

Quarterly Coal Report January-March 1998

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Office of Coal, Nuclear, Electric
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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**.

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 January through March 1998 and aggregated quarterly historical data for 1992 through the fourth quarter of 1997. 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, with the exception of coal production, 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 EIA-6A, "Coal Distribution Report."

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

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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	273,927	1,331	37,544	246,895	20,011	120,562	
April - June	269,701	1,708	42,529	233,955	20,603	128,804	
July - September	271,291	2,222	39,111	269,422	22,354	110,751	
October - December	273,700	2,226	33,973	257,999	20,576	106,837	
Total	1,088,619	7,487		1,031,098	83,545		-7,720
1998							
January - March	279,191	1,839	^E 40,994	247,431	18,294	114,114	
Total	279,191	1,839		247,431	18,294		

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	1,365	5,717	63
April - June	5,488	411	1,537	5,445	282
July - September	5,598	497	1,647	5,724	260
October - December.....	5,477	387	1,326	5,959	226
Total	22,115	1,565		22,845	832
1998 January - March	5,218	385	1,110	5,733	79
Total	5,218	385		5,733	79

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.....	273,927	269,701	271,291	273,700	1,088,619
1998.....	279,191	NA	NA	NA	279,191

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
Alabama.....	6,382	5,770	6,484	6,382	6,484	-1.6
Alaska.....	367	435	370	367	370	-.9
Arizona.....	3,136	3,221	2,998	3,136	2,998	4.6
Arkansas.....	7	6	4	7	4	88.5
Colorado.....	7,034	5,743	7,132	7,034	7,132	-1.4
Illinois.....	8,995	9,856	12,127	8,995	12,127	-25.8
Indiana.....	9,219	9,404	7,062	9,219	7,062	30.5
Kansas.....	94	89	83	94	83	12.6
Kentucky Total.....	39,331	39,751	39,297	39,331	39,297	.1
Eastern.....	30,755	30,009	30,475	30,755	30,475	.9
Western.....	8,576	9,743	8,823	8,576	8,823	-2.8
Louisiana.....	750	794	796	750	796	-5.9
Maryland.....	1,111	900	1,170	1,111	1,170	-5.1
Missouri.....	73	91	128	73	128	-43.1
Montana.....	10,455	11,784	9,717	10,455	9,717	7.6
New Mexico.....	6,622	6,158	7,139	6,622	7,139	-7.2
North Dakota.....	7,794	7,757	7,423	7,794	7,423	5.0
Ohio.....	7,595	8,136	7,869	7,595	7,869	-3.5
Oklahoma.....	416	422	426	416	426	-2.2
Pennsylvania Total.....	19,606	19,143	17,345	19,606	17,345	13.0
Anthracite.....	921	1,314	1,210	921	1,210	-23.9
Bituminous.....	18,686	17,829	16,135	18,686	16,135	15.8
Tennessee.....	656	748	932	656	932	-29.6
Texas.....	12,823	13,199	13,432	12,823	13,432	-4.5
Utah.....	6,367	6,785	6,724	6,367	6,724	-5.3
Virginia.....	8,301	9,054	9,324	8,301	9,324	-11.0
Washington.....	894	1,294	804	894	804	11.2
West Virginia Total.....	44,742	42,152	45,429	44,742	45,429	-1.5
Northern.....	12,761	11,020	12,739	12,761	12,739	.2
Southern.....	31,980	31,132	32,690	31,980	32,690	-2.2
Wyoming.....	76,421	71,007	69,710	76,421	69,710	9.6
Appalachian Total.....	119,148	115,912	119,028	119,148	119,028	.1
Interior Total.....	40,953	43,604	42,882	40,953	42,882	-4.5
Western Total.....	119,090	114,184	112,017	119,090	112,017	6.3
East of the Miss. River.....	145,938	144,916	147,040	145,938	147,040	-.7
West of the Miss. River.....	133,253	128,785	126,887	133,253	126,887	5.0
U.S. Total.....	279,191	273,700	273,927	279,191	273,927	1.9

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)

	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
Coke Total	5,218	5,478	5,551	5,218	5,551	-6.0
By State						
Alabama	463	480	581	463	581	-20.3
Illinois	w	w	w	w	w	w
Indiana	1,000	1,086	1,089	1,000	1,089	-8.2
Kentucky	w	w	w	w	w	w
Michigan	w	w	w	w	w	w
New York	w	w	w	w	w	w
Ohio	335	345	339	335	339	-1.1
Pennsylvania	1,727	1,921	1,897	1,727	1,897	-8.9
Utah	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
West Virginia	w	w	w	w	w	w
By Plant Type						
Merchant Coke						
Plants	651	652	752	651	752	-13.5
Furnace Coke Plants	4,567	4,826	4,799	4,567	4,799	-4.8
Breeze Total	308	309	311	308	311	-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	NA	NA	NA	NA	NA	NA	18,294	1,839

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	NA	NA	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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	2,455,244	5,025,039	1,887,005	2,455,244	1,887,005	30.1
Canada ¹	1,999,706	4,574,542	1,454,185	1,999,706	1,454,185	37.5
Dominican Republic.....	43,901	—	—	43,901	—	—
Jamaica.....	14,779	13,681	13,583	14,779	13,583	8.8
Mexico.....	393,444	433,094	413,621	393,444	413,621	-4.9
Other ²	3,414	3,722	5,616	3,414	5,616	-39.2
South America Total	2,008,237	1,719,078	2,143,870	2,008,237	2,143,870	-6.3
Argentina.....	89,757	55,676	161,015	89,757	161,015	-44.3
Brazil.....	1,788,968	1,596,998	1,925,635	1,788,968	1,925,635	-7.1
Chile.....	50,279	83	5,481	50,279	5,481	(³)
Other ²	79,233	66,321	51,739	79,233	51,739	53.1
Europe Total	9,375,173	9,715,823	11,079,760	9,375,173	11,079,760	-15.4
Belgium & Luxembourg.....	987,540	1,036,974	1,381,891	987,540	1,381,891	-28.5
Bulgaria.....	506,231	111,921	222,697	506,231	222,697	127.3
Denmark.....	154,909	—	115,742	154,909	115,742	33.8
Finland.....	—	238,627	—	—	—	—
France.....	874,249	832,292	933,504	874,249	933,504	-6.3
Germany, FR.....	238,807	202,848	130,541	238,807	130,541	82.9
Ireland.....	491,501	23,492	263,513	491,501	263,513	86.5
Italy.....	1,612,341	1,546,695	1,730,088	1,612,341	1,730,088	-6.8
Netherlands.....	1,169,414	1,106,539	1,680,345	1,169,414	1,680,345	-30.4
Norway.....	25,091	23,592	17,303	25,091	17,303	45.0
Portugal.....	147,835	448,425	202,358	147,835	202,358	-26.9
Romania.....	350,985	671,263	298,579	350,985	298,579	17.6
Spain.....	876,153	940,443	997,971	876,153	997,971	-12.2
Sweden.....	77,572	408,844	81,474	77,572	81,474	-4.8
Turkey.....	609,949	386,229	596,184	609,949	596,184	2.3
United Kingdom.....	1,237,380	1,702,587	2,410,792	1,237,380	2,410,792	-48.7
Other ²	15,216	35,052	16,778	15,216	16,778	-9.3
Asia Total	3,700,228	3,512,598	3,955,310	3,700,228	3,955,310	-6.4
China (Taiwan).....	274,409	747,980	640,481	274,409	640,481	-57.2
Israel.....	182,322	67,059	286,304	182,322	286,304	-36.3
Japan.....	2,492,550	1,662,830	2,360,432	2,492,550	2,360,432	5.6
Korea, Republic of.....	720,284	1,024,672	633,343	720,284	633,343	13.7
Other ²	30,663	10,057	34,750	30,663	34,750	-11.8
Oceania & Australia Total	3,963	—	—	3,963	—	—
Africa Total	750,919	603,515	945,126	750,919	945,126	-20.5
Algeria.....	114,523	55,010	54,980	114,523	54,980	108.3
Egypt.....	316,871	267,543	379,890	316,871	379,890	-16.6
Morocco.....	—	—	141,980	—	141,980	—
South Africa, Rep of.....	315,309	263,516	368,276	315,309	368,276	-14.4
Other ²	4,216	17,446	—	4,216	—	—
Total	18,293,764	20,576,053	20,011,071	18,293,764	20,011,071	-8.6

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$29.57	\$30.35	\$33.23	\$29.57	\$33.23	-11.0
Canada ¹	27.91	28.86	31.30	27.91	31.30	-10.8
Dominican Republic.....	36.74	-	-	36.74	-	-
Jamaica.....	39.69	30.53	41.96	39.69	41.96	-5.4
Mexico.....	36.45	45.64	39.35	36.45	39.35	-7.4
Other ²	41.23	40.79	40.68	41.23	40.68	1.3
South America Total	43.18	44.32	44.43	43.18	44.43	-2.8
Argentina.....	46.72	46.06	48.18	46.72	48.18	-3.0
Brazil.....	43.51	44.40	44.22	43.51	44.22	-1.6
Chile.....	28.59	-	39.82	28.59	39.82	-28.2
Other ²	40.81	40.72	40.92	40.81	40.92	-0.3
Europe Total	44.51	44.17	42.39	44.51	42.39	5.0
Belgium & Luxembourg.....	46.91	46.46	46.28	46.91	46.28	1.4
Bulgaria.....	46.11	46.33	46.30	46.11	46.30	-0.4
Denmark.....	34.02	-	36.15	34.02	36.15	-5.9
Finland.....	-	39.55	-	-	-	-
France.....	46.50	44.95	45.97	46.50	45.97	1.1
Germany, FR.....	41.56	47.86	42.71	41.56	42.71	-2.7
Ireland.....	37.70	47.17	37.93	37.70	37.93	-0.6
Italy.....	46.32	46.63	45.97	46.32	45.97	.8
Netherlands.....	47.08	45.20	43.71	47.08	43.71	7.7
Norway.....	57.18	58.38	-	57.18	-	-
Portugal.....	40.09	36.35	38.81	40.09	38.81	3.3
Romania.....	43.02	43.97	44.57	43.02	44.57	-3.5
Spain.....	44.00	41.86	38.14	44.00	38.14	15.4
Sweden.....	48.45	48.28	48.31	48.45	48.31	.3
Turkey.....	44.95	44.49	46.19	44.95	46.19	-2.7
United Kingdom.....	40.86	41.63	36.28	40.86	36.28	12.6
Other ²	53.33	57.66	54.86	53.33	54.86	-2.8
Asia Total	40.29	38.98	39.75	40.29	39.75	1.4
China (Taiwan).....	36.63	37.34	37.49	36.63	37.49	-2.3
Israel.....	36.04	34.95	37.09	36.04	37.09	-2.8
Japan.....	39.45	37.41	39.29	39.45	39.29	.4
Korea, Republic of.....	45.66	42.98	45.24	45.66	45.24	.9
Other ²	40.81	39.34	34.97	40.81	34.97	16.7
Oceania & Australia Total	51.08	-	-	51.08	-	-
Africa Total	46.22	48.66	48.25	46.22	48.25	-4.2
Algeria.....	45.13	47.49	48.46	45.13	48.46	-6.9
Egypt.....	43.94	48.84	53.77	43.94	53.77	-18.3
Morocco.....	-	-	30.67	-	30.67	-
South Africa, Rep of.....	49.35	49.25	49.30	49.35	49.30	.1
Other ²	37.21	40.82	-	37.21	-	-
Total ³	41.62	40.12	41.53	41.62	41.53	.2
U.S. Total ⁴	41.90	40.40	41.72	41.90	41.72	.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 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.

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	1,951,953	3,288,047	1,685,358	1,951,953	1,685,358	15.8
Canada ¹	1,497,301	2,983,191	1,335,745	1,497,301	1,335,745	12.1
Dominican Republic.....	43,901	-	-	43,901	-	-
Jamaica.....	14,779	13,681	13,583	14,779	13,583	8.8
Mexico.....	392,558	287,453	330,414	392,558	330,414	18.8
Other ²	3,414	3,722	5,616	3,414	5,616	-39.2
South America Total	145,297	80,693	123,685	145,297	123,685	17.5
Argentina.....	14,985	9,486	18,342	14,985	18,342	-18.3
Brazil.....	800	4,803	48,123	800	48,123	-98.3
Chile.....	50,279	83	5,481	50,279	5,481	(³)
Other ²	79,233	66,321	51,739	79,233	51,739	53.1
Europe Total	2,194,757	2,249,559	3,788,566	2,194,757	3,788,566	-42.1
Belgium & Luxembourg.....	126,519	207,082	295,052	126,519	295,052	-57.1
Denmark.....	154,909	-	115,742	154,909	115,742	33.8
Finland.....	-	99,898	-	-	-	-
France.....	81,196	140,762	131,324	81,196	131,324	-38.2
Germany, FR.....	128,995	29,328	65,184	128,995	65,184	97.9
Ireland.....	491,501	23,492	142,692	491,501	142,692	244.4
Italy.....	390,692	349,075	652,416	390,692	652,416	-40.1
Netherlands.....	50,569	143,333	348,582	50,569	348,582	-85.5
Portugal.....	81,218	377,822	129,559	81,218	129,559	-37.3
Spain.....	167,952	304,089	374,776	167,952	374,776	-55.2
Turkey.....	925	1,988	1,278	925	1,278	-27.6
United Kingdom.....	518,016	550,644	1,528,446	518,016	1,528,446	-66.1
Other ²	2,265	22,046	3,515	2,265	3,515	-35.6
Asia Total	1,655,766	1,517,037	1,955,869	1,655,766	1,955,869	-15.3
China (Taiwan).....	195,582	480,150	502,748	195,582	502,748	-61.1
Israel.....	144,631	239	254,209	144,631	254,209	-43.1
Japan.....	1,131,243	655,257	1,094,240	1,131,243	1,094,240	3.4
Korea, Republic of.....	153,647	371,334	81,769	153,647	81,769	87.9
Other ²	30,663	10,057	22,903	30,663	22,903	33.9
Oceania & Australia Total	1,132	-	-	1,132	-	-
Africa Total	4,216	18,285	142,731	4,216	142,731	-97.0
Egypt.....	-	839	751	-	751	-
Morocco.....	-	-	141,980	-	141,980	-
Other ²	4,216	17,446	-	4,216	-	-
Total	5,953,121	7,153,621	7,696,209	5,953,121	7,696,209	-22.6

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$28.57	\$27.24	\$32.15	\$28.57	\$32.15	-11.1
Canada ¹	26.02	25.57	30.70	26.02	30.70	-15.2
Dominican Republic.....	36.74	-	-	36.74	-	-
Jamaica.....	39.69	30.53	41.96	39.69	41.96	-5.4
Mexico.....	36.45	43.56	37.24	36.45	37.24	-2.1
Other ²	41.23	40.79	40.68	41.23	40.68	1.3
South America Total	36.58	40.73	42.64	36.58	42.64	-14.2
Argentina.....	40.80	40.81	40.81	40.80	40.81	*
Brazil.....	40.77	40.79	45.51	40.77	45.51	-10.4
Chile.....	28.59	-	39.82	28.59	39.82	-28.2
Other ²	40.81	40.72	40.92	40.81	40.92	-0.3
Europe Total	33.93	33.10	32.52	33.93	32.52	4.4
Belgium & Luxembourg.....	35.18	36.01	37.09	35.18	37.09	-5.1
Denmark.....	34.02	-	36.15	34.02	36.15	-5.9
Finland.....	-	36.20	-	-	-	-
France.....	36.20	33.84	34.65	36.20	34.65	4.5
Germany, FR.....	35.97	38.96	37.88	35.97	37.88	-5.0
Ireland.....	37.70	47.17	38.37	37.70	38.37	-1.7
Italy.....	38.68	38.66	41.63	38.68	41.63	-7.1
Netherlands.....	24.60	32.86	32.52	24.60	32.52	-24.4
Portugal.....	36.88	34.92	35.38	36.88	35.38	4.2
Spain.....	21.02	25.31	21.65	21.02	21.65	-2.9
Turkey.....	40.75	43.94	40.77	40.75	40.77	-1
United Kingdom.....	30.04	29.90	28.92	30.04	28.92	3.9
Other ²	34.48	-	34.70	34.48	34.70	-0.7
Asia Total	35.01	34.34	35.77	35.01	35.77	-2.1
China (Taiwan).....	34.52	34.22	35.63	34.52	35.63	-3.1
Israel.....	34.88	40.82	35.58	34.88	35.58	-2.0
Japan.....	34.52	34.45	36.20	34.52	36.20	-4.7
Korea, Republic of.....	38.17	34.16	34.96	38.17	34.96	9.2
Other ²	40.81	39.34	23.22	40.81	23.22	75.8
Oceania & Australia Total	40.80	-	-	40.80	-	-
Africa Total	37.21	40.81	30.73	37.21	30.73	21.1
Egypt.....	-	40.62	40.80	-	40.80	-
Morocco.....	-	-	30.67	-	30.67	-
Other ²	37.21	40.82	-	37.21	-	-
Total ³	32.59	30.84	33.40	32.59	33.40	-2.4
U.S. Total ⁴	33.19	31.84	33.92	33.19	33.92	-2.1

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

² Includes countries with exports less than or equal to 50,000 short tons in 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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	503,291	1,736,992	201,647	503,291	201,647	149.6
Canada ¹	502,405	1,591,351	118,440	502,405	118,440	324.2
Mexico.....	886	145,641	83,207	886	83,207	-98.9
South America Total	1,862,940	1,638,385	2,020,185	1,862,940	2,020,185	-7.8
Argentina.....	74,772	46,190	142,673	74,772	142,673	-47.6
Brazil.....	1,788,168	1,592,195	1,877,512	1,788,168	1,877,512	-4.8
Europe Total	7,180,416	7,466,264	7,291,194	7,180,416	7,291,194	-1.5
Belgium & Luxembourg.....	861,021	829,892	1,086,839	861,021	1,086,839	-20.8
Bulgaria.....	506,231	111,921	222,697	506,231	222,697	127.3
Finland.....	-	138,729	-	-	-	-
France.....	793,053	691,530	802,180	793,053	802,180	-1.1
Germany, FR.....	109,812	173,520	65,357	109,812	65,357	68.0
Ireland.....	-	-	120,821	-	120,821	-
Italy.....	1,221,649	1,197,620	1,077,672	1,221,649	1,077,672	13.4
Netherlands.....	1,118,845	963,206	1,331,763	1,118,845	1,331,763	-16.0
Norway.....	25,091	23,592	17,303	25,091	17,303	45.0
Portugal.....	66,617	70,603	72,799	66,617	72,799	-8.5
Romania.....	350,985	671,263	298,579	350,985	298,579	17.6
Spain.....	708,201	636,354	623,195	708,201	623,195	13.6
Sweden.....	77,572	408,844	81,474	77,572	81,474	-4.8
Turkey.....	609,024	384,241	594,906	609,024	594,906	2.4
United Kingdom.....	719,364	1,151,943	882,346	719,364	882,346	-18.5
Other ²	12,951	13,006	13,263	12,951	13,263	-2.4
Asia Total	2,044,462	1,995,561	1,999,441	2,044,462	1,999,441	2.3
China (Taiwan).....	78,827	267,830	137,733	78,827	137,733	-42.8
Israel.....	37,691	66,820	32,095	37,691	32,095	17.4
Japan.....	1,361,307	1,007,573	1,266,192	1,361,307	1,266,192	7.5
Korea, Republic of.....	566,637	653,338	551,574	566,637	551,574	2.7
Other ²	-	-	11,847	-	11,847	-
Oceania & Australia Total	2,831	-	-	2,831	-	-
Africa Total	746,703	585,230	802,395	746,703	802,395	-6.9
Algeria.....	114,523	55,010	54,980	114,523	54,980	108.3
Egypt.....	316,871	266,704	379,139	316,871	379,139	-16.4
South Africa, Rep of.....	315,309	263,516	368,276	315,309	368,276	-14.4
Total	12,340,643	13,422,432	12,314,862	12,340,643	12,314,862	.2

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$33.29	\$35.97	\$41.80	\$33.29	\$41.80	-20.4
Canada ¹	33.29	34.72	37.73	33.29	37.73	-11.8
Mexico.....	-	49.73	47.59	-	47.59	-
South America Total	43.69	44.48	44.53	43.69	44.53	-1.9
Argentina.....	47.90	47.13	49.12	47.90	49.12	-2.5
Brazil.....	43.51	44.41	44.19	43.51	44.19	-1.5
Europe Total	47.73	47.47	47.54	47.73	47.54	.4
Belgium & Luxembourg.....	48.63	49.06	48.77	48.63	48.77	-.3
Bulgaria.....	46.11	46.33	46.30	46.11	46.30	-.4
Finland.....	-	41.96	-	-	-	-
France.....	47.55	47.21	47.82	47.55	47.82	-.6
Germany, FR.....	48.13	49.37	47.52	48.13	47.52	1.3
Ireland.....	-	-	37.42	-	37.42	-
Italy.....	48.76	48.96	48.60	48.76	48.60	.3
Netherlands.....	47.92	46.96	46.64	47.92	46.64	2.7
Norway.....	57.18	58.38	-	57.18	-	-
Portugal.....	44.00	44.00	44.91	44.00	44.91	-2.0
Romania.....	43.02	43.97	44.57	43.02	44.57	-3.5
Spain.....	49.43	49.75	48.05	49.43	48.05	2.9
Sweden.....	48.45	48.28	48.31	48.45	48.31	.3
Turkey.....	44.96	44.49	46.20	44.96	46.20	-2.7
United Kingdom.....	48.66	47.24	49.04	48.66	49.04	-.8
Other ²	56.60	57.66	59.89	56.60	59.89	-5.5
Asia Total	44.57	42.50	43.64	44.57	43.64	2.1
China (Taiwan).....	41.86	42.93	44.30	41.86	44.30	-5.5
Israel.....	40.51	34.93	49.08	40.51	49.08	-17.5
Japan.....	43.55	39.33	41.94	43.55	41.94	3.8
Korea, Republic of.....	47.69	47.99	46.76	47.69	46.76	2.0
Other ²	-	-	57.51	-	57.51	-
Oceania & Australia Total	55.11	-	-	55.11	-	-
Africa Total	46.28	48.91	51.37	46.28	51.37	-9.9
Algeria.....	45.13	47.49	48.46	45.13	48.46	-6.9
Egypt.....	43.94	48.87	53.79	43.94	53.79	-18.3
South Africa, Rep of.....	49.35	49.25	49.30	49.35	49.30	.1
Total ³	45.92	44.94	46.57	45.92	46.57	-1.4
U.S. Total ⁴	46.09	44.96	46.60	46.09	46.60	-1.1

