | | | |
| January - March | | | | | | |
| West Virginia | 73.9 | 12,643 | .76 | 7.54 | 178.5 | 45.15 |
| Total | 73.9 | 12,643 | .76 | 7.54 | 178.5 | 45.15 |
| April - June | | | | | | |
| West Virginia | 73.7 | 12,637 | .72 | 7.62 | 184.6 | 46.66 |
| Total | 73.7 | 12,637 | .72 | 7.62 | 184.6 | 46.66 |
| Year to Date | | | | | | |
| West Virginia | 147.6 | 12,640 | .74 | 7.58 | 181.6 | 45.90 |
| Total | 147.6 | 12,640 | .74 | 7.58 | 181.6 | 45.90 |
| Company and Plant: New England Power (NEES), Brayton Point | | | | | | |
| 1992 | | | | | | |
| Kentucky | 10.1 | 12,934 | 0.63 | 6.47 | 170.9 | 44.21 |
| Virginia | 197.9 | 13,030 | 1.12 | 7.64 | 173.1 | 45.11 |
| West Virginia | 2,209.9 | 13,032 | 1.11 | 8.45 | 168.1 | 43.81 |
| Venezuela | 129.0 | 13,375 | .75 | 7.32 | 165.2 | 44.18 |
| Total | 2,546.9 | 13,049 | 1.09 | 8.32 | 168.3 | 43.94 |
| 1993 | | | | | | |
| Kentucky | 68.7 | 12,641 | .54 | 7.18 | 167.7 | 42.39 |
| Maryland | 1.0 | 13,161 | 1.48 | 10.11 | 153.6 | 40.44 |
| West Virginia | 1,659.3 | 12,985 | 1.05 | 8.54 | 167.5 | 43.51 |
| Wyoming | 7.0 | 8,889 | .30 | 5.37 | 174.9 | 31.09 |
| Colombia | 187.2 | 12,144 | .64 | 5.42 | 178.5 | 43.35 |
| Venezuela | 239.9 | 13,132 | .71 | 7.83 | 162.5 | 42.67 |
| Total | 2,163.1 | 12,905 | .96 | 8.14 | 167.9 | 43.33 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: New England Power (NEES), Brayton Point | | | | | | |
| 1994 | | | | | | |
| Kentucky | 138.0 | 12,543 | 0.73 | 8.18 | 174.9 | 43.88 |
| Pennsylvania | 119.6 | 13,049 | 1.43 | 6.44 | 166.4 | 43.43 |
| West Virginia | 2,159.0 | 12,823 | .98 | 8.61 | 170.6 | 43.75 |
| Colombia | 51.3 | 12,131 | .65 | 5.60 | 172.2 | 41.78 |
| Venezuela | 351.2 | 12,955 | .71 | 7.03 | 154.2 | 39.95 |
| Total | 2,819.1 | 12,822 | .95 | 8.24 | 168.6 | 43.24 |
| 1995 | | | | | | |
| Kentucky | 144.6 | 12,644 | .73 | 7.74 | 171.9 | 43.47 |
| West Virginia | 1,491.6 | 12,687 | .71 | 9.56 | 171.3 | 43.46 |
| Colombia | 307.8 | 12,218 | .60 | 5.22 | 164.6 | 40.23 |
| Venezuela | 510.6 | 12,788 | .69 | 7.03 | 160.0 | 40.92 |
| Total | 2,454.6 | 12,647 | .69 | 8.38 | 168.1 | 42.53 |
| 1996 | | | | | | |
| Kentucky | 262.9 | 12,628 | .70 | 8.26 | 174.6 | 44.09 |
| West Virginia | 1,884.5 | 12,538 | .70 | 10.16 | 172.9 | 43.37 |
| Colombia | 427.5 | 12,014 | .59 | 5.52 | 168.0 | 40.35 |
| Venezuela | 572.4 | 12,937 | .67 | 6.29 | 162.4 | 42.01 |
| Total | 3,147.3 | 12,547 | .68 | 8.67 | 170.5 | 42.77 |
| 1997 | | | | | | |
| Kentucky | 453.9 | 12,724 | .70 | 7.54 | 172.3 | 43.83 |
| West Virginia | 1,585.2 | 12,526 | .70 | 10.62 | 168.8 | 42.29 |
| Colombia | 668.5 | 12,119 | .64 | 5.79 | 165.6 | 40.14 |
| Venezuela | 292.5 | 13,122 | .68 | 6.35 | 165.2 | 43.36 |
| Total | 3,000.1 | 12,524 | .69 | 8.66 | 168.3 | 42.15 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 159.4 | 12,577 | .66 | 7.27 | 176.3 | 44.34 |
| West Virginia | 483.4 | 12,483 | .70 | 10.80 | 169.9 | 42.42 |
| Colombia | 151.4 | 12,123 | .64 | 6.25 | 162.3 | 39.36 |
| Venezuela | 119.2 | 13,270 | .65 | 7.33 | 154.1 | 40.89 |
| Total | 913.4 | 12,543 | .67 | 8.97 | 167.6 | 42.05 |
| April - June | | | | | | |
| Kentucky | 122.4 | 12,773 | .64 | 6.66 | 169.8 | 43.36 |
| West Virginia | 598.8 | 12,528 | .70 | 10.53 | 164.2 | 41.13 |
| Colombia | 71.4 | 12,128 | .64 | 5.65 | 159.8 | 38.77 |
| Venezuela | 33.5 | 13,063 | .66 | 8.96 | 149.1 | 38.96 |
| Total | 826.1 | 12,551 | .69 | 9.47 | 164.0 | 41.17 |
| Year to Date | | | | | | |
| Kentucky | 281.8 | 12,662 | .65 | 7.00 | 173.4 | 43.91 |
| West Virginia | 1,082.2 | 12,508 | .70 | 10.65 | 166.7 | 41.71 |
| Colombia | 222.8 | 12,125 | .64 | 6.06 | 161.5 | 39.17 |
| Venezuela | 152.7 | 13,225 | .65 | 7.69 | 153.0 | 40.47 |
| Total | 1,739.5 | 12,547 | .68 | 9.21 | 165.9 | 41.63 |
| Company and Plant: New England Power (NEES), Salem Harbor | | | | | | |
| 1992 | | | | | | |
| Pennsylvania | 40.2 | 13,193 | 1.26 | 6.80 | 162.3 | 42.82 |
| West Virginia | 763.1 | 13,130 | 1.46 | 9.47 | 167.0 | 43.86 |
| Canada | 32.8 | 13,569 | 1.40 | 3.82 | 174.9 | 47.46 |
| Venezuela | 34.8 | 12,893 | .58 | 7.02 | 145.3 | 37.47 |
| Total | 870.9 | 13,140 | 1.41 | 9.04 | 166.3 | 43.70 |
| 1993 | | | | | | |
| Maryland | 10.1 | 13,219 | 1.32 | 9.76 | 166.4 | 43.99 |
| West Virginia | 532.9 | 13,013 | 1.29 | 9.62 | 167.2 | 43.51 |
| Venezuela | 236.2 | 12,921 | .57 | 6.65 | 162.5 | 41.99 |
| Total | 779.2 | 12,987 | 1.07 | 8.72 | 165.8 | 43.05 |
| 1994 | | | | | | |
| West Virginia | 80.0 | 12,958 | .77 | 8.71 | 177.5 | 45.99 |
| Colombia | 84.2 | 12,017 | .57 | 6.07 | 159.9 | 38.44 |
| Venezuela | 565.5 | 12,678 | .64 | 6.49 | 159.6 | 40.47 |
| Total | 729.7 | 12,632 | .65 | 6.69 | 161.6 | 40.84 |
| 1995 | | | | | | |
| West Virginia | 117.6 | 12,643 | .68 | 8.94 | 183.5 | 46.41 |
| Colombia | 250.1 | 12,166 | .60 | 5.26 | 147.9 | 35.99 |
| Venezuela | 393.1 | 12,846 | .65 | 6.34 | 162.4 | 41.72 |
| Total | 760.8 | 12,591 | .64 | 6.39 | 161.1 | 40.56 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: New England Power (NEES), Salem Harbor | | | | | | |
| 1996 | | | | | | |
| Kentucky | 2.6 | 12,282 | 0.63 | 8.35 | 155.3 | 38.16 |
| West Virginia..... | 157.2 | 12,727 | .70 | 9.20 | 176.6 | 44.95 |
| Colombia..... | 202.9 | 12,069 | .57 | 5.77 | 148.6 | 35.86 |
| Venezuela..... | 563.1 | 12,849 | .70 | 6.17 | 155.5 | 39.96 |
| Total | 925.8 | 12,656 | .67 | 6.60 | 157.6 | 39.90 |
| 1997 | | | | | | |
| Kentucky | 136.2 | 12,613 | .66 | 7.78 | 176.6 | 44.55 |
| West Virginia..... | 181.1 | 12,500 | .69 | 10.75 | 165.8 | 41.46 |
