Quarterly Coal Report

April-June 1998

November 1998

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Questions concerning the contents of this report should be directed to Paulette Young, (202) 426-1150.

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Contacts

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

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

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Preface

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

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

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

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

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

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

All data for 1998 are preliminary. All data for 1997 are final. U.S coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report." Coal production data for 1998 are preliminary and are based on the quarterly survey, Form 7000-2, "Quarterly Mine Employment and Coal Production Report," U.S. Department of Labor, Mine Safety and Health Administration.

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

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

Contents

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

Tables

	Page
1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1992-1998	1
2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1992-1998	2
3. U.S. Coal Production, 1992-1998	4
4. Coal Production by State	5
5. Coke and Breeze Production at Coke Plants	6
6. U.S. Coal Exports and Imports, 1992-1998	8
7. Average Price of U.S. Coal Exports and Imports, 1992-1998	8
8. U.S. Coal Exports	9
9. Average Price of U.S. Coal Exports	10
10. U.S. Steam Coal Exports	11
11. Average Price of U.S. Steam Coal Exports	12
12. U.S. Metallurgical Coal Exports	13
13. Average Price of U.S. Metallurgical Coal Exports	14
14. Coal Exports by Customs District	15
15. U.S. Coke Exports	16
16. U.S. Coal Imports	16
17. Average Price of U.S. Coal Imports	17
18. Coal Imports by Customs District	18
19. U.S. Coke Imports	18
20. U.S. Coal Receipts by End-Use Sector, 1992-1998	20
21. Average Price of Coal Receipts by End-Use Sector, 1992-1998	21
22. Coal Receipts by Census Division and State	22
23. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State	23
24. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State ..	24
25. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State	25
26. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State	26
27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 1998	27
28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1998, 1997	28
29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1998, 1997	32
30. Coal Receipts at Coke Plants	36
31. Average Price of Coal Receipts at Coke Plants	36
32. Coal Receipts at Other Industrial Plants by Census Division and State	37
33. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State	38
34. U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code	39
35. Average Price of U.S. Coal Receipts at Manufacturing Plants by Standard Industrial Classification (SIC) Code	39
36. Coal Receipts by the Residential and Commercial Sector by Census Division and State	40
37. U.S. Coal Consumption by End-Use Sector, 1992-1998	42
38. Coal Consumption by Census Division and State	43
39. Coal Consumption at Electric Utility Plants by Census Division and State	44
40. Change in Electric Utility Net Generation by State and Census Division, 1998 versus 1997	45
41. Coal Carbonized at Coke Plants by Census Division and State	46
42. Coal Consumption at Other Industrial Plants by Census Division and State	47
43. U.S. Coal Consumption at Manufacturing Plants by Standard Industrial Classification (SIC) Code	48
44. Coal Consumption by Residential and Commercial Sector by Census Division and State	49
45. U.S. Coal Stocks, 1992-1998	52
46. Consumer Coal Stocks by Census Division and State, June 30, 1998	53
47. Coal Stocks at Electric Utility Plants by Census Division and State	54
48. Coal Stocks at Coke Plants by Census Division and State	55
49. Coal Stocks at Other Industrial Plants by Census Division and State	56
50. U.S. Coal Stocks at Manufacturing Plants by Standard Industrial Classification (SIC) Code	57
51. Coke and Breeze Stocks at Coke Plants	57
A1. Quantity and Average Price of U.S. Coal Imports, 1992-1998	61
A2. Quantity and Average Price of U.S. Coal Imports by Origin, 1992-1998	62
A3. U.S. Coal Imports by Origin and by Customs District	63

A4.	Average Price of U.S. Coal Imports by Origin and by Customs District	64
A5.	Imported Coal Received at Electric Utility Plants by Origin	65
A6.	Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998	66
A7.	Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998	74

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

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

¹ Reported as of the last day of the quarter.

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

³ Losses and Unaccounted For is calculated as production plus imports minus the change in producer and distributor stocks minus consumption minus exports minus the change in consumer stocks.