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

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

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	12,999,241	13,146,727	13,507,594	12,999,241	13,507,594	-3.8
Boston, MA.....	-	21,725	-	-	-	-
Baltimore, MD.....	2,142,712	951,916	2,092,011	2,142,712	2,092,011	2.4
Portland, ME.....	101,851	302	86	101,851	86	(1)
Buffalo, NY.....	480,170	1,232,030	330,576	480,170	330,576	45.3
New York City, NY.....	2,547	408	888	2,547	888	186.8
Ogdensburg, NY.....	6,862	38,173	4,391	6,862	4,391	56.3
Philadelphia, PA.....	44,670	43,815	36,556	44,670	36,556	22.2
Norfolk, VA.....	10,220,429	10,858,286	11,042,299	10,220,429	11,042,299	-7.4
St. Albans, VT.....	-	72	787	-	787	-
Southern Total	2,870,711	3,164,526	4,251,537	2,870,711	4,251,537	-32.5
Mobile, AL.....	1,150,602	1,182,079	1,375,263	1,150,602	1,375,263	-16.3
Savannah, GA.....	1,110	-	27,655	1,110	27,655	-96.0
Miami, FL.....	892	1,132	-	892	-	-
Tampa, FL.....	-	125	-	-	-	-
New Orleans, LA.....	1,098,944	1,463,626	2,327,827	1,098,944	2,327,827	-52.8
San Juan, PR.....	39,742	83,251	23	39,742	23	(1)
Charleston, SC.....	23	5,331	82,570	23	82,570	-100.0
Houston-Galveston, TX.....	188,557	140,362	107,785	188,557	107,785	74.9
Laredo, TX.....	390,841	288,620	330,414	390,841	330,414	18.3
Western Total	1,215,035	1,221,126	1,341,829	1,215,035	1,341,829	-9.4
Anchorage, AK.....	77,581	267,073	78,740	77,581	78,740	-1.5
Los Angeles, CA.....	1,131,720	882,176	1,241,113	1,131,720	1,241,113	-8.8
San Diego, CA.....	2,603	217	-	2,603	-	-
San Francisco, CA.....	2,831	29,919	-	2,831	-	-
Great Falls, MT.....	71	282	56	71	56	26.8
Portland, OR.....	-	40,786	-	-	-	-
Seattle, WA.....	229	673	21,920	229	21,920	-99.0
Northern Total	1,202,429	3,037,312	903,412	1,202,429	903,412	33.1
Chicago, IL.....	-	20,601	-	-	-	-
Detroit, MI.....	135,655	385,821	726,073	135,655	726,073	-81.3
Duluth, MN.....	-	128,197	-	-	-	-
Pembina, ND.....	577	227	29	577	29	(1)
Cleveland, OH.....	1,066,197	2,502,466	177,310	1,066,197	177,310	(1)
Other Ports	6,348	6,362	6,699	6,348	6,699	-5.2
Total	18,293,764	20,576,053	20,011,071	18,293,764	20,011,071	-8.6

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	74,791	215,138	51,578	74,791	51,578	45.0
Canada ¹	2,156	128,186	2,333	2,156	2,333	-7.6
Mexico.....	72,139	85,697	48,650	72,139	48,650	48.3
Other ²	496	1,255	595	496	595	-16.6
South America Total	-	-	11,563	-	11,563	-
Europe Total	4,704	11,213	-	4,704	-	-
Other ²	4,704	11,213	-	4,704	-	-
Total	79,495	226,351	63,141	79,495	63,141	25.9

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

² Includes countries with 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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	131,459	405,720	180,867	131,459	180,867	-27.3
Canada.....	131,459	405,720	180,514	131,459	180,514	-27.2
Mexico.....	-	-	353	-	353	-
South America Total	1,425,452	1,330,580	639,561	1,425,452	639,561	122.9
Colombia.....	658,637	707,874	492,487	658,637	492,487	33.7
Venezuela.....	766,815	622,706	147,074	766,815	147,074	421.4
Europe Total	4,098	8,298	7,827	4,098	7,827	-47.6
Belgium & Luxembourg.....	1,847	1,144	1,238	1,847	1,238	49.2
Italy.....	25	-	-	25	-	-
Norway.....	-	6,942	6,589	-	6,589	-
Switzerland.....	-	201	-	-	-	-
United Kingdom.....	2,226	11	-	2,226	-	-
Asia Total	246,462	449,999	407,979	246,462	407,979	-39.6
China (Mainland).....	815	1,076	149	815	149	447.0
Indonesia.....	245,647	448,923	395,706	245,647	395,706	-37.9
Vietnam.....	-	-	12,124	-	12,124	-
Oceania & Australia Total	31,523	31,052	95,156	31,523	95,156	-66.9
Australia.....	31,523	31,052	54,151	31,523	54,151	-41.8
New Zealand.....	-	-	41,005	-	41,005	-
Total	1,838,994	2,225,649	1,331,390	1,838,994	1,331,390	38.1

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$33.66	\$40.56	\$26.90	\$33.66	\$26.90	25.1
Canada.....	33.66	40.56	26.90	33.66	26.90	25.1
South America Total	32.66	32.76	31.90	32.66	31.90	2.4
Colombia.....	33.01	31.17	31.98	33.01	31.98	3.2
Venezuela.....	32.36	34.57	31.64	32.36	31.64	2.3
Europe Total	42.03	49.22	-	42.03	-	-
Norway.....	-	49.45	-	-	-	-
Switzerland.....	-	41.20	-	-	-	-
United Kingdom.....	42.03	-	-	42.03	-	-
Asia Total	38.77	32.86	31.82	38.77	31.82	21.8
Indonesia.....	38.77	32.86	31.82	38.77	31.82	21.8
Oceania & Australia Total	31.35	31.45	33.80	31.35	33.80	-7.2
Australia.....	31.35	31.45	33.80	31.35	33.80	-7.2
Total ¹	33.54	34.19	31.32	33.54	31.32	7.1
U.S. Total ²	33.98	34.49	33.85	33.98	33.85	.4

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	724,193	679,738	384,196	724,193	384,196	88.5
Boston, MA.....	465,919	356,260	226,879	465,919	226,879	105.4
Portland, ME.....	34,681	146,069	86,710	34,681	86,710	-60.0
Buffalo, NY.....	1,847	1,166	1,238	1,847	1,238	49.2
New York City, NY.....	157,392	164,053	69,369	157,392	69,369	126.9
Philadelphia, PA.....	64,354	12,190	-	64,354	-	-
Southern Total	779,193	927,267	528,894	779,193	528,894	47.3
Mobile, AL.....	97,266	61,968	63,890	97,266	63,890	52.2
Savannah, GA.....	76,061	16,750	25,800	76,061	25,800	194.8
Miami, FL.....	45,288	38,591	-	45,288	-	-
Tampa, FL.....	343,005	298,169	138,899	343,005	138,899	146.9
New Orleans, LA.....	153,601	292,919	259,814	153,601	259,814	-40.9
San Juan, PR.....	57,904	60,414	28,014	57,904	28,014	106.7
Houston-Galveston, TX.....	6,068	122,284	12,124	6,068	12,124	-50.0
Laredo, TX.....	-	-	353	-	353	-
Virgin Islands.....	-	36,172	-	-	-	-
Western Total	230,465	235,702	265,213	230,465	265,213	-13.1
Los Angeles, CA.....	-	-	149	-	149	-
Honolulu, HI.....	203,334	204,928	231,048	203,334	231,048	-12.0
Great Falls, MT.....	-	1	-	-	-	-
Portland, OR.....	-	6,942	6,589	-	6,589	-
Seattle, WA.....	27,131	23,831	27,427	27,131	27,427	-1.1
Northern Total	105,143	382,942	153,087	105,143	153,087	-31.3
Chicago, IL.....	-	123,466	-	-	-	-
Detroit, MI.....	34,814	162,299	5,471	34,814	5,471	(1)
Duluth, MN.....	-	-	416	-	416	-
Pembina, ND.....	69,514	96,101	147,200	69,514	147,200	-52.8
Milwaukee, WI.....	815	1,076	-	815	-	-
Total	1,838,994	2,225,649	1,331,390	1,838,994	1,331,390	38.1

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	January - March 1998	October - December 1997	January - March 1997	Year to date		
				1998	1997	Percent Change
North America Total	4,127	1,387	5,680	4,127	5,680	-27.3
Canada.....	4,127	1,387	5,680	4,127	5,680	-27.3
Asia Total	380,413	385,419	264,919	380,413	264,919	43.6
China (Mainland).....	198,908	117,429	46,685	198,908	46,685	326.1
Japan.....	181,505	267,990	218,234	181,505	218,234	-16.8
Total	384,540	386,806	270,599	384,540	270,599	42.1

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	7,232	17,315	1,293	241,062
July - September	225,508	8,010	17,444	1,293	252,254
October - December.....	226,329	7,567	18,605	1,939	254,440
Total	880,588	30,138	70,716	6,463	987,905
1998 January - March	225,000	6,840	17,213	1,802	250,856
Total	225,000	6,840	17,213	1,802	250,856

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	48.10	32.60
April - June.....	26.49	48.18	32.29
July - September.....	25.72	45.95	32.33
October - December.....	25.92	47.37	32.40
Average Annual Price	26.16	47.36	32.41
1998 January - March	25.85	45.65	32.77

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	2,028	1,988	1,757	2,028	1,757	15.4
Connecticut.....	280	209	220	280	220	27.3
Maine.....	38	44	44	38	44	-13.0
Massachusetts.....	1,310	1,209	1,065	1,310	1,065	23.0
New Hampshire.....	372	417	427	372	427	-12.8
Rhode Island.....	1	1	1	1	1	13.0
Vermont.....	27	108	1	27	1	NM
Middle Atlantic Total	17,839	18,990	18,394	17,839	18,394	-3.0
New Jersey.....	416	581	572	416	572	-27.3
New York.....	2,675	3,245	2,657	2,675	2,657	.7
Pennsylvania.....	14,748	15,164	15,164	14,748	15,164	-2.7
East North Central Total	55,638	60,692	53,411	55,638	53,411	4.2
Illinois.....	11,635	11,735	12,316	11,635	12,316	-5.5
Indiana.....	16,871	17,058	15,132	16,871	15,132	11.5
Michigan.....	6,450	10,750	5,772	6,450	5,772	11.7
Ohio.....	15,078	15,146	14,676	15,078	14,676	2.7
Wisconsin.....	5,603	6,003	5,515	5,603	5,515	1.6
West North Central Total	36,552	34,625	34,071	36,552	34,071	7.3
Iowa.....	5,283	5,151	5,010	5,283	5,010	5.4
Kansas.....	4,802	4,307	4,520	4,802	4,520	6.2
Minnesota.....	5,088	5,061	5,265	5,088	5,265	-3.4
Missouri.....	9,813	8,830	8,316	9,813	8,316	18.0
Nebraska.....	3,014	2,599	2,903	3,014	2,903	3.8
North Dakota.....	7,992	8,023	7,518	7,992	7,518	6.3
South Dakota.....	561	653	538	561	538	4.2
South Atlantic Total	42,961	41,776	40,902	42,961	40,902	5.0
Delaware.....	422	416	456	422	456	-7.4
District of Columbia.....	7	12	12	7	12	-41.9
Florida.....	7,073	7,303	6,832	7,073	6,832	3.5
Georgia.....	7,965	7,787	7,098	7,965	7,098	12.2
Maryland.....	2,994	2,886	2,716	2,994	2,716	10.2
North Carolina.....	7,553	6,966	7,425	7,553	7,425	1.7
South Carolina.....	3,626	3,632	3,415	3,626	3,415	6.2
Virginia.....	3,977	4,045	4,091	3,977	4,091	-2.8
West Virginia.....	9,344	8,729	8,858	9,344	8,858	5.5
East South Central Total	28,749	29,788	27,783	28,749	27,783	3.5
Alabama.....	8,784	8,798	9,203	8,784	9,203	-4.6
Kentucky.....	10,505	11,295	10,102	10,505	10,102	4.0
Mississippi.....	1,504	1,511	1,452	1,504	1,452	3.6
Tennessee.....	7,956	8,184	7,026	7,956	7,026	13.2
West South Central Total	34,963	35,081	34,966	34,963	34,966	*
Arkansas.....	3,119	3,028	3,133	3,119	3,133	-4
Louisiana.....	3,287	3,142	3,112	3,287	3,112	5.6
Oklahoma.....	5,254	4,537	4,951	5,254	4,951	6.1
Texas.....	23,303	24,374	23,770	23,303	23,770	-2.0
Mountain Total	29,328	28,952	27,033	29,328	27,033	8.5
Arizona.....	4,645	4,913	3,707	4,645	3,707	25.3
Colorado.....	4,607	4,367	4,103	4,607	4,103	12.3
Idaho.....	116	70	131	116	131	-11.5
Montana.....	2,659	2,756	2,314	2,659	2,314	14.9
Nevada.....	2,226	1,941	1,818	2,226	1,818	22.5
New Mexico.....	3,636	3,831	4,053	3,636	4,053	-10.3
Utah.....	4,283	4,305	4,390	4,283	4,390	-2.4
Wyoming.....	7,156	6,768	6,517	7,156	6,517	9.8
Pacific Total	2,796	2,670	1,832	2,796	1,832	52.6
Alaska.....	143	151	151	143	151	-5.9
California.....	745	553	507	745	507	47.0
Hawaii.....	70	52	54	70	54	30.0
Oregon.....	692	479	150	692	150	361.7
Washington.....	1,146	1,435	970	1,146	970	18.2
U.S. Total	250,856	254,562	240,148	250,856	240,148	4.5

* Rounded to zero.

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	January-March 1998		January-March 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	1,940	170	1,692	175	1,940	170	1,692	175	14.6	-2.6
Connecticut.....	278	184	218	192	278	184	218	192	27.8	-4.2
Massachusetts.....	1,292	169	1,050	177	1,292	169	1,050	177	23.1	-4.1
New Hampshire.....	370	162	425	161	370	162	425	161	-13.0	.5
Mid Atlantic	13,497	139	13,618	141	13,497	139	13,618	141	-9	-1.5
New Jersey.....	411	166	568	175	411	166	568	175	-27.6	-5.4
New York.....	1,985	146	1,952	140	1,985	146	1,952	140	1.7	4.4
Pennsylvania.....	11,100	137	11,098	140	11,100	137	11,098	140	*	-2.0
East North Central	48,930	130	46,539	135	48,930	130	46,539	135	5.1	-3.7
Illinois.....	9,986	155	10,691	172	9,986	155	10,691	172	-6.6	-9.6
Indiana.....	14,303	113	12,388	118	14,303	113	12,388	118	15.5	-3.7
Michigan.....	6,001	131	5,344	134	6,001	131	5,344	134	12.3	-2.5
Ohio.....	13,423	137	13,014	133	13,423	137	13,014	133	3.1	3.3
Wisconsin.....	5,217	104	5,101	106	5,217	104	5,101	106	2.3	-1.8
West North Central	33,294	89	30,653	92	33,294	89	30,653	92	8.6	-2.7
Iowa.....	4,636	87	4,286	91	4,636	87	4,286	91	8.2	-3.4
Kansas.....	4,746	98	4,482	103	4,746	98	4,482	103	5.9	-4.3
Minnesota.....	4,698	111	4,872	112	4,698	111	4,872	112	-3.6	-6
Missouri.....	9,458	92	7,905	94	9,458	92	7,905	94	19.6	-2.4
Nebraska.....	2,952	59	2,804	59	2,952	59	2,804	59	5.3	-6
North Dakota.....	6,342	75	5,871	77	6,342	75	5,871	77	8.0	-2.6
South Dakota.....	462	93	432	93	462	93	432	93	6.9	-2
South Atlantic	38,930	146	36,813	149	38,930	146	36,813	149	5.7	-2.1
Delaware.....	402	155	410	164	402	155	410	164	-2.1	-5.8
Florida.....	6,740	169	6,496	178	6,740	169	6,496	178	3.8	-4.8
Georgia.....	7,402	156	6,553	159	7,402	156	6,553	159	13.0	-1.4
Maryland.....	2,791	147	2,506	154	2,791	147	2,506	154	11.4	-4.8
North Carolina.....	6,928	144	6,719	145	6,928	144	6,719	145	3.1	-1.0
South Carolina.....	3,138	145	2,876	147	3,138	145	2,876	147	9.1	-1.1
Virginia.....	2,967	139	3,102	139	2,967	139	3,102	139	-4.3	-3
West Virginia.....	8,562	123	8,150	124	8,562	123	8,150	124	5.1	-1.1
East South Central	25,454	124	24,277	125	25,454	124	24,277	125	4.8	-6
Alabama.....	7,424	155	7,735	153	7,424	155	7,735	153	-4.0	1.1
Kentucky.....	9,628	105	9,101	105	9,628	105	9,101	105	5.8	.4
Mississippi.....	1,442	154	1,402	152	1,442	154	1,402	152	2.9	1.7
Tennessee.....	6,960	113	6,041	114	6,960	113	6,041	114	15.2	-1.0
West South Central	33,486	128	33,431	127	33,486	128	33,431	127	.2	1.1
Arkansas.....	3,050	149	3,041	166	3,050	149	3,041	166	.3	-10.4
Louisiana.....	3,267	142	3,079	151	3,267	142	3,079	151	6.1	-5.9
Oklahoma.....	5,034	92	4,692	92	5,034	92	4,692	92	7.3	.1
Texas.....	22,135	132	22,620	126	22,135	132	22,620	126	-2.1	5.3
Mountain	27,683	107	25,451	112	27,683	107	25,451	112	8.8	-4.8
Arizona.....	4,471	133	3,520	148	4,471	133	3,520	148	27.0	-10.5
Colorado.....	4,423	99	3,892	103	4,423	99	3,892	103	13.6	-4.1
Montana.....	2,630	67	2,239	69	2,630	67	2,239	69	17.5	-1.8
Nevada.....	2,174	131	1,771	134	2,174	131	1,771	134	22.7	-2.0
New Mexico.....	3,619	131	4,031	137	3,619	131	4,031	137	-10.2	-4.8
Utah.....	3,848	113	4,011	116	3,848	113	4,011	116	-4.1	-2.0
Wyoming.....	6,519	79	5,987	82	6,519	79	5,987	82	8.9	-3.3
Pacific	1,787	143	1,051	184	1,787	143	1,051	184	70.0	-22.4
Oregon.....	661	109	135	114	661	109	135	114	389.6	-4.6
Washington.....	1,126	164	916	195	1,126	164	916	195	22.9	-15.9
U.S. Total	225,000	126	213,527	129	225,000	126	213,527	129	5.4	-2.4

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

Census Division and State	January-March 1998		January-March 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	1,682	171	1,362	175	1,682	171	1,362	175	23.5	-2.3
Connecticut.....	248	185	204	192	248	185	204	192	21.9	-3.6
Massachusetts.....	1,173	169	906	174	1,173	169	906	174	29.4	-3.2
New Hampshire.....	261	164	252	161	261	164	252	161	3.4	1.6
Mid Atlantic	11,290	142	10,681	144	11,290	142	10,681	144	5.7	-1.5
New Jersey.....	268	171	561	175	268	171	561	175	-52.3	-2.5
New York.....	1,878	145	1,788	138	1,878	145	1,788	138	5.1	5.3
Pennsylvania.....	9,144	141	8,332	144	9,144	141	8,332	144	9.7	-2.0
East North Central	36,752	136	35,154	142	36,752	136	35,154	142	4.5	-4.5
Illinois.....	8,340	162	9,018	182	8,340	162	9,018	182	-7.5	-11.0
Indiana.....	10,269	118	8,791	125	10,269	118	8,791	125	16.8	-6.2
Michigan.....	4,326	131	4,016	133	4,326	131	4,016	133	7.7	-1.7
Ohio.....	9,586	149	9,162	143	9,586	149	9,162	143	4.6	4.3
Wisconsin.....	4,232	99	4,167	102	4,232	99	4,167	102	1.5	-2.8
West North Central	27,945	89	27,494	93	27,945	89	27,494	93	1.6	-4.6
Iowa.....	3,361	86	3,488	91	3,361	86	3,488	91	-3.6	-5.7
Kansas.....	4,691	99	4,424	103	4,691	99	4,424	103	6.0	-4.3
Minnesota.....	4,618	111	4,802	112	4,618	111	4,802	112	-3.8	-7
Missouri.....	5,890	88	6,569	94	5,890	88	6,569	94	-10.3	-6.1
Nebraska.....	2,582	57	2,103	58	2,582	57	2,103	58	22.8	-7
North Dakota.....	6,342	75	5,676	77	6,342	75	5,676	77	11.7	-2.4
South Dakota.....	462	93	432	93	462	93	432	93	6.9	-2
South Atlantic	27,560	147	26,903	149	27,560	147	26,903	149	2.4	-1.4
Delaware.....	398	155	300	167	398	155	300	167	32.6	-7.1
Florida.....	4,430	177	4,236	183	4,430	177	4,236	183	4.6	-3.6
Georgia.....	3,613	162	3,881	165	3,613	162	3,881	165	-6.9	-1.8
Maryland.....	1,874	147	1,756	150	1,874	147	1,756	150	6.7	-1.9
North Carolina.....	4,835	148	4,828	147	4,835	148	4,828	147	.1	.6
South Carolina.....	2,611	145	2,204	147	2,611	145	2,204	147	18.4	-1.8
Virginia.....	2,246	139	2,323	139	2,246	139	2,323	139	-3.3	.4
West Virginia.....	7,553	125	7,373	126	7,553	125	7,373	126	2.4	-9
East South Central	18,267	129	18,656	128	18,267	129	18,656	128	-2.1	.6
Alabama.....	6,191	160	6,377	159	6,191	160	6,377	159	-2.9	.6
Kentucky.....	5,987	106	6,772	104	5,987	106	6,772	104	-11.6	1.1
Mississippi.....	1,322	156	1,252	153	1,322	156	1,252	153	5.6	1.6
Tennessee.....	4,767	111	4,256	112	4,767	111	4,256	112	12.0	-5
West South Central	31,409	129	31,833	127	31,409	129	31,833	127	-1.3	1.3
Arkansas.....	2,577	159	2,805	170	2,577	159	2,805	170	-8.1	-6.9
Louisiana.....	3,267	142	3,079	151	3,267	142	3,079	151	6.1	-5.9
Oklahoma.....	5,034	92	4,692	92	5,034	92	4,692	92	7.3	.1
Texas.....	20,531	133	21,258	126	20,531	133	21,258	126	-3.4	5.5
Mountain	25,901	108	23,759	113	25,901	108	23,759	113	9.0	-4.8
Arizona.....	3,873	136	2,944	153	3,873	136	2,944	153	31.6	-11.1
Colorado.....	4,114	100	3,425	106	4,114	100	3,425	106	20.1	-5.2
Montana.....	2,630	67	2,239	69	2,630	67	2,239	69	17.5	-1.8
Nevada.....	1,897	132	1,678	134	1,897	132	1,678	134	13.1	-1.2
New Mexico.....	3,619	131	4,031	137	3,619	131	4,031	137	-10.2	-4.8
Utah.....	3,791	113	3,810	116	3,791	113	3,810	116	-5	-2.6
Wyoming.....	5,977	81	5,632	83	5,977	81	5,632	83	6.1	-2.4
Pacific	889	177	912	195	889	177	912	195	-2.5	-9.0
Washington.....	889	177	912	195	889	177	912	195	-2.5	-9.0
U.S. Total	181,695	128	176,754	130	181,695	128	176,754	130	2.8	-2.2