| Colombia..... | 409.1 | 12,101 | .63 | 6.17 | 167.2 | 40.46 |
| Venezuela..... | 90.4 | 12,934 | .69 | 5.82 | 156.8 | 40.58 |
| Total | 816.8 | 12,367 | .66 | 7.41 | 167.3 | 41.37 |
| 1998 | | | | | | |
| January - March | | | | | | |
| West Virginia..... | 40.9 | 12,447 | .74 | 11.20 | 167.5 | 41.71 |
| Colombia..... | 76.7 | 12,117 | .57 | 5.91 | 189.1 | 45.82 |
| Venezuela..... | 100.9 | 13,000 | .70 | 5.59 | 156.8 | 40.77 |
| Total | 218.5 | 12,586 | .66 | 6.75 | 169.7 | 42.72 |
| April - June | | | | | | |
| West Virginia..... | 40.2 | 12,240 | .70 | 11.62 | 159.4 | 39.01 |
| Colombia..... | 87.5 | 12,120 | .60 | 5.16 | 158.7 | 38.46 |
| Venezuela..... | 53.8 | 13,086 | .70 | 5.05 | 146.8 | 38.42 |
| Total | 181.5 | 12,433 | .65 | 6.56 | 155.1 | 38.57 |
| Year to Date | | | | | | |
| West Virginia..... | 81.1 | 12,344 | .72 | 11.41 | 163.5 | 40.37 |
| Colombia..... | 164.2 | 12,119 | .59 | 5.51 | 172.9 | 41.90 |
| Venezuela..... | 154.7 | 13,030 | .70 | 5.40 | 153.3 | 39.96 |
| Total | 400.0 | 12,517 | .66 | 6.66 | 163.1 | 40.84 |
| Company and Plant: Ohio Edison, Burger Plant | | | | | | |
| 1992 | | | | | | |
| Kentucky..... | 41.4 | 12,143 | 0.84 | 10.37 | 130.5 | 31.69 |
| Ohio..... | 963.7 | 12,135 | 3.62 | 11.27 | 104.4 | 25.35 |
| Pennsylvania..... | 128.2 | 12,070 | 2.83 | 11.73 | 129.8 | 31.32 |
| Wyoming..... | 61.3 | 8,449 | .35 | 5.48 | 120.1 | 20.29 |
| Indonesia..... | 13.1 | 9,587 | .14 | 1.20 | 166.9 | 32.00 |
| Total | 1,207.7 | 11,913 | 3.24 | 10.88 | 109.2 | 26.01 |
| 1993 | | | | | | |
| Kentucky..... | 6.1 | 12,223 | .88 | 10.70 | 110.4 | 26.99 |
| Ohio..... | 1,151.5 | 12,135 | 3.57 | 11.37 | 102.2 | 24.81 |
| Pennsylvania..... | 99.9 | 11,842 | 3.41 | 11.82 | 92.0 | 21.79 |
| Total | 1,257.5 | 12,113 | 3.55 | 11.41 | 101.5 | 24.58 |
| 1994 | | | | | | |
| Ohio..... | 937.8 | 12,266 | 3.58 | 10.63 | 99.0 | 24.28 |
| Pennsylvania..... | 63.6 | 11,942 | 2.80 | 11.52 | 105.5 | 25.20 |
| West Virginia..... | 1.5 | 11,112 | 4.48 | 17.60 | 112.7 | 25.05 |
| Total | 1,002.9 | 12,244 | 3.53 | 10.69 | 99.4 | 24.34 |
| 1995 | | | | | | |
| Ohio..... | 225.7 | 12,444 | 3.78 | 10.17 | 95.2 | 23.68 |
| Pennsylvania..... | 179.8 | 12,635 | 2.41 | 10.26 | 93.0 | 23.49 |
| West Virginia..... | 158.1 | 12,320 | 2.49 | 11.49 | 90.5 | 22.29 |
| Total | 563.6 | 12,470 | 2.98 | 10.57 | 93.1 | 23.23 |
| 1996 | | | | | | |
| Ohio..... | 2.3 | 11,043 | 2.57 | 10.80 | 72.6 | 16.03 |
| Pennsylvania..... | 33.4 | 11,981 | 3.38 | 11.11 | 77.5 | 18.56 |
| West Virginia..... | 942.8 | 12,323 | 3.69 | 9.65 | 81.9 | 20.18 |
| Total | 978.5 | 12,308 | 3.68 | 9.70 | 81.7 | 20.11 |
| 1997 | | | | | | |
| Kentucky..... | 30.3 | 11,362 | .70 | 12.77 | 108.4 | 24.63 |
| Ohio..... | 201.5 | 11,728 | 3.06 | 12.49 | 92.6 | 21.73 |
| Pennsylvania..... | 199.4 | 10,651 | 2.14 | 20.27 | 89.6 | 19.09 |
| West Virginia..... | 420.0 | 11,619 | 2.16 | 15.77 | 88.4 | 20.55 |
| Total | 851.2 | 11,409 | 2.32 | 15.94 | 90.4 | 20.63 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Ohio..... | 63.0 | 11,992 | 3.02 | 11.70 | 98.5 | 23.62 |
| Pennsylvania..... | 70.1 | 13,184 | 2.22 | 7.61 | 104.8 | 27.65 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Ohio Edison, Burger Plant | | | | | | |
| 1998 | | | | | | |
| January - March | | | | | | |
| West Virginia | 50.5 | 11,707 | 0.85 | 15.21 | 107.2 | 25.09 |
| Total | 183.6 | 12,369 | 2.11 | 11.10 | 103.3 | 25.56 |
| April - June | | | | | | |
| Ohio | 82.0 | 12,366 | 3.51 | 10.23 | 88.4 | 21.86 |
| Pennsylvania | 70.6 | 13,195 | 2.05 | 7.77 | 102.7 | 27.11 |
| West Virginia | 21.9 | 11,673 | 3.38 | 13.24 | 88.2 | 20.60 |
| Total | 174.5 | 12,615 | 2.90 | 9.61 | 94.4 | 23.82 |
| Year to Date | | | | | | |
| Ohio | 145.0 | 12,203 | 3.29 | 10.87 | 92.7 | 22.62 |
| Pennsylvania | 140.7 | 13,190 | 2.14 | 7.69 | 103.8 | 27.38 |
| West Virginia | 72.4 | 11,697 | 1.61 | 14.61 | 101.4 | 23.73 |
| Total | 358.1 | 12,489 | 2.50 | 10.38 | 98.9 | 24.71 |
| Company and Plant: Public Serv Co of Indiana, Gallagher | | | | | | |
| 1992 | | | | | | |
| Illinois | 51.3 | 10,841 | 3.41 | 7.97 | 185.5 | 40.21 |
| Indiana | 826.6 | 10,901 | 2.26 | 8.78 | 142.3 | 31.01 |
| Kentucky | 120.1 | 11,907 | 1.49 | 9.48 | 114.9 | 27.37 |
| West Virginia | 146.5 | 12,744 | .77 | 8.82 | 115.4 | 29.41 |
| Total | 1,144.5 | 11,240 | 2.04 | 8.82 | 137.2 | 30.84 |
| 1993 | | | | | | |
| Illinois | 11.8 | 11,792 | 1.52 | 6.70 | 102.7 | 24.23 |
| Indiana | 466.6 | 10,994 | 2.12 | 8.81 | 137.1 | 30.14 |
| Kentucky | 58.3 | 11,923 | 1.70 | 11.59 | 122.2 | 29.13 |
| Pennsylvania | 173.7 | 13,213 | 2.53 | 7.34 | 132.3 | 34.97 |
| Indonesia | 11.1 | 9,242 | .13 | 1.35 | 104.8 | 19.38 |
| Total | 721.5 | 11,589 | 2.14 | 8.53 | 133.6 | 30.96 |
| 1994 | | | | | | |
| Illinois | 362.8 | 11,905 | 1.53 | 7.19 | 130.0 | 30.96 |
| Indiana | 326.8 | 11,062 | 1.82 | 8.77 | 121.5 | 26.88 |
| Kentucky | 304.0 | 11,849 | 1.73 | 11.81 | 132.6 | 31.42 |
| Pennsylvania | 492.1 | 13,237 | 2.29 | 7.59 | 112.9 | 29.89 |
| West Virginia | 31.9 | 12,451 | 1.30 | 10.41 | 121.3 | 30.20 |
| Total | 1,517.6 | 12,155 | 1.88 | 8.65 | 122.6 | 29.81 |
| 1995 | | | | | | |
| Illinois | 445.0 | 11,913 | 1.43 | 7.05 | 123.4 | 29.41 |
| Indiana | 133.3 | 11,064 | 1.31 | 9.65 | 116.2 | 25.72 |
| Pennsylvania | 547.4 | 13,131 | 2.35 | 7.97 | 102.4 | 26.90 |
| Total | 1,125.7 | 12,405 | 1.86 | 7.80 | 111.9 | 27.75 |
| 1996 | | | | | | |
| Illinois | 376.7 | 11,970 | 1.48 | 6.65 | 115.5 | 27.66 |
| Indiana | 18.1 | 11,256 | 1.58 | 7.15 | 97.7 | 21.99 |