^E Estimated.

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

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

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

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

¹ Reported as of the last day of the quarter.

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

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

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

Production

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

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

NA Not available.

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

Sources: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report;" Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

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

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

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

Sources: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report;" Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

Table 5. Coke and Breeze Production at Coke Plants
(Thousand Short Tons)

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

^w Withheld to avoid disclosure of individual company data.

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

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

Exports and Imports

Table 6. U.S. Coal Exports and Imports, 1992-1998
(Thousand Short Tons)

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

NA Not available.

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

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

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

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

NA Not available.

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

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

Table 8. U.S. Coal Exports
(Short Tons)

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

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ Changes of 500 percent or more are not shown.

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

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

Table 9. Average Price of U.S. Coal Exports
(Dollars per Short Ton)

Continent and Country of Destination	April - June 1998	January - March 1998	April - June 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$28.54	\$29.57	\$30.46	\$28.83	\$31.34	-8.0
Canada ¹	28.07	27.91	29.52	28.03	30.04	-6.7
Dominican Republic.....	36.74	36.74	-	36.74	-	-
Jamaica.....	-	39.69	41.96	39.69	41.96	-5.4
Mexico.....	34.87	36.45	36.96	35.66	38.08	-6.3
Other ²	40.79	41.23	-	41.00	40.68	.8
South America Total	43.49	43.18	43.21	43.32	43.84	-1.2
Argentina.....	43.39	46.72	40.75	45.07	47.52	-5.1
Brazil.....	43.52	43.51	43.80	43.52	44.02	-1.1
Chile.....	40.75	28.59	33.66	28.67	34.01	-15.7
Other ²	42.68	40.81	40.81	41.62	40.85	1.9
Europe Total	43.23	44.51	42.85	43.89	42.62	3.0
Belgium & Luxembourg.....	44.62	46.91	47.09	45.78	46.58	-1.7
Bulgaria.....	42.58	46.11	47.13	44.61	46.85	-4.8
Denmark.....	34.02	34.02	30.80	34.02	33.55	1.4
Finland.....	40.46	-	41.51	40.46	41.51	-2.5
France.....	46.06	46.50	45.16	46.29	45.58	1.6
Germany, FR.....	33.87	41.56	45.86	36.86	44.90	-17.9
Ireland.....	37.42	37.70	37.42	37.64	37.77	-.3
Italy.....	46.75	46.32	44.84	46.52	45.38	2.5
Netherlands.....	44.17	47.08	45.86	45.79	44.47	3.0
Norway.....	57.11	57.18	-	57.17	-	-
Portugal.....	37.39	40.09	35.55	38.52	36.71	4.9
Romania.....	42.35	43.02	48.00	42.62	47.00	-9.3
Spain.....	41.91	44.00	34.09	43.06	35.97	19.7
Sweden.....	46.80	48.45	48.34	47.61	48.32	-1.5
Turkey.....	46.32	44.95	46.62	45.52	46.42	-1.9
United Kingdom.....	41.36	40.86	39.59	41.13	37.81	8.8
Other ²	56.40	53.33	54.59	54.84	54.73	.2
Asia Total	39.66	40.29	40.89	40.02	40.26	-.6
China (Taiwan).....	34.34	36.63	34.54	35.26	36.39	-3.1
Israel.....	31.93	36.04	37.19	34.18	37.11	-7.9
Japan.....	39.97	39.45	40.14	39.65	39.66	*
Korea, Republic of.....	43.87	45.66	45.02	44.80	45.11	-.7
Other ²	39.91	40.81	39.93	40.45	35.16	15.0
Oceania & Australia Total	40.61	51.08	40.81	50.70	40.81	24.2
Africa Total	44.77	46.22	49.90	45.48	48.82	-6.8
Algeria.....	41.30	45.13	46.28	43.89	47.37	-7.4
Egypt.....	44.53	43.94	51.48	44.26	52.85	-16.3
Morocco.....	31.57	-	-	31.57	30.67	2.9
South Africa, Rep of.....	49.28	49.35	48.83	49.31	49.14	.4
Other ²	40.81	37.21	40.76	38.85	40.76	-4.7
Total³	38.40	41.62	40.39	39.92	40.95	-2.5
U.S. Total⁴	38.60	41.90	40.80	40.16	41.26	-2.7

