

Quarterly Coal Report July-September 1999

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Preface

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

This report presents detailed quarterly data for July through September 1999 and aggregated quarterly historical data for 1993 through the third quarter of 1999. Appendix A displays, from 1993 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 1998 DOE/EIA-0384(99); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(97) .

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

The coke imports and exports data for 1993-1998 have been revised. In an effort to more accurately reflect U.S. coke imports and exports, an additional category of the "Harmonized Tariff Schedule" - "coke and semicoke of coal not commercially suitable for fuel" is now included in the coke imports and exports totals.

Coke and breeze data are shown at the Census Division level in order to make maximum amounts of data available without the withholding of data to avoid disclosures of individual operations.

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, 1993-1999
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks ¹	Consumption ²	Exports	Consumer Stocks ¹	Losses and Unaccounted For ³
1993							
January - March	243,417	1,448	38,453	229,165	18,870	152,619	
April - June	233,750	1,317	34,827	214,820	19,946	154,842	
July - September	227,131	2,464	27,183	249,872	18,522	121,909	
October - December.....	241,127	2,951	25,284	232,087	17,181	120,458	
Total	945,424	8,181		944,081	74,519		-13,052
1994							
January - March	255,153	2,225	34,139	237,596	14,877	112,278	
April - June	256,964	1,747	35,758	223,145	17,940	126,694	
July - September	260,853	2,568	32,955	245,820	19,704	121,225	
October - December.....	260,535	2,329	33,219	223,640	18,838	136,139	
Total	1,033,504	8,870		951,461	71,359		-4,062
1995							
January - March	267,121	2,101	42,460	227,695	18,988	144,004	
April - June	249,352	2,138	42,104	217,496	23,184	151,657	
July - September	257,857	2,487	36,193	259,415	22,175	131,739	
October - December.....	258,644	2,748	34,444	236,274	24,201	134,639	
Total	1,032,974	9,473		962,039	88,547		-7,864
1996							
January - March	259,756	1,968	36,851	243,360	20,516	124,752	
April - June	263,397	1,688	37,344	229,264	23,039	134,280	
July - September	272,118	2,423	33,780	259,657	23,504	127,588	
October - December.....	268,585	2,036	28,648	251,053	23,414	122,979	
Total	1,063,856	8,115		1,005,573	90,473		-6,619
1997							
January - March	274,080	1,331	37,544	246,633	20,011	120,671	
April - June	270,136	1,708	42,529	233,463	20,603	127,588	
July - September	271,650	2,222	39,111	269,464	22,354	109,516	
October - December.....	274,065	2,226	33,973	258,065	20,576	106,401	
Total	1,089,932	7,487		1,029,228	83,545		-4,101
1998							
January - March	281,583	1,839	E 40,994	246,817	18,621	114,574	
April - June	275,409	2,193	E 38,331	243,566	20,749	124,366	
July - September	278,581	2,145	E 39,803	276,986	19,898	111,862	
October - December.....	282,560	2,547	36,530	245,782	18,780	128,089	
Total	1,118,133	8,724		1,041,233	78,048		-19,172
1999							
January - March	282,282	2,248	E 42,361	242,987	12,961	142,405	
April - June	263,333	2,098	E 41,533	239,192	14,449	149,005	
July - September	272,940	2,387	E 35,064	271,298	16,075	136,555	
Total	818,554	6,733		753,476	43,485		-20,207

¹ Reported as of the last day of the quarter.

² Total/Annual includes coal consumed by independent power producers 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.

Note: 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, 1993-1999
(Thousand Short Tons)

Year and Quarter	Production	Imports ¹	Producer and Distributor Stocks ²	Consumption ³	Exports ¹
1993 January - March	5,711	381	1,678	6,180	117
April - June	5,885	591	1,683	6,201	270
July - September	5,894	434	1,481	6,171	359
October - December	5,692	749	1,461	6,146	316
Total	23,182	2,155		24,697	1,062
1994 January - March	5,507	669	1,090	6,365	183
April - June	5,753	871	897	6,598	218
July - September	5,680	892	997	6,202	270
October - December	5,746	905	936	6,398	314
Total	22,686	3,338		25,563	986
1995 January - March	5,848	932	897	6,582	288
April - June	5,955	857	1,143	6,220	347
July - September	5,979	1,013	1,170	6,629	336
October - December	5,966	1,018	1,302	6,465	387
Total	23,749	3,820		25,895	1,358
1996 January - March	5,746	808	1,144	6,473	238
April - June	5,786	737	1,173	5,967	527
July - September	5,869	397	1,158	5,900	381
October - December	5,675	600	1,323	5,634	477
Total	23,075	2,542		23,974	1,622
1997 January - March	5,551	576	1,348	5,919	184
April - June	5,488	786	1,522	5,720	379
July - September	5,598	921	1,634	6,029	379
October - December	5,478	855	1,294	6,349	324
Total	22,116	3,139		24,017	1,266
1998 January - March	4,812	766	952	5,643	197
April - June	5,144	1,045	886	5,904	351
July - September	5,094	1,213	842	6,058	293
October - December	4,991	810	933	5,423	289
Total	20,041	3,834		23,029	1,129
1999 January - March	4,790	781	1,020	5,288	195
April - June	4,974	790	990	5,569	225
July - September	4,956	692	926	5,455	257
Total	14,720	2,263		16,312	677

¹ The coke imports and exports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke imports and exports, an additional category has been included in the totals (see Preface).

² Reported as of the last day of the quarter.

³ 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, 1993-1999

(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Year to Date
1993.....	243,417	233,750	227,131	241,127	945,424
1994.....	255,153	256,964	260,853	260,535	1,033,504
1995.....	267,121	249,352	257,857	258,644	1,032,974
1996.....	259,756	263,397	272,118	268,585	1,063,856
1997.....	274,080	270,136	271,650	274,065	1,089,932
1998.....	281,583	275,409	278,581	282,560	1,118,133
1999.....	282,282	263,333	272,940	NA	818,554

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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Alabama.....	4,048	5,156	5,316	14,847	17,308	-14.2
Alaska.....	412	391	268	1,149	1,028	11.7
Arizona.....	2,528	2,806	2,507	8,468	8,258	2.5
Arkansas.....	5	8	7	19	19	-8
Colorado.....	7,225	7,040	7,538	21,674	22,007	-1.5
Illinois.....	9,956	10,637	9,012	31,136	29,802	4.5
Indiana.....	8,809	8,358	9,498	25,853	27,712	-6.7
Kansas.....	95	110	63	318	254	25.0
Kentucky Total.....	34,266	33,638	37,575	104,732	114,503	-8.5
Eastern.....	27,093	26,379	29,584	82,615	88,660	-6.8
Western.....	7,174	7,259	7,991	22,117	25,843	-14.4
Louisiana.....	941	605	859	2,118	2,335	-9.3
Maryland.....	871	902	1,075	2,806	3,101	-9.5
Missouri.....	103	120	119	346	274	26.2
Montana.....	10,486	9,273	10,805	29,808	31,898	-6.6
New Mexico.....	7,191	6,918	7,161	22,355	20,618	8.4
North Dakota.....	7,112	7,082	7,720	22,162	22,425	-1.2
Ohio.....	5,460	5,648	6,668	17,345	21,322	-18.7
Oklahoma.....	389	361	404	1,189	1,277	-6.9
Pennsylvania Total.....	19,062	17,959	20,613	57,148	60,865	-6.1
Anthracite.....	1,246	1,150	1,430	3,512	3,836	-8.4
Bituminous.....	17,816	16,809	19,183	53,636	57,029	-5.9
Tennessee.....	781	831	651	2,330	1,967	18.5
Texas.....	14,524	13,372	13,564	39,877	39,467	1.0
Utah.....	6,205	5,842	6,446	18,702	18,940	-1.3
Virginia.....	8,035	7,290	8,518	23,666	25,188	-6.0
Washington.....	1,240	1,144	1,356	3,238	3,447	-6.1
West Virginia Total.....	37,057	38,555	40,812	118,279	128,391	-7.9
Northern.....	8,866	8,854	10,262	28,570	33,434	-14.5
Southern.....	28,190	29,701	30,549	89,709	94,957	-5.5
Wyoming.....	86,140	79,285	80,026	248,991	233,168	6.8
Appalachian Total.....	102,405	102,721	113,237	319,036	346,801	-8.0
Interior Total.....	41,996	40,830	41,517	122,973	126,984	-3.2
Western Total.....	128,539	119,781	123,828	376,545	361,788	4.1
East of the Miss. River.....	128,344	128,975	139,737	398,142	430,158	-7.4
West of the Miss. River.....	144,596	134,357	138,843	420,412	405,415	3.7
U.S. Total.....	272,940	263,333	278,581	818,554	835,573	-2.0

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

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

Table 5. Coke and Breeze Production at Coke Plants

(Thousand Short Tons)

Census Division	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total	1,437	1,486	1,620	4,372	4,857	-10.0
East North Central Total	2,514	2,473	2,322	7,386	6,787	8.8
South Atlantic Total	w	w	w	w	w	w
East South Central Total	718	712	736	2,101	2,217	-5.2
Mountain Total	w	w	w	w	w	w
U.S. Total	5,264	5,283	5,415	15,627	15,978	-2.2
Coke Total	4,956	4,974	5,094	14,720	15,049	-2.2
Breeze Total	308	310	321	908	928	-2.2

^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, 1993-1999

(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
1993.....	18,870	1,448	19,946	1,317	18,522	2,464	17,181	2,951	74,519	8,181
1994.....	14,877	2,225	17,940	1,747	19,704	2,568	18,838	2,329	71,359	8,870
1995.....	18,988	2,101	23,184	2,138	22,175	2,487	24,201	2,748	88,547	9,473
1996.....	20,516	1,968	23,039	1,688	23,504	2,423	23,414	2,036	90,473	8,115
1997.....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,545	7,487
1998.....	18,621	1,839	20,749	2,193	19,898	2,145	18,780	2,547	78,048	8,724
1999.....	12,961	2,248	14,449	2,098	16,075	2,387	NA	NA	43,485	6,733

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, 1993-1999

(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1993.....	\$42.46	\$33.12	\$41.42	\$32.87	\$40.72	\$30.41	\$41.00	\$29.25	\$41.41	\$30.87
1994.....	41.89	30.54	40.01	29.05	38.86	31.22	39.43	31.55	39.93	30.71
1995.....	39.90	33.60	39.59	35.32	40.99	33.31	40.55	34.09	40.27	34.05
1996.....	41.77	34.26	40.78	33.07	40.53	33.56	40.08	34.15	40.76	33.78
1997.....	41.72	33.85	40.80	35.26	39.42	33.69	40.40	34.49	40.55	34.32
1998.....	41.66	33.98	38.49	31.43	37.83	32.38	37.73	31.38	38.93	32.18
1999.....	40.55	30.86	36.70	30.06	33.97	30.01	NA	NA	36.83	30.31

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	6,872,096	6,197,438	6,501,378	15,233,076	15,752,800	-3.3
Canada ¹	6,521,406	5,805,024	6,213,433	14,209,166	14,595,514	-2.6
Dominican Republic.....	3,267	-	128	3,370	65,161	-94.8
Jamaica.....	-	-	-	-	14,779	-
Mexico.....	345,586	392,212	287,515	1,017,303	1,069,801	-4.9
Other ²	1,837	202	302	3,237	7,545	-57.1
South America Total	986,428	1,223,781	1,811,858	3,270,141	5,645,090	-42.1
Argentina.....	2,275	671	94,050	2,991	271,915	-98.9
Brazil.....	980,602	1,209,481	1,710,939	3,199,411	5,175,685	-38.2
Chile.....	184	97	39	43,263	50,752	-14.8
Other ²	3,367	13,532	6,830	24,476	146,738	-83.3
Europe Total	5,006,127	5,376,781	8,063,699	17,386,395	26,286,601	-33.9
Belgium & Luxembourg.....	364,053	574,165	542,543	1,690,664	2,494,319	-32.2
Bulgaria.....	208,151	186,515	110,431	522,259	989,368	-47.2
Denmark.....	-	-	-	-	274,433	-
Finland.....	76,770	78,863	74,672	155,633	277,534	-43.9
France.....	561,600	648,555	603,685	1,754,197	2,270,109	-22.7
Germany, FR.....	147,397	151,024	529,953	547,275	1,144,410	-52.2
Iceland.....	14,239	11,078	11,526	37,397	38,950	-4.0
Ireland.....	120,036	252,373	378,538	629,710	1,004,709	-37.3
Italy.....	937,959	1,115,293	1,208,817	2,940,898	4,280,909	-31.3
Netherlands.....	859,596	625,706	1,226,230	2,803,157	3,324,749	-15.7
Norway.....	10,700	29,546	26,599	59,789	64,936	-7.9
Portugal.....	332,666	78,733	197,023	556,956	550,528	1.2
Romania.....	-	103,324	97,297	321,595	981,380	-67.2
Spain.....	509,640	476,757	931,334	1,857,338	2,614,018	-28.9
Sweden.....	81,808	203,200	227,580	285,008	386,156	-26.2
Turkey.....	112,047	115,726	256,694	556,417	1,294,303	-57.0
United Kingdom.....	669,445	724,894	1,640,727	2,667,053	4,293,295	-37.9
Other ²	20	1,029	50	1,049	2,495	-58.0
Asia Total	2,922,474	1,426,987	2,872,136	6,798,012	9,420,891	-27.8
China (Taiwan).....	514,554	260,522	383,736	902,724	1,064,983	-15.2
Israel.....	196,103	98,464	-	489,278	333,513	46.7
Japan.....	1,488,700	670,480	1,905,426	3,545,932	6,000,107	-40.9
Korea, Republic of.....	723,058	396,853	569,936	1,844,206	1,958,047	-5.8
Other ²	59	668	13,038	15,872	64,241	-75.3
Oceania & Australia Total	-	40	21	40	4,154	-99.0
Africa Total	287,954	223,817	649,249	797,447	2,158,241	-63.1
Algeria.....	59,460	55,113	114,186	202,720	283,811	-28.6
Egypt.....	111,127	53,200	101,309	259,652	785,433	-66.9
Morocco.....	-	-	-	-	68,102	-
South Africa, Rep of.....	117,291	115,504	433,754	334,999	1,013,158	-66.9
Other ²	76	-	-	76	7,737	-99.0
Total	16,075,079	14,448,844	19,898,341	43,485,111	59,267,777	-26.6