| Kentucky | 73.6 | 12,343 | 2.15 | 9.89 | 108.9 | 26.89 |
| Pennsylvania | 531.6 | 13,043 | 2.35 | 8.06 | 108.7 | 28.35 |
| Total | 1,000.0 | 12,555 | 1.99 | 7.64 | 111.0 | 27.87 |
| 1997 | | | | | | |
| Illinois | 108.0 | 11,889 | 1.09 | 6.71 | 124.0 | 29.49 |
| Indiana | 5.2 | 10,949 | 2.25 | 8.76 | 107.6 | 23.56 |
| Kentucky | 17.2 | 11,889 | 2.27 | 10.52 | 116.2 | 27.64 |
| Pennsylvania | 647.0 | 13,052 | 2.30 | 8.01 | 104.1 | 27.18 |
| West Virginia | 207.7 | 13,202 | 2.13 | 7.14 | 106.3 | 28.06 |
| Total | 985.1 | 12,924 | 2.13 | 7.73 | 106.8 | 27.61 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Illinois | 38.2 | 11,958 | .80 | 5.15 | 125.5 | 30.01 |
| Pennsylvania | 162.2 | 12,990 | 2.23 | 7.92 | 106.8 | 27.74 |
| West Virginia | 157.2 | 13,217 | 2.30 | 6.74 | 107.1 | 28.31 |
| Total | 357.6 | 12,980 | 2.11 | 7.10 | 108.8 | 28.23 |
| April - June | | | | | | |
| Indiana | 1.8 | 11,343 | 2.20 | 8.20 | 97.7 | 22.16 |
| Pennsylvania | 120.9 | 13,000 | 2.09 | 7.42 | 106.5 | 27.68 |
| West Virginia | 64.6 | 13,033 | 2.22 | 7.77 | 106.9 | 27.86 |
| Total | 187.3 | 12,995 | 2.14 | 7.55 | 106.5 | 27.69 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Public Serv Co of Indiana, Gallagher | | | | | | |
| 1998 | | | | | | |
| Year to Date | | | | | | |
| Illinois | 38.2 | 11,958 | 0.80 | 5.15 | 125.5 | 30.01 |
| Indiana | 1.8 | 11,343 | 2.20 | 8.20 | 97.7 | 22.16 |
| Pennsylvania | 283.1 | 12,994 | 2.17 | 7.70 | 106.6 | 27.71 |
| West Virginia | 221.8 | 13,164 | 2.28 | 7.04 | 107.0 | 28.18 |
| Total | 544.9 | 12,985 | 2.12 | 7.26 | 108.0 | 28.05 |
| Company and Plant: Public Serv Co of New Hampshire, Merrimack | | | | | | |
| 1992 | | | | | | |
| Pennsylvania | 671.5 | 13,266 | 1.57 | 6.30 | 171.5 | 45.50 |
| West Virginia | 331.8 | 13,416 | 2.27 | 6.94 | 161.4 | 43.30 |
| Total | 1,003.3 | 13,316 | 1.80 | 6.51 | 168.1 | 44.77 |
| 1993 | | | | | | |
| Pennsylvania | 661.6 | 13,240 | 1.63 | 6.42 | 165.9 | 43.92 |
| West Virginia | 388.6 | 13,225 | 2.27 | 7.59 | 155.3 | 41.07 |
| Indonesia | 21.2 | 12,620 | .49 | 3.80 | 186.5 | 47.07 |
| Venezuela | 24.9 | 12,920 | .58 | 6.00 | 163.2 | 42.17 |
| Total | 1,096.3 | 13,216 | 1.81 | 6.77 | 162.4 | 42.93 |
| 1994 | | | | | | |
| Pennsylvania | 706.9 | 13,176 | 1.57 | 6.61 | 156.5 | 41.25 |
| West Virginia | 272.1 | 13,253 | 2.34 | 7.50 | 147.8 | 39.17 |
| Total | 979.0 | 13,197 | 1.78 | 6.86 | 154.1 | 40.67 |
| 1995 | | | | | | |
| Pennsylvania | 759.3 | 13,203 | 1.49 | 6.90 | 161.1 | 42.53 |
| Virginia | 19.1 | 13,910 | .68 | 7.00 | 203.5 | 56.61 |
| West Virginia | 223.3 | 13,366 | 2.29 | 6.28 | 141.7 | 37.89 |
| Colombia | 11.5 | 11,578 | .53 | 3.80 | 192.9 | 44.67 |
| Total | 1,013.2 | 13,234 | 1.64 | 6.73 | 157.9 | 41.80 |
| 1996 | | | | | | |
| Pennsylvania | 715.4 | 13,233 | 1.53 | 6.72 | 162.3 | 42.95 |
| Virginia | 16.0 | 14,085 | .74 | 5.83 | 199.8 | 56.30 |
| West Virginia | 278.0 | 13,320 | 2.34 | 6.64 | 147.0 | 39.15 |
| Venezuela | 39.9 | 12,370 | .39 | 3.70 | 213.2 | 52.75 |
| Total | 1,049.3 | 13,236 | 1.69 | 6.57 | 160.6 | 42.52 |
| 1997 | | | | | | |
| Pennsylvania | 830.3 | 13,221 | 1.46 | 6.97 | 166.2 | 43.95 |
| Virginia | 9.9 | 13,759 | 1.46 | 5.37 | 212.5 | 58.47 |
| West Virginia | 312.8 | 13,325 | 2.06 | 6.86 | 154.2 | 41.10 |
| Indonesia | 40.8 | 12,300 | .49 | 4.50 | 190.7 | 46.92 |
| Total | 1,193.7 | 13,221 | 1.58 | 6.84 | 164.2 | 43.43 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Pennsylvania | 187.4 | 13,129 | 1.44 | 7.30 | 165.0 | 43.33 |
| West Virginia | 73.6 | 13,266 | 2.47 | 7.25 | 160.1 | 42.47 |
| Total | 261.0 | 13,168 | 1.73 | 7.29 | 163.6 | 43.09 |
| April - June | | | | | | |
| Pennsylvania | 143.4 | 13,159 | 1.46 | 6.88 | 166.9 | 43.92 |
| West Virginia | 43.8 | 13,296 | 2.29 | 6.69 | 160.0 | 42.54 |
| Total | 187.1 | 13,191 | 1.66 | 6.84 | 165.2 | 43.59 |
| Year to Date | | | | | | |
| Pennsylvania | 330.7 | 13,142 | 1.45 | 7.12 | 165.8 | 43.59 |
| West Virginia | 117.4 | 13,277 | 2.40 | 7.04 | 160.0 | 42.50 |
| Total | 448.1 | 13,177 | 1.70 | 7.10 | 164.3 | 43.30 |
| Company and Plant: Public Serv Co of New Hampshire, Schiller | | | | | | |
| 1992 | | | | | | |
| Pennsylvania | 8.3 | 13,080 | 1.46 | 6.25 | 173.0 | 45.26 |
| West Virginia | 131.9 | 13,252 | .77 | 6.62 | 175.2 | 46.44 |
| Colombia | 48.4 | 12,428 | .61 | 6.31 | 157.2 | 39.08 |
| Venezuela | 34.3 | 12,881 | .58 | 6.76 | 168.0 | 43.29 |
| Total | 222.9 | 13,010 | .73 | 6.56 | 170.3 | 44.31 |
| 1993 | | | | | | |
| West Virginia | 57.6 | 13,238 | .75 | 7.40 | 171.7 | 45.45 |
| Colombia | 52.1 | 12,861 | .64 | 7.49 | 150.0 | 38.59 |
| Indonesia | 16.0 | 12,620 | .49 | 3.80 | 161.3 | 40.71 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Public Serv Co of New Hampshire, Schiller | | | | | | |
| 1993 | | | | | | |
| Venezuela..... | 84.3 | 12,972 | 0.58 | 6.08 | 138.6 | 35.95 |
| Total | 210.1 | 12,991 | .63 | 6.62 | 152.3 | 39.58 |
| 1994 | | | | | | |
| Colombia..... | 163.3 | 12,505 | .62 | 5.55 | 135.5 | 33.89 |
| Indonesia..... | 113.0 | 12,360 | .53 | 3.58 | 158.7 | 39.23 |
| Total | 276.3 | 12,446 | .58 | 4.74 | 144.9 | 36.07 |
| 1995 | | | | | | |
| West Virginia..... | 74.1 | 12,997 | .80 | 8.76 | 164.3 | 42.72 |
| Colombia..... | 122.9 | 12,733 | .62 | 6.70 | 160.0 | 40.73 |
| Indonesia..... | 79.7 | 12,300 | .52 | 4.56 | 167.8 | 41.28 |
| Venezuela..... | 82.4 | 13,044 | .71 | 7.24 | 156.5 | 40.84 |
| Total | 359.1 | 12,762 | .66 | 6.77 | 161.8 | 41.29 |
| 1996 | | | | | | |
| Kentucky..... | 14.5 | 12,830 | .90 | 8.40 | 193.7 | 49.70 |
| Pennsylvania..... | 44.0 | 12,708 | 1.53 | 13.21 | 155.8 | 39.59 |