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

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

* Rounded to zero

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

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

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

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

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Destination	April - June 1998	January - March 1998	April - June 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$25.69	\$28.57	\$27.49	\$26.51	\$29.37	-9.7
Canada ¹	24.89	26.02	26.06	25.17	27.86	-9.7
Dominican Republic.....	36.74	36.74	-	36.74	-	-
Jamaica.....	-	39.69	41.96	39.69	41.96	-5.4
Mexico.....	34.21	36.45	34.48	35.36	35.76	-1.1
Other ²	40.79	41.23	-	41.00	40.68	.8
South America Total	40.85	36.58	37.35	37.58	39.26	-4.3
Argentina.....	40.80	40.80	40.75	40.80	40.78	*
Brazil.....	40.80	40.77	37.76	40.80	42.23	-3.4
Chile.....	40.75	28.59	33.66	28.67	34.01	-15.7
Other ²	40.88	40.81	40.81	40.83	40.85	-1
Europe Total	31.71	33.93	31.95	32.91	32.25	2.1
Belgium & Luxembourg.....	35.38	35.18	37.06	35.28	37.08	-4.9
Denmark.....	34.02	34.02	30.80	34.02	33.55	1.4
Finland.....	-	-	36.20	-	36.20	-
France.....	-	36.20	37.20	36.20	35.54	1.9
Germany, FR.....	28.64	35.97	37.88	31.05	37.88	-18.0
Ireland.....	37.42	37.70	37.42	37.64	37.94	-8
Italy.....	38.72	38.68	38.72	38.70	40.17	-3.7
Netherlands.....	28.30	24.60	31.09	27.17	32.25	-15.8
Portugal.....	33.02	36.88	35.55	34.48	35.50	-2.9
Spain.....	22.11	21.02	22.08	21.56	21.93	-1.7
Turkey.....	40.74	40.75	40.79	40.75	40.77	-1
United Kingdom.....	29.81	30.04	31.08	29.92	29.83	.3
Other ²	40.58	34.48	34.47	34.93	34.59	1.0
Asia Total	33.91	35.01	34.77	34.58	35.39	-2.3
China (Taiwan).....	34.34	34.52	34.54	34.40	35.16	-2.2
Israel.....	32.34	34.88	37.19	33.75	35.82	-5.8
Japan.....	33.78	34.52	34.39	34.34	35.62	-3.6
Korea, Republic of.....	33.48	38.17	35.47	35.80	35.34	1.3
Other ²	39.91	40.81	39.93	40.45	24.18	67.3
Oceania & Australia Total	40.61	40.80	40.81	40.78	40.81	-1
Africa Total	32.10	37.21	40.80	32.38	30.77	5.3
Egypt.....	39.88	-	40.86	39.88	40.82	-2.3
Morocco.....	31.57	-	-	31.57	30.67	2.9
Other ²	40.81	37.21	40.76	38.85	40.76	-4.7
Total³	28.40	32.59	31.10	30.20	32.29	-6.5
U.S. Total⁴	29.18	33.19	32.25	30.89	33.10	-6.7