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 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	\$28.22	\$29.07	\$27.26	\$28.77	\$28.16	2.1
Canada ¹	27.44	28.13	26.82	27.72	27.52	.7
Dominican Republic.....	34.47	-	-	34.47	36.74	-6.2
Jamaica.....	-	-	-	-	39.69	-
Mexico.....	42.91	42.83	36.53	43.21	35.89	20.4
Other ²	37.53	40.70	40.74	38.87	40.99	-5.2
South America Total	37.36	41.11	42.13	39.95	42.94	-7.0
Argentina.....	40.83	40.77	44.20	40.80	44.77	-8.9
Brazil.....	37.35	41.10	42.02	40.10	43.02	-6.8
Chile.....	34.33	-	-	28.18	28.67	-1.7
Other ²	40.84	44.31	50.63	42.43	41.63	1.9
Europe Total	39.30	42.00	42.60	41.36	43.50	-4.9
Belgium & Luxembourg.....	40.17	43.84	48.17	43.92	46.30	-5.1
Bulgaria.....	44.45	40.89	44.26	41.63	44.57	-6.6
Denmark.....	-	-	-	-	34.02	-
Finland.....	36.59	36.59	40.32	36.59	40.42	-9.5
France.....	41.35	43.74	45.66	43.21	46.12	-6.3
Germany, FR.....	27.91	30.13	33.01	30.85	35.08	-12.0
Iceland.....	54.25	54.25	54.16	54.25	55.88	-2.9
Ireland.....	29.26	29.26	35.01	30.17	36.65	-17.7
Italy.....	44.93	46.40	47.12	46.34	46.69	-7
Netherlands.....	37.58	40.28	45.68	40.25	45.75	-12.0
Norway.....	50.87	-	53.92	50.84	55.64	-8.6
Portugal.....	29.12	38.43	37.83	34.35	38.27	-10.3
Romania.....	-	37.88	41.28	39.26	42.48	-7.6
Spain.....	37.31	37.93	43.67	39.78	43.28	-8.1
Sweden.....	44.74	45.36	47.01	45.18	47.26	-4.4
Turkey.....	35.97	45.36	44.35	41.55	45.28	-8.2
United Kingdom.....	39.93	43.45	37.75	41.25	39.84	3.5
Other ²	-	40.00	-	40.00	34.93	14.5
Asia Total	35.06	35.83	39.11	36.89	39.74	-7.2
China (Taiwan).....	35.06	34.39	37.33	34.79	36.01	-3.4
Israel.....	32.34	32.34	-	31.68	34.18	-7.3
Japan.....	34.45	36.18	37.94	36.62	39.11	-6.4
Korea, Republic of.....	37.05	37.06	43.83	39.67	44.52	-10.9
Other ²	-	40.70	56.05	53.30	43.65	22.1
Oceania & Australia Total	-	-	-	-	50.70	-
Africa Total	50.54	48.20	45.89	49.37	45.60	8.3
Algeria.....	41.77	45.09	42.82	42.45	43.46	-2.3
Egypt.....	57.51	51.26	44.21	56.23	44.25	27.1
Morocco.....	-	-	-	-	31.57	-
South Africa, Rep of.....	48.38	48.28	47.09	48.26	48.33	-2
Other ²	-	-	-	-	38.85	-
Total ³	33.83	35.92	37.30	36.34	38.93	-6.7
U.S. Total ⁴	33.97	36.70	37.83	36.83	39.26	-6.2

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 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	5,413,322	4,977,333	4,941,619	12,394,642	12,350,220	0.4
Canada ¹	5,062,652	4,585,136	4,655,631	11,371,396	11,211,695	1.4
Dominican Republic.....	3,267	—	128	3,370	65,161	-94.8
Jamaica.....	—	—	—	—	14,779	—
Mexico.....	345,586	392,016	285,558	1,016,680	1,051,040	-3.3
Other ²	1,817	181	302	3,196	7,545	-57.6
South America Total	17,493	8,468	13,375	86,369	203,996	-57.7
Argentina.....	2,275	671	233	2,991	20,612	-85.5
Brazil.....	11,667	—	6,344	21,583	16,467	31.1
Chile.....	184	97	39	43,263	50,752	-14.8
Other ²	3,367	7,700	6,759	18,532	116,165	-84.0
Europe Total	1,262,395	633,482	1,931,999	3,365,112	6,066,910	-44.5
Belgium & Luxembourg.....	18,123	—	—	52,872	254,513	-79.2
Denmark.....	—	—	—	—	274,433	—
France.....	6	22,930	7,512	30,321	88,708	-65.8
Germany, FR.....	123,147	127,074	433,685	436,731	826,410	-47.2
Ireland.....	120,036	252,373	378,538	629,710	1,004,709	-37.3
Italy.....	707	493	7,105	13,547	681,689	-98.0
Netherlands.....	307,567	79,737	60,735	715,266	213,798	234.6
Norway.....	—	—	7,085	—	7,085	—
Portugal.....	253,497	—	125,572	253,497	339,711	-25.4
Spain.....	220,075	149,846	165,000	574,937	581,397	-1.1
Turkey.....	522	—	1,894	1,111	3,114	-64.3
United Kingdom.....	218,695	—	744,823	656,071	1,788,848	-63.3
Other ²	20	1,029	50	1,049	2,495	-58.0
Asia Total	1,922,637	807,682	1,305,632	3,589,305	4,034,661	-11.0
China (Taiwan).....	388,455	260,522	253,376	776,625	855,796	-9.3
Israel.....	196,103	98,464	—	489,278	260,228	88.0
Japan.....	1,100,280	294,675	926,923	1,822,762	2,430,828	-25.0
Korea, Republic of.....	237,740	153,353	112,295	496,892	423,568	17.3
Other ²	59	668	13,038	3,748	64,241	-94.2
Oceania & Australia Total	—	40	21	40	1,323	-97.0
Africa Total	76	—	—	76	76,563	-99.9
Egypt.....	—	—	—	—	724	—
Morocco.....	—	—	—	—	68,102	—
Other ²	76	—	—	76	7,737	-99.0
Total	8,615,923	6,427,005	8,192,646	19,435,544	22,733,673	-14.5

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

² Includes countries with exports less than or equal to 50,000 short tons in 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	\$27.04	\$28.00	\$25.55	\$27.80	\$26.20	6.1
Canada ¹	25.95	26.71	24.85	26.38	25.19	4.7
Dominican Republic.....	34.47	-	-	34.47	36.74	-6.2
Jamaica.....	-	-	-	-	39.69	-
Mexico.....	42.91	42.83	36.53	43.21	35.68	21.1
Other ²	37.53	40.70	40.74	38.87	40.99	-5.2
South America Total	43.15	40.73	40.81	33.33	37.69	-11.5
Argentina.....	40.83	40.77	-	40.80	40.80	*
Brazil.....	43.86	-	40.81	39.55	40.81	-3.1
Chile.....	34.33	-	-	28.18	28.67	-1.7
Other ²	40.84	40.48	-	41.16	40.83	.8
Europe Total	26.10	27.35	29.56	27.58	31.83	-13.4
Belgium & Luxembourg.....	24.99	-	-	38.47	35.28	9.0
Denmark.....	-	-	-	-	34.02	-
France.....	-	39.11	35.52	38.23	36.14	5.8
Germany, FR.....	25.60	28.34	30.24	28.22	30.63	-7.9
Ireland.....	29.26	29.26	35.01	30.17	36.65	-17.7
Italy.....	40.76	40.59	40.80	47.09	38.72	21.6
Netherlands.....	26.25	27.52	27.62	27.31	27.31	*
Norway.....	-	-	56.93	-	56.93	-
Portugal.....	24.48	-	33.02	24.48	33.94	-27.9
Spain.....	21.39	21.30	22.09	21.53	21.73	-9
Turkey.....	40.84	-	40.80	40.79	40.78	*
United Kingdom.....	29.49	-	27.16	28.85	28.77	.3
Other ²	-	40.00	-	40.00	34.93	14.5
Asia Total	31.77	31.14	34.12	31.74	34.43	-7.8
China (Taiwan).....	34.36	34.39	34.52	34.40	34.44	-1
Israel.....	32.34	32.34	-	31.68	33.75	-6.1
Japan.....	32.19	31.28	33.66	32.29	34.08	-5.3
Korea, Republic of.....	25.06	24.57	34.41	25.58	35.43	-27.8
Other ²	-	40.70	56.05	37.24	43.65	-14.7
Oceania & Australia Total	-	-	-	-	40.78	-
Africa Total	-	-	-	-	32.38	-
Egypt.....	-	-	-	-	39.88	-
Morocco.....	-	-	-	-	31.57	-
Other ²	-	-	-	-	38.85	-
Total ³	28.05	28.34	27.93	28.54	29.33	-2.7
U.S. Total ⁴	28.49	30.11	29.10	29.84	30.19	-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 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	1,458,774	1,220,105	1,559,759	2,838,434	3,402,580	-16.6
Canada ¹	1,458,754	1,219,888	1,557,802	2,837,770	3,383,819	-16.1
Mexico.....	-	196	1,957	623	18,761	-96.7
Other ²	20	21	-	41	-	-
South America Total	968,935	1,215,313	1,798,483	3,183,772	5,441,094	-41.5
Argentina.....	-	-	93,817	-	251,303	-
Brazil.....	968,935	1,209,481	1,704,595	3,177,828	5,159,218	-38.4
Other ²	-	5,832	71	5,944	30,573	-80.6
Europe Total	3,743,732	4,743,299	6,131,700	14,021,283	20,219,691	-30.7
Belgium & Luxembourg.....	345,930	574,165	542,543	1,637,792	2,239,806	-26.9
Bulgaria.....	208,151	186,515	110,431	522,259	989,368	-47.2
Finland.....	76,770	78,863	74,672	155,633	277,534	-43.9
France.....	561,594	625,625	596,173	1,723,876	2,181,401	-21.0
Germany, FR.....	24,250	23,950	96,268	110,544	318,000	-65.2
Iceland.....	14,239	11,078	11,526	37,397	38,950	-4.0
Italy.....	937,252	1,114,800	1,201,712	2,927,351	3,599,220	-18.7
Netherlands.....	552,029	545,969	1,165,495	2,087,891	3,110,951	-32.9
Norway.....	10,700	29,546	19,514	59,789	57,851	3.3
Portugal.....	79,169	78,733	71,451	303,459	210,817	43.9
Romania.....	-	103,324	97,297	321,595	981,380	-67.2
Spain.....	289,565	326,911	766,334	1,282,401	2,032,621	-36.9
Sweden.....	81,808	203,200	227,580	285,008	386,156	-26.2
Turkey.....	111,525	115,726	254,800	555,306	1,291,189	-57.0
United Kingdom.....	450,750	724,894	895,904	2,010,982	2,504,447	-19.7
Asia Total	999,837	619,305	1,566,504	3,208,707	5,386,230	-40.4
China (Taiwan).....	126,099	-	130,360	126,099	209,187	-39.7
Israel.....	-	-	-	-	73,285	-
Japan.....	388,420	375,805	978,503	1,723,170	3,569,279	-51.7
Korea, Republic of.....	485,318	243,500	457,641	1,347,314	1,534,479	-12.2
Other ²	-	-	-	12,124	-	-
Oceania & Australia Total	-	-	-	-	2,831	-
Africa Total	287,878	223,817	649,249	797,371	2,081,678	-61.7
Algeria.....	59,460	55,113	114,186	202,720	283,811	-28.6
Egypt.....	111,127	53,200	101,309	259,652	784,709	-66.9
South Africa, Rep of.....	117,291	115,504	433,754	334,999	1,013,158	-66.9
Total	7,459,156	8,021,839	11,705,695	24,049,567	36,534,104	-34.2

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 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	\$32.52	\$33.29	\$32.86	\$32.87	\$35.27	-6.8
Canada ¹	32.52	33.29	32.86	32.86	35.20	-6.6
Mexico.....	-	-	-	49.80	50.29	-1.0
South America Total	37.27	41.11	42.14	40.11	43.13	-7.0
Argentina.....	-	-	44.20	-	45.09	-
Brazil.....	37.27	41.10	42.02	40.10	43.03	-6.8
Other ²	-	44.39	50.63	44.51	44.47	.1
Europe Total	42.94	43.96	46.71	44.45	46.94	-5.3
Belgium & Luxembourg.....	40.96	43.84	48.17	44.10	47.55	-7.3
Bulgaria.....	44.45	40.89	44.26	41.63	44.57	-6.6
Finland.....	36.59	36.59	40.32	36.59	40.42	-9.5
France.....	41.35	43.91	45.79	43.29	46.53	-6.9
Germany, FR.....	39.65	39.64	45.47	41.27	46.65	-11.5
Iceland.....	54.25	54.25	54.16	54.25	55.88	-2.9
Italy.....	44.93	46.40	47.16	46.34	48.20	-3.9
Netherlands.....	40.74	42.15	46.62	43.73	46.92	-6.8
Norway.....	50.87	-	52.82	50.84	55.46	-8.3
Portugal.....	43.97	38.43	46.27	42.59	45.24	-5.9
Romania.....	-	37.88	41.28	39.26	42.48	-7.6
Spain.....	45.10	45.55	48.31	46.84	48.53	-3.5
Sweden.....	44.74	45.36	47.01	45.18	47.26	-4.4
Turkey.....	35.95	45.36	44.38	41.56	45.30	-8.3
United Kingdom.....	45.00	43.45	46.55	45.29	47.74	-5.1
Asia Total	41.38	41.95	43.27	42.64	43.72	-2.5
China (Taiwan).....	37.19	-	42.81	37.19	42.45	-12.4
Israel.....	-	-	-	-	35.69	-
Japan.....	40.82	40.02	41.99	41.20	42.54	-3.1
Korea, Republic of.....	42.92	44.93	46.14	44.86	47.02	-4.6
Other ²	-	-	-	56.93	-	-
Oceania & Australia Total	-	-	-	-	55.11	-
Africa Total	50.54	48.20	45.89	49.37	46.10	7.1
Algeria.....	41.77	45.09	42.82	42.45	43.46	-2.3
Egypt.....	57.51	51.26	44.21	56.23	44.25	27.1
South Africa, Rep of.....	48.38	48.28	47.09	48.26	48.33	-2
Total ³	40.25	41.87	43.76	42.43	44.79	-5.3
U.S. Total ⁴	40.29	41.97	43.93	42.48	44.91	-5.4

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 1998.