| West Virginia..... | 101.3 | 12,988 | 1.38 | 9.41 | 157.6 | 40.95 |
| Colombia..... | 32.3 | 12,169 | .66 | 5.68 | 161.9 | 39.41 |
| Indonesia..... | 25.9 | 12,412 | .72 | 8.20 | 161.9 | 40.19 |
| Venezuela..... | 56.1 | 13,061 | .67 | 6.04 | 159.8 | 41.75 |
| Total | 274.2 | 12,799 | 1.09 | 8.72 | 160.6 | 41.11 |
| 1997 | | | | | | |
| Pennsylvania..... | 29.5 | 13,002 | 1.75 | 8.00 | 159.2 | 41.40 |
| West Virginia..... | 140.0 | 12,969 | 1.41 | 8.20 | 160.0 | 41.51 |
| Colombia..... | 35.4 | 13,231 | .63 | 6.70 | 160.1 | 42.37 |
| Venezuela..... | 229.0 | 12,217 | .67 | 6.13 | 160.7 | 39.27 |
| Total | 433.9 | 12,596 | .98 | 6.97 | 160.3 | 40.39 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Colombia..... | 34.7 | 13,188 | .64 | 5.50 | 172.8 | 45.58 |
| Venezuela..... | 73.9 | 13,161 | .65 | 5.20 | 148.9 | 39.20 |
| Total | 108.6 | 13,170 | .65 | 5.29 | 156.6 | 41.24 |
| April - June | | | | | | |
| Pennsylvania..... | 14.7 | 13,018 | 1.40 | 6.90 | 159.8 | 41.60 |
| Venezuela..... | 73.8 | 12,796 | .68 | 6.15 | 145.8 | 37.30 |
| Total | 88.5 | 12,833 | .80 | 6.28 | 148.1 | 38.01 |
| Year to Date | | | | | | |
| Pennsylvania..... | 14.7 | 13,018 | 1.40 | 6.90 | 159.8 | 41.60 |
| Colombia..... | 34.7 | 13,188 | .64 | 5.50 | 172.8 | 45.58 |
| Venezuela..... | 147.7 | 12,979 | .67 | 5.67 | 147.4 | 38.25 |
| Total | 197.1 | 13,018 | .72 | 5.73 | 152.8 | 39.79 |
| Company and Plant: Public Serv Electric & Gas Co, Mercer | | | | | | |
| 1992 | | | | | | |
| Virginia..... | 805.6 | 14,185 | 0.83 | 4.40 | 175.9 | 49.90 |
| West Virginia..... | 35.3 | 13,875 | .64 | 5.71 | 170.8 | 47.40 |
| Total | 840.9 | 14,172 | .82 | 4.46 | 175.7 | 49.80 |
| 1993 | | | | | | |
| Virginia..... | 695.9 | 14,123 | .80 | 4.54 | 179.6 | 50.73 |
| West Virginia..... | 7.2 | 13,648 | .64 | 5.91 | 174.6 | 47.65 |
| Total | 703.1 | 14,118 | .80 | 4.56 | 179.6 | 50.70 |
| 1994 | | | | | | |
| Virginia..... | 687.7 | 14,046 | .79 | 4.73 | 179.8 | 50.50 |
| West Virginia..... | .7 | 13,381 | .66 | 6.60 | 174.6 | 46.73 |
| Total | 688.4 | 14,045 | .79 | 4.73 | 179.8 | 50.50 |
| 1995 | | | | | | |
| Virginia..... | 688.8 | 13,985 | .77 | 4.89 | 175.3 | 49.03 |
| West Virginia..... | .1 | 13,529 | .70 | 6.70 | 145.3 | 39.32 |
| Total | 688.9 | 13,985 | .77 | 4.89 | 175.3 | 49.03 |
| 1996 | | | | | | |
| Virginia..... | 635.8 | 13,897 | .77 | 5.36 | 181.6 | 50.46 |
| West Virginia..... | .8 | 12,705 | .97 | 8.20 | 172.9 | 43.93 |
| Total | 636.6 | 13,896 | .77 | 5.36 | 181.5 | 50.45 |
| 1997 | | | | | | |
| Virginia..... | 880.3 | 13,634 | .78 | 5.85 | 174.7 | 47.64 |
| West Virginia..... | .8 | 12,514 | .92 | 8.60 | 164.6 | 41.20 |
| Total | 881.1 | 13,633 | .78 | 5.85 | 174.7 | 47.64 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Public Serv Electric & Gas Co, Mercer | | | | | | |
| 1998 | | | | | | |
| January - March | | | | | | |
| Virginia | 174.3 | 13,912 | 0.76 | 5.07 | 160.3 | 44.60 |
| West Virginia | 8.1 | 11,531 | .67 | 10.60 | 126.9 | 29.27 |
| Venezuela | 39.0 | 12,998 | .68 | 5.50 | 155.3 | 40.37 |
| Total | 221.4 | 13,664 | .74 | 5.34 | 158.4 | 43.29 |
| April - June | | | | | | |
| Virginia | 235.8 | 14,074 | .73 | 4.71 | 153.7 | 43.26 |
| West Virginia | 32.7 | 11,555 | .70 | 15.96 | 127.6 | 29.49 |
| Total | 268.5 | 13,767 | .73 | 6.08 | 151.0 | 41.58 |
| Year to Date | | | | | | |
| Virginia | 410.1 | 14,005 | .74 | 4.86 | 156.5 | 43.83 |
| West Virginia | 40.8 | 11,551 | .70 | 14.90 | 127.5 | 29.44 |
| Venezuela | 39.0 | 12,998 | .68 | 5.50 | 155.3 | 40.37 |
| Total | 489.9 | 13,721 | .73 | 5.75 | 154.4 | 42.36 |
| Company and Plant: Public Serv Electric & Gas-NJ, Hudson | | | | | | |
| 1992 | | | | | | |
| Kentucky | 189.1 | 13,197 | 0.83 | 6.64 | 183.3 | 48.38 |
| West Virginia | 380.3 | 13,069 | .82 | 7.36 | 173.1 | 45.24 |
| Total | 569.4 | 13,111 | .82 | 7.12 | 176.5 | 46.28 |
| 1993 | | | | | | |
| Kentucky | 76.0 | 13,336 | .84 | 6.75 | 185.7 | 49.54 |
| West Virginia | 362.0 | 12,930 | .81 | 7.93 | 188.1 | 48.65 |
| Total | 438.0 | 13,000 | .82 | 7.73 | 187.7 | 48.80 |
| 1994 | | | | | | |
| Kentucky | 251.3 | 13,158 | .73 | 7.48 | 202.1 | 53.19 |
| West Virginia | 293.6 | 13,102 | .80 | 7.53 | 202.5 | 53.05 |
| Colombia | 22.5 | 12,870 | .68 | 6.90 | 166.9 | 42.96 |
| Total | 567.4 | 13,118 | .77 | 7.48 | 200.9 | 52.71 |
| 1995 | | | | | | |
| Kentucky | 436.3 | 13,082 | .65 | 6.77 | 191.2 | 50.02 |
| West Virginia | 252.1 | 13,070 | .83 | 7.59 | 179.5 | 46.93 |
| Total | 688.4 | 13,078 | .71 | 7.07 | 186.9 | 48.89 |
| 1996 | | | | | | |
| Kentucky | 172.8 | 13,008 | .67 | 7.51 | 178.4 | 46.41 |
| West Virginia | 536.8 | 12,588 | .88 | 10.65 | 170.4 | 42.90 |
| Total | 709.6 | 12,690 | .83 | 9.88 | 172.4 | 43.76 |
| 1997 | | | | | | |
| Kentucky | 106.0 | 13,059 | .65 | 7.47 | 174.3 | 45.53 |
| West Virginia | 314.4 | 12,522 | .92 | 11.43 | 167.6 | 41.97 |
| Total | 420.4 | 12,657 | .85 | 10.43 | 169.3 | 42.87 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 26.6 | 12,893 | .85 | 5.64 | 164.7 | 42.47 |
| West Virginia | 55.8 | 12,202 | .84 | 12.59 | 149.0 | 36.36 |
| Total | 82.4 | 12,425 | .84 | 10.34 | 154.2 | 38.33 |
| April - June | | | | | | |
| Kentucky | 1.9 | 13,051 | .90 | 7.10 | 154.2 | 40.25 |
| West Virginia | 128.7 | 12,308 | .87 | 13.35 | 137.5 | 33.84 |
| Total | 130.6 | 12,319 | .87 | 13.26 | 137.7 | 33.94 |
| Year to Date | | | | | | |
| Kentucky | 28.5 | 12,904 | .85 | 5.73 | 164.0 | 42.33 |
| West Virginia | 184.5 | 12,276 | .86 | 13.12 | 140.9 | 34.60 |
