Quarterly Coal Report

July-September 1995

DOE/EIA-0121(95/3Q)

RECEIVED

FEB 29 1996

OSTI

February 1996

Energy Information Administration

EIA Announces World Wide Web Site
<http://www.eia.doe.gov>

This publication and other Energy Information Administration (EIA) publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office.

Telephone orders may be directed to any of the following:

Superintendent of Documents
U.S. Government Printing Office
Main Order Desk
(202) 512-1800
FAX: (202) 512-2250
8 a.m. to 4:30 p.m., eastern time, M-F

All mail orders should be directed to:

U.S. Government Printing Office
P.O. Box 371954
Pittsburgh, PA 15250-7954

Complimentary subscriptions and single issues are available to certain groups of subscribers, such as public and academic libraries, Federal, State, local and foreign governments, EIA survey respondents, and the media. For further information and for answers to questions on energy statistics, please contact EIA's National Energy Information Center. Address, telephone numbers, and hours are as follows:

National Energy Information
Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202)586-8800
TTY: For people who are deaf or
hard of hearing: (202)586-1181
9 a.m. to 5 p.m., eastern time, M-F

INTERNET ADDRESSES:
E-mail: infoctr@eia.doe.gov
World Wide Web Site: <http://www.eia.doe.gov>
Gopher Site: <gopher://gopher.eia.doe.gov>
FTP Site: <ftp://ftp.eia.doe.gov>

Cover Photo: *Coal found growing markets as fuel for steam-generated electricity in the 1980's. Today, the coal industry has become the Nation's largest energy-producing industry, representing nearly one-third of U.S. energy production. Coal accounts for almost one-fourth of the energy consumed in the United States and is the only U.S. energy source for which exports are greater than imports. U.S. coal production for 1994 totaled 1 billion short tons.*

We thank the following for the use of their photographs in this report:

Pittsburg & Midway Coal Company; Sun Company, Inc.; Port of Baltimore; Port of Los Angeles; American Iron and Steel Institute; National Mining Association; CSX; and Norfolk & Western Railway Company.

The *Quarterly Coal Report* (ISSN 0736-4598) is published quarterly by the Energy Information Administration, 1000 Independence Avenue, SW, Washington, DC 20585, and sells for \$26.00 per year (price subject to change without advance notice). Second-class postage paid at Washington DC 20066-9998, and additional mailing offices. POSTMASTER: Send address changes to *Quarterly Coal Report*, Energy Information Administration, EI-231, 1000 Independence Avenue, SW, Washington, DC 20585.

Released for Printing: February 16, 1996

Printed with soy ink on recycled paper

Quarterly Coal Report July-September 1995

February 1996

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

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED *at*

MASTER

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

Contacts

This publication was prepared by Paulette Young under the direction of Noel C. Balthasar, Chief, Coal Data Branch, Coal and Electric Data and Renewables Division, Office of Coal, Nuclear, Electric and Alternate Fuels. Specific information about the *Industry Developments* section can be obtained from Stephen Scott (202/426-1149), e-mail <SSCOTT@EIA.DOE.GOV>. Questions addressing the Appendix A, *U.S. Coal Imports* section,

should be directed to Paulette Young (202/426-1150), e-mail <PYOUNG@EIA.DOE.GOV>. Inquiries concerning Appendix C, Table C2 "Approximate Heat Content of Coal," should be directed to Willie Hong at (202) 426-1126, e-mail <BHONG@EIA.DOE.GOV>. All other questions on coal statistics should be directed to the National Energy Information Center (NEIC) at (202) 586-8800, e-mail <INFOCTR@EIA.DOE.GOV>.

To EIA's Customers:

To ensure that this report meets the highest standards for quality and customer satisfaction, we encourage our readers to contact Paulette Young on (202) 426-1150 (Internet: pyoung@eia.doe.gov) with comments or suggestions to further improve this report.

For inquiries about energy data, please contact the National Energy Information Center on (202) 586-8800 (Internet: 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 July through September 1995 and aggregated quarterly historical data for 1987 through the second quarter of 1995. Appendix A displays, from 1987 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). Appendix B gives selected quarterly tables converted to metric tons.

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 1994 DOE/EIA-0384(94); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(94) .

The historical data in this report are collected by the EIA in three quarterly coal surveys (coal consumption

at manufacturing plants, coal distribution, 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 shown for 1994 and previous years are final. Data for 1995 are preliminary.

A description of the revision policy for the data in this report can be found in Appendix C, *Explanatory Notes*, Section 12, Revisions. Table C1 presents the mean absolute value of change for 1993 and 1994 for selected data presented in this report.

Federal and State legislation are addressed in the *Industry Developments* section of this report.

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

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 July through September 1995 and aggregated quarterly historical data for 1987 through the second quarter of 1995. Appendix A displays, from 1987 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). Appendix B gives selected quarterly tables converted to metric tons.

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 1994 DOE/EIA-0384(94); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(94) .

The historical data in this report are collected by the EIA in three quarterly coal surveys (coal consumption

at manufacturing plants, coal distribution, 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 shown for 1994 and previous years are final. Data for 1995 are preliminary.

A description of the revision policy for the data in this report can be found in Appendix C, *Explanatory Notes*, Section 12, Revisions. Table C1 presents the mean absolute value of change for 1993 and 1994 for selected data presented in this report.

Federal and State legislation are addressed in the *Industry Developments* section of this report.

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
Summary	1
Industry Developments	7
Production	11
Distribution	15
Exports and Imports	35
Receipts	49
Consumption	75
Stocks	85
Appendices	
A. U.S. Coal Imports	97
B. Metric Tables	131
C. Explanatory Notes	147
Glossary	159

Illustrations

	Page
1. Quarterly U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995	3
2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1987-1995	5
3. U.S. Quarterly Coal Production, 1987-1995	12
4. Quarterly Domestic Coal Distribution by End-Use Sector, 1987-1995	16
5. Domestic Distribution of U.S. Coal by Leading State Destination, January-September 1995	21
6. Quarterly Domestic Coal Distribution by Method of Transportation, 1987-1995	26
7. Quarterly U.S. Coal Exports and Imports, 1987-1995	37
8. Quarterly U.S. Coal Receipts, 1987-1995	50
9. Quarterly Average Price of U.S. Coal Receipts, 1987-1995	52
10. Quarterly U.S. Coal Consumption, 1987-1995	76
11. Quarterly U.S. Coal Stocks, 1987-1995	86

Tables

	Page
1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995	4
2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1987-1995	6
3. U.S. Coal Production, 1987-1995	12
4. Coal Production by State	13
5. Coke and Breeze Production at Coke Plants	14
6. Distribution of U.S. Coal by Origin State	17
7. Domestic Distribution of U.S. Coal to End-Use Sectors by Origin State	18
8. Foreign Distribution of U.S. Coal by Origin State, January-September 1995	20
9. Distribution of U.S. Coal by Destination	22
10. Domestic Distribution of U.S. Coal to End-Use Sectors by Destination State	23
11. Domestic Distribution of U.S. Coal by Method of Transportation and Origin State	27
12. Domestic Distribution of U.S. Coal by Method of Transportation and Destination State	30
13. Coke and Breeze Distributed by Coke Plants	33
14. U.S. Coal Exports and Imports, 1987-1995	36
15. Average Price of U.S. Coal Exports and Imports, 1987-1995	36
16. U.S. Coal Exports	38
17. Average Price of U.S. Coal Exports	39
18. U.S. Steam Coal Exports	40
19. Average Price of U.S. Steam Coal Exports	41
20. U.S. Metallurgical Coal Exports	42
21. Average Price of U.S. Metallurgical Coal Exports	43
22. Coal Exports by Customs District	44
23. U.S. Coke Exports	45
24. U.S. Coal Imports	45
25. Average Price of U.S. Coal Imports	46
26. Coal Imports by Customs District	47
27. U.S. Coke Imports	48
28. U.S. Coal Receipts by End-Use Sector, 1987-1995	51
29. Average Price of Coal Receipts by End-Use Sector, 1987-1995	53
30. Coal Receipts by Census Division and State	54
31. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State	55
32. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State	56
33. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State ..	57
34. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State	58
35. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-September 1995	59
36. Destination of Coal Received at Electric Utility Plants by Origin, January-September 1995, 1994 ..	60
37. Origin of Coal Received at Electric Utility Plants by Destination, January-September 1995, 1994 ..	64
38. Coal Receipts at Coke Plants	68
39. Average Price of Coal Receipts at Coke Plants	68
40. Coal Receipts at Other Industrial Plants by Census Division and State	69
41. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State	70
42. U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code	71
43. Average Price of U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code	72
44. Coal Receipts by the Residential and Commercial Sector by Census Division and State	73
45. U.S. Coal Consumption by End-Use Sector, 1987-1995	77
46. Coal Consumption by Census Division and State	78
47. Coal Consumption at Electric Utility Plants by Census Division and State	79
48. Coal Carbonized at Coke Plants by Census Division and State	80
49. Coal Consumption at Other Industrial Plants by Census Division and State	81
50. U.S. Coal Consumption at Manufacturing Plants by Standard Industrial Classification (SIC) Code ..	82
51. Coal Consumption by Residential and Commercial Sector by Census Division and State	83
52. U.S. Coal Stocks, 1987-1995	87
53. Consumer Coal Stocks by Census Division and State, September 30, 1995	88

54.	Coal Stocks at Electric Utility Plants by Census Division and State	89
55.	Coal Stocks at Coke Plants by Census Division and State	90
56.	Coal Stocks at Other Industrial Plants by Census Division and State	91
57.	U.S. Coal Stocks at Manufacturing Plants by Standard Industrial Classification (SIC) Code	92
58.	Coke and Breeze Stocks at Coke Plants	92
59.	Coal Stocks at Coal Producers and Distributors by Coal-Producing State	93
A1.	Quantity and Average Price of U.S. Coal Imports, 1987-1995	97
A2.	Quantity and Average Price of U.S. Coal Imports by Origin, 1987-1995	98
A3.	U.S. Coal Imports by Origin and by Customs District	99
A4.	Average Price of U.S. Coal Imports by Origin and by Customs District	100
A5.	Imported Coal Received at Electric Utility Plants by Origin	101
A6.	Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1990-1995	102
A7.	Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1990-1995 .	109
B1.	U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995	132
B2.	U.S. Coal Consumption by End-Use Sector, 1987-1995	133
B3.	U.S. Coal Stocks, 1987-1995	134
B4.	U.S. Coal Exports and Imports, 1987-1995	135
B5.	U.S. Coal Exports	136
B6.	Average Price of U.S. Coal Exports	137
B7.	U.S. Steam Coal Exports	138
B8.	Average Price of U.S. Steam Coal Exports	139
B9.	U.S. Metallurgical Coal Exports	140
B10.	Average Price of U.S. Metallurgical Coal Exports	141
B11.	U.S. Coal Imports	142
B12.	Average Price of U.S. Coal Imports	143
C1.	Accuracy of Preliminary Quarterly Values, Compared With Final Quarterly Values at the U.S. Level, 1993 and 1994	156
C2.	Approximate Heat Content of Coal	157

Summary

Highlights

Coal highlights for the third quarter of 1995 were:

- Metallurgical coal exports rose 15 percent in 1995 compared with the same period in 1994. For the first three quarters of 1995, overall coal exports rose 23 percent with steam and metallurgical coal exports up 49 percent and 10 percent, respectively, above their corresponding 1994 levels. Producer and distributor coal stocks were also up 10 percent in both the third quarter and first three quarters of 1995.
- Delivered coal prices during the third quarter of 1995 at electric utility plants dropped 2.4 percent from the second quarter 1995 prices, and were down 3 percent in the first three quarters of 1995 versus 1994. The average price of coal receipts in third quarter 1995 for both manufacturing plants and coke plants was down 1 percent from the previous quarter in each end-use sector.
- Production in the third quarter of 1995 totaled 256 million short tons, bringing year-to-date 1995 production to 770 million short tons, which was unchanged in comparison with the same period a year ago.
- Electric utility coal consumption in the third quarter of 1995 was 231 million short tons or 6 percent above the same quarter a year earlier. This brought the year-to date 1995 total to 622 million tons, about the same as in the previous year.
- Electric utility coal stocks at the end of September 30, 1995, were up 10 percent from their level a year ago.

U.S. coal production in the third quarter of 1995 was 256 million short tons, up 3 percent from the previous quarter. This brought the total for the first three quarters of 1995 to 770 million short tons, about the same as in the comparable period in 1994 (Table 1). In regional comparisons, low-sulfur Western coal production increased 6 percent in the first three quarters of 1995, while Interior and Appalachian production dropped 10 percent and 3 percent, respectively, from the comparable period in 1994. Wyoming production reached 198 million short tons in the January through September 1995 period, 13 percent higher than the comparable period a year earlier. West Virginia production was up 2 percent, despite a 12-percent decrease in the coal production in the northern region of the State (Table 4).

Distribution of U.S. coal in the third quarter of 1995 was 263 million short tons, a 1-million-short-ton increase above the third quarter 1994 level. In the first nine months of 1995, U.S. coal distribution totaled 769 million short tons versus 763 million short tons for the comparable 9-month 1994 level. Coal distribution to domestic markets in the first nine months of 1995 was 14 percent less than in the first nine months of 1994 (Table 7). Distribution to foreign markets totaled 67 million short tons in the first three quarters of 1995 (Table 8).

U.S. coal exports in the third quarter of 1995 reached 22 million short tons, up 13 percent from the third quarter of 1994. Year-to-date 1995 coal exports totaled 64 million short tons, up 23 percent from the comparable 9-month 1994 period (Table 16). When comparing the first nine months of 1995 versus 1994, exports of steam coal rose 49 percent to 26 million short tons, and metallurgical coal exports increased 10 percent to 39 million short tons (Tables 18 and 20).

In the third quarter of 1995, the average price of U.S. coal exports was \$40.99 per short ton. This was 4 percent above the average price of \$39.59 for the second quarter in 1995 (Table 17). The average price of steam coal exports was \$34.26 per short ton, compared to \$34.02 for the previous quarter (Table 19). Third quarter 1995 metallurgical coal exports prices averaged \$45.15 per short ton, 3 percent above the second quarter (Table 21).

U.S. coal imports in the third quarter of 1995 totaled 1.7 million short tons, 25 percent below the same quarter a year earlier. Coal imports for the first nine months of 1995 amounted to 5.1 million short tons, declining 11 percent from the comparable 9-month 1994 level. Much of this decrease can be attributed to a 948-thousand-short-ton drop in Colombian coal shipments to the U.S. during the same period.

Coal imports for January through September 1995 were valued at \$174 million, based on an average price of \$33.96 per short ton (Table 25).

The total amount of coal received by domestic consumers during the third quarter of 1995 totaled 238 million short tons. Year-to-date 1995 receipts were 696 million short tons, down 1 percent from total receipts of 705 million short tons for the same period in 1994 (Table 30). Higher levels of nuclear power, gas-fired, and hydroelectric generation by power producers reduced demand for coal. Leading the year-to-date decline were electric utility receipts (down 6 million short tons), other industrial receipts (down 3 million short tons), and residential/commercial

receipts (down 608 thousand short tons). Coke plants receipts rose 4 percent.

The average price of coal received by U.S. electric utilities during the third quarter of 1995 was \$26.80, 2 percent below the average price of \$27.45 reported for the second quarter of 1995 (Table 34). The average price of coal received by coke plants during the third quarter of 1995 was \$47.02, 1 percent below the second quarter of 1995 average price of \$47.57, while the average price for the third quarter 1995 coal receipts at manufacturing plants was \$32.35 compared with \$32.47 for the previous quarter. The price decreases were due in part to the high availability of coal and the increased use of low-cost Western coal by the largest consuming sector, power producers.

Coal consumption for the third quarter of 1995 reached 264 million short tons, of which 232 million short tons was consumed by the electric utility sector. Year-to-date 1995 coal consumption amounted to 709 million short tons, about the same level as in 1994. Electric utilities consumed 622 million short tons, about 88 percent of the year-to-date 1995 total. Coal consumption at coke plants and other industrial plants was up 1.1 million short tons and 2.8 million short tons, respectively, in the first three quarters of 1995 versus 1994 (Table 45).

Regionally, compared with 1994, year-to-date electric utility coal consumption in the East North Central Division was 141 million short tons, up 2 percent, as utilities in Illinois, Indiana, and Wisconsin increased coal-fired generation. In the East South Central Division, year-to-date utility coal consumption rose 5 percent to 69 million short tons. Most of the increases were offset by declines in several regions, including the Mountain Division (down 7 percent) and West South Central Division (down 3 percent) (Table 47).

U.S. coal stocks were down in all reporting sectors at the end of September 1995 in comparison with stock levels at the end of the previous quarter. Consumer stocks declined 20 million short tons, while producer and distributor stocks closed 6-million-short-tons lower than a quarter ago. Coal stocks at electric utility plants were down 20 million short tons, and coke plants reported a 158-thousand-short-ton drop in their stockpiles compared with the previous quarter (Table 52).

Sources: Energy Information Administration, *Electric Power Monthly*, December 1995, DOE/EIA-0226(95/12); *Monthly Energy Review*, December 1995, DOE/EIA-0035(95/12).

Figure 1. Quarterly U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995

Note: Each increment represents end-of-quarter data.
 Sources: Production: Energy Information Administration (EIA), Form EIA-8, "Coal Distribution Report" and Form EIA-7A, "Coal Production;" U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports; Imports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145;" Producer and Distributor Stocks: EIA, Form EIA-8, "Coal Distribution Report;" Exports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545;" Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report," Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" and Form EIA-6, "Coal Distribution Report."

Table 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks ¹	Consumption	Exports	Consumer Stocks ¹	Losses and Unaccounted For ²
1987 January - March	222,199	331	36,560	199,523	16,576	173,173	4,017
April - June	218,823	483	33,939	199,627	20,113	176,037	-677
July - September	232,958	475	28,775	229,397	21,033	165,598	-1,395
October - December	244,782	459	28,321	208,394	21,885	185,459	-4,445
Total	918,762	1,747		836,941	79,607		-2,499
1988 January - March	236,889	542	36,764	220,787	16,061	175,279	2,320
April - June	226,645	587	36,079	205,735	24,900	173,308	-746
July - September	241,622	437	31,360	238,672	27,691	154,331	-607
October - December	245,109	567	30,418	218,448	26,371	158,413	-2,283
Total	950,265	2,134		883,642	95,023		-1,316
1989 January - March	247,179	531	35,508	223,486	21,429	149,238	6,882
April - June	239,022	687	30,598	208,025	28,445	159,013	-1,628
July - September	243,060	925	28,848	232,026	23,991	147,165	1,566
October - December	251,468	708	29,000	226,163	26,949	146,087	-9
Total	980,729	2,851		889,699	100,815		6,811
1990 January - March	264,184	735	35,099	217,014	22,383	160,782	4,727
April - June	254,279	674	36,895	211,666	27,733	173,061	1,479
July - September	254,760	514	33,659	240,821	29,497	161,639	-387
October - December	255,853	776	33,418	225,978	26,191	168,210	-1,870
Total	1,029,076	2,699		895,480	105,804		3,949
1991 January - March	254,746	938	42,162	219,208	22,318	171,485	2,140
April - June	237,006	730	41,054	208,757	26,214	173,663	1,696
July - September	251,438	984	33,628	236,093	31,197	163,860	2,360
October - December	252,794	738	32,971	223,562	29,239	167,711	-2,464
Total	995,984	3,390		887,621	108,969		3,731
1992 January - March	255,956	679	39,853	220,594	24,731	168,632	3,507
April - June	242,735	1,043	40,513	210,037	27,010	173,270	1,434
July - September	249,055	882	35,198	237,698	26,481	161,878	2,464
October - December	249,799	1,199	33,993	224,093	24,294	163,692	2,002
Total	997,545	3,803		892,421	102,516		9,407
1993 January - March	243,417	1,213	38,453	229,165	18,870	152,619	3,208
April - June	233,750	1,093	34,827	214,820	19,946	154,842	1,479
July - September	227,131	2,142	27,183	249,872	18,522	121,909	1,457
October - December	241,127	2,861	25,284	232,087	17,181	120,458	-1,930
Total	945,424	7,309		925,944	74,519		4,213
1994 January - March	255,153	1,850	34,139	237,596	14,877	112,278	3,854
April - June	256,964	1,577	35,758	223,145	17,940	126,694	1,421
July - September	260,853	2,304	32,955	245,820	19,704	121,225	5,904
October - December	260,535	1,853	33,219	223,640	18,838	136,139	4,732
Total	1,033,504	7,584		930,201	71,359		15,912
1995 January - March	265,262	1,795	42,340	227,804	18,988	143,456	3,828
April - June	248,496	1,609	42,097	217,339	23,184	151,833	1,449
July - September	256,364	1,725	36,191	263,984	22,175	131,637	-1,969
Total	770,122	5,130		709,127	64,346		3,308

¹ Reported as of the last day of the quarter.

² Losses and Unaccounted For equals production plus imports minus the change in producer and distributor stocks minus consumption minus exports minus the change in consumer stocks.

Notes: Consumption data for 1995 exclude an EIA estimated 4 million short tons per quarter which are consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. In 1989, 1990, 1991, 1992, 1993, and 1994 these excluded quarterly estimated consumption data were: 219, 400, 1500, 2500, 3086, and 3785 thousand short tons, respectively. Total may not equal sum of components because of independent rounding. See Technical Note 1 for differences between production and distribution.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6, "Coal Distribution 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" • 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"; and Form EIA-6, "Coal Distribution Report."

Figure 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1987-1995

Note: Each increment represents end-of-quarter data.
 Sources: Production, Consumption, and Producer and Distributor Stocks: Energy Information Administration (EIA), Form EIA-6, "Coke Plant Report - Quarterly;" Exports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545;" Imports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1987-1995
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks ¹	Consumption ²	Exports
1987 January - March	5,719	80	1,853	5,863	149
April - June	6,661	209	1,546	7,063	113
July - September	6,886	342	1,436	7,187	151
October - December	7,038	291	1,064	7,540	161
Total	26,304	922		27,654	574
1988 January - March	7,103	606	956	7,643	174
April - June	7,288	630	1,140	7,400	335
July - September	7,274	746	1,271	7,672	216
October - December	7,279	706	1,583	7,305	368
Total	28,945	2,688		30,021	1,093
1989 January - March	7,063	687	1,167	7,992	173
April - June	7,134	929	1,264	7,708	259
July - September	6,870	546	1,763	6,684	234
October - December	6,978	149	1,919	6,551	420
Total	28,045	2,311		28,935	1,085
1990 January - March	7,086	167	1,965	7,085	132
April - June	6,961	148	1,929	7,001	144
July - September	6,701	278	1,840	6,929	140
October - December	6,859	171	1,918	6,795	157
Total	27,617	765		27,811	572
1991 January - March	5,967	168	2,093	5,920	40
April - June	5,706	277	2,003	5,800	273
July - September	6,256	432	2,172	6,275	244
October - December	6,117	222	2,107	6,221	183
Total	24,046	1,099		24,216	740
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	5,785	484	832	6,239	135
April - June	5,955	447	1,143	5,969	187
July - September	5,979	382	1,170	6,146	187
Total	17,719	1,313		18,354	510

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".

Industry Developments

DOE to Take Over Some Bureau of Mines Functions.

The combined House-Senate Conference Committee mandated closing the U.S. Department of Interior's Bureau of Mines (BOM) within 90 days from the beginning of December 1995. Final paychecks for the BOM's 1,200 laid-off employees were to be distributed on January 8, 1996. A budget compromise to transfer 500 agency employees to the U.S. Department of Energy (DOE) and the U.S. Geological Survey will be delayed or prevented because the Interior appropriations bill has not been enacted. DOE is to take over the health and safety research efforts on problems that threaten mine workers. Employees affected by BOM's abolishment are scientists, geologists, minerals specialists, engineers, etc. They will have to contend with finding another job at a time when private sector companies are spending less on research and development projects, and other Federal agencies are downsizing.

The origin of BOM dates back to 1910, when several mining disasters prompted its founding. In recent times, the agency has become more involved in scientific research and health and safety issues. The agency became a target of budget-cutters because most of its original functions had been transferred to other Federal agencies over the years.¹

SMCRA Reform Legislation Introduced. H.R. 2372, a bill titled, "Surface Mining Control and Reclamation Amendments Act of 1995," was introduced in the U.S. Congress on September 21, 1995, by Representative Barbara Cubin (R-Wyoming). The bill is intended to streamline and improve the Surface Mining Control & Reclamation Act (SMCRA) of 1977.

The proposed legislation is also designed to return SMCRA's enforcement authority to the States. It would clarify the original intent of Congress to have States exclusively responsible for issuing permits and State law enforcement with respect to surface coal and reclamation operations. The Office of Surface Mining (OSM) authority to issue Notices of Violation would be eliminated unless it follows the procedures for substituting Federal enforcement authority for State authority. The law would also: (1) clarify that each State's approved surface mining program is the law in that State; (2) simplify the appeals process by

eliminating one level of review; (3) establish a 3-year statute of limitations for alleged violations; and, (4) allow direct judicial review, rather than administrative review, of any decision by OSM to take Federal enforcement action in a State. The bill was introduced with 11 sponsors and was referred to the House Committee on Resources on September 21, 1995.²

BG&E and PEPCO Merge. Baltimore Gas & Electric Company (BG&E) and Potomac Electric Company (PEPCO) announced a merger agreement on September 25, 1995, that would make the combined company one of the largest electric utilities in the country. With an annual consumption of over 10 million short tons of coal per year,³ 62 percent of the new generation will come from coal. The merger is expected to allow the new company to cut costs and prepare for competition when regulations on electric utilities are eased.⁴

Innovation In Fuels. Every year about 250 million tires are tossed onto scrap heaps. The tires are hard to dispose of and can be both fire and health hazards, as well as an eyesore. Some are used in road paving, others in park benches. However, a more significant use has been found and they are now being burned as fuel. Industrial plants led the way, and now electric utilities are beginning to use scrap tires as a supplemental fuel in coal-fired boilers.

In 1994, 138 million scrap tires were reused with 27 million of that amount burned as fuels by power producers. The Scrap Tires Management Council estimates that this number will increase to 52 million tires in 1996. For example, if only 3 percent of the fuel feeding a 365 megawatt plant is derived from tires, 6 million to 7 million tires would be burned in a year. Each tire contains about 300,000 Btu of heat energy, roughly the same as 25 pounds of bituminous coal.

Of course, only some boilers can burn tires as fuel. Cyclone-fired boilers and stoker units are the best examples. Cyclone boilers need tire chips of approximately 1 square inch for complete burning. Stoker boilers have a longer combustion period and can use tire chips up to 2 square inches. The use of scrap tires has kept some of these older coal-fired plants competitive.

¹ "Bureau Of Mines Feeling Shafted," *Washington Post* (December 4, 1995), pp. A1, A12.

² "Congress To Consider Legislation Revamping Primacy," *The Coal Journal* (November 1995), p.8. "Proponents Of Surface Mining Act Reform Testify Before House Subcommittee," *Mining Week* (November 20, 1995), p.1.

³ Table 65, "Annual Net Generation, Fuel Consumption, and Fuel Stocks By Company and Plant, 1994," *Electric Power Monthly*, Energy Information Administration, (April 1995).

⁴ "PEPCO To Merge With Baltimore Gas & Electric," *Washington Post* (September 26, 1995), pp. A1, A10; "BGE/PEPCO Merger Will Alter NO_x Plans," *Clean Air Compliance Review*, (October 9, 1995), p.1.

Most of the more common types of utility boilers, the pulverized-coal units, require adaptation before they can successfully burn tires. Most pulverized-coal units don't allow enough time for the tires to burn completely. However, Ohio Edison burned whole tires in one such unit for 18 months; the unit's wet bottom design and high operating temperature allowed for complete combustion. In a 4-day test at that facility, the utility burned a fuel mix that contained up to 20 percent tires and found a 36-percent reduction in NO_x emissions, a 28-percent reduction in particulates, and a 14-percent reduction in SO₂.

Some efforts have also been made to burn tires in fluidized-bed combustion (FBC) units. Tires have the highest energy content of all the alternative fuels considered for these types of units. So far only a few FBC units have been built with tires in mind. One, built in Wisconsin, is a 20-megawatt unit that burns tire chips and coke.

Utilities are using tires as fuel for economic reasons. Many States subsidize programs that attack the problem of the growing scrap heaps. In other States, high "tipping" charges are collected from anyone disposing of used tires. These programs lower fuel costs. Wisconsin is the leading State in giving tires a second life; roughly 95 percent of its scrap tires are used as fuel. Illinois is also actively encouraging tire-burning capability, and between 30 and 35 other States offer some financial incentive to encourage similar programs.⁵

Rail Merger Involves Track Compromise. Reactions are split to the proposed rail mergers of Burlington Northern/Santa Fe Pacific (BNSF), and Union Pacific/Southern Pacific (UP/SP). Those in favor include railroad officials and many major shippers. The companies involved say that consolidation will improve efficiency, hold down costs, and improve service. In their view, the major improvement in service will come from the elimination of costly junctions between different rail lines. The opposing view, held by the AFL-CIO, the U.S. Department of Justice's Anti-trust Division, and others, is that too much consolidation is bad. The Justice Department sees the proposed mergers as increasing marketplace over-concentration, while the AFL/CIO fears losing jobs.

In an effort to rally support for their decision, Union Pacific and Southern Pacific (UP/SP) railroads and Burlington Northern Santa Fe Corp. (BNSF) have agreed to share nearly 3,800 miles of track. BNSF will also purchase 335 miles of track from UP/SP (see Industry Developments, *Quarterly Coal Report*, April - June 1995). According to UP, the deal guarantees strong rail competition for the Gulf Coast petrochemical belt, U.S.- Mexico border points, the intermountain West, California, and the Pacific Coast.⁶

New Mines Planned. North Pacific Mining Company is planning a new surface mine in the Wishbone Hill area of Alaska. North Pacific, a subsidiary of Cook Inlet Region Inc. (CIRI), expects to have a contractor do the actual mining. CIRI, which is owned and operated by native Alaskans, has experience in hardrock mining but none in coal mining. The mine should not only be profitable, but also provide employment for stockholders of the company. Mining operations won't begin until the contractor is selected and CIRI is in no hurry to do so, even though the environmental and mining permits are already in hand.

The mine's projected output is expected to be 1 million short tons per year, much of which the company hopes to export to the growing Pacific Rim coal market. A new coal-loading facility would be built in Palmer, Alaska, about 40 miles from Anchorage, for this purpose. The mine is expected to have about 14 years of reserves accessible by surface mining. North Pacific's mine would become the second active coal mine in the State, producing almost as much coal per year as Usibelli's mine, located near Healy, Alaska.

Cyprus Amax Coal recently announced plans for a large new longwall mine in Utah. The new Willow Creek mine is expected to become a major player in the Western coal export market, particularly for Asian customers. The output, basically, will be steam coal, but a planned wash plant on the site would allow the coal to compete in the pulverized-coal injection market. Domestic sales are expected to amount to a very small portion of the total output.

The Willow Creek mine plan still needs final approval from the the company's Board of Directors, but considering market interest so far, there should be no problem getting that endorsement. The mine should begin production in late 1997 and in 4 or 5 years reach full production level of 5 million short tons per year. The mine is currently seeking State level permits.⁷

OSM Surface Reclamation Awards. On October 9, 1995, Office of Surface Mining (OSM) Director Robert Uram presented awards to the 1994 Excellence in Surface Mining winners. The highest award, the OSM Director's award, went to McKay Coal Company's Woodall Mine near Ohl, Pennsylvania. Others awarded included Jamieson Construction Company of Atkinstown, Kentucky; Branham and Baker Coal Company of Pike County, Kentucky; Cumberland River Coal Company's Ridgeline Mine of Jackson, Kentucky; Lee Ranch Coal Company of Milan, New Mexico; Falkirk Mining Company of Underwood, North Dakota; Peabody Coal Company's Broken Aro Mine of Coshocton, Ohio; B & N Coal Company of Dexter, Ohio; Rawl Sales & Processing Company of Matewan, West Virginia; and Bridger

⁵ "Tapping The Tire Pile", *EPRI Journal* (September/October, 1995), pp. 29-34.

⁶ "Rail Giants Strike Track Compromise; UP, BN To Swap Access Through The West," *Coal Week* (October 2, 1995), p.2 "Western Rail Giants To Share, Sell Track," *Washington Post* (September 26, 1995), p. F3.

⁷ "Willow Creek Mine Sees Strong Pacific Rim Sales," *Coal Outlook* (October 9, 1995). "New Alaska Mine Eyed; Native Firm Plans 1 Million T/Y Mine," *Coal Week* (October 2, 1995), p. 2.

Coal Company's Jim Bridger Mine of Rock Springs, Wyoming.

The awards are sponsored by the OSM with nominations being first judged by State mining and reclamation agencies. State winners are then judged by a panel of experts from OSM, the U.S. Bureau of Mines, and the U.S. Geological Survey. The theme for the 1994 presentations was the best reclamation that prevented or eliminated acid water mine drainage.⁸

EATX News. Phase I allowances were \$120 per ton in the November Allowance Trading Index survey. This was an \$8-per-ton drop from their September 1995 level and \$10 less per ton than in July 1995. Lack of demand is cited as the cause for the price decline. Phase II allowance demand has also slackened. Year-end allowances for 2000 and 2010 declined to \$170 and \$180 per ton, respectively, reflecting the lessened interest. Buyers and sellers seem to be waiting to see if the allowance market takes a new direction. In general, further price drops could result from an overabundance of allowances.⁹

⁸ "Excellence In Surface Mining Reclamation Awards Given," *The Coal Journal* (November 1995), p.4.

⁹ "November EATX Flat; Light Year-End Buying," *Clean Air Compliance Review* (November 20, 1995), p. 6-7.

Production

After the topsoil and overburden are removed, a loading shovel scoops coal from a seam averaging 55 feet in thickness at the Cordero mine in Wyoming's Powder River Basin.

Figure 3. U.S. Quarterly Coal Production, 1987-1995

Note: Each increment represents end-of-quarter data.
 Sources: Energy Information Administration (EIA), Form EIA-6, "Coal Distribution Report;" and Form EIA-7A, "Coal Production Report;" U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

Table 3. U.S. Coal Production, 1987-1995
 (Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Year to Date
1987	222,199	218,823	232,958	244,782	918,762
1988	236,889	226,645	241,622	245,109	950,265
1989	247,179	239,022	243,060	251,468	980,729
1990	264,184	254,279	254,760	255,853	1,029,076
1991	254,746	237,006	251,438	252,794	995,984
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	265,262	248,496	256,364	NA	770,122

^{NA} Not available.

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

Sources: Energy Information Administration (EIA), Form EIA-6, "Coal Distribution 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	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
Alabama	6,338	6,563	5,520	19,010	17,576	8.2
Alaska	344	408	311	1,126	1,118	.8
Arizona	2,995	3,194	4,009	9,127	9,800	-6.9
Arkansas	3	4	12	11	44	-75.9
Colorado	6,012	6,163	6,366	18,464	19,244	-4.1
Illinois	11,485	11,865	12,173	36,745	40,331	-8.9
Indiana	6,129	6,449	7,929	19,596	23,496	-16.6
Iowa	-	-	*	-	46	-
Kansas	70	70	63	230	209	10.2
Kentucky Total	36,847	36,385	41,582	113,003	121,048	-6.6
Eastern	28,301	28,439	32,258	87,768	92,831	-5.5
Western	8,546	7,946	9,324	25,236	28,217	-10.6
Louisiana	905	946	968	2,622	2,611	.4
Maryland	807	938	963	2,772	2,758	.5
Missouri	75	151	155	371	596	-37.7
Montana	9,826	8,159	10,578	29,094	30,421	-4.4
New Mexico	6,942	6,374	6,744	20,484	20,676	-.9
North Dakota	7,539	6,982	7,994	22,605	23,693	-4.6
Ohio	5,873	5,408	7,755	17,830	22,791	-21.8
Oklahoma	597	511	514	1,570	1,441	8.9
Pennsylvania Total	15,260	15,154	15,229	46,336	46,355	*
Anthracite	1,079	1,020	1,206	3,079	3,345	-7.9
Bituminous	14,181	14,134	14,023	43,257	43,010	.6
Tennessee	635	682	768	1,998	2,251	-11.3
Texas	14,285	12,048	13,419	37,810	40,237	-6.0
Utah	6,282	6,316	5,959	18,625	18,092	2.9
Virginia	8,757	8,587	9,342	26,200	28,201	-7.1
Washington	1,315	1,211	1,036	3,540	3,556	-.4
West Virginia Total	40,314	40,175	41,268	122,569	120,205	2.0
Northern	10,397	10,167	12,817	32,147	36,689	-12.4
Southern	29,917	30,008	28,451	90,422	83,516	8.3
Wyoming	66,730	63,752	60,195	198,382	176,174	12.6
Appalachian Total	106,284	105,947	113,103	324,483	332,967	-2.5
Interior Total	42,094	39,990	44,557	124,191	137,229	-9.5
Western Total	107,986	102,559	103,193	321,448	302,773	6.2
East of the Miss. River	132,444	132,207	142,529	406,059	425,012	-4.5
West of the Miss. River	123,920	116,288	118,325	364,062	347,958	4.6
U.S. Total	256,364	248,496	260,853	770,122	772,970	-.4

* Rounded to zero.

Notes: Total may not equal sum of components because of independent rounding. See Technical Note 1 in Appendix C for differences between production and distribution.

Sources: Energy Information Administration (EIA), Form EIA-6, "Coal Distribution 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)

	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
Coke Total	5,979	5,955	5,680	17,719	16,940	4.6
By State						
Alabama	622	620	616	1,853	1,826	1.5
Illinois	w	w	w	w	w	w
Indiana	1,149	1,125	916	3,374	2,701	24.9
Kentucky	w	w	w	w	w	w
Maryland	w	w	w	w	w	w
Michigan	w	w	w	w	w	w
New York	w	w	w	w	w	w
Ohio	498	522	555	1,548	1,665	-7.0
Pennsylvania	1,959	1,935	1,958	5,811	5,789	.4
Texas	w	w	w	w	w	w
Utah	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
By Plant Type						
Merchant Coke						
Plants	814	812	809	2,361	2,434	-3.0
Furnace Coke Plants	5,165	5,144	4,871	15,358	14,506	5.9
Breeze Total	369	366	340	1,094	1,037	5.5

* 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."

Distribution

A barge transports coal on the Chesapeake Bay to a Baltimore port facility. River transportation accounted for about 15 percent of all domestic shipments in 1992.

Figure 4. Quarterly Domestic Coal Distribution by End-Use Sector, 1987-1995

Note: Each increment represents end-of-quarter data.
 Source: Energy Information Administration, Form EIA-6, "Coal Distribution Report."

Table 6. Distribution of U.S. Coal by Origin State
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Alabama	6,642	6,336	5,367	18,740	17,966	4.3
Alaska	354	397	266	1,132	1,065	6.3
Arizona	3,250	2,977	3,025	8,966	8,505	5.4
Arkansas	2	4	6	8	23	-64.4
Colorado	6,160	6,644	6,643	19,321	18,762	3.0
Illinois	12,592	11,456	12,543	36,073	39,701	-9.1
Indiana	6,300	6,425	7,873	19,532	23,157	-15.7
Iowa	-	-	*	-	46	-
Kansas	68	70	75	226	212	6.3
Kentucky Total	38,673	37,066	41,383	113,118	119,504	-5.3
Eastern	29,576	28,849	32,626	87,858	93,091	-5.6
Western	9,097	8,217	8,756	25,259	26,412	-4.4
Louisiana	916	924	956	2,618	2,599	.7
Maryland	883	1,047	871	2,719	2,542	7.0
Missouri	75	151	126	371	483	-23.1
Montana	9,706	8,365	10,583	29,020	30,465	-4.7
New Mexico	7,108	5,855	7,787	19,837	21,164	-6.3
North Dakota	7,694	6,797	8,018	22,689	23,494	-3.4
Ohio	5,708	5,664	7,352	17,626	21,678	-18.7
Oklahoma	596	512	516	1,571	1,453	8.1
Pennsylvania Total	16,161	15,873	15,331	46,309	45,526	1.7
Anthracite	1,056	984	1,217	2,946	3,364	-12.4
Bituminous	15,105	14,889	14,113	43,363	42,162	2.8
Tennessee	585	689	633	1,931	1,908	1.2
Texas	14,688	12,331	13,521	38,878	39,694	-2.1
Utah	6,442	6,067	5,891	18,861	17,142	10.0
Virginia	8,700	8,360	10,069	25,852	29,321	-11.8
Washington	1,316	1,218	1,032	3,547	3,555	-.2
West Virginia Total	41,593	40,079	41,481	122,060	118,080	3.4
Northern	11,216	9,976	12,034	31,984	33,765	-5.3
Southern	30,376	30,103	29,446	90,076	84,315	6.8
Wyoming	66,686	63,428	60,335	197,619	174,704	13.1
Appalachian Total	109,848	106,897	113,729	323,094	330,112	-2.1
Interior Total	44,333	40,090	44,371	124,536	133,782	-6.9
Western Total	108,718	101,747	103,578	320,992	298,856	7.4
East of the Miss. River	137,836	132,996	142,902	403,958	419,382	-3.7
West of the Miss. River	125,063	115,738	118,777	364,664	343,368	6.2
U.S. Total	262,899	248,734	261,679	768,623	762,750	.8

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

Notes: Total may not equal sum of components because of independent rounding. See Technical Note 1 for differences between production and distribution.

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

Table 7. Domestic Distribution of U.S. Coal to End-Use Sectors by Origin State
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Electric Generation						
Alabama	4,249	3,775	3,841	11,827	11,932	-0.9
Alaska	68	66	62	210	185	13.6
Arizona	3,250	2,977	3,025	8,966	8,505	5.4
Colorado	5,351	5,862	5,748	16,891	16,377	3.1
Illinois	10,615	9,209	11,208	30,454	35,485	-14.2
Indiana	5,464	5,576	6,859	17,043	19,910	-14.4
Iowa	-	-	*	-	35	-
Kansas	50	52	54	174	143	21.6
Kentucky Total	31,064	28,930	33,647	89,946	96,754	-7.0
Eastern	22,359	21,123	25,312	65,686	71,322	-7.9
Western	8,704	7,807	8,335	24,260	25,432	-4.6
Louisiana	916	924	956	2,618	2,599	.7
Maryland	731	911	752	2,261	2,176	3.9
Missouri	66	138	119	285	369	-22.7
Montana	9,219	8,000	10,156	27,448	29,227	-6.1
New Mexico	6,899	5,731	7,555	19,366	20,572	-5.9
North Dakota	5,493	5,289	6,434	17,270	18,606	-7.2
Ohio	5,210	5,174	6,763	15,959	19,763	-19.2
Oklahoma	228	234	352	687	947	-27.4
Pennsylvania Total	11,439	11,552	11,383	33,203	34,622	-4.1
Anthracite	538	471	633	1,342	1,546	-13.2
Bituminous	10,900	11,081	10,749	31,861	33,076	-3.7
Tennessee	428	528	274	1,373	956	43.6
Texas	13,934	11,592	12,773	36,610	37,463	-2.3
Utah	4,221	4,213	3,944	13,028	12,099	7.7
Virginia	3,503	3,831	4,589	11,248	13,291	-15.4
Washington	1,264	1,149	965	3,361	3,362	*
West Virginia Total	23,876	22,839	24,876	71,626	73,101	-2.0
Northern	8,708	7,692	9,443	25,395	27,922	-9.1
Southern	15,168	15,147	15,433	46,231	45,179	2.3
Wyoming	64,741	61,481	58,413	191,820	168,904	13.6
Appalachian Total	71,795	69,733	77,790	213,184	227,162	-6.2
Interior Total	39,978	35,531	40,656	112,133	122,383	-8.4
Western Total	100,504	94,767	96,302	298,360	277,839	7.4
East of the Miss. River	96,578	92,324	104,191	284,942	307,990	-7.5
West of the Miss. River	115,699	107,707	110,556	338,734	319,395	6.1
U.S. Total	212,276	200,031	214,747	623,677	627,384	-6
Sector: Coke Plants						
Alabama	457	330	306	1,146	1,107	3.5
Colorado	24	-	-	24	-	-
Illinois	63	103	105	235	171	37.4
Kentucky Total	834	1,212	1,168	3,233	3,814	-15.2
Eastern	834	1,212	1,168	3,233	3,814	-15.2
Ohio	1	-	8	1	8	-83.8
Pennsylvania Total	720	682	399	2,034	1,356	50.0
Anthracite	-	-	-	*	-	-
Bituminous	720	682	399	2,034	1,356	50.0
Utah	-	-	18	-	211	-
Virginia	2,004	1,470	1,447	4,839	4,286	12.9
West Virginia Total	3,805	4,214	3,863	11,463	11,488	-2
Northern	-	3	7	21	42	-48.9
Southern	3,805	4,211	3,856	11,441	11,446	*
Appalachian Total	7,822	7,908	7,192	22,716	22,060	3.0
Interior Total	63	103	105	235	171	37.4
Western Total	24	-	18	24	211	-88.4
East of the Miss. River	7,884	8,010	7,297	22,951	22,231	3.2
West of the Miss. River	24	-	18	24	211	-88.4
U.S. Total	7,909	8,010	7,315	22,975	22,442	2.4

See footnotes at end of table.

Table 7. Domestic Distribution of U.S. Coal to End-Use Sectors by Origin State (Continued)
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Industrial Plants (Except Coke)						
Alabama	418	413	416	1,251	1,463	-14.5
Arkansas	2	4	6	8	23	-64.4
Colorado	559	542	653	1,629	1,766	-7.8
Illinois	1,093	1,111	1,123	3,231	3,677	-12.1
Indiana	764	717	862	2,131	2,759	-22.8
Iowa	-	-	-	-	11	-
Kansas	-	17	-	33	45	-27.7
Kentucky Total	3,882	3,684	4,170	11,159	11,645	-4.2
Eastern	3,686	3,529	3,836	10,663	10,843	-1.7
Western	186	156	334	495	802	-38.2
Maryland	98	112	71	300	218	37.4
Missouri	9	12	6	39	40	-7
Montana	363	323	352	1,284	1,070	20.1
New Mexico	140	124	226	398	584	-31.8
North Dakota	2,188	1,503	1,582	5,376	4,895	11.2
Ohio	410	421	370	1,326	1,273	4.1
Oklahoma	367	275	164	869	496	75.1
Pennsylvania Total	1,209	1,084	1,136	3,244	3,366	-3.6
Anthracite	122	125	103	383	315	21.5
Bituminous	1,087	959	1,034	2,861	3,050	-6.2
Tennessee	157	155	346	521	904	-42.4
Texas	754	740	748	2,268	2,231	1.7
Utah	984	800	1,117	2,707	2,733	-9
Virginia	683	606	801	2,211	2,376	-6.9
Washington	36	32	23	91	58	56.7
West Virginia Total	1,698	1,678	2,201	5,094	6,024	-15.4
Northern	629	532	697	1,521	1,722	-11.7
Southern	1,068	1,146	1,504	3,573	4,301	-16.9
Wyoming	1,187	1,281	1,491	3,765	4,327	-13.0
Appalachian Total	8,368	7,998	9,178	24,610	26,467	-7.0
Interior Total	3,174	3,032	3,244	9,075	10,084	-10.0
Western Total	5,468	4,604	5,444	15,251	15,372	-8
East of the Miss. River	10,411	9,982	11,497	30,468	33,704	-9.6
West of the Miss. River	6,599	5,652	6,369	18,469	18,219	1.4
U.S. Total	17,010	15,634	17,866	48,936	51,923	-5.8
Sector: Residential and Commercial						
Alabama	2	*	2	3	8	-61.4
Alaska	84	104	112	341	341	-1
Colorado	24	11	24	53	64	-17.5
Illinois	65	59	70	237	210	12.9
Indiana	53	46	66	192	248	-22.6
Kansas	18	1	20	19	24	-21.1
Kentucky Total	194	181	224	624	860	-27.4
Eastern	172	181	224	599	837	-28.4
Western	22	1	*	26	23	11.7
Maryland	*	8	1	8	3	226.6
Missouri	*	1	*	47	74	-37.3
Montana	6	3	9	55	58	-4.3
New Mexico	-	-	-	3	3	13.6
North Dakota	2	2	2	39	52	-25.8
Ohio	49	38	53	195	359	-45.7
Oklahoma	*	*	*	11	8	30.2
Pennsylvania Total	275	250	251	922	939	-1.8
Anthracite	195	173	190	623	660	-5.5
Bituminous	80	77	61	298	279	6.8
Tennessee	*	3	6	26	31	-18.3
Utah	90	54	72	192	242	-20.7
Virginia	46	42	34	132	87	51.7
Washington	*	*	*	1	*	NM
West Virginia Total	118	178	131	467	488	-4.3
Northern	9	3	3	23	25	-5.5
Southern	108	176	128	444	463	-4.2
Wyoming	34	51	58	165	240	-31.0
Appalachian Total	662	700	701	2,351	2,751	-14.5
Interior Total	159	108	157	531	588	-9.6

See footnotes at end of table.