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

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

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

Census Division and State	January-March 1998		January-March 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	258	166	330	174	258	166	330	174	-21.8	-4.8
Connecticut	30	170	14	185	30	170	14	185	114.3	-8.1
Massachusetts.....	119	173	143	190	119	173	143	190	-16.7	-8.6
New Hampshire	109	157	173	160	109	157	173	160	-37.1	-2.4
Mid Atlantic	2,207	124	2,937	130	2,207	124	2,937	130	-24.9	-4.8
New Jersey	143	156	7	167	143	156	7	167	NM	-6.7
New York.....	107	164	164	163	107	164	164	163	-34.9	.6
Pennsylvania	1,957	119	2,766	128	1,957	119	2,766	128	-29.3	-6.8
East North Central	12,178	112	11,386	113	12,178	112	11,386	113	7.0	-.7
Illinois	1,646	124	1,674	126	1,646	124	1,674	126	-1.7	-1.4
Indiana.....	4,035	103	3,597	100	4,035	103	3,597	100	12.2	3.3
Michigan	1,675	129	1,328	136	1,675	129	1,328	136	26.1	-4.7
Ohio.....	3,837	107	3,852	109	3,837	107	3,852	109	-.4	-2.1
Wisconsin.....	985	122	934	121	985	122	934	121	5.4	.7
West North Central	5,348	94	3,160	84	5,348	94	3,160	84	69.3	11.6
Iowa.....	1,275	92	798	87	1,275	92	798	87	59.8	4.6
Kansas	55	64	59	66	55	64	59	66	-6.0	-3.5
Minnesota.....	80	126	70	125	80	126	70	125	15.0	.7
Missouri.....	3,568	97	1,336	92	3,568	97	1,336	92	167.0	5.1
Nebraska.....	370	68	701	63	370	68	701	63	-47.3	8.4
North Dakota.....	-	-	195	80	-	-	195	80	-	-
South Atlantic	11,370	143	9,910	148	11,370	143	9,910	148	14.7	-3.6
Delaware	3	150	110	158	3	150	110	158	-96.9	-4.6
Florida	2,310	155	2,260	168	2,310	155	2,260	168	2.2	-7.7
Georgia.....	3,790	150	2,672	147	3,790	150	2,672	147	41.8	2.2
Maryland.....	917	146	750	164	917	146	750	164	22.2	-10.9
North Carolina	2,093	134	1,891	140	2,093	134	1,891	140	10.7	-4.6
South Carolina	527	148	672	145	527	148	672	145	-21.6	1.9
Virginia	721	138	778	142	721	138	778	142	-7.4	-2.6
West Virginia.....	1,009	107	776	107	1,009	107	776	107	29.9	.3
East South Central	7,187	113	5,621	116	7,187	113	5,621	116	27.9	-2.2
Alabama	1,233	129	1,358	125	1,233	129	1,358	125	-9.2	3.3
Kentucky	3,641	105	2,328	107	3,641	105	2,328	107	56.4	-1.5
Mississippi.....	120	138	150	138	120	138	150	138	-19.7	.1
Tennessee.....	2,193	116	1,785	119	2,193	116	1,785	119	22.9	-2.1
West South Central	2,077	120	1,598	123	2,077	120	1,598	123	30.0	-2.1
Arkansas.....	473	92	236	111	473	92	236	111	100.4	-17.2
Texas	1,604	128	1,362	125	1,604	128	1,362	125	17.8	3.0
Mountain	1,783	92	1,691	97	1,783	92	1,691	97	5.4	-5.7
Arizona.....	599	107	576	121	599	107	576	121	4.0	-11.8
Colorado.....	308	80	467	83	308	80	467	83	-33.9	-3.5
Nevada.....	277	122	93	127	277	122	93	127	197.2	-4.4
Utah.....	57	98	201	97	57	98	201	97	-71.6	1.4
Wyoming.....	542	63	355	69	542	63	355	69	52.7	-8.5
Pacific	898	112	139	116	898	112	139	116	NM	-3.3
Oregon.....	661	109	135	114	661	109	135	114	389.6	-4.6
Washington	237	122	4	172	237	122	4	172	NM	-29.4
U.S. Total	43,305	120	36,773	123	43,305	120	36,773	123	17.8	-2.8

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	January-March 1998	October-December 1997	January-March 1997	Year to Date		
				1998	1997	Percent Change
New England	\$43.44	\$43.42	\$44.52	\$43.44	\$44.52	-2.4
Connecticut	48.28	49.50	50.31	48.28	50.31	-4.0
Massachusetts.....	42.66	42.36	44.26	42.66	44.26	-3.6
New Hampshire	42.55	43.64	42.20	42.55	42.20	.8
Mid Atlantic	34.64	34.43	35.36	34.64	35.36	-2.0
New Jersey	43.62	45.76	45.98	43.62	45.98	-5.1
New York.....	38.30	37.27	36.43	38.30	36.43	5.1
Pennsylvania	33.66	33.21	34.62	33.66	34.62	-2.8
East North Central	27.59	27.57	28.66	27.59	28.66	-3.7
Illinois	30.35	28.53	33.95	30.35	33.95	-10.6
Indiana.....	23.77	24.43	24.55	23.77	24.55	-3.2
Michigan	28.61	28.87	29.29	28.61	29.29	-2.3
Ohio.....	32.58	32.09	31.68	32.58	31.68	2.8
Wisconsin.....	18.82	20.56	19.20	18.82	19.20	-2.0
West North Central	14.95	14.99	15.45	14.95	15.45	-3.2
Iowa.....	15.03	15.68	15.55	15.03	15.55	-3.4
Kansas.....	17.16	16.82	17.95	17.16	17.95	-4.4
Minnesota.....	19.67	18.25	19.87	19.67	19.87	-1.0
Missouri.....	16.36	16.69	16.93	16.36	16.93	-3.4
Nebraska.....	10.06	9.94	10.11	10.06	10.11	-.5
North Dakota.....	9.81	10.52	10.29	9.81	10.29	-4.7
South Dakota.....	16.25	15.77	16.29	16.25	16.29	-.2
South Atlantic	35.73	36.05	36.58	35.73	36.58	-2.3
Delaware	40.05	40.04	42.63	40.05	42.63	-6.1
Florida	41.15	41.09	43.18	41.15	43.18	-4.7
Georgia.....	36.41	37.40	36.70	36.41	36.70	-.8
Maryland	37.61	38.09	39.81	37.61	39.81	-5.5
North Carolina	35.41	34.75	35.89	35.41	35.89	-1.3
South Carolina	37.06	37.07	37.68	37.06	37.68	-1.7
Virginia	34.94	34.92	35.05	34.94	35.05	-.3
West Virginia.....	30.11	30.67	30.69	30.11	30.69	-1.9
East South Central	28.69	28.57	29.12	28.69	29.12	-1.5
Alabama	35.53	35.31	35.77	35.53	35.77	-.6
Kentucky	24.35	24.45	24.25	24.35	24.25	.4
Mississippi.....	31.95	32.15	31.72	31.95	31.72	.7
Tennessee.....	26.70	26.77	27.33	26.70	27.33	-2.3
West South Central	20.15	19.94	19.76	20.15	19.76	2.0
Arkansas.....	25.80	27.44	28.88	25.80	28.88	-10.7
Louisiana	23.08	24.31	24.48	23.08	24.48	-5.7
Oklahoma	16.04	15.68	16.01	16.04	16.01	.2
Texas	19.88	19.17	18.66	19.88	18.66	6.5
Mountain	20.84	20.45	21.85	20.84	21.85	-4.6
Arizona.....	27.05	27.75	30.04	27.05	30.04	-9.9
Colorado	19.53	18.61	20.79	19.53	20.79	-6.1
Montana.....	11.39	11.83	11.32	11.39	11.32	.6
Nevada.....	29.23	29.81	29.55	29.23	29.55	-1.1
New Mexico.....	23.68	22.90	24.89	23.68	24.89	-4.9
Utah.....	25.66	23.29	26.16	25.66	26.16	-1.9
Wyoming.....	14.07	13.71	14.45	14.07	14.45	-2.6
Pacific	24.00	22.44	30.26	24.00	30.26	-20.7
Oregon.....	19.15	19.89	20.00	19.15	20.00	-4.2
Washington	26.85	23.20	31.77	26.85	31.77	-15.5
U.S. Total	25.85	25.92	26.54	25.85	26.54	-2.6

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-March 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	1,835	204	1,487	167	346	138	3,668	183	0.95	-13.3	2.7	5.9
Arizona	3,109	117	-	-	-	-	3,109	117	.48	30.5	-5.1	2.2
Colorado	5,101	121	79	99	-	-	5,180	121	.41	-8.5	-2.2	1.7
Illinois	28	126	3,448	142	5,138	131	8,614	135	2.04	-8.1	-2.4	3.0
Indiana	466	155	2,895	120	4,745	102	8,105	111	2.05	24.4	3.3	-3.9
Kansas	-	-	-	-	97	104	97	104	3.77	157.7	-22.8	34.5
Kentucky	4,326	155	17,764	140	8,204	107	30,294	134	1.36	4.2	-2.3	.7
Louisiana	-	-	226	125	554	148	780	141	1.65	-4.6	3.6	12.9
Maryland	-	-	1,007	122	-	-	1,007	122	1.37	16.3	-2.1	3.0
Missouri	-	-	-	-	33	120	33	120	2.67	-77.4	14.7	-26.7
Montana	2,376	149	5,283	88	-	-	7,659	108	.69	5.2	-10.2	3.9
New Mexico	1,557	154	4,664	132	-	-	6,220	138	.74	-3.6	-5.7	-4
North Dakota	-	-	6,029	75	313	78	6,342	75	1.15	9.8	-3.0	3.1
Ohio	-	-	72	121	5,861	139	5,933	139	3.05	-7.4	7.2	3.1
Oklahoma	-	-	-	-	27	115	27	115	2.73	14.3	9.0	3.9
Pennsylvania	450	150	10,108	135	3,474	118	14,032	132	1.45	15.0	-1.0	-2.1
Tennessee	-	-	657	127	-	-	657	127	1.01	7.7	-6	4.1
Texas	-	-	5,110	123	5,826	91	10,936	106	1.70	-10.6	10.0	7.3
Utah	5,028	121	144	123	-	-	5,171	121	.41	6.0	3.9	-5.4
Virginia	1,790	154	2,103	139	83	125	3,976	146	.77	5.8	-7	-9.3
Washington	-	-	890	177	-	-	890	177	.75	12.8	-14.0	-5.3
West Virginia	8,682	152	11,514	137	6,920	134	27,117	141	1.26	2.4	-7	6.4
Wyoming	68,833	112	4,903	111	-	-	73,736	112	.39	10.4	-5.9	-1.9
Imported.....	1,402	159	16	179	-	-	1,418	160	.51	95.9	-3.0	-10.5
Total.....	104,984	125	78,397	130	41,619	120	225,000	126	1.07	5.4	-2.4	-3

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-March 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	7,424	7,735	83.4	82.4	1.02	0.97	155	153
Alabama.....	3,632	4,150	93.9	92.6	.95	.88	183	178
Colorado.....	169	377	100.0	100.0	.42	.44	116	113
Illinois.....	232	435	22.4	-	1.30	1.05	135	134
Indiana.....	23	-	-	-	3.21	-	109	-
Kentucky.....	1,179	612	59.1	60.2	1.62	2.07	122	112
Pennsylvania.....	-	29	-	100.0	-	1.69	-	111
Tennessee.....	192	144	100.0	100.0	.69	.71	136	134
Utah.....	-	122	-	81.1	-	.39	-	122
West Virginia.....	617	800	49.7	59.6	1.58	1.56	132	128
Wyoming.....	1,381	1,065	99.0	97.8	.30	.29	117	111
Arizona	4,471	3,520	86.6	83.6	.54	.52	133	148
Arizona.....	1,873	1,213	100.0	100.0	.50	.49	116	126
New Mexico.....	2,473	2,306	80.8	75.0	.58	.54	148	162
Wyoming.....	125	-	-	-	.33	-	114	-
Arkansas	3,050	3,041	84.5	92.2	.41	.38	149	166
Wyoming.....	3,050	3,041	84.5	92.2	.41	.38	149	166
Colorado	4,423	3,892	93.0	88.0	.38	.37	99	103
Colorado.....	2,750	2,717	92.4	87.6	.41	.40	105	107
Wyoming.....	1,672	1,175	94.1	89.0	.32	.29	87	91
Connecticut	278	218	89.2	93.6	.40	.43	184	192
Kentucky.....	229	191	93.4	100.0	.39	.42	184	193
Virginia.....	-	4	-	100.0	-	.52	-	184
West Virginia.....	49	23	69.4	37.8	.46	.46	181	188
Delaware	402	410	99.2	73.2	.80	.65	155	164
Kentucky.....	21	-	100.0	-	.53	-	173	-
Maryland.....	7	*	100.0	100.0	1.17	1.04	146	147
Pennsylvania.....	184	70	98.2	53.3	1.05	1.03	143	142
Virginia.....	28	25	100.0	64.6	.61	.68	172	162
West Virginia.....	162	315	100.0	78.3	.57	.56	164	169
Florida	6,740	6,496	65.7	65.2	1.31	1.33	169	178
Alabama.....	36	29	-	-	1.60	2.80	183	204
Illinois.....	1,627	1,552	83.7	71.2	1.91	1.77	175	189
Indiana.....	30	5	100.0	-	2.79	.62	125	164
Kentucky.....	3,454	3,490	63.5	64.2	1.20	1.27	169	176
Virginia.....	212	228	95.8	100.0	.67	.59	207	212
West Virginia.....	579	625	36.2	48.4	1.42	1.38	165	167
Wyoming.....	252	210	-	-	.46	.51	138	143
Imported coal Colombia.....	359	139	100.0	100.0	.55	.59	149	152
Imported coal Indonesia.....	74	219	100.0	100.0	.40	.39	163	161
Imported coal Venezuela.....	115	-	-	-	.56	-	163	-
Georgia	7,402	6,553	48.8	59.2	.70	.71	156	159
Alabama.....	-	50	-	-	-	1.51	-	135
Illinois.....	224	236	100.0	80.2	1.35	.93	138	147
Kentucky.....	3,330	3,251	55.5	75.2	.80	.79	151	155
Virginia.....	952	450	62.6	90.7	.66	.74	152	160
West Virginia.....	1,233	1,049	76.7	80.1	.60	.58	185	183
Wyoming.....	1,584	1,479	-	-	.41	.47	151	150
Imported coal Venezuela.....	79	38	-	-	.52	1.35	152	137
Illinois	9,986	10,691	83.5	84.3	1.14	1.24	155	172
Colorado.....	413	146	72.0	100.0	.43	.43	138	137
Illinois.....	3,440	3,885	86.5	82.6	2.39	2.47	128	124
Indiana.....	553	389	56.8	47.0	.76	.94	147	140
Kentucky.....	-	52	-	34.6	-	.46	-	173
Montana.....	324	469	100.0	100.0	.34	.34	232	263
Utah.....	272	445	84.6	41.1	.30	.42	204	140
Wyoming.....	4,984	5,305	84.2	90.6	.33	.38	173	213
Indiana	14,303	12,388	71.8	71.0	1.55	1.53	113	118
Illinois.....	1,212	1,663	73.7	89.7	2.17	1.78	119	133
Indiana.....	6,958	5,464	66.7	56.4	2.10	2.16	109	107
Kentucky.....	344	235	57.8	72.1	1.29	1.35	124	126
Montana.....	-	261	-	100.0	-	.35	-	254
Ohio.....	334	286	-	-	3.28	3.63	109	99
Pennsylvania.....	162	118	100.0	100.0	1.72	1.71	107	102
Virginia.....	211	211	100.0	100.0	.54	.53	161	159
West Virginia.....	591	214	57.4	68.5	.89	.90	121	145
Wyoming.....	4,490	3,936	85.1	84.1	.34	.34	114	115
Iowa	4,636	4,286	72.5	81.4	.44	.43	87	91
Colorado.....	143	126	100.0	100.0	.42	.44	133	136

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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
Iowa								
Illinois.....	11	4	-	47.5	1.57	1.66	137	141
Indiana.....	16	20	100.0	-	1.28	1.11	125	123
Kentucky.....	3	-	-	-	1.98	-	135	-
Montana.....	28	4	-	-	.28	.29	129	150
West Virginia.....	1	-	-	-	2.08	-	164	-
Wyoming.....	4,433	4,132	72.2	81.3	.43	.42	85	88
Kansas.....	4,746	4,482	98.8	98.7	.50	.57	98	103
Colorado.....	325	406	100.0	100.0	.43	.36	127	126
Illinois.....	-	29	-	100.0	-	2.75	-	105
Kansas.....	97	18	100.0	100.0	3.77	2.69	104	136
Missouri.....	4	125	100.0	100.0	3.24	3.81	129	101
Oklahoma.....	19	3	100.0	-	2.76	2.85	119	121
Wyoming.....	4,301	3,902	98.7	98.6	.40	.42	95	99
Kentucky.....	9,628	9,101	62.2	74.4	2.13	2.09	105	105
Colorado.....	580	582	100.0	100.0	.40	.43	127	128
Illinois.....	60	20	-	-	2.10	2.13	101	98
Indiana.....	500	590	93.5	99.2	2.77	2.82	96	91
Kentucky.....	6,622	6,085	55.6	68.7	2.39	2.46	103	101
Ohio.....	159	49	76.2	61.8	3.55	3.66	94	91
Pennsylvania.....	43	38	78.6	47.1	1.72	1.52	110	114
Utah.....	-	54	-	81.5	-	.53	-	134
West Virginia.....	1,570	1,582	69.0	78.6	1.52	1.20	111	114
Wyoming.....	94	101	23.9	89.9	.32	.59	94	123
Louisiana.....	3,267	3,079	100.0	100.0	.77	.75	142	151
Louisiana.....	780	818	100.0	100.0	1.65	1.46	141	136
Texas.....	28	-	100.0	-	2.48	-	133	-
Wyoming.....	2,459	2,261	100.0	100.0	.53	.54	143	155
Maryland.....	2,791	2,506	67.1	70.1	.91	.87	147	154
Kentucky.....	115	110	100.0	86.4	.59	.57	146	146
Maryland.....	177	228	89.2	79.3	1.14	1.08	179	172
Pennsylvania.....	845	240	14.7	72.9	1.12	1.03	149	157
West Virginia.....	1,654	1,928	89.3	67.7	.80	.85	142	152
Massachusetts.....	1,292	1,050	90.8	86.4	.57	.56	169	177
Kentucky.....	196	234	100.0	86.0	.59	.53	181	181
Pennsylvania.....	49	8	100.0	100.0	1.13	.93	161	164
West Virginia.....	598	583	80.1	81.0	.57	.56	171	175
Imported coal Colombia.....	228	198	100.0	100.0	.51	.55	171	178
Imported coal Venezuela.....	220	28	100.0	100.0	.51	.59	155	162
Michigan.....	6,001	5,344	72.1	75.2	.71	.68	131	134
Colorado.....	37	-	100.0	-	.50	-	135	-
Kentucky.....	1,058	1,062	60.0	58.2	.67	.71	150	154
Montana.....	419	185	98.1	100.0	.45	.43	149	158
Ohio.....	36	36	6.8	96.5	2.71	2.62	156	157
Pennsylvania.....	796	666	87.2	79.4	1.15	1.22	124	120
West Virginia.....	1,313	1,158	52.8	70.9	.93	.79	152	158
Wyoming.....	2,342	2,238	79.1	81.7	.36	.33	99	107
Minnesota.....	4,698	4,872	98.3	98.6	.50	.49	111	112
Illinois.....	3	20	100.0	100.0	1.45	1.05	159	174
Indiana.....	5	-	-	-	1.03	-	151	-
Montana.....	2,461	2,480	97.0	97.2	.69	.67	111	111
Wyoming.....	2,229	2,373	100.0	100.0	.28	.29	111	112
Mississippi.....	1,442	1,402	91.7	89.3	.76	.70	154	152
Colorado.....	-	11	-	-	-	.42	-	154
Illinois.....	362	386	100.0	82.9	1.42	1.09	145	138
Kentucky.....	173	185	91.1	98.4	.79	.85	200	215
Montana.....	802	749	100.0	100.0	.41	.42	149	141
Wyoming.....	91	70	-	-	.46	.54	133	136
Imported coal Venezuela.....	14	-	-	-	.58	-	154	-
Missouri.....	9,458	7,905	62.3	83.1	.42	.54	92	94
Illinois.....	511	733	28.4	80.8	1.73	2.06	131	130
Kansas.....	-	20	-	100.0	-	2.92	-	134
Kentucky.....	15	8	-	100.0	2.83	.63	169	215
Missouri.....	29	20	100.0	100.0	2.59	2.53	119	126
Wyoming.....	8,903	7,124	64.2	83.2	.31	.32	88	88
Montana.....	2,630	2,239	100.0	100.0	.89	.88	67	69
Montana.....	2,630	2,094	100.0	100.0	.89	.92	67	70
Wyoming.....	-	145	-	100.0	-	.27	-	50

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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
Nebraska	2,952	2,804	87.5	75.0	0.32	0.34	59	59
Wyoming.....	2,952	2,804	87.5	75.0	.32	.34	59	59
Nevada	2,174	1,771	87.3	94.7	.42	.45	131	134
Arizona.....	1,236	1,169	100.0	100.0	.46	.46	119	121
Colorado.....	20	48	100.0	100.0	.41	.49	196	201
Utah.....	918	537	69.8	85.8	.37	.42	145	155
Wyoming.....	-	17	-	-	-	.48	-	95
New Hampshire	370	425	70.6	59.4	1.07	1.19	162	161
Pennsylvania.....	187	275	100.0	66.8	1.10	1.12	165	165
West Virginia.....	74	122	100.0	56.5	1.86	1.42	160	152
Imported coal Colombia.....	35	-	-	-	.49	-	173	-
Imported coal Venezuela.....	74	29	-	-	.50	.75	149	160
New Jersey	411	568	65.2	98.8	.87	.95	166	175
Kentucky.....	27	106	-	100.0	.66	.50	165	174
Pennsylvania.....	*	-	100.0	-	.61	-	192	-
Virginia.....	174	217	97.1	96.9	.55	.58	160	180
West Virginia.....	171	245	57.6	100.0	1.36	1.52	175	171
Imported coal Venezuela.....	39	-	-	-	.52	-	155	-
New Mexico	3,619	4,031	100.0	100.0	.88	.88	131	137
New Mexico.....	3,619	4,031	100.0	100.0	.88	.88	131	137
New York	1,985	1,952	94.6	91.6	1.23	1.33	146	140
Kentucky.....	248	126	75.4	83.2	.51	.45	183	191
Pennsylvania.....	554	507	95.4	84.5	1.19	1.31	140	135
West Virginia.....	1,026	1,249	98.0	94.8	1.54	1.47	137	135
Imported coal Colombia.....	35	-	100.0	-	.47	-	170	-
Imported coal Venezuela.....	123	69	100.0	100.0	.44	.50	170	175
North Carolina	6,928	6,719	69.8	71.9	.74	.72	144	145
Kentucky.....	3,946	4,057	59.9	65.1	.79	.78	140	142
Virginia.....	109	73	.2	-	.78	.92	134	134
West Virginia.....	2,873	2,549	86.0	85.8	.66	.62	149	149
Wyoming.....	-	40	-	-	-	.56	-	179
North Dakota	6,342	5,871	100.0	96.7	1.15	1.10	75	77
North Dakota.....	6,342	5,776	100.0	98.3	1.15	1.12	75	78
Wyoming.....	-	95	-	-	-	.52	-	63
Ohio	13,423	13,014	71.4	70.4	1.75	1.70	137	133
Illinois.....	2	-	-	-	.73	-	132	-
Indiana.....	-	2	-	-	-	2.36	-	104
Kentucky.....	1,729	2,155	54.3	64.1	.78	.76	124	134
Ohio.....	5,089	5,533	81.0	74.0	3.03	2.90	145	133
Pennsylvania.....	1,282	763	62.7	45.2	1.41	1.30	121	119
Virginia.....	149	88	100.0	100.0	.56	.56	126	124
West Virginia.....	4,743	4,384	73.5	72.1	.99	.80	140	134
Wyoming.....	429	89	20.4	100.0	.35	.29	118	123
Oklahoma	5,034	4,692	100.0	100.0	.32	.34	92	92
Oklahoma.....	8	21	100.0	100.0	2.66	2.60	105	103
Wyoming.....	5,026	4,671	100.0	100.0	.31	.32	92	92
Oregon	661	135	-	-	.35	.25	109	114
Wyoming.....	661	135	-	-	.35	.25	109	114
Pennsylvania	11,100	11,098	82.4	75.1	1.78	1.70	137	140
Maryland.....	6	-	-	-	.88	-	129	-
Ohio.....	22	133	100.0	100.0	3.04	3.03	172	179
Pennsylvania.....	8,671	8,702	78.3	70.2	1.57	1.57	131	134
West Virginia.....	2,402	2,264	97.0	92.3	2.54	2.15	157	158
South Carolina	3,138	2,876	83.2	76.6	.91	.92	145	147
Kentucky.....	2,729	2,484	80.7	74.6	.90	.90	144	146
Tennessee.....	91	107	100.0	100.0	1.09	1.16	151	150
Virginia.....	239	250	100.0	97.2	.99	1.08	150	155
West Virginia.....	78	35	100.0	-	.75	.87	162	150
South Dakota	462	432	100.0	100.0	.71	.72	93	93
Montana.....	462	432	100.0	100.0	.71	.72	93	93
Tennessee	6,960	6,041	68.5	70.5	1.62	1.60	113	114
Colorado.....	75	207	100.0	100.0	.44	.44	114	119
Illinois.....	874	368	37.8	78.0	1.78	1.81	111	108
Kentucky.....	4,104	3,873	71.3	59.9	1.91	1.88	113	113
Pennsylvania.....	172	109	91.5	100.0	1.78	1.88	111	110
Tennessee.....	374	358	100.0	97.5	1.15	1.02	116	118
Utah.....	426	312	40.4	92.6	.48	.47	124	121
Virginia.....	372	544	92.7	80.8	1.29	1.40	130	127
West Virginia.....	12	-	-	-	.60	-	123	-
Wyoming.....	550	268	70.3	95.1	.43	.34	91	93