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
Eastern Total	7,890,154	7,927,761	12,077,494	24,682,494	37,884,234	-34.8
Baltimore, MD.....	1,274,882	753,977	1,734,158	3,555,340	5,388,236	-34.0
Portland, ME.....	158,959	329	28,897	395,510	131,450	200.9
Buffalo, NY.....	1,062,387	1,183,599	1,678,964	2,469,501	3,659,717	-32.5
New York City, NY.....	952	328	448	1,378	8,960	-84.6
Ogdensburg, NY.....	41,063	10,606	14,791	57,828	77,348	-25.2
Philadelphia, PA.....	6,428	99,922	66,586	160,527	169,633	-5.4
Norfolk, VA.....	5,345,483	5,878,780	8,553,650	18,042,190	28,448,890	-36.6
St. Albans, VT.....	-	220	-	220	-	-
Southern Total	1,686,151	1,582,587	2,615,682	5,563,643	8,339,110	-33.3
Mobile, AL.....	412,695	635,390	1,002,465	1,936,976	3,497,066	-44.6
Savannah, GA.....	-	877	99	1,078	1,502	-28.2
Miami, FL.....	244	233	430	602	1,530	-60.7
Tampa, FL.....	-	-	90	-	90	-
New Orleans, LA.....	913,023	530,132	1,309,992	2,532,676	3,464,039	-26.9
Wilmington, NC.....	80	60	-	200	-	-
San Juan, PR.....	-	28,401	-	28,401	39,742	-28.5
Charleston, SC.....	2,019	502	6	3,151	97	(1)
Houston-Galveston, TX.....	30,385	3,127	15,098	70,094	267,859	-73.8
Laredo, TX.....	327,705	383,865	287,502	990,465	1,067,185	-7.2
Western Total	1,421,155	517,156	880,816	2,440,364	2,815,283	-13.3
Anchorage, AK.....	237,699	153,353	78,574	463,508	343,385	35.0
Nogales, AZ.....	39	-	-	39	-	-
Los Angeles, CA.....	1,155,840	363,057	801,237	1,947,539	2,463,564	-20.9
San Diego, CA.....	11,492	47	13	11,744	2,616	348.9
San Francisco, CA.....	-	-	-	-	2,831	-
Great Falls, MT.....	995	590	873	1,883	1,987	-5.2
Portland, OR.....	14,546	-	-	14,546	-	-
Seattle, WA.....	544	109	119	1,105	900	22.8
Northern Total	5,071,632	4,415,531	4,315,843	10,781,927	10,203,384	5.7
Detroit, MI.....	716,477	489,753	823,588	1,449,624	1,898,153	-23.6
Duluth, MN.....	1,140,089	1,038,764	397,984	2,207,411	488,639	351.7
Pembina, ND.....	9,982	16,244	12,798	48,685	27,629	76.2
Cleveland, OH.....	3,205,084	2,870,770	3,081,473	7,076,207	7,788,918	-9.2
Milwaukee, WI.....	-	-	-	-	45	-
Other Ports	5,987	5,809	8,506	16,683	25,766	-35.3
Total	16,075,079	14,448,844	19,898,341	43,485,111	59,267,777	-26.6

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	236,234	224,853	272,858	654,133	811,923	-19.4
Canada ¹	202,999	185,697	226,401	530,493	600,847	-11.7
Mexico.....	31,098	37,080	44,071	117,707	207,063	-43.2
Other ²	2,137	2,076	2,386	5,933	4,013	47.8
South America Total	-	-	2,754	847	5,980	-85.8
Europe Total	20,675	-	17,014	20,675	21,718	-4.8
Turkey.....	-	-	12,433	-	12,433	-
Other ²	20,675	-	4,581	20,675	9,285	122.7
Asia Total	115	145	188	466	737	-36.8
Oceania & Australia Total	-	-	-	737	-	-
Total ³	257,024	224,998	292,814	676,858	840,358	-19.5

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

² Includes countries with exports less than or equal to 50,000 short tons in 1998.

³ The coke exports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke exports, an additional category has been included in the totals (see Preface).

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	315,662	292,838	368,146	724,199	798,053	-9.3
Canada.....	284,055	277,753	368,146	661,709	797,359	-17.0
Mexico.....	31,607	15,085	-	62,490	694	(↓)
South America Total	1,744,025	1,343,169	1,360,094	4,801,986	4,275,349	12.3
Argentina.....	-	232	-	232	-	-
Brazil.....	33	-	-	33	-	-
Colombia.....	1,286,247	885,838	850,027	3,372,468	2,352,874	43.3
Venezuela.....	457,745	457,099	510,067	1,429,253	1,922,475	-25.7
Europe Total	4,305	1,993	2,304	68,177	6,839	(↓)
Belgium & Luxembourg.....	4,273	861	1,850	6,218	3,697	68.2
Italy.....	-	1	-	1	25	-96.0
United Kingdom.....	32	186	454	61,013	3,117	(↓)
Asia Total	283,767	431,658	344,275	976,892	994,555	-1.8
China (Mainland).....	198	1,014	329	14,799	1,669	(↓)
Hong Kong.....	-	-	10	-	10	-
Indonesia.....	283,569	430,526	343,936	961,975	992,876	-3.1
Syria.....	-	118	-	118	-	-
Oceania & Australia Total	39,379	28,065	70,510	161,466	102,033	58.2
Australia.....	39,379	28,065	28,071	161,466	59,594	170.9
New Zealand.....	-	-	42,439	-	42,439	-
Total	2,387,138	2,097,723	2,145,329	6,732,720	6,176,829	9.0

¹ Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Origin	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	\$34.44	\$35.00	\$35.91	\$33.90	\$34.78	-2.5
Canada.....	36.06	35.72	35.91	34.84	34.78	.2
Mexico.....	21.22	22.88	-	21.75	-	-
South America Total	28.70	31.55	30.61	30.13	31.09	-3.1
Colombia.....	27.19	31.25	30.91	29.28	31.32	-6.5
Venezuela.....	32.94	32.42	30.12	32.55	30.80	5.7
Europe Total	-	-	-	29.48	42.03	-29.8
United Kingdom.....	-	-	-	29.48	42.03	-29.8
Asia Total	45.87	46.43	32.10	42.24	34.22	23.4
China (Mainland).....	-	-	-	42.65	-	-
Indonesia.....	45.87	46.43	32.10	42.23	34.22	23.4
Oceania & Australia Total	32.59	32.20	32.08	27.26	31.69	-14.0
Australia.....	32.59	32.20	32.08	27.26	31.69	-14.0
Total ¹	30.48	33.24	31.76	31.48	32.04	-1.7
U.S. Total ²	30.01	30.06	32.38	30.31	32.52	-6.8

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
Eastern Total	656,427	567,135	562,810	1,843,418	1,736,100	6.2
Boston, MA.....	312,558	373,859	268,853	1,009,318	963,006	4.8
Baltimore, MD.....	28,862	-	-	28,862	-	-
Portland, ME.....	155,742	128,832	143,717	398,498	294,419	35.4
Buffalo, NY.....	4,509	894	1,850	6,487	3,697	75.5
New York City, NY.....	154,756	62,605	148,390	399,308	410,624	-2.8
Philadelphia, PA.....	-	945	-	945	64,354	-98.5
Southern Total	1,285,120	1,104,898	1,067,553	3,711,516	3,105,062	19.5
Mobile, AL.....	650,914	243,088	243,463	1,394,089	697,580	99.8
Savannah, GA.....	101,310	153,300	156,398	354,806	296,283	19.8
Miami, FL.....	-	-	-	-	90,381	-
Tampa, FL.....	250,476	261,583	323,509	988,200	1,006,977	-1.9
New Orleans, LA.....	161,439	316,726	267,889	624,931	644,961	-3.1
San Juan, PR.....	64,624	55,743	33,799	173,499	145,889	18.9
Houston-Galveston, TX.....	-	-	42,495	-	165,853	-
Laredo, TX.....	31,607	15,085	-	62,490	694	(¹)
Virgin Islands.....	24,750	59,373	-	113,501	56,444	101.1
Western Total	258,580	282,539	189,758	774,624	632,391	22.5
Los Angeles, CA.....	22	-	-	22	-	-
Honolulu, HI.....	161,509	146,838	146,557	513,853	529,713	-3.0
Great Falls, MT.....	51,886	90,079	-	151,335	-	-
Portland, OR.....	-	-	-	-	6,992	-
Seattle, WA.....	45,163	45,622	43,201	109,414	95,686	14.3
Northern Total	187,011	143,151	325,208	403,162	703,276	-42.7
Chicago, IL.....	-	-	33,083	-	66,829	-
Detroit, MI.....	129,265	89,931	131,814	227,081	229,942	-1.2
Duluth, MN.....	5,719	5,240	-	12,477	-	-
Pembina, ND.....	51,829	46,966	160,048	161,294	404,902	-60.2
Milwaukee, WI.....	198	1,014	263	2,310	1,603	44.1
Total	2,387,138	2,097,723	2,145,329	6,732,720	6,176,829	9.0

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	July - September 1999	April - June 1999	July - September 1998	Year to date		
				1999	1998	Percent Change
North America Total	69,219	26,821	20,325	102,303	43,615	134.6
Canada.....	39,215	26,821	20,325	72,299	43,615	65.8
Netherlands Antilles.....	30,004	-	-	30,004	-	-
Asia Total	623,033	762,726	1,192,484	2,160,716	2,980,521	-27.5
China (Mainland).....	199,734	203,492	639,010	708,883	1,515,348	-53.2
Japan.....	423,299	559,234	553,474	1,451,833	1,465,173	-9
Total ¹	692,252	789,547	1,212,809	2,263,019	3,024,136	-25.2

¹ The coke imports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke imports, an additional category has been included in the totals (see Preface).

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, 1993-1999
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Total
1993 January - March	188,401	7,951	18,095	1,817	216,264
April - June	190,085	8,067	18,062	1,354	217,568
July - September	191,054	7,426	18,075	1,094	217,649
October - December.....	199,612	7,661	20,127	1,956	229,356
Total	769,152	31,104	74,359	6,221	880,836
1994 January - March	199,981	7,318	17,990	2,016	227,305
April - June	208,576	8,438	18,408	1,187	236,610
July - September	212,849	7,881	18,777	1,135	240,642
October - December.....	210,523	8,081	19,717	1,674	239,996
Total	831,929	31,719	74,893	6,013	944,553
1995 January - March	205,054	8,261	17,871	1,638	232,824
April - June	199,275	8,192	17,144	1,032	225,643
July - September	211,914	8,135	18,369	1,063	239,481
October - December.....	210,617	8,449	18,510	2,074	239,649
Total	826,860	33,036	71,895	5,807	937,597
1996 January - March	204,394	7,894	17,444	1,802	231,534
April - June	212,197	7,974	16,995	1,201	238,368
July - September	226,454	8,187	17,598	1,201	253,440
October - December.....	219,656	7,616	18,804	1,802	247,878
Total	862,701	31,672	70,842	6,006	971,220
1997 January - March	213,527	7,330	17,352	1,939	240,148
April - June	215,223	7,080	17,280	1,293	240,875
July - September	225,508	7,694	17,410	1,293	251,904
October - December.....	226,329	7,447	18,692	1,939	254,407
Total	880,588	29,550	70,733	6,463	987,334
1998 January - March	225,243	6,742	17,213	1,457	250,656
April - June	227,432	7,308	17,089	971	252,800
July - September	240,587	7,305	17,211	971	266,074
October - December.....	236,186	6,999	17,855	1,457	262,496
Total	929,448	28,354	69,368	4,856	1,032,026
1999 January - March	227,012	6,712	16,687	1,457	251,868
April - June	219,680	7,205	16,306	971	244,162
July - September	234,571	6,943	15,922	971	258,408
Total	681,263	20,860	48,915	3,399	754,437

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, 1993-1999
(Dollars per Short Ton)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial ¹
1993 January - March	\$28.64	\$48.50	\$32.86
April - June.....	28.95	47.41	32.08
July - September.....	28.31	47.07	31.65
October - December.....	28.44	46.74	32.31
Average Annual Price	28.58	47.44	32.23
1994 January - March	28.04	47.04	32.79
April - June.....	28.71	46.66	32.47
July - September.....	28.00	46.15	32.26
October - December.....	27.35	46.41	32.66
Average Annual Price	28.03	46.56	32.55
1995 January - March	27.35	47.19	32.51
April - June.....	27.46	47.57	32.52
July - September.....	26.79	47.02	32.36
October - December.....	26.47	47.56	32.32
Average Annual Price	27.01	47.34	32.42
1996 January - March	26.54	47.45	32.51
April - June.....	26.89	48.39	32.39
July - September.....	26.10	46.02	32.12
October - December.....	26.31	47.33	32.28
Average Annual Price	26.45	47.33	32.32
1997 January - March	26.54	48.16	32.60
April - June.....	26.49	48.24	32.29
July - September.....	25.72	46.71	32.33
October - December.....	25.92	47.40	32.40
Average Annual Price	26.16	47.61	32.41
1998 January - March	25.90	45.79	32.77
April - June.....	25.92	45.84	31.92
July - September.....	25.66	46.43	32.13
October - December.....	25.09	46.17	32.23
Average Annual Price	25.64	46.06	32.26
1999 January - March	25.15	46.56	32.00
April - June.....	25.14	46.37	31.58
July - September.....	24.46	44.92	31.41