Table 7. Domestic Distribution of U.S. Coal to End-Use Sectors by Origin State (Continued)
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Residential and Commercial (Continued)						
Western Total	240	224	278	849	1,000	-15.1
East of the Miss. River	803	806	837	2,806	3,232	-13.2
West of the Miss. River	258	226	298	925	1,106	-16.4
U.S. Total	1,061	1,032	1,135	3,731	4,339	-14.0

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

^{nm} Not meaningful as value is greater than or equal to 500.

Notes: Total may not equal sum of components because of independent rounding. Sectors do not sum to total distribution due to deliveries to unknown sectors.

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

Table 8. Foreign Distribution of U.S. Coal by Origin State, January-September 1995
(Thousand Short Tons)

Coal-Producing Region and State	Canada					Overseas ¹	Total
	Electric Utilities	Coke Plants	Industrial Plants (Except Coke)	Residential and Commercial	Total		
Alabama	-	-	-	-	-	4,464	4,464
Alaska	-	-	-	-	-	582	582
Colorado	-	-	-	-	-	694	694
Illinois	-	-	-	-	-	1,898	1,898
Indiana	-	-	-	-	-	69	69
Kentucky Total	-	450	125	-	575	6,935	7,509
Eastern	-	450	125	-	575	6,485	7,060
Western	-	-	-	-	-	449	449
Maryland	-	-	-	-	-	142	142
Montana	218	-	-	-	218	-	218
New Mexico	-	-	-	-	-	70	70
Ohio	-	-	10	-	10	15	25
Pennsylvania Total	200	-	362	*	562	5,967	6,530
Anthracite	4	-	234	*	238	138	376
Bituminous	196	-	128	-	324	5,829	6,153
Utah	-	-	-	-	-	2,934	2,934
Virginia	-	294	-	*	294	7,095	7,389
Washington	-	-	1	-	1	94	95
West Virginia Total	1,944	2,252	342	-	4,538	28,699	33,237
Northern	1,125	-	118	-	1,243	3,677	4,919
Southern	819	2,252	225	-	3,296	25,022	28,318
Wyoming	32	-	-	-	32	1,823	1,855
Appalachian Total	2,144	2,995	840	*	5,979	52,867	58,846
Interior Total	-	-	-	-	-	2,417	2,417
Western Total	250	-	1	-	251	6,197	6,447
East of the Miss. River	2,144	2,995	840	*	5,979	55,284	61,263
West of the Miss. River	250	-	1	-	251	6,197	6,447
U.S. Total	2,394	2,995	841	*	6,230	61,481	67,710

¹ Also includes Mexico.

* Quantity is less than 500 short tons.

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

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

Figure 5. Domestic Distribution of U.S. Coal by Leading State Destination, January-September 1995

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

Table 9. Distribution of U.S. Coal by Destination
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	1,440	1,370	1,284	4,095	3,698	10.7
Connecticut	524	517	350	1,436	769	86.6
Maine	70	78	105	223	294	-24.0
Massachusetts	679	592	539	1,881	1,919	-2.0
New Hampshire	165	182	288	552	711	-22.3
Rhode Island	1	-	1	1	2	-31.8
Vermont	1	*	2	2	3	-42.9
Middle Atlantic Total	17,441	17,110	17,243	51,312	52,135	-1.6
New Jersey	669	730	538	1,968	1,604	22.7
New York	2,520	2,704	2,873	8,079	8,677	-6.9
Pennsylvania	14,252	13,675	13,832	41,264	41,854	-1.4
East North Central Total	52,322	51,347	55,014	157,565	160,774	-2.0
Illinois	10,702	9,463	9,425	30,127	29,626	1.7
Indiana	14,332	14,777	15,703	45,026	47,297	-4.8
Michigan	8,351	8,826	9,551	25,357	24,915	1.8
Ohio	12,568	13,381	14,701	40,362	43,019	-6.2
Wisconsin	6,369	4,900	5,633	16,693	15,918	4.9
West North Central Total	33,198	30,649	32,205	98,006	94,139	4.1
Iowa	5,166	5,454	5,374	15,887	14,423	10.1
Kansas	3,857	4,150	4,680	11,953	14,054	-15.0
Minnesota	5,036	4,397	4,960	14,564	14,884	-2.2
Missouri	8,454	7,246	6,280	24,021	19,829	21.1
Nebraska	2,459	2,422	2,588	7,875	6,743	16.8
North Dakota	7,520	6,410	7,658	21,711	22,049	-1.5
South Dakota	707	569	665	1,996	2,156	-7.4
South Atlantic Total	38,912	35,713	40,465	112,920	120,072	-6.0
Delaware	561	403	566	1,435	1,706	-15.9
District of Columbia	2	-	3	2	32	-92.9
Florida	5,924	5,727	6,219	17,614	17,543	.4
Georgia	7,674	6,998	7,464	22,232	23,271	-4.5
Maryland	3,129	2,342	2,845	7,915	7,613	4.0
North Carolina	6,251	5,956	6,674	18,124	19,964	-9.2
South Carolina	3,051	2,674	3,390	8,766	9,769	-10.3
Virginia	3,828	3,698	4,318	11,166	12,435	-10.2
West Virginia	8,493	7,915	8,986	25,666	27,739	-7.5
East South Central Total	27,315	24,805	25,854	77,423	74,224	4.3
Alabama	8,653	7,425	7,502	23,364	22,664	3.1
Kentucky	10,088	8,827	9,307	27,911	26,543	5.2
Mississippi	1,184	1,097	1,303	3,563	3,202	11.3
Tennessee	7,390	7,455	7,742	22,585	21,815	3.5
West South Central Total	37,865	34,691	35,930	107,774	107,162	.6
Arkansas	3,871	3,446	3,369	10,670	9,641	10.7
Louisiana	3,749	3,822	4,252	11,077	11,283	-1.8
Oklahoma	5,897	5,468	4,475	16,835	14,561	15.6
Texas	24,347	21,955	23,833	69,192	71,677	-3.5
Mountain Total	27,235	25,417	30,149	81,263	84,969	-4.4
Arizona	4,476	3,907	5,225	12,807	14,201	-9.8
Colorado	4,308	4,225	4,390	13,093	13,030	.5
Idaho	128	92	122	311	362	-14.0
Montana	2,607	2,328	2,719	7,887	7,652	3.1
Nevada	1,832	1,963	2,020	5,505	5,689	-3.2
New Mexico	4,213	3,202	4,276	11,037	11,465	-3.7
Utah	3,364	3,781	4,057	11,194	12,150	-7.9
Wyoming	6,307	5,919	7,339	19,429	20,422	-4.9
Pacific Total	2,530	3,623	2,932	8,981	8,939	.5
Alaska	152	169	175	551	526	4.7
California	712	618	824	2,042	2,312	-11.7
Oregon	322	161	619	1,057	1,739	-39.2
Washington	1,344	2,675	1,315	5,331	4,362	22.2
Unknown	393	485	884	1,575	2,840	-44.5
U.S. Total	238,650	225,210	241,960	700,912	708,953	-1.1
Canada	2,525	2,598	3,186	6,230	5,934	5.0
Overseas ¹	21,724	20,926	16,533	61,481	47,862	28.5
Foreign Total	24,248	23,524	19,718	67,710	53,796	25.9
Grand Total	262,899	248,734	261,679	768,623	762,750	.8

¹ Also includes Mexico.

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

Notes: Total may not equal sum of components because of independent rounding. See Technical Note 1 for differences between distribution and receipts.

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

Table 10. Domestic Distribution of U.S. Coal to End-Use Sectors by Destination State
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Electric Generation						
New England Total	1,345	1,279	1,114	3,818	3,289	16.1
Connecticut	523	516	318	1,432	734	95.2
Massachusetts	663	580	511	1,840	1,850	-.5
New Hampshire	160	182	285	546	705	-22.6
Middle Atlantic Total	13,059	12,414	13,007	37,897	39,273	-3.5
New Jersey	665	727	535	1,957	1,556	25.8
New York	1,834	2,068	2,103	6,144	6,538	-6.0
Pennsylvania	10,560	9,618	10,369	29,796	31,179	-4.4
East North Central Total	45,364	44,332	48,084	137,370	139,445	-1.5
Illinois	9,320	8,169	8,039	26,051	24,998	4.2
Indiana	11,693	12,020	13,447	37,250	40,133	-7.2
Michigan	7,386	8,017	8,372	22,915	22,133	3.5
Ohio	11,212	11,734	13,242	35,836	37,673	-4.9
Wisconsin	5,753	4,393	4,983	15,319	14,507	5.6
West North Central Total	29,345	27,886	29,043	88,116	84,907	3.8
Iowa	4,356	4,967	4,755	14,094	12,675	11.2
Kansas	3,823	4,121	4,649	11,861	13,959	-15.0
Minnesota	4,669	4,052	4,516	13,384	13,805	-3.1
Missouri	8,198	7,016	6,051	23,277	19,046	22.2
Nebraska	2,393	2,388	2,500	7,699	6,562	17.3
North Dakota	5,278	4,848	5,992	16,018	16,922	-5.3
South Dakota	628	495	580	1,783	1,938	-8.0
South Atlantic Total	35,212	32,218	36,294	101,601	107,727	-5.7
Delaware	503	364	520	1,302	1,576	-17.4
Florida	5,732	5,555	5,956	17,080	16,886	1.1
Georgia	7,291	6,570	6,966	20,804	22,003	-5.5
Maryland	2,916	2,139	2,666	7,290	7,129	2.3
North Carolina	5,629	5,363	6,025	16,130	17,976	-10.3
South Carolina	2,544	2,236	2,972	7,369	8,101	-9.0
Virginia	2,916	2,782	3,179	8,390	9,456	-11.3
West Virginia	7,681	7,208	8,009	23,236	24,600	-5.5
East South Central Total	24,281	21,907	22,337	68,662	63,734	7.7
Alabama	7,387	6,226	6,220	19,717	18,548	6.3
Kentucky	9,107	7,994	8,226	25,468	23,503	8.4
Mississippi	1,100	1,038	1,237	3,352	2,997	11.8
Tennessee	6,686	6,649	6,654	20,126	18,684	7.7
West South Central Total	36,321	33,176	34,370	103,120	102,534	.6
Arkansas	3,793	3,368	3,286	10,426	9,391	11.0
Louisiana	3,700	3,682	4,102	10,734	10,859	-1.2
Oklahoma	5,492	5,148	4,274	15,784	13,993	12.8
Texas	23,337	20,978	22,708	66,177	68,292	-3.1
Mountain Total	25,669	23,925	28,521	76,614	80,002	-4.2
Arizona	4,325	3,738	5,030	12,313	13,656	-9.8
Colorado	4,098	4,070	4,179	12,561	12,391	1.4
Montana	2,458	2,228	2,612	7,477	7,259	3.0
Nevada	1,768	1,875	1,969	5,296	5,538	-4.4
New Mexico	4,195	3,181	4,258	10,977	11,410	-3.8
Utah	2,890	3,323	3,559	9,825	10,690	-8.1
Wyoming	5,936	5,511	6,914	18,166	19,058	-4.7
Pacific Total	1,681	2,894	1,978	6,478	6,474	.1
Alaska	68	66	62	210	185	13.6
California	50	65	65	163	417	-60.9
Oregon	299	153	588	983	1,682	-41.5
Washington	1,264	2,610	1,262	5,122	4,191	22.2
U.S. Total	212,276	200,031	214,747	623,677	627,384	-.6
Sector: Coke Plants						
Middle Atlantic Total	2,973	3,235	2,651	9,130	7,874	15.9
New York	368	363	338	1,125	974	15.5
Pennsylvania	2,604	2,872	2,314	8,005	6,900	16.0
East North Central Total	3,071	3,039	2,528	8,773	8,251	6.3
Illinois	488	410	315	1,426	1,190	19.8
Indiana	1,556	1,813	1,314	4,798	3,990	20.2
Michigan	364	221	281	698	758	-8.0
Ohio	663	596	617	1,852	2,312	-19.9
South Atlantic Total	605	548	558	1,647	1,950	-15.6
Virginia	246	243	316	724	837	-13.6
West Virginia	359	305	241	923	1,113	-17.1
East South Central Total	1,079	1,012	1,381	2,848	3,634	-21.6

See footnotes at end of table.

Table 10. Domestic Distribution of U.S. Coal to End-Use Sectors by Destination State (Continued)
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Coke Plants (Continued)						
Alabama	772	683	772	2,080	2,403	-13.5
Kentucky	307	329	609	768	1,230	-37.6
Tennessee	-	-	-	-	*	-
Mountain Total	181	176	197	578	733	-21.2
Utah	181	176	197	578	733	-21.2
U.S. Total	7,909	8,010	7,315	22,975	22,442	2.4
Sector: Industrial Plants (Except Coke)						
New England Total	79	88	156	250	374	-33.1
Connecticut	-	*	29	*	29	-99.9
Maine	70	78	103	222	290	-23.5
Massachusetts	9	10	24	28	55	-48.6
Middle Atlantic Total	1,144	1,189	1,331	3,352	4,016	-16.5
New Jersey	3	2	2	7	43	-82.7
New York	258	240	394	661	1,037	-36.2
Pennsylvania	884	947	935	2,683	2,936	-8.6
East North Central Total	3,665	3,729	4,112	10,540	11,955	-11.8
Illinois	842	850	1,008	2,488	3,237	-23.1
Indiana	1,034	899	869	2,790	2,903	-3.9
Michigan	527	542	830	1,533	1,798	-14.7
Ohio	658	975	765	2,455	2,627	-6.5
Wisconsin	604	463	640	1,274	1,390	-8.3
West North Central Total	3,710	2,623	3,049	9,413	8,757	7.5
Iowa	752	461	617	1,709	1,715	-3
Kansas	17	29	12	74	65	13.6
Minnesota	326	248	394	968	921	5.1
Missouri	237	219	205	648	634	2.2
Nebraska	66	35	85	177	177	*
North Dakota	2,235	1,558	1,658	5,627	5,041	11.6
South Dakota	77	74	78	212	206	3.0
South Atlantic Total	2,939	2,800	3,424	9,136	9,744	-6.2
Delaware	58	39	44	133	110	20.6
Florida	191	171	263	534	639	-16.4
Georgia	373	418	487	1,375	1,244	10.6
Maryland	191	192	176	562	464	21.1
North Carolina	584	544	582	1,825	1,807	1.0
South Carolina	507	437	417	1,382	1,608	-14.1
Virginia	596	604	739	1,853	1,902	-2.6
West Virginia	439	394	716	1,472	1,969	-25.2
East South Central Total	1,900	1,837	2,084	5,712	6,533	-12.6
Alabama	493	515	508	1,565	1,704	-8.1
Kentucky	650	489	443	1,578	1,565	.8
Mississippi	84	59	66	211	205	3.0
Tennessee	674	773	1,067	2,358	3,060	-22.9
West South Central Total	1,544	1,513	1,560	4,637	4,628	.2
Arkansas	78	78	84	244	250	-2.3
Louisiana	50	138	150	338	425	-20.4
Oklahoma	406	320	201	1,040	568	83.2
Texas	1,010	977	1,126	3,015	3,385	-10.9
Mountain Total	1,348	1,274	1,374	3,881	3,973	-2.3
Arizona	149	167	196	489	544	-10.1
Colorado	202	154	207	520	626	-17.0
Idaho	123	80	118	286	336	-15.0
Montana	149	100	107	404	391	3.4
Nevada	64	88	50	208	150	39.3
New Mexico	19	21	18	56	52	8.5
Utah	278	271	285	742	656	13.2
Wyoming	363	394	393	1,175	1,219	-3.6
Pacific Total	681	580	776	2,015	1,944	3.6
Alaska	-	-	-	-	*	-
California	605	520	708	1,788	1,769	1.1
Oregon	23	8	31	74	58	27.7
Washington	53	53	38	153	117	30.5
U.S. Total	17,010	15,634	17,866	48,936	51,923	-5.8

See footnotes at end of table.

Table 10. Domestic Distribution of U.S. Coal to End-Use Sectors by Destination State (Continued)
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Sector: Residential and Commercial						
New England Total	16	3	13	27	35	-24.2
Connecticut	1	*	2	3	7	-50.4
Maine	1	*	2	2	4	-57.3
Massachusetts	7	1	4	12	14	-12.2
New Hampshire	5	1	3	6	5	16.8
Rhode Island	1	-	1	1	2	-31.8
Vermont	1	*	2	2	3	-42.9
Middle Atlantic Total	264	254	253	916	971	-5.7
New Jersey	1	1	2	4	6	-31.4
New York	59	33	38	149	128	16.6
Pennsylvania	204	221	213	762	837	-8.9
East North Central Total	222	247	280	881	1,114	-20.9
Illinois	52	34	62	162	200	-18.9
Indiana	49	45	74	188	270	-30.4
Michigan	74	47	68	211	226	-6.3
Ohio	34	76	67	219	396	-44.8
Wisconsin	13	45	10	100	21	372.4
West North Central Total	143	140	114	477	475	.5
Iowa	57	26	2	84	34	148.5
Kansas	18	*	20	18	30	-39.7
Minnesota	40	97	51	212	158	34.4
Missouri	20	11	24	96	149	-35.5
Nebraska	-	-	2	*	5	-100.0
North Dakota	7	4	8	66	87	-23.8
South Dakota	1	-	7	1	13	-91.5
South Atlantic Total	156	147	189	536	650	-17.6
Delaware	-	*	2	*	20	-98.9
District of Columbia	2	-	3	2	32	-92.9
Florida	-	*	-	*	19	-98.9
Georgia	10	10	11	53	25	113.7
Maryland	21	11	3	64	20	215.8
North Carolina	38	49	67	168	180	-6.6
South Carolina	-	1	1	15	60	-74.8
Virginia	70	69	83	199	239	-16.7
West Virginia	15	7	18	34	56	-39.3
East South Central Total	55	48	52	200	312	-35.8
Alabama	1	*	2	2	9	-79.0
Kentucky	25	15	30	97	233	-58.3
Tennessee	30	33	21	101	70	43.8
West South Central Total	*	1	*	16	1	NM
Arkansas	-	-	-	-	*	-
Louisiana	-	1	-	5	-	-
Oklahoma	*	*	*	11	1	NM
Texas	-	-	-	-	*	-
Mountain Total	37	42	57	190	261	-27.3
Arizona	2	2	-	5	*	NM
Colorado	8	2	4	13	12	2.9
Idaho	4	12	4	25	26	-1.9
Montana	*	*	*	6	2	183.4
Nevada	*	*	*	1	1	1.6
New Mexico	*	*	*	4	4	9.0
Utah	15	11	15	49	72	-32.0
Wyoming	7	14	33	87	145	-39.7
Pacific Total	168	149	178	488	521	-6.2
Alaska	84	104	112	341	341	-.1
California	57	33	51	91	125	-27.6
Oregon	*	-	*	*	*	NM
Washington	27	12	14	57	54	5.0
U.S. Total	1,061	1,032	1,135	3,731	4,339	-14.0

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

NM Not meaningful as value is greater than or equal to 500.

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

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

Figure 6. Quarterly Domestic Coal Distribution by Method of Transportation, 1987-1995

Note: Each increment represents end of quarter data. Other methods of transportation include tramway, conveyor, or slurry pipeline.
Source: Energy Information Administration, Form EIA-6, "Coal Distribution Report."

**Table 11. Domestic Distribution of U.S. Coal by Method of Transportation
and Origin State**
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Rail						
Alabama	1,968	1,536	1,489	5,249	4,175	25.7
Alaska	102	111	129	384	380	1.1
Arizona	1,956	1,673	2,064	5,327	5,472	-2.6
Colorado	4,536	5,167	5,012	14,481	14,208	1.9
Illinois	6,465	5,801	7,424	18,938	21,386	-11.4
Indiana	3,465	3,620	3,922	10,955	12,443	-12.0
Kansas	8	14	7	29	14	113.4
Kentucky Total	24,296	22,969	25,997	70,125	72,295	-3.0
Eastern	21,618	20,376	23,513	62,431	65,477	-4.7
Western	2,678	2,593	2,484	7,694	6,818	12.8
Maryland	451	675	599	1,550	1,898	-18.3
Missouri	21	15	37	65	50	28.7
Montana	5,058	4,864	5,756	16,478	18,316	-10.0
New Mexico	5,254	4,722	6,181	15,602	16,721	-6.7
North Dakota	313	469	549	1,468	2,036	-27.9
Ohio	371	773	534	1,430	1,562	-8.4
Pennsylvania Total	5,408	5,766	5,956	16,374	18,706	-12.5
Anthracite	59	58	73	182	130	40.2
Bituminous	5,349	5,708	5,883	16,193	18,576	-12.8
Tennessee	293	411	443	1,117	1,305	-14.5
Texas	6,272	5,076	5,269	15,336	15,645	-2.0
Utah	3,272	2,853	3,112	9,355	8,574	9.1
Virginia	4,862	4,818	5,994	15,132	17,580	-13.9
West Virginia Total	15,420	15,999	16,380	48,217	49,649	-2.9
Northern	3,480	2,944	3,698	9,808	11,031	-11.1
Southern	11,940	13,055	12,682	38,408	38,618	-.5
Wyoming	59,652	54,931	51,993	173,686	152,900	13.6
Appalachian Total	50,391	50,354	54,908	151,500	160,352	-5.5
Interior Total	18,910	17,118	19,143	53,017	56,357	-5.9
Western Total	80,143	74,790	74,797	236,780	218,608	8.3
East of the Miss. River	63,000	62,367	68,738	189,087	201,000	-5.9
West of the Miss. River	86,444	79,895	80,109	252,210	234,317	7.6
U.S. Total	149,445	142,262	148,847	441,297	435,317	1.4
Method of Transportation: River						
Alabama	1,242	939	772	2,917	2,463	18.4
Colorado	185	146	170	485	462	4.9
Illinois	3,289	3,050	3,415	9,880	11,899	-17.0
Indiana	718	582	1,086	1,805	2,738	-34.1
Kentucky Total	7,348	6,924	8,851	22,299	27,051	-17.6
Eastern	2,853	3,090	4,162	10,255	12,232	-16.2
Western	4,495	3,834	4,689	12,044	14,819	-18.7
Maryland	82	57	121	286	121	136.1
Montana	-	1	-	1	-	-
Ohio	2,036	1,637	2,615	6,110	7,812	-21.8
Oklahoma	-	2	-	2	-	-
Pennsylvania Total	2,625	2,141	2,090	6,478	5,397	20.0
Anthracite	6	-	-	6	-	-
Bituminous	2,619	2,141	2,090	6,472	5,397	19.9
Tennessee	172	166	125	456	367	24.2
Utah	4	4	-	9	40	-78.2
Virginia	896	469	329	1,775	925	92.0
West Virginia Total	9,886	9,620	10,645	29,427	29,669	-.8
Northern	3,577	3,403	4,127	10,909	11,937	-8.6
Southern	6,309	6,218	6,518	18,518	17,732	4.4
Wyoming	2,393	4,201	3,488	10,432	8,587	21.5
Appalachian Total	19,791	18,119	20,857	57,703	58,986	-2.2
Interior Total	8,502	7,468	9,190	23,730	29,456	-19.4
Western Total	2,583	4,351	3,657	10,926	9,089	20.2
East of the Miss. River	28,293	25,586	30,047	81,432	88,441	-7.9
West of the Miss. River	2,583	4,353	3,657	10,928	9,089	20.2
U.S. Total	30,876	29,938	33,704	92,359	97,530	-5.3

See footnotes at end of table.

Table 11. Domestic Distribution of U.S. Coal by Method of Transportation and Origin State (Continued)
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Great Lakes						
Illinois	52	16	18	68	32	114.1
Indiana	104	176	89	280	229	22.3
Kentucky Total	526	220	497	836	925	-9.5
Eastern	526	220	484	836	912	-8.3
Western	-	-	12	-	12	-
Montana	2,034	1,945	2,216	5,523	4,847	13.9
Ohio	12	3	58	27	87	-68.7
Pennsylvania Total	495	453	308	988	582	69.8
Bituminous	495	453	308	988	582	69.8
Utah	-	-	40	-	58	-
Virginia	21	31	61	52	150	-65.3
West Virginia Total	534	119	485	704	817	-13.8
Northern	204	110	215	314	325	-3.3
Southern	330	9	270	390	492	-20.7
Wyoming	197	215	301	412	596	-30.9
Appalachian Total	1,589	826	1,397	2,609	2,549	2.4
Interior Total	157	192	120	348	273	27.5
Western Total	2,231	2,160	2,557	5,935	5,502	7.9
East of the Miss. River	1,746	1,018	1,517	2,957	2,822	4.8
West of the Miss. River	2,231	2,160	2,557	5,935	5,502	7.9
U.S. Total	3,976	3,177	4,073	8,892	8,324	6.8
Method of Transportation: Tidewater						
Alabama	-	-	*	-	*	-
Illinois	578	-	228	982	778	26.2
Kentucky Total	645	779	648	2,047	2,021	1.3
Eastern	614	672	628	1,908	1,853	3.0
Western	32	107	21	139	168	-17.3
Pennsylvania Total	-	-	40	23	79	-70.7
Bituminous	-	-	40	23	79	-70.7
Virginia	32	156	-	188	-	-
West Virginia Total	1,171	899	427	2,560	1,311	95.3
Northern	434	306	150	867	329	163.6
Southern	737	593	277	1,693	982	72.5
Appalachian Total	1,817	1,727	1,095	4,680	3,243	44.3
Interior Total	610	107	248	1,121	946	18.5
East of the Miss. River	2,426	1,834	1,344	5,801	4,189	38.5
U.S. Total	2,426	1,834	1,344	5,801	4,189	38.5
Method of Transportation: Truck						
Alabama	1,546	1,781	2,163	5,100	6,892	-26.0
Alaska	50	59	46	167	146	14.1
Arkansas	2	4	6	8	23	-64.4
Colorado	1,238	1,102	1,244	3,632	3,536	2.7
Illinois	1,447	1,615	1,266	4,285	3,988	7.4
Indiana	1,800	1,779	2,542	5,739	7,094	-19.1
Iowa	-	-	*	-	46	-
Kansas	60	56	68	196	199	-1.1
Kentucky Total	3,158	3,115	3,216	9,655	10,778	-10.4
Eastern	1,451	1,686	1,753	4,751	6,339	-25.1
Western	1,707	1,429	1,462	4,904	4,440	10.5
Louisiana	223	225	192	641	600	6.7
Maryland	296	299	104	733	378	93.8
Missouri	54	137	89	306	433	-29.2
Montana	72	40	71	219	249	-12.1
New Mexico	-	-	1,600	1,249	4,437	-71.9
North Dakota	1,166	804	1,745	2,892	3,956	-26.9
Ohio	1,964	2,016	2,516	6,210	8,038	-22.7
Oklahoma	595	508	516	1,566	1,451	7.9
Pennsylvania Total	3,604	3,818	3,733	11,467	11,345	1.1
Anthracite	634	556	662	1,721	1,888	-8.8

See footnotes at end of table.

Table 11. Domestic Distribution of U.S. Coal by Method of Transportation and Origin State (Continued)
(Thousand Short Tons)

Coal-Producing Region and State	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Truck (Continued)						
Bituminous	2,969	3,262	3,071	9,746	9,457	3.1
Tennessee	121	110	58	347	219	58.6
Texas	3,834	3,020	3,551	10,319	10,551	-2.2
Utah	2,018	1,370	2,000	4,811	4,821	-.2
Virginia	175	233	171	557	548	1.7
Washington	36	32	25	92	62	49.3
West Virginia Total	1,206	1,056	1,547	3,771	4,579	-17.6
Northern	775	586	851	2,274	2,519	-9.7
Southern	431	470	695	1,497	2,060	-27.3
Wyoming	685	765	965	2,507	2,648	-5.3
Appalachian Total	10,362	11,000	12,045	32,936	38,337	-14.1
Interior Total	9,722	8,772	9,692	27,965	28,825	-3.0
Western Total	5,265	4,172	7,695	15,568	19,855	-21.6
East of the Miss. River	15,316	15,822	17,316	47,864	53,860	-11.1
West of the Miss. River	10,033	8,122	12,117	28,605	33,158	-13.7
U.S. Total	25,349	23,944	29,432	76,469	87,018	-12.1
Method of Transportation: Tramway, Conveyor and Slurry Pipeline						
Alabama	369	262	142	962	981	-1.9
Arizona	1,294	1,304	961	3,638	3,033	20.0
Illinois	5	-	155	5	1,460	-99.7
Indiana	194	182	149	587	412	42.6
Kentucky Total	-	-	-	-	3	-
Eastern	-	-	-	-	3	-
Louisiana	693	698	764	1,977	1,999	-1.1
Montana	2,424	1,477	2,473	6,567	6,943	-5.4
New Mexico	1,785	1,133	-	2,917	-	-
North Dakota	6,213	5,521	5,723	18,324	17,501	4.7
Ohio	1,288	1,203	1,471	3,703	3,903	-5.1
Pennsylvania Total	1,512	1,391	1,041	4,072	4,173	-2.4
Anthracite	156	155	191	439	503	-12.7
Bituminous	1,356	1,236	850	3,633	3,670	-1.0
Texas	4,582	4,236	4,701	13,224	13,499	-2.0
Utah	-	838	-	1,752	1,791	-2.2
Virginia	249	243	316	726	837	-13.3
Washington	1,264	1,149	964	3,361	3,359	*
West Virginia Total	1,279	1,215	1,587	3,971	5,076	-21.8
Northern	876	881	1,109	2,789	3,570	-21.9
Southern	403	335	478	1,183	1,506	-21.5
Wyoming	3,035	2,700	3,215	8,715	8,740	-.3
Appalachian Total	4,697	4,314	4,558	13,435	14,973	-10.3
Interior Total	5,473	5,116	5,769	15,793	17,370	-9.1
Western Total	16,014	14,122	13,337	45,274	41,368	9.4
East of the Miss. River	4,895	4,496	4,861	14,027	16,845	-16.7
West of the Miss. River	21,289	19,056	18,801	60,475	56,865	6.3
U.S. Total	26,184	23,551	23,663	74,502	73,711	1.1

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

Notes: Total may not equal sum of components because of independent rounding. Methods of transportation do not sum to total distribution due to unknown methods of transportation.

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

**Table 12. Domestic Distribution of U.S. Coal by Method of Transportation
and Destination State**
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Rail						
New England Total	341	404	747	1,365	2,284	-40.3
Connecticut	118	163	29	509	30	NM
Maine	11	8	13	19	17	11.4
Massachusetts	52	51	418	290	1,530	-81.0
New Hampshire	160	182	286	546	706	-22.7
Vermont	-	*	1	*	1	-84.6
Middle Atlantic Total	6,503	6,984	7,396	20,424	22,185	-7.9
New Jersey	342	309	449	1,039	1,276	-18.5
New York	2,268	2,432	2,542	7,255	7,509	-3.4
Pennsylvania	3,894	4,244	4,405	12,130	13,400	-9.5
East North Central Total	34,887	33,971	31,927	105,576	96,502	9.4
Illinois	8,786	7,782	7,201	24,639	21,635	13.9
Indiana	11,789	12,167	10,415	36,732	32,791	12.0
Michigan	5,555	6,221	6,115	18,120	17,685	2.5
Ohio	3,504	3,970	3,484	11,856	10,584	12.0
Wisconsin	5,252	3,831	4,713	14,229	13,806	3.1
West North Central Total	21,713	20,412	21,587	65,452	64,598	1.3
Iowa	4,137	4,803	4,573	13,875	12,710	9.2
Kansas	3,787	4,086	4,615	11,744	13,862	-15.3
Minnesota	4,741	4,268	4,550	14,043	14,208	-1.2
Missouri	5,857	4,306	4,542	15,792	14,712	7.3
Nebraska	2,459	2,422	2,588	7,875	6,743	16.8
North Dakota	140	85	190	495	592	-16.3
South Dakota	591	441	529	1,627	1,772	-8.2
South Atlantic Total	29,758	27,801	31,615	86,329	89,989	-4.1
Delaware	547	381	540	1,367	1,629	-16.1
District of Columbia	-	-	3	-	25	-
Florida	3,316	3,433	3,826	10,052	9,740	3.2
Georgia	7,584	6,887	7,418	21,983	20,570	6.9
Maryland	2,620	1,933	2,497	6,700	6,592	1.6
North Carolina	6,185	5,895	6,610	17,930	19,627	-8.6
South Carolina	3,024	2,645	3,344	8,667	9,654	-10.2
Virginia	3,319	3,273	3,694	9,782	10,760	-9.1
West Virginia	3,162	3,354	3,681	9,849	11,391	-13.5
East South Central Total	12,351	11,179	11,593	34,444	31,258	10.2
Alabama	4,302	3,605	3,167	11,502	8,375	37.3
Kentucky	3,714	3,121	3,851	9,956	9,920	.4
Mississippi	705	587	606	2,059	1,737	18.5
Tennessee	3,631	3,865	3,968	10,928	11,225	-2.7
West South Central Total	27,913	24,305	24,335	76,708	73,973	3.7
Arkansas	3,824	3,397	3,302	10,517	9,467	11.1
Louisiana	2,827	1,221	1,451	5,173	3,658	41.4
Oklahoma	5,374	5,029	4,040	15,492	13,355	16.0
Texas	15,888	14,659	15,542	45,525	47,494	-4.1
Mountain Total	14,799	14,821	17,751	45,637	49,170	-7.2
Arizona	4,455	3,905	5,225	12,783	14,161	-9.7
Colorado	3,127	3,166	3,168	9,582	9,600	-2
Idaho	116	77	104	260	285	-8.7
Montana	110	810	167	1,108	450	148.2
Nevada	512	621	1,025	1,776	2,542	-30.1
New Mexico	2,407	2,037	2,652	6,795	6,966	-2.5
Utah	1,394	1,622	2,114	4,769	5,739	-16.9
Wyoming	2,677	2,583	3,295	8,565	9,428	-9.2
Pacific Total	1,180	2,384	1,897	5,360	5,358	*
Alaska	102	111	129	384	380	1.1
California	712	618	824	2,041	2,298	-11.2
Oregon	321	161	619	1,056	1,739	-39.3
Washington	44	1,494	326	1,879	940	99.8
U.S. Total	149,445	142,262	148,847	441,297	435,317	1.4
Method of Transportation: River						
New England Total	30	-	-	30	-	-
Massachusetts	30	-	-	30	-	-
Middle Atlantic Total	5,331	4,270	4,888	14,035	13,965	0.5
New Jersey	60	91	89	271	184	47.1
New York	77	115	154	292	545	-46.4
Pennsylvania	5,194	4,064	4,646	13,472	13,236	1.8

See footnotes at end of table.

Table 12. Domestic Distribution of U.S. Coal by Method of Transportation and Destination State (Continued)
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: River (Continued)						
East North Central Total	7,375	7,921	10,968	23,607	30,640	-23.0
Illinois	767	560	684	2,073	2,346	-11.6
Indiana	632	712	2,758	2,213	7,372	-70.0
Michigan	171	226	310	479	832	-42.4
Ohio	5,435	5,918	6,795	17,797	19,233	-7.5
Wisconsin	370	505	421	1,045	857	22.0
West North Central Total	3,458	3,298	2,421	9,554	6,070	57.4
Iowa	982	608	791	1,879	1,588	18.3
Minnesota	59	33	65	169	105	61.2
Missouri	2,416	2,658	1,560	7,505	4,371	71.7
North Dakota	-	-	-	-	-	-
South Dakota	1	-	5	1	7	-83.4
South Atlantic Total	4,902	4,163	4,561	14,345	16,113	-11.0
Delaware	10	19	23	57	60	-5.3
Florida	1,844	1,621	1,871	5,439	5,863	-7.2
Georgia	-	2	2	7	2,540	-99.7
Maryland	-	-	-	2	-	-
North Carolina	-	-	15	-	21	-
Virginia	29	4	1	50	4	NM
West Virginia	3,020	2,517	2,649	8,791	7,626	15.3
East South Central Total	9,763	8,602	9,004	27,478	25,690	7.0
Alabama	2,412	1,761	2,051	5,782	6,504	-11.1
Kentucky	3,582	3,250	2,729	9,797	7,961	23.1
Mississippi	320	376	617	1,190	1,255	-5.2
Tennessee	3,449	3,214	3,606	10,709	9,970	7.4
West South Central Total	16	1,685	1,862	3,311	5,052	-34.5
Louisiana	6	1,677	1,845	3,285	5,010	-34.4
Oklahoma	10	7	17	25	41	-39.8
Texas	-	2	-	2	1	173.3
U.S. Total	30,876	29,938	33,704	92,359	97,530	-5.3
Method of Transportation: Great Lakes						
Middle Atlantic Total	-	-	17	-	17	-
New York	-	-	17	-	17	-
East North Central Total	3,749	3,083	3,725	8,553	7,773	10.0
Illinois	35	-	-	40	-	-
Indiana	81	80	78	162	144	12.6
Michigan	2,495	2,233	2,949	6,300	5,904	6.7
Ohio	406	210	227	662	513	28.9
Wisconsin	732	560	471	1,390	1,212	14.6
West North Central Total	227	94	331	339	533	-36.4
Minnesota	227	94	331	339	533	-36.4
U.S. Total	3,976	3,177	4,073	8,892	8,324	6.8
Method of Transportation: Tidewater						
New England Total	1,057	911	494	2,625	1,329	97.5
Connecticut	405	322	285	892	679	31.4
Maine	59	50	91	183	274	-33.3
Massachusetts	593	539	117	1,550	377	311.7
Middle Atlantic Total	263	328	-	670	110	NM
New Jersey	263	328	-	647	82	NM
Pennsylvania	-	-	-	23	28	-17.9
South Atlantic Total	1,087	596	796	2,486	2,611	-4.8
Florida	755	351	521	1,790	1,921	-6.8
Maryland	331	245	162	696	534	30.2
Virginia	-	-	113	-	155	-99.8
East South Central Total	20	-	54	20	123	-83.8
Mississippi	20	-	54	20	123	-83.8
West South Central Total	-	-	-	-	16	-
Louisiana	-	-	-	-	16	-
U.S. Total	2,426	1,834	1,344	5,801	4,189	38.5

See footnotes at end of table.

**Table 12. Domestic Distribution of U.S. Coal by Method of Transportation
and Destination State (Continued)**
(Thousand Short Tons)

Census Division and State of Destination	July- September 1995	April- June 1995	July- September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Truck						
New England Total	12	55	43	76	85	-10.9
Connecticut	1	32	35	35	61	-43.0
Maine	1	20	1	22	3	NM
Massachusetts	4	2	3	11	13	-16.3
New Hampshire	5	*	2	6	4	29.0
Rhode Island	1	-	1	1	2	-31.8
Vermont	1	*	1	2	2	-23.3
Middle Atlantic Total	3,831	4,120	3,899	12,093	11,683	3.5
New Jersey	4	3	1	11	62	-81.6
New York	176	157	159	532	606	-12.2
Pennsylvania	3,652	3,959	3,739	11,549	11,014	4.9
East North Central Total	4,824	4,987	6,610	15,533	20,074	-22.6
Illinois	1,109	1,121	1,385	3,370	4,185	-19.5
Indiana	1,636	1,636	2,304	5,333	6,578	-18.9
Michigan	130	146	177	458	493	-7.2
Ohio	1,934	2,080	2,715	6,344	8,774	-27.7
Wisconsin	16	3	29	29	43	-33.7
West North Central Total	1,587	1,324	2,142	4,337	5,437	-20.2
Iowa	46	43	10	132	126	5.3
Kansas	70	64	65	209	192	8.9
Minnesota	9	2	14	13	38	-66.9
Missouri	181	282	178	723	746	-3.1
Nebraska	*	-	*	*	*	NM
North Dakota	1,166	804	1,745	2,892	3,956	-26.9
South Dakota	115	128	131	368	378	-2.7
South Atlantic Total	1,637	1,695	1,588	5,062	5,445	-7.0
Delaware	4	3	3	11	17	-35.3
District of Columbia	2	-	-	2	7	-66.8
Florida	8	323	*	333	19	NM
Georgia	90	109	44	243	161	50.7
Maryland	177	165	186	517	486	6.4
North Carolina	66	61	49	194	316	-38.6
South Carolina	27	29	46	99	116	-14.4
Virginia	232	178	193	608	679	-10.4
West Virginia	1,032	828	1,066	3,055	3,644	-16.2
East South Central Total	4,812	4,762	5,062	14,518	16,158	-10.1
Alabama	1,570	1,797	2,142	5,118	6,804	-24.8
Kentucky	2,792	2,456	2,727	8,157	8,647	-5.7
Mississippi	140	134	25	295	87	238.1
Tennessee	310	376	167	949	619	53.2
West South Central Total	4,661	3,766	4,269	12,554	12,624	-.6
Arkansas	47	49	68	153	174	-12.4
Louisiana	223	226	192	641	600	6.8
Oklahoma	513	432	418	1,318	1,165	13.1
Texas	3,878	3,059	3,591	10,442	10,684	-2.3
Mountain Total	3,898	3,144	5,748	12,036	15,292	-21.3
Arizona	21	2	-	24	40	-39.7
Colorado	1,181	1,059	1,222	3,511	3,430	2.4
Idaho	11	15	19	51	77	-33.5
Montana	72	41	78	212	259	-18.0
Nevada	26	38	34	90	114	-20.4
New Mexico	22	32	1,624	1,325	4,499	-70.6
Utah	1,969	1,320	1,943	4,673	4,621	1.1
Wyoming	594	636	829	2,150	2,253	-4.6
Pacific Total	87	91	71	260	221	17.3
Alaska	50	59	46	167	146	14.0
California	*	*	*	*	13	-96.3
Oregon	1	-	*	1	*	268.3
Washington	36	32	25	92	62	48.0
U.S. Total	25,349	23,944	29,432	76,469	87,018	-12.1
Method of Transportation: Tramway, Conveyor and Slurry Pipeline						
Middle Atlantic Total	1,512	1,391	1,041	4,072	4,173	-2.4
Pennsylvania	1,512	1,391	1,041	4,072	4,173	-2.4
East North Central Total	1,486	1,385	1,775	4,295	5,775	-25.6
Illinois	5	-	155	5	1,460	-99.7
Indiana	194	182	149	587	412	42.6

See footnotes at end of table.

Table 12. Domestic Distribution of U.S. Coal by Method of Transportation and Destination State (Continued)
(Thousand Short Tons)

Census Division and State of Destination	July-September 1995	April-June 1995	July-September 1994	Year to Date		
				1995	1994	Percent Change
Method of Transportation: Tramway, Conveyor and Slurry Pipeline (Continued)						
Ohio	1,288	1,203	1,471	3,703	3,903	-5.1
West North Central Total	6,213	5,521	5,723	18,324	17,501	4.7
North Dakota	6,213	5,521	5,723	18,324	17,501	4.7
South Atlantic Total	1,528	1,458	1,904	4,697	5,914	-20.6
Virginia	249	243	316	726	837	-13.3
West Virginia	1,279	1,215	1,588	3,971	5,077	-21.8
East South Central Total	369	262	142	962	983	-2.1
Alabama	369	262	142	962	981	-1.9
Kentucky	-	-	-	-	3	-
West South Central Total	5,275	4,934	5,465	15,201	15,498	-1.9
Louisiana	693	698	764	1,977	1,999	-1.1
Texas	4,582	4,236	4,701	13,224	13,499	-2.0
Mountain Total	8,538	7,452	6,649	23,589	20,507	15.0
Montana	2,424	1,477	2,473	6,567	6,943	-5.4
Nevada	1,294	1,304	961	3,638	3,033	20.0
New Mexico	1,785	1,133	-	2,917	-	-
Utah	-	838	-	1,752	1,791	-2.2
Wyoming	3,035	2,700	3,215	8,715	8,740	-.3
Pacific Total	1,264	1,149	964	3,361	3,359	*
Washington	1,264	1,149	964	3,361	3,359	*
U.S. Total	26,184	23,551	23,663	74,502	73,711	1.1

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

NA Not meaningful as value is greater than or equal to 500.

Notes: Total may not equal sum of components because of independent rounding. Methods of transportation do not sum to total distribution due to unknown methods of transportation.

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

Table 13. Coke and Breeze Distributed by Coke Plants
(Thousand Short Tons)

	July - September 1995			April - June 1995	July - September 1994	Year to Date		
	Used By Producing Companies	Commercial Sales	Total			1995	1994	Percent Change
Coke Total	4,551	2,567	7,118	6,923	7,060	21,069	22,085	-4.6
By Consumer Category								
Blast Furnaces	4,513	2,109	6,622	6,413	6,557	19,529	20,516	-4.8
Foundries	22	315	336	357	355	1,072	1,106	-3.1
Other Industrial Plants	16	143	160	154	149	468	463	1.2
By Plant Type								
Merchant Coke Plants	-	819	819	802	817	2,474	2,552	-3.1
Furnace Coke Plants	4,551	1,748	6,299	6,122	6,243	18,595	19,533	-4.8
Breeze Total	171	235	406	404	374	1,225	1,297	-5.5

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

This bulkloader, at a coal export terminal in the Port of Los Angeles, is capable of handling 10 million tons of coal a year.

Table 14. U.S. Coal Exports and Imports, 1987-1995
(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
1987	16,576	331	20,113	483	21,033	475	21,885	459	79,607	1,747
1988	16,061	542	24,900	587	27,691	437	26,371	567	95,023	2,134
1989	21,429	531	28,445	687	23,991	925	26,949	708	100,815	2,851
1990	22,383	735	27,733	674	29,497	514	26,191	776	105,804	2,699
1991	22,318	938	26,214	730	31,197	984	29,239	738	108,969	3,390
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	NA	NA	64,346	5,130

^{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 15. Average Price of U.S. Coal Exports and Imports, 1987-1995
(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1987	\$44.79	\$35.04	\$43.20	\$31.69	\$42.01	\$31.94	\$41.59	\$30.35	\$42.77	\$32.04
1988	42.05	28.94	42.62	33.74	41.84	26.77	42.38	29.47	42.23	29.96
1989	42.27	33.65	42.47	34.19	42.61	34.92	42.69	33.44	42.52	34.14
1990	43.23	35.07	42.51	33.67	42.22	32.05	42.68	36.14	42.63	34.45
1991	44.58	33.71	42.97	34.60	41.51	31.45	41.15	33.16	42.39	33.12
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	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."

Figure 7. Quarterly U.S. Coal Exports and Imports, 1987-1995

Note: Each increment represents end-of-quarter data.
 Sources, Exports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM 545;"
 Imports: U.S. Department of Commerce, Bureau of the Census, "Monthly Report IM 145."