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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
Texas	22,135	22,620	92.8	94.0	0.95	0.96	132	126
Colorado	376	333	78.4	-	.34	.34	141	132
Texas	10,908	12,234	100.0	100.0	1.70	1.58	106	96
Wyoming	10,827	10,054	86.2	89.8	.43	.41	152	152
Imported coal Colombia	24	-	-	-	.28	-	201	-
Utah	3,848	4,011	98.5	95.0	.42	.42	113	116
Colorado	292	613	96.9	85.7	.44	.39	188	175
Utah	3,555	3,376	98.7	97.3	.42	.43	108	105
Wyoming	-	22	-	-	-	.27	-	128
Virginia	2,967	3,102	75.7	74.9	.79	.80	139	139
Kentucky	759	750	61.4	53.4	.93	.89	143	146
Virginia	1,528	1,666	80.1	77.5	.77	.79	135	134
West Virginia	681	686	81.7	92.2	.69	.73	144	145
Washington	1,126	916	79.0	99.5	.67	.72	164	195
Montana	236	123	-	100.0	.41	.38	121	134
Washington	890	789	99.9	100.0	.75	.79	177	206
Imported coal Canada	-	4	-	-	-	.36	-	172
West Virginia	8,562	8,150	88.2	90.5	1.57	1.61	123	124
Maryland	817	637	94.7	97.1	1.43	1.43	108	106
Ohio	293	373	100.0	100.0	2.92	3.12	88	87
Pennsylvania	763	470	87.0	81.1	1.24	1.23	127	126
West Virginia	6,689	6,670	87.1	90.0	1.57	1.57	125	127
Wisconsin	5,217	5,101	81.1	81.7	.47	.47	104	106
Colorado	-	95	-	-	-	.45	-	135
Illinois	56	42	-	-	.77	.68	139	134
Indiana	19	44	-	-	1.18	1.13	139	136
Kentucky	13	12	-	-	.66	.62	194	203
Montana	298	485	100.0	98.4	.76	.67	107	109
New Mexico	127	113	100.0	100.0	.49	.45	151	158
Pennsylvania	322	210	11.1	39.4	1.18	1.21	145	145
Utah	-	31	-	-	-	.47	-	167
Wyoming	4,382	4,069	86.1	85.9	.35	.38	96	97
Wyoming	6,519	5,987	91.7	94.1	.60	.61	79	82
Wyoming	6,519	5,987	91.7	94.1	.60	.61	79	82
U.S. Total	225,000	213,527	80.8	82.8	1.07	1.07	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-March 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	3,668	4,228	92.9	90.9	0.95	0.90	183	178
Alabama.....	3,632	4,150	93.9	92.6	.95	.88	183	178
Florida.....	36	29	-	-	1.60	2.80	183	204
Georgia.....	-	50	-	-	-	1.51	-	135
Arizona	3,109	2,382	100.0	100.0	.48	.47	117	124
Arizona.....	1,873	1,213	100.0	100.0	.50	.49	116	126
Nevada.....	1,236	1,169	100.0	100.0	.46	.46	119	121
Colorado	5,180	5,659	92.0	84.7	.41	.41	121	123
Alabama.....	169	377	100.0	100.0	.42	.44	116	113
Colorado.....	2,750	2,717	92.4	87.6	.41	.40	105	107
Illinois.....	413	146	72.0	100.0	.43	.43	138	137
Iowa.....	143	126	100.0	100.0	.42	.44	133	136
Kansas.....	325	406	100.0	100.0	.43	.36	127	126
Kentucky.....	580	582	100.0	100.0	.40	.43	127	128
Michigan.....	37	-	100.0	-	.50	-	135	-
Mississippi.....	-	11	-	-	-	.42	-	154
Nevada.....	20	48	100.0	100.0	.41	.49	196	201
Tennessee.....	75	207	100.0	100.0	.44	.44	114	119
Texas.....	376	333	78.4	-	.34	.34	141	132
Utah.....	292	613	96.9	85.7	.44	.39	188	175
Wisconsin.....	-	95	-	-	-	.45	-	135
Illinois	8,614	9,373	73.7	77.3	2.04	1.98	135	139
Alabama.....	232	435	22.4	-	1.30	1.05	135	134
Florida.....	1,627	1,552	83.7	71.2	1.91	1.77	175	189
Georgia.....	224	236	100.0	80.2	1.35	.93	138	147
Illinois.....	3,440	3,885	86.5	82.6	2.39	2.47	128	124
Indiana.....	1,212	1,663	73.7	89.7	2.17	1.78	119	133
Iowa.....	11	4	-	47.5	1.57	1.66	137	141
Kansas.....	-	29	-	100.0	-	2.75	-	105
Kentucky.....	60	20	-	-	2.10	2.13	101	98
Minnesota.....	3	20	100.0	100.0	1.45	1.05	159	174
Mississippi.....	362	386	100.0	82.9	1.42	1.09	145	138
Missouri.....	511	733	28.4	80.8	1.73	2.06	131	130
Ohio.....	2	-	-	-	.73	-	132	-
Tennessee.....	874	368	37.8	78.0	1.78	1.81	111	108
Wisconsin.....	56	42	-	-	.77	.68	139	134
Indiana	8,105	6,513	67.5	59.1	2.05	2.13	111	108
Alabama.....	23	-	-	-	3.21	-	109	-
Florida.....	30	5	100.0	-	2.79	.62	125	164
Illinois.....	553	389	56.8	47.0	.76	.94	147	140
Indiana.....	6,958	5,464	66.7	56.4	2.10	2.16	109	107
Iowa.....	16	20	100.0	-	1.28	1.11	125	123
Kentucky.....	500	590	93.5	99.2	2.77	2.82	96	91
Minnesota.....	5	-	-	-	1.03	-	151	-
Ohio.....	-	2	-	-	-	2.36	-	104
Wisconsin.....	19	44	-	-	1.18	1.13	139	136
Kansas	97	38	100.0	100.0	3.77	2.81	104	135
Kansas.....	97	18	100.0	100.0	3.77	2.69	104	136
Missouri.....	-	20	-	100.0	-	2.92	-	134
Kentucky	30,294	29,079	62.8	67.1	1.36	1.35	134	137
Alabama.....	1,179	612	59.1	60.2	1.62	2.07	122	112
Connecticut.....	229	191	93.4	100.0	.39	.42	184	193
Delaware.....	21	-	100.0	-	.53	-	173	-
Florida.....	3,454	3,490	63.5	64.2	1.20	1.27	169	176
Georgia.....	3,330	3,251	55.5	75.2	.80	.79	151	155
Illinois.....	-	52	-	34.6	-	.46	-	173
Indiana.....	344	235	57.8	72.1	1.29	1.35	124	126
Iowa.....	3	-	-	-	1.98	-	135	-
Kentucky.....	6,622	6,085	55.6	68.7	2.39	2.46	103	101
Maryland.....	115	110	100.0	86.4	.59	.57	146	146
Massachusetts.....	196	234	100.0	86.0	.59	.53	181	181
Michigan.....	1,058	1,062	60.0	58.2	.67	.71	150	154
Mississippi.....	173	185	91.1	98.4	.79	.85	200	215
Missouri.....	15	8	-	100.0	2.83	.63	169	215
New Jersey.....	27	106	-	100.0	.66	.50	165	174
New York.....	248	126	75.4	83.2	.51	.45	183	191
North Carolina.....	3,946	4,057	59.9	65.1	.79	.78	140	142
Ohio.....	1,729	2,155	54.3	64.1	.78	.76	124	134
South Carolina.....	2,729	2,484	80.7	74.6	.90	.90	144	146

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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								
Tennessee	4,104	3,873	71.3	59.9	1.91	1.88	113	113
Virginia	759	750	61.4	53.4	.93	.89	143	146
Wisconsin	13	12	—	—	.66	.62	194	203
Louisiana	780	818	100.0	100.0	1.65	1.46	141	136
Louisiana	780	818	100.0	100.0	1.65	1.46	141	136
Maryland	1,007	866	93.2	92.4	1.37	1.33	122	124
Delaware	7	*	100.0	100.0	1.17	1.04	146	147
Maryland	177	228	89.2	79.3	1.14	1.08	179	172
Pennsylvania	6	—	—	—	.88	—	129	—
West Virginia	817	637	94.7	97.1	1.43	1.43	108	106
Missouri	33	145	100.0	100.0	2.67	3.64	120	104
Kansas	4	125	100.0	100.0	3.24	3.81	129	101
Missouri	29	20	100.0	100.0	2.59	2.53	119	126
Montana	7,659	7,282	95.5	98.9	.69	.66	108	120
Illinois	324	469	100.0	100.0	.34	.34	232	263
Indiana	—	261	—	100.0	—	.35	—	254
Iowa	28	4	—	—	.28	.29	129	150
Michigan	419	185	98.1	100.0	.45	.43	149	158
Minnesota	2,461	2,480	97.0	97.2	.69	.67	111	111
Mississippi	802	749	100.0	100.0	.41	.42	149	141
Montana	2,630	2,094	100.0	100.0	.89	.92	67	70
South Dakota	462	432	100.0	100.0	.71	.72	93	93
Washington	236	123	—	100.0	.41	.38	121	134
Wisconsin	298	485	100.0	98.4	.76	.67	107	109
New Mexico	6,220	6,451	92.4	91.1	.74	.74	138	147
Arizona	2,473	2,306	80.8	75.0	.58	.54	148	162
New Mexico	3,619	4,031	100.0	100.0	.88	.88	131	137
Wisconsin	127	113	100.0	100.0	.49	.45	151	158
North Dakota	6,342	5,776	100.0	98.3	1.15	1.12	75	78
North Dakota	6,342	5,776	100.0	98.3	1.15	1.12	75	78
Ohio	5,933	6,410	76.9	72.8	3.05	2.95	139	130
Indiana	334	286	—	—	3.28	3.63	109	99
Kentucky	159	49	76.2	61.8	3.55	3.66	94	91
Michigan	36	36	6.8	96.5	2.71	2.62	156	157
Ohio	5,089	5,533	81.0	74.0	3.03	2.90	145	133
Pennsylvania	22	133	100.0	100.0	3.04	3.03	172	179
West Virginia	293	373	100.0	100.0	2.92	3.12	88	87
Oklahoma	27	24	100.0	89.2	2.73	2.62	115	105
Kansas	19	3	100.0	—	2.76	2.85	119	121
Oklahoma	8	21	100.0	100.0	2.66	2.60	105	103
Pennsylvania	14,032	12,205	74.2	70.1	1.45	1.48	132	133
Alabama	—	29	—	100.0	—	1.69	—	111
Delaware	184	70	98.2	53.3	1.05	1.03	143	142
Indiana	162	118	100.0	100.0	1.72	1.71	107	102
Kentucky	43	38	78.6	47.1	1.72	1.52	110	114
Maryland	845	240	14.7	72.9	1.12	1.03	149	157
Massachusetts	49	8	100.0	100.0	1.13	.93	161	164
Michigan	796	666	87.2	79.4	1.15	1.22	124	120
New Hampshire	187	275	100.0	66.8	1.10	1.12	165	165
New Jersey	*	—	100.0	—	.61	—	192	—
New York	554	507	95.4	84.5	1.19	1.31	140	135
Ohio	1,282	763	62.7	45.2	1.41	1.30	121	119
Pennsylvania	8,671	8,702	78.3	70.2	1.57	1.57	131	134
Tennessee	172	109	91.5	100.0	1.78	1.88	111	110
West Virginia	763	470	87.0	81.1	1.24	1.23	127	126
Wisconsin	322	210	11.1	39.4	1.18	1.21	145	145
Tennessee	657	610	100.0	98.5	1.01	.97	127	128
Alabama	192	144	100.0	100.0	.69	.71	136	134
South Carolina	91	107	100.0	100.0	1.09	1.16	151	150
Tennessee	374	358	100.0	97.5	1.15	1.02	116	118
Texas	10,936	12,234	100.0	100.0	1.70	1.58	106	96
Louisiana	28	—	100.0	—	2.48	—	133	—
Texas	10,908	12,234	100.0	100.0	1.70	1.58	106	96
Utah	5,171	4,878	88.0	89.4	.41	.43	121	116
Alabama	—	122	—	81.1	—	.39	—	122
Illinois	272	445	84.6	41.1	.30	.42	204	140
Kentucky	—	54	—	81.5	—	.53	—	134
Nevada	918	537	69.8	85.8	.37	.42	145	155

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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
Utah								
Tennessee	426	312	40.4	92.6	0.48	0.47	124	121
Utah	3,555	3,376	98.7	97.3	.42	.43	108	105
Wisconsin	-	31	-	-	-	.47	-	167
Virginia	3,976	3,756	79.6	83.5	.77	.84	146	147
Connecticut.....	-	4	-	100.0	-	.52	-	184
Delaware.....	28	25	100.0	64.6	.61	.68	172	162
Florida.....	212	228	95.8	100.0	.67	.59	207	212
Georgia.....	952	450	62.6	90.7	.66	.74	152	160
Indiana.....	211	211	100.0	100.0	.54	.53	161	159
New Jersey.....	174	217	97.1	96.9	.55	.58	160	180
North Carolina.....	109	73	.2	-	.78	.92	134	134
Ohio.....	149	88	100.0	100.0	.56	.56	126	124
South Carolina.....	239	250	100.0	97.2	.99	1.08	150	155
Tennessee.....	372	544	92.7	80.8	1.29	1.40	130	127
Virginia.....	1,528	1,666	80.1	77.5	.77	.79	135	134
Washington	890	789	99.9	100.0	.75	.79	177	206
Washington.....	890	789	99.9	100.0	.75	.79	177	206
West Virginia	27,117	26,481	79.8	80.9	1.26	1.18	141	142
Alabama.....	617	800	49.7	59.6	1.58	1.56	132	128
Connecticut.....	49	23	69.4	37.8	.46	.46	181	188
Delaware.....	162	315	100.0	78.3	.57	.56	164	169
Florida.....	579	625	36.2	48.4	1.42	1.38	165	167
Georgia.....	1,233	1,049	76.7	80.1	.60	.58	185	183
Indiana.....	591	214	57.4	68.5	.89	.90	121	145
Iowa.....	1	-	-	-	2.08	-	164	-
Kentucky.....	1,570	1,582	69.0	78.6	1.52	1.20	111	114
Maryland.....	1,654	1,928	89.3	67.7	.80	.85	142	152
Massachusetts.....	598	583	80.1	81.0	.57	.56	171	175
Michigan.....	1,313	1,158	52.8	70.9	.93	.79	152	158
New Hampshire.....	74	122	100.0	56.5	1.86	1.42	160	152
New Jersey.....	171	245	57.6	100.0	1.36	1.52	175	171
New York.....	1,026	1,249	98.0	94.8	1.54	1.47	137	135
North Carolina.....	2,873	2,549	86.0	85.8	.66	.62	149	149
Ohio.....	4,743	4,384	73.5	72.1	.99	.80	140	134
Pennsylvania.....	2,402	2,264	97.0	92.3	2.54	2.15	157	158
South Carolina.....	78	35	100.0	-	.75	.87	162	150
Tennessee.....	12	-	-	-	.60	-	123	-
Virginia.....	681	686	81.7	92.2	.69	.73	144	145
West Virginia.....	6,689	6,670	87.1	90.0	1.57	1.57	125	127
Wyoming	73,736	66,808	81.9	87.0	.39	.40	112	119
Alabama.....	1,381	1,065	99.0	97.8	.30	.29	117	111
Arizona.....	125	-	-	-	.33	-	114	-
Arkansas.....	3,050	3,041	84.5	92.2	.41	.38	149	166
Colorado.....	1,672	1,175	94.1	89.0	.32	.29	87	91
Florida.....	252	210	-	-	.46	.51	138	143
Georgia.....	1,584	1,479	-	-	.41	.47	151	150
Illinois.....	4,984	5,305	84.2	90.6	.33	.38	173	213
Indiana.....	4,490	3,936	85.1	84.1	.34	.34	114	115
Iowa.....	4,433	4,132	72.2	81.3	.43	.42	85	88
Kansas.....	4,301	3,902	98.7	98.6	.40	.42	95	99
Kentucky.....	94	101	23.9	89.9	.32	.59	94	123
Louisiana.....	2,459	2,261	100.0	100.0	.53	.54	143	155
Michigan.....	2,342	2,238	79.1	81.7	.36	.33	99	107
Minnesota.....	2,229	2,373	100.0	100.0	.28	.29	111	112
Mississippi.....	91	70	-	-	.46	.54	133	136
Missouri.....	8,903	7,124	64.2	83.2	.31	.32	88	88
Montana.....	-	145	-	100.0	-	.27	-	50
Nebraska.....	2,952	2,804	87.5	75.0	.32	.34	59	59
Nevada.....	-	17	-	-	-	.48	-	95
North Carolina.....	-	40	-	-	-	.56	-	179
North Dakota.....	-	95	-	-	-	.52	-	63
Ohio.....	429	89	20.4	100.0	.35	.29	118	123
Oklahoma.....	5,026	4,671	100.0	100.0	.31	.32	92	92
Oregon.....	661	135	-	-	.35	.25	109	114
Tennessee.....	550	268	70.3	95.1	.43	.34	91	93
Texas.....	10,827	10,054	86.2	89.8	.43	.41	152	152
Utah.....	-	22	-	-	-	.27	-	128
Wisconsin.....	4,382	4,069	86.1	85.9	.35	.38	96	97
Wyoming.....	6,519	5,987	91.7	94.1	.60	.61	79	82

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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
Imported Coal	1,418	724	73.2	90.1	0.51	0.57	160	165
Canada	—	4	—	—	—	.36	—	172
Washington.....	—	4	—	—	—	.36	—	172
Colombia	681	337	91.4	100.0	.52	.57	161	168
Florida.....	359	139	100.0	100.0	.55	.59	149	152
Massachusetts.....	228	198	100.0	100.0	.51	.55	171	178
New Hampshire.....	35	—	—	—	.49	—	173	—
New York.....	35	—	100.0	—	.47	—	170	—
Texas.....	24	—	—	—	.28	—	201	—
Venezuela	664	164	51.6	59.2	.51	.74	158	162
Florida.....	115	—	—	—	.56	—	163	—
Georgia.....	79	38	—	—	.52	1.35	152	137
Massachusetts.....	220	28	100.0	100.0	.51	.59	155	162
Mississippi.....	14	—	—	—	.58	—	154	—
New Hampshire.....	74	29	—	—	.50	.75	149	160
New Jersey.....	39	—	—	—	.52	—	155	—
New York.....	123	69	100.0	100.0	.44	.50	170	175
Indonesia	74	219	100.0	100.0	.40	.39	163	161
Florida.....	74	219	100.0	100.0	.40	.39	163	161
U.S. Total	225,000	213,527	80.8	82.8	1.07	1.07	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
(Thousand Short Tons)**

Coal Receipts	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
By State						
Alabama.....	637	620	800	637	800	-20.3
Illinois.....	w	w	w	w	w	w
Indiana.....	1,315	1,320	1,434	1,315	1,434	-8.3
Kentucky.....	w	w	w	w	w	w
Michigan.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Ohio.....	438	480	451	438	451	-2.8
Pennsylvania.....	2,285	2,591	2,657	2,285	2,657	-14.0
Utah.....	w	w	w	w	w	w
Virginia.....	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w
By Plant Type						
Merchant Coke Plants.....	889	858	1,000	889	1,000	-11.1
Furnace Coke Plants.....	5,952	6,709	6,330	5,952	6,330	-6.0
U.S. Total	6,840	7,567	7,330	6,840	7,330	-6.7

^w Withheld to avoid disclosure of individual company data.

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

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

Table 31. Average Price of Coal Receipts at Coke Plants
(Dollars per Short Ton)

Average Price ¹	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
By State						
Alabama.....	\$41.06	\$50.08	\$50.01	\$41.06	\$50.01	-17.9
Illinois.....	w	w	w	w	w	w
Indiana.....	\$49.50	\$51.16	\$51.60	\$49.50	\$51.60	-4.1
Kentucky.....	w	w	w	w	w	w
Michigan.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Ohio.....	\$46.20	\$44.56	\$46.71	\$46.20	\$46.71	-1.1
Pennsylvania.....	44.44	45.22	47.07	44.44	47.07	-5.6
Utah.....	w	w	w	w	w	w
Virginia.....	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w
By Plant Type						
Merchant Coke Plants.....	\$48.79	\$48.23	\$48.94	\$48.79	\$48.94	-.3
Furnace Coke Plants.....	45.19	47.26	47.97	45.19	47.97	-5.8
U.S. Total.....	45.65	47.37	48.10	45.65	48.10	-5.1

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	173	49	w	49	w
Connecticut.....	-	14	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	*	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	107	-	27	-	-
Middle Atlantic Total	1,352	w	w	1,352	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	408	275	w	275	w
Pennsylvania.....	1,064	1,214	1,036	1,064	1,036	2.7
East North Central Total	3,838	4,568	4,036	3,838	4,036	-4.9
Illinois.....	1,027	1,030	997	1,027	997	3.0
Indiana.....	1,145	1,351	1,191	1,145	1,191	-3.8
Michigan.....	290	730	371	290	371	-21.9
Ohio.....	1,020	977	1,113	1,020	1,113	-8.3
Wisconsin.....	355	479	364	355	364	-2.6
West North Central Total	3,016	3,605	3,115	3,016	3,115	-3.2
Iowa.....	581	748	612	581	612	-5.1
Kansas.....	32	30	37	32	37	-13.0
Minnesota.....	343	516	361	343	361	-5.0
Missouri.....	294	314	331	294	331	-11.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	98	116	106	98	106	-7.2
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	333	313	335	333	335	-8
Georgia.....	562	536	539	562	539	4.2
Maryland.....	190	189	193	190	193	-1.7
North Carolina.....	563	523	649	563	649	-13.1
South Carolina.....	482	543	538	482	538	-10.4
Virginia.....	642	624	690	642	690	-7.0
West Virginia.....	413	428	424	413	424	-2.6
East South Central Total	w	w	w	w	w	w
Alabama.....	710	688	647	710	647	9.7
Kentucky.....	497	564	575	497	575	-13.6
Mississippi.....	w	w	w	w	w	w
Tennessee.....	963	866	946	963	946	1.8
West South Central Total	1,476	1,508	1,448	1,476	1,448	2.0
Arkansas.....	70	60	92	70	92	-24.5
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,167	1,263	1,151	1,167	1,151	1.5
Mountain Total	1,218	1,175	1,169	1,218	1,169	4.1
Arizona.....	174	177	188	174	188	-7.6
Colorado.....	180	199	192	180	192	-6.0
Idaho.....	108	w	w	108	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.....	139	99	64	139	64	116.8
Wyoming.....	523	517	489	523	489	7.1
Pacific Total	807	676	591	807	591	36.6
Alaska.....	w	w	w	w	w	w
California.....	692	520	474	692	474	45.8
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	37	47	w	47	w
U.S. Total	17,213	18,726	17,352	17,213	17,352	-8

* Rounded to zero.