| Total | 213.0 | 12,360 | .86 | 12.13 | 144.2 | 35.64 |
| Company and Plant: Savannah Electric and Power, Port Wentworth | | | | | | |
| 1992 | | | | | | |
| Kentucky | 3.0 | 11,947 | 1.36 | 13.60 | 132.2 | 31.59 |
| Virginia | 60.5 | 12,392 | .98 | 11.96 | 148.1 | 36.71 |
| Total | 63.5 | 12,371 | 1.00 | 12.04 | 147.4 | 36.46 |
| 1993 | | | | | | |
| Kentucky | 80.2 | 12,770 | .98 | 9.66 | 175.8 | 44.91 |
| Virginia | 174.6 | 12,782 | .99 | 10.15 | 173.0 | 44.22 |
| West Virginia | 5.1 | 12,738 | .77 | 8.60 | 166.7 | 42.46 |
| Total | 259.9 | 12,777 | .98 | 9.97 | 173.7 | 44.40 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Savannah Electric and Power, Port Wentworth | | | | | | |
| 1994 | | | | | | |
| Kentucky | 106.7 | 12,520 | 1.19 | 9.54 | 172.2 | 43.13 |
| Virginia | 31.6 | 12,543 | .98 | 10.23 | 169.4 | 42.49 |
| Colombia..... | 11.9 | 11,235 | .69 | 5.87 | 214.1 | 48.12 |
| Venezuela..... | 16.8 | 12,575 | 1.12 | 8.60 | 168.0 | 42.25 |
| Total | 167.0 | 12,438 | 1.11 | 9.31 | 174.0 | 43.27 |
| 1995 | | | | | | |
| Kentucky | 9.9 | 11,801 | .55 | 14.50 | 143.0 | 33.75 |
| Virginia | 130.3 | 13,124 | .87 | 9.43 | 159.0 | 41.74 |
| Total | 140.3 | 13,030 | .85 | 9.79 | 158.0 | 41.17 |
| 1996 | | | | | | |
| Venezuela..... | 209.9 | 12,143 | 1.08 | 6.71 | 152.8 | 37.11 |
| Total | 209.9 | 12,143 | 1.08 | 6.71 | 152.8 | 37.11 |
| 1997 | | | | | | |
| Venezuela..... | 279.1 | 11,949 | 1.28 | 7.72 | 135.1 | 32.29 |
| Total | 279.1 | 11,949 | 1.28 | 7.72 | 135.1 | 32.29 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Venezuela | 79.0 | 13,018 | .67 | 5.50 | 152.4 | 39.68 |
| Total | 79.0 | 13,018 | .67 | 5.50 | 152.4 | 39.68 |
| April - June | | | | | | |
| Venezuela | 71.4 | 11,986 | 1.58 | 8.20 | 147.8 | 35.43 |
| Total | 71.4 | 11,986 | 1.58 | 8.20 | 147.8 | 35.43 |
| Year to Date | | | | | | |
| Venezuela | 150.3 | 12,528 | 1.10 | 6.78 | 150.3 | 37.66 |
| Total | 150.3 | 12,528 | 1.10 | 6.78 | 150.3 | 37.66 |
| Company and Plant: Takoma Dept. of Public Utilities, Steam No.2 | | | | | | |
| 1992 | | | | | | |
| Montana | 4.0 | 9,492 | 0.40 | 4.25 | 169.0 | 32.08 |
| Washington | 2.3 | 12,366 | .72 | 14.03 | 154.5 | 38.21 |
| Wyoming..... | 2.0 | 8,846 | .22 | 4.67 | 181.0 | 32.02 |
| Canada..... | 15.3 | 9,993 | .42 | 12.95 | 214.7 | 42.90 |
| Total | 23.7 | 10,043 | .43 | 10.87 | 197.5 | 39.67 |
| 1993 | | | | | | |
| Montana | 10.0 | 9,482 | .37 | 4.10 | 182.6 | 34.63 |
| Washington | 2.2 | 10,967 | .70 | 14.47 | 163.5 | 35.87 |
| Canada..... | 29.2 | 10,036 | .48 | 12.60 | 179.5 | 36.03 |
| Total | 41.4 | 9,951 | .46 | 10.64 | 179.3 | 35.68 |
| 1994 | | | | | | |
| Montana | 26.4 | 9,465 | .41 | 4.63 | 175.8 | 33.27 |
| Washington | 3.3 | 10,865 | .72 | 13.30 | 165.3 | 35.91 |
| Canada..... | 6.3 | 9,806 | .48 | 12.80 | 178.0 | 34.91 |
| Total | 36.1 | 9,655 | .45 | 6.87 | 175.1 | 33.81 |
| 1995 | | | | | | |
| Montana | 3.8 | 9,470 | .36 | 4.64 | 180.0 | 34.09 |
| Canada..... | 23.8 | 10,066 | .47 | 13.14 | 166.0 | 33.42 |
| Total | 27.6 | 9,983 | .46 | 11.96 | 167.8 | 33.51 |
| 1996 | | | | | | |
| Montana | 3.9 | 9,516 | .50 | 5.00 | 176.0 | 33.50 |
| Wyoming..... | .3 | 8,858 | .27 | 5.13 | 109.0 | 19.31 |
| Canada..... | 18.0 | 9,861 | .44 | 12.97 | 174.6 | 34.44 |
| Total | 22.2 | 9,788 | .45 | 11.47 | 174.1 | 34.09 |
| 1997 | | | | | | |
| Washington | 1.5 | 10,616 | .70 | 17.57 | 154.0 | 32.71 |
| Canada..... | 9.6 | 10,144 | .43 | 12.25 | 171.4 | 34.79 |
| Total | 11.1 | 10,208 | .46 | 12.96 | 169.0 | 34.51 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Washington | .8 | 10,800 | .73 | 72.92 | 165.2 | 35.67 |
| Total | .8 | 10,800 | .73 | 72.92 | 165.2 | 35.67 |
| April - June | | | | | | |
| Washington | .1 | 10,800 | .73 | 14.00 | 168.0 | 36.29 |
| Total | .1 | 10,800 | .73 | 14.00 | 168.0 | 36.29 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Takoma Dept. of Public Utilities, Steam No.2 | | | | | | |
| 1998 | | | | | | |
| Year to Date | | | | | | |
| Washington | 0.9 | 10,800 | 0.73 | 66.06 | 165.5 | 35.74 |
| Total | .9 | 10,800 | .73 | 66.06 | 165.5 | 35.74 |
| Company and Plant: Tampa Electric, Big Bend² | | | | | | |
| 1993 | | | | | | |
| Illinois | 35.2 | 11,194 | 0.82 | 11.00 | 185.1 | 41.44 |
| Total | 35.2 | 11,194 | .82 | 11.00 | 185.1 | 41.44 |
| Company and Plant: Tampa Electric, Davant Transfer | | | | | | |
| 1992 | | | | | | |
| Colorado | 180.6 | 13,092 | 0.45 | 10.01 | 146.5 | 38.37 |
| Illinois | 1,224.1 | 11,287 | 2.87 | 8.89 | 181.0 | 40.86 |
| Kentucky | 3,358.9 | 12,415 | 2.30 | 7.91 | 178.7 | 44.37 |
| Tennessee | 268.8 | 12,861 | 1.19 | 6.20 | 217.6 | 55.98 |
| Utah | 31.6 | 11,596 | .39 | 8.20 | 163.8 | 37.99 |
| West Virginia | 451.8 | 13,137 | 2.38 | 7.64 | 207.1 | 54.41 |
| Wyoming | 12.3 | 8,887 | .20 | 4.70 | 142.3 | 25.29 |
| Total | 5,528.1 | 12,255 | 2.30 | 8.09 | 182.4 | 44.70 |
| 1993 | | | | | | |
| Illinois | 1,346.0 | 11,380 | 2.77 | 8.93 | 170.6 | 38.82 |
| Indiana | 18.8 | 11,230 | 3.02 | 10.43 | 123.1 | 27.64 |
| Kentucky | 2,783.2 | 12,425 | 2.20 | 7.94 | 189.3 | 47.05 |
| Tennessee | 304.6 | 12,740 | 1.12 | 7.02 | 203.7 | 51.89 |
| Utah | 186.5 | 11,586 | .35 | 8.25 | 156.1 | 36.17 |
| West Virginia | 728.0 | 13,186 | 2.27 | 7.40 | 172.4 | 45.47 |
| Colombia | 222.2 | 10,844 | .62 | 7.63 | 166.6 | 36.13 |
| Venezuela | 61.4 | 11,056 | 1.48 | 9.78 | 220.7 | 48.80 |
| Total | 5,650.8 | 12,182 | 2.16 | 8.08 | 181.9 | 44.31 |
| 1994 | | | | | | |
| Colorado | 422.5 | 12,980 | .44 | 9.88 | 158.7 | 41.19 |
| Illinois | 1,874.6 | 11,234 | 2.94 | 9.45 | 164.6 | 36.99 |