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

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

• Rounded to zero

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

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

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

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

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

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

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

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

Continent and Country of Destination	April - June 1998	January - March 1998	April - June 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$38.63	\$33.29	\$35.19	\$37.18	\$35.98	3.3
Canada ¹	38.49	33.29	34.42	37.06	34.67	6.9
Mexico.....	50.29	-	47.35	50.29	47.47	6.0
South America Total	43.55	43.69	43.92	43.62	44.25	-1.4
Argentina.....	43.54	47.90	-	45.61	49.12	-7.1
Brazil.....	43.53	43.51	43.92	43.52	44.06	-1.2
Other ²	44.45	-	-	44.45	-	-
Europe Total	46.31	47.73	47.90	47.04	47.72	-1.4
Belgium & Luxembourg.....	46.04	48.63	48.17	47.35	48.53	-2.4
Bulgaria.....	42.58	46.11	47.13	44.61	46.85	-4.8
Finland.....	40.46	-	43.73	40.46	43.73	-7.5
France.....	46.06	47.55	45.84	46.80	46.82	*
Germany, FR.....	46.21	48.13	48.07	47.16	47.95	-1.6
Ireland.....	-	-	-	-	37.42	-
Italy.....	48.69	48.76	48.18	48.72	48.38	.7
Netherlands.....	46.00	47.92	47.24	47.11	46.87	.5
Norway.....	57.11	57.18	-	57.17	-	-
Portugal.....	45.36	44.00	-	44.71	44.91	-4
Romania.....	42.35	43.02	48.00	42.62	47.00	-9.3
Spain.....	47.67	49.43	51.07	48.66	49.37	-1.4
Sweden.....	46.80	48.45	48.34	47.61	48.32	-1.5
Turkey.....	46.33	44.96	46.63	45.52	46.42	-1.9
United Kingdom.....	48.20	48.66	49.64	48.40	49.35	-1.9
Other ²	56.60	56.60	59.76	56.60	59.83	-5.4
Asia Total	43.13	44.57	44.44	43.90	44.05	-3
China (Taiwan).....	-	41.86	-	41.86	44.30	-5.5
Israel.....	30.58	40.51	-	35.69	49.08	-27.3
Japan.....	41.85	43.55	42.41	42.74	42.18	1.3
Korea, Republic of.....	47.08	47.69	48.13	47.40	47.54	-3
Other ²	-	-	-	-	57.51	-
Oceania & Australia Total	-	55.11	-	55.11	-	-
Africa Total	46.10	46.28	49.91	46.19	50.81	-9.1
Algeria.....	41.30	45.13	46.28	43.89	47.37	-7.4
Egypt.....	44.54	43.94	51.49	44.26	52.87	-16.3
South Africa, Rep of.....	49.28	49.35	48.83	49.31	49.14	.4
Total³	44.63	45.92	45.46	45.27	45.99	-1.6
U.S. Total⁴	44.65	46.09	45.58	45.37	46.07	-1.5

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

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

* Rounded to zero

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

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

Table 14. Coal Exports by Customs District
(Short Tons)

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

¹ Changes of 500 percent or more are not shown.

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

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

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

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

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

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

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

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

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

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

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

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

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

Continent and Country of Origin	April - June 1998	January - March 1998	April - June 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$33.83	\$33.66	\$39.87	\$33.78	\$35.31	-4.3
Canada.....	33.83	33.66	39.87	33.78	35.31	-4.3
South America Total	30.01	32.66	32.79	31.31	32.47	-3.6
Colombia.....	30.42	33.01	32.64	31.55	32.40	-2.6
Venezuela.....	29.48	32.36	33.23	31.05	32.69	-5.0
Europe Total	-	42.03	-	42.03	-	-
United Kingdom.....	-	42.03	-	42.03	-	-
Asia Total	32.87	38.77	36.48	35.10	33.32	5.4
Indonesia.....	32.87	38.77	36.48	35.10	33.32	5.4
Oceania & Australia Total	-	31.35	34.95	31.35	34.21	-8.4
Australia.....	-	31.35	34.95	31.35	34.21	-8.4
Total¹	31.04	33.54	34.48	32.18	33.13	-2.9
U.S. Total²	31.43	33.98	35.26	32.59	34.64	-5.9

¹ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal imports and fall within the range of \$20 to \$55 per short ton, inclusively.