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	\$64.33	\$65.61	w	\$65.61	w
Connecticut	-	-	-	-	-	-
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
New Hampshire	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	\$35.27	w	w	\$35.27	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	\$41.33	\$40.75	w	\$40.75	w
Pennsylvania.....	\$33.98	34.26	35.34	\$33.98	35.34	-3.8
East North Central Total	32.80	34.03	33.04	32.80	33.04	-7
Illinois.....	29.19	29.80	29.49	29.19	29.49	-1.0
Indiana.....	30.12	30.75	29.19	30.12	29.19	3.2
Michigan.....	42.30	43.06	42.91	42.30	42.91	-1.4
Ohio.....	34.19	33.72	34.57	34.19	34.57	-1.1
Wisconsin.....	40.73	39.59	41.39	40.73	41.39	-1.6
West North Central Total	18.45	19.06	18.83	18.45	18.83	-2.0
Iowa.....	24.99	28.57	25.30	24.99	25.30	-1.2
Kansas.....	30.77	31.93	33.64	30.77	33.64	-8.5
Minnesota.....	34.84	29.49	33.98	34.84	33.98	2.5
Missouri.....	31.97	30.25	30.76	31.97	30.76	3.9
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	\$24.99	\$22.81	\$24.13	\$24.99	\$24.13	3.5
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	\$44.69	\$44.65	\$45.08	\$44.69	\$45.08	-9
Georgia.....	44.42	44.95	45.00	44.42	45.00	-1.3
Maryland.....	32.70	32.53	33.00	32.70	33.00	-9
North Carolina.....	43.46	43.06	43.45	43.46	43.45	*
South Carolina.....	44.71	44.10	44.17	44.71	44.17	1.2
Virginia.....	44.01	43.87	44.40	44.01	44.40	-9
West Virginia.....	46.37	36.45	33.79	46.37	33.79	37.2
East South Central Total	w	w	w	w	w	w
Alabama.....	\$40.59	\$40.11	\$40.41	\$40.59	\$40.41	.5
Kentucky.....	43.75	45.23	44.91	43.75	44.91	-2.6
Mississippi.....	w	w	w	w	w	w
Tennessee.....	\$37.27	\$36.93	\$36.19	\$37.27	\$36.19	3.0
West South Central Total	22.53	22.43	23.19	22.53	23.19	-2.8
Arkansas.....	41.34	39.65	43.49	41.34	43.49	-4.9
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	\$20.41	\$20.85	\$19.98	\$20.41	\$19.98	2.2
Mountain Total	27.47	27.03	27.50	27.47	27.50	-1
Arizona.....	38.18	37.56	38.87	38.18	38.87	-1.8
Colorado.....	25.04	25.41	24.75	25.04	24.75	1.2
Idaho.....	33.07	w	w	33.07	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.....	\$20.04	\$20.33	\$24.19	\$20.04	\$24.19	-17.2
Wyoming.....	24.25	24.14	22.58	24.25	22.58	7.4
Pacific Total	46.07	43.11	43.31	46.07	43.31	6.4
Alaska.....	w	w	w	w	w	w
California.....	\$42.86	\$39.69	\$39.43	\$42.86	\$39.43	8.7
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	\$64.21	\$53.22	w	\$53.22	w
U.S. Total	\$32.77	32.40	32.60	\$32.77	32.60	.5

* Rounded to zero.

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
11 Food and kindred products	2,088	2,240	2,064	2,088	2,064	1.1
12 Tobacco Products	140	138	164	140	164	-14.5
13 Textile Mill Products	263	273	3,386	263	3,386	-92.2
15 Apparel, Other Textile Products	w	w	w	w	w	w
16 Leather, leather products.....	-	w	w	-	w	-
21 Lumber and Wood Products	w	w	w	w	w	w
22 Paper and Allied Products	3,262	3,448	68	3,262	68	NM
23 Printing and Publishing	-	-	-	-	-	-
24 Petroleum and Coal Products ¹	w	1,799	1,639	w	1,639	w
25 Chemicals, Allied Products.....	3,164	3,286	3,332	3,164	3,332	-5.0
26 Rubber, Misc. Plastic Products.....	51	48	68	51	68	-24.1
27 Stone, clay, glass products.....	w	w	w	w	w	w
31 Primary metal industries ²	w	2,263	90	w	90	w
32 Fabricated Metal Products	81	66	199	81	199	-59.4
33 Machinery, except Electric	91	115	20	91	20	345.9
34 Computer, Electronic Products	w	w	w	w	w	w
35 Elec. Equip., Appl., Components	w	w	w	w	w	w
36 Transportation Equipment.....	242	226	14	242	14	NM
37 Furniture and Fixtures.....	w	w	w	w	w	w
39 Misc. Manufacturing Industries.....	w	w	w	w	w	w
U.S. Total	16,010	17,575	16,322	16,010	16,322	-1.9

¹ Includes coal gasification projects.

² Excludes coke plants.

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

w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-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	January - March 1998	October - December 1997	January - March 1997	Percent Difference January - March: 1998 versus 1997
11 Food and kindred products.....	\$29.58	\$30.48	\$29.83	-0.8
12 Tobacco Products	46.27	46.37	46.16	.2
13 Textile Mill Products.....	47.53	47.68	40.34	17.8
15 Apparel, Other Textile Products	w	w	w	w
16 Leather, leather products	-	w	w	-
21 Lumber and Wood Products	w	w	w	w
22 Paper and Allied Products.....	\$39.57	\$39.65	\$27.61	43.3
23 Printing and Publishing	-	-	-	-
24 Petroleum and Coal Products ¹	w	11.11	12.06	w
25 Chemicals, Allied Products.....	\$35.85	34.49	34.22	4.8
26 Rubber, Misc. Plastic Products	32.71	31.99	27.61	18.5
27 Stone, clay, glass products	w	w	w	w
31 Primary metal industries ²	w	\$26.75	\$35.63	w
32 Fabricated Metal Products.....	\$47.14	47.36	40.00	17.8
33 Machinery, except Electric.....	39.07	42.41	44.19	-11.6
34 Computer, Electronic Products	w	w	w	w
35 Elec. Equip., Appl., Components.....	w	w	w	w
36 Transportation Equipment	\$41.66	\$41.84	\$50.69	-17.8
37 Furniture and Fixtures	w	w	w	w
39 Misc. Manufacturing Industries	w	w	w	w
U.S. Total	\$32.77	\$32.40	\$32.60	.5

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	17	15	15	17	15	7.5
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	386	451	451	386	451	-14.6
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	298	373	373	298	373	-20.1
East North Central Total	472	411	411	472	411	14.9
Illinois.....	w	w	w	w	w	w
Indiana.....	107	119	119	107	119	-9.9
Michigan.....	w	w	w	w	w	w
Ohio.....	197	99	99	197	99	99.5
Wisconsin.....	w	w	w	w	w	w
West North Central Total	w	w	w	w	w	w
Iowa.....	67	112	112	67	112	-40.6
Kansas.....	23	1	1	23	1	NM
Minnesota.....	47	32	32	47	32	47.9
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	241	180	180	241	180	34.0
Delaware.....	w	w	w	w	w	w
District of Columbia.....	7	12	12	7	12	-41.9
Florida.....	*	*	*	*	*	.0
Georgia.....	1	5	5	1	5	-81.5
Maryland.....	w	w	w	w	w	w
North Carolina.....	62	58	58	62	58	7.0
South Carolina.....	6	*	*	6	*	NM
Virginia.....	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w
East South Central Total	82	167	167	82	167	-51.2
Alabama.....	13	22	22	13	22	-39.5
Kentucky.....	w	w	w	w	w	w
Mississippi.....	w	w	w	w	w	w
Tennessee.....	w	w	w	w	w	w
West South Central Total	1	87	87	1	87	-99.2
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.....	*	*	*	*	*	-6.8
Colorado.....	4	19	19	4	19	-79.4
Idaho.....	8	9	9	8	9	-6.7
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.....	114	42	42	114	42	171.6
Pacific Total	202	190	190	202	190	6.5
Alaska.....	142	151	151	142	151	-5.7
California.....	53	33	33	53	33	63.1
Hawaii.....	-	-	-	-	-	-
Oregon.....	*	*	*	*	*	-45.6
Washington.....	7	6	6	7	6	8.4
U.S. Total	1,802	1,939	1,939	1,802	1,939	-7.1

* Rounded to zero.

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

w Withheld to avoid disclosure of individual company data.

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

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

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 ¹	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.....	219,015	7,590	18,351	1,939	—	246,895
April - June.....	208,162	7,367	17,134	1,293	—	233,955
July - September.....	243,976	7,338	16,815	1,293	—	269,422
October - December.....	230,509	7,148	18,402	1,939	—	257,999
Total.....	901,662	29,443	70,702	6,463	^E 22,827	^E 1,031,098
1998						
January - March.....	220,498	6,938	18,192	1,802	—	247,431
Total.....	220,498	6,938	18,192	1,802	—	247,431

¹ Coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors.

^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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	1,762	2,065	1,951	1,762	1,951	-9.7
Connecticut.....	210	276	293	210	293	-28.6
Maine.....	44	45	57	44	57	-22.4
Massachusetts.....	1,128	1,348	1,165	1,128	1,165	-3.2
New Hampshire.....	351	395	434	351	434	-19.1
Rhode Island.....	1	1	1	1	1	13.0
Vermont.....	27	1	1	27	1	NM
Middle Atlantic Total	18,174	18,870	18,342	18,174	18,342	-9
New Jersey.....	494	794	799	494	799	-38.1
New York.....	3,059	3,131	2,867	3,059	2,867	6.7
Pennsylvania.....	14,621	14,945	14,676	14,621	14,676	-4
East North Central Total	57,761	60,257	59,250	57,761	59,250	-2.5
Illinois.....	10,664	12,107	11,812	10,664	11,812	-9.7
Indiana.....	16,122	17,485	16,979	16,122	16,979	-5.0
Michigan.....	9,141	9,012	8,978	9,141	8,978	1.8
Ohio.....	15,799	15,384	15,034	15,799	15,034	5.1
Wisconsin.....	6,034	6,269	6,448	6,034	6,448	-6.4
West North Central Total	36,113	35,284	35,154	36,113	35,154	2.7
Iowa.....	5,800	5,518	5,659	5,800	5,659	2.5
Kansas.....	4,425	4,196	4,477	4,425	4,477	-1.2
Minnesota.....	5,128	5,234	5,195	5,128	5,195	-1.3
Missouri.....	9,273	9,096	8,775	9,273	8,775	5.7
Nebraska.....	2,807	2,546	2,933	2,807	2,933	-4.3
North Dakota.....	8,061	8,049	7,543	8,061	7,543	6.9
South Dakota.....	620	646	572	620	572	8.3
South Atlantic Total	40,019	43,728	40,103	40,019	40,103	-2
Delaware.....	398	425	484	398	484	-17.9
District of Columbia.....	7	12	12	7	12	-41.9
Florida.....	6,500	7,021	6,628	6,500	6,628	-1.9
Georgia.....	6,813	8,172	6,968	6,813	6,968	-2.2
Maryland.....	2,920	2,723	2,858	2,920	2,858	2.2
North Carolina.....	6,541	7,968	6,857	6,541	6,857	-4.6
South Carolina.....	3,337	3,830	3,082	3,337	3,082	8.3
Virginia.....	4,069	3,897	3,765	4,069	3,765	8.1
West Virginia.....	9,435	9,681	9,449	9,435	9,449	-2
East South Central Total	26,437	29,246	26,956	26,437	26,956	-1.9
Alabama.....	8,184	9,578	8,259	8,184	8,259	-9
Kentucky.....	10,003	10,787	10,345	10,003	10,345	-3.3
Mississippi.....	1,290	1,567	1,380	1,290	1,380	-6.5
Tennessee.....	6,960	7,315	6,972	6,960	6,972	-2
West South Central Total	35,101	35,989	36,099	35,101	36,099	-2.8
Arkansas.....	3,154	2,829	3,462	3,154	3,462	-8.9
Louisiana.....	3,279	3,416	3,136	3,279	3,136	4.5
Oklahoma.....	5,173	5,167	5,237	5,173	5,237	-1.2
Texas.....	23,495	24,577	24,264	23,495	24,264	-3.2
Mountain Total	29,043	29,744	26,975	29,043	26,975	7.7
Arizona.....	4,283	4,922	3,941	4,283	3,941	8.7
Colorado.....	4,499	4,820	4,182	4,499	4,182	7.6
Idaho.....	145	161	151	145	151	-3.3
Montana.....	2,672	2,772	2,255	2,672	2,255	18.5
Nevada.....	1,997	2,095	1,865	1,997	1,865	7.0
New Mexico.....	3,667	3,861	4,030	3,667	4,030	-9.0
Utah.....	4,160	4,111	3,917	4,160	3,917	6.2
Wyoming.....	7,620	7,002	6,633	7,620	6,633	14.9
Pacific Total	3,021	2,815	2,066	3,021	2,066	46.2
Alaska.....	231	215	222	231	222	4.2
California.....	653	522	529	653	529	23.5
Hawaii.....	43	37	45	43	45	-5.1
Oregon.....	559	560	77	559	77	NM
Washington.....	1,535	1,481	1,194	1,535	1,194	28.6
U.S. Total	247,431	257,999	246,895	247,431	246,895	.2

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	1,666	1,998	1,869	1,666	1,869	-10.9
Connecticut	208	274	291	208	291	-28.6
Maine	-	-	-	-	-	-
Massachusetts	1,109	1,331	1,145	1,109	1,145	-3.2
New Hampshire	349	393	432	349	432	-19.3
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	13,583	13,922	13,511	13,583	13,511	.5
New Jersey	489	789	794	489	794	-38.5
New York	2,248	2,384	2,094	2,248	2,094	7.3
Pennsylvania	10,847	10,749	10,622	10,847	10,622	2.1
East North Central Total	50,433	52,954	51,493	50,433	51,493	-2.1
Illinois	8,949	10,377	10,107	8,949	10,107	-11.5
Indiana	13,403	14,656	14,167	13,403	14,167	-5.4
Michigan	8,415	8,300	7,889	8,415	7,889	6.7
Ohio	14,139	13,849	13,418	14,139	13,418	5.4
Wisconsin	5,527	5,772	5,911	5,527	5,911	-6.5
West North Central Total	32,404	31,452	31,404	32,404	31,404	3.2
Iowa	4,971	4,631	4,727	4,971	4,727	5.2
Kansas	4,370	4,163	4,438	4,370	4,438	-1.5
Minnesota	4,600	4,766	4,712	4,600	4,712	-2.4
Missouri	8,887	8,711	8,385	8,887	8,385	6.0
Nebraska	2,730	2,419	2,825	2,730	2,825	-3.4
North Dakota	6,327	6,234	5,850	6,327	5,850	8.2
South Dakota	519	529	466	519	466	11.2
South Atlantic Total	35,978	39,772	36,072	35,978	36,072	-3
Delaware	374	374	434	374	434	-13.7
District of Columbia	-	-	-	-	-	-
Florida	6,202	6,671	6,292	6,202	6,292	-1.4
Georgia	6,264	7,624	6,434	6,264	6,434	-2.6
Maryland	2,715	2,508	2,644	2,715	2,644	2.7
North Carolina	5,934	7,350	6,189	5,934	6,189	-4.1
South Carolina	2,826	3,311	2,558	2,826	2,558	10.5
Virginia	3,041	2,959	2,786	3,041	2,786	9.2
West Virginia	8,622	8,974	8,737	8,622	8,737	-1.3
East South Central Total	23,230	25,898	23,427	23,230	23,427	-.8
Alabama	6,869	8,255	6,816	6,869	6,816	.8
Kentucky	9,128	9,778	9,314	9,128	9,314	-2.0
Mississippi	1,225	1,501	1,318	1,225	1,318	-7.1
Tennessee	6,008	6,363	5,979	6,008	5,979	.5
West South Central Total	33,646	34,438	34,568	33,646	34,568	-2.7
Arkansas	3,085	2,772	3,372	3,085	3,372	-8.5
Louisiana	3,265	3,401	3,109	3,265	3,109	5.0
Oklahoma	4,991	4,927	4,970	4,991	4,970	.4
Texas	22,305	23,337	23,117	22,305	23,117	-3.5
Mountain Total	27,432	28,075	25,408	27,432	25,408	8.0
Arizona	4,120	4,741	3,754	4,120	3,754	9.7
Colorado	4,317	4,605	3,966	4,317	3,966	8.8
Idaho	-	-	-	-	-	-
Montana	2,641	2,692	2,182	2,641	2,182	21.0
Nevada	1,951	2,048	1,822	1,951	1,822	7.0
New Mexico	3,650	3,839	4,011	3,650	4,011	-9.0
Utah	3,738	3,723	3,561	3,738	3,561	5.0
Wyoming	7,015	6,427	6,112	7,015	6,112	14.8
Pacific Total	2,127	2,001	1,264	2,127	1,264	68.3
Alaska	88	63	70	88	70	25.8
California	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Oregon	522	498	47	522	47	NM
Washington	1,516	1,441	1,146	1,516	1,146	32.3
U.S. Total	220,498	230,509	219,015	220,498	219,015	.7

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, January-March 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	2,228	12	123	3	240	8	160	17	-33	-2	1,731	19
Connecticut.....	112	2	-7	-1	-33	-4	-449	-99	5	4	593	14
Maine.....	1,150	126	-	-	21	11	-	-	18	3	1,111	NM
Massachusetts.....	321	5	136	5	172	10	-106	-21	*	*	119	9
New Hampshire	-241	-6	-7	-1	60	25	-1	-96	30	9	-322	-13
Rhode Island	742	NM	*	-	22	NM	720	-	*	-	-	-
Vermont.....	144	12	-	-	-1	-49	-4	-100	-85	-30	230	25
Middle Atlantic	3,089	4	1,891	6	3,096	85	-3,777	-69	-295	-4	2,175	9
New Jersey	-3,354	-46	633	57	157	79	-221	-34	4	-18	-3,927	-74
New York.....	2,844	12	167	3	2,238	82	-3,206	-73	-251	-4	3,897	97
Pennsylvania.....	3,599	8	1,091	4	701	100	-350	-85	-48	-11	2,205	14
East North Central	6,489	5	6,729	7	272	78	-515	-49	-176	-22	147	*
Illinois.....	1,159	3	666	4	213	235	-411	-69	-6	-53	678	3
Indiana.....	809	3	881	3	17	43	-51	-38	-38	-32	-	-
Michigan.....	1,388	6	432	3	-1	-1	-38	-18	-66	-34	1,062	17
Ohio.....	1,722	5	3,619	12	31	58	-14	-39	4	7	-1,919	-44
Wisconsin.....	1,411	12	1,131	13	12	36	-1	-1	-70	-16	326	12
West North Central	3,483	6	4,009	9	-54	-17	-165	-31	163	6	-478	-5
Iowa.....	789	10	330	5	1	18	7	29	14	6	436	66
Kansas.....	-261	-3	1,269	20	53	360	-41	-17	-	-	-1,542	-66
Minnesota.....	-458	-4	468	7	-4	-3	-46	-40	35	20	-910	-26
Missouri.....	1,097	7	1,407	11	-125	-81	-84	-74	-382	-80	270	12
Nebraska.....	1,507	27	140	3	*	7	-1	-3	100	43	1,267	103
North Dakota.....	463	6	360	5	19	149	*	*	84	17	-	-
South Dakota.....	348	19	35	4	2	284	*	-112	312	31	-	-
South Atlantic	10,134	7	9,988	13	2,860	62	-1,676	-22	427	9	-1,464	-3
Delaware.....	-223	-10	-257	-21	272	103	-238	-32	-	-	-	-
District of Columbia.....	32	187	-	-	32	187	-	-	-	-	-	-
Florida.....	2,556	8	2,284	16	2,388	73	-654	-11	-6	-10	-1,456	-19
Georgia.....	-1,040	-4	-1,231	-8	116	443	-7	-45	204	13	-123	-2
Maryland.....	1,916	18	1,613	26	149	30	-169	-91	119	22	204	6
North Carolina	1,517	7	3,129	27	60	143	-2	-30	126	9	-1,796	-19
South Carolina	1,864	10	1,097	19	27	192	-66	-98	-99	-8	905	7
Virginia.....	816	6	676	10	-195	-42	-540	-72	73	67	802	14
West Virginia.....	2,697	13	2,676	13	12	28	-1	-17	10	7	-	-
East South Central	10,438	15	6,626	13	956	NM	-1,302	-68	1,340	19	2,818	23
Alabama.....	6,908	31	3,543	26	49	140	-46	-58	885	25	2,476	47
Kentucky.....	2,474	12	2,394	12	14	37	12	71	54	6	-	-
Mississippi.....	-109	-2	110	5	871	NM	-1,271	-70	-	-	182	7
Tennessee.....	1,165	6	579	4	22	49	3	-	401	16	160	4
West South Central	4,350	5	6,858	16	652	NM	-2,067	-7	-1,628	-70	536	4
Arkansas.....	2,237	27	1,393	30	46	NM	-65	-29	-763	-68	1,625	76
Louisiana.....	-1,943	-14	-16	*	200	NM	-1,258	-23	-	-	-870	-20
Oklahoma.....	-172	-2	692	9	43	NM	-378	-14	-529	-75	-	-
Texas.....	4,229	8	4,789	18	362	NM	-367	-2	-336	-69	-219	-3
Mountain	-1,125	-2	-5,961	-13	-11	-18	-553	-26	4,398	69	1,004	16
Arizona.....	-604	-4	-2,103	-27	-3	-21	-75	-28	574	32	1,004	16
Colorado.....	-125	-2	-40	-1	3	386	-18	-24	-70	-20	-	-
Idaho.....	2,019	123	-	-	*	-87	-	-	2,019	123	-	-
Montana.....	-469	-7	-2,023	-45	*	8	6	275	1,548	79	-	-
Nevada.....	134	3	20	1	-10	-87	-30	-4	154	50	-	-
New Mexico.....	-1,315	-18	-1,051	-17	3	63	-246	-34	-21	-29	-	-
Utah.....	-235	-3	-122	-2	-2	-14	-188	-86	76	56	-	-
Wyoming.....	-529	-5	-642	-6	-3	-17	-1	-42	117	157	-	-
Pacific	6,942	11	103	7	-1	*	-5,238	-51	11,210	27	795	8
California.....	-3,283	-11	-	-	-1	*	-4,493	-47	-275	-2	1,456	19
Oregon.....	1,699	14	-352	-105	*	10	-653	-100	2,704	25	-	-
Washington.....	8,526	36	455	39	*	3	-92	-87	8,781	44	-660	-31
Pacific Noncontiguous	-144	-5	-1	-1	-144	-9	82	12	-80	-24	-	-
Alaska.....	-104	-8	-1	-1	-102	-54	82	12	-83	-25	-	-
Hawaii.....	-40	-3	-	-	-42	-3	-	-	2	156	-	-
Total	45,885	6	30,363	8	7,865	55	-15,052	-25	15,325	21	7,263	4

* 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 and State
(Thousand Short Tons)