| Kentucky | 2,399.8 | 12,268 | 2.49 | 7.39 | 186.9 | 45.85 |
| Pennsylvania | 70.0 | 13,276 | 2.39 | 7.75 | 132.2 | 35.11 |
| Tennessee | 276.1 | 12,628 | 1.14 | 7.43 | 215.3 | 54.38 |
| West Virginia | 626.3 | 13,096 | 2.63 | 7.34 | 167.5 | 43.88 |
| Wyoming | 117.8 | 8,746 | .28 | 5.12 | 131.6 | 23.01 |
| Indonesia | 147.2 | 9,871 | .09 | 1.10 | 143.0 | 28.24 |
| Total | 5,934.5 | 11,979 | 2.33 | 8.02 | 174.8 | 41.89 |
| 1995 | | | | | | |
| Colorado | 810.8 | 12,745 | .43 | 9.84 | 184.3 | 46.99 |
| Illinois | 2,370.8 | 11,536 | 2.26 | 8.27 | 170.5 | 39.33 |
| Kentucky | 1,737.5 | 11,818 | 2.62 | 7.35 | 139.0 | 32.86 |
| Tennessee | 120.2 | 12,565 | 1.12 | 8.66 | 229.2 | 57.59 |
| Indonesia | 348.9 | 9,696 | .31 | 1.16 | 143.8 | 27.88 |
| Total | 5,388.1 | 11,713 | 1.95 | 7.76 | 162.5 | 38.06 |
| 1996 | | | | | | |
| Colorado | 138.6 | 12,929 | .48 | 10.04 | 190.8 | 49.32 |
| Illinois | 2,993.7 | 11,914 | 2.52 | 7.85 | 159.0 | 37.88 |
| Kentucky | 1,659.8 | 11,667 | 2.78 | 7.90 | 127.6 | 29.78 |
| West Virginia | 157.5 | 13,120 | 2.38 | 8.01 | 130.1 | 34.14 |
| Wyoming | 590.7 | 8,833 | .21 | 4.39 | 142.0 | 25.09 |
| Indonesia | 807.8 | 9,655 | .29 | 1.48 | 149.7 | 28.91 |
| Total | 6,348.2 | 11,327 | 2.04 | 6.78 | 148.3 | 33.59 |
| 1997 | | | | | | |
| Illinois | 3,124.4 | 11,947 | 2.33 | 8.54 | 157.3 | 37.59 |
| Indiana | 4.8 | 11,216 | .70 | 7.30 | 164.4 | 36.88 |
| Kentucky | 1,943.7 | 11,609 | 2.95 | 9.34 | 132.3 | 30.71 |
| West Virginia | 338.5 | 13,181 | 2.21 | 7.72 | 129.2 | 34.05 |
| Wyoming | 970.6 | 8,720 | .43 | 5.29 | 141.0 | 24.59 |
| Indonesia | 741.3 | 9,614 | .35 | 1.44 | 162.7 | 31.29 |
| Venezuela | 58.6 | 12,953 | 1.47 | 3.50 | 130.2 | 33.73 |
| Total | 7,181.8 | 11,244 | 2.02 | 7.50 | 147.3 | 33.12 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|---|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Company and Plant: Tampa Electric, Davant Transfer | | | | | | |
| 1998 | | | | | | |
| January - March | | | | | | |
| Illinois | 861.7 | 11,870 | 2.43 | 8.47 | 160.9 | 38.21 |
| Indiana | 30.4 | 10,864 | 3.03 | 10.20 | 125.2 | 27.20 |
| Kentucky | 561.5 | 11,491 | 2.68 | 7.83 | 130.4 | 29.98 |
| West Virginia | 158.3 | 13,214 | 2.25 | 7.56 | 137.5 | 36.33 |
| Wyoming | 252.3 | 8,749 | .40 | 5.33 | 138.2 | 24.19 |
| Indonesia | 73.8 | 9,507 | .38 | 1.10 | 163.3 | 31.05 |
| Total | 1,938.0 | 11,358 | 2.15 | 7.55 | 147.0 | 33.40 |
| April - June | | | | | | |
| Illinois | 866.7 | 11,991 | 2.38 | 8.29 | 156.1 | 37.43 |
| Kentucky | 539.0 | 11,554 | 2.76 | 7.93 | 128.4 | 29.68 |
| Wyoming | 225.7 | 8,721 | .40 | 5.11 | 133.8 | 23.34 |
| Indonesia | 223.5 | 9,623 | .21 | 1.13 | 157.9 | 30.38 |
| Total | 1,854.8 | 11,181 | 1.99 | 6.94 | 145.9 | 32.61 |
| Year to Date | | | | | | |
| Illinois | 1,728.4 | 11,931 | 2.41 | 8.38 | 158.5 | 37.82 |
| Indiana | 30.4 | 10,864 | 3.03 | 10.20 | 125.2 | 27.20 |
| Kentucky | 1,100.5 | 11,522 | 2.72 | 7.88 | 129.5 | 29.83 |
| West Virginia | 158.3 | 13,214 | 2.25 | 7.56 | 137.5 | 36.33 |
| Wyoming | 477.9 | 8,735 | .40 | 5.23 | 136.2 | 23.79 |
| Indonesia | 297.3 | 9,594 | .25 | 1.12 | 159.2 | 30.55 |
| Total | 3,792.8 | 11,271 | 2.07 | 7.25 | 146.5 | 33.02 |
| Company and Plant: United Illuminating Co, Bridgeport Harbor | | | | | | |
| 1992 | | | | | | |
| Kentucky | 772.0 | 13,162 | 0.55 | 6.25 | 195.5 | 51.47 |
| West Virginia | 21.0 | 13,351 | .67 | 6.20 | 168.9 | 45.10 |
| Total | 793.0 | 13,167 | .55 | 6.25 | 194.8 | 51.30 |
| 1993 | | | | | | |
| Kentucky | 665.0 | 13,113 | .54 | 7.02 | 170.6 | 44.74 |
| West Virginia | 75.0 | 13,426 | .67 | 6.33 | 168.6 | 45.29 |
| Total | 740.0 | 13,144 | .55 | 6.95 | 170.4 | 44.80 |
| 1994 | | | | | | |
| Kentucky | 809.0 | 13,080 | .53 | 7.41 | 177.6 | 46.46 |
| West Virginia | 54.0 | 13,306 | .64 | 6.97 | 173.8 | 46.25 |
| Total | 863.0 | 13,094 | .54 | 7.38 | 177.4 | 46.45 |
| 1995 | | | | | | |
| Kentucky | 836.0 | 13,109 | .56 | 7.05 | 188.1 | 49.32 |
| West Virginia | 5.0 | 13,252 | .69 | 6.50 | 190.0 | 50.36 |
| Total | 841.0 | 13,110 | .56 | 7.05 | 188.1 | 49.33 |
| 1996 | | | | | | |
| Kentucky | 903.0 | 13,098 | .54 | 7.24 | 191.2 | 50.09 |
| Venezuela | 28.0 | 13,174 | .61 | 4.10 | 185.0 | 48.74 |
| Total | 931.0 | 13,100 | .54 | 7.14 | 191.0 | 50.05 |
| 1997 | | | | | | |
| Kentucky | 760.0 | 13,094 | .51 | 7.41 | 191.9 | 50.25 |
| Virginia | 4.0 | 13,830 | .72 | 5.27 | 184.2 | 50.94 |
| West Virginia | 153.1 | 13,244 | .63 | 6.85 | 188.5 | 49.93 |
| Venezuela | 35.0 | 13,387 | .64 | 4.30 | 169.6 | 45.41 |
| Total | 952.1 | 13,132 | .54 | 7.20 | 190.5 | 50.02 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Kentucky | 229.0 | 13,113 | .51 | 6.89 | 184.3 | 48.33 |
| West Virginia | 49.0 | 13,246 | .61 | 7.67 | 181.3 | 48.04 |
| Total | 278.0 | 13,137 | .53 | 7.03 | 183.7 | 48.28 |
| April - June | | | | | | |
| Kentucky | 123.0 | 13,076 | .49 | 7.16 | 180.6 | 47.24 |
| West Virginia | 15.0 | 13,346 | .63 | 7.03 | 181.6 | 48.47 |
| Venezuela | 36.0 | 13,677 | .58 | 4.00 | 161.6 | 44.20 |
| Total | 174.0 | 13,223 | .52 | 6.50 | 176.6 | 46.72 |
| Year to Date | | | | | | |
| Kentucky | 352.0 | 13,100 | .50 | 6.99 | 183.0 | 47.95 |
| West Virginia | 64.0 | 13,270 | .61 | 7.52 | 181.4 | 48.14 |
| Venezuela | 36.0 | 13,677 | .58 | 4.00 | 161.6 | 44.20 |
| Total | 452.0 | 13,170 | .52 | 6.82 | 181.0 | 47.68 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Total of U.S. Electric Utility Plants | | | | | | |
| 1992 | | | | | | |
| Alabama | 71.9 | 12,060 | 2.75 | 12.94 | 120.6 | 29.09 |