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

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

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

Table 18. Coal Imports by Customs District
(Short Tons)

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

¹ Changes of 500 percent or more are not shown.

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

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

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

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

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

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

Receipts

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

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

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

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

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

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

¹ Manufacturing plants only.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

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

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

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

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

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

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

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

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

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

^w Withheld to avoid disclosure of individual company data.

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

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

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

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

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

^w Withheld to avoid disclosure of individual company data.

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

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

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

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

^w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	April - June 1998	January - March 1998	April - June 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	\$64.83	\$59.29	w	\$62.04	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	\$35.70	w	w	\$35.49	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	\$40.80	\$41.24	w	\$41.04	w
Pennsylvania.....	\$33.52	33.98	33.69	\$33.75	34.48	-2.1
East North Central Total	32.54	32.80	33.04	32.67	33.04	-1.1
Illinois.....	29.05	29.19	29.52	29.12	29.51	-1.3
Indiana.....	30.03	30.12	28.85	30.08	29.01	3.7
Michigan.....	40.01	42.30	40.73	40.86	41.54	-1.6
Ohio.....	32.68	34.19	34.52	33.49	34.55	-3.1
Wisconsin.....	40.08	40.73	39.43	40.40	40.31	.2
West North Central Total	19.09	18.45	19.03	18.78	18.93	-.8
Iowa.....	29.41	24.99	30.18	27.68	28.03	-1.2
Kansas.....	29.05	30.77	32.23	29.97	32.97	-9.1
Minnesota.....	29.31	34.84	31.40	31.78	32.80	-3.1
Missouri.....	30.49	31.97	30.10	31.24	30.45	2.6
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	\$23.17	\$24.99	\$23.20	\$24.02	\$23.66	1.5
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	\$45.02	\$44.69	\$45.61	\$44.86	\$45.35	-1.1
Georgia.....	44.31	44.42	44.99	44.37	45.00	-1.4
Maryland.....	33.29	32.70	32.15	32.98	32.57	1.2
North Carolina.....	42.16	43.46	42.84	42.85	43.18	-.8
South Carolina.....	44.04	44.71	44.30	44.37	44.23	.3
Virginia.....	44.39	44.01	43.62	44.18	44.03	.4
West Virginia.....	48.55	46.37	34.17	47.39	33.97	39.5
East South Central Total	w	w	w	w	w	w
Alabama.....	\$37.53	\$40.59	\$39.91	\$39.13	\$40.16	-2.6
Kentucky.....	44.64	43.75	44.67	44.16	44.79	-1.4
Mississippi.....	w	w	w	w	w	w
Tennessee.....	\$36.16	\$37.27	\$36.15	\$36.73	\$36.17	1.6
West South Central Total	22.46	22.53	22.62	22.50	22.91	-1.8
Arkansas.....	41.27	41.34	43.49	41.30	43.49	-5.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	\$20.76	\$20.41	\$20.15	\$20.59	\$20.06	2.6
Mountain Total	27.17	27.47	26.54	27.32	27.02	1.1
Arizona.....	39.59	38.18	40.16	38.93	39.44	-1.3
Colorado.....	25.51	25.04	25.00	25.26	24.87	1.6
Idaho.....	35.56	w	w	34.03	w	w
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	\$17.96	\$20.04	\$18.34	\$18.60	\$19.68	-5.5
Wyoming.....	23.99	24.25	23.93	24.13	23.25	3.8
Pacific Total	40.06	46.07	43.26	43.38	43.29	.2
Alaska.....	w	w	w	w	w	w
California.....	\$39.86	\$42.86	\$40.61	\$41.38	\$40.05	3.3
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	\$99.91	\$55.87	w	\$54.50	w
U.S. Total	\$31.88	32.77	32.29	\$32.32	32.45	-.4

w Withheld to avoid disclosure of individual company data.

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

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

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

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

¹ Includes coal gasification projects.

² Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

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

¹ Includes coal gasification projects.

² Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

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

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

Consumption

Table 37. U.S. Coal Consumption by End-Use Sector 1992-1998
(Thousand Short Tons)

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

^E Estimated.

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

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

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

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

* Rounded to zero.

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

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

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

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

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

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

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

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

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

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

* Number less than 0.5 rounded to zero.

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

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

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

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

^w Withheld to avoid disclosure of individual company data.

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

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

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

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

w Withheld to avoid disclosure of individual company data.

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

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

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

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

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

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

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

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

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

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

Stocks

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

Last Day of Quarter	Coal Consumers ¹				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial ²	Total		
1992 March 31	160,032	2,875	5,725	168,632	39,853	208,485
June 30	164,176	2,776	6,317	173,270	40,513	213,783
September 30	152,685	2,215	6,979	161,878	35,198	197,076
December 31	154,130	2,597	6,965	163,692	33,993	197,685
1993 March 31	143,978	2,809	5,831	152,619	38,453	191,072
June 30	145,753	3,020	6,070	154,842	34,827	189,669
September 30	112,833	2,536	6,540	121,909	27,183	149,092
December 31	111,341	2,401	6,716	120,458	25,284	145,742
1994 March 31	105,186	2,232	4,859	112,278	34,139	146,417
June 30	118,391	2,759	5,543	126,694	35,758	162,451
September 30	112,314	2,706	6,206	121,225	32,955	154,180
December 31	126,897	2,657	6,585	136,139	33,219	169,358
1995 March 31	135,778	2,719	5,507	144,004	42,460	186,463
June 30	143,385	2,624	5,649	151,657	42,104	193,761
September 30	123,227	2,476	6,036	131,739	36,193	167,932
December 31	126,304	2,632	5,702	134,639	34,444	169,083
1996 March 31	117,738	2,583	4,431	124,752	36,851	161,603
June 30	127,113	2,601	4,565	134,280	37,344	171,623
September 30	119,473	2,814	5,301	127,588	33,780	161,368
December 31	114,623	2,667	5,688	122,979	28,648	151,627
1997 March 31	113,727	2,372	4,572	120,671	37,544	158,215
June 30	120,787	2,050	4,751	127,588	42,529	170,117
September 30	102,119	2,059	5,338	109,516	39,111	148,627
December 31	98,826	1,978	5,597	106,401	33,973	140,374
1998 March 31	107,540	1,986	4,588	114,114	^E 40,994	^E 155,108
June 30	118,254	1,868	4,614	124,735	^E 38,331	^E 163,066

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

² Manufacturing plants only.

^E Estimated.

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

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

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

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

¹ Manufacturing plants only.

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

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

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

* Rounded to zero.

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

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

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

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

^w Withheld to avoid disclosure of individual company data.

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

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

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

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

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

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

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

¹ Includes coal gasification projects.

² Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

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

w Withheld to avoid disclosure of individual company data.

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

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

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Appendix A

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

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

NA Not available.

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

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

Table A2. Quantity and Average Price of U.S. Coal Imports by Origin, 1992-1998
(Thousand Short Tons and Dollars per Short Ton)

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

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, the average prices presented in this table are representative prices for coal imports that fall within the range of \$20 and \$55, inclusively. Therefore, the Total price column in this table will not equal the U.S. Total prices in Table A1. Coal imports include coal to Puerto Rico and the Virgin Islands.

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

Table A3. U. S. Coal Imports by Origin and by Customs District
(Short Tons)

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

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

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

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

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

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, the average prices presented in this table are representative prices for coal imports that fall within the range of \$20 and \$55, inclusively. Therefore, the Total price column in this table will not equal the U.S. Total prices in Table A1.

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

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

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

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

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

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

See footnotes at the end of Table A6.

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

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

¹ Data reported on quality of coal as received.