Table 16. U.S. Coal Exports
(Short Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	3,346,745	3,683,249	3,811,853	7,435,035	6,635,130	12.1
Canada ¹	3,101,305	3,573,990	3,778,597	6,989,592	6,409,115	9.1
Mexico	155,085	103,977	32,129	335,918	191,504	75.4
Other ²	90,355	5,282	1,127	109,525	34,511	217.4
South America Total	1,911,298	1,764,999	1,571,829	5,015,417	4,382,165	14.5
Argentina	1,084	132,485	101,075	203,749	349,656	-41.7
Brazil	1,832,213	1,605,623	1,467,387	4,697,685	4,021,390	16.8
Other ²	78,001	26,891	3,367	113,983	11,119	(³)
Europe Total	11,620,611	11,651,459	9,195,592	34,939,365	26,527,103	31.7
Belgium & Luxembourg	966,102	769,421	1,083,003	3,083,728	3,549,943	-13.1
Bulgaria	225,940	337,414	390,880	899,656	853,975	5.3
Denmark	613,961	824,626	237,627	1,880,159	317,624	491.9
Finland	315,258	234,995	120,806	616,200	275,042	124.0
France	678,642	891,378	758,283	2,397,208	2,245,503	6.8
Germany, FR	288,463	480,011	-	1,116,030	235,428	374.0
Ireland	-	289,315	111,866	539,627	607,962	-11.2
Italy	2,170,536	2,617,801	1,682,308	6,953,792	5,365,020	29.6
Netherlands	1,639,900	1,461,302	1,483,043	5,340,323	3,662,674	45.8
Norway	22,045	27,798	19,794	79,241	54,694	44.9
Portugal	503,178	364,928	350,213	1,240,328	850,469	45.8
Romania	656,140	314,138	760,958	1,617,122	1,241,362	30.3
Spain	1,357,531	1,315,989	890,700	3,797,219	3,342,287	13.6
Sweden	324,632	202,797	242,029	737,853	553,466	33.3
Turkey	495,503	394,743	224,396	1,355,274	936,836	44.7
United Kingdom	1,347,423	1,117,900	839,686	3,255,175	2,434,699	33.7
Other ²	15,357	6,903	-	30,430	119	(³)
Asia Total	4,354,734	5,270,102	4,649,106	14,698,701	13,413,205	9.6
China (Taiwan)	623,824	500,705	894,949	2,007,274	2,663,604	-24.6
Israel	140,529	124,833	246,679	512,290	614,197	-16.6
Japan	2,650,358	3,498,118	2,909,218	9,276,169	7,612,979	21.8
Korea, Republic of	938,317	1,146,249	597,715	2,901,011	2,520,237	15.1
Other ²	1,706	197	545	1,957	2,188	-10.6
Oceania & Australia Total	122	75	19	197	541	-63.6
Africa Total	941,002	813,801	475,422	2,257,391	1,562,614	44.5
Algeria	110,024	-	118,857	165,097	291,370	-43.3
Egypt	335,409	228,653	139,323	809,764	734,220	10.3
Morocco	331,374	422,929	-	754,303	42,114	(³)
South Africa, Rep of	164,195	162,219	217,242	528,227	494,910	6.7
Total	22,174,512	23,183,685	19,703,821	64,346,106	52,520,758	22.5

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 1994.

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

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$34.81	\$33.08	\$32.04	\$34.14	\$32.42	5.3
Canada ¹	34.66	32.71	31.94	33.75	32.04	5.3
Mexico	38.65	47.16	44.85	42.63	44.22	-3.6
Other ²	33.89	35.56	-	33.98	35.33	-3.8
South America Total	44.23	43.07	42.18	43.34	42.16	2.8
Argentina	34.46	44.73	42.39	43.04	42.67	.9
Brazil	44.71	42.89	42.17	43.50	42.12	3.3
Other ²	33.14	47.24	40.94	36.80	40.88	-10.0
Europe Total	44.31	42.33	41.46	42.63	42.63	*
Belgium & Luxembourg	46.09	42.39	42.01	43.71	42.87	2.0
Bulgaria	44.15	44.77	41.63	43.77	42.02	4.2
Denmark	31.65	32.57	29.23	31.82	29.23	8.9
Finland	41.07	39.74	42.10	40.94	42.25	-3.1
France	44.32	44.64	44.57	44.66	44.48	.4
Germany, FR	42.41	32.16	-	35.49	45.61	-22.2
Ireland	-	36.74	33.48	35.93	33.42	7.5
Italy	45.03	44.15	42.36	43.79	43.38	.9
Netherlands	45.26	42.76	40.96	42.41	42.29	.3
Portugal	37.04	37.86	35.97	37.01	35.65	3.8
Romania	42.49	44.56	33.41	42.68	35.19	21.3
Spain	48.93	45.87	45.77	47.16	46.61	1.2
Sweden	48.25	48.80	45.47	47.17	45.54	3.6
Turkey	45.12	42.38	41.00	42.88	41.56	3.2
United Kingdom	44.55	45.77	45.20	44.92	45.19	-.6
Other ²	-	-	-	-	40.76	-
Asia Total	40.46	38.97	37.62	38.96	38.97	*
China (Taiwan)	37.45	33.71	39.48	36.63	38.72	-5.4
Israel	40.91	35.47	33.68	35.94	34.05	5.6
Japan	40.46	39.56	36.56	38.91	38.95	-.1
Korea, Republic of	42.44	39.87	41.60	41.31	40.46	2.1
Other ²	34.37	34.33	40.82	34.36	37.07	-7.3
Oceania & Australia Total	39.87	-	-	39.87	39.99	-.3
Africa Total	40.87	37.64	43.95	41.08	43.29	-5.1
Algeria	48.03	-	42.81	47.16	43.14	9.3
Egypt	46.05	46.13	42.45	46.16	42.15	9.5
Morocco	33.20	33.29	-	33.25	34.25	-2.9
South Africa, Rep of	49.00	45.09	45.53	46.52	45.84	1.5
Total	41.82	39.97	38.80	40.74	40.37	.9
U.S. Total³	40.99	39.59	38.86	40.17	40.11	.1

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

² Includes countries with exports less than or equal to 50,000 short tons in 1994.

³ 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 18. U.S. Steam Coal Exports
(Short Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	1,577,789	2,405,274	2,528,109	4,052,990	3,791,680	6.9
Canada ¹	1,401,141	2,372,318	2,523,660	3,824,694	3,738,434	2.3
Mexico	86,293	27,674	3,322	118,771	18,735	(²)
Other ³	90,355	5,282	1,127	109,525	34,511	217.4
South America Total	79,635	28,086	6,867	122,288	18,780	(²)
Argentina	1,084	1,171	1,783	4,424	3,018	46.6
Brazil	550	24	1,717	3,881	4,643	-16.4
Other ³	78,001	26,891	3,367	113,983	11,119	(²)
Europe Total	4,615,738	5,009,070	3,083,018	14,586,255	7,349,099	98.5
Belgium & Luxembourg	130,384	208,999	264,133	646,686	686,205	-5.8
Denmark	613,961	824,626	237,627	1,880,159	317,624	491.9
Finland	131,344	-	-	131,344	-	-
France	78,327	14,000	65	92,392	238	(²)
Germany, FR	257,423	451,297	-	1,001,705	13,667	(²)
Ireland	-	289,315	111,866	539,627	607,962	-11.2
Italy	967,078	1,288,835	597,243	3,448,128	1,476,201	133.6
Netherlands	575,113	575,243	709,502	2,284,672	1,191,156	91.8
Norway	-	-	7,315	3,687	7,315	-49.6
Portugal	503,178	364,928	350,213	1,240,328	850,469	45.8
Romania	-	-	405,667	299,059	813,334	-63.2
Spain	732,422	749,256	377,133	2,082,524	1,282,083	62.4
Sweden	8,613	-	-	8,613	-	-
Turkey	174	-	-	634	-	-
United Kingdom	617,701	242,571	22,254	926,677	102,726	(²)
Other ³	20	-	-	20	119	-83.2
Asia Total	1,854,090	1,959,925	2,175,665	6,042,393	5,981,383	1.0
China (Taiwan)	513,819	500,705	775,091	1,768,678	2,525,302	-30.0
Israel	-	124,833	246,679	371,761	614,197	-39.5
Japan	1,017,215	880,474	1,014,876	2,954,054	2,019,723	46.3
Korea, Republic of	321,350	453,716	138,474	945,943	819,973	15.4
Other ³	1,706	197	545	1,957	2,188	-10.6
Oceania & Australia Total	122	75	19	197	541	-63.6
Africa Total	332,667	423,233	-	755,900	42,114	(²)
Egypt	1,244	-	-	1,244	-	-
Morocco	331,374	422,929	-	754,303	42,114	(²)
South Africa, Rep of	49	304	-	353	-	-
Total	8,460,041	9,825,663	7,793,678	25,560,023	17,183,597	48.7

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 Changes of 500 percent or more are not shown.

³ Includes countries with exports less than or equal to 50,000 short tons in 1994.

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 19. Average Price of U.S. Steam Coal Exports
(Dollars per Short Ton)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$30.85	\$30.81	\$30.28	\$30.95	\$30.09	2.9
Canada ¹	30.52	30.76	30.28	30.79	29.99	2.7
Mexico	32.93	38.71	40.78	33.67	41.71	-19.3
Other ²	33.89	35.56	-	33.98	35.33	-3.8
South America Total	33.20	46.75	37.24	36.72	37.39	-1.8
Argentina	34.46	34.46	34.46	34.45	34.46	*
Brazil	39.85	-	-	39.85	-	-
Other ²	33.14	47.24	40.94	36.80	40.88	-10.0
Europe Total	39.10	37.54	35.59	37.51	35.86	4.6
Belgium & Luxembourg	38.56	34.10	32.80	35.90	33.30	7.8
Denmark	31.65	32.57	29.23	31.82	29.23	8.9
Finland	35.47	-	-	35.47	-	-
France	34.47	41.52	-	35.54	40.54	-12.3
Germany, FR	41.77	31.17	-	34.26	45.17	-24.1
Ireland	-	36.74	33.48	35.93	33.42	7.5
Italy	42.11	42.46	38.33	41.33	38.44	7.5
Netherlands	40.33	37.85	36.18	37.19	35.72	4.1
Portugal	37.04	37.86	35.97	37.01	35.65	3.8
Romania	-	-	35.38	39.08	36.87	6.0
Spain	43.02	40.78	40.83	41.33	40.52	2.0
Sweden	48.54	-	-	48.54	-	-
Turkey	39.79	-	-	39.83	-	-
United Kingdom	33.40	37.11	49.90	35.20	47.21	-25.4
Other ²	-	-	-	-	40.76	-
Asia Total	35.37	33.74	35.18	34.54	35.59	-3.0
China (Taiwan)	35.92	33.71	38.97	35.71	38.50	-7.2
Israel	-	35.47	33.68	34.07	34.05	*
Japan	35.95	34.81	32.82	34.77	33.52	3.7
Korea, Republic of	32.56	30.97	33.98	31.52	32.78	-3.9
Other ²	34.37	34.33	40.82	34.36	37.07	-7.3
Oceania & Australia Total	39.87	-	-	39.87	39.99	-3
Africa Total	33.22	33.29	-	33.26	34.25	-2.9
Egypt	40.79	-	-	40.79	-	-
Morocco	33.20	33.29	-	33.25	34.25	-2.9
South Africa, Rep of	-	39.80	-	39.80	-	-
Total	35.95	34.84	33.65	35.46	34.45	2.9
U.S. Total³	34.26	34.02	34.23	34.28	34.23	.1

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

² Includes countries with exports less than or equal to 50,000 short tons in 1994.

³ 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 20. U.S. Metallurgical Coal Exports
(Short Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	1,768,956	1,277,975	1,283,744	3,382,045	2,843,450	18.9
Canada ¹	1,700,164	1,201,672	1,254,937	3,164,898	2,670,681	18.5
Mexico	68,792	76,303	28,807	217,147	172,769	25.7
South America Total	1,831,663	1,736,913	1,564,962	4,893,129	4,363,385	12.1
Argentina	-	131,314	99,292	199,325	346,638	-42.5
Brazil	1,831,663	1,605,599	1,465,670	4,693,804	4,016,747	16.9
Europe Total	7,004,873	6,642,389	6,112,574	20,353,110	19,178,004	6.1
Belgium & Luxembourg	835,718	560,422	818,870	2,437,042	2,863,738	-14.9
Bulgaria	225,940	337,414	390,880	899,656	853,975	5.3
Finland	183,914	234,995	120,806	484,856	275,042	76.3
France	600,315	877,378	758,218	2,304,816	2,245,265	2.7
Germany, FR	31,040	28,714	-	114,325	221,761	-48.4
Italy	1,203,458	1,328,966	1,085,065	3,505,664	3,888,819	-9.9
Netherlands	1,064,787	886,059	773,541	3,055,651	2,471,518	23.6
Norway	22,045	27,798	12,479	75,554	47,379	59.5
Romania	656,140	314,138	355,291	1,318,063	428,028	207.9
Spain	625,109	566,733	513,567	1,714,695	2,060,204	-16.8
Sweden	316,019	202,797	242,029	729,240	553,466	31.8
Turkey	495,329	394,743	224,396	1,354,640	936,836	44.6
United Kingdom	729,722	875,329	817,432	2,328,498	2,331,973	-.1
Other ²	15,337	6,903	-	30,410	-	-
Asia Total	2,500,644	3,310,177	2,473,441	8,656,308	7,431,822	16.5
China (Taiwan)	110,005	-	119,858	238,596	138,302	72.5
Israel	140,529	-	-	140,529	-	-
Japan	1,633,143	2,617,644	1,894,342	6,322,115	5,593,256	13.0
Korea, Republic of	616,967	692,533	459,241	1,955,068	1,700,264	15.0
Africa Total	608,335	390,568	475,422	1,501,491	1,520,500	-1.3
Algeria	110,024	-	118,857	165,097	291,370	-43.3
Egypt	334,165	228,653	139,323	808,520	734,220	10.1
South Africa, Rep of	164,146	161,915	217,242	527,874	494,910	6.7
Total	13,714,471	13,358,022	11,910,143	38,786,083	35,337,161	9.8

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 1994.

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

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$37.98	\$36.71	\$35.35	\$37.44	\$35.24	6.2
Canada ¹	37.72	35.98	35.13	36.86	34.64	6.4
Mexico	44.31	48.08	44.97	45.83	44.43	3.2
South America Total	44.71	43.01	42.19	43.50	42.17	3.2
Argentina	-	44.84	42.47	43.26	42.72	1.2
Brazil	44.71	42.89	42.17	43.51	42.12	3.3
Europe Total	46.62	45.35	43.85	45.53	44.71	1.8
Belgium & Luxembourg	47.26	45.48	44.99	45.78	45.16	1.4
Bulgaria	44.15	44.77	41.63	43.77	42.02	4.2
Finland	45.06	39.74	42.10	42.42	42.25	.4
France	45.61	44.69	44.57	45.02	44.48	1.2
Germany, FR	47.72	47.72	-	46.27	45.64	1.4
Italy	47.38	45.79	44.58	46.21	45.26	2.1
Netherlands	47.58	45.94	45.34	46.16	45.48	1.5
Romania	42.49	44.56	32.39	43.51	32.39	34.3
Spain	49.18	47.02	45.78	47.53	46.62	2.0
Sweden	48.24	48.80	45.47	47.15	45.54	3.5
Turkey	45.12	42.38	41.00	42.88	41.56	3.2
United Kingdom	47.90	46.66	45.07	46.40	45.10	2.9
Asia Total	44.22	42.01	39.76	42.00	41.67	.8
China (Taiwan)	44.60	-	42.78	43.45	42.71	1.7
Israel	40.91	-	-	40.91	-	-
Japan	43.27	41.16	38.56	40.85	40.89	-.1
Korea, Republic of	47.41	45.23	43.90	45.62	44.14	3.4
Africa Total	48.05	45.42	43.95	46.49	43.54	6.8
Algeria	48.03	-	42.81	47.16	43.14	9.3
Egypt	46.13	46.13	42.45	46.17	42.15	9.6
South Africa, Rep of	49.00	45.10	45.53	46.52	45.84	1.5
Total	44.78	43.31	41.87	43.76	42.94	1.9
U.S. Total²	45.15	43.69	41.89	44.05	42.97	2.5

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

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 22. Coal Exports by Customs District
(Short Tons)

Customs District	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
Eastern Total	12,658,358	13,589,680	11,011,272	39,423,992	31,778,488	24.1
Baltimore, MD	1,348,157	2,403,895	2,382,427	6,994,558	5,503,166	27.1
Portland, ME	57,099	130	241	57,273	586	(¹)
Buffalo, NY	518,798	358,863	63,671	910,389	76,293	(¹)
New York City, NY	226	69,216	216	86,939	622	(¹)
Ogdensburg, NY	77,468	41,969	150,698	119,908	295,418	-59.4
Philadelphia, PA	143,342	85,820	835	231,363	2,423	(¹)
Norfolk, VA	10,513,246	10,629,787	8,413,155	31,023,511	25,899,873	19.8
St. Albans, VT	22	-	29	51	107	-52.3
Southern Total	5,218,100	5,154,081	4,187,687	14,640,637	12,039,962	21.6
Mobile, AL	1,969,728	2,578,710	847,240	6,115,574	3,752,770	63.0
Savannah, GA	1,114	1,084	681	3,825	681	461.7
Miami, FL	20	44	1,084	189	2,168	-91.3
Tampa, FL	560	-	-	1,102	151	(¹)
New Orleans, LA	2,968,421	2,486,755	2,981,303	7,987,188	7,591,595	5.2
San Juan, PR	22	22	22	85	580	-85.3
Charleston, SC	168,626	34,701	330,764	305,699	604,472	-49.4
El Paso, TX	427	-	-	427	-	-
Houston-Galveston, TX	25,869	25,979	23,293	112,067	69,320	61.7
Laredo, TX	83,313	26,786	3,300	114,481	18,225	(¹)
Western Total	1,513,145	1,360,255	937,297	4,133,105	2,659,047	55.4
Anchorage, AK	188,873	268,392	81,077	591,237	563,296	5.0
Los Angeles, CA	1,296,801	1,054,802	831,728	3,440,147	2,009,973	71.2
San Diego, CA	-	-	22	69	607	-88.6
San Francisco, CA	-	374	-	374	961	-61.1
Great Falls, MT	271	-	-	271	621	-56.4
Seattle, WA	27,200	36,687	24,470	101,007	83,589	20.8
Northern Total	2,781,614	3,071,744	3,558,659	6,130,219	6,025,735	1.7
Chicago, IL	-	-	23,500	-	23,500	-
Detroit, MI	463,042	897,880	1,570,478	1,425,472	1,838,633	-22.5
Duluth, MN	122,780	28,022	2,778	210,175	40,597	417.7
Pembina, ND	18	12,956	2,716	18,715	7,863	138.0
Cleveland, OH	2,195,774	2,132,886	1,959,187	4,475,857	4,115,142	8.8
Other Ports	3,295	7,925	8,906	18,153	17,526	3.6
Total	22,174,512	23,183,685	19,703,821	64,346,106	52,520,758	22.5

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

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	174,976	162,059	148,219	429,339	324,533	32.3
Canada ¹	156,938	148,845	131,227	380,865	244,642	55.7
Mexico	15,537	11,786	15,955	43,811	76,734	-42.9
Other ²	2,501	1,428	1,037	4,663	3,157	47.7
South America Total	-	20,633	13,220	61,604	36,504	68.8
Europe Total	11,660	4,761	20,802	18,467	101,715	-81.8
Other ²	11,660	4,761	20,802	18,467	101,715	-81.8
Asia Total	84	-	-	84	-	-
Total	186,720	187,453	182,241	509,531	462,752	10.1

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

² Includes countries with exports less than or equal to 50,000 short tons in 1994.

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

Continent and Country of Origin	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	382,640	377,187	329,728	981,984	869,318	13.0
Canada	382,640	352,510	329,728	957,168	869,230	10.1
Mexico	-	21	-	160	88	81.8
Netherlands Antilles	-	24,656	-	24,656	-	-
South America Total	1,009,060	941,980	1,602,310	3,226,456	3,879,866	-16.8
Colombia	704,176	453,809	1,127,901	1,940,393	2,888,576	-32.8
Venezuela	304,884	488,171	474,409	1,286,063	991,290	29.7
Europe Total	143	-	-	379	-	-
Denmark	-	-	-	236	-	-
United Kingdom	143	-	-	143	-	-
Asia Total	283,661	175,593	365,293	713,018	777,332	-8.3
China (Mainland)	53	-	-	53	111	-52.3
Indonesia	283,608	175,593	342,311	712,939	754,239	-5.5
Japan	-	-	1	26	1	(¹)
Vietnam	-	-	22,981	-	22,981	-
Oceania & Australia Total	49,787	114,713	-	208,184	60,947	241.6
Australia	49,787	72,274	-	165,745	60,947	171.9
New Zealand	-	42,439	-	42,439	-	-
Africa Total	-	-	6,725	-	143,082	-
South Africa, Rep of	-	-	6,725	-	136,378	-
Swaziland	-	-	-	-	6,704	-
Total	1,725,291	1,609,473	2,304,056	5,130,021	5,730,545	-10.5

¹ Changes of 500 percent or more are not shown.

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

Continent and Country of Origin	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$34.48	\$33.67	\$38.41	\$32.79	\$29.45	11.3
Canada	34.48	33.67	38.41	32.79	29.45	11.3
South America Total	31.94	33.97	29.30	32.39	28.36	14.2
Colombia	30.25	31.19	27.14	30.64	27.39	11.9
Venezuela	35.85	36.56	34.43	35.03	31.20	12.3
Europe Total	25.70	-	-	25.70	-	-
United Kingdom	25.70	-	-	25.70	-	-
Asia Total	35.54	41.79	35.27	35.92	35.64	.8
Indonesia	35.54	41.79	34.41	35.92	35.26	1.9
Vietnam	-	-	48.08	-	48.08	-
Oceania & Australia Total	31.37	35.87	-	33.88	29.12	16.3
Australia	31.37	29.68	-	30.66	29.12	5.3
New Zealand	-	46.42	-	46.42	-	-
Africa Total	-	-	-	-	23.30	-
South Africa, Rep of	-	-	-	-	23.30	-
Total¹	33.05	34.94	31.11	33.02	29.42	12.3
U.S. Total²	33.61	36.16	30.92	33.96	29.65	14.5

¹ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 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 26. Coal Imports by Customs District
(Short Tons)

Customs District	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
Eastern Total	395,696	431,000	455,072	1,357,921	1,331,754	2.0
Boston, MA	326,568	250,797	238,792	966,644	821,893	17.6
Baltimore, MD	-	-	-	28,328	88,668	-68.1
Portland, ME	68,985	152,132	188,116	307,171	346,196	-11.3
New York City, NY	143	-	-	379	-	-
Philadelphia, PA	-	28,071	28,164	55,399	50,196	10.4
Norfolk, VA	-	-	-	-	24,801	-
Southern Total	723,303	578,096	1,355,357	2,186,884	3,007,660	-27.3
Mobile, AL	238,391	279,299	310,458	745,324	654,759	13.8
Savannah, GA	-	-	1	-	1	-
Miami, FL	-	26,035	2,457	26,035	7,496	247.3
Tampa, FL	359,459	133,671	681,058	957,330	1,753,233	-45.4
New Orleans, LA	69,815	42,439	165,990	253,222	253,193	*
San Juan, PR	55,638	96,631	28,109	182,816	55,765	227.8
Houston-Galveston, TX	-	-	117,257	-	117,356	-
Laredo, TX	-	21	-	111	88	26.1
Virgin Islands	-	-	50,027	22,046	165,769	-86.7
Western Total	235,778	248,098	168,808	646,895	551,393	17.3
Los Angeles, CA	-	-	-	-	12	-
San Diego, CA	-	-	-	49	-	-
Honolulu, HI	223,652	247,867	163,899	627,973	521,889	20.3
Great Falls, MT	-	231	4,887	645	23,359	-97.2
Seattle, WA	12,126	-	22	18,228	6,133	197.2
Northern Total	370,514	352,279	324,819	938,321	839,738	11.7
Chicago, IL	-	28,318	147,009	34,983	176,778	-80.2
Detroit, MI	182,952	118,735	115,386	301,687	218,240	38.2
Duluth, MN	69,619	63,251	9,782	181,825	32,139	465.7
Pembina, ND	117,943	141,975	52,642	419,826	412,581	1.8
Total	1,725,291	1,609,473	2,304,056	5,130,021	5,730,545	-10.5

* Rounded to zero.

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

Continent and Country of Origin	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	14,352	18,802	7,427	54,583	26,250	107.9
Canada	14,352	18,802	7,427	54,583	26,250	107.9
Europe Total	-	-	84,853	42,166	249,861	-83.1
Poland	-	-	84,853	42,166	209,723	-79.9
United Kingdom	-	-	-	-	40,138	-
Asia Total	367,560	428,023	284,987	1,177,439	853,077	38.0
China (Mainland)	78,489	169,097	96,696	376,836	96,696	289.7
Japan	289,071	258,926	169,777	800,603	737,867	8.5
Korea, Republic of	-	-	18,514	-	18,514	-
Oceania & Australia Total	-	-	19	-	19	-
Australia	-	-	19	-	19	-
Africa Total	-	-	-	38,952	19,324	101.6
South Africa, Rep of	-	-	-	-	19,324	-
Zimbabwe	-	-	-	38,952	-	-
Total	381,912	446,825	377,286	1,313,140	1,148,531	14.3

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

Glowing coke, for use at a steel plant, is carried in a quenching car to a quenching tower for cooling.

Figure 8. Quarterly U.S. Coal Receipts, 1987-1995

Note: Each increment represents end-of-quarter data.
 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;" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report-Manufacturing Plants" and Form EIA-6, "Coal Distribution Report"; Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 28. U.S. Coal Receipts by End-Use Sector, 1987-1995
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Total
1987 January - March	167,444	7,317	17,487	1,809	194,057
April - June	172,691	10,386	17,680	1,254	202,011
July - September	188,743	9,466	19,108	1,613	218,930
October - December	192,421	10,575	20,931	2,238	226,165
Total	721,298	37,744	75,207	6,914	841,163
1988 January - March	174,518	10,462	18,203	2,004	205,187
April - June	173,393	10,299	17,468	1,406	202,565
July - September	190,788	9,627	18,186	1,725	220,327
October - December	189,077	10,727	18,799	1,994	220,598
Total	727,775	41,115	72,656	7,130	848,676
1989 January - March	182,295	10,984	17,794	1,837	212,910
April - June	188,144	10,293	18,169	1,143	217,748
July - September	190,115	10,469	18,761	1,264	220,609
October - December	192,663	9,274	19,939	1,924	223,800
Total	753,217	41,019	74,663	6,167	875,067
1990 January - March	197,469	11,091	19,194	1,920	229,674
April - June	192,496	10,286	18,435	1,265	222,482
July - September	199,714	9,234	19,355	1,443	229,745
October - December	196,949	10,125	20,472	2,096	229,642
Total	786,627	40,736	77,455	6,724	911,543
1991 January - March	188,963	8,066	16,847	2,008	215,885
April - June	186,026	8,073	15,800	1,055	210,953
July - September	200,172	8,195	18,385	1,132	227,884
October - December	194,762	8,757	20,377	1,899	225,795
Total	769,923	33,090	71,410	6,094	880,517
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	18,082	1,354	217,588
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	239,998
Total	831,929	31,719	74,893	6,013	944,553
1995 January - March	204,797	8,261	17,802	1,638	232,497
April - June	199,151	8,192	17,036	1,032	225,411
July - September	211,899	8,135	17,011	1,061	238,105
Total	615,846	24,588	51,849	3,731	696,013

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" and Form EIA-6, "Coal Distribution Report" and • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Figure 9. Quarterly Average Price of U.S. Coal Receipts, 1987-1995

Note: Each increment represents end-of-quarter data.
 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-6, "Coke Plant Report - Quarterly;" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 29. Average Price of U.S. Coal Receipts by End-Use Sector, 1987-1995
(Dollars per Short Ton)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial ¹
1987 January - March	\$32.08	\$46.60	\$33.92
April - June	32.74	46.24	33.94
July - September	31.47	46.51	33.23
October - December	31.15	46.85	33.75
Average Annual Price	31.83	46.55	33.71
1988 January - March	31.08	47.02	33.91
April - June	31.09	48.04	32.73
July - September	30.28	48.13	33.44
October - December	30.20	47.66	33.59
Average Annual Price	30.64	47.70	33.43
1989 January - March	30.11	47.36	33.19
April - June	30.30	47.23	32.68
July - September	30.00	48.10	32.61
October - December	30.17	47.28	33.61
Average Annual Price	30.15	47.50	33.03
1990 January - March	30.61	47.40	33.33
April - June	30.89	47.65	33.73
July - September	30.16	47.76	33.00
October - December	30.16	48.15	34.30
Average Annual Price	30.45	47.73	33.59
1991 January - March	30.23	48.12	34.24
April - June	30.77	49.44	33.76
July - September	29.61	48.96	32.89
October - December	29.53	49.00	33.26
Average Annual Price	30.02	48.88	33.54
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	27.34	47.19	32.46
April - June	27.45	47.57	32.47
July - September	26.80	47.02	32.25

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 2 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 30. Coal Receipts by Census Division and State
(Thousand Short Tons)

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	1,753	1,659	1,695	5,028	5,082	-0.7
Connecticut	223	193	280	610	748	-18.5
Maine	70	78	109	223	299	-25.2
Massachusetts	1,165	1,039	901	3,161	3,062	3.3
New Hampshire	292	348	402	1,029	948	8.6
Rhode Island	1	-	1	1	2	-31.8
Vermont	1	*	2	2	3	-42.9
Middle Atlantic Total	16,343	16,754	16,363	49,748	51,113	-2.7
New Jersey	546	583	362	1,523	1,665	-8.5
New York	2,504	2,566	2,811	7,757	8,321	-6.8
Pennsylvania	13,293	13,604	13,190	40,468	41,128	-1.6
East North Central Total	53,344	54,109	55,988	157,667	161,877	-2.6
Illinois	9,946	9,407	9,765	29,313	30,263	-3.1
Indiana	14,540	14,821	15,567	44,858	47,356	-5.3
Michigan	9,755	10,218	10,498	25,241	25,794	-2.1
Ohio	12,936	13,527	14,492	40,793	42,347	-3.7
Wisconsin	6,168	6,136	5,666	17,463	16,117	8.3
West North Central Total	34,309	31,226	32,771	99,649	94,545	5.4
Iowa	5,420	5,522	5,662	16,246	14,811	9.7
Kansas	4,491	4,719	4,480	13,334	13,480	-1.1
Minnesota	4,674	4,142	4,677	13,855	14,235	-2.7
Missouri	8,643	7,480	7,153	24,279	20,894	16.2
Nebraska	2,472	2,446	2,575	7,907	6,811	16.1
North Dakota	8,076	6,382	7,643	22,256	22,262	*
South Dakota	533	536	582	1,772	2,051	-13.6
South Atlantic Total	37,617	35,983	38,983	110,371	117,119	-5.8
Delaware	535	406	567	1,405	1,809	-22.4
District of Columbia	2	-	3	2	32	-92.9
Florida	6,457	6,058	6,845	18,965	19,764	-4.0
Georgia	7,795	7,447	7,715	22,656	23,510	-3.6
Maryland	2,649	2,653	2,465	7,738	7,458	3.8
North Carolina	5,702	5,398	5,961	16,490	18,421	-10.5
South Carolina	3,028	2,681	3,519	8,739	9,920	-11.9
Virginia	3,284	2,975	3,462	9,286	10,278	-9.7
West Virginia	8,166	7,672	8,444	25,090	25,926	-3.2
East South Central Total	27,526	25,061	26,586	78,716	76,606	2.8
Alabama	9,051	7,987	8,466	24,880	24,560	1.3
Kentucky	10,966	9,675	9,856	30,999	29,520	5.0
Mississippi	1,240	1,043	1,276	3,582	3,312	8.2
Tennessee	6,269	6,356	6,989	19,254	19,214	.2
West South Central Total	37,339	34,272	35,405	106,586	105,122	1.4
Arkansas	3,872	3,445	3,392	10,661	9,332	14.2
Louisiana	3,724	3,618	4,146	10,717	10,663	.5
Oklahoma	5,462	5,235	4,178	15,970	13,660	16.9
Texas	24,281	21,974	23,688	69,238	71,467	-3.1
Mountain Total	27,490	24,922	29,906	80,940	84,331	-4.0
Arizona	4,476	3,910	5,225	12,820	14,202	-9.7
Colorado	4,217	4,204	4,370	12,953	12,994	-.3
Idaho	128	92	122	367	425	-13.8
Montana	2,684	1,723	2,748	7,410	7,758	-4.5
Nevada	1,953	1,954	2,027	5,615	5,697	-1.4
New Mexico	4,209	3,204	4,224	11,031	11,344	-2.8
Utah	3,713	4,137	4,029	11,844	12,071	-1.9
Wyoming	6,110	5,699	7,161	18,902	19,840	-4.7
Pacific Total	2,383	2,118	2,945	7,308	8,782	-16.8
Alaska	84	104	118	341	346	-1.7
California	662	553	758	1,879	1,895	-.8
Hawaii	-	69	-	84	61	38.3
Oregon	280	8	631	869	1,752	-50.4
Washington	1,356	1,384	1,438	4,136	4,728	-12.5
U.S. Total	238,105	225,411	240,642	696,013	704,558	-1.2

* Rounded to zero.

Notes: Total may not equal sum of components because of independent rounding. See Technical Note 1 in Appendix C for differences between distribution and receipts.

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"; and Form EIA-6, "Coal Distribution Report."

Table 31. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State

Census Division and State	July-September 1995		July-September 1994		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1995		1994		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	1,659	168	1,521	165	4,750	170	4,648	166	2.2	2.4
Connecticut	222	189	249	181	607	188	713	176	-14.9	6.8
Massachusetts	1,149	166	873	167	3,120	169	2,993	167	4.2	1.2
New Hampshire	288	161	399	151	1,023	160	943	153	8.5	4.7
Mid Atlantic	12,045	138	11,773	144	35,944	139	37,017	146	-2.9	-4.8
New Jersey	543	177	358	174	1,511	177	1,608	182	-6.1	-2.3
New York	1,838	141	2,039	144	5,698	141	6,162	146	-7.5	-3.6
Pennsylvania	9,664	136	9,375	143	28,735	137	29,247	144	-1.8	-5.2
East North Central	46,243	139	48,486	141	136,230	139	139,427	141	-2.3	-1.4
Illinois	8,522	160	8,200	161	24,970	165	25,268	163	-1.2	1.8
Indiana	12,034	125	13,302	125	37,365	126	40,213	128	-7.1	-1.4
Michigan	8,575	145	9,179	151	22,178	146	22,489	151	-1.4	-3.7
Ohio	11,560	144	12,790	145	35,796	142	36,870	143	-2.9	-1.0
Wisconsin	5,552	114	5,016	123	15,922	114	14,586	121	9.2	-5.5
West North Central	30,457	95	29,322	99	89,254	97	84,343	100	5.8	-3.3
Iowa	4,611	97	4,875	102	14,153	99	12,589	101	12.4	-1.6
Kansas	4,457	105	4,428	101	13,232	104	13,354	102	-9	1.4
Minnesota	4,307	113	4,232	116	12,675	117	13,083	117	-3.1	-1
Missouri	8,386	98	6,876	112	23,428	100	19,947	112	17.5	-10.9
Nebraska	2,406	75	2,482	76	7,717	75	6,540	78	18.0	-3.9
North Dakota	5,835	72	5,977	70	16,562	73	17,135	70	-3.3	4.5
South Dakota	455	100	452	105	1,487	106	1,695	109	-12.3	-2.8
South Atlantic	33,889	155	34,488	160	98,240	156	103,817	161	-5.4	-2.7
Delaware	477	159	520	160	1,272	162	1,661	163	-23.4	-3
Florida	6,266	178	6,511	178	18,163	180	18,775	177	-3.3	1.4
Georgia	7,412	165	7,217	169	21,227	167	22,085	169	-3.9	-1.1
Maryland	2,437	149	2,270	153	7,113	150	6,902	156	3.1	-3.8
North Carolina	5,079	161	5,313	167	14,496	165	16,424	168	-11.7	-2.0
South Carolina	2,521	148	2,963	157	7,202	152	8,095	156	-11.0	-2.6
Virginia	2,371	146	2,394	146	6,450	145	7,215	145	-10.6	-3
West Virginia	7,326	128	7,300	138	22,315	128	22,659	141	-1.5	-9.2
East South Central	24,423	127	23,230	136	69,061	128	66,286	137	4.2	-6.6
Alabama	7,791	155	7,034	165	20,844	157	20,300	169	2.7	-7.4
Kentucky	9,910	108	9,088	116	28,274	112	26,799	117	5.5	-4.8
Mississippi	1,156	156	1,207	162	3,372	154	3,104	161	8.6	-4.0
Tennessee	5,566	114	5,901	125	16,572	116	16,083	126	3.0	-7.7
West South Central	35,796	131	33,832	134	101,803	135	100,457	135	1.3	*
Arkansas	3,794	163	3,307	155	10,408	163	9,076	162	14.7	.3
Louisiana	3,674	155	3,995	154	10,371	155	10,218	154	1.5	.6
Oklahoma	5,056	102	3,976	103	14,919	100	13,091	103	14.0	-2.7
Texas	23,271	128	22,553	133	66,106	136	68,072	135	-2.9	.6
Mountain	25,854	110	28,221	114	75,849	111	79,192	114	-4.2	-1.9
Arizona	4,325	138	5,030	138	12,323	138	13,655	139	-9.8	-7
Colorado	4,008	106	4,158	103	12,412	105	12,355	105	.5	-3
Montana	2,535	66	2,641	69	7,000	66	7,365	70	-5.0	-5.9
Nevada	1,889	125	1,976	155	5,405	131	5,546	148	-2.5	-11.8
New Mexico	4,191	134	4,205	136	10,971	145	11,289	141	-2.8	2.7
Utah	3,168	104	3,505	120	10,285	112	10,604	116	-3.0	-3.9
Wyoming	5,739	87	6,705	83	17,453	83	18,377	81	-5.0	1.3
Pacific	1,533	128	1,976	132	4,715	138	6,218	129	-24.2	6.8
Oregon	257	100	600	110	788	108	1,692	106	-53.4	1.8
Washington	1,276	134	1,376	143	3,927	144	4,526	138	-13.2	4.5
U.S. Total	211,899	131	212,849	136	615,846	133	621,406	137	-9	-2.9

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

Census Division and State	July-September 1995		July-September 1994		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1995		1994		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	1,449	168	1,241	165	3,783	170	3,987	165	-5.1	2.8
Connecticut	222	189	249	181	607	188	713	176	-14.9	6.8
Massachusetts	1,021	165	592	168	2,461	169	2,382	167	3.3	1.4
New Hampshire	206	158	399	151	716	157	892	152	-19.8	3.0
Mid Atlantic	8,710	147	7,472	152	25,497	148	24,913	153	2.3	-3.0
New Jersey	519	177	354	174	1,477	177	1,418	180	4.1	-1.6
New York	1,596	141	805	150	4,372	142	3,085	147	41.7	-3.3
Pennsylvania	6,595	147	6,314	151	19,647	147	20,409	152	-3.7	-2.9
East North Central	37,813	145	33,851	152	106,840	146	96,171	152	11.1	-3.6
Illinois	7,492	165	6,833	168	21,486	171	20,663	169	4.0	1.2
Indiana	9,947	129	8,486	135	29,931	131	24,806	136	20.7	-3.7
Michigan	7,624	147	7,265	153	18,860	149	17,450	153	8.1	-3.1
Ohio	9,703	151	8,448	163	27,687	150	24,505	160	13.0	-5.9
Wisconsin	3,046	114	2,818	126	8,875	117	8,748	124	1.5	-6.2
West North Central	25,135	98	23,875	102	75,974	99	69,231	103	9.7	-3.8
Iowa	2,551	110	3,258	108	10,007	104	7,415	109	34.9	-4.4
Kansas	3,553	113	2,967	110	9,743	115	9,322	111	4.5	3.4
Minnesota	4,196	113	3,604	116	12,186	117	12,111	117	.6	-.4
Missouri	7,103	98	6,032	114	20,637	100	17,400	114	18.6	-12.2
Nebraska	1,442	78	1,585	79	5,352	77	4,442	82	20.5	-5.8
North Dakota	5,835	72	5,977	70	16,562	73	16,846	71	-1.7	3.7
South Dakota	455	100	452	105	1,487	106	1,695	109	-12.3	-2.8
South Atlantic	23,864	161	25,473	167	73,107	163	76,994	167	-5.0	-2.6
Delaware	344	163	461	161	984	166	1,363	163	-27.8	1.9
Florida	4,440	190	4,864	188	13,264	191	13,701	186	-3.2	2.6
Georgia	3,802	177	4,486	176	12,028	178	14,775	175	-18.6	1.7
Maryland	1,625	151	1,855	154	5,067	152	5,222	157	-3.0	-3.1
North Carolina	4,140	165	4,409	172	13,070	168	12,827	175	1.9	-3.8
South Carolina	2,002	150	2,408	159	6,345	153	6,857	157	-7.5	-2.3
Virginia	1,818	147	1,623	144	5,257	145	5,007	144	5.0	.5
West Virginia	5,693	137	5,366	152	17,091	138	17,243	154	-.9	-10.3
East South Central	17,373	133	15,161	144	50,439	134	45,368	144	11.2	-6.8
Alabama	5,195	170	4,471	182	14,826	170	14,041	185	5.6	-8.2
Kentucky	7,190	110	5,481	119	20,488	114	17,341	119	18.1	-4.4
Mississippi	1,032	159	1,095	164	2,994	158	2,827	162	5.9	-2.5
Tennessee	3,955	117	4,114	127	12,130	119	11,159	127	8.7	-6.2
West South Central	32,999	134	30,823	136	93,012	138	91,688	138	1.4	.2
Arkansas	3,692	164	3,135	157	10,115	164	8,549	164	18.3	-.4
Louisiana	3,674	155	3,859	153	10,371	155	10,012	154	3.6	.8
Oklahoma	3,187	115	1,868	109	8,747	110	7,075	113	23.6	-3.3
Texas	22,446	127	21,960	132	63,780	135	66,053	134	-3.4	.6
Mountain	24,218	112	25,914	116	70,636	113	72,143	116	-2.1	-2.6
Arizona	3,714	142	4,465	141	10,488	142	11,484	143	-8.7	-.9
Colorado	3,784	108	3,668	106	11,552	107	10,970	108	5.3	-1.3
Montana	2,535	66	2,585	69	7,000	66	7,309	70	-4.2	-5.9
Nevada	1,889	125	1,939	155	5,405	131	5,462	148	-1.0	-12.0
New Mexico	4,191	134	4,205	136	10,971	145	11,289	141	-2.8	2.7
Utah	3,017	106	3,356	123	9,843	114	10,094	119	-2.5	-4.0
Wyoming	5,088	90	5,696	86	15,378	84	15,535	84	-1.0	.1
Pacific	1,264	134	963	152	3,360	148	3,358	143	.1	3.1
Washington	1,264	134	963	152	3,360	148	3,358	143	.1	3.1
U.S. Total	172,825	135	164,772	140	502,648	137	483,854	141	3.9	-3.2

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

Census Division and State	July-September 1995		July-September 1994		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1995		1994		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	209	170	281	166	966	169	661	169	46.1	0.2
Massachusetts	128	171	281	166	659	170	611	169	7.9	.4
New Hampshire	81	167	-	-	307	166	50	157	NM	5.7
Mid Atlantic	3,335	114	4,300	130	10,447	117	12,105	133	-13.7	-12.2
New Jersey	24	163	4	185	34	173	190	190	-82.2	-9.1
New York	242	137	1,235	141	1,326	138	3,077	146	-56.9	-5.4
Pennsylvania	3,069	111	3,062	126	9,088	113	8,838	127	2.8	-10.9
East North Central	8,431	114	14,635	117	29,390	116	43,256	119	-32.1	-3.1
Illinois	1,030	124	1,367	125	3,484	133	4,605	134	-24.4	-.9
Indiana	2,087	108	4,816	109	7,434	108	15,407	115	-51.7	-6.1
Michigan	951	130	1,914	143	3,317	130	5,039	145	-34.2	-9.9
Ohio	1,857	111	4,341	111	8,108	113	12,366	111	-34.4	1.9
Wisconsin	2,506	113	2,198	119	7,047	111	5,838	115	20.7	-3.8
West North Central	5,322	81	5,447	89	13,280	83	15,112	86	-12.1	-3.8
Iowa	2,060	80	1,617	92	4,146	87	5,174	89	-19.9	-2.2
Kansas	904	72	1,461	82	3,489	72	4,031	81	-13.4	-12.0
Minnesota	111	122	628	112	489	124	972	116	-49.7	6.8
Missouri	1,283	94	844	96	2,791	95	2,547	95	9.6	.6
Nebraska	964	70	897	70	2,365	70	2,098	69	12.7	.9
North Dakota	-	-	-	-	-	-	289	37	-	-
South Atlantic	10,025	138	9,015	139	25,133	137	26,822	142	-6.3	-3.7
Delaware	133	150	59	147	288	151	299	164	-3.5	-8.0
Florida	1,826	147	1,647	148	4,899	150	5,074	154	-3.5	-2.6
Georgia	3,610	149	2,730	156	9,199	151	7,311	156	25.8	-3.6
Maryland	812	146	415	149	2,046	147	1,680	155	21.8	-5.4
North Carolina	939	142	903	145	1,426	138	3,597	146	-60.4	-5.5
South Carolina	519	140	555	150	857	144	1,237	153	-30.7	-5.5
Virginia	553	141	771	150	1,193	143	2,209	147	-46.0	-2.7
West Virginia	1,633	97	1,934	99	5,225	96	5,416	101	-3.5	-4.8
East South Central	7,050	111	8,068	121	18,623	111	20,918	123	-11.0	-9.4
Alabama	2,596	122	2,563	135	6,018	120	6,259	135	-3.9	-10.5
Kentucky	2,720	103	3,606	110	7,786	106	9,457	114	-17.7	-6.8
Mississippi	124	126	112	140	377	127	277	149	36.3	-14.4
Tennessee	1,610	106	1,787	122	4,442	108	4,925	124	-9.8	-12.5
West South Central	2,796	105	3,010	115	8,791	105	8,769	109	.3	-3.4
Arkansas	102	130	172	123	293	130	527	129	-44.4	.6
Louisiana	-	-	136	166	-	-	207	165	-	-
Oklahoma	1,869	81	2,108	98	6,171	86	6,016	90	2.6	-4.4
Texas	825	151	593	154	2,327	148	2,019	148	15.2	*
Mountain	1,636	87	2,307	86	5,213	89	7,049	88	-26.1	1.5
Arizona	611	116	565	119	1,836	119	2,171	119	-15.5	-.3
Colorado	223	82	491	86	860	87	1,385	86	-37.9	.1
Montana	-	-	56	70	-	-	56	70	-	-
Nevada	-	-	37	117	-	-	84	119	-	-
Utah	151	58	149	59	442	59	510	64	-13.4	-8.4
Wyoming	651	70	1,009	70	2,075	72	2,842	68	-27.0	5.1
Pacific	269	103	1,013	117	1,355	116	2,860	115	-52.6	1.3
Oregon	257	100	600	110	788	108	1,692	106	-53.4	1.8
Washington	12	166	413	126	567	126	1,168	125	-51.5	.6
U.S. Total	39,073	115	48,077	120	113,198	116	137,552	121	-17.7	-4.7

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

MM 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 34. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State
(Dollars per Short Ton)