Census Division and State	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	w	w	w	w	w	w
New Jersey.....	-	-	-	-	-	-
New York.....	w	w	w	w	w	w
Pennsylvania.....	2,359	2,638	2,574	2,359	2,574	-8.4
East North Central Total	2,423	2,485	2,817	2,423	2,817	-14.0
Illinois.....	w	w	w	w	w	w
Indiana.....	1,358	1,402	1,415	1,358	1,415	-4.0
Michigan.....	w	w	w	w	w	w
Ohio.....	454	467	459	454	459	-1.2
Wisconsin.....	-	-	-	-	-	-
West North Central Total	-	-	-	-	-	-
Iowa.....	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-
Minnesota.....	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-
South Atlantic Total	w	w	w	w	w	w
Delaware.....	-	-	-	-	-	-
District of Columbia.....	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-
Maryland.....	w	w	w	w	w	w
North Carolina.....	-	-	-	-	-	-
South Carolina.....	-	-	-	-	-	-
Virginia.....	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w
East South Central Total	w	w	w	w	w	w
Alabama.....	605	623	778	605	778	-22.2
Kentucky.....	w	w	w	w	w	w
Mississippi.....	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-
West South Central Total	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-
Oklahoma.....	-	-	-	-	-	-
Texas.....	-	-	-	-	-	-
Mountain Total	w	w	w	w	w	w
Arizona.....	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-
Montana.....	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-
Utah.....	w	w	w	w	w	w
Wyoming.....	-	-	-	-	-	-
Pacific Total	-	-	-	-	-	-
Alaska.....	-	-	-	-	-	-
California.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Oregon.....	-	-	-	-	-	-
Washington.....	-	-	-	-	-	-
By Plant Type						
Merchant Coke Plants.....	852	848	1,004	852	1,004	-15.1
Furnace Coke Plants.....	6,086	6,300	6,586	6,086	6,586	-7.6
U.S. Total	6,938	7,148	7,590	6,938	7,590	-8.6

^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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	52	67	w	67	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	-	-	27	-	-
Middle Atlantic Total	1,515	w	w	1,515	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	342	363	w	363	w
Pennsylvania.....	1,117	1,184	1,106	1,117	1,106	1.0
East North Central Total	4,433	4,407	4,530	4,433	4,530	-2.2
Illinois.....	1,048	1,025	1,012	1,048	1,012	3.6
Indiana.....	1,255	1,308	1,278	1,255	1,278	-1.8
Michigan.....	645	655	694	645	694	-7.1
Ohio.....	1,010	969	1,058	1,010	1,058	-4.5
Wisconsin.....	475	449	489	475	489	-2.7
West North Central Total	3,466	3,530	3,448	3,466	3,448	.5
Iowa.....	762	775	820	762	820	-7.1
Kansas.....	32	32	38	32	38	-15.8
Minnesota.....	481	436	451	481	451	6.7
Missouri.....	324	306	310	324	310	4.8
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	100	117	105	100	105	-4.7
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	298	349	335	298	335	-11.2
Georgia.....	548	543	530	548	530	3.4
Maryland.....	192	198	198	192	198	-3.1
North Carolina.....	545	560	611	545	611	-10.7
South Carolina.....	506	519	524	506	524	-3.4
Virginia.....	659	634	681	659	681	-3.1
West Virginia.....	410	447	425	410	425	-3.6
East South Central Total	w	w	w	w	w	w
Alabama.....	697	677	643	697	643	8.3
Kentucky.....	494	561	589	494	589	-16.1
Mississippi.....	w	w	w	w	w	w
Tennessee.....	919	912	954	919	954	-3.6
West South Central Total	1,454	1,464	1,444	1,454	1,444	.7
Arkansas.....	69	56	90	69	90	-23.2
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,189	1,240	1,147	1,189	1,147	3.7
Mountain Total	1,198	1,281	1,178	1,198	1,178	1.8
Arizona.....	163	180	187	163	187	-12.7
Colorado.....	178	195	196	178	196	-9.2
Idaho.....	137	w	w	137	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.....	140	99	66	140	66	112.0
Wyoming.....	491	533	480	491	480	2.4
Pacific Total	692	623	612	692	612	13.1
Alaska.....	w	w	w	w	w	w
California.....	600	489	496	600	496	20.9
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	34	41	w	41	w
U.S. Total	18,192	18,402	18,351	18,192	18,351	-9

^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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
11 Food and kindred products	2,219	2,327	2,212	2,219	2,212	0.3
12 Tobacco Products	146	130	11	146	11	NM
13 Textile Mill Products	275	254	3,577	275	3,577	-92.3
15 Apparel, Other Textile Products	w	w	w	w	w	w
16 Leather, leather products.....	-	w	w	-	w	-
21 Lumber and Wood Products	w	w	w	w	w	w
22 Paper and Allied Products	3,407	3,441	61	3,407	61	NM
23 Printing and Publishing.....	-	-	-	-	-	-
24 Petroleum and Coal Products ¹	w	1,779	1,687	w	1,687	w
25 Chemicals, Allied Products.....	3,219	3,286	3,372	3,219	3,372	-4.5
26 Rubber, Misc. Plastic Products.....	50	48	61	50	61	-17.5
27 Stone, clay, glass products.....	w	w	w	w	w	w
31 Primary metal industries ²	w	2,140	154	w	154	w
32 Fabricated Metal Products	75	68	193	75	193	-61.0
33 Machinery, except Electric	119	104	20	119	20	488.1
34 Computer, Electronic Products	w	w	w	w	w	w
35 Elec. Equip., Appl., Components	w	w	w	w	w	w
36 Transportation Equipment.....	255	215	32	255	32	NM
37 Furniture and Fixtures.....	w	w	w	w	w	w
39 Misc. Manufacturing Industries.....	w	w	w	w	w	w
U.S. Total.....	16,989	17,372	17,321	16,989	17,321	-1.9

¹ Includes coal gasification projects.

² Excludes coke plants.

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

w Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
New England Total	17	15	15	17	15	7.5
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	386	451	451	386	451	-14.6
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	298	373	373	298	373	-20.1
East North Central Total	472	411	411	472	411	14.9
Illinois.....	w	w	w	w	w	w
Indiana.....	107	119	119	107	119	-9.9
Michigan.....	w	w	w	w	w	w
Ohio.....	197	99	99	197	99	99.5
Wisconsin.....	w	w	w	w	w	w
West North Central Total	w	w	w	w	w	w
Iowa.....	67	112	112	67	112	-40.6
Kansas.....	23	1	1	23	1	NM
Minnesota.....	47	32	32	47	32	47.9
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	241	180	180	241	180	34.0
Delaware.....	w	w	w	w	w	w
District of Columbia.....	7	12	12	7	12	-41.9
Florida.....	*	*	*	*	*	.0
Georgia.....	1	5	5	1	5	-81.5
Maryland.....	w	w	w	w	w	w
North Carolina.....	62	58	58	62	58	7.0
South Carolina.....	6	*	*	6	*	NM
Virginia.....	w	w	w	w	w	w
West Virginia.....	w	w	w	w	w	w
East South Central Total	82	167	167	82	167	-51.2
Alabama.....	13	22	22	13	22	-39.5
Kentucky.....	w	w	w	w	w	w
Mississippi.....	w	w	w	w	w	w
Tennessee.....	w	w	w	w	w	w
West South Central Total	1	87	87	1	87	-99.2
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.....	*	*	*	*	*	-6.8
Colorado.....	4	19	19	4	19	-79.4
Idaho.....	8	9	9	8	9	-6.7
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.....	114	42	42	114	42	171.6
Pacific Total	202	190	190	202	190	6.5
Alaska.....	142	151	151	142	151	-5.7
California.....	53	33	33	53	33	63.1
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	7	6	6	7	6	8.4
U.S. Total	1,802	1,939	1,939	1,802	1,939	-7.1

* Rounded to zero.

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

w Withheld to avoid disclosure of individual company data.

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

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

Stocks

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	113,617	2,372	4,572	120,562	37,544	158,105
June 30	122,003	2,050	4,751	128,804	42,529	171,332
September 30	103,038	2,375	5,338	110,751	39,111	149,862
December 31	98,826	2,414	5,597	106,837	33,973	140,810
1998 March 31	107,540	1,986	4,588	114,114	40,994	155,108

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

² Manufacturing plants only.

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

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

Table 46. Consumer Coal Stocks by Census Division and State, March 31, 1998
(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial ¹	Total
New England Total	982	—	55	1,037
Connecticut.....	135	—	w	w
Maine.....	—	—	w	w
Massachusetts.....	567	—	w	w
New Hampshire.....	280	—	w	w
Rhode Island.....	—	—	w	w
Vermont.....	—	—	w	w
Middle Atlantic Total	9,196	w	w	w
New Jersey.....	588	—	w	w
New York.....	719	w	123	w
Pennsylvania.....	7,890	540	170	8,600
East North Central Total	29,077	936	1,353	31,366
Illinois.....	5,819	w	210	w
Indiana.....	6,814	431	296	7,541
Michigan.....	7,243	w	474	w
Ohio.....	5,598	74	178	5,851
Wisconsin.....	3,603	—	194	3,796
West North Central Total	14,419	—	676	15,095
Iowa.....	1,941	—	317	2,258
Kansas.....	2,660	—	17	2,677
Minnesota.....	1,921	—	119	2,040
Missouri.....	4,133	—	151	4,284
Nebraska.....	1,794	—	w	w
North Dakota.....	1,769	—	w	w
South Dakota.....	200	—	w	w
South Atlantic Total	20,142	w	w	w
Delaware.....	346	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	4,004	—	103	4,107
Georgia.....	3,638	—	145	3,783
Maryland.....	1,202	w	14	w
North Carolina.....	3,314	—	131	3,445
South Carolina.....	2,242	—	181	2,423
Virginia.....	1,067	w	133	w
West Virginia.....	4,329	w	121	w
East South Central Total	11,373	w	w	w
Alabama.....	3,450	218	186	3,855
Kentucky.....	4,895	w	89	w
Mississippi.....	835	—	w	w
Tennessee.....	2,193	—	205	2,398
West South Central Total	12,215	—	318	12,533
Arkansas.....	919	—	21	940
Louisiana.....	1,601	—	17	1,618
Oklahoma.....	2,562	—	114	2,676
Texas.....	7,133	—	166	7,298
Mountain Total	9,471	w	243	w
Arizona.....	1,096	—	38	1,135
Colorado.....	2,604	—	20	2,624
Idaho.....	—	—	76	76
Montana.....	432	—	w	w
Nevada.....	1,043	—	w	w
New Mexico.....	811	—	w	w
Utah.....	2,353	w	3	w
Wyoming.....	1,132	—	85	1,217
Pacific Total	664	—	326	991
Alaska.....	—	—	—	—
California.....	—	—	210	210
Hawaii.....	—	—	w	w
Oregon.....	185	—	w	w
Washington.....	480	—	15	495
U.S. Total	107,540	1,986	4,588	114,114

¹ Manufacturing plants only.

w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding. Stock data for the Residential and Commercial sector are not available. See Technical Note 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	March 31, 1998	December 31, 1997	March 31, 1997	Percent Difference March 31: 1998 versus 1997
New England Total	982	754	1,130	-13.1
Connecticut.....	135	66	99	36.2
Maine.....	-	-	-	-
Massachusetts.....	567	389	646	-12.3
New Hampshire.....	280	298	385	-27.1
Rhode Island	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	9,196	9,175	9,683	-5.0
New Jersey.....	588	566	608	-3.3
New York.....	719	819	840	-14.4
Pennsylvania.....	7,890	7,790	8,236	-4.2
East North Central Total	29,077	28,051	26,777	8.6
Illinois.....	5,819	4,828	5,188	12.2
Indiana.....	6,814	5,822	6,413	6.3
Michigan.....	7,243	7,222	6,110	18.6
Ohio.....	5,598	6,066	5,353	4.6
Wisconsin.....	3,603	4,113	3,714	-3.0
West North Central Total	14,419	13,707	16,306	-11.6
Iowa.....	1,941	2,447	3,441	-43.6
Kansas.....	2,660	2,282	2,937	-9.4
Minnesota.....	1,921	1,737	1,646	16.7
Missouri.....	4,133	3,670	4,759	-13.2
Nebraska.....	1,794	1,596	1,717	4.5
North Dakota.....	1,769	1,755	1,666	6.2
South Dakota.....	200	219	139	44.0
South Atlantic Total	20,142	16,141	19,415	3.7
Delaware.....	346	319	299	15.7
District of Columbia	-	-	-	-
Florida.....	4,004	3,441	3,443	16.3
Georgia.....	3,638	2,279	3,751	-3.0
Maryland.....	1,202	1,188	1,290	-6.9
North Carolina.....	3,314	1,912	3,131	5.8
South Carolina.....	2,242	1,809	2,375	-5.6
Virginia.....	1,067	1,152	983	8.6
West Virginia.....	4,329	4,042	4,144	4.5
East South Central Total	11,373	9,329	8,859	28.4
Alabama.....	3,450	2,609	3,529	-2.2
Kentucky.....	4,895	4,475	3,597	36.1
Mississippi.....	835	614	686	21.7
Tennessee.....	2,193	1,630	1,046	109.6
West South Central Total	12,215	11,050	19,386	-37.0
Arkansas.....	919	934	2,603	-64.7
Louisiana.....	1,601	1,248	2,440	-34.4
Oklahoma.....	2,562	2,516	3,643	-29.7
Texas.....	7,133	6,352	10,700	-33.3
Mountain Total	9,471	9,667	11,144	-15.0
Arizona.....	1,096	1,386	1,758	-37.7
Colorado.....	2,604	2,458	2,845	-8.5
Idaho.....	-	-	-	-
Montana.....	432	410	564	-23.4
Nevada.....	1,043	812	1,094	-4.6
New Mexico.....	811	795	834	-2.8
Utah.....	2,353	2,309	1,969	19.5
Wyoming.....	1,132	1,498	2,079	-45.6
Pacific Total	664	952	918	-27.6
Alaska.....	-	*	1	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	185	83	297	-37.9
Washington.....	480	868	620	-22.6
U.S. Total	107,540	98,826	113,617	-5.3

* 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 and State
(Thousand Short Tons)

Census Division and State	March 31, 1998	December 31, 1997	March 31, 1997	Percent Difference March 31: 1998 versus 1997
New England Total	-	-	-	-
Connecticut.....	-	-	-	-
Maine.....	-	-	-	-
Massachusetts.....	-	-	-	-
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	w	w	w	w
New Jersey.....	-	-	-	-
New York.....	w	w	w	w
Pennsylvania.....	540	648	800	-32.5
East North Central Total	936	1,254	946	-1.1
Illinois.....	w	w	w	w
Indiana.....	431	442	488	-11.8
Michigan.....	w	w	w	w
Ohio.....	74	87	77	-4.2
Wisconsin.....	-	-	-	-
West North Central Total	-	-	-	-
Iowa.....	-	-	-	-
Kansas.....	-	-	-	-
Minnesota.....	-	-	-	-
Missouri.....	-	-	-	-
Nebraska.....	-	-	-	-
North Dakota.....	-	-	-	-
South Dakota.....	-	-	-	-
South Atlantic Total	w	w	w	w
Delaware.....	-	-	-	-
District of Columbia.....	-	-	-	-
Florida.....	-	-	-	-
Georgia.....	-	-	-	-
Maryland.....	w	w	w	w
North Carolina.....	-	-	-	-
South Carolina.....	-	-	-	-
Virginia.....	w	w	w	w
West Virginia.....	w	w	w	w
East South Central Total	w	w	w	w
Alabama.....	218	188	217	.4
Kentucky.....	w	w	w	w
Mississippi.....	-	-	-	-
Tennessee.....	-	-	-	-
West South Central Total	-	-	-	-
Arkansas.....	-	-	-	-
Louisiana.....	-	-	-	-
Oklahoma.....	-	-	-	-
Texas.....	-	-	-	-
Mountain Total	w	w	w	w
Arizona.....	-	-	-	-
Colorado.....	-	-	-	-
Idaho.....	-	-	-	-
Montana.....	-	-	-	-
Nevada.....	-	-	-	-
New Mexico.....	-	-	-	-
Utah.....	w	w	w	w
Wyoming.....	-	-	-	-
Pacific Total	-	-	-	-
Alaska.....	-	-	-	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	-	-	-	-
Washington.....	-	-	-	-
By Plant Type				
Merchant Coke Plants.....	228	193	225	1.4
Furnace Coke Plants.....	1,758	2,221	2,147	-18.1
U.S. Total	1,986	2,414	2,372	-16.3

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

Census Division and State	March 31, 1998	December 31, 1997	March 31, 1997	Percent Difference March 31: 1998 versus 1997
New England Total	w	62	42	w
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	294	w	w	w
New Jersey.....	w	w	w	w
New York.....	w	255	105	w
Pennsylvania.....	170	220	166	2.8
East North Central Total	1,353	1,926	1,235	9.6
Illinois.....	210	237	237	-11.4
Indiana.....	296	379	294	.8
Michigan.....	474	825	378	25.6
Ohio.....	178	170	170	5.2
Wisconsin.....	194	314	157	23.9
West North Central Total	676	1,126	900	-25.0
Iowa.....	317	497	369	-14.1
Kansas.....	17	16	15	11.0
Minnesota.....	119	257	188	-36.4
Missouri.....	151	182	186	-18.6
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	21	24	18	16.3
South Atlantic Total	w	w	w	w
Delaware.....	w	w	w	w
District of Columbia.....	-	-	-	-
Florida.....	103	67	90	14.3
Georgia.....	145	128	143	1.3
Maryland.....	14	16	25	-45.0
North Carolina.....	131	112	152	-13.8
South Carolina.....	181	212	211	-14.1
Virginia.....	133	149	136	-1.8
West Virginia.....	121	116	134	-9.6
East South Central Total	w	w	w	w
Alabama.....	186	174	137	36.3
Kentucky.....	89	86	69	29.6
Mississippi.....	w	w	w	w
Tennessee.....	205	196	220	-7.0
West South Central Total	318	294	365	-12.9
Arkansas.....	21	20	20	2.1
Louisiana.....	w	w	w	w
Oklahoma.....	w	w	w	w
Texas.....	166	188	194	-14.4
Mountain Total	243	228	216	12.3
Arizona.....	38	28	34	14.4
Colorado.....	20	18	24	-13.8
Idaho.....	76	w	w	w
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	3	3	4	-30.7
Wyoming.....	85	57	80	6.7
Pacific Total	326	212	207	57.9
Alaska.....	w	w	w	w
California.....	210	118	128	63.8
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	14	20	w
U.S. Total	4,588	5,597	4,572	.3

^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	March 31, 1998	December 31, 1997	March 31, 1997	Percent Difference March 31: 1998 versus 1997
11 Food and kindred products.....	585	731	593	-1.3
12 Tobacco Products	27	32	11	148.0
13 Textile Mill Products.....	105	118	901	-88.4
15 Apparel, Other Textile Products	w	w	w	w
16 Leather, leather products	-	w	w	w
21 Lumber and Wood Products	w	w	w	w
22 Paper and Allied Products.....	932	1,081	14	NM
23 Printing and Publishing	-	-	-	-
24 Petroleum and Coal Products ¹	w	118	80	w
25 Chemicals, Allied Products.....	766	811	838	-8.6
26 Rubber, Misc. Plastic Products	6	8	14	-57.2
27 Stone, clay, glass products	w	w	w	w
31 Primary metal industries ²	w	833	33	w
32 Fabricated Metal Products.....	42	36	40	5.5
33 Machinery, except Electric.....	42	71	6	NM
34 Computer, Electronic Products	w	w	w	w
35 Elec. Equip., Appl., Components.....	w	w	w	w
36 Transportation Equipment	61	77	6	NM
37 Furniture and Fixtures	w	w	w	w
39 Misc. Manufacturing Industries	w	w	w	w
U.S. Total	4,588	5,597	4,572	.3

¹ Includes coal gasification projects.

² Excludes coke plants.

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

w Withheld to avoid disclosure of individual company data.

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

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

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

	March 31, 1998	December 31, 1997	March 31, 1997	Percent Difference March 31: 1998 versus 1997
Coke Total.....	1,110	1,320	1,365	-18.7
By State				
Alabama	96	101	163	-41.0
Illinois.....	w	w	w	w
Indiana.....	302	318	272	11.2
Kentucky	w	w	w	w
Michigan.....	w	w	w	w
New York.....	w	w	w	w
Ohio.....	47	76	49	-3.5
Pennsylvania.....	155	117	165	-6.3
Utah.....	w	w	w	w
Virginia.....	w	w	w	w
West Virginia.....	w	w	w	w
By Plant Type				
Merchant Coke Plants.....	96	79	190	-49.6
Furnace Coke Plants.....	1,014	1,241	1,175	-13.7
Breeze Total.....	165	141	144	14.5

w Withheld to avoid disclosure of individual company data.