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

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

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton

Company and Plant: Gulf Power, Scholtz						
1997						
Kentucky.....	75.8	12,377	1.94	9.18	167.7	41.50
Total.....	75.8	12,377	1.94	9.18	167.7	41.50
1998						
January - March						
Kentucky.....	6.6	12,571	2.90	8.10	165.0	41.48
Total.....	6.6	12,571	2.90	8.10	165.0	41.48
April - June						
Kentucky.....	46.7	12,865	1.03	7.41	154.6	39.77
Total.....	46.7	12,865	1.03	7.41	154.6	39.77
Year to Date						
Kentucky.....	53.3	12,829	1.26	7.50	155.8	39.98
Total.....	53.3	12,829	1.26	7.50	155.8	39.98

Company and Plant: Gulf Power, Smith						
1992						
Illinois.....	878.5	11,996	2.80	8.46	222.5	53.39
Kentucky.....	6.3	11,982	2.54	7.10	129.5	31.03
Total.....	884.8	11,996	2.80	8.45	221.9	53.23
1993						
Illinois.....	704.8	11,905	2.18	7.96	179.4	42.71
Kentucky.....	15.9	12,269	2.96	9.45	121.7	29.85
Colombia.....	198.2	11,823	.61	5.96	184.6	43.65
Total.....	918.9	11,893	1.85	7.55	179.5	42.69
1994						
Illinois.....	391.8	12,086	2.11	7.93	160.3	38.76
Kentucky.....	17.7	11,881	3.22	10.78	140.2	33.31
Colombia.....	286.6	12,299	.61	4.17	172.3	42.39
South Africa.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela.....	53.8	12,272	.96	6.52	229.1	56.24
Total.....	877.3	12,051	1.36	7.35	171.1	41.23
1995						
Illinois.....	981.7	11,728	2.26	8.25	143.5	33.67
Venezuela.....	114.6	12,202	1.00	6.52	236.1	57.63
Total.....	1,096.4	11,777	2.13	8.07	153.6	36.17
1996						
Illinois.....	710.6	11,792	1.99	7.97	158.1	37.28
Kentucky.....	285.8	11,895	2.87	7.68	195.0	46.40
Venezuela.....	92.2	12,171	.99	6.03	234.7	57.13
Total.....	1,088.7	11,851	2.13	7.73	174.5	41.35
1997						
Alabama.....	190.6	11,712	2.92	13.90	179.6	42.08
Illinois.....	289.4	12,019	2.04	7.44	203.7	48.97
Kentucky.....	460.6	12,021	2.87	9.56	183.7	44.16
Total.....	940.6	11,958	2.62	9.78	189.1	45.22
1998						
January - March						
Alabama.....	13.8	11,636	2.94	14.81	174.4	40.58
Illinois.....	67.0	12,431	2.61	8.61	154.9	38.51
Kentucky.....	169.7	11,952	2.60	9.61	162.0	38.74
Total.....	250.5	12,063	2.62	9.63	160.7	38.78
April - June						
Illinois.....	59.8	12,657	2.63	8.98	140.4	35.55
Kentucky.....	143.7	11,933	2.75	8.82	139.2	33.22
Total.....	203.5	12,146	2.72	8.87	139.6	33.90
Year to Date						
Alabama.....	13.8	11,636	2.94	14.81	174.4	40.58
Illinois.....	126.8	12,538	2.62	8.78	148.0	37.11
Kentucky.....	313.4	11,944	2.67	9.24	151.6	36.21
Total.....	454.0	12,100	2.66	9.28	151.2	36.59

Company and Plant: Holyoke Water Power (NU), Mount Tom						
1992						
Pennsylvania.....	354.8	13,234	1.34	6.26	168.2	44.51
West Virginia.....	8.1	12,800	.80	8.50	198.2	50.74
Total.....	362.9	13,224	1.33	6.31	168.8	44.65