Census Division and State	July-September 1995	April-June 1995	July-September 1994	Year to Date		
				1995	1994	Percent Change
New England	\$43.03	\$44.13	\$42.72	\$43.59	\$42.79	1.8
Connecticut	49.79	48.99	47.55	49.19	46.01	6.9
Massachusetts	41.96	43.63	42.94	43.04	43.01	.1
New Hampshire	42.08	42.91	39.23	41.92	39.66	5.7
Mid Atlantic	34.41	34.53	36.01	34.70	36.65	-5.3
New Jersey	46.06	47.63	46.32	47.18	48.31	-2.3
New York	36.79	36.26	37.55	36.82	37.91	-2.9
Pennsylvania	33.30	33.41	35.29	33.62	35.74	-5.9
East North Central	29.57	29.65	30.61	29.83	30.66	-2.7
Illinois	31.84	32.52	32.42	33.03	33.19	-.5
Indiana	25.91	26.22	26.40	26.10	26.93	-3.1
Michigan	30.29	31.25	32.48	31.21	33.21	-6.0
Ohio	35.09	33.82	35.15	34.42	34.47	-.1
Wisconsin	21.37	21.73	23.81	21.29	23.03	-7.6
West North Central	16.08	16.68	16.95	16.33	17.03	-4.1
Iowa	17.04	17.70	18.20	17.18	17.70	-2.9
Kansas	18.29	17.65	17.53	18.09	17.78	1.7
Minnesota	20.04	20.76	20.50	20.63	20.72	-.4
Missouri	17.90	18.95	21.92	18.50	21.89	-15.5
Nebraska	12.86	12.92	12.97	12.92	13.36	-3.3
North Dakota	9.53	10.26	9.22	9.68	9.28	4.3
South Dakota	14.30	13.38	12.76	13.62	13.22	3.1
South Atlantic	38.13	38.69	39.56	38.54	39.72	-3.0
Delaware	41.74	42.66	41.50	42.44	42.10	.8
Florida	43.71	44.47	44.03	44.26	43.66	1.4
Georgia	38.22	38.78	39.76	38.75	39.90	-2.9
Maryland	38.87	38.92	39.35	39.01	40.01	-2.5
North Carolina	40.11	40.97	41.32	41.21	41.80	-1.4
South Carolina	38.05	39.81	40.15	39.16	40.00	-2.1
Virginia	37.13	36.84	37.35	36.94	37.10	-.4
West Virginia	31.76	32.04	34.50	31.84	35.24	-9.7
East South Central	30.00	30.36	32.49	30.32	32.83	-7.6
Alabama	36.78	37.07	40.16	37.09	41.06	-9.7
Kentucky	25.05	26.30	26.98	26.01	27.39	-5.0
Mississippi	36.66	36.62	38.66	34.83	37.01	-5.9
Tennessee	27.94	27.61	30.58	28.24	30.68	-7.9
West South Central	20.19	21.31	20.72	20.91	20.85	.3
Arkansas	28.39	28.34	27.13	28.31	28.32	-.1
Louisiana	25.28	24.95	25.28	25.15	25.08	.3
Oklahoma	17.50	16.70	17.66	17.07	17.62	-3.1
Texas	18.63	20.66	19.52	19.95	19.84	.6
Mountain	21.49	22.19	22.14	21.77	22.20	-1.9
Arizona	28.58	28.27	28.58	28.41	28.62	-.7
Colorado	21.02	20.81	20.49	20.83	20.88	-.2
Montana	11.24	11.20	11.76	11.20	11.90	-5.9
Nevada	27.76	29.28	34.03	29.44	33.45	-12.0
New Mexico	24.31	27.84	24.68	26.23	25.65	2.3
Utah	24.11	25.97	27.35	25.80	26.71	-3.4
Wyoming	15.42	13.71	14.59	14.44	14.31	.9
Pacific	21.12	22.95	23.00	23.13	22.12	4.5
Oregon	17.50	-	19.96	19.33	18.93	2.2
Washington	21.85	22.95	24.32	23.89	23.32	2.4
U.S. Total	26.80	27.45	28.00	27.19	28.25	-3.8

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 35. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-September 1995

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	4,973	201	5,859	168	780	138	11,611	180	0.91	-3.2	-6.8	-2.2
Arizona	8,965	111	-	-	-	-	8,965	111	.48	5.6	-1.4	2.4
Colorado	16,383	133	288	76	-	-	16,671	132	.40	2.7	-3.3	-5.0
Illinois	-	-	11,945	146	19,691	137	31,635	140	2.08	-14.6	-2.2	-8.0
Indiana	1,062	144	5,097	124	9,297	113	15,456	119	2.09	-16.9	-3.5	-4.8
Kansas	-	-	-	-	257	129	257	129	2.83	-5.2	.3	-2.0
Kentucky	15,292	161	51,800	152	22,707	114	89,798	144	1.29	-5.6	-2.4	-4.0
Louisiana	-	-	849	129	1,734	136	2,583	134	1.74	-.7	-.2	51.3
Maryland	18	166	2,401	140	19	96	2,438	140	1.19	13.0	-3.9	-8.1
Missouri	-	-	-	-	146	114	146	114	3.36	-49.9	4.0	-7.7
Montana	11,760	166	14,133	93	-	-	25,893	128	.60	-7.4	-3.1	2.8
New Mexico	6,167	163	13,193	148	-	-	19,360	153	.71	-6.4	1.0	1.1
North Dakota	-	-	16,267	75	1,657	87	17,925	76	1.15	-4.8	3.2	-3.1
Ohio	70	180	366	123	15,317	139	15,753	138	2.96	-22.9	-4.6	.5
Oklahoma	8	147	5	127	78	102	90	107	2.27	17.1	5.8	-18.8
Pennsylvania	1,000	160	22,371	138	8,294	114	31,665	133	1.40	-4.2	-4.1	-5.0
Tennessee	30	123	1,192	137	9	116	1,232	137	.86	3.9	-1.3	-14.7
Texas	-	-	17,689	107	18,939	101	36,628	104	1.75	-2.4	-.3	5.8
Utah	13,342	116	37	113	-	-	13,379	116	.39	10.0	2.0	-4.1
Virginia	3,453	163	7,603	154	209	128	11,265	157	.79	-10.5	-2.2	-3.2
Washington	-	-	3,360	148	-	-	3,360	148	.90	*	3.1	-2.2
West Virginia	25,279	159	25,067	142	16,621	126	66,968	144	1.18	-2.6	-4.8	-1.6
Wyoming	179,308	121	10,214	104	-	-	189,522	120	.40	12.8	-.8	-2.8
Imported	2,217	158	1,029	209	-	-	3,246	174	.57	-17.9	14.2	6.5
Total	289,326	134	210,764	137	115,755	123	615,846	133	1.05	-.9	-2.9	-7.5

* 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 36. Destination of Coal Received at Electric Utility Plants by Origin,
January-September 1995, 1994**

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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Alabama	20,844	20,300	71.1	69.2	1.01	1.08	157	169
Alabama	11,555	11,993	96.5	85.1	.91	.93	180	193
Colorado	10	147	-	-	.34	.50	127	129
Illinois	646	779	3.9	77.2	1.96	1.87	106	127
Kentucky	3,724	4,491	47.8	36.8	1.50	1.53	127	131
Ohio	-	84	-	-	-	3.21	-	123
Pennsylvania	18	28	-	-	1.20	1.55	119	122
Tennessee	459	390	95.5	76.4	.69	.67	132	127
Utah	-	88	-	-	-	.58	-	129
Virginia	-	137	-	-	-	1.04	-	161
West Virginia	2,090	2,164	68.2	59.1	.97	.74	133	145
Wyoming	2,342	-	-	-	.38	-	114	-
Arizona	12,323	13,655	85.1	84.1	.51	.50	138	139
Arizona	5,327	5,472	100.0	100.0	.48	.48	108	106
Colorado	-	40	-	-	-	.40	-	97
New Mexico	6,996	8,143	73.8	73.8	.53	.52	164	165
Arkansas	10,408	9,076	97.2	94.2	.38	.37	163	162
Wyoming	10,408	9,076	97.2	94.2	.38	.37	163	162
Colorado	12,412	12,355	93.1	88.8	.40	.41	105	105
Colorado	8,344	8,275	89.7	83.4	.41	.42	112	110
Montana	-	9	-	-	-	.43	-	76
Wyoming	4,067	4,072	100.0	100.0	.37	.37	88	94
Connecticut	607	713	100.0	100.0	.43	.41	188	176
Kentucky	607	659	100.0	100.0	.43	.41	188	176
West Virginia	-	54	-	100.0	-	.48	-	174
Delaware	1,272	1,661	77.3	82.0	.75	.71	162	163
Kentucky	-	29	-	-	-	.46	-	179
Maryland	141	93	84.1	-	1.07	1.03	148	150
Pennsylvania	250	186	11.8	72.3	1.09	1.02	149	161
Virginia	7	85	-	24.8	1.12	.61	149	175
West Virginia	874	1,245	95.7	96.9	.59	.65	169	163
Imported coal Colombia	-	22	-	-	-	.47	-	168
Florida	18,163	18,775	73.0	73.0	1.20	1.33	180	177
Alabama	-	2	-	-	-	2.34	-	204
Colorado	567	215	100.0	47.4	.33	.35	185	157
Illinois	4,563	4,204	59.3	53.9	1.89	2.31	180	174
Kentucky	9,348	9,328	72.4	86.8	1.13	1.20	178	185
Pennsylvania	-	44	-	-	-	1.80	-	133
Tennessee	111	202	100.0	100.0	.90	.92	229	209
Virginia	456	623	100.0	100.0	.56	.58	214	214
West Virginia	1,105	1,744	80.1	64.2	.88	1.19	178	174
Wyoming	-	58	-	100.0	-	.27	-	128
Imported coal Colombia	998	2,021	97.3	56.4	.57	.57	151	141
Imported coal Indonesia	284	-	24.6	-	.34	-	142	-
Imported coal South Africa	-	127	-	-	-	.57	-	181
Imported coal Venezuela	731	207	100.0	47.8	.75	.72	232	192
Georgia	21,227	22,085	56.7	66.9	.70	.95	167	169
Alabama	57	-	-	-	1.54	-	132	-
Colorado	-	11	-	-	-	.33	-	166
Illinois	422	2,395	-	95.9	.92	2.32	160	170
Indiana	-	19	-	-	-	3.05	-	134
Kentucky	11,256	10,977	80.2	81.0	.79	.90	165	163
Ohio	-	37	-	-	-	3.54	-	163
Tennessee	27	-	-	-	.99	-	158	-
Virginia	1,646	2,014	73.3	92.9	.78	.94	165	181
West Virginia	2,761	3,323	65.2	51.6	.55	.57	197	194
Wyoming	5,058	3,298	-	-	.44	.39	152	150
Imported coal Colombia	-	12	-	-	-	.61	-	214
Illinois	24,970	25,268	86.0	81.8	1.14	1.49	165	163
Colorado	1,197	1,165	41.1	28.6	.39	.46	136	137
Illinois	8,787	11,268	93.2	91.1	2.37	2.62	135	136
Indiana	838	904	64.7	53.9	.76	1.32	151	146
Kentucky	745	1,036	88.0	78.3	.50	.69	165	160
Montana	1,695	3,181	98.6	72.8	.39	.38	261	223
Ohio	-	35	-	-	-	2.70	-	178
Utah	1,259	19	21.9	-	.37	.32	139	154
West Virginia	-	243	-	14.9	-	.53	-	167
Wyoming	10,450	7,417	92.4	86.4	.34	.34	190	192

See footnotes at end of table.

**Table 36. Destination of Coal Received at Electric Utility Plants by Origin,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Indiana	37,365	40,213	80.1	61.7	1.53	1.70	126	128
Colorado	-	396	-	89.0	-	.34	-	151
Illinois	8,184	7,845	81.5	66.7	2.20	2.16	140	143
Indiana	12,453	14,914	63.1	60.7	2.12	2.21	119	122
Kentucky	648	2,472	94.4	68.6	1.25	2.55	137	114
Montana	604	617	100.0	91.2	.39	.39	265	244
Ohio	740	217	6.5	-	3.44	3.35	100	119
Pennsylvania	342	312	100.0	-	1.82	1.76	102	119
Utah	-	168	-	-	-	.37	-	169
Virginia	773	-	100.0	-	.54	-	149	-
West Virginia	423	1,643	84.7	30.7	.61	1.54	166	132
Wyoming	13,197	11,628	96.0	63.6	.36	.38	114	119
Iowa	14,153	12,589	70.7	58.9	.56	.66	99	101
Colorado	261	-	100.0	-	.51	-	127	-
Illinois	571	890	56.4	66.4	2.06	2.17	113	130
Indiana	87	272	100.0	71.0	2.60	1.85	124	134
Kentucky	-	84	-	84.3	-	2.36	-	118
Wyoming	13,234	11,343	70.6	57.8	.46	.44	97	96
Kansas	13,232	13,354	73.6	69.8	.50	.56	104	102
Colorado	992	839	100.0	100.0	.33	.39	119	116
Illinois	138	206	93.1	70.3	2.02	2.22	339	179
Kansas	69	61	100.0	100.0	2.38	2.49	127	123
Missouri	141	275	-	-	3.33	3.63	116	112
Wyoming	11,892	11,973	71.9	69.1	.43	.43	98	99
Kentucky	28,274	26,799	72.5	64.7	2.01	2.00	112	117
Colorado	1,350	849	74.0	-	.43	.51	120	123
Illinois	213	337	10.3	-	3.22	2.57	94	110
Indiana	1,927	1,631	80.4	71.4	2.44	2.58	103	100
Kentucky	20,211	20,205	73.2	71.2	2.31	2.19	111	118
Ohio	325	399	39.3	23.2	3.27	2.94	97	104
Pennsylvania	380	450	-	-	1.62	1.70	102	110
Tennessee	9	101	-	-	1.99	1.89	116	116
Utah	674	250	92.6	-	.42	.52	117	123
Virginia	-	35	-	-	-	.67	-	175
West Virginia	3,186	2,542	74.1	67.1	.86	.72	117	120
Louisiana	10,371	10,218	100.0	98.0	.73	.61	155	154
Colorado	-	37	-	-	-	.38	-	156
Louisiana	2,583	2,602	100.0	100.0	1.74	1.15	134	134
Wyoming	7,788	7,410	100.0	100.0	.46	.47	160	159
Imported coal Indonesia	-	169	-	-	-	.11	-	167
Maryland	7,113	6,902	71.2	75.7	.81	.92	150	156
Kentucky	471	534	61.4	74.9	.54	.56	152	159
Maryland	924	698	56.2	82.6	1.10	1.18	158	174
Pennsylvania	1,111	1,364	68.0	88.4	1.03	1.26	151	169
Virginia	292	-	100.0	-	.52	-	180	-
West Virginia	4,315	4,218	74.4	72.1	.74	.83	146	149
Imported coal Colombia	-	88	-	-	-	.53	-	147
Massachusetts	3,120	2,993	76.9	79.6	.56	.72	169	167
Kentucky	335	46	57.6	-	.50	.47	182	203
Pennsylvania	161	302	100.0	73.7	1.04	1.12	158	160
West Virginia	1,665	1,740	72.9	74.0	.55	.76	173	171
Imported coal Colombia	361	135	81.9	100.0	.49	.50	154	165
Imported coal Indonesia	-	8	-	100.0	-	.34	-	195
Imported coal Venezuela ...	598	761	100.0	95.8	.51	.51	165	161
Michigan	22,178	22,489	85.0	77.6	.60	.63	146	151
Colorado	445	96	90.1	-	.46	.46	140	151
Illinois	22	31	-	-	1.00	1.49	145	137
Indiana	118	85	100.0	93.8	1.79	2.25	133	162
Kentucky	3,738	5,360	86.2	69.5	.68	.75	168	167
Montana	6,530	7,212	99.2	87.6	.40	.42	153	149
Ohio	109	123	100.0	100.0	2.58	2.59	173	167
Pennsylvania	1,864	1,049	60.9	86.1	1.14	1.11	138	143
Utah	17	-	-	-	.47	-	142	-
Virginia	76	307	-	40.4	.64	.67	150	178
West Virginia	3,470	4,474	80.6	71.6	.75	.72	155	157
Wyoming	5,788	3,732	79.4	79.7	.31	.34	111	114
Imported coal Canada	-	20	-	-	-	.24	-	150
Minnesota	12,675	13,083	96.1	92.6	.54	.53	117	117
Illinois	14	75	66.9	92.0	1.14	1.11	169	174

See footnotes at end of table.

**Table 36. Destination of Coal Received at Electric Utility Plants by Origin,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Minnesota								
Indiana	-	28	-	-	-	1.38	-	155
Kentucky	2	-	-	-	0.67	.91	209	100
Montana	7,093	6,860	97.4	96.4	.72	.72	119	118
Ohio	-	21	-	-	-	1.24	-	98
Pennsylvania	3	-	-	-	1.88	-	140	-
West Virginia	3	1	-	-	1.88	.76	163	180
Wyoming	5,560	6,097	94.8	89.1	.30	.29	115	115
Mississippi	3,372	3,104	88.8	91.1	.91	.91	154	161
Colorado	963	704	98.8	100.0	.38	.39	161	159
Illinois	957	755	61.8	78.1	1.90	1.97	123	133
Kentucky	611	934	100.0	94.7	.65	.66	209	197
Montana	840	649	100.0	100.0	.39	.42	140	138
West Virginia	-	62	-	-	-	.76	-	152
Missouri	23,428	19,947	88.1	87.2	.63	1.08	100	112
Colorado	395	521	100.0	100.0	.40	.40	160	158
Illinois	3,363	5,336	98.4	95.0	2.00	2.09	136	138
Indiana	-	337	-	97.9	-	2.66	-	125
Kansas	188	210	100.0	100.0	3.01	3.01	130	130
Kentucky	31	824	100.0	98.2	.68	2.54	207	127
Missouri	5	17	-	-	4.29	3.74	78	78
Utah	334	323	100.0	56.2	.34	.38	145	122
West Virginia	-	2	-	-	-	.71	-	226
Wyoming	19,113	12,377	85.7	83.1	.30	.35	88	92
Montana	7,000	7,365	100.0	99.2	.78	.77	66	70
Montana	7,000	7,309	100.0	100.0	.78	.77	66	70
Wyoming	-	56	-	-	-	.33	-	70
Nebraska	7,717	6,540	69.4	67.9	.38	.40	75	78
Colorado	11	-	-	-	.37	-	110	-
Montana	-	2	-	-	.43	.36	103	72
Wyoming	7,705	6,539	69.5	67.9	.38	.40	75	78
Nevada	5,405	5,546	100.0	98.5	.44	.44	131	148
Arizona	3,638	3,016	100.0	100.0	.46	.44	114	123
Colorado	150	211	100.0	100.0	.43	.41	143	228
Utah	1,358	1,483	100.0	94.3	.36	.39	160	160
Wyoming	259	837	100.0	100.0	.52	.53	211	204
New Hampshire	1,023	943	70.0	94.6	1.03	1.12	160	153
Pennsylvania	566	541	100.0	100.0	1.13	1.20	161	157
Virginia	19	-	-	-	.49	-	203	-
West Virginia	209	164	71.5	93.5	1.40	1.73	148	150
Imported coal Colombia	134	163	-	100.0	.48	.49	163	136
Imported coal Indonesia	40	74	-	46.2	.39	.42	174	160
Imported coal Venezuela	54	-	-	-	.53	-	155	-
New Jersey	1,511	1,608	97.8	88.2	.90	.96	177	182
Kentucky	355	196	99.5	95.8	.49	.56	193	200
Pennsylvania	-	2	-	-	-	1.43	-	215
Virginia	495	474	100.0	95.0	.56	.57	172	180
West Virginia	661	914	95.1	85.4	1.39	1.28	174	179
Imported coal Colombia	-	23	-	-	-	.53	-	167
New Mexico	10,971	11,289	100.0	100.0	.88	.89	145	141
New Mexico	10,971	11,289	100.0	100.0	.88	.89	145	141
New York	5,698	6,162	76.7	50.1	1.36	1.30	141	146
Kentucky	617	782	98.3	52.9	.45	.44	198	193
Ohio	-	62	-	-	-	3.30	-	119
Pennsylvania	2,435	3,457	57.4	41.9	1.28	1.34	134	137
West Virginia	2,618	1,862	90.4	65.7	1.66	1.52	133	145
Imported coal Venezuela	28	-	-	-	.42	-	224	-
North Carolina	14,496	16,424	90.2	78.1	.69	.78	165	168
Kentucky	7,316	7,922	85.5	75.3	.70	.81	162	169
Virginia	2,677	3,323	93.2	94.3	.84	.85	164	166
West Virginia	4,503	5,180	96.0	72.0	.58	.67	170	169
North Dakota	16,562	17,135	100.0	98.3	1.12	1.16	73	70
North Dakota	16,562	17,135	100.0	98.3	1.12	1.16	73	70
Ohio	35,796	36,870	77.3	66.5	1.56	1.98	142	143
Illinois	-	1	-	-	-	2.49	-	154
Indiana	14	35	-	-	2.75	2.51	85	112
Kentucky	8,766	7,325	72.4	60.6	.74	.87	147	145
Ohio	12,682	17,266	82.2	71.4	2.92	2.93	144	145
Pennsylvania	1,990	1,895	69.2	34.0	1.25	1.55	121	121

See footnotes at end of table.

**Table 36. Destination of Coal Received at Electric Utility Plants by Origin,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Ohio								
Virginia	74	17	-	-	0.65	0.55	146	136
West Virginia	12,270	10,331	77.7	68.7	.83	1.30	140	143
Oklahoma	14,919	13,091	58.6	54.0	.42	.41	100	103
Oklahoma	90	77	100.0	100.0	2.27	2.80	107	101
Wyoming	14,829	13,014	58.4	53.8	.40	.38	100	103
Oregon	788	1,692	-	-	.37	.41	108	106
Utah	-	100	-	-	-	.33	-	110
Wyoming	788	1,592	-	-	.37	.41	108	106
Pennsylvania	28,735	29,247	68.4	69.8	1.73	1.71	137	144
Kentucky	-	56	-	-	-	.48	-	165
Ohio	933	1,784	83.3	91.7	2.76	2.96	157	168
Pennsylvania	21,492	21,557	58.8	62.5	1.48	1.50	133	139
West Virginia	6,310	5,851	98.6	90.7	2.40	2.14	147	155
South Carolina	7,202	8,095	88.1	84.7	.92	.95	152	156
Kentucky	6,373	7,263	87.4	84.1	.91	.94	152	157
Virginia	793	768	96.7	94.6	1.03	1.02	154	154
West Virginia	36	64	22.3	31.9	.61	.73	151	166
South Dakota	1,487	1,695	100.0	100.0	1.47	1.49	106	109
Montana	124	-	100.0	-	.73	-	102	-
North Dakota	1,363	1,695	100.0	100.0	1.56	1.49	107	109
Tennessee	16,572	16,083	73.2	69.4	1.69	1.65	116	126
Illinois	2,874	2,245	36.5	62.3	1.88	1.67	110	129
Kentucky	12,343	11,681	80.5	74.1	1.71	1.70	117	126
Ohio	-	2	-	-	-	2.01	-	129
Pennsylvania	125	455	41.9	-	1.46	2.11	115	118
Tennessee	626	493	93.9	66.2	.96	1.13	123	123
Utah	-	27	-	-	-	.49	-	129
Virginia	502	916	100.0	84.3	1.31	1.05	126	124
West Virginia	101	264	-	-	1.76	1.44	114	122
Texas	66,106	68,072	96.5	97.0	1.05	1.00	136	135
Colorado	1,255	1,275	44.4	52.9	.37	.39	170	195
Texas	36,628	37,546	100.0	100.0	1.75	1.65	104	105
Wyoming	28,223	29,134	94.2	95.5	.42	.41	164	160
Imported coal Colombia	-	117	-	-	-	.44	-	155
Utah	10,285	10,604	95.7	95.2	.40	.41	112	116
Colorado	669	1,253	100.0	100.0	.44	.44	214	218
Utah	9,617	9,351	95.4	94.5	.40	.41	105	104
Virginia	6,450	7,215	81.5	69.4	.80	.77	145	145
Kentucky	1,932	2,400	76.3	58.8	.91	.90	145	146
Virginia	3,454	3,841	91.5	82.2	.78	.71	142	141
West Virginia	1,064	974	58.3	44.9	.65	.69	152	160
Washington	3,927	4,526	85.6	74.2	.80	.75	144	138
Montana	472	839	-	-	.36	.35	125	124
Utah	77	320	-	-	.29	.36	125	127
Washington	3,360	3,361	100.0	99.9	.90	.92	148	143
Imported coal Canada	18	6	-	-	.47	.49	166	178
West Virginia	22,315	22,659	76.6	76.1	1.59	1.50	128	141
Kentucky	322	438	92.8	100.0	.67	.72	182	182
Maryland	1,373	1,367	92.7	83.7	1.27	1.37	126	130
Ohio	964	395	-	-	3.26	3.33	84	99
Pennsylvania	409	906	-	27.9	1.51	2.08	98	112
West Virginia	19,247	19,553	80.6	78.8	1.55	1.46	130	143
Wisconsin	15,922	14,586	55.7	60.0	.48	.52	114	121
Colorado	61	203	41.1	23.3	.42	.33	149	150
Illinois	880	684	-	-	.88	1.27	137	137
Indiana	18	380	-	98.9	1.27	1.81	136	196
Kentucky	49	79	-	-	.65	.67	168	170
Montana	1,534	1,285	-	65.1	.66	.65	104	144
New Mexico	1,393	1,258	100.0	99.0	.40	.37	158	154
Pennsylvania	516	503	100.0	100.0	1.14	1.16	151	149
Utah	43	32	-	-	.44	.37	154	161
Virginia	-	49	-	-	-	.46	-	162
West Virginia	57	178	-	94.0	.51	.53	153	176
Wyoming	11,369	9,936	61.1	56.1	.38	.36	101	101
Wyoming	17,453	18,377	88.1	84.5	.57	.60	83	81
Wyoming	17,453	18,377	88.1	84.5	.57	.60	83	81
U.S. Total	615,846	621,406	81.6	77.9	1.05	1.14	133	137

* 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 37. Origin of Coal Received at Electric Utility Plants by Destination,
January-September 1995, 1994**

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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Alabama	11,611	11,994	96.1	85.1	0.91	0.93	180	193
Alabama	11,555	11,993	96.5	85.1	.91	.93	180	193
Florida	-	2	-	-	-	2.34	-	204
Georgia	57	-	-	-	1.54	-	132	-
Arizona	8,965	8,488	100.0	100.0	.48	.46	111	112
Arizona	5,327	5,472	100.0	100.0	.48	.48	108	106
Nevada	3,638	3,016	100.0	100.0	.46	.44	114	123
Colorado	16,671	16,238	83.6	73.5	.40	.42	132	136
Alabama	10	147	-	-	.34	.50	127	129
Arizona	-	40	-	-	-	.40	-	97
Colorado	8,344	8,275	89.7	83.4	.41	.42	112	110
Florida	567	215	100.0	47.4	.33	.35	185	157
Georgia	-	11	-	-	-	.33	-	166
Illinois	1,197	1,165	41.1	28.6	.39	.46	136	137
Indiana	-	396	-	89.0	-	.34	-	151
Iowa	261	-	100.0	-	.51	-	127	-
Kansas	992	839	100.0	100.0	.33	.39	119	116
Kentucky	1,350	849	74.0	-	.43	.51	120	123
Louisiana	-	37	-	-	-	.38	-	156
Michigan	445	96	90.1	-	.46	.46	140	151
Mississippi	963	704	98.8	100.0	.38	.39	161	159
Missouri	395	521	100.0	100.0	.40	.40	160	158
Nebraska	11	-	-	-	.37	-	110	-
Nevada	150	211	100.0	100.0	.43	.41	143	228
Texas	1,255	1,275	44.4	52.9	.37	.39	170	195
Utah	669	1,253	100.0	100.0	.44	.44	214	218
Wisconsin	61	203	41.1	23.3	.42	.33	149	150
Illinois	31,635	37,052	72.8	77.0	2.08	2.25	140	144
Alabama	646	779	3.9	77.2	1.96	1.87	106	127
Florida	4,563	4,204	59.3	53.9	1.89	2.31	180	174
Georgia	422	2,395	-	95.9	.92	2.32	160	170
Illinois	8,787	11,268	93.2	91.1	2.37	2.62	135	136
Indiana	8,184	7,845	81.5	66.7	2.20	2.16	140	143
Iowa	571	890	56.4	66.4	2.06	2.17	113	130
Kansas	138	206	93.1	70.3	2.02	2.22	339	179
Kentucky	213	337	10.3	-	3.22	2.57	94	110
Michigan	22	31	-	-	1.00	1.49	145	137
Minnesota	14	75	66.9	92.0	1.14	1.11	169	174
Mississippi	957	755	61.8	78.1	1.90	1.97	123	133
Missouri	3,363	5,336	98.4	95.0	2.00	2.09	136	138
Ohio	-	1	-	-	-	2.49	-	154
Tennessee	2,874	2,245	36.5	62.3	1.88	1.67	110	129
Wisconsin	880	684	-	-	.88	1.27	137	137
Indiana	15,456	18,606	65.7	62.8	2.09	2.19	119	123
Georgia	-	19	-	-	-	3.05	-	134
Illinois	838	904	64.7	53.9	.76	1.32	151	146
Indiana	12,453	14,914	63.1	60.7	2.12	2.21	119	122
Iowa	87	272	100.0	71.0	2.60	1.85	124	134
Kentucky	1,927	1,631	80.4	71.4	2.44	2.58	103	100
Michigan	118	85	100.0	93.8	1.79	2.25	133	162
Minnesota	-	28	-	-	-	1.38	-	155
Missouri	-	337	-	97.9	-	2.66	-	125
Ohio	14	35	-	-	2.75	2.51	85	112
Wisconsin	18	380	-	98.9	1.27	1.81	136	196
Kansas	257	271	100.0	100.0	2.83	2.89	129	129
Kansas	69	61	100.0	100.0	2.38	2.49	127	123
Missouri	188	210	100.0	100.0	3.01	3.01	130	130
Kentucky	89,798	95,122	77.3	73.3	1.29	1.34	144	148
Alabama	3,724	4,491	47.8	36.8	1.50	1.53	127	131
Connecticut	607	659	100.0	100.0	.43	.41	188	176
Delaware	-	29	-	-	-	.46	-	179
Florida	9,348	9,328	72.4	86.8	1.13	1.20	178	185
Georgia	11,256	10,977	80.2	81.0	.79	.90	165	163
Illinois	745	1,036	88.0	78.3	.50	.69	165	160
Indiana	648	2,472	94.4	68.6	1.25	2.55	137	114
Iowa	-	84	-	84.3	-	2.36	-	118
Kentucky	20,211	20,205	73.2	71.2	2.31	2.19	111	118
Maryland	471	534	61.4	74.9	.54	.56	152	159
Massachusetts	335	46	57.6	-	.50	.47	182	203

See footnotes at end of table.

**Table 37. Origin of Coal Received at Electric Utility Plants by Destination,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Kentucky								
Michigan	3,738	5,360	86.2	69.5	0.68	0.75	168	167
Minnesota	2	*	-	-	.67	.91	209	100
Mississippi	611	934	100.0	94.7	.65	.66	209	197
Missouri	31	824	100.0	98.2	.68	2.54	207	127
New Jersey	355	196	99.5	95.8	.49	.56	193	200
New York	617	782	98.3	52.9	.45	.44	198	193
North Carolina	7,316	7,922	85.5	75.3	.70	.81	162	169
Ohio	8,766	7,325	72.4	60.6	.74	.87	147	145
Pennsylvania	-	56	-	-	-	.48	-	165
South Carolina	6,373	7,263	87.4	84.1	.91	.94	152	157
Tennessee	12,343	11,681	80.5	74.1	1.71	1.70	117	126
Virginia	1,932	2,400	76.3	58.8	.91	.90	145	146
West Virginia	322	438	92.8	100.0	.67	.72	182	182
Wisconsin	49	79	-	-	.65	.67	168	170
Louisiana	2,583	2,602	100.0	100.0	1.74	1.15	134	134
Louisiana	2,583	2,602	100.0	100.0	1.74	1.15	134	134
Maryland	2,438	2,158	78.4	79.7	1.19	1.29	140	145
Delaware	141	93	84.1	-	1.07	1.03	148	150
Maryland	924	698	56.2	82.6	1.10	1.18	158	174
West Virginia	1,373	1,367	92.7	83.7	1.27	1.37	126	130
Missouri	146	292	-	-	3.36	3.64	114	110
Kansas	141	275	-	-	3.33	3.63	116	112
Missouri	5	17	-	-	4.29	3.74	78	78
Montana	25,893	27,962	91.2	88.0	.60	.58	128	132
Colorado	-	9	-	-	-	.43	-	76
Illinois	1,695	3,181	98.6	72.8	.39	.38	261	223
Indiana	604	617	100.0	91.2	.39	.39	265	244
Michigan	6,530	7,212	99.2	87.6	.40	.42	153	149
Minnesota	7,093	6,860	97.4	96.4	.72	.72	119	118
Mississippi	840	649	100.0	100.0	.39	.42	140	138
Montana	7,000	7,309	100.0	100.0	.78	.77	66	70
Nebraska	*	2	-	-	.43	.36	103	72
South Dakota	124	-	100.0	-	.73	-	102	-
Washington	472	839	-	-	.36	.35	125	124
Wisconsin	1,534	1,285	-	65.1	.66	.65	104	144
New Mexico	19,360	20,690	90.5	89.6	.71	.70	153	152
Arizona	6,996	8,143	73.8	73.8	.53	.52	164	165
New Mexico	10,971	11,289	100.0	100.0	.88	.89	145	141
Wisconsin	1,393	1,258	100.0	99.0	.40	.37	158	154
North Dakota	17,925	18,830	100.0	98.5	1.15	1.19	76	74
North Dakota	16,562	17,135	100.0	98.3	1.12	1.16	73	70
South Dakota	1,363	1,695	100.0	100.0	1.56	1.49	107	109
Ohio	15,753	20,424	72.9	69.4	2.96	2.94	138	145
Alabama	-	84	-	-	-	3.21	-	123
Georgia	-	37	-	-	-	3.54	-	163
Illinois	-	35	-	-	-	2.70	-	178
Indiana	740	217	6.5	-	3.44	3.35	100	119
Kentucky	325	399	39.3	23.2	3.27	2.94	97	104
Michigan	109	123	100.0	100.0	2.58	2.59	173	167
Minnesota	-	21	-	-	-	1.24	-	98
New York	-	62	-	-	-	3.30	-	119
Ohio	12,682	17,266	82.2	71.4	2.92	2.93	144	145
Pennsylvania	933	1,784	83.3	91.7	2.76	2.96	157	168
Tennessee	-	2	-	-	-	2.01	-	129
West Virginia	964	395	-	-	3.26	3.33	84	99
Oklahoma	90	77	100.0	100.0	2.27	2.80	107	101
Oklahoma	90	77	100.0	100.0	2.27	2.80	107	101
Pennsylvania	31,665	33,049	59.9	58.5	1.40	1.47	133	139
Alabama	18	28	-	-	1.20	1.55	119	122
Delaware	250	186	11.8	72.3	1.09	1.02	149	161
Florida	-	44	-	-	-	1.80	-	133
Indiana	342	312	100.0	-	1.82	1.76	102	119
Kentucky	380	450	-	-	1.62	1.70	102	110
Maryland	1,111	1,364	68.0	88.4	1.03	1.26	151	169
Massachusetts	161	302	100.0	73.7	1.04	1.12	158	160
Michigan	1,864	1,049	60.9	86.1	1.14	1.11	138	143
Minnesota	3	-	-	-	1.88	-	140	-
New Hampshire	566	541	100.0	100.0	1.13	1.20	161	157

See footnotes at end of table.

**Table 37. Origin of Coal Received at Electric Utility Plants by Destination,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
Pennsylvania								
New Jersey	-	2	-	-	-	1.43	-	215
New York	2,435	3,457	57.4	41.9	1.28	1.34	134	137
Ohio	1,990	1,895	69.2	34.0	1.25	1.55	121	121
Pennsylvania	21,492	21,557	58.8	62.5	1.48	1.50	133	139
Tennessee	125	455	41.9	-	1.46	2.11	115	118
West Virginia	409	906	-	27.9	1.51	2.08	98	112
Wisconsin	516	503	100.0	100.0	1.14	1.16	151	149
Tennessee	1,232	1,186	92.4	69.7	.86	1.01	137	138
Alabama	459	390	95.5	76.4	.69	.67	132	127
Florida	111	202	100.0	100.0	.90	.92	229	209
Georgia	27	-	-	-	.99	-	158	-
Kentucky	9	101	-	-	1.99	1.89	116	116
Tennessee	626	493	93.9	66.2	.96	1.13	123	123
Texas	36,628	37,546	100.0	100.0	1.75	1.65	104	105
Texas	36,628	37,546	100.0	100.0	1.75	1.65	104	105
Utah	13,379	12,161	87.9	85.7	.39	.41	116	114
Alabama	-	88	-	-	-	.58	-	129
Illinois	1,259	19	21.9	-	.37	.32	139	154
Indiana	-	168	-	-	-	.37	-	169
Kentucky	674	250	92.6	-	.42	.52	117	123
Michigan	17	-	-	-	.47	-	142	-
Missouri	334	323	100.0	56.2	.34	.38	145	122
Nevada	1,358	1,483	100.0	94.3	.36	.39	160	160
Oregon	-	100	-	-	-	.33	-	110
Tennessee	-	27	-	-	-	.49	-	129
Utah	9,617	9,351	95.4	94.5	.40	.41	105	104
Washington	77	320	-	-	.29	.36	125	127
Wisconsin	43	32	-	-	.44	.37	154	161
Virginia	11,265	12,591	90.1	86.4	.79	.81	157	160
Alabama	-	137	-	-	-	1.04	-	161
Delaware	7	85	-	24.8	1.12	.61	149	175
Florida	456	623	100.0	100.0	.56	.58	214	214
Georgia	1,646	2,014	73.3	92.9	.78	.94	165	181
Indiana	773	-	100.0	-	.54	-	149	-
Kentucky	-	35	-	-	-	.67	-	175
Maryland	292	-	100.0	-	.52	-	180	-
Michigan	76	307	-	40.4	.64	.67	150	178
New Hampshire	19	-	-	-	.49	-	203	-
New Jersey	495	474	100.0	95.0	.56	.57	172	180
North Carolina	2,677	3,323	93.2	94.3	.84	.85	164	166
Ohio	74	17	-	-	.65	.55	146	136
South Carolina	793	768	96.7	94.6	1.03	1.02	154	154
Tennessee	502	916	100.0	84.3	1.31	1.05	126	124
Virginia	3,454	3,841	91.5	82.2	.78	.71	142	141
Wisconsin	-	49	-	-	-	.46	-	162
Washington	3,360	3,361	100.0	99.9	.90	.92	148	143
Washington	3,360	3,361	100.0	99.9	.90	.92	148	143
West Virginia	66,968	68,789	81.0	71.9	1.18	1.20	144	152
Alabama	2,090	2,164	68.2	59.1	.97	.74	133	145
Connecticut	-	54	-	100.0	-	.48	-	174
Delaware	874	1,245	95.7	96.9	.59	.65	169	163
Florida	1,105	1,744	80.1	64.2	.88	1.19	178	174
Georgia	2,761	3,323	65.2	51.6	.55	.57	197	194
Illinois	-	243	-	14.9	-	.53	-	167
Indiana	423	1,643	84.7	30.7	.61	1.54	166	132
Kentucky	3,186	2,542	74.1	67.1	.86	.72	117	120
Maryland	4,315	4,218	74.4	72.1	.74	.83	146	149
Massachusetts	1,665	1,740	72.9	74.0	.55	.76	173	171
Michigan	3,470	4,474	80.6	71.6	.75	.72	155	157
Minnesota	3	1	-	-	1.88	.76	163	180
Mississippi	-	62	-	-	-	.76	-	152
Missouri	-	2	-	-	-	.71	-	226
New Hampshire	209	164	71.5	93.5	1.40	1.73	148	150
New Jersey	661	914	95.1	85.4	1.39	1.28	174	179
New York	2,618	1,862	90.4	65.7	1.66	1.52	133	145
North Carolina	4,503	5,180	96.0	72.0	.58	.67	170	169
Ohio	12,270	10,331	77.7	68.7	.83	1.30	140	143
Pennsylvania	6,310	5,851	98.6	90.7	2.40	2.14	147	155

See footnotes at end of table.

**Table 37. Origin of Coal Received at Electric Utility Plants by Destination,
January-September 1995, 1994 (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)	
	1995	1994	1995	1994	1995	1994	1995	1994
West Virginia								
South Carolina	36	64	22.3	31.9	0.61	0.73	151	166
Tennessee	101	264	-	-	1.76	1.44	114	122
Virginia	1,064	974	58.3	44.9	.65	.69	152	160
West Virginia	19,247	19,553	80.6	78.8	1.55	1.46	130	143
Wisconsin	57	178	-	94.0	.51	.53	153	176
Wyoming	189,522	167,965	80.0	76.6	.40	.41	120	121
Alabama	2,342	-	-	-	.38	-	114	-
Arkansas	10,408	9,076	97.2	94.2	.38	.37	163	162
Colorado	4,067	4,072	100.0	100.0	.37	.37	88	94
Florida	-	58	-	100.0	-	.27	-	128
Georgia	5,058	3,298	-	-	.44	.39	152	150
Illinois	10,450	7,417	92.4	86.4	.34	.34	190	192
Indiana	13,197	11,628	96.0	63.6	.36	.38	114	119
Iowa	13,234	11,343	70.6	57.8	.46	.44	97	96
Kansas	11,892	11,973	71.9	69.1	.43	.43	98	99
Louisiana	7,788	7,410	100.0	100.0	.46	.47	160	159
Michigan	5,788	3,732	79.4	79.7	.31	.34	111	114
Minnesota	5,560	6,097	94.8	89.1	.30	.29	115	115
Missouri	19,113	12,377	85.7	83.1	.30	.35	88	92
Montana	-	56	-	-	-	.33	-	70
Nebraska	7,705	6,539	69.5	67.9	.38	.40	75	78
Nevada	259	837	100.0	100.0	.52	.53	211	204
Oklahoma	14,829	13,014	58.4	53.8	.40	.38	100	103
Oregon	788	1,592	-	-	.37	.41	108	106
Texas	28,223	29,134	94.2	95.5	.42	.41	164	160
Wisconsin	11,369	9,936	61.1	56.1	.38	.36	101	101
Wyoming	17,453	18,377	88.1	84.5	.57	.60	83	81
Imported Coal	3,246	3,954	82.1	58.4	.57	.53	174	152
South Africa	-	127	-	-	-	.57	-	181
Florida	-	127	-	-	-	.57	-	181
Canada	18	26	-	-	.47	.30	166	156
Michigan	-	20	-	-	-	.24	-	150
Washington	18	6	-	-	.47	.49	166	178
Colombia	1,493	2,582	84.8	55.7	.54	.55	153	144
Delaware	-	22	-	-	-	.47	-	168
Florida	998	2,021	97.3	56.4	.57	.57	151	141
Georgia	-	12	-	-	-	.61	-	214
Maryland	-	88	-	-	-	.53	-	147
Massachusetts	361	135	81.9	100.0	.49	.50	154	165
New Hampshire	134	163	-	100.0	.48	.49	163	136
New Jersey	-	23	-	-	-	.53	-	167
Texas	-	117	-	-	-	.44	-	155
Venezuela	1,411	968	94.1	85.5	.63	.56	200	167
Florida	731	207	100.0	47.8	.75	.72	232	192
Massachusetts	598	761	100.0	95.8	.51	.51	165	161
New Hampshire	54	-	-	-	.53	-	155	-
New York	28	-	-	-	.42	-	224	-
Indonesia	324	251	21.6	16.8	.35	.22	147	165
Florida	284	-	24.6	-	.34	-	142	-
Louisiana	-	169	-	-	-	.11	-	167
Massachusetts	-	8	-	100.0	-	.34	-	195
New Hampshire	40	74	-	46.2	.39	.42	174	160
U.S. Total	615,846	621,406	81.6	77.9	1.05	1.14	133	137

* 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 38. Coal Receipts at Coke Plants
(Thousand Short Tons)

Coal Receipts	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
By State						
Alabama	767	831	870	2,424	2,468	-1.8
Illinois	w	w	w	w	w	w
Indiana	1,422	1,518	1,166	4,315	3,660	17.9
Kentucky	w	w	w	w	w	w
Maryland	w	w	w	w	w	w
Michigan	w	w	w	w	w	w
New York	w	w	w	w	w	w
Ohio	684	728	780	2,142	2,277	-5.9
Pennsylvania	2,541	2,675	2,666	8,117	8,050	.8
Utah	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
By Plant Type						
Merchant Coke Plants	1,029	1,075	1,130	3,154	3,169	-.5
Furnace Coke Plants	7,106	7,117	6,751	21,434	20,468	4.7
U.S. Total	8,135	8,192	7,881	24,588	23,637	4.0

▪ 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 39. Average Price of Coal Receipts at Coke Plants
(Dollars per Short Ton)

Average Price ¹	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
By State						
Alabama	\$48.37	\$48.47	\$48.02	\$48.43	\$47.44	2.1
Illinois	w	w	w	w	w	w
Indiana	\$52.36	\$52.64	\$51.34	\$52.48	\$51.08	2.7
Kentucky	w	w	w	w	w	w
Maryland	w	w	w	w	w	w
Michigan	w	w	w	w	w	w
New York	w	w	w	w	w	w
Ohio	\$42.93	\$41.86	\$41.48	\$42.10	\$42.49	-.9
Pennsylvania	45.06	47.01	45.52	45.98	46.07	-.2
Utah	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
By Plant Type						
Merchant Coke Plants	\$48.14	\$48.26	\$47.62	\$48.31	\$47.25	2.2
Furnace Coke Plants	46.86	47.47	45.91	47.11	46.51	1.3
U.S. Total	47.02	47.57	46.15	47.26	46.61	1.4

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

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

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	79	88	161	251	379	-33.6
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	w	w	w	w	w	w
New Jersey	w	w	w	w	w	w
New York	258	324	394	842	1,037	-18.8
Pennsylvania	884	967	936	2,854	2,993	-4.7
East North Central Total	3,666	4,109	4,390	11,388	12,830	-11.2
Illinois	842	853	1,008	2,549	3,237	-21.3
Indiana	1,034	1,037	1,026	2,989	3,212	-6.9
Michigan	527	781	860	1,772	2,068	-14.3
Ohio	659	975	856	2,637	2,803	-5.9
Wisconsin	604	463	640	1,441	1,510	-4.6
West North Central Total	3,710	2,924	3,335	9,918	9,727	2.0
Iowa	752	676	785	2,009	2,188	-8.2
Kansas	17	29	32	84	97	-13.3
Minnesota	326	248	394	968	994	-2.6
Missouri	237	262	253	754	798	-5.4
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	w	w	w	w	w	w
Delaware	w	w	w	w	w	w
District of Columbia	-	-	-	-	-	-
Florida	191	298	334	801	971	-17.5
Georgia	373	418	487	1,375	1,400	-1.7
Maryland	191	192	192	562	537	4.7
North Carolina	584	544	582	1,825	1,816	.5
South Carolina	507	464	555	1,522	1,766	-13.8
Virginia	596	627	739	1,912	2,098	-8.8
West Virginia	439	394	717	1,472	1,970	-25.3
East South Central Total	w	w	w	w	w	w
Alabama	493	547	560	1,610	1,784	-9.8
Kentucky	650	489	443	1,578	1,577	.1
Mississippi	w	w	w	w	w	w
Tennessee	674	930	1,067	2,582	3,060	-15.6
West South Central Total	1,544	1,589	1,572	4,766	4,664	2.2
Arkansas	78	87	85	253	256	-1.2
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	1,010	1,041	1,135	3,132	3,395	-7.7
Mountain Total	1,348	1,381	1,405	4,134	4,138	-.1
Arizona	149	169	196	491	547	-10.2
Colorado	202	163	207	529	626	-15.5
Idaho	123	80	118	341	399	-14.5
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah	278	271	285	742	656	13.2
Wyoming	363	490	423	1,362	1,319	3.3
Pacific Total	681	650	791	2,105	2,043	3.1
Alaska	-	-	5	-	5	-
California	605	520	708	1,788	1,769	1.1
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	53	53	48	153	148	3.4
U.S. Total	17,011	17,036	18,777	51,849	55,175	-6.0

* 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", and Form EIA-6, "Coal Distribution Report."