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

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

Appendix A

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

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

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
Total	32	131	659	246	–	767	5	1,839
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
Total	31.35	33.66	33.01	38.77	–	32.36	42.03	33.54

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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	1,838,994	2,225,649	1,331,390	1,838,994	1,331,390	38.1
Exporting Country: Australia						
Honolulu, HI.....	31,523	31,052	54,151	31,523	54,151	-41.8
Total	31,523	31,052	54,151	31,523	54,151	-41.8
Exporting Country: Canada						
Chicago, IL.....	-	123,466	-	-	-	-
Detroit, MI.....	34,814	162,299	5,471	34,814	5,471	NM
Duluth, MN.....	-	-	416	-	416	-
Great Falls, MT.....	-	1	-	-	-	-
Pembina, ND.....	69,514	96,101	147,200	69,514	147,200	-52.8
Buffalo, NY.....	-	22	-	-	-	-
Seattle, WA.....	27,131	23,831	27,427	27,131	27,427	-1.1
Total	131,459	405,720	180,514	131,459	180,514	-27.2
Exporting Country: Colombia						
Mobile, AL.....	-	61,968	63,890	-	63,890	-
Tampa, FL.....	343,005	298,169	138,899	343,005	138,899	146.9
Boston, MA.....	204,700	105,816	199,051	204,700	199,051	2.8
Portland, ME.....	-	-	28,532	-	28,532	-
New York City, NY.....	77,571	55,797	34,101	77,571	34,101	127.5
San Juan, PR.....	27,293	27,668	28,014	27,293	28,014	-2.6
Houston-Galveston, TX.....	6,068	122,284	-	6,068	-	-
Virgin Islands.....	-	36,172	-	-	-	-
Total	658,637	707,874	492,487	658,637	492,487	33.7
Exporting Country: Indonesia						
Honolulu, HI.....	171,811	173,876	176,897	171,811	176,897	-2.9
New Orleans, LA.....	73,836	234,276	218,809	73,836	218,809	-66.3
Portland, ME.....	-	40,771	-	-	-	-
Total	245,647	448,923	395,706	245,647	395,706	-37.9
Exporting Country: Venezuela						
Mobile, AL.....	97,266	-	-	97,266	-	-
Miami, FL.....	45,288	38,591	-	45,288	-	-
Savannah, GA.....	76,061	16,750	25,800	76,061	25,800	194.8
New Orleans, LA.....	79,765	58,643	-	79,765	-	-
Boston, MA.....	261,219	250,243	27,828	261,219	27,828	NM
Portland, ME.....	34,681	105,298	58,178	34,681	58,178	-40.4
New York City, NY.....	79,796	108,245	35,268	79,796	35,268	126.3
Philadelphia, PA.....	64,354	12,190	-	64,354	-	-
San Juan, PR.....	28,385	32,746	-	28,385	-	-
Total	766,815	622,706	147,074	766,815	147,074	421.4
Other Exporting Countries						
Los Angeles, CA.....	-	-	149	-	149	-
New Orleans, LA.....	-	-	41,005	-	41,005	-
Boston, MA.....	-	201	-	-	-	-
Buffalo, NY.....	1,847	1,144	1,238	1,847	1,238	49.2
New York City, NY.....	25	11	-	25	-	-
Portland, OR.....	-	6,942	6,589	-	6,589	-
San Juan, PR.....	2,226	-	-	2,226	-	-
Houston-Galveston, TX.....	-	-	12,124	-	12,124	-
Laredo, TX.....	-	-	353	-	353	-
Milwaukee, WI.....	815	1,076	-	815	-	-
Total	4,913	9,374	61,458	4,913	61,458	-92.0

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

Customs District	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
Total	\$33.54	\$33.64	\$31.32	\$33.54	\$31.32	7.1
Exporting Country: Australia						
Honolulu, HI	\$31.35	\$31.45	\$33.80	\$31.35	\$33.80	-7.2
Total	31.35	31.45	33.80	31.35	33.80	-7.2
Exporting Country: Canada						
Chicago, IL	-	\$46.88	-	-	-	-
Detroit, MI	\$42.12	43.33	\$21.66	\$42.12	\$21.66	94.5
Duluth, MN	-	-	40.19	-	40.19	-
Pembina, ND	30.00	23.79	26.70	30.00	26.70	12.3
Seattle, WA	30.35	29.61	28.57	30.35	28.57	6.2
Total	33.66	38.18	26.87	33.66	26.87	25.3
Exporting Country: Colombia						
Mobile, AL	-	\$28.98	\$29.17	-	\$29.17	-
Tampa, FL	\$31.52	31.91	31.85	\$31.52	31.85	-1.0
Boston, MA	34.66	32.23	32.53	34.66	32.53	6.6
Portland, ME	-	-	23.59	-	23.59	-
New York City, NY	33.50	34.95	36.84	33.50	36.84	-9.1
San Juan, PR	37.52	32.93	37.78	37.52	37.78	-7
Houston-Galveston, TX	34.47	28.07	-	34.47	-	-
Virgin Islands	-	29.03	-	-	-	-
Total	33.01	31.17	31.98	33.01	31.98	3.2
Exporting Country: Indonesia						
Honolulu, HI	\$45.37	\$44.63	\$43.13	\$45.37	\$43.13	5.2
New Orleans, LA	23.41	23.41	22.68	23.41	22.68	3.2
Portland, ME	-	37.00	-	-	-	-
Total	38.77	32.86	31.82	38.77	31.82	21.8
Exporting Country: Venezuela						
Mobile, AL	\$28.45	-	-	\$28.45	-	-
Miami, FL	36.30	\$37.60	-	36.30	-	-
Savannah, GA	22.45	20.39	\$20.39	22.45	\$20.39	10.1
New Orleans, LA	27.22	27.99	-	27.22	-	-
Boston, MA	37.18	38.15	32.95	37.18	32.95	12.8
Portland, ME	36.36	32.79	33.06	36.36	33.06	10.0
New York City, NY	33.57	32.34	36.48	33.57	36.48	-8.0
Philadelphia, PA	31.49	30.78	-	31.49	-	-
San Juan, PR	29.94	37.16	-	29.94	-	-
Total	32.36	34.57	31.64	32.36	31.64	2.3
Other Exporting Countries						
Boston, MA	-	\$41.20	-	-	-	-
Portland, OR	-	49.45	-	-	-	-
San Juan, PR	\$42.03	-	-	\$42.03	-	-
Total	42.03	49.22	-	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	January - March 1998	October - December 1997	January - March 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	1,418,240	1,396,712	723,948	1,418,240	723,948	95.9
Exporting Country: Canada						
Takoma Dept. of Public Utilities, Steam No.2	-	-	4,370	-	4,370	-
Total	-	-	4,370	-	4,370	-
Exporting Country: Colombia						
Central Hudson Gas & Electric, Danskammer	34,800	80,250	-	34,800	-	-
Central Power and Light (CSW), Coletto Creek	-	26,044	-	-	-	-
City Public Service, San Antonio JT						
Deely/Spruce	24,000	73,000	-	24,000	-	-
Jacksonville Electric Authority, St Johns River	359,270	388,270	138,920	359,270	138,920	158.6
New England Power (NEES), Brayton Point.....	151,400	121,800	112,100	151,400	112,100	35.1
New England Power (NEES), Salem Harbor.....	76,700	36,700	85,600	76,700	85,600	-10.4
Public Serv Co of New Hampshire, Schiller	34,680	35,360	-	34,680	-	-
Total	680,850	761,424	336,620	680,850	336,620	102.3
Exporting Country: Indonesia						
Public Serv Co of New Hampshire, Merrimack	-	40,771	-	-	-	-
Tampa Electric, Davant Transfer.....	73,835	234,274	218,807	73,835	218,807	-66.3
Total	73,835	275,045	218,807	73,835	218,807	-66.3
Exporting Country: Venezuela						
Central Hudson Gas & Electric, Danskammer	122,600	91,250	69,400	122,600	69,400	76.7
Florida Power Corp, IMT Transfer.....	61,217	-	-	61,217	-	-
Gulf Power, Crist.....	54,180	-	-	54,180	-	-
Mississippi Power (Southern Co), Watson.....	13,600	-	-	13,600	-	-
New England Power (NEES), Brayton Point.....	119,200	70,100	27,800	119,200	27,800	328.8
New England Power (NEES), Salem Harbor.....	100,900	90,400	-	100,900	-	-
Public Serv Co of New Hampshire, Schiller	73,906	-	28,532	73,906	28,532	159.0
Public Serv Electric & Gas Co, Mercer	39,000	-	-	39,000	-	-
Savannah Electric and Power, Port Wentworth	78,952	49,850	38,419	78,952	38,419	105.5
Tampa Electric, Davant Transfer.....	-	58,643	-	-	-	-
Total	663,555	360,243	164,151	663,555	164,151	304.2

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, 1991-1998

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
Total	122.6	13,311	.59	7.02	169.8	45.21
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
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
1997						
October - December.....	26.0	11,665	.47	6.00	173.2	40.41
Total	26.0	11,665	.47	6.00	173.2	40.41
Venezuela						
1992.....	42.5	13,214	.66	7.20	175.8	46.46

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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: 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
Total.....	61.2	12,976	.71	5.58	176.5	45.81
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
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
Total.....	54.2	12,741	.74	7.10	148.3	37.79
Company and Plant: Gulf Power, Scholtz						
Colombia 1993.....	7.5	12,170	0.62	7.50	164.4	40.01
Venezuela 1993.....	16.0	12,958	.58	6.10	170.6	44.20
Company and Plant: Gulf Power, Smith						
Colombia 1993.....	198.2	11,823	0.61	5.96	184.6	43.65
1994.....	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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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: 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						
1991.....	1,582.6	11,978	0.73	7.04	153.1	36.68
1992.....	1,418.6	11,897	.71	6.91	150.0	35.70
1993.....	2,291.2	11,849	.68	7.21	136.9	32.44
1994.....	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
Total	359.3	11,802	.65	7.13	149.0	35.16
Venezuela						
1991.....	42.2	12,913	.56	8.90	126.9	32.77
Company and Plant: Mississippi Power (Southern Co), Daniel						
Indonesia						
1993.....	67.5	9,745	0.08	1.23	168.9	32.92
Company and Plant: Mississippi Power (Southern Co), Watson						
Venezuela						
1998						
January - March.....	13.6	12,312	0.71	5.20	154.1	37.95
Total	13.6	12,312	.71	5.20	154.1	37.95
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
Total	151.4	12,123	.64	6.25	162.3	39.36
Venezuela						
1991.....	83.7	13,390	.77	7.55	167.3	44.81
1992.....	129.0	13,375	.75	7.32	165.2	44.18
1993.....	239.9	13,132	.71	7.83	162.5	42.67
1994.....	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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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						
Venezuela						
1997						
January - March.....	27.8	12,705	0.75	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
Total.....	119.2	13,270	.65	7.33	154.1	40.89
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
Total.....	76.7	12,117	.57	5.91	189.1	45.82
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
Total.....	100.9	13,000	.70	5.59	156.8	40.77
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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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 Co of New Hampshire, Merrimack						
Indonesia						
1997						
October - December	40.8	12,300	0.49	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						
1991	207.1	12,989	.52	5.65	173.6	45.10
1992	34.3	12,881	.58	6.76	168.0	43.29
1993	84.3	12,972	.58	6.08	138.6	35.95
1995	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
Total	73.9	13,161	.65	5.20	148.9	39.20
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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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: Savannah Electric and Power, Port Wentworth						
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
Total	79.0	13,018	.67	5.50	152.4	39.68
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
Canada						
1991.....	26.9	9,994	0.46	12.76	209.2	41.82
1992.....	15.3	9,993	.42	12.95	214.7	42.90
1993.....	29.2	10,036	.48	12.60	179.5	36.03
1994.....	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, Big Bend²						
Indonesia						
1991.....	24.3	9,815	0.07	1.20	227.3	44.62
Company and Plant: Tampa Electric, Davant Transfer						
Colombia						
1993.....	222.2	10,844	0.62	7.63	166.6	36.13
Indonesia						
1994.....	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
Total	73.8	9,507	.38	1.10	163.3	31.05
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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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: United Illuminating Co, Bridgeport Harbor						
Venezuela						
1997						
July - September.....	35.0	13,387	0.64	4.30	169.6	45.41
Total.....	35.0	13,387	.64	4.30	169.6	45.41
Total of U.S. Electric Utility Plants						
Canada						
1991.....						
1991.....	26.9	9,994	0.46	12.76	209.2	41.82
1992.....	48.1	12,432	1.09	6.72	185.1	46.01
1993.....	29.2	10,036	.48	12.60	179.5	36.03
1994.....	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						
1991.....						
1991.....	1,582.6	11,978	.73	7.04	153.1	36.68
1992.....	1,504.1	11,938	.70	6.91	150.9	36.04
1993.....	3,585.1	11,867	.66	6.85	149.0	35.37
1994.....	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
Total.....	680.8	12,049	.63	6.61	160.8	38.74
Indonesia						
1991.....						
1991.....	24.3	9,815	.07	1.20	227.3	44.62
1992.....	13.1	9,587	.14	1.20	166.9	32.00
1993.....	115.8	10,620	.22	2.07	166.1	35.29
1994.....	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
Total.....	73.8	9,507	.38	1.10	163.3	31.05
South Africa						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1991.....						
1991.....	333.0	13,080	.59	6.54	166.2	43.47
1992.....	240.6	13,206	.69	7.18	164.6	43.49
1993.....	897.5	12,874	.67	6.96	166.4	42.84
1994.....	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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1991-1998 (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						
Venezuela						
1997						
January - March.....	164.2	12,530	0.93	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
Total.....	611.0	13,112	.66	6.29	158.6	41.59

¹ Data reported on quality of coal as received.

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

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

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

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1991-1998

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						
1991						
Kentucky	279.0	13,031	0.65	7.36	156.5	40.78
West Virginia.....	2,033.0	12,783	.70	9.45	155.1	39.66
Total	2,312.0	12,813	.70	9.20	155.3	39.80
1992						
Kentucky	215.0	12,922	.73	7.38	154.9	40.04
West Virginia.....	2,318.0	12,692	.68	9.92	153.4	38.93
Total	2,533.0	12,711	.68	9.70	153.5	39.03
1993						
Kentucky	841.0	12,940	.70	7.64	158.0	40.89
West Virginia.....	1,583.0	12,700	.67	9.65	154.4	39.21
Colombia.....	224.0	12,354	.64	6.32	149.8	37.02
Total	2,648.0	12,747	.68	8.73	155.2	39.56
1994						
Kentucky	664.0	12,992	.72	7.72	156.5	40.66
Virginia.....	1.0	12,354	.74	9.30	147.2	36.37
West Virginia.....	2,728.0	12,496	.67	10.90	148.9	37.21
Colombia.....	88.0	12,379	.66	7.36	147.3	36.46
Total	3,481.0	12,587	.68	10.20	150.3	37.85
1995						
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
Year to Date						
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
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
1991						
West Virginia.....	152.5	13,180	0.60	6.15	158.6	41.80
Wyoming.....	5,059.3	8,451	.41	5.20	152.8	25.82
Total	5,211.8	8,590	.42	5.23	153.0	26.29
1992						
Wyoming.....	5,343.7	8,368	.46	5.30	147.5	24.69
Total	5,343.7	8,368	.46	5.30	147.5	24.69
1993						
Wyoming.....	5,701.1	8,332	.43	5.27	151.9	25.31
Total	5,701.1	8,332	.43	5.27	151.9	25.31
1994						
Colorado.....	37.4	11,957	.45	8.01	156.4	37.40
Wyoming.....	5,588.0	8,442	.36	4.93	152.2	25.70
Indonesia.....	169.2	9,702	.10	1.20	166.8	32.36
Total	5,794.6	8,502	.35	4.84	152.8	25.97
1995						
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

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, 1991-1998 (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						
January - March						
Wyoming	1,545.8	8,457	0.44	5.34	145.2	24.56
Total	1,545.8	8,457	.44	5.34	145.2	24.56
Year to Date						
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
Company and Plant: Carolina Power and Light, Sutton						
1991						
Kentucky	141.8	12,770	1.00	9.02	192.4	49.13
West Virginia	338.2	12,403	.96	12.76	179.4	44.51
Total	480.0	12,512	.98	11.65	183.3	45.87
1992						
Kentucky	434.3	12,498	.94	9.57	152.9	38.22
West Virginia	332.4	12,354	.90	11.40	157.9	39.02
Total	766.7	12,436	.93	10.36	155.1	38.57
1993						
Kentucky	542.1	12,601	1.00	9.14	157.9	39.79
Virginia	44.9	12,693	1.13	10.10	177.5	45.06
West Virginia	36.5	12,301	.77	10.12	177.3	43.61
Total	623.5	12,590	1.00	9.27	160.4	40.39
1994						
Kentucky	373.4	12,646	1.12	9.29	159.5	40.34
Virginia	10.0	12,866	1.09	9.06	174.2	44.81
West Virginia	161.7	12,458	.88	11.77	170.7	42.54
Colombia	26.6	12,200	.70	9.00	145.5	35.50
Total	571.7	12,576	1.03	9.97	162.3	40.82
1995						
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
Year to Date						
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
Company and Plant: Central Hudson Gas & Electric, Danskammer						
1991						
Kentucky	375.7	13,223	0.54	7.50	205.8	54.41
West Virginia	498.3	12,889	.60	8.32	203.9	52.57
Total	874.0	13,032	.57	7.97	204.7	53.36
1992						
Kentucky	61.5	12,983	.64	6.62	185.4	48.13
West Virginia	819.9	13,021	.59	7.56	181.8	47.35
Total	881.4	13,018	.59	7.50	182.1	47.40
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

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, 1991-1998 (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						
1995						
Kentucky	308.8	12,859	0.59	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
1996						
Kentucky	462.4	12,822	.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
Year to Date						
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
Company and Plant: City Public Service, San Antonio JT Deely/Spruce						
1991						
Wyoming.....	3,930.8	8,398	0.34	5.82	126.6	21.27
Total	3,930.8	8,398	.34	5.82	126.6	21.27
1992						
Wyoming.....	3,542.9	8,489	.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
Year to Date						
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

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, 1991-1998 (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						
1991						
Colorado.....	1,733.6	10,753	0.38	5.99	207.6	44.64
Total	1,733.6	10,753	.38	5.99	207.6	44.64
1992						
Colorado.....	1,780.7	10,885	.39	6.32	205.0	44.63
Colombia.....	37.2	12,892	.62	7.90	174.5	44.99
Venezuela.....	42.5	13,214	.66	7.20	175.8	46.46
Total	1,860.4	10,978	.40	6.37	203.5	44.68
1993						
Colorado.....	1,778.0	10,577	.40	6.61	203.1	42.96
Colombia.....	122.5	12,109	.60	5.90	148.5	35.98
Total	1,900.5	10,676	.41	6.56	199.1	42.51
1994						
Colorado.....	1,664.9	10,760	.41	6.77	199.7	42.98
Colombia.....	153.4	11,929	.55	5.03	148.9	35.51
Total	1,818.3	10,858	.42	6.63	195.0	42.35
1995						
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
Year to Date						
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
Company and Plant: Delmarva Power & Light, Edgemoor						
1991						
Kentucky.....	52.0	12,821	0.84	8.53	174.3	44.69
Virginia.....	38.1	13,465	.87	7.79	196.7	52.97
West Virginia.....	416.4	13,272	.80	7.83	184.4	48.94
Total	506.4	13,240	.81	7.90	184.3	48.81
1992						
Virginia.....	90.2	13,101	.82	8.68	201.3	52.74
West Virginia.....	463.8	13,101	.79	8.64	180.0	47.16
Total	554.0	13,101	.80	8.65	183.4	48.06
1993						
Virginia.....	192.3	13,209	.86	8.00	200.3	52.90
West Virginia.....	250.2	13,171	.81	8.63	178.0	46.88
Total	442.5	13,188	.83	8.36	187.7	49.50
1994						
Kentucky.....	7.0	12,991	.57	6.53	165.3	42.95
Maryland.....	13.3	13,070	.74	6.23	168.2	43.97
Virginia.....	28.6	12,995	.88	8.72	164.7	42.80
West Virginia.....	604.3	13,074	.79	8.74	157.9	41.29
Colombia.....	22.0	12,370	.58	5.98	168.2	41.61
Total	675.2	13,046	.78	8.58	158.8	41.44
1995						
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

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, 1991-1998 (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						
1996						
Maryland	14.7	12,868	0.69	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
1997						
Pennsylvania	18.3	10,772	.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
Year to Date						
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
Company and Plant: Delmarva Power and Light, Indian River						
1991						
Maryland	15.1	13,150	1.59	10.50	141.0	37.08
Pennsylvania	389.5	12,999	1.43	9.21	167.3	43.49
Virginia	61.0	13,029	1.23	8.82	204.5	53.28
West Virginia	1,030.5	12,981	.84	8.80	178.2	46.26
Total	1,496.0	12,990	1.02	8.92	176.0	45.73
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

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, 1991-1998 (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						
January - March						
Kentucky.....	10.5	13,058	0.58	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
Year to Date						
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
Company and Plant: Detroit Edison Co, River Rouge						
1991						
Kentucky.....	55.0	12,585	0.87	7.75	204.4	51.46
West Virginia.....	892.0	12,566	.69	10.70	160.2	40.26
Wyoming.....	84.0	8,790	.28	4.82	110.3	19.39
Total.....	1,031.0	12,260	.66	10.06	159.7	39.16
1992						
Kentucky.....	62.0	12,795	.80	8.07	194.5	49.77
West Virginia.....	697.0	12,570	.68	11.04	156.1	39.24
Wyoming.....	209.0	8,720	.24	4.80	105.3	18.37
Total.....	968.0	11,753	.59	9.50	150.6	35.41
1993						
Colorado.....	11.0	11,620	.53	8.80	147.6	34.30
Kentucky.....	359.0	12,638	.87	8.49	175.7	44.42
Virginia.....	10.0	13,583	.81	5.40	200.3	54.41
West Virginia.....	479.0	12,457	.72	11.64	155.2	38.67
Wyoming.....	399.0	8,752	.25	4.91	104.0	18.21
Total.....	1,258.0	11,335	.61	8.53	149.6	33.91
1994						
Colorado.....	21.0	11,838	.48	8.38	146.2	34.61
Kentucky.....	246.0	12,658	.81	8.22	178.4	45.17
West Virginia.....	630.0	12,446	.72	11.76	161.8	40.28
Wyoming.....	317.0	8,784	.27	5.09	106.1	18.64
Canada.....	57.0	11,005	.23	10.28	149.9	32.99
Total.....	1,271.0	11,499	.60	9.29	154.0	35.41
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

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, 1991-1998 (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.....	47.0	12,930	0.83	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
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
Year to Date						
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
Company and Plant: Gulf Power, Crist						
1991						
Illinois.....	1,265.5	11,977	2.68	8.67	205.1	49.12
Kentucky.....	607.5	12,048	2.81	8.06	129.2	31.13
Total.....	1,873.0	12,000	2.72	8.47	180.4	43.29
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, 1991-1998 (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
Year to Date						
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
Company and Plant: Gulf Power, Scholtz						
1991						
Kentucky	67.9	12,685	2.86	7.08	151.3	38.39
Total	67.9	12,685	2.86	7.08	151.3	38.39
1992						
Kentucky	31.7	12,192	3.06	8.84	148.7	36.27
Total	31.7	12,192	3.06	8.84	148.7	36.27
1993						
Illinois	8.2	12,061	2.38	7.60	154.1	37.17
Kentucky	47.9	12,057	3.10	8.74	159.5	38.45
Colombia	7.5	12,170	.62	7.50	164.4	40.01
Venezuela	16.0	12,958	.58	6.10	170.6	44.20
Total	79.6	12,249	2.29	7.98	161.7	39.62
1994						
Kentucky	67.1	11,861	3.09	9.35	168.7	40.03
Total	67.1	11,861	3.09	9.35	168.7	40.03
1995						
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
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

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, 1991-1998 (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						
1998						
Year to Date						
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
Company and Plant: Gulf Power, Smith						
1991						
Illinois.....	906.3	12,015	2.72	8.66	222.5	53.46
Kentucky.....	132.5	11,953	2.75	6.12	128.9	30.82
Total	1,038.8	12,007	2.72	8.34	210.6	50.57
1992						
Illinois.....	878.5	11,996	2.80	8.46	222.5	53.39
Kentucky.....	6.3	11,982	2.54	7.10	129.5	31.03
Total	884.8	11,996	2.80	8.45	221.9	53.23
1993						
Illinois.....	704.8	11,905	2.18	7.96	179.4	42.71
Kentucky.....	15.9	12,269	2.96	9.45	121.7	29.85
Colombia.....	198.2	11,823	.61	5.96	184.6	43.65
Total	918.9	11,893	1.85	7.55	179.5	42.69
1994						
Illinois.....	391.8	12,086	2.11	7.93	160.3	38.76
Kentucky.....	17.7	11,881	3.22	10.78	140.2	33.31
Colombia.....	286.6	12,299	.61	4.17	172.3	42.39
South Africa.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela.....	53.8	12,272	.96	6.52	229.1	56.24
Total	877.3	12,051	1.36	7.35	171.1	41.23
1995						
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
Year to Date						
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
Company and Plant: Holyoke Water Power (NU), Mount Tom						
1991						
Pennsylvania.....	400.3	13,137	1.47	6.63	175.5	46.11
Total	400.3	13,137	1.47	6.63	175.5	46.11
1992						
Pennsylvania.....	354.8	13,234	1.34	6.26	168.2	44.51
West Virginia.....	8.1	12,800	.80	8.50	198.2	50.74
Total	362.9	13,224	1.33	6.31	168.8	44.65
1993						
Kentucky.....	7.3	13,132	.75	7.50	195.9	51.45
Pennsylvania.....	299.9	13,201	1.52	6.34	164.7	43.49
West Virginia.....	7.0	13,087	.91	7.60	171.7	44.94
Total	314.2	13,197	1.49	6.39	165.6	43.71

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1991-1998 (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						
1994						
Kentucky	47.8	12,884	0.55	7.74	206.0	53.07
Pennsylvania	289.2	13,171	1.48	6.60	156.8	41.31
Indonesia	7.9	12,651	.43	3.30	195.4	49.44
Total	344.9	13,119	1.33	6.68	164.4	43.13
1995						
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
Year to Date						
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
Company and Plant: Jacksonville Electric Authority, St Johns River						
1991						
Kentucky	1,475.3	12,802	1.10	8.96	166.4	42.59
Ohio	240.2	12,530	3.74	9.20	163.8	41.04
West Virginia	643.0	12,102	.85	11.61	200.3	48.47
Colombia	1,582.6	11,978	.73	7.04	153.1	36.68
Venezuela	42.2	12,913	.56	8.90	126.9	32.77
Total	3,983.4	12,346	1.07	8.64	166.0	41.00
1992						
Kentucky	1,563.4	12,831	1.18	8.43	160.2	41.11
West Virginia	642.4	12,063	.82	12.58	199.9	48.22
Colombia	1,418.6	11,897	.71	6.91	150.0	35.70
Total	3,624.4	12,329	.93	8.57	163.2	40.25
1993						
Kentucky	1,300.4	12,802	1.30	8.36	172.0	44.03
West Virginia	243.0	12,049	.75	12.79	187.6	45.21
Colombia	2,291.2	11,849	.68	7.21	136.9	32.44
Total	3,834.6	12,185	.89	7.95	152.6	37.18
1994						
Kentucky	1,106.7	12,775	1.27	8.92	173.2	44.25
West Virginia	595.3	12,193	.82	11.98	185.1	45.14
Colombia	2,032.1	11,883	.69	7.40	135.6	32.22
Total	3,734.1	12,197	.88	8.58	155.2	37.85
1995						
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
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