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Mississippi Power (Southern Co), Daniel						
1994						
Colorado.....	715.2	11,072	0.43	10.37	159.5	35.31
Kentucky.....	279.3	12,739	.68	9.06	181.7	46.28
Montana.....	1,288.4	9,402	.40	4.78	138.0	25.96
Total.....	2,282.8	10,334	.44	7.06	151.8	31.38
1995						
Colorado.....	951.3	11,076	.42	9.89	161.4	35.75
Montana.....	1,269.5	9,399	.38	4.43	140.0	26.31
Total.....	2,220.8	10,118	.39	6.77	150.0	30.36
1996						
Colorado.....	507.9	11,397	.46	8.87	159.3	36.32
Montana.....	2,163.3	9,394	.40	4.48	141.0	26.49
Total.....	2,671.2	9,774	.41	5.31	145.1	28.36
1997						
Montana.....	3,221.3	9,323	.39	4.56	145.5	27.13
Total.....	3,221.3	9,323	.39	4.56	145.5	27.13
1998						
January - March						
Montana.....	801.7	9,421	.39	4.65	149.0	28.07
Total.....	801.7	9,421	.39	4.65	149.0	28.07
April - June						
Montana.....	804.3	9,395	.37	4.37	145.8	27.39
Total.....	804.3	9,395	.37	4.37	145.8	27.39
Year to Date						
Montana.....	1,606.0	9,408	.38	4.51	147.4	27.73
Total.....	1,606.0	9,408	.38	4.51	147.4	27.73
Company and Plant: Mississippi Power (Southern Co), Watson						
1992						
Illinois.....	1,238.7	12,757	2.74	8.75	132.7	33.86
Kentucky.....	248.5	12,208	2.50	8.08	130.5	31.87
Total.....	1,487.2	12,665	2.70	8.64	132.4	33.53
1993						
Alabama.....	32.0	12,223	1.13	11.54	165.6	40.49
Illinois.....	1,079.9	12,697	2.71	9.10	134.1	34.06
Kentucky.....	215.3	12,168	1.11	8.61	141.0	34.30
West Virginia.....	68.9	12,244	1.07	12.12	144.0	35.25
Total.....	1,396.1	12,582	2.35	9.23	136.3	34.31
1994						
Illinois.....	1,062.7	12,456	2.41	8.55	131.8	32.84
Kentucky.....	30.8	11,934	1.05	11.28	145.2	34.65
West Virginia.....	62.2	12,392	.94	10.43	151.5	37.55
Total.....	1,155.7	12,439	2.30	8.72	133.2	33.14
1995						
Colorado.....	11.4	11,972	.50	7.91	145.8	34.91
Illinois.....	1,235.8	12,440	2.35	8.86	123.0	30.61
Total.....	1,247.2	12,436	2.33	8.86	123.2	30.65
1996						
Colorado.....	11.2	11,439	.44	8.63	148.7	34.02
Illinois.....	1,703.1	12,197	1.70	7.00	131.3	32.03
Kentucky.....	104.6	12,123	2.12	10.31	126.5	30.68
Wyoming.....	12.8	8,738	.44	5.25	129.5	22.63
Total.....	1,831.6	12,164	1.71	7.19	131.1	31.90
1997						
Alabama.....	126.4	12,461	1.04	9.73	145.8	36.34
Colorado.....	35.6	11,518	.49	7.49	154.8	35.65
Illinois.....	1,149.4	11,897	1.19	7.04	138.4	32.93
Kentucky.....	251.9	12,560	1.13	8.37	154.3	38.76
Wyoming.....	285.4	8,677	.46	5.69	133.8	23.22
Total.....	1,848.7	11,522	1.04	7.20	141.1	32.51
1998						
January - March						
Illinois.....	362.1	11,798	1.68	7.40	144.6	34.11
Kentucky.....	15.4	12,688	1.93	7.62	146.6	37.19
Wyoming.....	91.2	8,744	.40	5.34	132.9	23.24
Venezuela.....	13.6	12,312	.71	5.20	154.1	37.95
Total.....	482.3	11,263	1.42	6.95	143.2	32.26

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

See footnotes at the end of Table A7.

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

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

¹ Data reported on quality of coal as received.

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

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

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