**Table 41. Average Price of Coal Receipts at Other Industrial Plants
by Census Division and State
(Dollars per Short Ton)**

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	\$57.83	\$56.80	\$53.77	\$57.72	\$55.45	4.1
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	w	w	w	w	w	w
New Jersey	w	w	w	w	w	w
New York	\$42.60	\$42.59	\$42.29	\$42.24	\$42.84	-1.4
Pennsylvania	33.68	33.13	33.28	33.66	33.51	.4
East North Central Total	34.56	34.58	34.06	34.78	34.67	.3
Illinois	28.85	29.40	28.95	29.02	28.89	.5
Indiana	33.85	32.68	30.62	33.02	31.39	5.2
Michigan	40.02	39.29	39.18	40.91	41.34	-1.0
Ohio	34.05	34.78	35.18	35.31	35.72	-1.1
Wisconsin	39.14	40.79	39.53	40.16	41.48	-3.2
West North Central Total	19.56	18.87	18.36	18.94	18.18	4.1
Iowa	30.44	30.07	29.46	29.25	28.52	2.5
Kansas	32.33	31.37	31.57	32.45	32.17	.9
Minnesota	35.33	36.08	36.12	35.19	36.77	-4.3
Missouri	32.56	32.11	31.80	32.65	33.19	-1.6
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	w	w	w	w	w	w
Delaware	w	w	w	w	w	w
District of Columbia	-	-	-	-	-	-
Florida	\$46.50	\$46.82	\$47.41	\$46.66	\$46.71	-.1
Georgia	45.18	44.83	45.92	45.14	45.75	-1.3
Maryland	31.31	31.90	32.19	31.60	32.17	-1.8
North Carolina	43.26	43.86	43.40	43.28	43.16	.3
South Carolina	43.29	43.15	43.66	43.05	43.76	-1.6
Virginia	43.49	42.54	41.01	43.02	41.10	4.7
West Virginia	32.55	34.33	32.80	33.82	32.79	3.1
East South Central Total	w	w	w	w	w	w
Alabama	\$39.06	\$39.87	\$39.28	\$39.47	\$39.10	1.0
Kentucky	43.13	45.57	45.31	44.40	43.60	1.8
Mississippi	w	w	w	w	w	w
Tennessee	\$35.59	\$36.06	\$35.13	\$35.63	\$35.23	1.1
West South Central Total	21.44	22.40	22.73	22.12	22.82	-3.1
Arkansas	43.70	42.72	45.78	43.31	44.65	-3.0
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	\$18.10	\$18.60	\$19.37	\$18.61	\$19.46	-4.4
Mountain Total	27.17	26.82	29.10	27.40	28.99	-5.5
Arizona	40.73	40.80	41.16	41.23	41.31	-.2
Colorado	27.40	27.48	29.40	26.98	29.15	-7.4
Idaho	36.15	31.52	33.92	34.08	33.40	2.0
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah	\$19.28	\$18.82	\$26.62	\$19.62	\$26.71	-26.5
Wyoming	22.43	22.74	22.77	22.69	22.82	-.6
Pacific Total	44.50	43.84	44.42	44.03	44.94	-2.0
Alaska	-	-	-	-	-	-
California	41.34	40.53	43.01	41.63	43.20	-3.6
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	\$61.65	\$59.89	\$60.18	\$59.76	\$58.53	2.1
U.S. Total	32.25	32.47	32.26	32.39	32.48	-.3

* 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 42. U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code
(Thousand Short Tons)

SIC Code	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
20 Food and kindred products	1,982	1,783	1,916	5,957	5,820	2.3
21 Tobacco products	142	135	154	434	480	-9.6
22 Textile mill products	173	203	253	692	926	-25.3
23 Apparel, other textile products	w	w	w	w	w	w
24 Lumber and wood products	15	26	26	55	66	-16.6
25 Furniture and fixtures	24	18	28	64	86	-26.0
26 Paper and allied products	3,078	2,993	3,238	9,254	9,515	-2.7
27 Printing and publishing	w	w	w	w	w	w
28 Chemicals, allied products	2,964	3,146	3,241	9,412	9,896	-4.9
29 Petroleum and coal products ¹	1,786	1,766	1,844	5,532	5,641	-1.9
30 Rubber, misc. plastic products	46	51	60	164	194	-15.4
31 Leather, leather products	w	w	w	w	w	w
32 Stone, clay, glass products	3,312	3,405	3,589	9,420	10,032	-6.1
33 Primary metal industries ²	1,854	1,762	1,865	5,244	5,488	-4.4
34 Fabricated metal products	42	47	28	167	177	-5.5
35 Machinery, except electric	94	98	77	298	288	3.4
36 Electric, electronic equipment	22	24	34	90	175	-48.5
37 Transportation equipment	w	w	w	w	w	w
38 Instruments, related products	w	w	w	w	w	w
39 Misc. manufacturing industries	w	w	w	w	w	w
U.S. Total	15,908	15,894	16,750	48,268	50,426	-4.3

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 43. Average Price of U.S. Coal Receipts at Manufacturing Plants
by Standard Industrial Classification (SIC) Code
(Dollars per Short Ton)**

SIC Code	July - September 1995	April - June 1995	July - September 1994	Percent Difference July - September: 1995 versus 1994
20 Food and kindred products	\$30.96	\$31.45	\$29.90	3.5
21 Tobacco products	46.87	46.42	45.49	3.0
22 Textile mill products	45.43	45.84	45.90	-1.0
23 Apparel, other textile products	w	w	w	w
24 Lumber and wood products	\$45.64	\$45.51	\$43.63	4.6
25 Furniture and fixtures	50.25	48.50	48.64	3.3
26 Paper and allied products	39.59	39.57	39.31	.7
27 Printing and publishing	w	w	w	w
28 Chemicals, allied products	\$34.91	\$34.82	\$35.47	-1.6
29 Petroleum and coal products ¹	11.51	12.35	11.57	-.5
30 Rubber, misc. plastic products	33.42	35.60	36.61	-8.7
31 Leather, leather products	w	w	w	w
32 Stone, clay, glass products	\$35.37	\$35.05	\$35.52	-.4
33 Primary metal industries ²	26.61	26.19	25.37	4.9
34 Fabricated metal products	45.12	46.95	44.54	1.3
35 Machinery, except electric	33.69	37.45	37.28	-9.6
36 Electric, electronic equipment	42.71	44.58	42.33	.9
37 Transportation equipment	w	w	w	w
38 Instruments, related products	w	w	w	w
39 Misc. manufacturing industries	w	w	w	w
U.S. Total	\$32.25	\$32.47	\$32.26	*

¹ Includes coal gasification projects.

² Excludes coke plants.

* 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-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

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

Census Division and State	July-September 1995	April-June 1995	July-September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	16	3	13	27	35	-24.2
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	264	254	253	916	971	-5.7
New Jersey	w	w	w	w	w	w
New York	w	w	w	w	w	w
Pennsylvania	204	221	213	762	837	-8.9
East North Central Total	222	247	280	881	1,114	-20.9
Illinois	w	w	w	w	w	w
Indiana	49	45	74	188	270	-30.4
Michigan	w	w	w	w	w	w
Ohio	34	76	67	219	396	-44.8
Wisconsin	w	w	w	w	w	w
West North Central Total	w	w	w	w	w	w
Iowa	57	26	2	84	34	148.5
Kansas	18	*	20	18	30	-39.7
Minnesota	40	97	51	212	158	34.4
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	156	147	189	536	650	-17.6
Delaware	w	w	w	w	w	w
District of Columbia	2	-	3	2	32	-92.9
Florida	-	*	-	*	19	-98.9
Georgia	10	10	11	53	25	113.7
Maryland	w	w	w	w	w	w
North Carolina	38	49	67	168	180	-6.6
South Carolina	-	1	1	15	60	-74.8
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
East South Central Total	55	48	52	200	312	-35.8
Alabama	1	*	2	2	9	-79.0
Kentucky	w	w	w	w	w	w
Tennessee	w	w	w	w	w	w
West South Central Total	*	1	*	16	1	NM
Arkansas	-	-	-	-	*	-
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	-	-	-	-	*	-
Mountain Total	w	w	w	w	w	w
Arizona	2	2	-	5	*	NM
Colorado	8	2	4	13	12	2.9
Idaho	4	12	4	25	26	-1.9
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	7	14	33	87	145	-39.7
Pacific Total	168	149	178	488	521	-6.2
Alaska	84	104	112	341	341	-1
California	57	33	51	91	125	-27.6
Oregon	*	-	*	*	*	NM
Washington	27	12	14	57	54	5.0
U.S. Total	1,061	1,032	1,135	3,731	4,339	-14.0

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

NM Not meaningful as value is greater than or equal to 500.

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

About 8 tons out of every 10 tons of coal produced annually are used to generate electricity. More than any other industry, coal-consuming electric utilities account for well over three quarters of total domestic coal consumption.

Figure 10. Quarterly U.S. Coal Consumption, 1987-1995

Note: Each increment represents end-of-quarter data.
 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 Form EIA-6, "Coal Distribution Report;" Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 45. U.S. Coal Consumption by End-Use Sector 1987-1995
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Total
1987 January - March	170,777	7,831	19,106	1,809	199,523
April - June	171,418	9,344	17,610	1,254	199,627
July - September	200,070	9,707	18,006	1,613	229,397
October - December	175,629	10,075	20,453	2,238	208,394
Total	717,894	36,957	75,175	6,914	836,941
1988 January - March	188,009	10,357	20,416	2,004	220,787
April - June	176,007	10,536	17,786	1,406	205,735
July - September	208,542	10,483	17,923	1,725	238,672
October - December	185,814	10,512	20,127	1,994	218,448
Total	758,372	41,888	76,252	7,130	883,642
1989 January - March	191,556	10,208	19,885	1,837	223,486
April - June	178,306	10,365	18,211	1,143	208,025
July - September	203,123	10,008	17,631	1,264	232,026
October - December	193,903	9,927	20,408	1,924	226,163
Total	766,888	40,508	76,134	6,167	889,699
1990 January - March	185,438	10,044	19,612	1,920	217,014
April - June	182,537	9,795	18,069	1,265	211,666
July - September	211,658	9,476	18,244	1,443	240,821
October - December	193,915	9,562	20,405	2,096	225,978
Total	773,549	38,877	76,330	6,724	895,480
1991 January - March	189,291	8,291	19,618	2,008	219,208
April - June	182,488	8,075	17,139	1,055	208,757
July - September	208,133	8,777	18,051	1,132	236,093
October - December	192,356	8,711	20,596	1,899	223,562
Total	772,268	33,854	75,405	6,094	887,621
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	892,421
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	925,944
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	930,201
1995 January - March	199,030	8,140	18,996	1,638	227,804
April - June	191,108	8,291	16,908	1,032	217,339
July - September	231,970	8,330	22,624	1,061	263,984
Total	622,108	24,761	58,527	3,731	709,127

Notes: Consumption data for 1995 exclude an EIA estimated 4 million short tons per quarter which are consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. In 1989, 1990, 1991, 1992, 1993, and 1994 these excluded quarterly estimated consumption data were: 219, 400, 1500, 2500, 3086, and 3785 thousand short tons, respectively. 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 Form EIA-6, "Coal Distribution Report" • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 46. Coal Consumption by Census Division and State (Thousand Short Tons)

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date	
				1995	1994
New England Total	1,823	1,450	1,693	4,956	4,967
Connecticut	234	174	245	655	722
Maine	120	65	80	248	278
Massachusetts	1,127	932	990	3,041	2,993
New Hampshire	339	279	375	1,008	969
Rhode Island	1	-	1	2	3
Vermont	1	*	2	2	3
Middle Atlantic Total	18,005	16,179	17,285	51,433	51,541
New Jersey	640	463	462	1,536	1,720
New York	2,918	2,626	2,903	8,422	8,800
Pennsylvania	14,447	13,089	13,920	41,474	41,021
East North Central Total	60,500	51,315	54,614	165,482	161,768
Illinois	11,453	9,127	10,324	30,413	29,854
Indiana	17,424	14,272	15,270	47,377	45,004
Michigan	9,746	8,775	9,119	27,342	26,646
Ohio	15,398	13,505	14,511	42,880	43,853
Wisconsin	6,478	5,635	5,392	17,369	16,411
West North Central Total	35,776	29,743	33,335	98,791	93,777
Iowa	5,897	4,803	5,185	15,945	14,644
Kansas	4,502	3,912	4,805	12,476	13,224
Minnesota	4,840	4,483	4,868	14,273	13,996
Missouri	9,022	7,067	7,738	23,818	20,617
Nebraska	2,691	2,356	2,551	7,702	6,945
North Dakota	8,272	6,455	7,538	22,540	22,194
South Dakota	551	668	649	2,037	2,256
South Atlantic Total	45,468	36,011	41,314	118,148	116,516
Delaware	600	480	552	1,650	1,722
District of Columbia	2	-	3	2	32
Florida	7,602	6,447	7,343	20,050	19,801
Georgia	9,533	7,806	8,836	24,196	22,861
Maryland	3,139	2,485	2,711	8,172	7,965
North Carolina	7,395	5,589	6,344	18,194	18,620
South Carolina	3,735	2,965	3,538	9,530	9,858
Virginia	3,709	2,992	3,990	10,222	10,110
West Virginia	9,751	7,246	7,996	26,133	25,548
East South Central Total	29,004	26,110	27,022	79,618	76,146
Alabama	9,868	8,665	8,620	25,804	24,135
Kentucky	10,711	9,563	9,927	29,795	28,968
Mississippi	1,364	1,237	1,435	3,786	3,280
Tennessee	7,061	6,645	7,040	20,232	19,763
West South Central Total	40,603	31,818	36,510	103,856	107,879
Arkansas	4,005	2,838	3,399	9,796	10,409
Louisiana	3,847	3,380	3,664	10,332	10,796
Oklahoma	5,659	4,988	4,678	14,685	13,764
Texas	27,091	21,502	24,768	69,043	72,410
Mountain Total	29,611	23,639	30,763	80,599	85,667
Arizona	4,917	3,778	5,322	12,669	14,791
Colorado	4,477	4,008	4,638	12,749	13,319
Idaho	241	34	64	454	332
Montana	2,739	1,730	2,762	7,496	7,948
Nevada	2,091	1,626	2,150	5,308	5,774
New Mexico	4,338	3,346	4,183	11,415	11,338
Utah	4,278	3,362	4,385	11,327	12,080
Wyoming	6,529	5,755	7,261	19,181	20,087
Pacific Total	3,195	1,074	3,283	6,247	8,801
Alaska	152	170	179	551	536
California	869	525	773	2,004	1,863
Hawaii	42	36	25	101	64
Oregon	504	15	768	785	1,787
Washington	1,628	327	1,539	2,806	4,551
U.S. Total	263,984	217,339	245,820	709,127	706,561

* Rounded to zero.
 Notes: Consumption data for 1995 exclude an EIA estimated 4 million short tons per quarter which are consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. In 1989, 1990, 1991, 1992, 1993, and 1994 these excluded quarterly estimated consumption data were: 219, 400, 1500, 2500, 3066, and 3765 thousand short tons, respectively. 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-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."
 Energy Information Administration/Quarterly Coal Report July-September 1995

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

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	1,663	1,373	1,548	4,638	4,572	1.4
Connecticut	233	173	214	652	686	-5.0
Maine	-	-	-	-	-	-
Massachusetts	1,096	921	962	2,985	2,922	2.1
New Hampshire	334	279	372	1,002	963	4.0
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	13,074	11,557	12,559	37,049	37,223	-5
New Jersey	636	459	458	1,522	1,645	-7.5
New York	2,091	1,913	2,108	6,115	6,495	-5.9
Pennsylvania	10,347	9,185	9,993	29,413	29,083	1.1
East North Central Total	51,621	43,977	47,572	141,431	139,396	1.5
Illinois	9,641	7,655	8,815	25,599	24,860	3.0
Indiana	14,336	11,737	13,016	39,071	38,116	2.5
Michigan	8,126	7,739	8,094	23,439	23,270	.7
Ohio	13,873	11,725	12,799	37,822	38,264	-1.2
Wisconsin	5,645	5,122	4,848	15,500	14,886	4.1
West North Central Total	31,123	26,700	30,029	87,399	83,851	4.2
Iowa	4,685	4,127	4,509	13,312	12,589	5.7
Kansas	4,453	3,880	4,753	12,361	13,095	-5.6
Minnesota	4,425	4,119	4,433	12,993	12,735	2.0
Missouri	8,630	6,784	7,448	22,808	19,661	16.0
Nebraska	2,607	2,313	2,464	7,476	6,687	11.8
North Dakota	5,904	4,894	5,898	16,725	17,175	-2.6
South Dakota	419	583	525	1,724	1,909	-9.7
South Atlantic Total	40,834	32,061	36,860	104,883	103,115	1.7
Delaware	540	437	499	1,511	1,553	-2.7
District of Columbia	-	-	-	-	-	-
Florida	7,342	6,116	6,994	19,135	18,822	1.7
Georgia	9,013	7,362	8,349	22,624	21,458	5.4
Maryland	2,895	2,283	2,522	7,510	7,400	1.5
North Carolina	6,620	4,962	5,710	16,021	16,618	-3.6
South Carolina	2,971	2,496	3,002	7,715	8,042	-4.1
Virginia	2,648	2,024	2,319	7,170	7,003	2.4
West Virginia	8,805	6,382	7,466	23,198	22,219	4.4
East South Central Total	25,332	22,856	23,696	69,352	65,889	5.3
Alabama	8,385	7,280	7,213	21,558	19,931	8.2
Kentucky	9,564	8,708	9,158	26,945	26,281	2.5
Mississippi	1,271	1,169	1,368	3,558	3,067	16.0
Tennessee	6,112	5,699	5,957	17,291	16,611	4.1
West South Central Total	38,609	30,212	34,938	98,632	101,904	-3.2
Arkansas	3,905	2,745	3,314	9,517	10,155	-6.3
Louisiana	3,752	3,226	3,472	9,934	10,344	-4.0
Oklahoma	5,110	3,755	4,483	13,487	13,204	2.1
Texas	25,842	20,486	23,670	65,694	68,201	-3.7
Mountain Total	27,660	22,034	29,115	75,264	80,557	-6.6
Arizona	4,716	3,602	5,131	12,129	14,258	-14.9
Colorado	4,238	3,850	4,428	12,179	12,675	-3.9
Idaho	-	-	-	-	-	-
Montana	2,576	1,630	2,654	7,066	7,541	-6.3
Nevada	2,018	1,540	2,098	5,095	5,623	-9.4
New Mexico	4,316	3,325	4,165	11,352	11,281	.6
Utah	3,726	2,836	3,834	9,792	10,591	-7.5
Wyoming	6,070	5,251	6,805	17,653	18,589	-5.0
Pacific Total	2,054	338	2,299	3,459	6,278	-44.9
Alaska	68	66	62	210	190	10.8
California	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Oregon	472	4	752	690	1,730	-60.1
Washington	1,515	267	1,486	2,559	4,359	-41.3
U.S. Total	231,970	191,108	218,616	622,108	622,785	-1.1

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 Carbonized at Coke Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	W	W	W	W	W	W
New Jersey	-	-	-	-	-	-
New York	W	W	W	W	W	W
Pennsylvania	2,761	2,706	2,726	8,145	8,071	0.9
East North Central Total	3,131	3,150	2,846	9,310	8,478	9.8
Illinois	W	W	W	W	W	W
Indiana	1,500	1,479	1,220	4,433	3,576	23.9
Michigan	W	W	W	W	W	W
Ohio	693	722	782	2,149	2,338	-8.1
Wisconsin	-	-	-	-	-	-
West North Central Total	-	-	-	-	-	-
Iowa	-	-	-	-	-	-
Kansas	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-
Missouri	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-
South Atlantic Total	W	W	W	W	W	W
Delaware	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-
Florida	-	-	-	-	-	-
Georgia	-	-	-	-	-	-
Maryland	W	W	W	W	W	W
North Carolina	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-
Virginia	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W
East South Central Total	W	W	W	W	W	W
Alabama	823	821	821	2,447	2,435	.5
Kentucky	W	W	W	W	W	W
Mississippi	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
West South Central Total	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-
Texas	-	-	-	-	-	-
Mountain Total	W	W	W	W	W	W
Arizona	-	-	-	-	-	-
Colorado	-	-	-	-	-	-
Idaho	-	-	-	-	-	-
Montana	-	-	-	-	-	-
Nevada	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-
Utah	W	W	W	W	W	W
Wyoming	-	-	-	-	-	-
Pacific Total	-	-	-	-	-	-
Alaska	-	-	-	-	-	-
California	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Oregon	-	-	-	-	-	-
Washington	-	-	-	-	-	-
By Plant Type						
Merchant Coke Plants	1,076	1,075	1,069	3,193	3,150	1.4
Furnace Coke Plants	7,254	7,216	6,876	21,567	20,514	5.1
U.S. Total	8,330	8,291	7,945	24,761	23,664	4.6

* 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 Consumption at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	144	75	131	291	360	-19.2
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	w	w	w	w	w	w
New Jersey	w	w	w	w	w	w
New York	416	335	412	1,117	1,186	-5.8
Pennsylvania	1,135	977	988	3,155	3,030	4.1
East North Central Total	5,525	3,941	3,917	13,859	12,781	8.4
Illinois	1,173	843	952	2,978	3,262	-8.7
Indiana	1,539	1,012	959	3,685	3,042	21.1
Michigan	1,194	635	609	2,637	2,119	24.5
Ohio	799	982	863	2,791	2,855	-2.2
Wisconsin	820	469	534	1,768	1,504	17.6
West North Central Total	4,510	2,903	3,192	10,914	9,451	15.5
Iowa	1,155	649	674	2,549	2,021	26.1
Kansas	31	31	32	97	99	-1.9
Minnesota	375	267	385	1,067	1,004	6.3
Missouri	373	271	267	914	807	13.3
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	w	w	w	w	w	w
Delaware	w	w	w	w	w	w
District of Columbia	-	-	-	-	-	-
Florida	260	331	349	914	961	-4.8
Georgia	510	435	476	1,519	1,378	10.2
Maryland	224	191	186	598	544	9.8
North Carolina	737	579	567	2,005	1,821	10.1
South Carolina	764	468	536	1,800	1,756	2.5
Virginia	745	656	742	2,129	2,142	-.6
West Virginia	532	422	701	1,602	1,992	-19.6
East South Central Total	w	w	w	w	w	w
Alabama	659	564	584	1,797	1,760	2.1
Kentucky	755	489	442	1,690	1,530	10.5
Mississippi	w	w	w	w	w	w
Tennessee	919	913	1,063	2,840	3,081	-7.8
West South Central Total	1,994	1,604	w	5,207	5,473	-4.9
Arkansas	101	93	85	279	253	10.1
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	1,249	1,016	1,099	3,349	4,209	-20.4
Mountain Total	1,664	1,322	1,338	4,414	4,093	7.8
Arizona	199	174	191	536	533	.6
Colorado	232	157	206	557	632	-11.9
Idaho	237	22	60	429	306	40.1
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah	287	273	281	755	661	14.3
Wyoming	452	490	423	1,441	1,353	6.5
Pacific Total	973	587	807	2,299	2,002	14.8
Alaska	-	w	5	w	5	-
California	812	492	722	1,914	1,738	10.1
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	86	48	39	190	138	37.6
U.S. Total	22,624	16,908	18,123	58,527	55,774	4.9

* 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"; and Form EIA-6, "Coal Distribution Report."

Table 50. U.S. Coal Consumption at Manufacturing Plants by Standard Industrial Classification (SIC) Code
(Thousand Short Tons)

SIC Code	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
20 Food and kindred products	1,692	1,734	1,741	5,787	5,629	2.8
21 Tobacco products	144	147	148	453	482	-6.1
22 Textile mill products	180	224	238	728	905	-19.6
23 Apparel, other textile products	w	w	w	w	w	w
24 Lumber and wood products	10	24	30	57	90	-36.5
25 Furniture and fixtures	7	14	15	50	58	-13.4
26 Paper and allied products	2,977	3,047	3,015	9,423	9,504	-.9
27 Printing and publishing	w	w	w	w	w	w
28 Chemicals, allied products	3,002	3,129	3,098	9,576	9,921	-3.5
29 Petroleum and coal products ¹	1,810	1,769	1,863	5,544	5,518	.5
30 Rubber, misc. plastic products	46	52	61	167	199	-16.4
31 Leather, leather products	w	w	w	w	w	w
32 Stone, clay, glass products	3,310	3,234	3,467	9,589	9,886	-3.0
33 Primary metal industries ²	1,881	1,734	1,819	5,404	5,321	1.6
34 Fabricated metal products	36	58	33	194	203	-4.7
35 Machinery, except electric	49	83	39	292	292	-.1
36 Electric, electronic equipment	21	23	30	93	170	-45.1
37 Transportation equipment	w	w	w	w	w	w
38 Instruments, related products	w	w	w	w	w	w
39 Misc. manufacturing industries	w	w	w	w	w	w
U.S. Total	15,557	15,740	16,013	48,928	49,958	-2.1

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

Census Division and State	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
New England Total	16	3	13	27	35	-24.2
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	264	254	253	916	971	-5.7
New Jersey	w	w	w	w	w	w
New York	w	w	w	w	w	w
Pennsylvania	204	221	213	762	837	-8.9
East North Central Total	222	247	280	881	1,114	-20.9
Illinois	w	w	w	w	w	w
Indiana	49	45	74	188	270	-30.4
Michigan	w	w	w	w	w	w
Ohio	34	76	67	219	396	-44.8
Wisconsin	w	w	w	w	w	w
West North Central Total	w	w	w	w	w	w
Iowa	57	26	2	84	34	148.5
Kansas	18	*	20	18	30	-39.7
Minnesota	40	97	51	212	158	34.4
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	156	147	189	536	650	-17.6
Delaware	w	w	w	w	w	w
District of Columbia	2	-	3	2	32	-92.9
Florida	-	*	-	*	19	-98.9
Georgia	10	10	11	53	25	113.7
Maryland	w	w	w	w	w	w
North Carolina	38	49	67	168	180	-6.6
South Carolina	-	1	1	15	60	-74.8
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
East South Central Total	55	48	52	200	312	-35.8
Alabama	1	*	2	2	9	-79.0
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	*	1	*	16	1	NM
Arkansas	-	-	-	-	*	-
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	-	-	-	-	*	-
Mountain Total	w	w	w	w	w	w
Arizona	2	2	-	5	*	NM
Colorado	8	2	4	13	12	2.9
Idaho	4	12	4	25	26	-1.9
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	7	14	33	87	145	-39.7
Pacific Total	168	149	178	488	521	-6.2
Alaska	84	104	112	341	341	-.1
California	57	33	51	91	125	-27.6
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	27	12	14	57	54	5.0
U.S. Total	1,061	1,032	1,135	3,731	4,339	-14.0

* Rounded to zero.

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

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

Large quantities of coal produced by many mines are collected and stockpiled in an orderly fashion at storage facility.

Figure 11. Quarterly U.S. Coal Stocks, 1987-1995

Note: Each increment represents end-of-quarter data.
 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;" Producer and Distributor: Form EIA-6, "Coal Distribution Report."

Table 52. U.S. Coal Stocks, 1987-1995
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers ¹				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial ²	Total		
1987 March 31	161,648	2,675	8,850	173,173	36,560	209,733
June 30	163,361	3,735	8,941	176,037	33,939	209,976
September 30	151,961	3,340	10,297	165,598	28,775	194,373
December 31	170,797	3,884	10,777	185,459	28,321	213,780
1988 March 31	162,603	4,057	8,619	175,279	36,764	212,044
June 30	161,215	3,763	8,331	173,308	36,079	209,386
September 30	142,830	2,877	8,624	154,331	31,360	185,691
December 31	146,507	3,137	8,768	158,413	30,418	188,831
1989 March 31	139,036	3,518	6,683	149,238	35,508	184,745
June 30	148,981	3,361	6,671	159,013	30,598	189,612
September 30	135,640	3,707	7,818	147,165	28,848	176,013
December 31	135,860	2,864	7,363	146,087	29,000	175,087
1990 March 31	150,118	3,680	6,984	160,782	35,099	195,881
June 30	161,908	3,739	7,413	173,061	36,895	209,956
September 30	149,913	3,124	8,603	161,639	33,659	195,298
December 31	156,166	3,329	8,716	168,210	33,418	201,629
1991 March 31	161,084	3,130	7,271	171,485	42,162	213,647
June 30	163,459	3,283	6,921	173,663	41,054	214,716
September 30	153,907	2,695	7,258	163,860	33,628	197,488
December 31	157,876	2,773	7,061	167,711	32,971	200,682
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	135,315	2,719	5,422	143,456	42,340	185,796
June 30	143,596	2,624	5,612	151,833	42,097	193,930
September 30	123,227	2,476	5,934	131,637	36,191	167,829

¹ Stock data for the Residential and Commercial sector are not included. See Technical Note 7 in Appendix C.

² Manufacturing plants only.

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, "Coal Distribution Report."

**Table 53. Consumer Coal Stocks by Census Division and State,
September 30, 1995
(Thousand Short Tons)**

Census Division and State	Electric Utilities	Coke Plants	Other Industrial ¹	Total
New England Total	1,223	-	67	1,290
Connecticut	158	-	w	w
Maine	-	-	w	w
Massachusetts	749	-	w	w
New Hampshire	316	-	w	w
Rhode Island	-	-	w	w
Vermont	-	-	w	w
Middle Atlantic Total	11,067	w	w	12,251
New Jersey	686	-	w	w
New York	830	w	152	w
Pennsylvania	9,551	706	231	10,488
East North Central Total	29,276	1,132	1,999	32,406
Illinois	4,199	w	316	w
Indiana	8,777	444	478	9,699
Michigan	7,216	w	757	w
Ohio	5,617	149	134	5,900
Wisconsin	3,467	-	313	3,780
West North Central Total	18,419	-	1,071	19,490
Iowa	4,342	-	580	4,922
Kansas	3,449	-	14	3,463
Minnesota	1,902	-	86	1,988
Missouri	4,913	-	155	5,068
Nebraska	1,538	-	w	w
North Dakota	2,134	-	w	w
South Dakota	140	-	w	w
South Atlantic Total	17,584	w	w	18,589
Delaware	222	-	w	w
District of Columbia	-	-	-	-
Florida	3,032	-	69	3,101
Georgia	3,309	-	121	3,430
Maryland	922	w	25	w
North Carolina	2,777	-	151	2,928
South Carolina	1,795	-	255	2,051
Virginia	1,370	w	185	w
West Virginia	4,158	w	99	w
East South Central Total	9,267	w	w	10,130
Alabama	3,144	285	165	3,595
Kentucky	4,147	w	111	w
Mississippi	582	-	w	w
Tennessee	1,394	-	216	1,610
West South Central Total	19,005	-	404	19,409
Arkansas	2,932	-	29	2,961
Louisiana	2,728	-	27	2,755
Oklahoma	3,805	-	155	3,960
Texas	9,541	-	193	9,734
Mountain Total	15,266	w	394	w
Arizona	3,415	-	50	3,465
Colorado	3,575	-	36	3,611
Idaho	-	-	197	197
Montana	457	-	w	w
Nevada	1,328	-	w	w
New Mexico	1,044	-	w	w
Utah	2,909	w	12	w
Wyoming	2,540	-	83	2,622
Pacific Total	2,120	-	204	2,324
Alaska	1	-	-	1
California	-	-	116	116
Hawaii	-	-	w	w
Oregon	263	-	w	w
Washington	1,856	-	30	1,886
U.S. Total	123,227	2,476	5,934	131,637

¹ Manufacturing plants only.

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

Census Division and State	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
New England Total	1,223	1,232	888	37.8
Connecticut	158	169	186	-15.1
Maine	-	-	-	-
Massachusetts	749	691	412	81.9
New Hampshire	316	373	290	9.1
Rhode Island	-	-	-	-
Vermont	-	-	-	-
Middle Atlantic Total	11,067	12,231	11,939	-7.3
New Jersey	686	704	457	50.1
New York	830	986	734	13.1
Pennsylvania	9,551	10,541	10,749	-11.1
East North Central Total	29,276	35,001	28,726	1.9
Illinois	4,199	5,289	4,557	-7.9
Indiana	8,777	10,856	9,294	-5.6
Michigan	7,216	7,462	6,004	20.2
Ohio	5,617	7,841	6,109	-8.0
Wisconsin	3,467	3,553	2,762	25.5
West North Central Total	18,419	19,240	14,577	26.4
Iowa	4,342	4,520	3,204	35.5
Kansas	3,449	3,537	2,229	54.7
Minnesota	1,902	1,930	1,560	21.9
Missouri	4,913	5,198	3,854	27.5
Nebraska	1,538	1,734	1,102	39.5
North Dakota	2,134	2,229	2,390	-10.7
South Dakota	140	93	239	-41.4
South Atlantic Total	17,584	24,428	19,726	-10.9
Delaware	222	285	301	-26.3
District of Columbia	-	-	-	-
Florida	3,032	4,122	3,474	-12.7
Georgia	3,309	4,992	4,049	-18.3
Maryland	922	1,447	955	-3.5
North Carolina	2,777	4,234	3,172	-12.5
South Carolina	1,795	2,219	1,740	3.2
Virginia	1,370	1,669	1,626	-15.8
West Virginia	4,158	5,461	4,410	-5.7
East South Central Total	9,267	10,747	7,968	16.3
Alabama	3,144	3,831	2,752	14.2
Kentucky	4,147	4,476	3,753	10.5
Mississippi	582	698	454	28.4
Tennessee	1,394	1,741	1,009	38.1
West South Central Total	19,005	20,990	13,745	38.3
Arkansas	2,932	2,966	1,037	182.8
Louisiana	2,728	2,857	1,872	45.7
Oklahoma	3,805	3,858	1,944	95.7
Texas	9,541	11,309	8,892	7.3
Mountain Total	15,266	17,131	13,917	9.7
Arizona	3,415	3,802	3,009	13.5
Colorado	3,575	3,821	3,193	12.0
Idaho	-	-	-	-
Montana	457	498	558	-18.2
Nevada	1,328	1,468	1,103	20.4
New Mexico	1,044	1,172	1,486	-29.7
Utah	2,909	3,578	2,857	1.8
Wyoming	2,540	2,791	1,712	48.4
Pacific Total	2,120	2,596	828	156.1
Alaska	1	1	2	-67.2
California	-	-	-	-
Hawaii	-	-	-	-
Oregon	263	493	285	-7.9
Washington	1,856	2,102	540	243.8
U.S. Total	123,227	143,596	112,314	9.7

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

Table 55. Coal Stocks at Coke Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
New England Total	-	-	-	-
Connecticut	-	-	-	-
Maine	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
Rhode Island	-	-	-	-
Vermont	-	-	-	-
Middle Atlantic Total	W	W	W	W
New Jersey	-	-	-	-
New York	W	W	W	W
Pennsylvania	706	887	821	-14.0
East North Central Total	1,132	1,060	1,114	1.6
Illinois	W	W	W	W
Indiana	444	522	467	-5.0
Michigan	W	W	W	W
Ohio	149	157	132	13.0
Wisconsin	-	-	-	-
West North Central Total	-	-	-	-
Iowa	-	-	-	-
Kansas	-	-	-	-
Minnesota	-	-	-	-
Missouri	-	-	-	-
Nebraska	-	-	-	-
North Dakota	-	-	-	-
South Dakota	-	-	-	-
South Atlantic Total	W	W	W	W
Delaware	-	-	-	-
District of Columbia	-	-	-	-
Florida	-	-	-	-
Georgia	-	-	-	-
Maryland	W	W	W	W
North Carolina	-	-	-	-
South Carolina	-	-	-	-
Virginia	W	W	W	W
West Virginia	W	W	W	W
East South Central Total	W	W	W	W
Alabama	285	339	351	-18.7
Kentucky	W	W	W	W
Mississippi	-	-	-	-
Tennessee	-	-	-	-
West South Central Total	-	-	21	-
Arkansas	-	-	-	-
Louisiana	-	-	-	-
Oklahoma	-	-	-	-
Texas	-	-	21	-
Mountain Total	W	W	W	W
Arizona	-	-	-	-
Colorado	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
Nevada	-	-	-	-
New Mexico	-	-	-	-
Utah	W	W	W	W
Wyoming	-	-	-	-
Pacific Total	-	-	-	-
Alaska	-	-	-	-
California	-	-	-	-
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	-	-	-
By Plant Type				
Merchant Coke Plants	251	301	312	-19.6
Furnace Coke Plants	2,225	2,323	2,394	-7.1
U.S. Total	2,476	2,624	2,706	-8.5

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

Census Division and State	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
New England Total	67	65	48	39.5
Connecticut	W	W	W	W
Maine	W	W	W	W
Massachusetts	W	W	W	W
New Hampshire	W	W	W	W
Rhode Island	W	W	W	W
Vermont	W	W	W	W
Middle Atlantic Total	W	W	W	W
New Jersey	W	W	W	W
New York	152	158	171	-11.3
Pennsylvania	231	252	251	-8.1
East North Central Total	1,999	1,859	2,105	-5.0
Illinois	316	331	344	-8.1
Indiana	478	504	640	-25.2
Michigan	757	667	655	15.6
Ohio	134	141	150	-10.2
Wisconsin	313	216	317	-1.2
West North Central Total	1,071	801	1,073	-1
Iowa	580	403	592	-2.1
Kansas	14	14	13	1.3
Minnesota	86	49	59	45.6
Missouri	155	136	143	8.5
Nebraska	W	W	W	W
North Dakota	W	W	W	W
South Dakota	W	W	W	W
South Atlantic Total	W	W	W	W
Delaware	W	W	W	W
District of Columbia	-	-	-	-
Florida	69	69	104	-33.9
Georgia	121	137	129	-6.2
Maryland	25	32	33	-24.0
North Carolina	151	153	167	-9.8
South Carolina	255	257	275	-7.1
Virginia	185	149	173	7.4
West Virginia	99	94	145	-31.7
East South Central Total	W	W	W	W
Alabama	165	167	162	2.2
Kentucky	111	105	121	-8.3
Mississippi	W	W	W	W
Tennessee	216	245	224	-3.6
West South Central Total	404	451	409	-1.1
Arkansas	29	22	18	56.3
Louisiana	W	W	W	W
Oklahoma	W	W	W	W
Texas	193	239	212	-8.9
Mountain Total	394	316	381	3.4
Arizona	50	50	44	13.6
Colorado	36	30	19	88.2
Idaho	197	114	180	9.4
Montana	W	W	W	W
Nevada	W	W	W	W
New Mexico	W	W	W	W
Utah	12	9	15	-20.1
Wyoming	83	88	82	1.3
Pacific Total	204	292	216	-5.6
Alaska	-	-	-	-
California	116	207	124	-6.2
Hawaii	W	W	W	W
Oregon	W	W	W	W
Washington	30	33	42	-29.7
U.S. Total	5,934	5,612	6,206	-4.4

* 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 57. U.S. Coal Stocks at Manufacturing Plants by Standard Industrial Classification (SIC) Code
(Thousand Short Tons)

SIC Code	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
20 Food and kindred products	904	610	806	12.2
21 Tobacco products	24	27	35	-31.6
22 Textile mill products	97	110	122	-20.2
23 Apparel, other textile products	w	w	w	w
24 Lumber and wood products	34	31	7	352.1
25 Furniture and fixtures	39	23	33	19.5
26 Paper and allied products	1,147	1,027	1,137	.9
27 Printing and publishing	w	w	w	w
28 Chemicals, allied products	979	1,023	1,090	-10.2
29 Petroleum and coal products ¹	127	151	251	-49.5
30 Rubber, misc. plastic products	12	11	12	1.5
31 Leather, leather products	w	w	w	w
32 Stone, clay, glass products	1,757	1,773	1,745	.7
33 Primary metal industries ²	486	515	586	-17.0
34 Fabricated metal products	45	50	47	-5.1
35 Machinery, except electric	103	60	86	20.1
36 Electric, electronic equipment	15	14	22	-32.5
37 Transportation equipment	w	w	w	w
38 Instruments, related products	w	w	w	w
39 Misc. manufacturing industries	w	w	w	w
U.S. Total	5,934	5,612	6,206	-4.4

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 58. Coke and Breeze Stocks at Coke Plants
(Thousand Short Tons)

	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
Coke Total	1,170	1,143	997	17.3
By State				
Alabama	79	84	104	-23.8
Illinois	w	w	w	w
Indiana	332	306	232	43.1
Kentucky	w	w	w	w
Michigan	w	w	w	w
New York	w	w	w	w
Ohio	101	104	87	16.2
Pennsylvania	222	221	202	9.9
Texas	w	w	w	w
Utah	w	w	w	w
Virginia	w	w	w	w
West Virginia	w	w	w	w
By Plant Type				
Merchant Coke Plants	113	120	162	-30.0
Furnace Coke Plants	1,057	1,023	836	26.5
Breeze Total	114	97	137	-17.1

^w Withheld to avoid disclosure of individual company data.

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

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

Table 59. Coal Stocks at Coal Producers and Distributors by Coal-Producing State
(Thousand Short Tons)

Coal-Producing State	September 30, 1995	June 30, 1995	September 30, 1994	Percent Difference September 30: 1995 versus 1994
Alabama	1,433	1,762	1,305	9.8
Alaska	53	63	56	-5.6
Arizona	2,795	3,051	2,884	-3.1
Arkansas	4	2	3	42.9
Colorado	866	997	1,587	-45.5
Illinois	2,305	3,417	1,413	63.1
Indiana	601	804	876	-31.4
Kansas	30	-	24	25.7
Kentucky Total	5,065	6,798	4,276	18.5
Eastern	4,315	5,463	3,466	24.5
Western	749	1,335	809	-7.4
Louisiana	317	328	52	NM
Maryland	185	317	237	-21.9
Missouri	-	17	-	-
Montana	769	653	857	-10.2
New Mexico	2,094	2,261	1,600	30.9
North Dakota	1,728	1,883	1,788	-3.3
Ohio	1,047	850	924	13.3
Oklahoma	3	3	4	-6.0
Pennsylvania Total	2,902	3,801	2,880	.7
Anthracite	336	312	309	8.6
Bituminous	2,566	3,488	2,571	-2
Tennessee	128	74	64	100.7
Texas	362	765	1,859	-80.5
Utah	2,143	2,034	1,256	70.6
Virginia	1,389	1,168	1,172	18.5
Washington	58	59	57	1.5
West Virginia Total	7,525	8,658	6,023	24.9
Northern	2,170	2,925	1,635	32.7
Southern	5,355	5,733	4,388	22.0
Wyoming	2,388	2,332	1,757	35.9
Appalachian Total	18,924	22,093	16,072	17.7
Interior Total	4,373	6,672	5,041	-13.2
Western Total	12,895	13,332	11,843	8.9
East of the Miss. River	22,580	27,649	19,170	17.8
West of the Miss. River	13,612	14,448	13,784	-1.3
U.S. Total	36,191	42,097	32,955	9.8

^{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-6, "Coal Distribution Report."

Appendix A

U.S. Coal Imports

At Newport News, Virginia, a collier waits to be loaded with coal for foreign markets. About 10 percent of all coal produced in the U.S. is exported.

Appendix A

U.S. Coal Imports

From July through September 1995, U.S. coal imports totaled 1.7 million short tons, 25 percent lower than the level for the same period in 1994. Lower coal shipments from Colombia to Florida was the primary reason for the decline.

U.S. coal imports for the first 9 months of 1995 totaled 5.1 million short tons, an 11-percent drop from the corresponding 1994 level. Most of this decrease can be

attributed to lower Colombian coal deliveries (948 thousand short tons less). Higher coal prices may have been a factor leading to the decline.

Receipts of imported coal at U.S. electric utility plants in the third quarter of 1995 reached 1.1 million short tons, down 22 percent from the third quarter of 1994, mainly due to decreased receipts of Colombian coal which was partially offset by increased receipts of Venezuelan coal. Electric utilities reported coal imports of 3.2 million short tons for the first 9 months of 1995, 18 percent below the corresponding 1994 level. Despite increased receipts of Venezuelan and Indonesian coal, lower coal receipts from Colombia accounted for most of the change. Reduced receipts at Jacksonville Electric Authority's, St. John's River plant accounted for most of this decline.

The value of coal imports for the third quarter of 1995 reached \$58 million, based on an average price of \$33.61 per short ton. Coal imports for the first 9 months of 1995 were valued at \$174 million based on an average price of \$33.96 per short ton.

Table A1. Quantity and Average Price of U.S. Coal Imports, 1987-1995
(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
1987	331	\$35.04	483	\$31.69	475	\$31.94	459	\$30.35	1,747	\$32.04
1988	542	28.94	587	33.74	437	26.77	567	29.47	2,134	29.96
1989	531	33.65	687	34.19	925	34.92	708	33.44	2,851	34.14
1990	735	35.07	674	33.67	514	32.05	776	36.14	2,699	34.45
1991	938	33.71	730	34.60	984	31.45	738	33.16	3,390	33.12
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	NA	NA	5,130	33.96

^{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, 1987-1995
(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	Malaysia	Venezuela	Other Countries	Total
Quantity								
1987	211	507	957	-	-	30	43	1,747
1988	66	552	1,225	-	-	203	88	2,134
1989	35	1,004	1,339	-	-	357	117	2,851
1990	24	973	1,428	-	-	263	12	2,699
1991	31	935	1,881	7	-	535	*	3,390
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								
January - March	27	219	1,121	217	-	259	7	1,850
April - June	34	320	640	195	-	257	130	1,577
July - September	-	330	1,128	342	-	474	30	2,304
October - December	31	384	501	376	-	539	22	1,853
Total	92	1,253	3,390	1,130	-	1,531	188	7,584
1995								
January - March	44	222	782	254	-	493	*	1,795
April - June	72	353	454	176	-	488	67	1,609
July - September	50	383	704	284	-	305	*	1,725
Total	166	957	1,940	713	-	1,286	68	5,130
Average Price								
1987	\$27.17	\$32.97	\$32.89	-	-	\$35.22	\$23.89	\$32.04
1988	29.86	31.44	28.83	-	-	26.09	45.43	29.96
1989	34.44	25.73	35.49	-	-	33.48	33.40	31.97
1990	41.73	24.45	36.87	-	-	41.50	37.81	33.43
1991	37.97	25.10	32.87	-	-	40.87	-	32.34
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								
January - March	32.10	24.04	27.51	36.68	-	28.44	-	28.42
April - June	26.75	27.43	27.61	35.17	-	28.03	23.30	28.23
July - September	-	38.41	27.14	34.41	-	34.43	48.08	31.11
October - December	31.78	32.99	27.86	30.88	-	34.63	44.14	31.73
Total	30.02	30.61	27.46	33.80	-	32.41	29.33	29.98
1995								
January - March	31.49	27.14	30.67	32.27	-	33.01	-	31.28
April - June	29.68	33.67	31.19	41.79	-	36.56	46.42	34.94
July - September	31.37	34.48	30.25	35.54	-	35.85	25.70	33.05
Total	30.66	32.79	30.64	35.92	-	35.03	46.35	33.02

¹ Average prices of \$50 or more are not shown.

* Rounded to zero.