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, 1991-1998 (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						
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
Year to Date						
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
Company and Plant: Mississippi Power (Southern Co), Daniel						
1991						
Kentucky.....	1,306.9	12,952	0.72	7.41	171.3	44.38
Montana.....	105.5	9,344	.30	4.10	145.2	27.14
Total	1,412.3	12,682	.69	7.16	169.9	43.09
1992						
Kentucky.....	810.6	12,988	.73	7.22	170.0	44.15
Montana.....	82.2	9,383	.30	4.15	136.0	25.51
Wyoming.....	70.9	8,760	.34	4.92	153.0	26.81
Total	963.7	12,369	.66	6.79	166.9	41.29
1993						
Colorado.....	158.6	11,535	.45	9.58	158.9	36.66
Kentucky.....	774.6	12,881	.70	8.12	173.8	44.78
Montana.....	177.7	9,425	.39	4.61	159.1	29.99
Indonesia.....	67.5	9,745	.08	1.23	168.9	32.92
Total	1,178.5	11,999	.58	7.39	169.9	40.78
1994						
Colorado.....	715.2	11,072	.43	10.37	159.5	35.31
Kentucky.....	279.3	12,739	.68	9.06	181.7	46.28
Montana.....	1,288.4	9,402	.40	4.78	138.0	25.96
Total	2,282.8	10,334	.44	7.06	151.8	31.38
1995						
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
Year to Date						
Montana.....	801.7	9,421	.39	4.65	149.0	28.07
Total	801.7	9,421	.39	4.65	149.0	28.07
Company and Plant: Mississippi Power (Southern Co), Watson						
1991						
Illinois.....	1,339.7	12,586	2.69	8.49	145.9	36.72
Kentucky.....	179.5	11,988	2.60	8.20	130.9	31.40
Total	1,519.2	12,515	2.68	8.46	144.2	36.09
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

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, 1991-1998 (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						
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
Year to Date						
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
Company and Plant: New England Power (NEES), Brayton Point						
1991						
Kentucky	0.5	12,970	0.75	8.49	174.6	45.29
Pennsylvania	33.6	13,164	1.32	9.03	166.9	43.94
Virginia	742.1	13,260	1.06	7.23	173.1	45.91
West Virginia.....	1,852.8	13,083	1.20	8.50	170.7	44.66
Venezuela.....	83.7	13,390	.77	7.55	167.3	44.81
Total	2,712.7	13,142	1.15	8.13	171.2	45.00
1992						
Kentucky	10.1	12,934	.63	6.47	170.9	44.21
Virginia	197.9	13,030	1.12	7.64	173.1	45.11
West Virginia.....	2,209.9	13,032	1.11	8.45	168.1	43.81
Venezuela.....	129.0	13,375	.75	7.32	165.2	44.18
Total	2,546.9	13,049	1.09	8.32	168.3	43.94
1993						
Kentucky	68.7	12,641	.54	7.18	167.7	42.39
Maryland.....	1.0	13,161	1.48	10.11	153.6	40.44
West Virginia.....	1,659.3	12,985	1.05	8.54	167.5	43.51
Wyoming.....	7.0	8,889	.30	5.37	174.9	31.09
Colombia.....	187.2	12,144	.64	5.42	178.5	43.35
Venezuela.....	239.9	13,132	.71	7.83	162.5	42.67
Total	2,163.1	12,905	.96	8.14	167.9	43.33
1994						
Kentucky	138.0	12,543	.73	8.18	174.9	43.88
Pennsylvania	119.6	13,049	1.43	6.44	166.4	43.43
West Virginia.....	2,159.0	12,823	.98	8.61	170.6	43.75
Colombia.....	51.3	12,131	.65	5.60	172.2	41.78
Venezuela.....	351.2	12,955	.71	7.03	154.2	39.95
Total	2,819.1	12,822	.95	8.24	168.6	43.24

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, 1991-1998 (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						
1995						
Kentucky	144.6	12,644	0.73	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
Year to Date						
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
Company and Plant: New England Power (NEES), Salem Harbor						
1991						
Virginia	120.6	13,938	0.77	4.26	172.1	47.97
West Virginia.....	760.4	13,102	1.44	9.66	171.9	45.05
Total	881.0	13,216	1.35	8.92	172.0	45.45
1992						
Pennsylvania	40.2	13,193	1.26	6.80	162.3	42.82
West Virginia.....	763.1	13,130	1.46	9.47	167.0	43.86
Canada.....	32.8	13,569	1.40	3.82	174.9	47.46
Venezuela.....	34.8	12,893	.58	7.02	145.3	37.47
Total	870.9	13,140	1.41	9.04	166.3	43.70
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
1996						
Kentucky.....	2.6	12,282	.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

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, 1991-1998 (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						
1997						
Kentucky	136.2	12,613	0.66	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
Year to Date						
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
Company and Plant: Ohio Edison, Burger Plant						
1991						
Ohio.....	779.1	12,087	3.52	11.21	111.8	27.02
Pennsylvania.....	194.3	12,095	2.64	11.89	153.2	37.06
West Virginia.....	11.6	11,703	3.54	11.84	100.0	23.40
Wyoming.....	12.2	8,570	.44	5.57	132.8	22.77
Total	997.2	12,041	3.31	11.28	119.9	28.88
1992						
Kentucky.....	41.4	12,143	.84	10.37	130.5	31.69
Ohio.....	963.7	12,135	3.62	11.27	104.4	25.35
Pennsylvania.....	128.2	12,070	2.83	11.73	129.8	31.32
Wyoming.....	61.3	8,449	.35	5.48	120.1	20.29
Indonesia.....	13.1	9,587	.14	1.20	166.9	32.00
Total	1,207.7	11,913	3.24	10.88	109.2	26.01
1993						
Kentucky.....	6.1	12,223	.88	10.70	110.4	26.99
Ohio.....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania.....	99.9	11,842	3.41	11.82	92.0	21.79
Total	1,257.5	12,113	3.55	11.41	101.5	24.58
1994						
Ohio.....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania.....	63.6	11,942	2.80	11.52	105.5	25.20
West Virginia.....	1.5	11,112	4.48	17.60	112.7	25.05
Total	1,002.9	12,244	3.53	10.69	99.4	24.34
1995						
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
West Virginia.....	50.5	11,707	.85	15.21	107.2	25.09
Total	183.6	12,369	2.11	11.10	103.3	25.56

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, 1991-1998 (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						
Year to Date						
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
West Virginia	50.5	11,707	.85	15.21	107.2	25.09
Total	183.6	12,369	2.11	11.10	103.3	25.56
Company and Plant: Public Serv Co of Indiana, Gallagher						
1991						
Illinois	29.5	12,829	2.74	8.57	105.1	26.96
Indiana	855.6	11,030	2.24	8.31	135.0	29.78
Kentucky	258.4	11,547	2.43	8.63	107.3	24.77
Total	1,143.5	11,193	2.30	8.39	127.6	28.57
1992						
Illinois	51.3	10,841	3.41	7.97	185.5	40.21
Indiana	826.6	10,901	2.26	8.78	142.3	31.01
Kentucky	120.1	11,907	1.49	9.48	114.9	27.37
West Virginia	146.5	12,744	.77	8.82	115.4	29.41
Total	1,144.5	11,240	2.04	8.82	137.2	30.84
1993						
Illinois	11.8	11,792	1.52	6.70	102.7	24.23
Indiana	466.6	10,994	2.12	8.81	137.1	30.14
Kentucky	58.3	11,923	1.70	11.59	122.2	29.13
Pennsylvania	173.7	13,213	2.53	7.34	132.3	34.97
Indonesia	11.1	9,242	.13	1.35	104.8	19.38
Total	721.5	11,589	2.14	8.53	133.6	30.96
1994						
Illinois	362.8	11,905	1.53	7.19	130.0	30.96
Indiana	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky	304.0	11,849	1.73	11.81	132.6	31.42
Pennsylvania	492.1	13,237	2.29	7.59	112.9	29.89
West Virginia	31.9	12,451	1.30	10.41	121.3	30.20
Total	1,517.6	12,155	1.88	8.65	122.6	29.81
1995						
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
Year to Date						
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

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, 1991-1998 (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, Merrimack						
1991						
Pennsylvania	740.1	13,249	1.51	6.57	176.2	46.68
West Virginia	219.6	13,411	2.41	6.82	165.9	44.48
Total	959.7	13,286	1.71	6.63	173.8	46.18
1992						
Pennsylvania	671.5	13,266	1.57	6.30	171.5	45.50
West Virginia	331.8	13,416	2.27	6.94	161.4	43.30
Total	1,003.3	13,316	1.80	6.51	168.1	44.77
1993						
Pennsylvania	661.6	13,240	1.63	6.42	165.9	43.92
West Virginia	388.6	13,225	2.27	7.59	155.3	41.07
Indonesia	21.2	12,620	.49	3.80	186.5	47.07
Venezuela	24.9	12,920	.58	6.00	163.2	42.17
Total	1,096.3	13,216	1.81	6.77	162.4	42.93
1994						
Pennsylvania	706.9	13,176	1.57	6.61	156.5	41.25
West Virginia	272.1	13,253	2.34	7.50	147.8	39.17
Total	979.0	13,197	1.78	6.86	154.1	40.67
1995						
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
Year to Date						
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
Company and Plant: Public Serv Co of New Hampshire, Schiller						
1991						
West Virginia	117.5	13,384	0.69	6.24	180.6	48.34
Venezuela	207.1	12,989	.52	5.65	173.6	45.10
Total	324.6	13,132	.58	5.86	176.2	46.28
1992						
Pennsylvania	8.3	13,080	1.46	6.25	173.0	45.26
West Virginia	131.9	13,252	.77	6.62	175.2	46.44
Colombia	48.4	12,428	.61	6.31	157.2	39.08
Venezuela	34.3	12,881	.58	6.76	168.0	43.29
Total	222.9	13,010	.73	6.56	170.3	44.31
1993						
West Virginia	57.6	13,238	.75	7.40	171.7	45.45
Colombia	52.1	12,861	.64	7.49	150.0	38.59
Indonesia	16.0	12,620	.49	3.80	161.3	40.71
Venezuela	84.3	12,972	.58	6.08	138.6	35.95
Total	210.1	12,991	.63	6.62	152.3	39.58
1994						
Colombia	163.3	12,505	.62	5.55	135.5	33.89
Indonesia	113.0	12,360	.53	3.58	158.7	39.23
Total	276.3	12,446	.58	4.74	144.9	36.07

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, 1991-1998 (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						
1995						
West Virginia.....	74.1	12,997	0.80	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
Year to Date						
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
Company and Plant: Public Serv Electric & Gas Co, Mercer						
1991						
Kentucky.....	0.2	13,063	0.75	7.10	164.6	43.00
Virginia.....	734.7	14,183	.82	4.55	177.9	50.46
West Virginia.....	.1	12,860	.73	8.20	177.0	45.52
Total	735.0	14,182	.82	4.55	177.9	50.46
1992						
Virginia.....	805.6	14,185	.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
1998						
January - March						
Virginia.....	174.3	13,912	.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

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, 1991-1998 (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						
Year to Date						
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
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1991						
Kentucky	24.7	13,096	0.80	7.46	170.0	44.53
West Virginia	486.5	13,040	.80	7.83	184.7	48.18
Total	511.2	13,043	.80	7.81	184.0	48.01
1992						
Kentucky	189.1	13,197	.83	6.64	183.3	48.38
West Virginia	380.3	13,069	.82	7.36	173.1	45.24
Total	569.4	13,111	.82	7.12	176.5	46.28
1993						
Kentucky	76.0	13,336	.84	6.75	185.7	49.54
West Virginia	362.0	12,930	.81	7.93	188.1	48.65
Total	438.0	13,000	.82	7.73	187.7	48.80
1994						
Kentucky	251.3	13,158	.73	7.48	202.1	53.19
West Virginia	293.6	13,102	.80	7.53	202.5	53.05
Colombia	22.5	12,870	.68	6.90	166.9	42.96
Total	567.4	13,118	.77	7.48	200.9	52.71
1995						
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
Year to Date						
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
Company and Plant: Savannah Electric and Power, Port Wentworth						
1991						
Kentucky	10.3	12,308	0.97	10.84	167.7	41.27
Virginia	178.6	12,665	.87	9.55	165.2	41.85
Total	189.0	12,646	.87	9.63	165.3	41.82
1992						
Kentucky	3.0	11,947	1.36	13.60	132.2	31.59
Virginia	60.5	12,392	.98	11.96	148.1	36.71
Total	63.5	12,371	1.00	12.04	147.4	36.46
1993						
Kentucky	80.2	12,770	.98	9.66	175.8	44.91
Virginia	174.6	12,782	.99	10.15	173.0	44.22
West Virginia	5.1	12,738	.77	8.60	166.7	42.46
Total	259.9	12,777	.98	9.97	173.7	44.40
1994						
Kentucky	106.7	12,520	1.19	9.54	172.2	43.13
Virginia	31.6	12,543	.98	10.23	169.4	42.49
Colombia	11.9	11,235	.69	5.87	214.1	48.12
Venezuela	16.8	12,575	1.12	8.60	168.0	42.25
Total	167.0	12,438	1.11	9.31	174.0	43.27

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, 1991-1998 (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						
1995						
Kentucky	9.9	11,801	0.55	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
Year to Date						
Venezuela	79.0	13,018	.67	5.50	152.4	39.68
Total	79.0	13,018	.67	5.50	152.4	39.68
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
1991						
Washington	0.1	12,846	0.70	14.50	170.0	43.68
Canada	26.9	9,994	.46	12.76	209.2	41.82
Total	27.0	10,004	.46	12.76	209.0	41.82
1992						
Montana	4.0	9,492	.40	4.25	169.0	32.08
Washington	2.3	12,366	.72	14.03	154.5	38.21
Wyoming	2.0	8,846	.22	4.67	181.0	32.02
Canada	15.3	9,993	.42	12.95	214.7	42.90
Total	23.7	10,043	.43	10.87	197.5	39.67
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
Year to Date						
Washington .....	.8	10,800	.73	72.92	165.2	35.67
Total .....	.8	10,800	.73	72.92	165.2	35.67
Company and Plant: Tampa Electric, Big Bend²						
1991						
Illinois	1,112.9	11,046	2.95	9.16	193.5	42.74
Indiana	163.5	11,067	2.91	8.63	110.7	24.51
Kentucky	3,888.7	12,461	2.20	7.76	182.4	45.46
Pennsylvania	2.8	13,004	1.46	6.90	127.5	33.16

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, 1991-1998 (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, Big Bend²						
1991						
Tennessee	158.3	12,795	1.18	6.54	218.2	55.84
West Virginia	450.0	13,261	2.40	7.48	206.5	54.77
Indonesia	24.3	9,815	.07	1.20	227.3	44.62
Total	5,800.5	12,211	2.34	7.97	185.7	45.34
1993						
Illinois	35.2	11,194	.82	11.00	185.1	41.44
Total	35.2	11,194	.82	11.00	185.1	41.44
Company and Plant: Tampa Electric, Davant Transfer						
1992						
Colorado	180.6	13,092	0.45	10.01	146.5	38.37
Illinois	1,224.1	11,287	2.87	8.89	181.0	40.86
Kentucky	3,358.9	12,415	2.30	7.91	178.7	44.37
Tennessee	268.8	12,861	1.19	6.20	217.6	55.98
Utah	31.6	11,596	.39	8.20	163.8	37.99
West Virginia	451.8	13,137	2.38	7.64	207.1	54.41
Wyoming	12.3	8,887	.20	4.70	142.3	25.29
Total	5,528.1	12,255	2.30	8.09	182.4	44.70
1993						
Illinois	1,346.0	11,380	2.77	8.93	170.6	38.82
Indiana	18.8	11,230	3.02	10.43	123.1	27.64
Kentucky	2,783.2	12,425	2.20	7.94	189.3	47.05
Tennessee	304.6	12,740	1.12	7.02	203.7	51.89
Utah	186.5	11,586	.35	8.25	156.1	36.17
West Virginia	728.0	13,186	2.27	7.40	172.4	45.47
Colombia	222.2	10,844	.62	7.63	166.6	36.13
Venezuela	61.4	11,056	1.48	9.78	220.7	48.80
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
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

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, 1991-1998 (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						
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
Year to Date						
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
Company and Plant: United Illuminating Co, Bridgeport Harbor						
1991						
Kentucky.....	871.0	13,238	0.55	6.07	216.6	57.35
Total.....	871.0	13,238	.55	6.07	216.6	57.35
1992						
Kentucky.....	772.0	13,162	.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
Year to Date						
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
Total of U.S. Electric Utility Plants						
1991						
Colorado.....	1,733.6	10,753	0.38	5.99	207.6	44.64
Illinois.....	3,314.2	11,682	2.78	8.83	205.3	47.97
Indiana.....	1,019.1	11,036	2.35	8.36	131.1	28.93
Kentucky.....	9,547.1	12,651	1.59	7.76	176.0	44.52
Maryland.....	15.1	13,150	1.59	10.50	141.0	37.08
Montana.....	105.5	9,344	.30	4.10	145.2	27.14
Ohio.....	1,019.3	12,191	3.57	10.73	124.4	30.33
Pennsylvania.....	1,760.5	13,039	1.60	7.80	171.4	44.71

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, 1991-1998 (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						
1991						
Tennessee	158.3	12,795	1.18	6.54	218.2	55.84
Virginia	1,140.4	13,233	1.00	7.39	174.3	46.12
Washington .....	.1	12,846	.70	14.50	170.0	43.68
West Virginia	9,902.3	12,894	1.00	9.15	174.0	44.86
Wyoming	9,086.3	8,432	.38	5.47	141.1	23.79
Canada	26.9	9,994	.46	12.76	209.2	41.82
Colombia	1,582.6	11,978	.73	7.04	153.1	36.68
Indonesia	24.3	9,815	.07	1.20	227.3	44.62
Venezuela	333.0	13,080	.59	6.54	166.2	43.47
Total	40,768.7	11,557	1.23	7.63	169.8	39.26
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	9,088.3	12,623	1.47	8.01	171.0	43.16
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	348.6	12,938	1.02	8.66	176.3	45.62
Washington	2.3	12,366	.72	14.03	154.5	38.21
West Virginia	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	40,725.3	11,518	1.21	7.72	165.1	38.02
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	8,293.4	12,664	1.36	8.17	174.5	44.20
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	42,979.7	11,309	1.08	7.43	160.6	36.31
1994						
Alabama	1.5	12,241	2.87	10.00	204.1	49.97
Colorado	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois	4,198.2	11,616	2.44	8.40	164.4	38.19
Indiana	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky	7,872.9	12,598	1.41	8.27	177.1	44.62
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	10,482.8	12,728	.95	9.60	165.0	42.01
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

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, 1991-1998 (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						
1994						
Colombia.....	2,971.8	11,997	0.66	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	46,117.6	11,346	1.04	7.58	158.5	35.96
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.....	7,508.7	12,577	1.29	7.99	164.7	41.43
Maryland.....	265.8	13,113	1.29	9.87	151.1	39.62
Montana.....	1,273.3	9,400	.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.....	8,208.7	12,619	.81	10.18	162.1	40.90
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	44,407.4	11,193	.89	7.44	157.3	35.22
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.....	9,175.1	12,517	1.34	8.49	161.6	40.46
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.....	10,306.4	12,574	1.08	10.28	153.1	38.49
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	48,730.4	11,176	.97	7.43	152.1	34.01
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.....	8,226.0	12,395	1.54	9.06	161.8	40.11
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.....	9,772.2	12,599	.91	10.63	156.2	39.36
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	48,094.0	11,079	.98	7.66	151.5	33.57
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.....	2,391.3	12,380	1.43	8.55	158.6	39.26

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, 1991-1998 (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						
January - March						
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.....	2,370.3	12,626	.98	10.23	151.4	38.23
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.....	12,701.9	11,164	.99	7.42	149.3	33.34
Year to Date						
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.....	2,391.3	12,380	1.43	8.55	158.6	39.26
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.....	2,370.3	12,626	.98	10.23	151.4	38.23
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.....	12,701.9	11,164	.99	7.42	149.3	33.34

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."

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1991-1998 (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						
Indonesia	428.6	10,181	0.35	1.79	149.2	30.37
Venezuela	1,905.7	12,610	.79	6.57	194.1	48.95
Total	44,407.4	11,193	.89	7.44	157.3	35.22
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	9,175.1	12,517	1.34	8.49	161.6	40.46
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	10,306.4	12,574	1.08	10.28	153.1	38.49
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	48,730.4	11,176	.97	7.43	152.1	34.01
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	8,226.0	12,395	1.54	9.06	161.8	40.11
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	9,772.2	12,599	.91	10.63	156.2	39.36
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	48,094.0	11,079	.98	7.66	151.5	33.57
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	2,391.3	12,380	1.43	8.55	158.6	39.26
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	2,370.3	12,626	.98	10.23	151.4	38.23
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	12,701.9	11,164	.99	7.42	149.3	33.34
April - June						
Colorado	62.7	10,375	.38	5.52	142.8	29.63
Illinois	491.1	12,023	1.89	7.80	156.8	37.70
Kentucky	872.3	12,436	1.41	8.44	156.8	39.00
Maryland	7.2	12,890	1.47	8.20	146.3	37.72
Montana	226.4	9,521	.37	4.30	140.9	26.83
Ohio	13.0	12,113	3.42	12.20	92.4	22.38
Pennsylvania	151.9	13,146	1.78	7.24	134.2	35.29
Virginia	6.3	13,684	.86	4.80	178.6	48.88

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, 1991-1998 (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						
Washington	0.1	10,800	0.73	14.00	168.0	36.29
West Virginia	705.2	12,549	.89	10.78	150.4	37.74
Wyoming	1,007.9	8,482	.39	5.54	122.6	20.79
Colombia	278.1	11,904	.59	6.19	151.2	35.99
Indonesia	73.1	9,648	.40	1.00	146.7	28.31
Venezuela	137.1	12,833	.92	6.76	153.3	39.33
Total	4,032.4	11,176	.98	7.38	146.2	32.67
Year to Date						
Alabama	36.4	11,686	1.87	14.34	182.6	42.69
Colorado	439.2	10,455	.36	5.76	141.1	29.51
Illinois	1,787.7	11,989	2.01	7.87	166.0	39.80
Indiana	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky	3,263.7	12,395	1.43	8.52	158.1	39.19
Maryland	14.3	13,127	1.51	8.60	146.2	38.38
Montana	1,028.1	9,443	.39	4.57	147.2	27.80
Ohio	76.0	12,013	3.09	11.78	97.4	23.41
Pennsylvania	804.6	13,115	1.72	7.45	136.9	35.91
Virginia	34.1	13,337	.82	7.31	173.2	46.19
Washington .....	.9	10,800	.73	66.06	165.5	35.74
West Virginia	3,075.5	12,609	.96	10.36	151.2	38.12
Wyoming	4,289.5	8,473	.39	5.55	124.6	21.12
Colombia	959.0	12,007	.61	6.49	158.0	37.94
Indonesia	146.9	9,577	.39	1.05	155.0	29.69
Venezuela	748.0	13,060	.71	6.38	157.7	41.18
Total	16,734.3	11,167	.98	7.41	148.5	33.18

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."