¹ Manufacturing plants only.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the cost, insurance and freight (c.i.f. value). 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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	507	508	1,384	1,524	5,119	-70.2
Connecticut.....	1	1	28	39	483	-91.8
Maine.....	15	12	50	32	115	-71.8
Massachusetts.....	181	189	847	475	3,359	-85.9
New Hampshire.....	310	278	431	920	1,078	-14.6
Rhode Island.....	*	*	*	2	2	.0
Vermont.....	*	27	27	55	82	-32.8
Middle Atlantic Total	12,984	12,846	18,168	41,782	52,793	-20.9
New Jersey.....	688	584	625	1,835	1,593	15.2
New York.....	1,026	2,003	3,272	5,575	8,971	-37.9
Pennsylvania.....	11,270	10,259	14,271	34,372	42,229	-18.6
East North Central Total	61,084	58,691	61,085	174,227	177,026	-1.6
Illinois.....	11,752	10,557	11,409	33,431	34,235	-2.3
Indiana.....	16,797	17,262	17,589	50,944	51,449	-1.0
Michigan.....	10,683	10,098	10,745	27,324	28,142	-2.9
Ohio.....	14,825	14,743	14,896	43,907	44,477	-1.3
Wisconsin.....	7,027	6,031	6,445	18,621	18,724	-.5
West North Central Total	38,225	35,473	37,737	110,942	109,492	1.3
Iowa.....	6,938	6,112	6,728	18,875	18,310	3.1
Kansas.....	4,809	5,115	4,644	15,020	14,102	6.5
Minnesota.....	5,056	4,419	5,085	13,741	14,413	-4.7
Missouri.....	9,670	9,514	10,022	29,396	29,654	-.9
Nebraska.....	3,116	2,798	3,018	8,970	8,993	-.3
North Dakota.....	8,010	6,945	7,742	23,107	22,374	3.3
South Dakota.....	626	571	498	1,834	1,647	11.4
South Atlantic Total	43,054	42,314	45,057	129,957	130,929	-.7
Delaware.....	455	284	685	930	1,486	-37.4
District of Columbia.....	1	1	1	4	4	.0
Florida.....	6,299	6,549	7,071	19,658	21,601	-9.0
Georgia.....	9,373	8,764	9,800	26,862	25,648	4.7
Maryland.....	2,829	2,762	2,895	8,531	8,776	-2.8
North Carolina.....	6,550	7,052	7,570	20,751	22,258	-6.8
South Carolina.....	3,735	3,264	3,685	11,040	11,162	-1.1
Virginia.....	4,471	3,894	4,371	12,292	12,148	1.2
West Virginia.....	9,341	9,743	8,980	29,890	27,846	7.3
East South Central Total	28,197	27,515	28,847	82,667	85,683	-3.5
Alabama.....	9,102	8,895	9,143	25,844	27,041	-4.4
Kentucky.....	9,441	9,589	9,994	28,478	30,845	-7.7
Mississippi.....	1,416	1,654	1,696	4,694	4,855	-3.3
Tennessee.....	8,237	7,377	8,014	23,651	22,943	3.1
West South Central Total	41,138	36,932	40,444	117,372	112,481	4.3
Arkansas.....	4,258	3,420	3,843	12,085	10,565	14.4
Louisiana.....	3,508	3,503	4,029	10,585	10,507	.7
Oklahoma.....	5,430	5,083	4,969	16,248	15,526	4.6
Texas.....	27,942	24,927	27,603	78,454	75,883	3.4
Mountain Total	30,132	27,313	30,291	87,353	87,321	*
Arizona.....	5,165	4,986	5,158	15,003	14,630	2.6
Colorado.....	4,653	4,698	4,845	14,072	14,035	.3
Idaho.....	103	83	158	303	362	-16.2
Montana.....	2,762	2,314	2,856	7,791	7,824	-.4
Nevada.....	2,165	1,463	2,319	5,938	5,773	2.9
New Mexico.....	4,388	3,976	4,345	12,383	11,674	6.1
Utah.....	3,747	3,861	3,931	11,708	12,583	-7.0
Wyoming.....	7,151	5,932	6,679	20,154	20,441	-1.4
Pacific Total	3,087	2,571	3,061	8,613	8,686	-.8
Alaska.....	106	106	106	372	372	.0
California.....	569	679	692	2,038	2,118	-3.8
Hawaii.....	39	33	33	109	109	.1
Oregon.....	654	403	420	1,795	1,416	26.8
Washington.....	1,718	1,349	1,810	4,299	4,671	-8.0
U.S. Total	258,408	244,162	266,074	754,437	769,530	-2.0

* Rounded to zero.

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	July-September 1999		July-September 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	476	159	1,290	165	1,385	160	4,870	167	-71.6	-4.4
Connecticut.....	-	-	27	184	35	169	479	181	-92.7	-6.6
Massachusetts.....	167	180	833	166	433	176	3,316	167	-86.9	4.9
New Hampshire.....	309	147	430	161	917	152	1,075	161	-14.7	-5.4
Mid Atlantic	9,569	131	14,315	138	31,228	134	41,411	138	-24.6	-3.1
New Jersey.....	685	143	622	160	1,826	147	1,582	160	15.4	-8.5
New York.....	330	151	2,430	143	3,560	144	6,730	144	-47.1	.4
Pennsylvania.....	8,553	129	11,263	135	25,842	131	33,100	136	-21.9	-3.2
East North Central	53,849	128	53,838	131	152,655	127	155,371	131	-1.7	-3.3
Illinois.....	10,301	142	9,890	162	28,944	146	29,357	161	-1.4	-9.2
Indiana.....	14,050	110	14,714	111	42,733	111	42,842	112	-3	-1.0
Michigan.....	9,519	131	9,769	137	23,962	130	25,643	133	-6.6	-2.3
Ohio.....	13,436	141	13,509	137	39,663	136	40,085	137	-1.1	-1.0
Wisconsin.....	6,543	106	5,957	109	17,352	104	17,444	108	-5	-3.9
West North Central	34,835	87	34,173	89	100,703	88	99,323	90	1.4	-1.9
Iowa.....	6,064	84	5,787	88	16,372	83	15,785	89	3.7	-7.3
Kansas.....	4,780	96	4,616	97	14,939	95	14,014	98	6.6	-3.3
Minnesota.....	4,659	110	4,693	108	12,593	111	13,259	110	-5.0	1.2
Missouri.....	9,363	91	9,669	91	28,418	93	28,636	92	-8	1.5
Nebraska.....	3,039	55	2,939	58	8,771	56	8,797	59	-3	-4.2
North Dakota.....	6,435	71	6,093	74	18,132	73	17,516	76	3.5	-3.9
South Dakota.....	495	94	376	93	1,478	94	1,315	93	12.4	1.0
South Atlantic	39,598	140	41,218	145	119,040	141	119,328	145	-2	-2.5
Delaware.....	421	161	629	157	807	157	1,359	157	-40.6	.2
Florida.....	5,988	159	6,740	166	18,743	160	20,579	166	-8.9	-4.1
Georgia.....	8,882	154	9,332	154	25,385	154	24,136	155	5.2	-4
Maryland.....	2,629	134	2,689	144	7,918	139	8,179	145	-3.2	-4.3
North Carolina.....	6,087	144	7,077	144	19,219	144	20,606	144	-6.7	*
South Carolina.....	3,266	141	3,203	145	9,658	142	9,687	145	-3	-1.7
Virginia.....	3,677	135	3,510	138	9,750	136	9,520	138	2.4	-1.9
West Virginia.....	8,649	116	8,038	122	27,559	119	25,261	122	9.1	-2.9
East South Central	25,520	120	25,858	126	74,230	124	76,384	126	-2.8	-1.7
Alabama.....	7,888	139	7,911	157	22,271	150	23,237	158	-4.2	-5.2
Kentucky.....	8,826	105	9,149	106	26,318	106	28,254	106	-6.9	.6
Mississippi.....	1,369	158	1,636	153	4,561	156	4,694	153	-2.8	2.0
Tennessee.....	7,438	113	7,162	111	21,080	113	20,200	112	4.4	.7
West South Central	39,680	118	39,015	122	113,017	122	108,045	125	4.6	-2.4
Arkansas.....	4,161	150	3,781	155	11,840	150	10,361	151	14.3	-6
Louisiana.....	3,500	139	4,019	144	10,562	139	10,470	143	.9	-2.8
Oklahoma.....	5,267	92	4,805	91	15,677	92	14,949	92	4.9	*
Texas.....	26,752	115	26,409	119	74,938	121	72,264	126	3.7	-3.4
Mountain	28,695	104	28,718	108	82,993	107	82,576	108	.5	-1.0
Arizona.....	5,017	126	4,979	132	14,511	133	14,082	133	3.0	-3
Colorado.....	4,488	99	4,651	97	13,554	98	13,494	99	.4	-9
Montana.....	2,745	70	2,838	58	7,726	72	7,767	66	-5	9.0
Nevada.....	2,119	125	2,267	128	5,783	132	5,616	134	3.0	-1.0
New Mexico.....	4,368	132	4,324	132	12,325	134	11,614	133	6.1	1.1
Utah.....	3,283	104	3,475	122	10,486	104	11,114	118	-5.6	-11.4
Wyoming.....	6,675	75	6,184	80	18,607	77	18,889	77	-1.5	.2
Pacific	2,349	136	2,161	137	6,013	139	5,953	139	1.0	-1
Oregon.....	654	110	420	108	1,795	108	1,385	109	29.6	-1.3
Washington.....	1,695	146	1,741	144	4,218	153	4,568	148	-7.7	3.3
U.S. Total	234,571	121	240,587	125	681,263	122	693,262	126	-1.7	-2.8

* Percent change 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	July-September 1999		July-September 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	208	163	1,016	165	682	164	3,995	168	-82.9	-2.4
Connecticut.....	—	—	27	184	—	—	385	185	—	—
Massachusetts.....	55	190	669	165	175	180	2,843	166	-93.8	8.0
New Hampshire.....	153	154	320	165	507	158	768	165	-34.0	-3.9
Mid Atlantic	8,348	133	11,350	142	26,406	137	33,992	142	-22.3	-3.3
New Jersey.....	685	143	556	162	1,707	147	1,284	163	32.9	-9.8
New York.....	303	153	2,100	145	2,884	146	5,842	144	-50.6	1.1
Pennsylvania.....	7,359	132	8,693	140	21,815	135	26,865	140	-18.8	-3.6
East North Central	38,976	134	40,643	138	115,115	131	118,067	137	-2.5	-4.0
Illinois.....	8,145	150	8,332	172	24,247	152	25,400	168	-4.5	-9.5
Indiana.....	10,305	111	9,989	116	33,662	112	30,027	117	12.1	-3.8
Michigan.....	7,245	132	7,808	138	19,034	132	19,968	135	-4.7	-2.3
Ohio.....	9,198	155	9,668	145	26,741	147	29,031	146	-7.9	.7
Wisconsin.....	4,083	105	4,845	107	11,430	102	13,640	104	-16.2	-1.9
West North Central	26,657	87	27,659	88	77,218	88	81,819	89	-5.6	-1.3
Iowa.....	4,183	82	4,234	86	11,648	82	11,926	89	-2.3	-8.7
Kansas.....	3,296	109	4,533	98	10,765	105	13,852	98	-22.3	7.0
Minnesota.....	4,454	110	4,486	107	11,723	110	12,818	109	-8.5	1.0
Missouri.....	5,168	90	5,595	90	16,273	92	17,342	89	-6.2	2.8
Nebraska.....	2,821	54	2,343	56	7,586	54	7,050	56	7.6	-3.2
North Dakota.....	6,435	71	6,093	74	18,132	73	17,516	76	3.5	-3.9
South Dakota.....	301	93	376	93	1,091	93	1,315	93	-17.0	.1
South Atlantic	28,785	142	28,583	146	89,443	143	84,199	146	6.2	-2.5
Delaware.....	380	160	602	158	767	157	1,316	157	-41.8	-2
Florida.....	4,322	165	4,535	172	13,469	165	13,700	173	-1.7	-4.6
Georgia.....	5,166	157	4,444	157	15,091	157	11,739	159	28.6	-1.3
Maryland.....	2,151	135	1,814	146	7,035	139	5,686	146	23.7	-4.4
North Carolina.....	4,755	148	5,544	147	14,952	147	15,627	148	-4.3	-3
South Carolina.....	2,505	142	2,646	145	8,010	142	7,893	144	1.5	-1.7
Virginia.....	2,419	136	2,197	138	7,042	136	6,370	139	10.6	-2.0
West Virginia.....	7,087	118	6,803	125	23,077	120	21,868	125	5.5	-3.4
East South Central	19,379	121	20,578	129	59,474	125	58,306	130	2.0	-4.0
Alabama.....	5,515	145	6,955	160	17,342	156	20,096	163	-13.7	-4.0
Kentucky.....	6,369	105	6,157	106	19,863	106	18,251	106	8.8	-1
Mississippi.....	724	165	1,385	156	2,952	157	4,026	156	-26.7	.7
Tennessee.....	6,772	113	6,081	110	19,317	112	15,933	111	21.2	1.4
West South Central	37,964	117	36,051	122	107,102	122	100,871	125	6.2	-2.8
Arkansas.....	3,933	152	3,651	155	10,955	152	9,544	155	14.8	-2.0
Louisiana.....	3,500	139	3,874	142	10,562	139	10,325	142	2.3	-2.3
Oklahoma.....	5,267	92	4,509	91	15,677	92	14,511	92	8.0	-2
Texas.....	25,264	114	24,018	119	69,908	121	66,490	126	5.1	-3.8
Mountain	27,186	104	26,713	108	78,906	107	77,387	109	2.0	-2.1
Arizona.....	4,305	126	4,394	133	12,458	133	12,215	136	2.0	-2.3
Colorado.....	4,104	101	4,340	99	12,568	100	12,698	101	-1.0	-5
Montana.....	2,745	70	2,838	58	7,726	72	7,767	66	-5	9.0
Nevada.....	1,851	129	1,724	128	5,030	137	4,737	135	6.2	.9
New Mexico.....	4,368	132	4,324	132	12,325	134	11,614	133	6.1	1.1
Utah.....	3,138	102	3,399	123	10,191	103	10,896	118	-6.5	-12.4
Wyoming.....	6,675	75	5,693	81	18,607	77	17,460	78	6.6	-1.4
Pacific	1,241	157	1,353	152	3,124	166	3,432	159	-9.0	4.4
Washington.....	1,241	157	1,353	152	3,124	166	3,432	159	-9.0	4.4
U.S. Total	188,744	122	193,944	127	557,469	124	562,068	127	-8	-3.0