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 \$50, 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	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
U.S. Total	1,725,291	1,609,473	2,304,056	5,130,021	5,730,545	-10.5
Exporting Country: Australia						
Honolulu, HI	49,787	72,274	-	165,745	60,947	171.9
Total	49,787	72,274	-	165,745	60,947	171.9
Exporting Country: Canada						
Chicago, IL	-	28,318	147,009	34,957	176,778	-80.2
Detroit, MI	182,952	118,735	115,386	301,687	218,240	38.2
Duluth, MN	69,619	63,251	9,782	181,825	32,139	465.7
Great Falls, MT	-	231	4,887	645	23,359	-97.2
Pembina, ND	117,943	141,975	52,642	419,826	412,581	1.8
Seattle, WA	12,126	-	22	18,228	6,133	197.2
Total	382,640	352,510	329,728	957,168	869,230	10.1
Exporting Country: Colombia						
Mobile, AL	65,147	31,116	118,466	127,117	303,905	-58.2
Miami, FL	-	26,035	2,457	26,035	7,496	247.3
Tampa, FL	359,406	133,671	681,058	957,277	1,753,233	-45.4
Boston, MA	194,928	102,510	76,862	471,112	260,828	80.6
Baltimore, MD	-	-	-	28,328	88,668	-68.1
Portland, ME	29,057	60,431	81,853	116,965	164,325	-28.8
Philadelphia, PA	-	28,071	28,164	55,399	50,196	10.4
San Juan, PR	55,638	71,975	-	158,160	-	-
Houston-Galveston, TX ..	-	-	117,257	-	117,257	-
Norfolk, VA	-	-	-	-	24,801	-
Virgin Islands	-	-	21,784	-	117,867	-
Total	704,176	453,809	1,127,901	1,940,393	2,888,576	-32.8
Exporting Country: Indonesia						
Honolulu, HI	173,865	175,593	163,899	462,228	460,942	0.3
New Orleans, LA	69,815	-	136,284	210,783	211,301	-2
Portland, ME	39,928	-	42,128	39,928	81,996	-51.3
Total	283,608	175,593	342,311	712,939	754,239	-5.5
Exporting Country: Venezuela						
Mobile, AL	173,244	248,183	191,992	618,207	226,683	172.7
Boston, MA	131,640	148,287	161,930	495,532	561,065	-11.7
Portland, ME	-	91,701	64,135	150,278	99,875	50.5
San Juan, PR	-	-	28,109	-	55,765	-
Virgin Islands	-	-	28,243	22,046	47,902	-54.0
Total	304,884	488,171	474,409	1,286,063	991,290	29.7
Other Exporting Countries						
Mobile, AL	-	-	-	-	124,171	-
Los Angeles, CA	-	-	-	-	12	-
San Diego, CA	-	-	-	49	-	-
Tampa, FL	53	-	-	53	-	-
Savannah, GA	-	-	1	-	1	-
Chicago, IL	-	-	-	26	-	-
New Orleans, LA	-	42,439	29,706	42,439	41,892	1.3
New York City, NY	143	-	-	379	-	-
San Juan, PR	-	24,656	-	24,656	-	-
Houston-Galveston, TX ..	-	-	-	-	99	-
Laredo, TX	-	21	-	111	88	26.1
Total	196	67,116	29,707	67,713	166,263	-59.3

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	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
Total	\$33.05	\$34.94	\$31.11	\$33.02	\$29.42	12.3
Exporting Country: Australia						
Honolulu, HI	\$31.37	\$29.68	-	\$30.66	\$29.12	5.3
Total	31.37	29.68	-	30.66	29.12	5.3
Exporting Country: Canada						
Chicago, IL	-	-	\$44.20	-	\$32.91	-
Detroit, MI	\$39.85	\$41.44	42.59	\$40.47	40.69	-0.5
Duluth, MN	38.54	38.44	-	38.49	31.18	23.4
Pembina, ND	24.46	24.48	23.42	25.49	22.48	13.4
Seattle, WA	26.96	-	-	26.94	29.04	-7.2
Total	34.48	33.67	38.41	32.79	29.45	11.3
Exporting Country: Colombia						
Mobile, AL	\$27.36	\$27.36	\$25.74	\$27.27	\$24.95	9.3
Miami, FL	-	42.49	24.69	42.49	24.81	71.3
Tampa, FL	32.28	31.71	27.97	31.59	27.81	13.6
Boston, MA	26.45	26.22	24.98	27.28	27.43	-5
Baltimore, MD	-	-	-	33.52	28.23	18.8
Portland, ME	30.84	29.59	25.59	30.16	25.59	17.9
Philadelphia, PA	-	37.07	29.57	35.43	32.42	9.3
San Juan, PR	33.53	33.92	-	33.81	-	-
Houston-Galveston, TX ..	-	-	25.23	-	25.23	-
Norfolk, VA	-	-	-	-	24.98	-
Virgin Islands	-	-	29.94	-	29.94	-
Total	30.25	31.19	27.14	30.64	27.39	11.9
Exporting Country: Indonesia						
Honolulu, HI	\$43.12	\$41.79	\$43.21	\$42.58	\$40.87	4.2
New Orleans, LA	20.81	-	27.78	22.75	27.86	-18.3
Portland, ME	28.29	-	21.66	28.29	22.79	24.2
Total	35.54	41.79	34.41	35.92	35.26	1.9
Exporting Country: Venezuela						
Mobile, AL	\$40.79	\$40.79	\$40.41	\$40.75	\$38.48	5.9
Boston, MA	29.36	28.34	27.80	28.45	28.12	1.2
Portland, ME	-	38.39	39.01	33.94	35.44	-4.2
San Juan, PR	-	-	25.85	-	26.08	-
Virgin Islands	-	-	29.94	29.94	29.94	*
Total	35.85	36.56	34.43	35.03	31.20	12.3
Other Exporting Countries						
Mobile, AL	-	-	-	-	\$23.30	-
New Orleans, LA	-	\$46.42	\$48.08	\$46.42	48.08	-3.4
New York City, NY	\$25.70	-	-	25.70	-	-
Total	25.70	46.42	48.08	46.35	27.17	70.6

* Rounded to zero.

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 \$50, 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	July - September 1995	April - June 1995	July - September 1994	Year to Date		
				1995	1994	Percent Change
U.S. Total	1,134,758	685,438	1,459,292	3,246,080	3,954,469	-17.9
Exporting Country: Canada						
Detroit Edison Co, River Rouge	-	-	-	-	20,000	-
Takoma Dept. of Public Utilities, Steam No.2	12,119	-	-	18,159	6,350	186.0
Total	12,119	-	-	18,159	26,350	-31.1
Exporting Country: Colombia						
Baltimore Gas and Electric, Brandon Shores	-	-	-	-	88,000	-
Central Power and Light (CSW), Coletto Creek	-	-	117,258	-	117,258	-
Delmarva Power & Light, Edgemoor	-	-	-	-	22,031	-
Gulf Power, Crist	-	-	15,700	-	29,800	-
Gulf Power, Smith	-	-	74,700	-	286,600	-
Jacksonville Electric Authority, St Johns River	400,020	133,670	636,370	997,880	1,704,630	-41.5
New England Power (NEES), Brayton Point	77,100	-	-	196,000	51,300	282.1
New England Power (NEES), Salem Harbor	80,900	83,800	40,200	164,700	84,200	95.6
Public Serv Co of New Hampshire, Merrimack	-	11,509	-	11,509	-	-
Public Serv Co of New Hampshire, Schiller	25,027	70,359	79,804	122,863	163,311	-24.8
Public Serv Electric & Gas-NJ, Hudson	-	-	-	-	22,500	-
Savannah Electric and Power, Port Wentworth	-	-	-	-	11,902	-
Total	583,047	299,338	964,032	1,492,952	2,581,532	-42.2
Exporting Country: Indonesia						
Cajun Electric Power Coop, Big Cajun No. 2	-	-	136,282	-	169,181	-
Holyoke Water Power (NU), Mount Tom	-	-	7,938	-	7,938	-
Public Serv Co of New Hampshire, Schiller	39,928	-	34,190	39,928	74,058	-46.1
Tampa Electric, Davant Transfer	69,814	-	-	284,031	-	-
Total	109,742	-	178,410	323,959	251,177	29.0
Exporting Country: South Africa						
Gulf Power, Smith	-	-	24,100	-	127,300	-
Total	-	-	24,100	-	127,300	-
Exporting Country: Venezuela						
Central Hudson Gas & Electric, Danskammer	-	-	-	28,189	-	-
Florida Power Corp, IMT Transfer	-	-	-	-	55,260	-
Gulf Power, Crist	246,500	213,450	91,350	619,100	144,050	329.8
Gulf Power, Smith	20,950	6,250	7,500	111,600	7,500	NM
New England Power (NEES), Brayton Point	85,700	71,900	111,800	291,500	289,100	.8
New England Power (NEES), Salem Harbor	76,700	94,500	82,100	306,200	472,200	-35.2
Public Serv Co of New Hampshire, Schiller	-	-	-	54,421	-	-
Total	429,850	386,100	292,750	1,411,010	968,110	45.7

NM Not meaningful.

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, 1990-1995**

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						
January - March	60.0	12,418	.71	6.27	150.1	37.28
April - June	28.0	12,297	.55	9.70	141.1	34.70
Total	88.0	12,379	.66	7.36	147.3	36.46
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
Indonesia						
1994						
April - June	32.9	9,765	0.08	0.76	168.5	32.91
July - September	136.3	9,687	.11	1.31	166.3	32.23
Total	169.2	9,702	.10	1.20	166.8	32.36
Company and Plant: Carolina Power and Light, Sutton						
Colombia						
1994						
October - December	26.6	12,200	0.70	9.00	145.5	35.50
Total	26.6	12,200	.70	9.00	145.5	35.50
Company and Plant: Central Hudson Gas & Electric, Danskammer						
Venezuela						
1995						
January - March	28.2	13,281	0.56	7.30	224.1	59.53
Total	28.2	13,281	.56	7.30	224.1	59.53
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						
July - September	117.3	11,935	.53	4.51	154.7	36.93
October - December	36.1	11,910	.64	6.70	129.8	30.92
Total	153.4	11,929	.55	5.03	148.9	35.51
Venezuela						
1992	42.5	13,214	.66	7.20	175.8	46.46
Company and Plant: Delmarva Power & Light, Edgemoor						
Colombia						
1994						
January - March	22.0	12,370	0.58	5.98	168.2	41.61
Total	22.0	12,370	.58	5.98	168.2	41.61
Company and Plant: Detroit Edison Co, River Rouge						
Canada						
1994						
January - March	20.0	11,099	0.27	10.10	149.9	33.27
October - December	37.0	10,954	.21	10.38	149.9	32.84
Total	57.0	11,005	.23	10.28	149.9	32.99

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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: Florida Power Corp, IMT Transfer						
Venezuela						
1994						
January - March	55.3	12,849	0.60	6.14	152.3	39.15
October - December	29.1	12,644	.71	7.19	163.8	41.42
Total	84.4	12,778	.64	6.50	156.3	39.93
Company and Plant: Gulf Power, Crist						
Colombia						
1993	280.2	11,983	0.59	5.53	188.5	45.18
1994						
January - March	12.2	12,379	.61	4.52	175.6	43.47
April - June	1.9	12,414	.67	4.60	166.3	41.29
July - September	15.7	12,110	.57	6.00	148.5	35.97
Total	29.8	12,239	.59	5.30	160.9	39.38
Venezuela						
1993	234.8	12,992	.59	6.11	172.2	44.75
1994						
January - March	52.7	12,516	.97	5.64	169.6	42.45
July - September	91.3	12,214	1.04	6.26	228.0	55.70
October - December	139.4	12,176	1.04	6.53	228.0	55.52
Total	283.4	12,252	1.03	6.28	216.9	53.15
1995						
January - March	159.1	12,327	.94	6.13	230.7	56.88
April - June	213.4	12,388	.86	6.40	230.4	57.07
July - September	246.5	12,392	.94	6.38	231.0	57.25
Total	619.1	12,374	.91	6.32	230.7	57.10
Company and Plant: Gulf Power, Scholtz						
Colombia						
1993	7.5	12,170	0.62	7.50	164.4	40.01
Venezuela						
1993	16.0	12,958	.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						
January - March	158.8	12,341	.63	4.72	178.5	44.06
April - June	53.1	12,252	.67	3.86	186.7	45.74
July - September	74.7	12,241	.54	3.22	148.9	36.46
Total	286.6	12,299	.61	4.17	172.3	42.39
South Africa						
1994						
April - June	103.2	11,306	.64	12.62	184.4	41.70
July - September	24.1	11,370	.68	12.50	167.2	38.02
Total	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1994						
July - September	7.5	12,163	.80	6.60	232.5	56.56
October - December	46.3	12,290	.99	6.51	228.6	56.19
Total	53.8	12,272	.96	6.52	229.1	56.24
1995						
January - March	84.4	12,197	.95	6.51	236.5	57.70
April - June	6.2	12,267	.88	6.97	234.3	57.49
July - September	20.9	12,189	1.26	6.53	235.3	57.36
Total	111.6	12,200	1.01	6.54	236.2	57.63

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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: Holyoke Water Power (NU), Mount Tom						
Indonesia						
1994						
July - September	7.9	12,651	0.43	3.30	195.4	49.44
Total	7.9	12,651	.43	3.30	195.4	49.44
Company and Plant: Jacksonville Electric Authority, St Johns River						
Colombia						
1990	1,007.7	11,938	0.74	6.58	171.6	40.96
1991	1,582.6	11,978	.73	7.04	153.1	36.68
1992	1,418.6	11,897	.71	6.91	150.0	35.70
1993	2,291.2	11,849	.68	7.21	136.9	32.44
1994						
January - March	689.6	11,899	.70	7.62	135.7	32.29
April - June	378.6	11,870	.66	7.56	132.6	31.47
July - September	636.4	11,867	.69	7.36	136.4	32.37
October - December	327.5	11,896	.68	6.82	137.4	32.68
Total	2,032.1	11,883	.69	7.40	135.6	32.22
1995						
January - March	464.2	11,884	.70	7.39	148.0	35.18
April - June	133.7	11,752	.66	7.90	152.1	35.75
July - September	400.0	11,810	.66	7.48	153.8	36.32
Total	997.9	11,836	.68	7.49	150.9	35.71
Venezuela						
1990	40.1	12,288	.77	11.50	170.7	41.95
1991	42.2	12,913	.56	8.90	126.9	32.77
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: New England Power (NEES), Brayton Point						
Colombia						
1990	30.1	12,837	0.76	8.70	177.3	45.52
1993	187.2	12,144	.64	5.42	178.5	43.35
1994						
January - March	40.1	12,145	.68	5.57	181.9	44.18
April - June	11.2	12,080	.54	5.73	137.3	33.17
Total	51.3	12,131	.65	5.60	172.2	41.78
1995						
January - March	118.9	12,218	.61	5.66	168.8	41.26
July - September	77.1	12,178	.61	5.31	162.1	39.48
Total	196.0	12,202	.61	5.52	166.2	40.56
Venezuela						
1990	69.8	12,773	.61	7.39	181.0	46.23
1991	83.7	13,390	.77	7.55	167.3	44.81
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						
January - March	85.6	13,303	.75	7.62	153.2	40.76
April - June	91.7	13,021	.66	7.03	150.1	39.10
July - September	111.8	12,858	.70	6.57	165.1	42.47
October - December	62.1	12,555	.74	7.02	141.5	35.54
Total	351.2	12,955	.71	7.03	154.2	39.95
1995						
January - March	133.9	12,912	.66	7.38	162.5	41.95
April - June	71.9	12,879	.64	6.18	176.8	45.55
July - September	85.7	12,440	.68	7.19	153.2	38.11
Total	291.5	12,765	.66	7.03	163.4	41.71

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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), Salem Harbor						
Canada						
1992	32.8	13,569	1.40	3.82	174.9	47.46
Colombia						
1990	74.7	12,176	.66	5.07	195.7	47.65
1994						
April - June	44.0	12,080	.54	5.73	137.3	33.18
July - September	40.2	11,949	.61	6.45	184.9	44.19
Total	84.2	12,017	.57	6.07	159.9	38.44
1995						
April - June	83.8	12,110	.58	5.60	141.0	34.14
July - September	80.9	12,136	.57	5.32	139.3	33.80
Total	164.7	12,123	.57	5.46	140.1	33.97
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						
January - March	220.5	12,666	.58	6.80	158.5	40.16
April - June	169.6	12,557	.66	6.31	177.7	44.62
July - September	82.1	12,744	.68	5.99	145.3	37.04
October - December	93.3	12,866	.72	6.53	142.5	36.66
Total	565.5	12,678	.64	6.49	159.6	40.47
1995						
January - March	135.0	12,937	.66	5.96	164.6	42.59
April - June	94.5	12,783	.63	6.78	164.1	41.95
July - September	76.7	12,817	.67	6.31	173.9	44.59
Total	306.2	12,860	.65	6.30	166.8	42.89
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						
April - June	11.5	11,578	0.53	3.80	192.9	44.67
Total	11.5	11,578	.53	3.80	192.9	44.67
Indonesia						
1993	21.2	12,620	.49	3.80	186.5	47.07
Venezuela						
1993	24.9	12,920	.58	6.00	163.2	42.17
Company and Plant: Public Serv Co of New Hampshire, Schiller						
Canada						
1990	33.6	13,459	1.30	5.90	181.0	48.72
Colombia						
1992	48.4	12,428	.61	6.31	157.2	39.08
1993	52.1	12,861	.64	7.49	150.0	38.59

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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 Co of New Hampshire, Schiller						
Colombia						
1994						
January - March	29.5	12,417	0.59	5.60	137.4	34.12
April - June	54.0	12,523	.62	5.22	135.3	33.87
July - September	79.8	12,526	.63	5.75	135.0	33.82
Total	163.3	12,505	.62	5.55	135.5	33.89
1995						
January - March	27.5	12,271	.66	5.90	161.9	39.73
April - June	70.4	13,062	.62	7.54	161.3	42.14
July - September	25.0	12,312	.56	5.20	153.8	37.87
Total	122.9	12,733	.62	6.70	160.0	40.73
Indonesia						
1993	16.0	12,620	.49	3.80	161.3	40.71
1994						
January - March	39.9	12,307	.60	3.60	162.1	39.90
July - September	34.2	12,351	.43	3.30	157.3	38.86
October - December	38.9	12,423	.55	3.80	156.4	38.86
Total	113.0	12,360	.53	3.58	158.7	39.23
1995						
July - September	39.9	12,756	.50	3.52	174.4	44.49
Total	39.9	12,756	.50	3.52	174.4	44.49
Venezuela						
1990	110.2	13,105	.49	4.82	187.7	49.19
1991	207.1	12,989	.52	5.65	173.6	45.10
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						
January - March	54.4	13,060	.69	7.25	154.8	40.44
Total	54.4	13,060	.69	7.25	154.8	40.44
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
Colombia						
1994						
January - March	22.5	12,870	0.68	6.90	166.9	42.96
Total	22.5	12,870	.68	6.90	166.9	42.96
Company and Plant: Savannah Electric and Power, Port Wentworth						
Colombia						
1994						
January - March	11.9	11,235	0.69	5.87	214.1	48.12
Total	11.9	11,235	.69	5.87	214.1	48.12
Venezuela						
1994						
October - December	16.8	12,575	1.12	8.60	168.0	42.25
Total	16.8	12,575	1.12	8.60	168.0	42.25
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
Canada						
1991	26.9	9,994	0.46	12.76	209.2	41.82
1992	15.3	9,993	.42	12.95	214.7	42.90
1993	29.2	10,036	.48	12.60	179.5	36.03
1994						
January - March	6.3	9,806	.48	12.80	178.0	34.91
Total	6.3	9,806	.48	12.80	178.0	34.91
1995						
January - March	6.0	10,012	.48	13.00	166.0	33.24
July - September	12.1	10,139	.47	12.99	166.0	33.66
Total	18.2	10,096	.47	12.99	166.0	33.52

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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, Big Bend ²						
Indonesia 1991	24.3	9,815	0.07	1.20	227.3	44.62
Company and Plant: Tampa Electric, Davant Transfer						
Colombia 1993	222.2	10,844	0.62	7.63	166.6	36.13
Indonesia 1994						
October - December	147.2	9,871	.09	1.10	143.0	28.24
Total	147.2	9,871	.09	1.10	143.0	28.24
1995						
January - March	214.2	9,710	.40	1.16	140.1	27.20
July - September	69.8	9,672	.10	1.10	149.7	28.96
Total	284.0	9,701	.33	1.15	142.4	27.63
Venezuela 1993	61.4	11,056	1.48	9.78	220.7	48.80
Total of U.S. Electric Utility Plants						
Canada						
1990	33.6	13,459	1.30	5.90	181.0	48.72
1991	26.9	9,994	.46	12.76	209.2	41.82
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						
January - March	26.3	10,787	.32	10.75	156.1	33.67
October - December	37.0	10,954	.21	10.38	149.9	32.84
Total	63.3	10,885	.26	10.53	152.4	33.19
1995						
January - March	6.0	10,012	.48	13.00	166.0	33.24
July - September	12.1	10,139	.47	12.99	166.0	33.66
Total	18.2	10,096	.47	12.99	166.0	33.52
Colombia						
1990	1,112.5	11,978	.73	6.54	173.4	41.53
1991	1,582.6	11,978	.73	7.04	153.1	36.68
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						
January - March	1,046.7	12,049	.69	6.86	147.7	35.60
April - June	570.8	12,010	.64	6.91	139.0	33.38
July - September	964.0	11,966	.65	6.50	141.7	33.91
October - December	390.3	11,918	.68	6.95	137.2	32.71
Total	2,971.8	11,997	.66	6.76	142.7	34.25
1995						
January - March	610.6	11,966	.68	6.99	152.8	36.57
April - June	299.3	12,154	.62	7.01	152.8	37.14
July - September	583.0	11,925	.64	6.79	152.8	36.45
Total	1,493.0	11,988	.65	6.92	152.8	36.64
Indonesia						
1991	24.3	9,815	.07	1.20	227.3	44.62
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						
January - March	39.9	12,307	.60	3.60	162.1	39.90
April - June	32.9	9,765	.08	.76	168.5	32.91
July - September	178.4	10,329	.19	1.78	165.9	34.26
October - December	186.1	10,404	.19	1.66	146.4	30.46
Total	437.3	10,499	.22	1.82	157.4	33.06

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants
by Origin, 1990-1995 (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						
Indonesia						
1995						
January - March	214.2	9,710	0.40	1.16	140.1	27.20
July - September	109.7	10,794	.25	1.98	160.3	34.61
Total	324.0	10,078	.35	1.44	147.4	29.71
South Africa						
1994						
April - June	103.2	11,306	.64	12.62	184.4	41.70
July - September	24.1	11,370	.68	12.50	167.2	38.02
Total	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1990	220.1	12,851	.58	6.85	182.6	46.93
1991	333.0	13,080	.59	6.54	166.2	43.47
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						
January - March	414.1	12,803	.67	6.73	157.9	40.44
April - June	261.3	12,720	.66	6.57	167.8	42.68
July - September	292.7	12,607	.81	6.31	180.2	45.43
October - December	387.1	12,469	.88	6.75	185.3	46.21
Total	1,355.2	12,649	.76	6.61	172.3	43.60
1995						
January - March	595.1	12,691	.78	6.59	193.1	49.02
April - June	386.1	12,574	.77	6.46	203.7	51.23
July - September	429.8	12,467	.85	6.54	205.3	51.18
Total	1,411.0	12,591	.80	6.54	199.7	50.28

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.

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, 1990-1995**

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						
1990						
Kentucky	406.0	12,942	0.73	7.88	159.6	41.30
Virginia	7.0	13,175	.56	8.70	168.4	44.37
West Virginia	1,449.0	12,681	.69	9.87	155.3	39.40
Total	1,862.0	12,740	.70	9.43	156.3	39.83
1991						
Kentucky	279.0	13,031	.65	7.36	156.5	40.78
West Virginia	2,033.0	12,783	.70	9.45	155.1	39.66
Total	2,312.0	12,813	.70	9.20	155.3	39.80
1992						
Kentucky	215.0	12,922	.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						
January - March						
Kentucky	73.0	13,120	.75	7.02	154.6	40.56
West Virginia	884.0	12,498	.67	10.88	147.2	36.79
Total	957.0	12,546	.68	10.58	147.8	37.08
April - June						
Kentucky	252.0	13,507	.70	5.54	147.7	39.90
West Virginia	704.0	12,496	.69	11.04	146.4	36.58
Total	956.0	12,763	.69	9.59	146.7	37.45
July - September						
Kentucky	146.0	13,106	.75	7.15	157.5	41.27
West Virginia	555.0	12,382	.69	11.28	145.5	36.03
Total	701.0	12,533	.70	10.42	148.1	37.13
Year to Date						
Kentucky	471.0	13,323	.73	6.27	151.7	40.43
West Virginia	2,143.0	12,467	.68	11.03	146.5	36.52
Total	2,614.0	12,622	.69	10.18	147.5	37.23
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
1990						
West Virginia	210.8	13,189	0.67	5.83	204.2	53.86
Wyoming	4,471.0	8,388	.43	5.33	167.7	28.14
Total	4,681.8	8,604	.44	5.35	170.3	29.30
1991						
West Virginia	152.5	13,180	.60	6.15	158.6	41.80
Wyoming	5,059.3	8,451	.41	5.20	152.8	25.82
Total	5,211.8	8,590	.42	5.23	153.0	26.29
1992						
Wyoming	5,343.7	8,368	.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						
January - March						
Wyoming	1,489.1	8,475	.37	4.93	153.1	25.95
Total	1,489.1	8,475	.37	4.93	153.1	25.95

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, 1990-1995 (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						
1995						
April - June						
Wyoming	1,478.1	8,434	0.34	5.00	158.2	26.69
Total	1,478.1	8,434	.34	5.00	158.2	26.69
July - September						
Wyoming	1,721.4	8,484	.33	4.97	156.9	26.62
Total	1,721.4	8,484	.33	4.97	156.9	26.62
Year to Date						
Wyoming	4,688.6	8,465	.35	4.97	156.1	26.43
Total	4,688.6	8,465	.35	4.97	156.1	26.43
Company and Plant: Carolina Power and Light, Sutton						
1990						
Kentucky	294.1	12,602	1.11	9.42	189.6	47.78
West Virginia	276.4	12,744	1.00	11.48	182.1	46.42
Total	570.5	12,670	1.06	10.42	185.9	47.12
1991						
Kentucky	141.8	12,770	1.00	9.02	192.4	49.13
West Virginia	338.2	12,403	.96	12.76	179.4	44.51
Total	480.0	12,512	.98	11.65	183.3	45.87
1992						
Kentucky	434.3	12,498	.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						
January - March						
Kentucky	36.4	12,889	1.03	8.70	153.3	39.52
West Virginia	17.7	13,079	.96	8.45	170.2	44.52
Total	54.1	12,951	1.01	8.62	158.9	41.15
April - June						
Kentucky	77.9	12,632	1.13	9.23	153.6	38.80
West Virginia	61.4	12,750	.87	9.97	168.8	43.04
Total	139.3	12,684	1.02	9.56	160.3	40.67
July - September						
Kentucky	247.0	12,533	.99	9.45	150.4	37.69
West Virginia	17.3	12,537	.86	10.70	162.3	40.70
Total	264.3	12,533	.98	9.53	151.2	37.89
Year to Date						
Kentucky	361.3	12,590	1.03	9.33	151.4	38.11
West Virginia	96.4	12,772	.88	9.82	167.9	42.89
Total	457.7	12,628	1.00	9.43	154.9	39.12
Company and Plant: Central Hudson Gas & Electric, Danskammer						
1990						
Kentucky	409.6	13,316	0.53	7.40	205.0	54.60
West Virginia	524.9	12,885	.62	8.62	206.4	53.18
Total	934.5	13,074	.58	8.08	205.8	53.80
1991						
Kentucky	375.7	13,223	.54	7.50	205.8	54.41
West Virginia	498.3	12,889	.60	8.32	203.9	52.57
Total	874.0	13,032	.57	7.97	204.7	53.36
1992						
Kentucky	61.5	12,983	.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

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, 1990-1995 (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						
1993						
West Virginia	693.0	13,097	0.62	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						
January - March						
Kentucky	91.7	12,857	.58	8.21	194.1	49.90
West Virginia	76.3	13,203	.68	7.66	198.6	52.45
Venezuela	28.2	13,281	.56	7.30	224.1	59.53
Total	196.2	13,053	.62	7.87	200.2	52.27
April - June						
Kentucky	79.0	12,868	.57	8.32	191.8	49.36
West Virginia	69.1	13,086	.66	7.90	198.2	51.87
Total	148.1	12,969	.61	8.12	194.8	50.53
July - September						
Kentucky	58.1	12,828	.59	8.14	195.7	50.20
West Virginia	69.1	13,125	.66	8.00	196.9	51.70
Total	127.2	12,989	.63	8.07	196.4	51.01
Year to Date						
Kentucky	228.8	12,853	.58	8.23	193.7	49.79
West Virginia	214.5	13,140	.67	7.85	197.9	52.02
Venezuela	28.2	13,281	.56	7.30	224.1	59.53
Total	471.5	13,009	.62	8.00	197.5	51.39
Company and Plant: Central Power and Light (CSW), Coletto Creek						
1990						
Colorado	1,828.8	10,588	0.38	6.30	206.0	43.63
Total	1,828.8	10,588	.38	6.30	206.0	43.63
1991						
Colorado	1,733.6	10,753	.38	5.99	207.6	44.64
Total	1,733.6	10,753	.38	5.99	207.6	44.64
1992						
Colorado	1,780.7	10,885	.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						
January - March						
Colorado	341.4	10,785	.39	6.56	192.4	41.50
Total	341.4	10,785	.39	6.56	192.4	41.50
April - June						
Colorado	417.7	11,149	.40	6.30	167.3	37.30
Total	417.7	11,149	.40	6.30	167.3	37.30
July - September						
Colorado	496.2	11,054	.42	7.24	157.1	34.73
Total	496.2	11,054	.42	7.24	157.1	34.73
Year to Date						
Colorado	1,255.3	11,013	.41	6.74	169.9	37.43
Total	1,255.3	11,013	.41	6.74	169.9	37.43
Company and Plant: Delmarva Power & Light, Edgemoor						
1990						
Virginia	50.5	13,403	0.90	7.44	199.6	53.50
West Virginia	515.4	13,310	.84	7.82	200.3	53.33
Total	565.9	13,318	.85	7.78	200.3	53.35

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, 1990-1995 (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						
1991						
Kentucky	52.0	12,821	.84	8.53	174.3	44.69
Virginia	38.1	13,465	.87	7.79	196.7	52.97
West Virginia	416.4	13,272	.80	7.83	184.4	48.94
Total	506.4	13,240	.81	7.90	184.3	48.81
1992						
Virginia	90.2	13,101	.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						
January - March						
West Virginia	126.6	12,938	.77	8.71	162.6	42.08
Total	126.6	12,938	.77	8.71	162.6	42.08
April - June						
West Virginia	59.5	13,108	.82	9.22	162.4	42.56
Total	59.5	13,108	.82	9.22	162.4	42.56
July - September						
West Virginia	133.8	12,989	.76	9.38	162.6	42.25
Total	133.8	12,989	.76	9.38	162.6	42.25
Year to Date						
West Virginia	319.9	12,991	.78	9.09	162.6	42.24
Total	319.9	12,991	.78	9.09	162.6	42.24
Company and Plant: Detroit Edison Co, River Rouge						
1990						
Kentucky	255.0	12,555	0.81	7.95	202.9	50.95
West Virginia	716.0	12,595	.68	10.97	154.1	38.80
Wyoming	16.0	8,790	.29	5.12	107.4	18.88
Total	987.0	12,523	.70	10.09	166.2	41.62
1991						
Kentucky	55.0	12,585	.87	7.75	204.4	51.46
West Virginia	892.0	12,566	.69	10.70	160.2	40.26
Wyoming	84.0	8,790	.28	4.82	110.3	19.39
Total	1,031.0	12,260	.66	10.06	159.7	39.16
1992						
Kentucky	62.0	12,795	.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

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, 1990-1995 (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						
1995						
January - March						
Kentucky	21.0	13,102	0.56	6.60	204.0	53.44
West Virginia	138.0	12,407	.66	12.12	171.9	42.65
Wyoming	96.0	8,755	.23	4.88	107.2	18.78
Total	255.0	11,089	.49	8.94	155.8	34.55
April - June						
Colorado	44.0	11,818	.48	8.10	149.3	35.29
Kentucky	31.0	12,849	.67	7.62	165.2	42.44
West Virginia	108.0	12,324	.85	11.94	145.6	35.88
Wyoming	137.0	8,765	.27	5.16	106.9	18.74
Total	320.0	10,781	.54	8.09	134.9	29.10
July - September						
Kentucky	106.0	12,739	.78	7.87	172.4	43.93
West Virginia	85.0	12,259	.79	12.62	148.2	36.33
Wyoming	141.0	8,793	.26	5.12	106.2	18.68
Total	332.0	10,940	.56	7.92	142.9	31.26
Year to Date						
Colorado	44.0	11,818	.48	8.10	149.3	35.29
Kentucky	158.0	12,809	.73	7.65	175.3	44.90
West Virginia	331.0	12,342	.76	12.19	157.3	38.82
Wyoming	374.0	8,773	.26	5.08	106.7	18.73
Total	907.0	10,926	.53	8.27	143.8	31.42
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						
January - March						
Kentucky	197.2	12,427	.83	9.41	171.6	42.65
West Virginia	194.7	12,429	.82	10.21	175.9	43.73
Total	391.8	12,428	.83	9.81	173.7	43.19
April - June						
Kentucky	217.5	12,473	.76	9.05	169.5	42.28
West Virginia	96.0	12,501	.77	8.85	175.1	43.77
Total	313.5	12,481	.77	8.99	171.2	42.74
July - September						
Kentucky	166.1	12,588	.70	8.68	172.8	43.50
West Virginia	103.6	12,569	.70	8.90	174.1	43.77
Total	269.8	12,580	.70	8.76	173.3	43.61
Year to Date						
Kentucky	580.8	12,490	.77	9.07	171.2	42.76
West Virginia	394.3	12,483	.78	9.54	175.2	43.75
Total	975.1	12,487	.77	9.26	172.8	43.16
Company and Plant: Gulf Power, Crist						
1990						
Illinois	1,352.1	12,009	2.76	8.77	214.3	51.47
Kentucky	720.8	12,014	2.89	7.49	139.8	33.60
West Virginia	35.3	13,459	2.72	6.30	197.4	53.13
Total	2,108.2	12,035	2.81	8.29	188.6	45.39
1991						
Illinois	1,265.5	11,977	2.68	8.67	205.1	49.12
Kentucky	607.5	12,048	2.81	8.06	129.2	31.13
Total	1,873.0	12,000	2.72	8.47	180.4	43.29

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, 1990-1995 (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						
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
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						
January - March						
Illinois	169.1	12,297	1.00	6.24	224.9	55.32
Venezuela	159.1	12,327	.94	6.13	230.7	56.88
Total	328.3	12,311	.97	6.19	227.7	56.08
April - June						
Illinois	223.5	12,350	.93	6.50	226.0	55.82
Venezuela	213.4	12,388	.86	6.40	230.4	57.07
Total	437.0	12,368	.90	6.45	228.1	56.43
July - September						
Illinois	246.5	12,392	.94	6.38	231.0	57.25
Venezuela	246.5	12,392	.94	6.38	231.0	57.25
Total	493.0	12,392	.94	6.38	231.0	57.25
Year to Date						
Illinois	639.2	12,352	.95	6.38	227.7	56.24
Venezuela	619.1	12,374	.91	6.32	230.7	57.10
Total	1,258.3	12,363	.93	6.35	229.2	56.66
Company and Plant: Gulf Power, Scholtz						
1990						
Kentucky	236.2	12,347	2.78	8.35	159.9	39.49
Total	236.2	12,347	2.78	8.35	159.9	39.49
1991						
Kentucky	67.9	12,685	2.86	7.08	151.3	38.39
Total	67.9	12,685	2.86	7.08	151.3	38.39
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						
April - June						
Kentucky	14.9	12,642	3.03	8.12	152.3	38.50
Total	14.9	12,642	3.03	8.12	152.3	38.50
July - September						
Kentucky	45.6	12,567	2.64	8.05	152.0	38.21
Total	45.6	12,567	2.64	8.05	152.0	38.21

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, 1990-1995 (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						
1995						
Year to Date						
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
Company and Plant: Gulf Power, Smith						
1990						
Illinois	528.3	11,990	2.73	8.95	218.5	52.41
Kentucky	127.6	11,969	2.87	7.78	143.2	34.28
West Virginia	12.4	13,372	2.58	6.10	186.0	49.74
Total	668.3	12,012	2.76	8.67	203.5	48.90
1991						
Illinois	906.3	12,015	2.72	8.66	222.5	53.46
Kentucky	132.5	11,953	2.75	6.12	128.9	30.82
Total	1,038.8	12,007	2.72	8.34	210.6	50.57
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						
January - March						
Illinois	194.5	11,897	1.76	7.55	179.0	42.59
Venezuela	84.4	12,197	.95	6.51	236.5	57.70
Total	278.9	11,988	1.51	7.24	196.7	47.16
April - June						
Illinois	251.2	11,662	2.52	8.64	132.9	31.00
Venezuela	6.2	12,267	.88	6.97	234.3	57.49
Total	257.5	11,676	2.48	8.60	135.5	31.64
July - September						
Illinois	316.7	11,684	2.26	8.37	138.0	32.24
Venezuela	20.9	12,189	1.26	6.53	235.3	57.36
Total	337.7	11,715	2.20	8.26	144.3	33.80
Year to Date						
Illinois	762.5	11,731	2.22	8.25	146.9	34.47
Venezuela	111.6	12,200	1.01	6.54	236.2	57.63
Total	874.1	11,791	2.06	8.03	158.7	37.43
Company and Plant: Holyoke Water Power (NU), Mount Tom						
1990						
Pennsylvania	405.4	13,055	1.38	6.55	177.2	46.26
Total	405.4	13,055	1.38	6.55	177.2	46.26
1991						
Pennsylvania	400.3	13,137	1.47	6.63	175.5	46.11
Total	400.3	13,137	1.47	6.63	175.5	46.11
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
1993						
Kentucky	7.3	13,132	.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

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, 1990-1995 (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						
1994						
Kentucky	47.8	12,884	0.55	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						
January - March						
Kentucky	59.7	12,961	.52	7.40	195.5	50.66
Pennsylvania	27.6	13,169	1.52	7.20	157.9	41.60
Total	87.3	13,027	.84	7.33	183.4	47.79
April - June						
Kentucky	29.6	13,127	.54	7.30	191.7	50.33
Pennsylvania	79.4	13,210	1.36	7.32	158.3	41.83
Total	109.1	13,187	1.14	7.31	167.4	44.14
July - September						
Kentucky	36.2	13,096	.52	7.50	192.1	50.33
Pennsylvania	53.9	13,229	1.31	7.13	157.9	41.79
Total	90.0	13,175	.99	7.28	171.6	45.22
Year to Date						
Kentucky	125.5	13,039	.53	7.40	193.6	50.49
Pennsylvania	160.9	13,209	1.37	7.23	158.1	41.78
Total	286.4	13,135	1.00	7.31	173.6	45.59
Company and Plant: Jacksonville Electric Authority, St Johns River						
1990						
Kentucky	1,622.3	12,629	1.03	9.28	174.2	44.00
West Virginia	784.8	12,246	1.03	11.80	187.4	45.91
Colombia	1,007.7	11,938	.74	6.58	171.6	40.96
Venezuela	40.1	12,288	.77	11.50	170.7	41.95
Total	3,454.9	12,336	.94	9.09	176.4	43.52
1991						
Kentucky	1,475.3	12,802	1.10	8.96	166.4	42.59
Ohio	240.2	12,530	3.74	9.20	163.8	41.04
West Virginia	643.0	12,102	.85	11.61	200.3	48.47
Colombia	1,582.6	11,978	.73	7.04	153.1	36.68
Venezuela	42.2	12,913	.56	8.90	126.9	32.77
Total	3,983.4	12,346	1.07	8.64	166.0	41.00
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						
January - March						
Kentucky	372.1	12,582	1.23	9.30	168.8	42.48
West Virginia	157.6	12,258	.88	12.18	187.5	45.97
Colombia	464.2	11,884	.70	7.39	148.0	35.18
Total	993.9	12,205	.93	8.87	162.3	39.63
April - June						
Kentucky	480.9	12,547	1.24	9.30	170.4	42.75
West Virginia	191.6	12,129	.89	12.89	191.0	46.32
Colombia	133.7	11,752	.66	7.90	152.1	35.75
Total	806.1	12,316	1.06	9.92	172.3	42.44
July - September						
Kentucky	384.2	12,606	1.26	9.35	168.9	42.58
West Virginia	142.0	12,112	.88	13.01	188.0	45.54
Colombia	400.0	11,810	.66	7.48	153.8	36.32
Total	926.3	12,186	.94	9.10	165.5	40.33

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, 1990-1995 (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						
1995						
Year to Date						
Kentucky	1,237.2	12,576	1.24	9.31	169.4	42.62
West Virginia	491.3	12,165	.88	12.70	189.0	45.98
Colombia	997.9	11,836	.68	7.49	150.9	35.71
Total	2,726.3	12,231	.97	9.26	166.4	40.70
Company and Plant: Mississippi Power (Southern Co), Daniel						
1990						
Kentucky	1,221.9	12,996	0.72	6.95	166.1	43.17
Total	1,221.9	12,996	.72	6.95	166.1	43.17
1991						
Kentucky	1,306.9	12,952	.72	7.41	171.3	44.38
Montana	105.5	9,344	.30	4.10	145.2	27.14
Total	1,412.3	12,682	.69	7.16	169.9	43.09
1992						
Kentucky	810.6	12,988	.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
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						
January - March						
Montana	727.7	9,382	.37	4.42	140.1	26.29
Total	727.7	9,382	.37	4.42	140.1	26.29
April - June						
Colorado	346.3	10,994	.42	10.32	162.7	35.78
Montana	112.5	9,423	.35	4.33	139.9	26.37
Total	458.9	10,609	.40	8.85	157.8	33.47
July - September						
Colorado	605.0	11,123	.42	9.64	160.6	35.73
Total	605.0	11,123	.42	9.64	160.6	35.73
Year to Date						
Colorado	951.3	11,076	.42	9.89	161.4	35.75
Montana	840.2	9,388	.36	4.41	140.1	26.30
Total	1,791.6	10,284	.39	7.32	152.3	31.32
Company and Plant: New England Power (NEES), Brayton Point						
1990						
Kentucky	12.5	12,600	0.94	7.07	172.9	43.57
Maryland	40.1	13,684	1.02	6.61	185.2	50.69
Pennsylvania	247.9	12,996	1.43	9.46	166.1	43.18
Virginia	898.8	13,018	1.26	8.37	173.9	45.28
West Virginia	1,121.3	13,053	1.25	8.41	166.2	43.39
Colombia	30.1	12,837	.76	8.70	177.3	45.52
Venezuela	69.8	12,773	.61	7.39	181.0	46.23
Total	2,420.5	13,032	1.24	8.44	170.0	44.30
1991						
Kentucky	.5	12,970	.75	8.49	174.6	45.29
Pennsylvania	33.6	13,164	1.32	9.03	166.9	43.94
Virginia	742.1	13,260	1.06	7.23	173.1	45.91
West Virginia	1,852.8	13,083	1.20	8.50	170.7	44.66
Venezuela	83.7	13,390	.77	7.55	167.3	44.81
Total	2,712.7	13,142	1.15	8.13	171.2	45.00

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, 1990-1995 (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						
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
1994						
Kentucky	138.0	12,543	.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						
January - March						
Kentucky	10.4	12,140	.67	11.99	152.2	36.95
West Virginia	334.2	12,688	.69	9.32	173.2	43.94
Colombia	118.9	12,218	.61	5.66	168.8	41.26
Venezuela	133.9	12,912	.66	7.38	162.5	41.95
Total	597.4	12,635	.67	8.20	169.5	42.84
April - June						
Kentucky	79.9	12,715	.74	7.23	176.3	44.83
West Virginia	521.1	12,750	.70	9.14	174.8	44.58
Venezuela	71.9	12,879	.64	6.18	176.8	45.55
Total	672.9	12,760	.70	8.60	175.2	44.71
July - September						
Kentucky	46.8	12,622	.75	7.71	172.7	43.59
West Virginia	593.0	12,661	.71	9.92	167.4	42.39
Colombia	77.1	12,178	.61	5.31	162.1	39.48
Venezuela	85.7	12,440	.68	7.19	153.2	38.11
Total	802.6	12,589	.70	9.06	165.7	41.72
Year to Date						
Kentucky	137.1	12,640	.74	7.76	173.3	43.81
West Virginia	1,448.3	12,699	.70	9.50	171.4	43.54
Colombia	196.0	12,202	.61	5.52	166.2	40.56
Venezuela	291.5	12,765	.66	7.03	163.4	41.71
Total	2,072.9	12,658	.69	8.66	169.9	43.02
Company and Plant: New England Power (NEES), Salem Harbor						
1990						
Kentucky	36.5	12,598	0.94	9.29	182.3	45.93
Pennsylvania	224.3	13,137	1.40	8.30	177.1	46.53
Virginia	200.6	13,588	.97	6.17	172.6	46.92
West Virginia	347.3	13,133	1.30	7.65	175.9	46.20
Colombia	74.7	12,176	.66	5.07	195.7	47.65
Total	883.4	13,135	1.18	7.33	177.2	46.58
1991						
Virginia	120.6	13,938	.77	4.26	172.1	47.97
West Virginia	760.4	13,102	1.44	9.66	171.9	45.05
Total	881.0	13,216	1.35	8.92	172.0	45.45
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

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, 1990-1995 (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						
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						
January - March						
West Virginia	79.5	12,719	.70	9.26	182.4	46.40
Venezuela	135.0	12,937	.66	5.96	164.6	42.59
Total	214.5	12,857	.67	7.18	171.1	44.00
April - June						
West Virginia	38.1	12,483	.64	8.27	185.9	46.42
Colombia	83.8	12,110	.58	5.60	141.0	34.14
Venezuela	94.5	12,783	.63	6.78	164.1	41.95
Total	216.4	12,470	.61	6.59	159.2	39.71
July - September						
Colombia	80.9	12,136	.57	5.32	139.3	33.80
Venezuela	76.7	12,817	.67	6.31	173.9	44.59
Total	157.6	12,467	.61	5.80	156.6	39.05
Year to Date						
West Virginia	117.6	12,643	.68	8.94	183.5	46.41
Colombia	164.7	12,123	.57	5.46	140.1	33.97
Venezuela	306.2	12,860	.65	6.30	166.8	42.89
Total	588.5	12,610	.64	6.59	163.0	41.10
Company and Plant: Ohio Edison, Burger Plant						
1990						
Kentucky	3.2	11,718	1.11	11.40	129.2	30.28
Ohio	991.0	11,829	3.09	12.00	110.8	26.22
Pennsylvania	228.5	11,993	2.62	11.94	149.6	35.89
West Virginia	82.7	11,652	3.07	12.73	108.9	25.39
Total	1,305.4	11,846	3.00	12.03	117.6	27.87
1991						
Ohio	779.1	12,087	3.52	11.21	111.8	27.02
Pennsylvania	194.3	12,095	2.64	11.89	153.2	37.06
West Virginia	11.6	11,703	3.54	11.84	100.0	23.40
Wyoming	12.2	8,570	.44	5.57	132.8	22.77
Total	997.2	12,041	3.31	11.28	119.9	28.88
1992						
Kentucky	41.4	12,143	.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						
January - March						
Ohio	160.1	12,383	3.67	10.31	98.2	24.32
Pennsylvania	61.7	13,056	2.53	8.62	94.7	24.74
West Virginia	40.3	12,198	3.22	11.86	91.9	22.41
Total	262.1	12,513	3.33	10.15	96.4	24.13

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, 1990-1995 (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						
1995						
April - June						
Ohio	39.5	12,539	3.82	10.09	94.7	23.76
Pennsylvania	60.6	12,320	2.52	10.91	91.4	22.53
West Virginia	43.8	12,261	1.84	12.59	95.8	23.48
Total	143.9	12,363	2.67	11.19	93.7	23.16
July - September						
Ohio	26.1	12,671	4.41	9.40	77.5	19.63
Pennsylvania	3.2	12,772	1.60	10.40	95.5	24.39
West Virginia	64.1	12,470	2.30	10.71	86.6	21.60
Total	93.4	12,536	2.87	10.34	84.3	21.15
Year to Date						
Ohio	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania	125.5	12,694	2.50	9.77	93.2	23.66
West Virginia	148.2	12,334	2.42	11.58	90.7	22.38
Total	499.4	12,474	3.05	10.49	93.4	23.29
Company and Plant: Public Serv Co of Indiana, Gallagher						
1990						
Indiana	1,050.4	10,943	2.34	9.01	135.5	29.66
Kentucky	19.7	11,132	2.51	9.33	116.4	25.93
Ohio	20.1	11,629	2.55	13.50	119.5	27.79
Total	1,090.2	10,959	2.35	9.10	134.9	29.56
1991						
Illinois	29.5	12,829	2.74	8.57	105.1	26.96
Indiana	855.6	11,030	2.24	8.31	135.0	29.78
Kentucky	258.4	11,547	2.43	8.63	107.3	24.77
Total	1,143.5	11,193	2.30	8.39	127.6	28.57
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						
January - March						
Illinois	195.8	11,801	1.48	7.14	122.2	28.85
Indiana	71.8	11,045	1.38	9.44	114.2	25.22
Pennsylvania	39.5	13,183	2.39	8.10	101.1	26.65
Total	307.1	11,802	1.57	7.80	117.4	27.72
April - June						
Illinois	101.9	11,953	1.30	6.95	123.5	29.52
Indiana	38.0	10,999	1.18	9.91	120.2	26.43
Pennsylvania	140.9	13,153	2.42	8.19	100.6	26.47
Total	280.8	12,426	1.84	7.97	110.9	27.57
July - September						
Illinois	80.8	12,094	1.47	7.07	123.1	29.77
Indiana	21.9	11,160	1.24	10.00	117.4	26.20
Pennsylvania	161.8	13,134	2.38	8.05	103.2	27.11
Total	264.5	12,653	2.01	7.91	110.0	27.85