| Colorado | 1,961.3 | 11,088 | .40 | 6.66 | 198.7 | 44.06 |
| Illinois | 3,933.7 | 11,729 | 2.79 | 8.55 | 190.4 | 44.67 |
| Indiana | 826.6 | 10,901 | 2.26 | 8.78 | 142.3 | 31.01 |
| Kentucky | 9,906.3 | 12,654 | 1.44 | 7.99 | 170.5 | 43.14 |
| Montana | 86.2 | 9,388 | .31 | 4.16 | 137.5 | 25.82 |
| Ohio | 963.7 | 12,135 | 3.62 | 11.27 | 104.4 | 25.35 |
| Pennsylvania | 1,340.4 | 13,123 | 1.60 | 7.13 | 167.3 | 43.92 |
| Tennessee | 268.8 | 12,861 | 1.19 | 6.20 | 217.6 | 55.98 |
| Utah | 31.6 | 11,596 | .39 | 8.20 | 163.8 | 37.99 |
| Virginia | 761.6 | 12,926 | 1.03 | 8.27 | 176.4 | 45.60 |
| Washington | 2.3 | 12,366 | .72 | 14.03 | 154.5 | 38.21 |
| West Virginia | 10,753.8 | 12,869 | 1.00 | 9.20 | 168.0 | 43.25 |
| Wyoming | 9,242.1 | 8,427 | .40 | 5.34 | 138.8 | 23.40 |
| Canada | 48.1 | 12,432 | 1.09 | 6.72 | 185.1 | 46.01 |
| Colombia | 1,504.1 | 11,938 | .70 | 6.91 | 150.9 | 36.04 |
| Indonesia | 13.1 | 9,587 | .14 | 1.20 | 166.9 | 32.00 |
| Venezuela | 240.6 | 13,206 | .69 | 7.18 | 164.6 | 43.49 |
| Total | 41,956.3 | 11,561 | 1.21 | 7.72 | 165.2 | 38.19 |
| 1993 | | | | | | |
| Alabama | 72.3 | 12,337 | 2.09 | 11.73 | 191.1 | 47.15 |
| Colorado | 1,947.6 | 10,661 | .40 | 6.86 | 198.9 | 42.40 |
| Illinois | 3,596.4 | 11,738 | 2.56 | 8.43 | 174.6 | 40.99 |
| Indiana | 485.4 | 11,003 | 2.15 | 8.88 | 136.5 | 30.05 |
| Kentucky | 9,134.0 | 12,697 | 1.33 | 8.12 | 174.0 | 44.19 |
| Maryland | 56.2 | 13,015 | 1.30 | 9.55 | 161.4 | 42.00 |
| Montana | 187.7 | 9,428 | .39 | 4.58 | 160.4 | 30.24 |
| Ohio | 1,151.5 | 12,135 | 3.57 | 11.37 | 102.2 | 24.81 |
| Pennsylvania | 1,451.4 | 13,093 | 1.79 | 7.35 | 156.7 | 41.04 |
| Tennessee | 304.6 | 12,740 | 1.12 | 7.02 | 203.7 | 51.89 |
| Utah | 186.5 | 11,586 | .35 | 8.25 | 156.1 | 36.17 |
| Virginia | 435.8 | 12,995 | .94 | 8.99 | 186.8 | 48.56 |
| Washington | 2.2 | 10,967 | .70 | 14.47 | 163.5 | 35.87 |
| West Virginia | 8,787.9 | 12,904 | 1.03 | 8.97 | 167.0 | 43.10 |
| Wyoming | 11,393.1 | 8,389 | .38 | 5.24 | 134.5 | 22.56 |
| Canada | 29.2 | 10,036 | .48 | 12.60 | 179.5 | 36.03 |
| Colombia | 3,585.1 | 11,867 | .66 | 6.85 | 149.0 | 35.37 |
| Indonesia | 115.8 | 10,620 | .22 | 2.07 | 166.1 | 35.29 |
| Venezuela | 897.5 | 12,874 | .67 | 6.96 | 166.4 | 42.84 |
| Total | 43,820.3 | 11,342 | 1.08 | 7.43 | 160.7 | 36.46 |
| 1994 | | | | | | |
| Alabama | 1.5 | 12,241 | 2.87 | 10.00 | 204.1 | 49.97 |
| Colorado | 2,861.0 | 11,189 | .42 | 8.16 | 181.7 | 40.67 |
| Illinois | 4,198.2 | 11,616 | 2.44 | 8.40 | 164.4 | 38.19 |
| Indiana | 326.8 | 11,062 | 1.82 | 8.77 | 121.5 | 26.88 |
| Kentucky | 8,908.6 | 12,635 | 1.37 | 8.25 | 176.8 | 44.67 |
| Maryland | 138.3 | 13,155 | 1.38 | 9.85 | 149.9 | 39.43 |
| Montana | 1,314.8 | 9,404 | .40 | 4.78 | 138.8 | 26.11 |
| Ohio | 937.8 | 12,266 | 3.58 | 10.63 | 99.0 | 24.28 |
| Pennsylvania | 1,992.6 | 13,125 | 1.76 | 7.34 | 144.5 | 37.94 |
| Tennessee | 276.1 | 12,628 | 1.14 | 7.43 | 215.3 | 54.38 |
| Virginia | 127.7 | 12,926 | .87 | 8.50 | 173.6 | 44.89 |
| Washington | 3.3 | 10,865 | .72 | 13.30 | 165.3 | 35.91 |
| West Virginia | 10,671.9 | 12,732 | .95 | 9.58 | 165.3 | 42.08 |
| Wyoming | 10,628.8 | 8,440 | .35 | 5.15 | 133.6 | 22.55 |
| Canada | 63.3 | 10,885 | .26 | 10.53 | 152.4 | 33.19 |
| Colombia | 2,971.8 | 11,997 | .66 | 6.76 | 142.7 | 34.25 |
| Indonesia | 437.3 | 10,499 | .22 | 1.82 | 157.4 | 33.06 |
| South Africa | 127.3 | 11,318 | .65 | 12.60 | 181.1 | 41.00 |
| Venezuela | 1,355.2 | 12,649 | .76 | 6.61 | 172.3 | 43.60 |
| Total | 47,342.4 | 11,387 | 1.04 | 7.59 | 159.0 | 36.20 |
| 1995 | | | | | | |
| Colorado | 3,552.8 | 11,471 | .42 | 8.39 | 170.5 | 39.12 |
| Illinois | 4,594.4 | 11,754 | 1.95 | 7.81 | 170.7 | 40.12 |
| Indiana | 133.3 | 11,064 | 1.31 | 9.65 | 116.2 | 25.72 |
| Kentucky | 8,569.5 | 12,623 | 1.27 | 8.01 | 165.8 | 41.86 |
| Maryland | 265.8 | 13,113 | 1.29 | 9.87 | 151.1 | 39.62 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Total of U.S. Electric Utility Plants | | | | | | |
| 1995 | | | | | | |
| Montana | 1,273.3 | 9,400 | 0.38 | 4.43 | 140.1 | 26.34 |
| Ohio | 225.7 | 12,444 | 3.78 | 10.17 | 95.2 | 23.68 |
| Pennsylvania | 2,051.9 | 13,140 | 1.78 | 7.51 | 137.1 | 36.04 |
| Tennessee | 120.2 | 12,565 | 1.12 | 8.66 | 229.2 | 57.59 |
| Texas | 40.0 | 10,540 | 1.03 | 21.69 | 120.2 | 25.33 |
| Virginia | 172.6 | 13,245 | .93 | 8.77 | 162.0 | 42.92 |
| West Virginia | 8,366.4 | 12,623 | .81 | 10.13 | 162.4 | 40.99 |
| Wyoming | 11,861.9 | 8,453 | .35 | 5.32 | 134.3 | 22.71 |
| Canada | 23.8 | 10,066 | .47 | 13.14 | 166.0 | 33.42 |
| Colombia | 2,040.1 | 11,985 | .65 | 6.83 | 153.9 | 36.89 |
| Indonesia | 428.6 | 10,181 | .35 | 1.79 | 149.2 | 30.37 |
| Venezuela | 1,905.7 | 12,610 | .79 | 6.57 | 194.1 | 48.95 |
| Total | 45,625.9 | 11,239 | .90 | 7.46 | 157.8 | 35.48 |
| 1996 | | | | | | |
| Colorado | 2,481.0 | 10,807 | .41 | 6.64 | 143.1 | 30.94 |
| Illinois | 5,346.5 | 11,951 | 2.04 | 7.42 | 171.3 | 40.95 |
| Indiana | 18.1 | 11,256 | 1.58 | 7.15 | 97.7 | 21.99 |
| Kentucky | 10,037.7 | 12,543 | 1.34 | 8.53 | 162.6 | 40.80 |
| Maryland | 277.2 | 13,143 | 1.37 | 9.31 | 150.2 | 39.49 |
| Montana | 2,167.2 | 9,394 | .40 | 4.48 | 141.1 | 26.51 |
| Ohio | 2.3 | 11,043 | 2.57 | 10.80 | 72.6 | 16.03 |
| Pennsylvania | 1,940.2 | 13,163 | 1.75 | 7.34 | 142.7 | 37.56 |
| Virginia | 17.9 | 14,102 | .74 | 5.76 | 201.2 | 56.74 |
| West Virginia | 10,499.4 | 12,578 | 1.07 | 10.23 | 153.6 | 38.63 |
| Wyoming | 12,299.2 | 8,456 | .37 | 5.55 | 130.7 | 22.11 |
| Canada | 18.0 | 9,861 | .44 | 12.97 | 174.6 | 34.44 |