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	July-September 1999		July-September 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	268	155	275	164	703	156	875	165	-19.6	-5.3
Connecticut.....	-	-	-	-	35	169	94	166	-62.8	1.9
Massachusetts.....	112	175	164	174	257	173	473	174	-45.6	-4
New Hampshire.....	156	141	110	148	410	145	308	151	33.5	-4.3
Mid Atlantic	1,221	111	2,965	120	4,822	117	7,420	122	-35.0	-4.2
New Jersey.....	-	-	65	144	119	140	298	147	-60.0	-4.9
New York.....	27	127	330	135	676	139	888	143	-23.9	-2.8
Pennsylvania.....	1,194	111	2,570	117	4,027	112	6,234	118	-35.4	-4.5
East North Central	14,874	112	13,196	114	37,540	113	37,303	113	.6	-6
Illinois.....	2,156	110	1,558	112	4,697	115	3,956	118	18.7	-2.2
Indiana.....	3,745	108	4,725	103	9,071	108	12,815	103	-29.2	5.1
Michigan.....	2,274	127	1,960	131	4,928	126	5,675	130	-13.2	-2.6
Ohio.....	4,238	111	3,841	117	12,922	112	11,053	112	16.9	-7
Wisconsin.....	2,460	107	1,111	120	5,922	108	3,804	122	55.7	-11.5
West North Central	8,178	87	6,514	92	23,485	88	17,504	92	34.2	-4.4
Iowa.....	1,881	87	1,554	93	4,724	86	3,859	89	22.4	-3.8
Kansas.....	1,484	68	83	64	4,174	68	162	64	NM	5.8
Minnesota.....	205	119	207	126	870	122	441	126	97.1	-2.9
Missouri.....	4,196	93	4,074	93	12,145	94	11,294	95	7.5	-7
Nebraska.....	218	66	597	67	1,185	67	1,748	69	-32.2	-1.7
North Dakota.....	-	-	*	54	*	54	*	54	NM	-3
South Dakota.....	194	96	-	-	387	96	-	-	-	-
South Atlantic	10,813	135	12,635	142	29,597	137	35,129	142	-15.7	-3.2
Delaware.....	41	166	27	147	41	166	43	153	-4.8	8.8
Florida.....	1,666	141	2,205	152	5,274	145	6,879	153	-23.3	-4.9
Georgia.....	3,716	148	4,889	150	10,294	148	12,398	150	-17.0	-9
Maryland.....	477	129	875	141	883	136	2,493	144	-64.6	-5.5
North Carolina.....	1,332	127	1,533	134	4,266	133	4,978	133	-14.3	.1
South Carolina.....	761	138	557	144	1,648	142	1,795	145	-8.2	-2.1
Virginia.....	1,258	135	1,314	137	2,708	134	3,150	136	-14.0	-2.0
West Virginia.....	1,562	110	1,235	107	4,482	110	3,394	107	32.1	2.9
East South Central	6,141	118	5,280	115	14,756	121	18,078	114	-18.4	6.2
Alabama.....	2,373	124	956	136	4,929	128	3,141	130	56.9	-1.9
Kentucky.....	2,457	105	2,992	106	6,456	108	10,003	106	-35.5	2.7
Mississippi.....	645	151	251	134	1,608	154	668	136	140.9	13.7
Tennessee.....	666	117	1,082	116	1,763	118	4,267	117	-58.7	1.2
West South Central	1,716	131	2,964	125	5,915	129	7,174	123	-17.6	4.7
Arkansas.....	228	123	130	135	885	129	817	106	8.3	22.1
Louisiana.....	-	-	145	183	-	-	145	183	-	-
Oklahoma.....	-	-	296	85	-	-	438	87	-	-
Texas.....	1,488	133	2,392	125	5,030	129	5,774	126	-12.9	1.9
Mountain	1,508	109	2,006	102	4,088	113	5,189	95	-21.2	18.2
Arizona.....	712	121	585	120	2,053	131	1,867	112	9.9	17.2
Colorado.....	385	76	311	76	986	74	796	75	23.9	-2.1
Nevada.....	267	104	543	129	753	105	879	125	-14.4	-15.8
Utah.....	144	147	76	91	295	131	218	96	35.7	36.1
Wyoming.....	-	-	491	63	-	-	1,429	63	-	-
Pacific	1,108	116	808	115	2,889	113	2,521	115	14.6	-1.1
Oregon.....	654	110	420	108	1,795	108	1,385	109	29.6	-1.3
Washington.....	454	123	388	121	1,094	123	1,136	121	-3.7	1.3
U.S. Total	45,827	116	46,642	120	123,794	117	131,194	120	-5.6	-2.2

* Percent change is less than 0.05 percent.

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

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

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

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

Census Division and State	July-September 1999	April-June 1999	July-September 1998	Year to Date		
				1999	1998	Percent Change
New England	\$41.54	\$42.29	\$42.19	\$42.00	\$42.73	-1.7
Connecticut	-	-	48.61	45.85	47.73	-3.9
Massachusetts.....	46.74	45.23	41.95	45.81	42.17	8.6
New Hampshire	38.72	40.42	42.25	40.05	42.24	-5.2
Mid Atlantic	33.24	34.07	34.30	33.86	34.46	-1.7
New Jersey	38.04	39.43	41.68	38.66	42.07	-8.1
New York.....	39.48	37.35	37.35	37.64	37.57	.2
Pennsylvania	32.61	33.09	33.24	33.00	33.46	-1.4
East North Central	26.97	26.64	27.88	26.78	27.72	-3.4
Illinois	27.13	27.22	31.43	28.15	31.25	-9.9
Indiana.....	23.60	23.48	23.53	23.59	23.57	.1
Michigan	27.22	27.80	28.48	27.34	28.15	-2.9
Ohio.....	33.76	31.93	32.77	32.31	32.60	-9
Wisconsin.....	19.62	19.43	20.65	18.95	20.12	-5.8
West North Central	14.57	15.13	14.90	14.70	15.06	-2.4
Iowa.....	14.43	14.64	15.28	14.22	15.42	-7.8
Kansas	16.65	16.51	16.73	16.36	17.08	-4.2
Minnesota.....	19.57	20.10	19.21	19.74	19.48	1.3
Missouri.....	16.36	16.96	16.38	16.64	16.42	1.4
Nebraska.....	9.43	9.71	10.01	9.55	10.05	-5.1
North Dakota.....	9.21	10.07	9.74	9.60	10.00	-4.1
South Dakota.....	16.22	16.28	16.19	16.19	16.18	.1
South Atlantic	34.73	35.14	35.71	34.93	35.67	-2.1
Delaware	41.52	39.83	40.80	40.72	40.65	.2
Florida	39.04	39.42	40.22	39.22	40.41	-3.0
Georgia.....	36.17	36.49	36.22	36.15	36.34	-5
Maryland	34.68	36.94	37.35	36.02	37.53	-4.0
North Carolina	35.71	36.12	35.92	35.97	35.72	.7
South Carolina	36.29	36.09	37.11	36.46	37.04	-1.6
Virginia	34.31	34.37	34.78	34.36	34.81	-1.3
West Virginia.....	28.84	29.47	30.04	29.35	30.04	-2.3
East South Central	27.44	28.30	28.91	28.21	29.00	-2.7
Alabama	30.37	32.90	35.89	33.00	36.35	-9.2
Kentucky	24.42	24.50	24.71	24.56	24.42	.5
Mississippi.....	36.76	36.29	32.06	35.31	31.99	10.4
Tennessee	26.21	26.06	25.84	26.17	26.27	-4
West South Central	18.42	19.51	19.11	19.15	19.61	-2.3
Arkansas	26.04	26.23	26.71	26.02	26.19	-6
Louisiana	22.74	22.79	23.43	22.71	23.16	-2.0
Oklahoma	15.81	16.00	15.68	15.85	15.90	-4
Texas	17.18	18.81	17.99	18.26	18.92	-3.5
Mountain	20.24	20.92	21.00	20.82	21.00	-9
Arizona.....	25.84	27.29	26.88	27.28	27.17	.4
Colorado	19.25	18.91	19.08	19.17	19.55	-1.9
Montana.....	11.81	13.36	9.75	12.23	11.23	9.0
Nevada.....	28.28	31.26	28.75	29.71	29.89	-6
New Mexico.....	23.89	24.69	24.08	24.49	24.25	1.0
Utah	24.53	23.48	27.66	24.13	26.59	-9.2
Wyoming.....	13.11	13.04	14.12	13.48	13.52	-3
Pacific	22.61	23.20	22.69	23.46	23.16	1.3
Oregon.....	19.09	19.78	18.94	19.53	19.07	2.4
Washington	23.98	24.25	23.59	25.14	24.40	3.0
U.S. Total	24.46	25.14	25.66	24.91	25.82	-3.5

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-September 1999

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	4,100	204	5,791	160	261	142	10,153	178	0.87	-18.9	-3.6	-5.2
Arizona	9,141	122	-	-	-	-	9,141	122	.47	2.6	1.5	-2.9
Colorado	18,035	126	281	108	-	-	18,316	125	.42	7.8	1.3	1.5
Illinois	24	153	12,048	136	14,816	124	26,888	130	1.87	3.1	-2.3	-5.7
Indiana	1,563	123	6,115	119	15,855	101	23,533	107	2.09	-5.2	-2.3	.3
Kansas	-	-	-	-	310	102	310	102	3.72	16.7	.5	-2.4
Kentucky	11,652	147	50,789	139	19,002	108	81,442	133	1.27	-11.5	-1.0	-2.2
Louisiana	-	-	1,973	131	-	-	1,973	131	1.34	-22.8	-4.6	-1.1
Maryland	-	-	2,224	111	121	90	2,345	110	1.52	-22.9	-9.5	13.0
Missouri	-	-	-	-	187	123	187	123	3.23	25.6	3.2	10.3
Montana	13,067	135	13,107	90	-	-	26,174	113	.60	-11.7	-3.3	1.0
New Mexico	5,431	147	15,052	136	-	-	20,483	139	.76	3.0	-2	1.0
North Dakota	-	-	18,020	73	111	54	18,132	73	1.16	3.5	-3.9	-2
Ohio	-	-	540	117	14,893	141	15,433	141	2.95	-13.4	-1.1	-2.5
Oklahoma	-	-	-	-	145	110	145	110	2.86	24.5	-5	3.2
Pennsylvania	377	149	26,110	127	8,437	120	34,924	125	1.48	-19.5	-5.1	2.6
Tennessee	65	115	1,527	131	-	-	1,592	131	.96	-12.3	2.9	-7.3
Texas	-	-	21,317	107	14,909	93	36,226	101	1.55	-2.0	2.2	-5.8
Utah	13,581	108	266	126	-	-	13,847	108	.40	.2	-7.9	-1.1
Virginia	5,656	154	8,527	138	417	132	14,600	144	.78	18.4	-2	.8
Washington	-	-	3,124	166	-	-	3,124	166	1.16	-9.0	4.4	40.6
West Virginia	27,238	144	31,661	131	18,451	132	77,350	136	1.18	-1.7	-2.4	-3.7
Wyoming	229,607	109	11,280	107	-	-	240,887	109	.38	6.5	-2.9	-1.7
Imported.....	3,837	149	222	143	-	-	4,059	149	.48	-5.4	-4.8	-8.4
Total.....	343,373	120	229,975	127	107,915	119	681,263	122	1.00	-1.7	-2.8	-4.8