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, 1990-1995 (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						
1995						
Year to Date						
Illinois	378.5	11,905	1.43	7.07	122.7	29.23
Indiana	131.7	11,051	1.30	9.67	116.4	25.74
Pennsylvania	342.2	13,147	2.40	8.11	101.9	26.79
Total	852.4	12,272	1.80	7.89	112.9	27.71
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
1990						
Pennsylvania	273.5	13,308	1.36	6.37	178.7	47.55
West Virginia	697.5	13,386	2.43	7.19	172.9	46.29
Total	971.0	13,364	2.13	6.96	174.5	46.65
1991						
Pennsylvania	740.1	13,249	1.51	6.57	176.2	46.68
West Virginia	219.6	13,411	2.41	6.82	165.9	44.48
Total	959.7	13,286	1.71	6.63	173.8	46.18
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						
January - March						
Pennsylvania	216.6	13,204	1.53	6.88	159.7	42.17
West Virginia	74.4	13,321	2.11	6.17	140.7	37.48
Total	291.0	13,234	1.68	6.70	154.8	40.97
April - June						
Pennsylvania	179.6	13,172	1.46	7.08	162.3	42.76
Virginia	19.1	13,910	.68	7.00	203.5	56.61
West Virginia	38.7	13,446	2.42	6.70	140.2	37.71
Colombia	11.5	11,578	.53	3.80	192.9	44.67
Total	248.9	13,198	1.51	6.86	163.4	43.13
July - September						
Pennsylvania	170.2	13,216	1.48	6.87	161.6	42.72
West Virginia	36.1	13,350	2.43	6.28	143.2	38.24
Total	206.4	13,239	1.65	6.77	158.4	41.94
Year to Date						
Pennsylvania	566.5	13,197	1.49	6.94	161.1	42.52
Virginia	19.1	13,910	.68	7.00	203.5	56.61
West Virginia	149.2	13,360	2.27	6.34	141.2	37.72
Colombia	11.5	11,578	.53	3.80	192.9	44.67
Total	746.3	13,223	1.61	6.77	158.6	41.96
Company and Plant: Public Serv Co of New Hampshire, Schiller						
1990						
Kentucky	17.2	12,968	0.88	6.60	201.2	52.20
Pennsylvania	21.9	13,072	1.31	6.51	184.1	48.13
West Virginia	116.9	13,030	.85	7.09	194.4	50.67
Canada	33.6	13,459	1.30	5.90	181.0	48.72
Venezuela	110.2	13,105	.49	4.82	187.7	49.19
Total	299.8	13,105	.80	6.05	190.0	49.81
1991						
West Virginia	117.5	13,384	.69	6.24	180.6	48.34
Venezuela	207.1	12,989	.52	5.65	173.6	45.10
Total	324.6	13,132	.58	5.86	176.2	46.28

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, 1990-1995 (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						
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
Venezuela	84.3	12,972	.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						
January - March						
West Virginia	14.7	12,998	.98	8.60	170.0	44.19
Colombia	27.5	12,271	.66	5.90	161.9	39.73
Venezuela	54.4	13,060	.69	7.25	154.8	40.44
Total	96.6	12,826	.73	7.07	159.1	40.81
April - June						
West Virginia	28.5	13,054	.80	8.39	164.1	42.84
Colombia	70.4	13,062	.62	7.54	161.3	42.14
Total	98.9	13,060	.67	7.79	162.1	42.34
July - September						
West Virginia	16.3	13,040	.71	8.80	170.6	44.49
Colombia	25.0	12,312	.56	5.20	153.8	37.87
Indonesia	39.9	12,756	.50	3.52	174.4	44.49
Total	81.2	12,676	.56	5.10	167.5	42.45
Year to Date						
West Virginia	59.5	13,036	.82	8.55	167.3	43.62
Colombia	122.9	12,733	.62	6.70	160.0	40.73
Indonesia	39.9	12,756	.50	3.52	174.4	44.49
Venezuela	54.4	13,060	.69	7.25	154.8	40.44
Total	276.7	12,866	.66	6.75	162.6	41.84
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1990						
Kentucky	47.3	13,051	0.75	7.58	190.1	49.61
Pennsylvania	19.1	13,133	.84	7.89	183.0	48.06
West Virginia	1,033.9	13,094	.81	8.15	180.5	47.26
Total	1,100.3	13,093	.80	8.12	180.9	47.37
1991						
Kentucky	24.7	13,096	.80	7.46	170.0	44.53
West Virginia	486.5	13,040	.80	7.83	184.7	48.18
Total	511.2	13,043	.80	7.81	184.0	48.01
1992						
Kentucky	189.1	13,197	.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						
January - March						
Kentucky	64.7	13,231	.64	7.03	206.7	54.69
West Virginia	16.0	13,240	.82	7.16	209.1	55.38
Total	80.7	13,233	.68	7.06	207.2	54.82

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, 1990-1995 (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-NJ, Hudson						
1995						
April - June						
Kentucky	143.7	12,941	0.65	6.94	193.6	50.11
West Virginia	39.8	13,068	.78	7.25	186.5	48.75
Total	183.5	12,969	.68	7.01	192.1	49.82
July - September						
Kentucky	146.3	13,114	.64	6.67	185.2	48.58
West Virginia	88.7	13,058	.83	7.68	176.7	46.14
Total	235.0	13,093	.71	7.05	182.0	47.66
Year to Date						
Kentucky	354.7	13,066	.64	6.85	192.5	50.31
West Virginia	144.5	13,081	.82	7.50	183.0	47.88
Total	499.2	13,070	.69	7.04	189.8	49.61
Company and Plant: Savannah Electric and Power, Port Wentworth						
1990						
Virginia	417.8	12,946	1.06	8.66	166.9	43.21
Total	417.8	12,946	1.06	8.66	166.9	43.21
1991						
Kentucky	10.3	12,308	.97	10.84	167.7	41.27
Virginia	178.6	12,665	.87	9.55	165.2	41.85
Total	189.0	12,646	.87	9.63	165.3	41.82
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
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						
January - March						
Kentucky	9.9	11,801	.55	14.50	143.0	33.75
Total	9.9	11,801	.55	14.50	143.0	33.75
April - June						
Virginia	61.3	13,211	.92	8.84	153.6	40.58
Total	61.3	13,211	.92	8.84	153.6	40.58
July - September						
Virginia	61.1	13,041	.83	9.86	165.1	43.07
Total	61.1	13,041	.83	9.86	165.1	43.07
Year to Date						
Kentucky	9.9	11,801	.55	14.50	143.0	33.75
Virginia	122.4	13,126	.87	9.35	159.3	41.82
Total	132.3	13,026	.85	9.74	158.2	41.22
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
1991						
Washington	0.1	12,846	0.70	14.50	170.0	43.68
Canada	26.9	9,994	.46	12.76	209.2	41.82
Total	27.0	10,004	.46	12.76	209.0	41.82
1992						
Montana	4.0	9,492	.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

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, 1990-1995 (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						
1993						
Montana	10.0	9,482	0.37	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						
January - March						
Canada	6.0	10,012	.48	13.00	166.0	33.24
Total	6.0	10,012	.48	13.00	166.0	33.24
April - June						
Montana	3.8	9,470	.36	4.64	180.0	34.09
Total	3.8	9,470	.36	4.64	180.0	34.09
July - September						
Canada	12.1	10,139	.47	12.99	166.0	33.66
Total	12.1	10,139	.47	12.99	166.0	33.66
Year to Date						
Montana	3.8	9,470	.36	4.64	180.0	34.09
Canada	18.2	10,096	.47	12.99	166.0	33.52
Total	22.0	9,987	.45	11.54	168.3	33.62
Company and Plant: Tampa Electric, Big Bend ²						
1990						
Illinois	1,108.9	11,029	2.90	8.86	187.0	41.24
Indiana	431.1	11,226	3.21	9.12	107.8	24.20
Kentucky	3,901.7	12,490	2.14	7.63	177.2	44.26
Tennessee	126.3	12,780	1.11	6.60	215.2	55.00
Virginia	90.0	14,040	.83	4.57	161.4	45.32
West Virginia	434.5	13,239	2.08	7.40	194.7	51.54
Total	6,092.6	12,217	2.31	7.88	176.2	43.05
1991						
Illinois	1,112.9	11,046	2.95	9.16	193.5	42.74
Indiana	163.5	11,067	2.91	8.63	110.7	24.51
Kentucky	3,888.7	12,461	2.20	7.76	182.4	45.46
Pennsylvania	2.8	13,004	1.46	6.90	127.5	33.16
Tennessee	158.3	12,795	1.18	6.54	218.2	55.84
West Virginia	450.0	13,261	2.40	7.48	206.5	54.77
Indonesia	24.3	9,815	.07	1.20	227.3	44.62
Total	5,800.5	12,211	2.34	7.97	185.7	45.34
1993						
Illinois	35.2	11,194	.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

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, 1990-1995 (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						
1993						
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						
January - March						
Colorado	201.3	12,938	.41	10.00	184.5	47.74
Illinois	542.6	11,360	2.41	8.67	175.5	39.87
Kentucky	360.3	12,165	2.65	7.66	169.4	41.20
Tennessee	47.9	12,363	1.09	8.53	230.2	56.92
Indonesia	214.2	9,710	.40	1.16	140.1	27.20
Total	1,366.3	11,581	1.82	7.42	172.7	39.99
April - June						
Colorado	166.4	12,981	.42	9.86	184.0	47.78
Illinois	542.9	11,508	2.33	8.55	178.4	41.07
Kentucky	498.7	11,676	2.62	7.60	131.1	30.62
Tennessee	40.3	12,535	1.15	8.89	228.8	57.36
Total	1,248.2	11,805	2.15	8.36	162.3	38.32
July - September						
Colorado	199.6	13,023	.45	10.06	185.0	48.18
Illinois	713.4	11,590	2.18	8.07	164.9	38.21
Kentucky	382.4	11,674	2.69	6.97	126.5	29.53
Tennessee	22.9	12,901	1.16	8.84	228.4	58.93
Indonesia	69.8	9,672	.10	1.10	149.7	28.96
Total	1,388.2	11,744	1.95	7.71	158.1	37.13
Year to Date						
Colorado	567.3	12,981	.43	9.98	184.5	47.90
Illinois	1,798.9	11,496	2.29	8.40	172.1	39.58
Kentucky	1,241.4	11,818	2.65	7.42	141.1	33.36
Tennessee	111.1	12,536	1.12	8.73	229.3	57.49
Indonesia	284.0	9,701	.33	1.15	142.4	27.63
Total	4,002.7	11,708	1.97	7.81	164.3	38.48
Total of U.S. Electric Utility Plants						
1990						
Colorado	1,828.8	10,588	0.38	6.30	206.0	43.63
Illinois	2,989.3	11,642	2.81	8.84	205.5	47.84
Indiana	1,481.5	11,025	2.59	9.04	127.3	28.07
Kentucky	9,331.7	12,595	1.63	7.91	173.1	43.61
Maryland	40.1	13,684	1.02	6.61	185.2	50.69
Ohio	1,011.1	11,825	3.08	12.03	111.0	26.25
Pennsylvania	1,420.6	12,937	1.58	8.19	171.6	44.40
Tennessee	126.3	12,780	1.11	6.60	215.2	55.00
Virginia	1,664.8	13,136	1.13	7.95	172.1	45.20
West Virginia	8,359.0	12,906	1.10	9.01	175.8	45.37
Wyoming	4,487.0	8,389	.43	5.33	167.5	28.11
Canada	33.6	13,459	1.30	5.90	181.0	48.72
Colombia	1,112.5	11,978	.73	6.54	173.4	41.53
Venezuela	220.1	12,851	.58	6.85	182.6	46.93
Total	34,106.4	11,861	1.40	7.96	174.1	41.30
1991						
Colorado	1,733.6	10,753	.38	5.99	207.6	44.64
Illinois	3,314.2	11,682	2.78	8.83	205.3	47.97
Indiana	1,019.1	11,036	2.35	8.36	131.1	28.93
Kentucky	8,676.1	12,592	1.69	7.93	171.7	43.23
Montana	105.5	9,344	.30	4.10	145.2	27.14
Ohio	1,019.3	12,191	3.57	10.73	124.4	30.33
Pennsylvania	1,371.0	13,050	1.65	7.40	172.6	45.06
Tennessee	158.3	12,795	1.18	6.54	218.2	55.84

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, 1990-1995 (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						
1991						
Virginia	1,079.4	13,244	0.99	7.31	172.6	45.72
Washington	.1	12,846	.70	14.50	170.0	43.68
West Virginia	8,871.9	12,883	1.02	9.19	173.5	44.69
Wyoming	5,155.5	8,457	.41	5.20	152.0	25.71
Canada	26.9	9,994	.46	12.76	209.2	41.82
Colombia	1,582.6	11,978	.73	7.04	153.1	36.68
Indonesia	24.3	9,815	.07	1.20	227.3	44.62
Venezuela	333.0	13,080	.59	6.54	166.2	43.47
Total	34,470.9	11,813	1.35	7.82	171.7	40.57
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	8,316.3	12,573	1.56	8.18	168.6	42.39
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	1,203.0	13,126	1.63	6.88	166.1	43.61
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	348.6	12,938	1.02	8.66	176.3	45.62
Washington	2.3	12,366	.72	14.03	154.5	38.21
West Virginia	9,892.6	12,854	.99	9.24	168.2	43.24
Wyoming	5,699.2	8,388	.45	5.28	145.7	24.44
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	35,411.8	11,742	1.32	7.94	166.9	39.20
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	7,628.4	12,625	1.44	8.27	174.9	44.16
Maryland	11.1	13,214	1.33	9.79	165.3	43.67
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	1,235.2	13,114	1.87	6.96	155.5	40.77
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	421.8	12,986	.94	9.05	186.8	48.51
Washington	2.2	10,967	.70	14.47	163.5	35.87
West Virginia	7,422.2	12,885	1.06	8.94	167.6	43.20
Wyoming	6,107.1	8,360	.42	5.25	148.6	24.85
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	35,387.7	11,627	1.21	7.68	164.8	38.31
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	7,034.5	12,541	1.52	8.38	177.0	44.40
Maryland	13.3	13,070	.74	6.23	168.2	43.97
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	1,741.4	13,142	1.83	7.10	142.2	37.37
Tennessee	276.1	12,628	1.14	7.43	215.3	54.38
Virginia	71.3	12,767	.95	9.45	167.8	42.86
Washington	3.3	10,865	.72	13.30	165.3	35.91
West Virginia	9,282.6	12,709	.96	9.64	165.0	41.95
Wyoming	6,022.8	8,466	.36	4.94	149.3	25.28
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

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, 1990-1995 (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						
1994						
Indonesia	437.3	10,499	0.22	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	39,040.3	11,590	1.14	7.77	161.7	37.48
1995						
January - March						
Colorado	542.8	11,584	.40	7.83	189.1	43.81
Illinois	1,102.1	11,677	1.91	7.83	174.5	40.76
Indiana	71.8	11,045	1.38	9.44	114.2	25.22
Kentucky	1,296.3	12,550	1.40	8.46	173.5	43.54
Montana	727.7	9,382	.37	4.42	140.1	26.29
Ohio	160.1	12,383	3.67	10.31	98.2	24.32
Pennsylvania	345.5	13,172	1.81	7.35	141.3	37.23
Tennessee	47.9	12,363	1.09	8.53	230.2	56.92
West Virginia	2,154.1	12,593	.81	10.24	162.0	40.80
Wyoming	1,585.1	8,492	.36	4.92	150.2	25.51
Canada	6.0	10,012	.48	13.00	166.0	33.24
Colombia	610.6	11,966	.68	6.99	152.8	36.57
Indonesia	214.2	9,710	.40	1.16	140.1	27.20
Venezuela	595.1	12,691	.78	6.59	193.1	49.02
Total	9,459.2	11,392	.96	7.48	163.1	37.15
April - June						
Colorado	974.5	11,437	.42	8.42	168.1	38.46
Illinois	1,119.6	11,751	2.00	8.02	173.2	40.70
Indiana	38.0	10,999	1.18	9.91	120.2	26.43
Kentucky	1,905.1	12,506	1.37	7.95	159.8	39.98
Montana	116.4	9,425	.35	4.34	141.2	26.62
Ohio	39.5	12,539	3.82	10.09	94.7	23.76
Pennsylvania	460.5	13,061	1.88	7.96	133.8	34.95
Tennessee	40.3	12,535	1.15	8.89	228.8	57.36
Virginia	80.4	13,377	.86	8.40	165.9	44.39
West Virginia	1,999.5	12,597	.80	10.25	163.0	41.06
Wyoming	1,615.1	8,462	.34	5.01	153.7	26.01
Colombia	299.3	12,154	.62	7.01	152.8	37.14
Venezuela	386.1	12,574	.77	6.46	203.7	51.23
Total	9,074.2	11,580	1.00	7.88	162.4	37.61
July - September						
Colorado	1,300.7	11,389	.43	8.79	163.6	37.26
Illinois	1,357.5	11,788	1.93	7.77	168.7	39.77
Indiana	21.9	11,160	1.24	10.00	117.4	26.20
Kentucky	1,764.8	12,500	1.34	8.14	159.8	39.95
Ohio	26.1	12,671	4.41	9.40	77.5	19.63
Pennsylvania	389.1	13,180	1.83	7.43	136.4	35.95
Tennessee	22.9	12,901	1.16	8.84	228.4	58.93
Virginia	61.1	13,041	.83	9.86	165.1	43.07
West Virginia	1,904.1	12,583	.82	10.36	160.2	40.30
Wyoming	1,862.4	8,507	.32	4.98	152.9	26.02
Canada	12.1	10,139	.47	12.99	166.0	33.66
Colombia	583.0	11,925	.64	6.79	152.8	36.45
Indonesia	109.7	10,794	.25	1.98	160.3	34.61
Venezuela	429.8	12,467	.85	6.54	205.3	51.18
Total	9,845.4	11,487	.96	7.79	161.2	37.04
Year to Date						
Colorado	2,817.9	11,443	.42	8.48	170.1	38.94
Illinois	3,579.1	11,742	1.95	7.87	171.9	40.37
Indiana	131.7	11,051	1.30	9.67	116.4	25.74
Kentucky	4,966.2	12,515	1.37	8.15	163.4	40.90
Montana	844.1	9,388	.36	4.41	140.2	26.33
Ohio	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania	1,195.1	13,132	1.84	7.61	136.8	35.94
Tennessee	111.1	12,536	1.12	8.73	229.3	57.49
Virginia	141.5	13,232	.85	9.04	165.6	43.82
West Virginia	6,057.7	12,591	.81	10.28	161.7	40.73
Wyoming	5,062.6	8,488	.34	4.97	152.3	25.86
Canada	18.2	10,096	.47	12.99	166.0	33.52
Colombia	1,493.0	11,988	.65	6.92	152.8	36.64
Indonesia	324.0	10,078	.35	1.44	147.4	29.71

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, 1990-1995 (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						
Year to Date						
Venezuela	1,411.0	12,591	0.80	6.54	199.7	50.28
Total	28,378.8	11,485	.97	7.71	162.2	37.26

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."

Appendix B

Metric Tables

A rotary dumper empties a hopper of coal at a Norfolk, Virginia, coal-exporting facility for overseas destinations. Norfolk is the leading coal-exporting district.

Appendix B

Metric Tables

In response to requests from international users of U.S. coal statistics, certain summary data have been converted from the customary short tons to metric tons. This enables U.S. statistics to be compared with data published by countries using the metric system. The conversion to metric tons is made by multiplying short tons by .907185. For pounds and British thermal unit (Btu) data, the conversion from Btu to joules is

made by multiplying Btu by 1.055×10^3 , and the conversion from pounds to kilograms is made by multiplying pounds by 0.45359.

The data converted to metric tons are from Tables 1, 45, 52, 14/15, 16, 17, 18, 19, 20, 21, 24, and 25. In this section, the correlative data are in Tables B1 through B12, respectively.

Table B1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1987-1995
(Thousand Metric Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks ¹	Consumption	Exports	Consumer Stocks ¹
1987 January - March	201,576	300	33,167	181,004	15,037	157,100
April - June	198,513	438	30,789	181,098	18,246	159,698
July - September	211,336	431	26,104	208,105	19,081	150,228
October - December	222,063	416	25,692	189,052	19,854	168,246
Total	833,487	1,585		759,260	72,219	
1988 January - March	214,903	492	33,352	200,295	14,570	159,011
April - June	205,609	533	32,730	186,640	22,589	157,222
July - September	219,196	397	28,449	216,520	25,121	140,006
October - December	222,359	514	27,594	198,173	23,923	143,710
Total	862,066	1,936		801,627	86,203	
1989 January - March	224,237	482	32,212	202,743	19,440	135,386
April - June	216,837	623	27,758	188,717	25,805	144,254
July - September	220,500	839	26,171	210,490	21,764	133,506
October - December	228,128	642	26,308	205,171	24,448	132,528
Total	889,702	2,587		807,121	91,458	
1990 January - March	239,664	666	31,841	196,872	20,305	145,859
April - June	230,678	612	33,471	192,020	25,159	156,998
July - September	231,114	466	30,535	218,469	26,759	146,637
October - December	232,106	704	30,317	205,004	23,760	152,598
Total	933,562	2,449		812,366	95,984	
1991 January - March	231,102	851	38,249	198,863	20,247	155,568
April - June	215,008	662	37,243	189,381	23,781	157,544
July - September	228,101	893	30,507	214,180	28,302	148,651
October - December	229,331	669	29,911	202,812	26,526	152,145
Total	903,542	3,075		805,236	98,855	
1992 January - March	232,200	616	36,154	200,119	22,436	152,980
April - June	220,205	947	36,753	190,542	24,503	157,188
July - September	225,939	800	31,931	215,636	24,023	146,854
October - December	226,614	1,087	30,838	203,293	22,039	148,499
Total	904,958	3,450		809,591	93,001	
1993 January - March	220,824	1,101	34,884	207,895	17,118	138,453
April - June	212,055	991	31,595	194,882	18,095	140,470
July - September	206,050	1,944	24,660	226,680	16,803	110,594
October - December	218,747	2,595	22,937	210,546	15,586	109,278
Total	857,675	6,631		840,003	67,603	
1994 January - March	231,471	1,678	30,971	215,544	13,496	101,857
April - June	233,114	1,430	32,439	202,434	16,275	114,935
July - September	236,642	2,090	29,896	223,004	17,875	109,974
October - December	236,353	1,681	30,136	202,883	17,089	123,504
Total	937,580	6,880		843,865	64,735	
1995 January - March	240,642	1,629	38,410	206,661	17,226	130,141
April - June	225,432	1,460	38,190	197,166	21,032	137,740
July - September	232,569	1,565	32,832	239,483	20,116	119,419
Total	698,643	4,654		643,310	58,374	

¹ Reported as of the last day of the quarter.

Notes: Consumption data for 1995 exclude an EIA estimated 3.6 million metric tons per quarter which are consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. In 1989, 1990, 1991, 1992, 1993, and 1994 these excluded quarterly estimated consumption data were: 199, 363, 1361, 2268, 2800, and 3434 thousand metric tons, respectively. Total may not equal sum of components because of independent rounding.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6, "Coal Distribution 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" • 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"; and Form EIA-6, "Coal Distribution Report."

Table B2. U.S. Coal Consumption by End-Use Sector, 1987-1995
(Thousand Metric Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Total
1987 January - March	154,926	7,104	17,333	1,641	181,004
April - June	155,508	8,477	15,976	1,138	181,098
July - September	181,501	8,806	16,335	1,463	208,105
October - December	159,328	9,140	18,555	2,030	189,052
Total	651,263	33,527	68,198	6,272	759,260
1988 January - March	170,559	9,396	18,521	1,818	200,295
April - June	159,671	9,558	16,135	1,276	186,640
July - September	189,186	9,510	16,259	1,565	216,520
October - December	168,568	9,537	18,259	1,809	198,173
Total	687,983	38,000	69,175	6,468	801,627
1989 January - March	173,776	9,261	18,039	1,667	202,743
April - June	161,757	9,403	16,521	1,037	188,717
July - September	184,271	9,079	15,994	1,146	210,490
October - December	175,906	9,006	18,514	1,745	205,171
Total	695,710	36,749	69,068	5,595	807,121
1990 January - March	168,227	9,112	17,792	1,741	196,872
April - June	165,595	8,886	16,392	1,148	192,020
July - September	192,013	8,596	16,551	1,309	218,469
October - December	175,917	8,675	18,511	1,902	205,004
Total	701,752	35,269	69,246	6,100	812,366
1991 January - March	171,722	7,521	17,797	1,822	198,863
April - June	165,550	7,326	15,549	957	189,381
July - September	188,815	7,962	16,376	1,027	214,180
October - December	174,502	7,902	18,685	1,723	202,812
Total	700,590	30,712	68,406	5,529	805,236
1992 January - March	173,410	7,566	17,472	1,672	200,119
April - June	166,474	7,345	15,680	1,042	190,542
July - September	190,889	7,439	16,187	1,121	215,636
October - December	176,704	7,012	17,831	1,746	203,293
Total	707,477	29,362	67,170	5,582	809,591
1993 January - March	181,695	7,060	17,492	1,648	207,895
April - June	170,321	7,154	16,179	1,229	194,882
July - September	202,431	7,222	16,034	993	226,680
October - December	183,556	6,980	18,236	1,774	210,546
Total	738,002	28,416	67,941	5,644	840,003
1994 January - March	188,617	7,034	18,063	1,829	215,544
April - June	178,039	7,225	16,093	1,077	202,434
July - September	198,325	7,208	16,441	1,030	223,004
October - December	176,433	7,327	17,604	1,519	202,883
Total	741,415	28,794	68,201	5,455	843,865
1995 January - March	180,557	7,384	17,233	1,486	206,661
April - June	173,370	7,522	15,339	936	197,166
July - September	210,440	7,557	20,524	962	239,483
Total	564,367	22,462	53,095	3,385	643,310

Notes: Consumption data for 1995 exclude an EIA estimated 3.6 million metric tons per quarter which are consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. In 1989, 1990, 1991, 1992, 1993, and 1994 these excluded quarterly estimated consumption data were: 199, 363, 1361, 2268, 2800, and 3434 thousand metric tons, respectively. 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 Form EIA-6, "Coal Distribution Report" • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table B3. U.S. Coal Stocks, 1987-1995
(Thousand Metric Tons)

Last Day of Quarter	Coal Consumers ¹				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial ²	Total		
1987 March 31	146,645	2,427	8,029	157,100	33,167	190,267
June 30	148,199	3,388	8,111	159,698	30,789	190,487
September 30	137,857	3,030	9,341	150,228	26,104	176,332
December 31	154,945	3,524	9,777	168,246	25,692	193,938
1988 March 31	147,511	3,681	7,819	159,011	33,352	192,363
June 30	146,251	3,413	7,557	157,222	32,730	189,952
September 30	129,573	2,610	7,824	140,006	28,449	168,456
December 31	132,909	2,846	7,955	143,710	27,594	171,305
1989 March 31	126,132	3,191	6,063	135,386	32,212	167,598
June 30	135,153	3,049	6,052	144,254	27,758	172,013
September 30	123,051	3,363	7,092	133,506	26,171	159,677
December 31	123,250	2,598	6,680	132,528	26,308	158,836
1990 March 31	136,185	3,339	6,336	145,859	31,841	177,700
June 30	146,881	3,392	6,725	156,998	33,471	190,469
September 30	135,999	2,834	7,804	146,637	30,535	177,172
December 31	141,671	3,020	7,907	152,598	30,317	182,915
1991 March 31	146,133	2,839	6,596	155,568	38,249	193,818
June 30	148,288	2,978	6,278	157,544	37,243	194,787
September 30	139,622	2,445	6,584	148,651	30,507	179,158
December 31	143,223	2,516	6,406	152,145	29,911	182,056
1992 March 31	145,178	2,608	5,194	152,980	36,154	189,135
June 30	148,938	2,519	5,731	157,188	36,753	193,941
September 30	138,513	2,009	6,331	146,854	31,931	178,785
December 31	139,824	2,356	6,318	148,499	30,838	179,337
1993 March 31	130,614	2,549	5,290	138,453	34,884	173,338
June 30	132,225	2,739	5,507	140,470	31,595	172,065
September 30	102,360	2,300	5,933	110,594	24,660	135,254
December 31	101,007	2,179	6,093	109,278	22,937	132,215
1994 March 31	95,423	2,025	4,408	101,857	30,971	132,827
June 30	107,403	2,503	5,029	114,935	32,439	147,373
September 30	101,889	2,455	5,630	109,974	29,896	139,870
December 31	115,119	2,410	5,974	123,504	30,136	153,639
1995 March 31	122,756	2,467	4,919	130,141	38,410	168,551
June 30	130,268	2,381	5,092	137,740	38,190	175,930
September 30	111,790	2,246	5,383	119,419	32,832	152,252

¹ The Residential and Commercial sector are not included. See Technical Note 7 in Appendix C.

² Manufacturing plants only.

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" • Producer and Distributor: Form EIA-6, "Coal Distribution Report."

Table B4. U.S. Coal Exports and Imports, 1987-1995
(Thousand Metric Tons, Dollars per Metric Ton)

Year	1987	1988	1989	1990	1991	1992	1993	1994	1995
January - March									
Exports									
Quantity	15,037	14,570	19,440	20,305	20,247	22,436	17,118	13,496	17,226
Price	\$49.37	\$46.35	\$46.59	\$47.65	\$49.14	\$46.61	\$46.80	\$46.18	\$43.98
Imports									
Quantity	300	492	482	666	851	616	1,101	1,678	1,629
Price	\$38.62	\$31.90	\$37.09	\$38.66	\$37.16	\$37.07	\$33.84	\$31.81	\$35.64
April - June									
Exports									
Quantity	18,246	22,589	25,805	25,159	23,781	24,503	18,095	16,275	21,032
Price	\$47.62	\$46.98	\$46.82	\$46.86	\$47.37	\$45.57	\$45.66	\$44.10	\$43.64
Imports									
Quantity	438	533	623	612	662	947	991	1,430	1,460
Price	\$34.93	\$37.19	\$37.69	\$37.11	\$38.14	\$36.33	\$35.56	\$31.67	\$39.86
July - September									
Exports									
Quantity	19,081	25,121	21,764	26,759	28,302	24,023	16,803	17,875	20,116
Price	\$46.31	\$46.12	\$46.97	\$46.54	\$45.76	\$44.86	\$44.89	\$42.84	\$45.18
Imports									
Quantity	431	397	839	466	893	800	1,944	2,090	1,565
Price	\$35.21	\$29.51	\$38.49	\$35.33	\$34.67	\$37.95	\$32.54	\$34.08	\$37.05
October - December									
Exports									
Quantity	19,854	23,923	24,448	23,760	26,526	22,039	15,586	17,089	-
Price	\$45.85	\$46.72	\$47.06	\$47.05	\$45.36	\$45.27	\$45.19	\$43.46	-
Imports									
Quantity	416	514	642	704	669	1,087	2,595	1,681	-
Price	\$33.46	\$32.49	\$36.86	\$39.84	\$36.55	\$36.46	\$31.87	\$35.20	-
Total									
Exports									
Quantity	72,219	86,203	91,458	95,984	98,855	93,001	67,603	64,735	58,374
Price	\$47.15	\$46.55	\$46.87	\$46.99	\$46.73	\$45.57	\$45.65	\$44.02	-
Imports									
Quantity	1,585	1,936	2,587	2,449	3,075	3,450	6,631	6,880	4,654
Price	\$35.32	\$33.03	\$37.63	\$37.97	\$36.51	\$36.88	\$32.95	\$33.30	-

Notes: Exports: Price is based on the free alongside ship (f.a.s.) value. Imports: Price is based on the customs import value. 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 B5. U.S. Coal Exports
(Metric Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		Percent Change
				1995	1994	
North America Total	3,036,118	3,341,786	3,458,054	6,744,953	6,019,288	12.1
Canada	2,813,458	3,242,267	3,427,886	6,340,851	5,814,253	9.1
Mexico	140,690	94,327	29,146	304,741	173,728	75.4
Other ¹	81,970	4,792	1,022	99,361	31,307	217.4
South America Total	1,733,899	1,601,183	1,425,942	4,549,911	3,975,437	14.5
Argentina	984	120,189	91,694	184,840	317,203	-41.7
Brazil	1,662,155	1,456,598	1,331,193	4,261,668	3,648,146	16.8
Other ²	70,760	24,396	3,055	103,403	10,088	(?)
Europe Total	10,542,043	10,570,030	8,342,101	31,696,465	24,064,988	31.7
Belgium & Luxembourg	876,432	698,006	982,485	2,797,510	3,220,455	-13.1
Bulgaria	204,968	306,097	354,600	816,153	774,712	5.3
Denmark	556,976	749,089	215,571	1,705,652	288,143	491.9
Finland	285,999	213,185	109,593	559,010	249,514	124.0
France	615,653	808,645	687,903	2,174,710	2,037,086	6.8
Germany, FR	261,689	435,459	-	1,012,445	213,577	374.0
Ireland	-	262,462	101,483	489,541	551,534	-11.2
Italy	1,969,077	2,374,829	1,526,164	6,308,372	4,867,064	29.6
Netherlands	1,487,693	1,325,670	1,345,394	4,844,661	3,322,723	45.8
Norway	19,999	25,218	17,957	71,887	49,618	44.9
Portugal	456,476	331,058	317,707	1,125,208	771,532	45.8
Romania	595,240	284,982	690,330	1,467,029	1,126,145	30.3
Spain	1,231,533	1,193,846	808,029	3,444,781	3,032,073	13.6
Sweden	294,502	183,974	219,565	669,370	502,097	33.3
Turkey	449,513	358,105	203,569	1,229,484	849,884	44.7
United Kingdom	1,222,362	1,014,143	761,751	2,953,047	2,208,723	33.7
Other ³	13,931	6,262	-	27,605	108	(?)
Asia Total	3,950,548	4,780,958	4,217,598	13,334,438	12,168,260	9.6
China (Taiwan)	565,923	454,232	811,884	1,820,967	2,416,382	-24.6
Israel	127,486	113,247	223,783	464,742	557,190	-16.6
Japan	2,404,966	3,173,440	2,639,199	8,415,202	6,906,381	21.8
Korea, Republic of	851,226	1,039,860	542,238	2,631,752	2,286,322	15.1
Other ⁴	1,547	179	494	1,775	1,985	-10.6
Oceania & Australia Total	111	68	17	179	491	-63.5
Africa Total	853,663	738,269	431,296	2,047,872	1,417,580	44.5
Algeria	99,812	107,825	149,773	264,326	264,326	-43.3
Egypt	304,278	207,431	126,392	734,606	666,074	10.3
Morocco	300,618	383,675	-	684,293	38,205	(?)
South Africa, Rep of	148,955	147,163	197,079	479,200	448,975	6.7
Total	20,116,382	21,031,894	17,875,008	58,373,818	47,646,044	22.5

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 (45,359 metric tons) in 1994.
³ Changes of 500 percent or more are not shown.
⁴ 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 B6. Average Price of U.S. Coal Exports
(Dollars per Metric Ton)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$38.38	\$36.47	\$35.32	\$37.63	\$35.74	5.3
Canada ¹	38.21	36.06	35.20	37.20	35.32	5.3
Mexico	42.61	51.99	49.44	46.99	48.74	-3.6
Other ²	37.36	39.20	-	37.45	38.94	-3.8
South America Total	48.76	47.47	46.49	47.78	46.48	2.8
Argentina	37.96	49.31	46.72	47.44	47.03	.9
Brazil	49.28	47.28	46.48	47.96	46.43	3.3
Other ²	36.53	52.07	45.10	40.56	45.04	-9.9
Europe Total	48.85	46.67	45.71	46.99	47.00	*
Belgium & Luxembourg	50.81	46.73	46.31	48.18	47.25	2.0
Bulgaria	48.66	49.35	45.89	48.24	46.32	4.2
Denmark	34.89	35.91	32.22	35.07	32.22	8.9
Finland	45.27	43.81	46.41	45.13	46.57	-3.1
France	48.86	49.21	49.14	49.23	49.03	.4
Germany, FR	46.75	35.45	-	39.13	50.28	-22.2
Ireland	-	40.50	36.90	39.61	36.84	7.5
Italy	49.64	48.67	46.70	48.27	47.82	.9
Netherlands	49.90	47.13	45.15	46.75	46.62	.3
Portugal	40.83	41.74	39.65	40.80	39.30	3.8
Romania	46.83	49.12	36.83	47.04	38.79	21.3
Spain	53.93	50.56	50.45	51.99	51.38	1.2
Sweden	53.18	53.79	50.13	51.99	50.19	3.6
Turkey	49.73	46.71	45.20	47.27	45.81	3.2
United Kingdom	49.11	50.45	49.82	49.52	49.81	-.6
Other ²	-	-	-	-	44.91	-
Asia Total	44.60	42.96	41.47	42.94	42.95	*
China (Taiwan)	41.28	37.16	43.52	40.38	42.68	-5.4
Israel	45.10	39.10	37.12	39.62	37.54	5.6
Japan	44.60	43.61	40.30	42.89	42.94	-.1
Korea, Republic of	46.78	43.95	45.86	45.53	44.59	2.1
Other ²	37.93	37.70	45.05	37.88	40.86	-7.3
Oceania & Australia Total	43.82	-	-	43.82	44.04	-.5
Africa Total	45.05	41.49	48.44	45.29	47.72	-5.1
Algeria	52.95	-	47.19	51.99	47.56	9.3
Egypt	50.76	50.85	46.80	50.88	46.46	9.5
Morocco	36.59	36.69	-	36.65	37.75	-2.9
South Africa, Rep of	54.01	49.70	50.19	51.28	50.53	1.5
Total	46.10	44.06	42.77	44.91	44.50	.9
U.S. Total³	45.19	43.64	42.83	44.28	44.21	.1

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

² Includes countries with exports less than or equal to 50,000 short tons (45,359 metric tons) in 1994.

³ 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 B7. U.S. Steam Coal Exports
(Metric Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	1,431,347	2,182,726	2,293,461	3,676,811	3,439,753	6.9
Canada ¹	1,271,094	2,152,128	2,289,426	3,469,702	3,391,451	2.3
Mexico	78,283	25,106	3,013	107,748	16,995	(²)
Other ³	81,970	4,792	1,022	99,361	31,307	217.4
South America Total	72,243	25,481	6,231	110,939	17,039	(²)
Argentina	984	1,063	1,618	4,015	2,739	46.6
Brazil	499	22	1,558	3,521	4,212	-16.4
Other ³	70,760	24,396	3,055	103,403	10,088	(²)
Europe Total	4,187,332	4,544,153	2,796,865	13,232,432	6,666,989	98.5
Belgium & Luxembourg	118,282	189,600	239,618	586,662	622,515	-5.8
Denmark	556,976	748,089	215,571	1,705,652	288,143	491.9
Finland	119,154	-	-	119,154	-	-
France	71,057	12,701	59	83,817	215	(²)
Germany, FR	233,530	409,410	-	908,731	12,399	(²)
Ireland	-	262,462	101,483	489,541	551,534	-11.2
Italy	877,319	1,169,211	541,809	3,128,088	1,339,186	133.6
Netherlands	521,734	521,851	643,650	2,072,621	1,080,599	91.8
Norway	-	-	6,636	3,345	6,636	-49.6
Portugal	456,476	331,058	317,707	1,125,208	771,532	45.8
Romania	-	-	368,015	271,302	737,844	-63.2
Spain	664,444	679,714	342,129	1,889,236	1,163,087	62.4
Sweden	7,814	-	-	7,814	-	-
Turkey	158	-	-	575	-	-
United Kingdom	560,370	220,057	20,188	840,668	93,191	(²)
Other ³	18	-	-	18	108	-83.3
Asia Total	1,682,001	1,778,015	1,973,729	5,481,565	5,426,219	1.0
China (Taiwan)	466,128	454,232	703,151	1,604,516	2,290,917	-30.0
Israel	-	113,247	223,783	337,256	557,190	-39.5
Japan	922,803	798,753	920,680	2,679,875	1,832,261	46.3
Korea, Republic of	291,523	411,604	125,621	858,143	743,866	15.4
Other ³	1,547	179	494	1,775	1,985	-10.6
Oceania & Australia Total	111	68	17	179	491	-63.5
Africa Total	301,790	383,951	-	685,741	38,205	(²)
Egypt	1,128	-	-	1,128	-	-
Morocco	300,618	383,675	-	684,293	38,205	(²)
South Africa, Rep of	44	276	-	320	-	-
Total	7,674,824	8,913,694	7,070,303	23,187,667	15,588,696	48.7

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 Changes of 500 percent or more are not shown.

³ Includes countries with exports less than or equal to 50,000 short tons (45,359 metric tons) in 1994.

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 B8. Average Price of U.S. Steam Coal Exports
(Dollars per Metric Ton)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$34.01	\$33.96	\$33.38	\$34.12	\$33.16	2.9
Canada ¹	33.64	33.91	33.38	33.94	33.05	2.7
Mexico	36.30	42.67	44.96	37.12	45.98	-19.3
Other ²	37.36	39.20	-	37.45	38.94	-3.8
South America Total	36.60	51.53	41.02	40.48	41.19	-1.7
Argentina	37.96	37.96	37.96	37.96	37.96	*
Brazil	43.92	-	-	43.92	-	-
Other ²	36.53	52.07	45.10	40.56	45.04	-9.9
Europe Total	43.10	41.38	39.23	41.34	39.53	4.6
Belgium & Luxembourg	42.50	37.59	36.16	39.57	36.71	7.8
Denmark	34.89	35.91	32.22	35.07	32.22	8.9
Finland	39.10	-	-	39.10	-	-
France	38.00	45.77	-	39.18	44.78	-12.5
Germany, FR	46.05	34.36	-	37.77	49.79	-24.1
Ireland	-	40.50	36.90	39.61	36.84	7.5
Italy	46.42	46.81	42.25	45.56	42.37	7.5
Netherlands	44.45	41.72	39.88	41.00	39.37	4.1
Portugal	40.83	41.74	39.65	40.80	39.30	3.8
Romania	-	-	39.00	43.08	40.64	6.0
Spain	47.42	44.96	45.03	45.55	44.66	2.0
Sweden	53.51	-	-	53.51	-	-
Turkey	43.82	-	-	43.91	-	-
United Kingdom	36.82	40.91	55.00	38.80	52.04	-25.4
Other ²	-	-	-	-	44.91	-
Asia Total	38.99	37.19	38.78	38.07	39.23	-3.0
China (Taiwan)	39.60	37.16	42.95	39.37	42.44	-7.2
Israel	-	39.10	37.12	37.55	37.54	*
Japan	39.63	38.38	36.17	38.33	36.95	3.7
Korea, Republic of	35.89	34.14	37.46	34.74	36.13	-3.9
Other ²	37.93	37.70	45.05	37.88	40.86	-7.3
Oceania & Australia Total	43.82	-	-	43.82	44.04	-5
Africa Total	36.62	36.70	-	36.66	37.75	-2.9
Egypt	44.97	-	-	44.97	-	-
Morocco	36.59	36.69	-	36.65	37.75	-2.9
South Africa, Rep of	-	43.84	-	43.84	-	-
Total	39.63	38.41	37.09	39.09	37.98	2.9
U.S. Total³	37.76	37.50	37.73	37.79	37.73	.1

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

² Includes countries with exports less than or equal to 50,000 short tons (45,359 metric tons) in 1994.

³ 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 B9. U.S. Metallurgical Coal Exports
(Metric Tons)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	1,604,771	1,159,760	1,164,593	3,068,142	2,579,535	18.9
Canada ¹	1,542,364	1,090,139	1,138,460	2,871,149	2,422,802	18.5
Mexico	62,407	69,221	26,133	196,993	156,733	25.7
South America Total	1,661,656	1,575,702	1,419,711	4,438,972	3,958,398	12.1
Argentina	-	119,126	90,076	180,825	314,464	-42.5
Brazil	1,661,656	1,456,576	1,329,635	4,258,147	3,643,934	16.9
Europe Total	6,354,711	6,025,877	5,545,236	18,464,033	17,397,999	6.1
Belgium & Luxembourg	758,150	508,406	742,867	2,210,848	2,597,940	-14.9
Bulgaria	204,968	306,097	354,600	816,153	774,712	5.3
Finland	166,845	213,185	109,593	439,856	249,514	76.3
France	544,596	795,944	687,844	2,090,893	2,036,871	2.7
Germany, FR	28,159	26,049	-	103,714	201,178	-48.4
Italy	1,091,758	1,205,618	984,355	3,180,284	3,527,878	-9.9
Netherlands	965,959	803,819	701,744	2,772,040	2,242,124	23.6
Norway	19,999	25,218	11,321	68,542	42,982	59.5
Romania	595,240	284,982	322,315	1,195,727	388,301	207.9
Spain	567,089	514,132	465,900	1,555,545	1,868,986	-16.8
Sweden	286,688	183,974	219,565	661,556	502,097	31.8
Turkey	449,355	358,105	203,569	1,228,909	849,884	44.6
United Kingdom	661,992	794,086	741,563	2,112,379	2,115,532	-.1
Other ²	13,913	6,262	-	27,587	-	-
Asia Total	2,268,547	3,002,943	2,243,869	7,852,873	6,742,041	16.5
China (Taiwan)	99,795	-	108,733	216,451	125,465	72.5
Israel	127,486	-	-	127,486	-	-
Japan	1,481,563	2,374,687	1,718,519	5,735,327	5,074,120	13.0
Korea, Republic of	559,703	628,256	416,617	1,773,609	1,542,456	15.0
Africa Total	551,873	354,318	431,296	1,362,131	1,379,375	-1.3
Algeria	99,812	-	107,825	149,773	264,326	-43.3
Egypt	303,150	207,431	126,392	733,478	666,074	10.1
South Africa, Rep of	148,911	146,887	197,079	478,880	448,975	6.7
Total	12,441,558	12,118,200	10,804,705	35,186,151	32,057,348	9.8

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 (45,359 metric tons) in 1994.

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 B10. Average Price of U.S. Metallurgical Coal Exports
(Dollars per Metric Ton)

Continent and Country of Destination	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$41.87	\$40.46	\$38.96	\$41.27	\$38.84	6.2
Canada ¹	41.58	39.66	38.72	40.63	38.19	6.4
Mexico	48.84	53.00	49.57	50.52	48.97	3.2
South America Total	49.28	47.41	46.50	47.95	46.48	3.2
Argentina	-	49.43	46.82	47.68	47.10	1.2
Brazil	49.28	47.28	46.48	47.96	46.43	3.3
Europe Total	51.39	49.99	48.34	50.19	49.28	1.8
Belgium & Luxembourg	52.10	50.14	49.59	50.46	49.78	1.4
Bulgaria	48.66	49.35	45.89	48.24	46.32	4.2
Finland	49.67	43.81	46.41	46.76	46.57	.4
France	50.28	49.26	49.14	49.63	49.03	1.2
Germany, FR	52.60	52.60	-	51.00	50.30	1.4
Italy	52.23	50.48	49.15	50.94	49.89	2.1
Netherlands	52.44	50.64	49.98	50.89	50.13	1.5
Romania	46.83	49.12	35.70	47.96	35.70	34.3
Spain	54.21	51.83	50.46	52.40	51.39	2.0
Sweden	53.18	53.79	50.13	51.98	50.19	3.5
Turkey	49.73	46.71	45.20	47.27	45.81	3.2
United Kingdom	52.80	51.44	49.68	51.15	49.72	2.9
Asia Total	48.74	46.31	43.83	46.29	45.93	.8
China (Taiwan)	49.16	-	47.16	47.89	47.08	1.7
Israel	45.10	-	-	45.10	-	-
Japan	47.69	45.37	42.51	45.03	45.08	-.1
Korea, Republic of	52.26	49.85	48.39	50.29	48.66	3.4
Africa Total	52.96	50.07	48.44	51.25	47.99	6.8
Algeria	52.95	-	47.19	51.99	47.56	9.3
Egypt	50.85	50.85	46.80	50.90	46.46	9.6
South Africa, Rep of	54.01	49.71	50.19	51.28	50.53	1.5
Total	49.36	47.75	46.15	48.24	47.33	1.9
U.S. Total²	49.77	48.16	46.18	48.55	47.37	2.5

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

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 B11. U.S. Coal Imports
(Metric Tons)

Continent and Country of Origin	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	347,125	342,180	299,124	890,841	788,633	13.0
Canada	347,125	319,793	299,124	868,328	788,553	10.1
Mexico	-	19	-	145	80	81.3
Netherlands Antilles	-	22,368	-	22,368	-	-
South America Total	915,405	854,551	1,453,592	2,926,997	3,519,755	-16.8
Colombia	638,818	411,690	1,023,215	1,760,299	2,620,473	-32.8
Venezuela	276,587	442,861	430,377	1,166,698	899,282	29.7
Europe Total	130	-	-	344	-	-
Denmark	-	-	-	214	-	-
United Kingdom	130	-	-	130	-	-
Asia Total	257,333	159,295	331,389	646,840	705,184	-8.3
China (Mainland)	48	-	-	48	101	-52.5
Indonesia	257,285	159,295	310,540	646,768	684,234	-5.5
Japan	-	-	1	24	1	(¹)
Vietnam	-	-	20,848	-	20,848	-
Oceania & Australia Total	45,166	104,066	-	188,862	55,290	241.6
Australia	45,166	65,566	-	150,362	55,290	172.0
New Zealand	-	38,500	-	38,500	-	-
Africa Total	-	-	6,101	-	129,802	-
South Africa, Rep of	-	-	6,101	-	123,720	-
Swaziland	-	-	-	-	6,082	-
Total	1,565,159	1,460,092	2,090,206	4,653,884	5,198,664	-10.5

¹ Changes of 500 percent or more are not shown.