| Colombia | 2,079.9 | 11,883 | .64 | 7.04 | 155.7 | 37.01 |
| Indonesia | 833.7 | 9,741 | .31 | 1.68 | 150.2 | 29.26 |
| Venezuela | 1,767.6 | 12,686 | .77 | 6.14 | 171.7 | 43.58 |
| Total | 49,786.0 | 11,211 | .98 | 7.46 | 152.7 | 34.24 |
| 1997 | | | | | | |
| Alabama | 362.4 | 11,887 | 2.03 | 13.36 | 177.4 | 42.18 |
| Colorado | 1,531.4 | 10,289 | .38 | 6.11 | 135.8 | 27.95 |
| Illinois | 4,586.4 | 11,966 | 1.99 | 8.03 | 172.4 | 41.26 |
| Indiana | 10.0 | 11,077 | 1.51 | 8.06 | 135.2 | 29.96 |
| Kentucky | 8,984.0 | 12,435 | 1.52 | 9.00 | 162.8 | 40.48 |
| Maryland | 160.8 | 13,158 | 1.46 | 9.17 | 147.8 | 38.89 |
| Montana | 3,221.3 | 9,323 | .39 | 4.56 | 145.5 | 27.13 |
| Ohio | 201.5 | 11,728 | 3.06 | 12.49 | 92.6 | 21.73 |
| Pennsylvania | 2,507.1 | 12,966 | 1.70 | 8.40 | 139.6 | 36.21 |
| Virginia | 201.4 | 13,250 | .88 | 8.73 | 160.1 | 42.43 |
| Washington | 1.5 | 10,616 | .70 | 17.57 | 154.0 | 32.71 |
| West Virginia | 10,051.5 | 12,602 | .91 | 10.55 | 156.8 | 39.53 |
| Wyoming | 12,440.9 | 8,464 | .41 | 5.54 | 128.6 | 21.76 |
| Canada | 9.6 | 10,144 | .43 | 12.25 | 171.4 | 34.79 |
| Colombia | 2,744.4 | 12,026 | .70 | 6.71 | 158.8 | 38.18 |
| Indonesia | 782.0 | 9,754 | .36 | 1.60 | 164.6 | 32.10 |
| Venezuela | 1,335.1 | 12,722 | .83 | 6.40 | 158.7 | 40.38 |
| Total | 49,131.3 | 11,116 | .98 | 7.67 | 152.1 | 33.81 |
| 1998 | | | | | | |
| January - March | | | | | | |
| Alabama | 36.4 | 11,686 | 1.87 | 14.34 | 182.6 | 42.69 |
| Colorado | 376.4 | 10,469 | .35 | 5.80 | 140.8 | 29.49 |
| Illinois | 1,296.6 | 11,976 | 2.06 | 7.89 | 169.4 | 40.59 |
| Indiana | 30.4 | 10,864 | 3.03 | 10.20 | 125.2 | 27.20 |
| Kentucky | 2,525.3 | 12,401 | 1.42 | 8.57 | 159.5 | 39.55 |
| Maryland | 7.1 | 13,367 | 1.56 | 9.00 | 146.1 | 39.06 |
| Montana | 801.7 | 9,421 | .39 | 4.65 | 149.0 | 28.07 |
| Ohio | 63.0 | 11,992 | 3.02 | 11.70 | 98.5 | 23.62 |
| Pennsylvania | 652.7 | 13,108 | 1.71 | 7.51 | 137.6 | 36.06 |
| Virginia | 27.8 | 13,259 | .81 | 7.87 | 171.9 | 45.58 |
| Washington | .8 | 10,800 | .73 | 72.92 | 165.2 | 35.67 |
| West Virginia | 2,444.2 | 12,627 | .97 | 10.15 | 152.2 | 38.44 |
| Wyoming | 3,281.6 | 8,471 | .40 | 5.55 | 125.3 | 21.22 |
| Colombia | 680.8 | 12,049 | .63 | 6.61 | 160.8 | 38.74 |
| Indonesia | 73.8 | 9,507 | .38 | 1.10 | 163.3 | 31.05 |
| Venezuela | 611.0 | 13,112 | .66 | 6.29 | 158.6 | 41.59 |
| Total | 12,909.8 | 11,190 | .99 | 7.44 | 149.8 | 33.52 |

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

| Time Period and State or Country of Origin | Quantity (thousand short tons) | Average Quality ¹ | | | Average Cost Delivered | |
|--|--------------------------------|------------------------------|--------------------------|-----------------------|------------------------|-----------------------|
| | | Btu per Pound | Sulfur Percent by Weight | Ash Percent by Weight | Cents per Million Btu | Dollars per Short Ton |
| Total of U.S. Electric Utility Plants | | | | | | |
| 1998 | | | | | | |
| April - June | | | | | | |
| Alabama | 72.6 | 13,066 | 0.73 | 8.30 | 152.5 | 39.84 |
| Colorado | 248.2 | 10,472 | .36 | 5.50 | 139.8 | 29.28 |
| Illinois | 1,499.6 | 12,048 | 1.94 | 7.72 | 153.7 | 37.04 |
| Indiana | 1.8 | 11,343 | 2.20 | 8.20 | 97.7 | 22.16 |
| Kentucky | 2,520.3 | 12,482 | 1.43 | 8.45 | 156.6 | 39.10 |
| Maryland | 49.5 | 13,028 | 1.46 | 8.56 | 146.3 | 38.13 |
| Montana | 804.3 | 9,395 | .37 | 4.37 | 145.8 | 27.39 |
| Ohio | 82.0 | 12,366 | 3.51 | 10.23 | 88.4 | 21.86 |
| Pennsylvania | 443.7 | 13,110 | 1.73 | 7.20 | 136.5 | 35.79 |
| Virginia | 37.4 | 13,700 | .84 | 5.84 | 177.9 | 48.75 |
| Washington | .1 | 10,800 | .73 | 14.00 | 168.0 | 36.29 |
| West Virginia | 2,273.0 | 12,544 | .81 | 10.68 | 152.5 | 38.26 |
| Wyoming | 3,390.9 | 8,471 | .38 | 5.55 | 123.1 | 20.86 |
| Colombia | 523.1 | 11,996 | .61 | 6.18 | 153.2 | 36.75 |
| Indonesia | 223.5 | 9,623 | .21 | 1.13 | 157.9 | 30.38 |
| Venezuela | 459.7 | 12,849 | .83 | 6.75 | 154.2 | 39.63 |
| Total | 12,629.7 | 11,101 | .95 | 7.34 | 146.1 | 32.43 |
| Year to Date | | | | | | |
| Alabama | 109.0 | 12,605 | 1.11 | 10.32 | 161.8 | 40.79 |
| Colorado | 624.6 | 10,470 | .36 | 5.68 | 140.4 | 29.40 |
| Illinois | 2,796.2 | 12,015 | 2.00 | 7.80 | 161.0 | 38.68 |
| Indiana | 32.2 | 10,891 | 2.98 | 10.09 | 123.6 | 26.92 |
| Kentucky | 5,045.6 | 12,441 | 1.43 | 8.51 | 158.0 | 39.32 |
| Maryland | 56.7 | 13,070 | 1.47 | 8.61 | 146.3 | 38.25 |
| Montana | 1,606.0 | 9,408 | .38 | 4.51 | 147.4 | 27.73 |
| Ohio | 145.0 | 12,203 | 3.29 | 10.87 | 92.7 | 22.62 |
| Pennsylvania | 1,096.4 | 13,109 | 1.72 | 7.38 | 137.1 | 35.95 |
| Virginia | 65.2 | 13,512 | .82 | 6.71 | 175.4 | 47.40 |
| Washington | .9 | 10,800 | .73 | 66.06 | 165.5 | 35.74 |
| West Virginia | 4,717.2 | 12,587 | .90 | 10.40 | 152.3 | 38.35 |
| Wyoming | 6,672.5 | 8,471 | .39 | 5.55 | 124.2 | 21.04 |
| Colombia | 1,203.9 | 12,026 | .62 | 6.42 | 157.5 | 37.88 |
| Indonesia | 297.3 | 9,594 | .25 | 1.12 | 159.2 | 30.55 |
| Venezuela | 1,070.7 | 12,999 | .74 | 6.49 | 156.8 | 40.75 |
| Total | 25,539.5 | 11,146 | .97 | 7.39 | 148.0 | 32.98 |

¹ Data reported on quality of coal as received.

² Average cost data on coal delivered to Tampa Electric, Big Bend plant from the New Orleans transfer facility do not include the transportation cost of approximately \$5 per short ton from New Orleans to Tampa.

Notes: Total may not equal sum of components because of independent rounding. Only plants that have received imported coal since January 1, 1990, are included.

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