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-September 1999, 1998

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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Alabama	22,271	23,237	77.9	86.5	0.95	1.00	150	158
Alabama.....	9,989	12,299	87.5	93.0	.86	.92	179	186
Colorado.....	30	483	—	95.7	.35	.42	112	118
Illinois.....	1,411	693	33.0	13.8	1.81	1.86	127	126
Indiana.....	—	61	—	—	—	3.13	—	110
Kentucky.....	2,500	3,339	79.9	72.2	1.84	1.72	116	119
Pennsylvania.....	—	29	—	100.0	—	1.53	—	112
Tennessee.....	315	438	100.0	100.0	.72	.70	138	137
Virginia.....	61	—	—	—	.65	—	138	—
West Virginia.....	378	1,302	3.6	49.8	2.51	1.50	112	133
Wyoming.....	7,100	4,594	78.1	99.7	.39	.31	118	118
Imported coal Colombia.....	486	—	53.9	—	.47	—	164	—
Arizona	14,511	14,082	85.9	86.7	.53	.54	133	133
Arizona.....	5,919	5,768	100.0	100.0	.48	.49	116	116
Colorado.....	438	122	—	—	.39	.43	174	189
Montana.....	70	—	—	—	.35	—	123	—
New Mexico.....	7,988	7,941	81.9	81.2	.59	.58	144	147
Wyoming.....	96	251	—	—	.31	.29	115	119
Arkansas	11,840	10,361	92.5	92.1	.31	.36	150	151
Wyoming.....	11,840	10,361	92.5	92.1	.31	.36	150	151
Colorado	13,554	13,494	92.7	94.1	.40	.39	98	99
Colorado.....	7,713	8,346	91.1	92.0	.43	.41	106	106
Wyoming.....	5,841	5,148	94.9	97.5	.35	.35	86	85
Connecticut	35	479	—	80.4	.45	.40	169	181
Kentucky.....	—	370	—	88.4	—	.38	—	183
West Virginia.....	—	73	—	79.5	—	.46	—	182
Imported coal Venezuela.....	35	36	—	—	.45	.42	169	162
Delaware	807	1,359	94.9	96.8	.78	.74	157	157
Kentucky.....	21	92	49.1	100.0	.52	.53	177	172
Maryland.....	84	118	100.0	100.0	1.14	1.11	146	146
Pennsylvania.....	254	390	100.0	97.6	1.03	1.02	144	142
Virginia.....	108	110	91.1	100.0	.57	.59	176	176
West Virginia.....	340	649	93.9	94.8	.57	.56	164	163
Florida	18,743	20,579	71.9	66.6	1.22	1.26	160	166
Alabama.....	72	126	—	—	1.86	.84	133	160
Illinois.....	5,821	5,259	83.1	82.1	1.70	1.85	150	165
Indiana.....	—	30	—	100.0	—	2.79	—	125
Kentucky.....	8,375	10,305	72.8	65.1	1.11	1.18	168	169
Pennsylvania.....	93	—	100.0	—	1.42	—	138	—
Virginia.....	662	549	98.2	96.6	.59	.62	203	208
West Virginia.....	1,635	1,616	44.6	51.5	1.30	1.30	153	165
Wyoming.....	250	819	—	—	.23	.46	125	136
Imported coal Australia.....	63	—	—	—	.58	—	124	—
Imported coal Colombia.....	983	1,191	99.2	82.3	.56	.54	147	148
Imported coal Indonesia.....	388	448	—	67.0	.13	.23	131	158
Imported coal Venezuela.....	400	235	20.6	—	.43	.58	154	159
Georgia	25,385	24,136	59.4	48.6	.68	.72	154	155
Alabama.....	91	72	—	—	1.35	1.52	126	142
Illinois.....	899	518	100.0	100.0	.86	1.18	149	137
Kentucky.....	11,794	12,218	73.9	55.7	.78	.81	149	149
Tennessee.....	—	10	—	—	—	.51	—	155
Virginia.....	3,995	2,610	67.9	56.7	.68	.69	152	153
West Virginia.....	3,061	3,779	90.3	77.5	.57	.61	182	181
Wyoming.....	5,184	4,594	—	—	.39	.41	151	150
Imported coal Venezuela.....	361	336	—	—	.59	.84	139	146
Illinois	28,944	29,357	83.8	86.5	1.13	1.15	146	161
Colorado.....	1,066	945	98.2	87.8	.45	.44	128	139
Illinois.....	9,920	10,653	93.3	85.1	2.25	2.32	124	126
Indiana.....	388	1,125	43.8	72.3	1.75	.84	144	151
Kentucky.....	102	9	100.0	—	1.86	.57	125	169
Montana.....	1,242	1,049	100.0	100.0	.37	.35	164	230
Utah.....	338	618	100.0	93.2	.43	.40	138	166
Wyoming.....	15,887	14,958	76.1	87.4	.38	.33	164	189
Indiana	42,733	42,842	78.8	70.1	1.48	1.55	111	112
Illinois.....	3,198	3,192	66.4	63.9	2.19	2.15	114	118
Indiana.....	21,381	21,526	76.3	65.7	2.05	2.11	106	108
Kentucky.....	1,636	995	47.9	49.6	.94	1.28	121	121
Ohio.....	286	778	—	—	3.96	3.40	109	110
Pennsylvania.....	486	494	94.0	96.6	1.59	1.58	112	106

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Indiana								
Virginia.....	797	663	89.6	100.0	0.48	0.53	157	158
West Virginia.....	1,696	1,533	54.6	44.8	1.07	1.05	121	117
Wyoming.....	13,254	13,661	93.1	84.3	.33	.34	112	115
Iowa	16,372	15,785	71.1	75.6	.47	.51	83	89
Colorado.....	285	363	100.0	100.0	.43	.42	134	131
Illinois.....	335	277	43.3	26.4	1.50	2.40	118	112
Indiana.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	-	117	-	54.4	-	2.24	-	117
Montana.....	81	84	-	26.8	.37	.32	144	137
Ohio.....	*	5	-	-	3.31	3.31	140	140
Pennsylvania.....	9	5	-	-	1.07	1.00	161	140
West Virginia.....	9	1	-	-	1.07	2.08	161	164
Wyoming.....	15,655	14,843	71.7	76.2	.44	.44	80	86
Kansas	14,939	14,014	72.1	98.8	.50	.52	95	98
Colorado.....	350	727	100.0	100.0	.46	.42	143	122
Kansas.....	308	266	-	100.0	3.72	3.81	102	102
Missouri.....	-	21	-	100.0	-	3.05	-	127
Montana.....	1,105	120	100.0	100.0	.37	.36	90	93
Oklahoma.....	53	56	100.0	100.0	2.71	2.77	119	118
Wyoming.....	13,124	12,823	70.5	98.7	.41	.42	93	96
Kentucky	26,318	28,254	75.5	64.6	1.96	2.09	106	106
Colorado.....	2,148	2,079	95.1	100.0	.40	.42	133	127
Illinois.....	226	173	-	-	2.13	2.05	101	100
Indiana.....	1,417	1,551	99.5	94.7	3.02	2.92	99	96
Kentucky.....	16,022	19,271	76.6	56.7	2.35	2.32	102	104
Ohio.....	87	531	69.3	90.5	3.29	3.48	93	94
Pennsylvania.....	274	59	5.1	84.3	1.38	1.66	117	108
Utah.....	-	11	-	100.0	-	.52	-	140
West Virginia.....	5,431	4,485	67.2	71.6	1.37	1.53	109	109
Wyoming.....	713	94	57.4	23.9	.31	.32	105	94
Louisiana	10,562	10,470	100.0	98.6	.72	.71	139	143
Colorado.....	-	42	-	-	-	.44	-	153
Louisiana.....	1,973	2,557	100.0	100.0	1.34	1.36	131	137
Texas.....	-	123	-	100.0	-	2.34	-	132
Wyoming.....	8,589	7,674	100.0	99.6	.60	.52	141	144
Imported coal Indonesia.....	-	75	-	-	-	.09	-	214
Maryland	7,918	8,179	88.8	69.5	.87	.91	139	145
Kentucky.....	223	370	100.0	100.0	.55	.57	140	146
Maryland.....	122	502	32.7	89.2	1.11	1.14	132	176
Pennsylvania.....	2,207	2,404	70.2	18.0	1.17	1.12	139	147
West Virginia.....	5,337	4,904	97.9	90.5	.76	.81	139	142
Imported coal Colombia.....	29	-	-	-	.57	-	132	-
Massachusetts	433	3,316	40.5	85.7	.57	.56	176	167
Kentucky.....	134	519	82.0	88.5	.42	.51	184	179
Pennsylvania.....	48	117	100.0	100.0	.95	1.18	162	161
West Virginia.....	250	1,740	6.7	76.3	.58	.56	174	168
Imported coal Colombia.....	-	467	-	100.0	-	.51	-	170
Imported coal Venezuela.....	-	472	-	100.0	-	.53	-	153
Michigan	23,962	25,643	79.4	77.9	.59	.63	130	133
Colorado.....	596	515	100.0	96.7	.44	.45	139	140
Illinois.....	-	25	-	-	-	1.08	-	152
Indiana.....	132	120	54.6	100.0	2.13	2.11	132	138
Kentucky.....	2,902	3,331	46.9	64.7	.66	.68	146	151
Montana.....	6,579	7,682	94.8	92.9	.37	.39	144	146
Ohio.....	92	111	42.8	26.1	2.51	2.65	155	157
Pennsylvania.....	1,849	2,600	80.8	60.6	1.12	1.16	123	126
Utah.....	-	30	-	-	-	.44	-	146
West Virginia.....	3,929	3,600	52.4	53.9	.87	.93	142	152
Wyoming.....	7,883	7,628	91.0	85.4	.30	.35	102	99
Minnesota	12,593	13,259	93.1	96.7	.49	.50	111	110
Colorado.....	12	-	-	-	.42	-	127	-
Illinois.....	20	36	100.0	100.0	.92	1.16	162	161
Indiana.....	79	43	99.9	-	.76	1.18	157	149
Kentucky.....	*	-	-	-	.74	-	150	-
Montana.....	6,340	6,971	94.0	96.1	.67	.68	112	111
Wyoming.....	6,142	6,209	92.2	98.0	.29	.28	109	107
Mississippi	4,561	4,694	64.7	85.8	.69	.70	156	153
Alabama.....	-	28	-	-	-	.57	-	148

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Mississippi								
Colorado	1,100	-	-	-	0.45	-	158	-
Illinois	1,114	1,050	98.0	87.7	1.23	1.32	141	141
Kentucky	855	670	99.5	97.7	.70	.72	186	200
Montana	809	2,450	100.0	100.0	.39	.40	148	146
Wyoming	201	366	100.0	-	.48	.48	136	133
Imported coal Colombia	466	-	-	-	.37	-	148	-
Imported coal Venezuela	16	129	-	-	.62	.60	142	139
Missouri	28,418	28,636	57.3	60.6	.39	.42	93	92
Colorado	-	30	-	-	-	.54	-	137
Illinois	1,289	1,479	43.7	35.1	1.73	1.73	139	130
Indiana	-	148	-	-	-	.60	-	131
Kansas	2	-	-	-	3.21	-	124	-
Kentucky	31	36	100.0	58.9	1.04	1.63	194	190
Missouri	187	128	100.0	95.6	3.23	2.91	123	118
Oklahoma	9	-	54.5	-	2.74	-	128	-
Utah	32	-	-	-	.27	-	121	-
Wyoming	26,867	26,815	57.6	62.2	.28	.31	90	88
Montana	7,726	7,767	100.0	100.0	.86	.86	72	66
Montana	7,251	7,552	100.0	100.0	.90	.87	73	67
Wyoming	475	215	100.0	100.0	.24	.29	58	55
Nebraska	8,771	8,797	86.5	80.1	.35	.32	56	59
Utah	3	-	-	-	.23	-	127	-
Wyoming	8,768	8,797	86.5	80.1	.35	.32	56	59
Nevada	5,783	5,616	87.0	84.3	.42	.41	132	134
Arizona	3,222	3,140	100.0	100.0	.44	.46	132	127
Colorado	-	20	-	100.0	-	.41	-	196
Utah	2,561	2,456	70.6	64.2	.38	.35	133	142
New Hampshire	917	1,075	55.3	71.4	1.00	1.06	152	161
Kentucky	10	-	100.0	-	1.90	-	160	-
Pennsylvania	413	621	96.8	97.6	1.22	1.12	160	166
West Virginia	107	161	91.9	100.0	1.74	1.78	151	160
Imported coal Colombia	-	35	-	-	-	.49	-	173
Imported coal Venezuela	388	258	-	-	.52	.52	144	148
New Jersey	1,826	1,582	93.5	81.2	.83	.83	147	160
Kentucky	141	49	100.0	41.7	.62	.61	147	156
Pennsylvania	-	*	-	100.0	-	.61	-	192
Virginia	505	581	100.0	99.1	.51	.52	141	155
West Virginia	1,175	913	89.8	75.3	1.00	1.08	149	164
Imported coal Poland	4	-	100.0	-	.61	-	193	-
Imported coal Venezuela	1	39	100.0	-	.61	.52	193	155
New Mexico	12,325	11,614	100.0	100.0	.88	.88	134	133
New Mexico	12,325	11,614	100.0	100.0	.88	.88	134	133
New York	3,560	6,730	81.0	86.8	1.32	1.31	144	144
Kentucky	354	747	97.5	79.6	.47	.51	181	180
Ohio	-	3	-	-	-	3.17	-	128
Pennsylvania	1,690	2,893	80.8	84.2	1.40	1.28	137	137
West Virginia	1,076	2,641	74.7	90.8	1.80	1.71	137	137
Imported coal Colombia	-	35	-	100.0	-	.47	-	170
Imported coal Venezuela	439	410	84.1	91.6	.50	.47	161	169
North Carolina	19,219	20,606	77.8	75.8	.68	.72	144	144
Kentucky	9,282	11,848	80.0	68.1	.73	.77	143	142
Virginia	591	180	46.1	.1	.68	.76	146	134
West Virginia	9,346	8,578	77.6	88.1	.63	.64	145	148
North Dakota	18,132	17,516	100.0	100.0	1.16	1.16	73	76
North Dakota	18,132	17,516	100.0	100.0	1.16	1.16	73	76
Wyoming	*	-	-	-	.90	-	54	-
Ohio	39,663	40,085	67.4	72.4	1.64	1.71	136	137
Illinois	-	2	-	-	-	.73	-	132
Indiana	-	17	-	-	-	1.03	-	116
Kentucky	7,065	6,032	68.7	50.4	.71	.75	122	123
Ohio	13,893	15,374	87.5	85.1	2.91	2.99	145	148
Pennsylvania	3,344	3,712	16.9	46.8	1.52	1.41	112	126
Virginia	357	441	100.0	100.0	.51	.54	133	125
West Virginia	13,586	13,451	64.8	78.7	1.02	.91	141	135
Wyoming	1,419	1,056	-	13.6	.31	.36	117	120
Oklahoma	15,677	14,949	100.0	97.1	.35	.35	92	92
Oklahoma	83	60	100.0	100.0	2.97	2.78	102	103
Wyoming	15,593	14,889	100.0	97.1	.33	.33	92	92