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 B12. Average Price of U.S. Coal Imports
(Dollars per Metric Ton)

Continent and Country of Origin	July - September 1995	April - June 1995	July - September 1994	Year to date		
				1995	1994	Percent Change
North America Total	\$38.01	\$37.12	\$42.34	\$36.14	\$32.47	11.3
Canada	38.01	37.12	42.34	36.14	32.47	11.3
South America Total	35.21	37.45	32.30	35.70	31.26	14.2
Colombia	33.34	34.38	29.92	33.78	30.19	11.9
Venezuela	39.52	40.30	37.96	38.61	34.39	12.3
Europe Total	28.27	-	-	28.27	-	-
United Kingdom	28.27	-	-	28.27	-	-
Asia Total	39.17	46.07	38.88	39.59	39.29	.8
Indonesia	39.17	46.07	37.94	39.59	38.87	1.9
Vietnam	-	-	53.00	-	53.00	-
Oceania & Australia Total	34.58	39.54	-	37.34	32.10	16.3
Australia	34.58	32.71	-	33.80	32.10	5.3
New Zealand	-	51.17	-	51.17	-	-
Africa Total	-	-	-	-	25.69	-
South Africa, Rep of	-	-	-	-	25.69	-
Total¹	36.43	38.51	34.30	36.40	32.43	12.3
U.S. Total²	37.04	39.86	34.09	37.43	32.69	14.5

¹ The average price 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 \$50 per short ton (\$18.14 to \$45.36 per metric 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."

Appendix C

Explanatory Notes

Coal is a combustible sedimentary organic rock composed primarily of carbon, hydrogen, and oxygen.

Explanatory Notes

Data Sources

All data in this report were collected by the Energy Information Administration (EIA), U.S. Department of Energy (DOE), except import and export data, which were collected by the Bureau of the Census (Census Bureau), U.S. Department of Commerce. All of the EIA data were collected by mail from respondents who were required to report; no sampling procedures were used. Followup of nonrespondents was conducted through EIA's standard procedures, which include written and telephone requests.

Copies of the survey forms and instructions used to collect data appearing in this publication can be obtained by calling EIA's National Energy Information Center at (202) 586-8800, e-mail <INFOCTR@EIA.DOE.GOV>.

Coal Surveys

EIA began collecting coal data on October 1, 1977. Before then, the Bureau of Mines (BOM), U.S. Department of the Interior, conducted surveys of coal production, distribution, and consumption, and published the data in the *Minerals Yearbook*.

As early as the 1880's, the U.S. Geological Survey began collecting coal data under a voluntary reporting system. The responsibility for gathering this information was transferred to BOM, initially under the U.S. Department of Commerce and later under the U.S. Department of the Interior. Except for a brief period from 1937 to 1943, when bituminous coal data were collected under authority of the Bituminous Coal Act, BOM continued to conduct voluntary coal surveys until DOE was created in October 1977.

EIA conducts three quarterly coal surveys--of manufacturers consuming coal, of coke plants, and of distributors of coal--and one annual survey of mines producing coal. All data, with a few exceptions that are stated in the Technical Notes, are presented as reported on the surveys with no estimations or other adjustments for missing data. The data are maintained in a computer system and are edited to ensure that they are reasonable, consistent, and complete.

So that EIA may fulfill its data collection functions as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275), response to these surveys is mandatory.

Quarterly Coal Consumption Report - Manufacturing Plants (Form EIA-3)

Form EIA-3 is used to survey U.S. manufacturers that consume 1 thousand tons or more of coal per year for all uses other than coke production. These data were collected on a monthly basis until 1980, when the reporting cycle was revised to a quarterly schedule. Data on manufacturers' coal stocks, receipts, prices, and consumption are reported.

Through the end of 1988, all manufacturers that consumed coal were required to file Form EIA-3. Beginning with the first quarter of 1989, only those manufacturers that consumed 1 thousand or more tons in the past year were required to report. At present, 725 manufacturers respond to the EIA-3 survey. The response rate for the current quarter was 100 percent. In order to identify undercoverage problems, the data from this survey are compared with shipments to *manufacturers* reported on EIA's "Coal Distribution Report," Form EIA-6. At present, the coal receipts reported by *manufacturers* on Form EIA-3 cover approximately 97 percent of the coal shipments to *manufacturers* on Form EIA-6. Consequently, the coal consumption data gathered on the Form EIA-3 is not the total consumption at manufacturing plants. See Technical Note 6 for data adjustment procedures for coal consumption for the other industrial sector.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, July - September, and October - December issues of this publication. Any revisions necessary for the entire year are applied and the data are considered final when published in the report, *Coal Industry Annual*, in the fall of the following year.

The respondent list of manufacturers for Form EIA-3 is compared with lists of coal-consuming manufacturing plants from State Air Quality and Energy Offices. When new respondents are found, they are added to the survey mailing list.

Coke Plant Report (Form EIA-5)

Form EIA-5, a quarterly report of coal receipts, carbonization, and stocks, and of coke and breeze production, distribution, and stocks, is used to survey all U.S. coke plants.

Coke plants were surveyed monthly and a supplemental survey was taken annually until 1981, when the reporting cycle was revised to a quarterly schedule with an annual supplemental survey. In 1985, collection of the annual supplement was ended.

Presently, there are 33 respondents to the EIA-5 survey, and the response rate was 100 percent. The respondent list for this survey is updated by continuous monitoring of the industry literature.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September, and October - December issues of this publication. Any revisions necessary for the entire year are applied and the data are considered final when published in the report, *Coal Industry Annual*, in the fall of the following year.

Coal Distribution Report (Form EIA-6)

Form EIA-6 is used to survey all U.S. companies (producers and/or distributors) that own or purchase and distribute more than 50 thousand short tons of coal annually. Data on coal production and purchases, distribution by consumer category, and method of transportation are reported.

At present, there are 12 hundred respondents to the EIA-6 survey. Until the end of 1988, coal distribution companies were required to report production on a Bureau of Mines district basis. For the year 1989, respondents were required to report on a BOM district/State basis. Beginning with the first quarter of 1990, respondents were required to report on a State basis. The response rate for the current quarter was 100 percent. The annual production total reported on Form EIA-6 exceeds 99 percent of total production as reported by all mines on Form EIA-7A, "Coal Production Report," due to the difference in reporting thresholds. The data gathered on the Form EIA-6 only represent the domestic coal distributed during the quarter. Therefore, imported coal distributed during the quarter is not included.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September, and October - December issues of this publication. Any revisions necessary for the entire year are applied and the data are considered final when published in the report, *Coal Industry Annual*, in the fall of the following year.

The respondent list for this survey is updated by comparing it with lists of coal producers from the Mine Safety and Health Administration (MSHA), U.S.

Department of Labor, and from similar lists maintained by various State agencies. Also, new respondents are frequently identified on Form EIA-6 itself when other companies are named as sources of coal purchases.

Coal Production Report (Form EIA-7A)

Form EIA-7A is used to survey all coal mining companies that own a mining operation that produces, processes, or prepares 10 thousand or more short tons of coal annually in the United States. Data on coal production, coalbeds mined, stocks, employment, productivity, productive capacity, and recoverable reserves are reported. The EIA annual publication, *Coal Industry Annual* (DOE/EIA-0584), is prepared from data reported on this survey.

At present, there are 2,426 respondents to the EIA-7A survey. Data for nonrespondents, if unobtainable through EIA's standard procedures for nonrespondents, were derived from coal production reports from State mining agencies, from coal distributors on Form EIA-6, "Coal Distribution Report," and from Form 7000-2, "Quarterly Mine Employment and Coal Production Report," which contains data collected by MSHA. The respondents on this survey are compared with lists of mining operations maintained by various State agencies and MSHA, to identify new respondents. The coal production and number of mines data on the Form EIA-7A include the entire population of U.S. coal mines. The other information contained on the form represents data for mines producing 10 thousand short tons or more during the year. This subgroup represents approximately 98 percent of all coal production.

Data from this survey are considered final at the time of publication.

Electric Utility Surveys

Coal data appear in this report from two monthly surveys of electric utilities - from all generating electric utilities and from fossil-fueled plants.

The Census Bureau collected and published the results of a census taken every 5 years from 1902 to 1937 on the electric light and power industries and some data on industrial production of electric energy. The U.S. Geological Survey collected data on capacity and generation of electric utilities from 1920 to 1936, when this activity was turned over to the Federal Power Commission (FPC).

All data are presented as reported on the surveys. No estimates or other adjustments are made for missing data. The data are maintained in a computer system and are edited to ensure that they are reasonable, consistent, and complete. For additional information from these surveys and for other electric utility data, see

Monthly Power Plant Report (Form EIA-759)

Form EIA-759 (which, until 1982, was called FPC Form 4) is used to survey all generating electric utilities. The Federal Power Act and FPC Order Number 141 define the legislative authority to collect power production data. Consumption and stocks of coal and other fuels at each plant are reported. The respondents to Form EIA-759, approximately 700 plants, account for 100 percent of total electric utility generation.

Current year data from this survey are preliminary and unrevised in the January - March, April - June, and July - September issues of this publication. Usually in the October - December issue, revisions necessary for the entire prior year are applied and the data are considered final.

Monthly Report of Cost and Quality of Fuels for Electric Plants (FERC Form 423)

Federal Energy Regulatory Commission (FERC) Form 423 is used to survey all fossil-fueled plants with a total steam or combined-cycle generating capacity of 50 megawatts or more. It is submitted by approximately 225 electric utilities. (Before 1983, this form was called FPC Form 423, and all fossil-fueled plants with a total generating capacity of 25 megawatts or more were surveyed.) In 1972, the FPC issued Order Number 453, which included the legislative authority to create FERC Form 423. Cost, quality, and source of fuels (by State or country of origin), including coal, are reported.

Data from this survey are preliminary and unrevised in all four quarterly issues of the publication for the reporting year. Usually in the following year's January - March issue, any revisions necessary for the entire prior year are applied and the data are considered final.

Export and Import Data

Export and import data (except imports to electric utilities which are reported on the FERC Form 423) are obtained from the Census Bureau--export data from the monthly EM 545 (formerly EM 522) report, import data from the monthly IM 145 report. The Census Bureau compiles these data monthly from documents filed with the U.S. Customs Service as

required by law. They include shippers' export declaration forms, import entry forms, and warehouse withdrawal forms. No sampling procedures are used. The Census Bureau publication *Guide to Foreign Trade Statistics* describes the foreign trade statistics program, including the EM 545 and IM 145 monthly reports.

Data from these surveys are considered final at the time of publication.

Technical Notes

1. Differences in Related Coal Data

Coal Production versus Coal Distribution. Coal production represents newly-mined coal. Coal distribution represents shipments of newly-mined coal and coal from producer/distributor stockpiles (previously mined coal).

Coal Distribution versus Coal Receipts. Differences in coal distribution data and coal receipts data are due to the time lag between distribution and receipt of coal shipments, and due to the survey threshold differences. In addition, coal distributed includes only domestic coal, whereas receipts include imported coal.

Foreign Distribution of U.S. Coal versus U.S. Coal Exports. Foreign distribution of U.S. coal does not equal U.S. coal exports due to reporting time differences and survey threshold differences.

2. Other Industrial Plants and Manufacturing

The *other industrial plants* end-use sector includes the *manufacturing*, agriculture, forestry and fishing, mining, and construction industries. Manufacturing accounts for approximately 97 percent of the coal receipts and consumption and 100 percent of the coal stocks in the *other industrial plants* sector as reported herein. Data sources for the *other industrial plants* sector and the *manufacturing* sector are Forms EIA-6 and EIA-3, respectively. The source statement in each table identifies the survey used to collect coal data for the *other industrial plants* sector, and the following technical notes describe the methodology used when data were derived.

3. Residential and Commercial

To reduce the reporting burden to coal users, the EIA does not conduct any survey of coal data from residential and commercial users of coal. Shipments of coal to this sector, reported by producers and distributors of coal on Form EIA-6, are equated to coal receipts and consumption by the *residential and commercial* sector, assuming no stock changes.

4. Receipts

Coal receipts data are derived for each end-use sector as follows:

Electric Utilities. Receipts are reported on FERC Form 423.

Coke Plants. Receipts are reported on Form EIA-5.

Other Industrial Plants. Receipts are derived for each State by two methods, and the method producing the larger value for a State is chosen. The two methods are (1) receipts as reported on Form EIA-3, and (2) shipments to the *other industrial plants* sector as reported on Form EIA-6, which includes shipments to the *transportation* sector.

Residential and Commercial. Shipments to the *residential and commercial* sector are reported on Form EIA-6 and are defined as receipts for this end-use sector.

5. Prices

Prices are derived for each end-use sector as follows:

Electric Utilities. Prices are reported for each plant in cents-per-million Btu on FERC Form 423. The price per ton of coal is calculated at each plant using cents-per-million Btu and the average Btu content per pound of coal for the appropriate rank of coal. The average prices appearing in the tables (e.g., across all States) are calculated by summing the dollar value at each plant (short tons of coal multiplied by price per short ton) and dividing by the corresponding total tons. For more information about prices of coal at *electric utilities*, see the EIA publication, *Electric Power Monthly* (DOE/EIA-0226).

Coke Plants. Respondents are asked to report the number of tons of coal received (or coke distributed) on Form EIA-5 and the total value of that coal (or

coke) in dollars. Average prices are calculated by summing the reported values (e.g., across all States) and dividing by the corresponding total tons.

Other Industrial Plants. Respondents (manufacturing plants only) are asked to report the number of tons of coal received on Form EIA-3 and the total value of that coal in dollars. Average prices are calculated by summing the reported values across all States and dividing by the corresponding total tons.

Residential and Commercial. Data are not collected. See Technical Note 3.

6. Consumption

Quarterly Data

Coal consumption data are derived for each end-use sector as follows:

Electric Utilities. Consumption is reported on Form EIA-759.

Coke Plants. Consumption is reported on Form EIA-5.

Other Industrial Plants. In deriving a quarterly estimate for coal consumption for the *other industrial plants* sector, the first step is to equate consumption to beginning stocks plus receipts minus ending stocks. In terms of an equation, consumption can be expressed as $C = S_b + R - S_e$, where S_b = beginning stocks, R = receipts, and S_e = ending stocks.

Therefore, consumption is $C = (S_b - S_e \text{ (change in stocks)}) + R$. Next, stock change at the State level is equated to the stock change for that State as reported on Form EIA-3, receipts at the State level are derived as described in Section 3, and a computed consumption is derived using the same equation for each State. Finally, the quarterly consumption (C) at the State level is equated to the maximum of the computed consumption at the State level, as previously described, and the quarterly consumption for that State as reported on Form EIA-3. This process ensures that State-level consumption for the *other industrial plants* sector is always greater than or equal to the *manufacturing* sector consumption for that State. Total quarterly consumption for the *other industrial plants* sector is computed by summing the quarterly State-level consumption figures.

Residential and Commercial. Shipments to the *residential and commercial* sector as reported on Form EIA-6 are defined as consumption as well as receipts for this end-use sector.

Monthly Data

EIA publishes monthly estimates of coal consumption in the *Monthly Energy Review* (DOE/EIA-0035).

Monthly coal consumption at electric utility plants is derived directly from Form EIA-759. Prior to 1980, monthly coal consumption at coke plants was derived directly from Form EIA-5. For 1981 through 1987, it was derived from the quarterly coal consumption reported on Form EIA-5, using the ratios of monthly to quarterly consumption in 1979, the last year that coke plant data were collected monthly on Form EIA-5. These ratios by month (January - December) are 0.3377, 0.3200, 0.3423; 0.3529, 0.3462, 0.3009; 0.3364, 0.3347, 0.3289; and 0.3273, 0.3301, 0.3426.

Starting with 1988, monthly coal consumption at coke plants is derived from quarterly coal consumption reported on Form EIA-5, using ratios derived from monthly data on raw steel production published by the American Iron and Steel Institute (AIS) on Form AIS7. The ratio is the proportion of monthly raw steel production from open hearth and basic oxygen process furnaces to the quarterly raw steel production from those furnace types.

Prior to 1978, coal consumption for the *other industrial plants* sector (i.e., industrial users minus coke plants) was derived by using monthly data reported on Form EIA-3 to modify baseline coal consumption figures from the most recent Census of Manufactures or Annual Survey of Manufactures, Bureau of the Census, U.S. Department of Commerce. For 1978 through 1987, data from Forms EIA-3 and EIA-6 are used to compute monthly coal consumption for the *other industrial plants* sector.

Given the quarterly consumption for the *other industrial plants* sector (C), the monthly consumption for the sector (Cm) is estimated for each month in the quarter as $C_m = (C_{m3}/C_3) \times C$ where C_{m3}/C_3 is the ratio of monthly to quarterly coal consumption as reported on Form EIA-3. For the 1978 coal consumption figures, the ratios used are based on 1978 EIA-3 data. For 1979 through 1987, the ratios used are based on the 1979 EIA-3 data. These 1979 ratios by month (January - December) are 0.3593, 0.3264, 0.3143; 0.3485, 0.3332, 0.3183; 0.3317, 0.3407, 0.3276; and 0.3045, 0.3253, 0.3702.

Starting with 1988, monthly coal consumption for the other industrial plants sector is derived from quarterly coal consumption reported on Form EIA-3 using monthly ratios derived from the industrial production indices published by the Board of Governors of the Federal Reserve System. Six major industry groups' indices are used as the basis for calculating the monthly ratios. These groups are foods (Standard Industrial Classification (SIC) 20), paper and products (SIC 26), chemicals and products (SIC 28), petroleum products (SIC 29), clay, glass, stone products (SIC 32), and primary metals (SIC 33).

The monthly ratios are computed as the monthly sum of weighted indices as a proportion of the quarterly sum of weighted indices, using the 1985 proportion as the weight.

Prior to 1980, monthly coal consumption for the *residential and commercial* sector was derived by using monthly data reported on Form EIA-2, "Monthly Coal Report - Retail Dealers and Upper Lake Docks," to modify baseline coal consumption figures developed by the Bureau of Mines, U.S. Department of the Interior.

For 1980, the quarterly coal consumption figures in the *residential and commercial* sector are converted to monthly coal consumption figures using the ratios of monthly to quarterly coal deliveries to this sector in 1979 as reported on Form EIA-2. These 1979 ratios by month (January-December) are 0.4002, 0.3502, 0.2496; 0.4805, 0.2901, 0.2294; 0.3126, 0.2952, 0.3922; and 0.2931, 0.3101, 0.3968. The 1981 and 1982 monthly coal consumption figures were derived using the 1979 ratios but were also modified according to heating/cooling degree-days. For 1983 through 1987, coal consumption figures are converted to monthly coal consumption figures using only the ratios of monthly to quarterly coal deliveries to this sector in 1979.

Starting with 1988, monthly coal consumption figures are derived using the monthly national average population weighted heating/cooling degree-days obtained from the National Oceanic and Atmospheric Administration. The ratio is the proportion of the monthly national sum of heating and cooling degree-days to the quarterly sum.

7. Stocks

Quarterly Data

Coal stocks are derived for each end-use sector as follows:

Electric Utilities. Stocks are reported on Form EIA-759.

Coke Plants. Stocks are reported on Form EIA-5.

Other Industrial Plants. Stocks are reported on Form EIA-3, i.e., stocks at *manufacturing* plants only. Technical Note 1 discusses the difference between *other industrial plants* and *manufacturing plants*.

Residential and Commercial. Data are not available. See Technical Note 3.

Producer and Distributor. Stocks are reported on Form EIA-6.

Monthly Data

EIA publishes monthly estimates of coal stocks in the *Monthly Energy Review* (DOE/EIA-0035).

Coal stocks at electric utility plants are derived directly from Form EIA-759. Prior to 1980, coal stocks at coke plants were derived directly from Form EIA-5. For 1980 and subsequent years, the stock level at the end of the first month of a quarter is derived as ending stocks for the previous quarter plus (minus) one-third of the current quarterly stock increase (decrease), as reported on the Form EIA-5. The stock level at the end of the second month is equal to the stock level at the end of the first month plus (minus) one-third of the current quarterly stock increase (decrease). The stock level at the end of the third month is equal to the stock level at the end of the current quarter.

Prior to 1978, coal stocks for the *other industrial plants* sector (i.e., industrial users minus coke plants) were derived by using monthly data reported on Form EIA-3, to modify baseline coal stock figures from a one-time survey of coal consumers by the Bureau of Mines, U.S. Department of the Interior. For 1978 and subsequent years, the data source for stocks in the *other industrial plants* sector is Form EIA-3. Quarterly stock changes in the period 1978-1982 were judgmentally apportioned by month, based on seasonal influences on supply and demand for coal in steam-coal markets. For 1983 and subsequent years, quarterly stock changes reported on Form EIA-3 are apportioned by month in the same manner as described for coke plants in the preceding paragraph.

8. Production

Estimates of coal production by region and State are published in this report for the current quarter (Table 4). These estimates are derived from Form EIA-6, Form 7000-2 (Mine Safety and Health Administration (MSHA), U.S. Department of Labor), and from State mining agency coal production reports. The EIA also publishes monthly estimates of total coal production in the *Monthly Energy Review* (DOE/EIA-0035) and monthly and weekly estimates by State in the *Weekly Coal Production* report (DOE/EIA-0218). Final coal production data for the year are shown both in the *Quarterly Coal Report* (DOE/EIA-0121) and in the *Coal Industry Annual* report (DOE/EIA-0584).

Weekly Data

Estimates of national weekly coal production are based on weekly carload data collected by the Association of American Railroads (AAR) from its members (Class I Railroads) and certain other railroads. EIA calculates the average number of tons per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. The average number of tons per carload is then multiplied by the number of cars loaded to obtain an estimate of weekly production shipped by AAR railroads.

Next, the estimate of coal shipped by AAR railroads for the week is converted to total coal produced by all States for the week. This U.S. weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production. Because this is done on a weekly basis, and prior to completion of current quarterly statistics, the factor used is derived, using ICC data on tons per carload and total carloadings and EIA data on total production for the same quarter of the previous year. Figures for the same quarter of the year are used in order to reflect seasonal variations, except in years when there were supply disruptions, i.e., coal miners strike, floods, etc. In these cases the latest quarter's data is used and adjusted. In other cases, the ratio of rail tonnage to total production may also be adjusted to take additional, more current information into consideration, such as rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, this total is split into two subtotals - the portion representing States with little or no rail coal shipments, and the portion representing the remaining States, where a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, Arkansas, Iowa, Louisiana, Missouri, Texas, and Washington. With the exception of Louisiana, production data for each "nonrail" State are developed by multiplying the estimate of U.S. weekly coal production by the ratio of the previous quarter production for each State to U.S. total production. The EIA contacts the one producer in Louisiana to develop weekly production data for Louisiana.

Estimates for the remaining States are in aggregate equal to the U.S. weekly coal production minus the estimated production from the nonrail States. Estimates for "rail States" are based on the AAR carload data compiled by State of origin, including separate estimates for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky, and northern and southern West Virginia. To determine the distribution of railroad carloadings by State of origin, EIA uses information obtained directly from the AAR railroads.

Each railroad's share of rail traffic originating in the States it serves is multiplied by the current week's tonnage derived from the carloading reports filed with AAR to determine the State tonnages for each railroad. These tonnages are then summed by each State to estimate total production shipped by AAR rail for that State. These tonnages are divided by the most recent ratio of annual AAR rail tonnage to total annual production for each State. The resulting weekly coal production estimates for the rail States are then adjusted to ensure that each State's production figure contributes proportionately and sums to the weekly coal production estimate previously derived in aggregate for the rail States.

Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the *Weekly Coal Production* report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

Quarterly Data

Estimates of quarterly coal production are equated to the data collected quarterly on Form EIA-6. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production and purchases totals as reported on the Form EIA-6. Quarterly State production figures are equated to the State level production and purchases totals as reported on Form EIA-6.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time, quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

Finalizing of Annual Production

A preliminary estimate of total annual U.S. coal production, as reported in the *Weekly Coal Production* report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates. When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary estimate of fourth-quarter U.S. total production and the corresponding State-level production are revised. In addition, any revisions to the data for the first three quarters of the Form EIA-6 are reflected in the fourth quarter QCR.

Weekly, monthly, and quarterly State and national production data are adjusted to conform to finalized annual production figures in September of the following year.

9. Methods of Transportation

Rail: Shipments of coal moved to consumers by rail, either private or public/commercial. Included is coal hauled to or away from a railroad siding by truck.

Water Transportation: Shipments of coal moved by one of the three methods--river, great lakes, or tidewater piers and coastal ports. Included in these shipments is coal hauled to or from water loading facilities by other means of transportation.

River: Shipments of coal moved to consumers via river by barge, except shipments to Great Lakes coal loading docks or tidewater piers or coastal ports.

Great Lakes: Shipments of coal moved to consumers via the Great Lakes. These shipments are moved via the Great Lakes coal loading docks, which are identified by name and locations as follows: Superior Midwest Energy Terminal, Superior, Wisconsin; Bessemer & Lake Erie Coal Storage & Transfer Facility, Conneaut, Ohio; B&O Railroad Coal Loading Dock, Lorain, Ohio; C&O Railroad Presque Isle Docks, Toledo, Ohio; Lakefront Dock & Railroad Terminal Company Coal Loading Dock, Toledo, Ohio; N&W Sandusky Coal Pier No. 3, Sandusky, Ohio; ConRail Coal Transfer Facilities, Ashtabula, Ohio; Rail to Water Transfer Corporation Dock, Chicago, Illinois.

Tidewater Piers and Coastal Ports: Shipments of coal moved to tidewater piers and coastal ports for further shipments to consumers via coastal water or ocean. The tidewater piers are identified by name and location as follows: B&O Curtis Bay Coal Piers, Baltimore, Maryland; C&O Coal Piers Nos. 14 & 15, Newport News, Virginia; N&W Lamberts Point Coal Piers Nos. 5 & 6, Norfolk, Virginia; Alabama State

Docks Bulk Handling Plant, Mobile, Alabama; Alabama State Docks/McDuffie Terminals, Mobile, Alabama; Canton Coal Piers, Baltimore Harbor on the Chesapeake Bay; Greenwich Coal Pier, Greenwich Point, Philadelphia, Pennsylvania, on the Delaware River; Port Richmond Pier, Pier 18 Port Richmond, Philadelphia, Pennsylvania, on the Delaware River; Galveston Regional Coal Distribution Center, Pelican Island, Galveston, Texas; International Marine Terminals/Plaquemines Parish Terminal, Mile 57 AHP-Mississippi River, approximately 30 miles south of New Orleans; Energy Terminals of Houston, Inc., a Subsidiary of Soros Associates, Houston, Texas. Coastal Ports are those located at Charleston, South Carolina; New York, New York; San Diego, California; Los Angeles, California; and Seattle, Washington.

Truck: Shipments of coal moved to consumers by truck.

Tramway, Conveyor, or Slurry Pipeline: Shipments of coal moved to consumers by tramway, conveyor, or slurry pipeline.

10. Census Export and Import Data

Export and import data are obtained from the Bureau of the Census, U.S. Department of Commerce, where they are compiled monthly from documents filed with the U.S. Customs Service, as required by law.

Each coal shipment is reported in short tons with corresponding total dollar values. EIA converts all value data obtained from the Census Bureau to average price data by dividing the dollar value by the quantity.

Based on an analysis and sample validation of the Census Bureau import and export data conducted by the EIA, it was determined that some of the coal and coke data collected from the Census Bureau may be misleading or incorrect (particularly those data associated with very small quantities or very high prices). Because of this, a methodology was developed to edit the Census Bureau price data.

Prior to 1989, certain data cells had been suppressed for publication purposes only: (1) average import coal prices of \$50.00 or more per short ton; (2) average export coal prices of \$60.00 or more per short ton; (3) average coke prices of \$200.00 or more per short ton; (4) all percent changes of 500 percent or more.

Beginning with 1989, coal export data were categorized as metallurgical coal and steam coal, rather than as bituminous steam coal, lignite, anthracite, and bituminous metallurgical coal.

In addition, coal export tables were revised to present those countries to which the United States exported

more than 50,000 short tons in the prior calendar year. The remaining countries in each continent were aggregated in an "other" category. This reduces the number of empty cells and highlights the major importers of U.S. coal. All coke export and import, and coal import countries and quantities are displayed.

The following methodology was used to derive the typical average prices as presented in the price tables. For all coal, a price distribution was derived from the prior calendar year export price data. Since extreme price variations in the Census Bureau data are the exception rather than the rule, the price distribution was used to identify a typical price range. The price distribution, from low to high, along with the frequency of each price (quantity) was analyzed to determine the representative prices. The extreme prices at both ends of the distribution were eliminated to arrive at a price range that covered at least 90 percent of the exports. This price range was considered to include typical or representative prices. Considering the records that fell within the typical price range, the weighted average price was calculated by country of destination and type of coal.

The same procedure was used to determine the typical average prices of coal imports. In addition to the average prices based on the above methodology, a U.S. total row is presented in the price tables, which represents the average price using all the Census Bureau data.

For reporting purposes, the month of exportation reflects the month in which the shipment leaves the United States. The month of importation generally is based on the month in which the U.S. Customs Service releases the merchandise to the importer. For both sets of data, however, there can exist a small carry-over from the actual month of exportation or importation to a subsequent month, usually the succeeding month. A number of factors in processing account for this, e.g., late receipt of a document for an end-of-month shipment, or rejection of a shipment by the computer due to failure to meet established edit criteria. These limitations should be considered when making comparisons.

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

11. Metric Data

Selected quarterly tables are converted to metric tons by multiplying the underlying data by the factor .907185. The metric data in Appendix B are derived from the following tables:

Tables 1, 45, 52, 14/15, 16, 17, 18, 19, 20, 21, 24, and 25, and are presented, respectively, in Tables B1 through B12.

12. Revisions

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by this office are published either as preliminary or final when first

appearing in a data report. Data initially released as preliminary will be so noted in the report. These data will be revised, if necessary, and declared final in the next publication of the data.

2. All monthly and quarterly survey data collected by this office are published as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this.

3. The magnitudes of changes due to revisions experienced in the past will be included in the data reports, so that the reader can assess the accuracy of the data (Table C1).

4. After data are published as final, corrections will be made only in the event of a greater than one percent difference at the national level. Corrections for differences that are less than the one percent threshold are left to the discretion of the Office Director.

13. Price Data and Taxes

The price data reported in this publication include relevant local, State, and Federal excise and sales taxes.

14. Approximate Heat Content of Coal

Table C2 presents the approximate heat content of coal by rank and disposition for 1982 through 1995.

Table C1. Accuracy of Preliminary Quarterly Values Compared with Final Quarterly Values at the U.S. Level, 1993 and 1994

Item	Mean Absolute Value of Change	
	1993	1994
Production (Thousand Short Tons)	667	852
Distribution (Thousand Short Tons)		
Electric Generation	787	428
Other Industrial	241	79
Coke Plants	745	78
Residential/Commercial	150	56
Receipts (Thousand Short Tons)		
Electric Utilities	45	48
Other Industrial	390	314
Coke Plants	0	155
Residential/Commercial	139	56
Average Price of Coal Receipts (Dollars Per Short Ton)		
Electric Utilities	\$21	\$31
Other Industrial	2.69	3.64
Coke Plants	.00	24.22
Consumption (Thousand Short Tons)		
Electric Utilities	128	31
Other Industrial	413	54
Coke Plants	0	170
Residential/Commercial	139	56
Stocks¹ (Thousand Short Tons)		
Electric Utilities	91	130
Other Industrial	28	38
Coke Plants	0	65
Producer/Distributor	34	26

¹ Stocks are end of quarter values.

Notes: • Change refers to the difference between preliminary quarterly data published in the *Quarterly Coal Report* (QCR) and the final quarterly data published in the QCR and *Coal Industry Annual*. • Mean absolute value of change is the unweighted average of the absolute changes. • NA=Not Available.

Sources: • Energy Information Administration, Form EIA-7A, "Coal Production Report"; Form EIA-6, "Coal Distribution Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; Form EIA-759, "Monthly Power Plant Report." • Federal Energy Regulatory Commission: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C2. Approximate Heat Content of Coal
(Million Btu per Short Ton)

Coal Rank Sector	1982	1983	1984	1985	1986	1987	1988
Anthracite							
Production	23.289	22.734	23.107	22.428	23.084	23.108	23.266
Consumption	22.518	21.583	22.322	20.817	21.512	22.435	22.423
Non-electric utility users	24.578	24.536	25.128	23.031	24.399	26.293	26.021
Electric utilities	18.160	16.516	17.018	16.784	15.578	15.962	17.312
Imports and exports	25.400	25.400	25.400	25.400	25.400	25.400	25.400
Bituminous Coal and Lignite							
Production	22.233	22.048	22.005	221.867	21.908	21.918	21.817
Consumption	21.670	21.576	21.570	21.368	21.462	21.514	21.324
Residential and commercial	22.226	22.438	22.406	22.568	22.669	22.800	23.135
Coke plants	26.800	26.800	26.800	26.800	26.800	26.800	26.800
Other industrial and transportation	22.695	22.680	22.525	22.013	22.185	22.360	22.341
Electric utilities	21.200	21.141	21.108	20.965	21.091	21.143	20.905
Imports	25.000	25.000	25.000	25.000	25.000	25.000	25.000
Exports	26.231	26.300	26.410	26.320	26.308	26.304	26.308
Coal Coke	24.800	24.800	24.800	24.800	24.800	24.800	24.800
	1989	1990	1991	1992	1993	1994	1995
Anthracite							
Production	23.385	23.574	22.573	22.572	22.573	22.572	22.573
Consumption	22.623	21.668	21.410	21.423	21.262	21.828	20.860
Non-electric utility users	27.196	25.199	25.268	24.617	24.096	25.037	24.872
Electric utilities	16.310	16.140	15.858	16.944	16.534	14.680	14.568
Imports and exports	25.400	25.400	25.400	25.400	25.400	25.400	25.400
Bituminous Coal and Lignite							
Production	21.759	21.819	21.678	21.643	21.383	21.347	21.272
Consumption	21.268	21.330	21.146	21.142	20.983	21.011	20.852
Residential and commercial	22.917	22.678	22.635	22.768	22.749	22.683	22.785
Coke plants	26.800	26.800	26.800	26.800	26.800	26.800	26.800
Other industrial and transportation	22.324	22.444	22.448	22.242	22.111	22.046	21.887
Electric utilities	20.854	20.935	20.761	20.792	20.644	20.681	20.509
Imports	25.000	25.000	25.000	25.000	25.000	25.000	25.000
Exports	26.166	26.207	26.192	26.165	26.341	26.335	26.212
Coal Coke	24.800	24.800	24.800	24.800	24.800	24.800	24.800

Note: All values shown for 1994 and previous years are final. Values for 1995 are preliminary.

Source: Calculated by Energy Information Administration. See *Monthly Energy Review* DOE/EIA-0035 Appendix A for detailed description.

Glossary

Anthracite Coal. A hard, black, lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. Comprises three groups classified according to the following American Society for Testing and Materials (ASTM) Specification D388-84, on a dry mineral-matter-free (mmf) basis:

	Fixed Carbon Limits		Volatile Matter	
	GE	LT	GT	LE
Meta-Anthracite	98	-	-	2
Anthracite	92	98	2	8
Semianthracite	86	92	8	14

GE = Greater than or equal to
 LT = Less than
 GT = Greater than
 LE = Less than or equal to

Ash. Impurities consisting of silica, iron, alumina, and other incombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect the burning characteristics. Ash content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Bituminous Coal. The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content usually is less than 20 percent. It is used for generating electricity, making coke, and space heating. Comprises five groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free (mmf) basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value.

	Fixed Carbon Limits		Volatile Matter Limits		Calorific Value Limits Btu/lb.	
	GE	LT	GT	LT	GE	LE
LV	.78	86	14	22	-	-
MV	69	78	22	31	-	-
HVA	-	69	31	-	14000	-
HVB	-	-	-	-	13000	14000
HVC	-	-	-	-	10500	13000

LV = Low-volatile bituminous coal
 MV = Medium-volatile bituminous coal
 HVA = High-volatile A bituminous coal
 HVB = High-volatile B bituminous coal
 HVC = High-volatile C bituminous coal
 GE = Greater than or equal to
 LT = Less than
 GT = Greater than
 LE = Less than or equal to

Blast Furnace. A furnace in which solid fuel (coke) is burned with an air blast to smelt ore.

Breeze. The fine screenings from crushed coke. Usually breeze will pass through a 1/2-inch or 3/4-inch screen opening. It is most often used as a fuel source in the process of agglomerating iron ore.

Btu (British thermal unit). The amount of heat needed to raise the temperature of 1 pound of water by 1 degree Fahrenheit. The Btu is a convenient measure by which to compare the energy content of various fuels.

Census Divisions. The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce for statistical analysis. The boundaries of Census divisions coincide with State boundaries. In some cases, the Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

Coal Carbonized. The amount of coal decomposed into solid coke and gaseous products by heating in a coke oven in a limited air supply or in the absence of air.

Coal-Producing Regions. A geographic classification of coal-producing States. The States in the Appalachian Region are Alabama, Georgia, Eastern Kentucky, Maryland, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. The Interior Region States are Arkansas, Illinois, Indiana, Iowa, Kansas, Western Kentucky, Louisiana, Missouri, Oklahoma, and Texas. Alaska, Arizona, California, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, and Wyoming are States in the Western Region.

Coal-Producing States. The States where mined and/or purchased coal originates are defined as follows: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky Eastern, Kentucky Western, Louisiana, Maryland, Missouri, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania anthracite, Pennsylvania bituminous, Tennessee, Texas, Utah, Virginia, Washington, West Virginia Northern, West Virginia Southern, and Wyoming.

The following coal-producing States are split in origin of coal, as defined below:

- *Kentucky, Eastern* All mines located in counties other than the Western Kentucky counties.
- *Kentucky, Western* All mines in the following counties in Western Kentucky: Butler, Caldwell, Christian, Crittenden, Daviess, Edmonson, Grayson, Hancock, Henderson, Hopkins, Logan, McLean, Muhlenberg, Ohio, Simpson, Todd, Union, Warren, and Webster.
- *Pennsylvania Anthracite* All mines in the following counties: Carbon, Columbia, Dauphin, Lackawanna, Lebanon, Luzerne, Northumberland, Schuylkill, Sullivan, and Susquehanna. All anthracite mines in Bradford County.
- *Pennsylvania Bituminous* All mines located in counties other than the Pennsylvania anthracite counties and all bituminous mines in Bradford County.
- *West Virginia, Northern* All mines in the following counties (formerly defined as Coal-Producing Districts 1, 3, & 6): Barbour, Brooke, Braxton, Calhoun, Doddridge, Gilmer, Grant, Hancock, Harrison, Jackson, Lewis, Marion, Marshall,

Mineral, Monongalia, Ohio, Pleasants, Preston, Randolph, Ritchie, Roane, Taylor, Tucker, Upshur, Webster, Wetzel, Wirt, and Wood.

- **West Virginia, Southern** All mines in the following counties (formerly defined as Coal-Producing Districts 7 & 8): Boone, Cabell, Clay, Fayette, Greenbrier, Kanawha, Lincoln, Logan, Mason, McDowell, Mercer, Mingo, Monroe, Nicholas, Pocahontas, Putnam, Raleigh, Summers, Wayne, and Wyoming.

Coal Rank. A classification of coal based on fixed carbon, volatile matter, heating value, and agglomerating character. It is an indication of the progressive alteration, or coalification, from lignite to anthracite. The rank of coal can also be determined by measuring the reflectance of vitrinite, one of the several organic components (macerals) of coal.

Coke (coal). In general, coke is made from bituminous coal (or blends of bituminous coal) from which the volatile constituents are driven off by baking in an oven at temperatures as high as 2,000 degrees Fahrenheit, so that the fixed carbon and ash are fused together. Coke is hard and porous, has a gray, submetallic luster, and is strong enough to support a load of iron ore in a blast furnace. It is used both as a fuel and a reducing agent in smelting iron ore in a blast furnace. Coke has a heating value of 24.8 million Btu per short ton.

Coke Plants. Plants where coal is carbonized in slot or beehive ovens for the manufacture of coke.

Electric Utilities. All privately owned companies and all publicly owned agencies engaged in the generation, transmission, or distribution of electric power for public use. Publicly owned agencies include municipal electric utilities, Federal power projects, such as the Tennessee Valley Authority (TVA), rural electrification cooperatives, power districts, and State power projects.

f.a.s. Value. Free alongside ship value. The value of a commodity at the port of exportation, generally including the purchase price plus all charges incurred in placing the commodity alongside the carrier at the port of exportation in the country of exportation.

Foundry. An operation where metal castings are produced, using coke as a fuel.

Furnace Coke Plant. A coke plant whose coke production is used primarily by the producing company.

Lignite. A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). It is also referred to as brown coal. Comprises two groups classified according to the following ASTM Specification D388-84 for calorific values on a moist material-matter-free (mmf) basis:

Limits Btu/lb.

	GE	LT
Lignite A	6300	8300
Lignite B	-	6300

GE = Greater than or equal to

LT = Less than

Merchant Coke Plant. A coke plant where coke is produced primarily for sale on the commercial (open) market.

Metallurgical Coal (or coking coal). A coal that meets the requirements for making coke. It must have a low ash and sulfur content and form a coke that is capable of supporting the charge of iron ore and limestone in a blast furnace. A blend of two or more bituminous coals is usually required to make coke.

Metric Ton. A unit of weight equal to 2,204.6 pounds.

Other Industrial Plant. Industrial users, not including coke plants, engaged in the mechanical or chemical transformation of materials or substances into new products (manufacturing); and companies engaged in the agriculture, mining, or construction industries.

Preparation Plant. A mining facility at which coal is crushed, screened, and mechanically cleaned.

Residential and Commercial Sector. Housing units; wholesale and retail businesses (except coal wholesale dealers); health institutions (hospitals); social and educational institutions (schools and universities); and Federal, State, and local governments (military installations, prisons, office buildings).

Short Ton. A unit of weight equal to 2 thousand pounds.

Steam Coal. A coal that is used in boilers to generate steam to produce electricity or for other purposes.

Stocks. The supply of coal or coke at a mine, plant, or utility at the end of the reporting period.

Subbituminous Coal. A dull black coal of rank intermediate between lignite and bituminous, consisting of subbituminous A coal, subbituminous B coal, and subbituminous C coal, classified according to the following ASTM Specification D388-84 on a moist mineral-matter-free (mmf) basis:

	Calorific Value Limits Btu/lb.	
	GE	LT
Subbituminous A Coal	10500	11500
Subbituminous B Coal	9500	10500
Subbituminous C Coal	8300	9500

GE = Greater than or equal to

LT = Less than

Sulfur. One of the elements present in varying quantities in coal that contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or equal to one percent), medium (greater than one percent and less than or equal to three percent), and high (greater than three percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Surface Mine. A coal-producing mine that is usually within a few hundred feet of the surface. Earth above or around the coal (overburden) is removed to expose

the coalbed, which is then mined with surface excavation equipment such as draglines, power shovels, bulldozers, loaders, and augers. It may also be known as an area, contour, open-pit, strip, or auger mine.

Underground Mine. A mine where coal is produced by tunneling into the earth to the coalbed, which is then mined with underground mining equipment such as cutting machines and continuous, longwall, and shortwall mining machines. Underground mines are classified according to the type of opening used to reach the coal, i.e., drift (level tunnel), slope (inclined tunnel), or shaft (vertical tunnel).

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

Required by 39 U.S.C. 3685

1A. Title of Publication QUARTERLY COAL REPORT		1B. PUBLICATION NO. 7 3 6 - 4 5 9 8		2. Date of Filing 9-21-95	
3. Frequency of Issue QUARTERLY		3A. No. of Issues Published Annually 4		3B. Annual Subscription Price Domestic \$26.00 Foreign \$32.50	
4. Complete Mailing Address of Known Office of Publication (Street, City, County, State and ZIP+4 Code) (Not printers) U. S. Department of Energy 1000 Independence Avenue, SW Energy Information Administration Washington, DC 20585					
5. Complete Mailing Address of the Headquarters of General Business Offices of the Publisher (Not printer) U. S. Department of Energy 1000 Independence Avenue, SW Energy Information Administration Washington, DC 20585					
6. Full Names and Complete Mailing Address of Publisher, Editor, and Managing Editor (This item MUST NOT be blank)					
Publisher (Name and Complete Mailing Address) U. S. Department of Energy 1000 Independence Avenue, SW Energy Information Administration Washington, DC 20585					
Editor (Name and Complete Mailing Address) Ingrid Springer 1000 Independence Avenue, SW U. S. Department of Energy Washington, DC 20585					
Managing Editor (Name and Complete Mailing Address) Nancy A. Nicoletti 1000 Independence Avenue, SW U. S. Department of Energy Washington, DC 20585					
7. Owner (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.)					
Full Name			Complete Mailing Address		
N/A			N/A		
8. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages or Other Securities (If there are none, so state)					
Full Name			Complete Mailing Address		
N/A			N/A		
9. For Completion by Nonprofit Organizations Authorized to Mail at Special Rates (DMM Section 423.12 only) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one)					
(1) ☒ Has Not Changed During Preceding 12 Months					
(2) ☐ Has Changed During Preceding 12 Months					
(If changed, publisher must submit explanation of change with this statement.)					
10. Extent and Nature of Circulation (See instructions on reverse side)		Average No. Copies Each Issue During Preceding 12 Months		Actual No. Copies of Single Issue Published Nearest to Filing Date	
A. Total No. Copies (Net Press Run)		1212		1587	
B. Paid and/or Requested Circulation					
1. Sales through dealers and carriers, street vendors and counter sales		454		300	
2. Mail Subscription (Paid and/or requested)		658		1110	
C. Total Paid and/or Requested Circulation (Sum of 10B1 and 10B2)		1112		1410	
D. Free Distribution by Mail, Carrier or Other Means Samples, Complimentary, and Other Free Copies		48		150	
E. Total Distribution (Sum of C and D)		1160		1560	
F. Copies Not Distributed					
1. Office use, left over, unaccounted, spoiled after printing		52		27	
2. Return from News Agents		0		0	
G. TOTAL (Sum of E, F1 and 2—should equal net press run shown in A)		1212		1587	
11. I certify that the statements made by me above are correct and complete		Signature and Title of Editor, Publisher, Business Manager or Owner Inez E. Allen Management Analyst <i>Inez E. Allen</i>			

Energy Awareness

**ENERGY
FUELS OUR
FUTURE**

UNITED STATES DEPARTMENT OF ENERGY

Energy Information Administration
U.S. Department of Energy
Forrestal Building, EI-231
Washington, DC 20585

SECOND-CLASS MAIL
POSTAGE & FEES PAID
U.S. DEPARTMENT OF ENERGY
ISSN 0736-4598

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300