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Oregon	1,795	1,385	-	-	0.44	0.38	108	109
Colorado	14	-	-	-	.43	-	75	-
Utah	287	-	-	-	.46	-	103	-
Wyoming	1,494	1,385	-	-	.44	.38	109	109
Pennsylvania	25,842	33,100	84.4	81.2	1.69	1.78	131	136
Maryland	-	22	-	-	-	.94	-	130
Ohio	42	153	100.0	100.0	2.75	3.06	173	166
Pennsylvania	19,685	25,920	81.4	76.9	1.58	1.57	127	131
Virginia	10	-	-	-	.78	-	145	-
West Virginia	6,105	7,005	94.1	96.8	2.04	2.53	144	152
South Carolina	9,658	9,687	82.9	81.5	.91	.94	142	145
Kentucky	8,204	8,424	82.1	78.9	.90	.93	141	144
Tennessee	343	267	81.5	100.0	1.09	1.07	154	153
Virginia	762	843	98.7	100.0	1.00	1.05	151	150
West Virginia	350	153	70.2	89.8	.98	.76	145	160
South Dakota	1,478	1,315	73.8	100.0	.70	.71	94	93
Montana	1,076	1,315	100.0	100.0	.77	.71	93	93
Wyoming	402	-	3.7	-	.51	-	96	-
Tennessee	21,080	20,200	91.6	78.9	1.36	1.49	113	112
Colorado	2,058	781	94.4	100.0	.42	.43	121	116
Illinois	2,046	1,995	81.9	55.1	1.57	1.74	106	108
Kentucky	9,416	10,942	90.1	76.6	1.87	1.86	113	113
Pennsylvania	797	476	100.0	96.9	1.75	1.63	107	110
Tennessee	927	1,100	99.5	99.4	.99	1.17	119	116
Utah	1,006	1,059	90.2	48.5	.41	.49	124	124
Virginia	1,587	1,281	84.5	94.8	1.26	1.25	130	129
West Virginia	-	12	-	-	-	.60	-	123
Wyoming	3,243	2,553	100.0	93.6	.37	.37	94	91
Texas	74,938	72,264	93.3	92.0	.87	.95	121	126
Colorado	1,024	1,056	84.2	72.0	.38	.36	144	137
Texas	36,226	36,826	100.0	100.0	1.55	1.64	101	99
Wyoming	37,688	34,254	87.1	84.4	.40	.42	135	147
Imported coal Colombia	-	84	-	-	-	.46	-	179
Imported coal Venezuela	-	43	-	-	-	.57	-	186
Utah	10,486	11,114	97.2	98.0	.40	.41	104	118
Colorado	867	1,464	100.0	96.8	.40	.43	164	190
Utah	9,620	9,649	96.9	98.2	.40	.41	99	108
Virginia	9,750	9,520	72.2	66.9	1.04	.77	136	138
Kentucky	2,331	2,271	67.7	53.2	1.43	.94	141	142
Maryland	116	-	100.0	-	3.68	-	88	-
Pennsylvania	216	-	-	-	1.81	-	140	-
Tennessee	7	-	100.0	-	1.22	-	141	-
Virginia	5,164	5,067	77.6	75.8	.81	.75	132	134
West Virginia	1,916	2,181	69.7	60.6	.97	.64	142	144
Washington	4,218	4,568	74.1	75.1	.93	.70	153	148
Montana	1,094	1,135	-	-	.36	.37	123	121
Washington	3,124	3,433	100.0	100.0	1.16	.83	166	159
West Virginia	27,559	25,261	83.7	86.6	1.51	1.53	119	122
Kentucky	-	22	-	-	-	.67	-	114
Maryland	2,023	2,400	97.7	92.6	1.47	1.41	109	109
Ohio	1,033	875	100.0	100.0	3.22	3.04	91	89
Pennsylvania	2,880	2,029	84.9	94.0	1.28	1.20	107	125
West Virginia	21,623	19,936	81.5	84.6	1.47	1.52	123	125
Wisconsin	17,352	17,444	65.9	78.2	.44	.51	104	108
Colorado	615	17	62.8	-	.43	.40	143	146
Illinois	610	722	-	-	.86	.76	135	135
Indiana	137	122	-	-	1.23	1.29	145	140
Kentucky	43	40	-	-	.83	.61	183	186
Montana	526	1,293	79.9	100.0	.36	.62	119	111
New Mexico	170	327	100.0	100.0	.48	.49	159	153
Pennsylvania	680	1,629	95.4	54.7	1.22	1.16	141	146
West Virginia	-	5	-	-	-	1.59	-	177
Wyoming	14,571	13,290	67.3	83.7	.35	.35	95	96
Wyoming	18,607	18,889	100.0	92.4	.58	.61	77	77
Wyoming	18,607	18,889	100.0	92.4	.58	.61	77	77
U.S. Total	681,263	693,262	81.8	81.1	1.00	1.05	122	126

* For quantity data, the value 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-September 1999, 1998

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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Alabama	10,153	12,526	86.1	91.3	0.87	0.92	178	185
Alabama.....	9,989	12,299	87.5	93.0	.86	.92	179	186
Florida.....	72	126	-	-	1.86	.84	133	160
Georgia.....	91	72	-	-	1.35	1.52	126	142
Mississippi.....	-	28	-	-	-	.57	-	148
Arizona	9,141	8,908	100.0	100.0	.47	.48	122	120
Arizona.....	5,919	5,768	100.0	100.0	.48	.49	116	116
Nevada.....	3,222	3,140	100.0	100.0	.44	.46	132	127
Colorado	18,316	16,991	84.1	91.9	.42	.42	125	124
Alabama.....	30	483	-	95.7	.35	.42	112	118
Arizona.....	438	122	-	-	.39	.43	174	189
Colorado.....	7,713	8,346	91.1	92.0	.43	.41	106	106
Illinois.....	1,066	945	98.2	87.8	.45	.44	128	139
Iowa.....	285	363	100.0	100.0	.43	.42	134	131
Kansas.....	350	727	100.0	100.0	.46	.42	143	122
Kentucky.....	2,148	2,079	95.1	100.0	.40	.42	133	127
Louisiana.....	-	42	-	-	-	.44	-	153
Michigan.....	596	515	100.0	96.7	.44	.45	139	140
Minnesota.....	12	-	-	-	.42	-	127	-
Mississippi.....	1,100	-	-	-	.45	-	158	-
Missouri.....	-	30	-	-	-	.54	-	137
Nevada.....	-	20	-	100.0	-	.41	-	196
Oregon.....	14	-	-	-	.43	-	75	-
Tennessee.....	2,058	781	94.4	100.0	.42	.43	121	116
Texas.....	1,024	1,056	84.2	72.0	.38	.36	144	137
Utah.....	867	1,464	100.0	96.8	.40	.43	164	190
Wisconsin.....	615	17	62.8	-	.43	.40	143	146
Illinois	26,888	26,073	78.4	71.6	1.87	1.99	130	133
Alabama.....	1,411	693	33.0	13.8	1.81	1.86	127	126
Florida.....	5,821	5,259	83.1	82.1	1.70	1.85	150	165
Georgia.....	899	518	100.0	100.0	.86	1.18	149	137
Illinois.....	9,920	10,653	93.3	85.1	2.25	2.32	124	126
Indiana.....	3,198	3,192	66.4	63.9	2.19	2.15	114	118
Iowa.....	335	277	43.3	26.4	1.50	2.40	118	112
Kentucky.....	226	173	-	-	2.13	2.05	101	100
Michigan.....	-	25	-	-	-	1.08	-	152
Minnesota.....	20	36	100.0	100.0	.92	1.16	162	161
Mississippi.....	1,114	1,050	98.0	87.7	1.23	1.32	141	141
Missouri.....	1,289	1,479	43.7	35.1	1.73	1.73	139	130
Ohio.....	-	2	-	-	-	.73	-	132
Tennessee.....	2,046	1,995	81.9	55.1	1.57	1.74	106	108
Wisconsin.....	610	722	-	-	.86	.76	135	135
Indiana	23,533	24,832	76.7	67.1	2.09	2.09	107	110
Alabama.....	-	61	-	-	-	3.13	-	110
Florida.....	-	30	-	100.0	-	2.79	-	125
Illinois.....	388	1,125	43.8	72.3	1.75	.84	144	151
Indiana.....	21,381	21,526	76.3	65.7	2.05	2.11	106	108
Iowa.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	1,417	1,551	99.5	94.7	3.02	2.92	99	96
Michigan.....	132	120	54.6	100.0	2.13	2.11	132	138
Minnesota.....	79	43	99.9	-	.76	1.18	157	149
Missouri.....	-	148	-	-	-	.60	-	131
Ohio.....	-	17	-	-	-	1.03	-	116
Wisconsin.....	137	122	-	-	1.23	1.29	145	140
Kansas	310	266	-	100.0	3.72	3.81	102	102
Kansas.....	308	266	-	100.0	3.72	3.81	102	102
Missouri.....	2	-	-	-	3.21	-	124	-
Kentucky	81,442	92,017	76.3	64.6	1.27	1.30	133	135
Alabama.....	2,500	3,339	79.9	72.2	1.84	1.72	116	119
Connecticut.....	-	370	-	88.4	-	.38	-	183
Delaware.....	21	92	49.1	100.0	.52	.53	177	172
Florida.....	8,375	10,305	72.8	65.1	1.11	1.18	168	169
Georgia.....	11,794	12,218	73.9	55.7	.78	.81	149	149
Illinois.....	102	9	100.0	-	1.86	.57	125	169
Indiana.....	1,636	995	47.9	49.6	.94	1.28	121	121
Iowa.....	-	117	-	54.4	-	2.24	-	117
Kentucky.....	16,022	19,271	76.6	56.7	2.35	2.32	102	104
Maryland.....	223	370	100.0	100.0	.55	.57	140	146
Massachusetts.....	134	519	82.0	88.5	.42	.51	184	179

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Kentucky								
Michigan.....	2,902	3,331	46.9	64.7	0.66	0.68	146	151
Minnesota.....	*	-	-	-	.74	-	150	-
Mississippi.....	855	670	99.5	97.7	.70	.72	186	200
Missouri.....	31	36	100.0	58.9	1.04	1.63	194	190
New Hampshire.....	10	-	100.0	-	1.90	-	160	-
New Jersey.....	141	49	100.0	41.7	.62	.61	147	156
New York.....	354	747	97.5	79.6	.47	.51	181	180
North Carolina.....	9,282	11,848	80.0	68.1	.73	.77	143	142
Ohio.....	7,065	6,032	68.7	50.4	.71	.75	122	123
South Carolina.....	8,204	8,424	82.1	78.9	.90	.93	141	144
Tennessee.....	9,416	10,942	90.1	76.6	1.87	1.86	113	113
Virginia.....	2,331	2,271	67.7	53.2	1.43	.94	141	142
West Virginia.....	-	22	-	-	-	.67	-	114
Wisconsin.....	43	40	-	-	.83	.61	183	186
Louisiana	1,973	2,557	100.0	100.0	1.34	1.36	131	137
Louisiana.....	1,973	2,557	100.0	100.0	1.34	1.36	131	137
Maryland	2,345	3,041	94.5	91.7	1.52	1.35	110	122
Delaware.....	84	118	100.0	100.0	1.14	1.11	146	146
Maryland.....	122	502	32.7	89.2	1.11	1.14	132	176
Pennsylvania.....	-	22	-	-	-	.94	-	130
Virginia.....	116	-	100.0	-	3.68	-	88	-
West Virginia.....	2,023	2,400	97.7	92.6	1.47	1.41	109	109
Missouri	187	149	100.0	96.2	3.23	2.93	123	119
Kansas.....	-	21	-	100.0	-	3.05	-	127
Missouri.....	187	128	100.0	95.6	3.23	2.91	123	118
Montana	26,174	29,652	92.1	93.2	.60	.59	113	117
Arizona.....	70	-	-	-	.35	-	123	-
Illinois.....	1,242	1,049	100.0	100.0	.37	.35	164	230
Iowa.....	81	84	-	26.8	.37	.32	144	137
Kansas.....	1,105	120	100.0	100.0	.37	.36	90	93
Michigan.....	6,579	7,682	94.8	92.9	.37	.39	144	146
Minnesota.....	6,340	6,971	94.0	96.1	.67	.68	112	111
Mississippi.....	809	2,450	100.0	100.0	.39	.40	148	146
Montana.....	7,251	7,552	100.0	100.0	.90	.87	73	67
South Dakota.....	1,076	1,315	100.0	100.0	.77	.71	93	93
Washington.....	1,094	1,135	-	-	.36	.37	123	121
Wisconsin.....	526	1,293	79.9	100.0	.36	.62	119	111
New Mexico	20,483	19,882	92.9	92.5	.76	.75	139	139
Arizona.....	7,988	7,941	81.9	81.2	.59	.58	144	147
New Mexico.....	12,325	11,614	100.0	100.0	.88	.88	134	133
Wisconsin.....	170	327	100.0	100.0	.48	.49	159	153
North Dakota	18,132	17,516	100.0	100.0	1.16	1.16	73	76
North Dakota.....	18,132	17,516	100.0	100.0	1.16	1.16	73	76
Ohio	15,433	17,830	86.4	82.0	2.95	3.02	141	142
Indiana.....	286	778	-	-	3.96	3.40	109	110
Iowa.....	*	5	-	-	3.31	3.31	140	140
Kentucky.....	87	531	69.3	90.5	3.29	3.48	93	94
Michigan.....	92	111	42.8	26.1	2.51	2.65	155	157
New York.....	-	3	-	-	-	3.17	-	128
Ohio.....	13,893	15,374	87.5	85.1	2.91	2.99	145	148
Pennsylvania.....	42	153	100.0	100.0	2.75	3.06	173	166
West Virginia.....	1,033	875	100.0	100.0	3.22	3.04	91	89
Oklahoma	145	117	97.1	100.0	2.86	2.78	110	110
Kansas.....	53	56	100.0	100.0	2.71	2.77	119	118
Missouri.....	9	-	54.5	-	2.74	-	128	-
Oklahoma.....	83	60	100.0	100.0	2.97	2.78	102	103
Pennsylvania	34,924	43,380	74.9	71.5	1.48	1.44	125	132
Alabama.....	-	29	-	100.0	-	1.53	-	112
Delaware.....	254	390	100.0	97.6	1.03	1.02	144	142
Florida.....	93	-	100.0	-	1.42	-	138	-
Indiana.....	486	494	94.0	96.6	1.59	1.58	112	106
Iowa.....	9	5	-	-	1.07	1.00	161	140
Kentucky.....	274	59	5.1	84.3	1.38	1.66	117	108
Maryland.....	2,207	2,404	70.2	18.0	1.17	1.12	139	147
Massachusetts.....	48	117	100.0	100.0	.95	1.18	162	161
Michigan.....	1,849	2,600	80.8	60.6	1.12	1.16	123	126
New Hampshire.....	413	621	96.8	97.6	1.22	1.12	160	166
New Jersey.....	-	*	-	100.0	-	.61	-	192

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Pennsylvania								
New York.....	1,690	2,893	80.8	84.2	1.40	1.28	137	137
Ohio.....	3,344	3,712	16.9	46.8	1.52	1.41	112	126
Pennsylvania.....	19,685	25,920	81.4	76.9	1.58	1.57	127	131
Tennessee.....	797	476	100.0	96.9	1.75	1.63	107	110
Virginia.....	216	—	—	—	1.81	—	140	—
West Virginia.....	2,880	2,029	84.9	94.0	1.28	1.20	107	125
Wisconsin.....	680	1,629	95.4	54.7	1.22	1.16	141	146
Tennessee	1,592	1,814	95.7	99.1	.96	1.04	131	127
Alabama.....	315	438	100.0	100.0	.72	.70	138	137
Georgia.....	—	10	—	—	—	.51	—	155
South Carolina.....	343	267	81.5	100.0	1.09	1.07	154	153
Tennessee.....	927	1,100	99.5	99.4	.99	1.17	119	116
Virginia.....	7	—	100.0	—	1.22	—	141	—
Texas	36,226	36,949	100.0	100.0	1.55	1.65	101	99
Louisiana.....	—	123	—	100.0	—	2.34	—	132
Texas.....	36,226	36,826	100.0	100.0	1.55	1.64	101	99
Utah	13,847	13,825	89.4	87.9	.40	.40	108	118
Illinois.....	338	618	100.0	93.2	.43	.40	138	166
Kentucky.....	—	11	—	100.0	—	.52	—	140
Michigan.....	—	30	—	—	—	.44	—	146
Missouri.....	32	—	—	—	.27	—	121	—
Nebraska.....	3	—	—	—	.23	—	127	—
Nevada.....	2,561	2,456	70.6	64.2	.38	.35	133	142
Oregon.....	287	—	—	—	.46	—	103	—
Tennessee.....	1,006	1,059	90.2	48.5	.41	.49	124	124
Utah.....	9,620	9,649	96.9	98.2	.40	.41	99	108
Virginia	14,600	12,326	78.2	78.7	.78	.77	144	144
Alabama.....	61	—	—	—	.65	—	138	—
Delaware.....	108	110	91.1	100.0	.57	.59	176	176
Florida.....	662	549	98.2	96.6	.59	.62	203	208
Georgia.....	3,995	2,610	67.9	56.7	.68	.69	152	153
Indiana.....	797	663	89.6	100.0	.48	.53	157	158
New Jersey.....	505	581	100.0	99.1	.51	.52	141	155
North Carolina.....	591	180	46.1	.1	.68	.76	146	134
Ohio.....	357	441	100.0	100.0	.51	.54	133	125
Pennsylvania.....	10	—	—	—	.78	—	145	—
South Carolina.....	762	843	98.7	100.0	1.00	1.05	151	150
Tennessee.....	1,587	1,281	84.5	94.8	1.26	1.25	130	129
Virginia.....	5,164	5,067	77.6	75.8	.81	.75	132	134
Washington	3,124	3,433	100.0	100.0	1.16	.83	166	159
Washington.....	3,124	3,433	100.0	100.0	1.16	.83	166	159
West Virginia	77,350	78,718	75.9	80.3	1.18	1.23	136	139
Alabama.....	378	1,302	3.6	49.8	2.51	1.50	112	133
Connecticut.....	—	73	—	79.5	—	.46	—	182
Delaware.....	340	649	93.9	94.8	.57	.56	164	163
Florida.....	1,635	1,616	44.6	51.5	1.30	1.30	153	165
Georgia.....	3,061	3,779	90.3	77.5	.57	.61	182	181
Indiana.....	1,696	1,533	54.6	44.8	1.07	1.05	121	117
Iowa.....	9	1	—	—	1.07	2.08	161	164
Kentucky.....	5,431	4,485	67.2	71.6	1.37	1.53	109	109
Maryland.....	5,337	4,904	97.9	90.5	.76	.81	139	142
Massachusetts.....	250	1,740	6.7	76.3	.58	.56	174	168
Michigan.....	3,929	3,600	52.4	53.9	.87	.93	142	152
New Hampshire.....	107	161	91.9	100.0	1.74	1.78	151	160
New Jersey.....	1,175	913	89.8	75.3	1.00	1.08	149	164
New York.....	1,076	2,641	74.7	90.8	1.80	1.71	137	137
North Carolina.....	9,346	8,578	77.6	88.1	.63	.64	145	148
Ohio.....	13,586	13,451	64.8	78.7	1.02	.91	141	135
Pennsylvania.....	6,105	7,005	94.1	96.8	2.04	2.53	144	152
South Carolina.....	350	153	70.2	89.8	.98	.76	145	160
Tennessee.....	—	12	—	—	—	.60	—	123
Virginia.....	1,916	2,181	69.7	60.6	.97	.64	142	144
West Virginia.....	21,623	19,936	81.5	84.6	1.47	1.52	123	125
Wisconsin.....	—	5	—	—	—	1.59	—	177
Wyoming	240,887	226,167	80.0	82.4	.38	.39	109	112
Alabama.....	7,100	4,594	78.1	99.7	.39	.31	118	118
Arizona.....	96	251	—	—	.31	.29	115	119
Arkansas.....	11,840	10,361	92.5	92.1	.31	.36	150	151

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
Wyoming								
Colorado	5,841	5,148	94.9	97.5	0.35	0.35	86	85
Florida.....	250	819	—	—	.23	.46	125	136
Georgia	5,184	4,594	—	—	.39	.41	151	150
Illinois.....	15,887	14,958	76.1	87.4	.38	.33	164	189
Indiana.....	13,254	13,661	93.1	84.3	.33	.34	112	115
Iowa.....	15,655	14,843	71.7	76.2	.44	.44	80	86
Kansas.....	13,124	12,823	70.5	98.7	.41	.42	93	96
Kentucky.....	713	94	57.4	23.9	.31	.32	105	94
Louisiana	8,589	7,674	100.0	99.6	.60	.52	141	144
Michigan.....	7,883	7,628	91.0	85.4	.30	.35	102	99
Minnesota.....	6,142	6,209	92.2	98.0	.29	.28	109	107
Mississippi.....	201	366	100.0	—	.48	.48	136	133
Missouri.....	26,867	26,815	57.6	62.2	.28	.31	90	88
Montana.....	475	215	100.0	100.0	.24	.29	58	55
Nebraska.....	8,768	8,797	86.5	80.1	.35	.32	56	59
North Dakota.....	*	—	—	—	.90	—	54	—
Ohio.....	1,419	1,056	—	13.6	.31	.36	117	120
Oklahoma.....	15,593	14,889	100.0	97.1	.33	.33	92	92
Oregon.....	1,494	1,385	—	—	.44	.38	109	109
South Dakota.....	402	—	3.7	—	.51	—	96	—
Tennessee.....	3,243	2,553	100.0	93.6	.37	.37	94	91
Texas.....	37,688	34,254	87.1	84.4	.40	.42	135	147
Wisconsin.....	14,571	13,290	67.3	83.7	.35	.35	95	96
Wyoming.....	18,607	18,889	100.0	92.4	.58	.61	77	77
Imported Coal.....	4,059	4,293	41.7	61.3	.48	.52	149	157
Poland.....	4	—	100.0	—	.61	—	193	—
New Jersey.....	4	—	100.0	—	.61	—	193	—
Australia.....	63	—	—	—	.58	—	124	—
Florida.....	63	—	—	—	.58	—	124	—
Colombia.....	1,964	1,811	63.0	81.8	.49	.52	151	156
Alabama.....	486	—	53.9	—	.47	—	164	—
Florida.....	983	1,191	99.2	82.3	.56	.54	147	148
Maryland.....	29	—	—	—	.57	—	132	—
Massachusetts.....	—	467	—	100.0	—	.51	—	170
Mississippi.....	466	—	—	—	.37	—	148	—
New Hampshire.....	—	35	—	—	—	.49	—	173
New York.....	—	35	—	100.0	—	.47	—	170
Texas.....	—	84	—	—	—	.46	—	179
Venezuela.....	1,640	1,958	27.6	43.3	.51	.58	150	155
Connecticut.....	35	36	—	—	.45	.42	169	162
Florida.....	400	235	20.6	—	.43	.58	154	159
Georgia.....	361	336	—	—	.59	.84	139	146
Massachusetts.....	—	472	—	100.0	—	.53	—	153
Mississippi.....	16	129	—	—	.62	.60	142	139
New Hampshire.....	388	258	—	—	.52	.52	144	148
New Jersey.....	1	39	100.0	—	.61	.52	193	155
New York.....	439	410	84.1	91.6	.50	.47	161	169
Texas.....	—	43	—	—	—	.57	—	186
Indonesia.....	388	523	—	57.4	.13	.21	131	166
Florida.....	388	448	—	67.0	.13	.23	131	158
Louisiana.....	—	75	—	—	—	.09	—	214
U.S. Total.....	681,263	693,262	81.8	81.1	1.00	1.05	122	126

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

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

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

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

Census Division	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total	1,901	1,994	2,165	5,830	6,403	-9.0
East North Central Total	3,346	3,463	3,205	9,994	9,282	7.7
South Atlantic Total	w	w	w	w	w	w
East South Central Total	935	888	974	2,656	2,860	-7.1
Mountain Total	w	w	w	w	w	w
U.S. Total	6,943	7,205	7,305	20,860	21,355	-2.3

^w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total	\$43.90	\$44.31	\$43.67	\$44.28	\$43.89	0.9
East North Central Total	46.54	48.52	49.12	47.94	48.45	-1.1
South Atlantic Total	w	w	w	w	w	w
East South Central Total	\$43.89	\$46.78	\$46.84	\$45.79	\$46.50	-1.5
Mountain Total	w	w	w	w	w	w
U.S. Total	\$44.92	\$46.37	\$46.43	\$45.95	\$46.02	-2

^w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	w	w	w	w	w	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	27	27	54	80	-33.3
Middle Atlantic Total	1,316	1,431	1,489	4,029	4,283	-5.9
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	904	1,060	1,013	3,009	3,123	-3.7
East North Central Total	3,634	3,540	3,787	10,688	11,482	-6.9
Illinois.....	850	843	888	2,572	2,900	-11.3
Indiana.....	1,021	1,026	986	3,044	3,274	-7.0
Michigan.....	462	485	591	1,238	1,349	-8.3
Ohio.....	843	835	859	2,654	2,769	-4.2
Wisconsin.....	458	350	463	1,179	1,190	-9
West North Central Total	3,269	3,253	3,443	9,816	9,745	.7
Iowa.....	819	878	885	2,307	2,330	-1.0
Kansas.....	30	29	28	80	88	-8.5
Minnesota.....	388	350	384	1,119	1,125	-5
Missouri.....	274	282	320	862	901	-4.4
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	131	112	122	356	331	7.4
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	310	271	329	912	1,018	-10.5
Georgia.....	489	467	465	1,469	1,504	-2.3
Maryland.....	189	184	196	575	560	2.7
North Carolina.....	423	427	453	1,391	1,513	-8.0
South Carolina.....	465	418	477	1,366	1,458	-6.3
Virginia.....	501	552	567	1,654	1,746	-5.3
West Virginia.....	361	365	405	1,102	1,188	-7.2
East South Central Total	w	w	w	w	w	w
Alabama.....	607	616	601	1,822	1,966	-7.3
Kentucky.....	239	407	454	1,085	1,399	-22.4
Mississippi.....	w	w	w	w	w	w
Tennessee.....	795	829	847	2,554	2,726	-6.3
West South Central Total	1,455	1,413	1,427	4,345	4,425	-1.8
Arkansas.....	97	73	62	245	204	20.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,186	1,147	1,191	3,506	3,609	-2.8
Mountain Total	w	w	w	w	w	w
Arizona.....	148	160	179	492	547	-10.1
Colorado.....	161	165	190	506	528	-4.3
Idaho.....	92	72	147	263	322	-18.3
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	238	274	236	644	625	3.1
Wyoming.....	444	529	464	1,436	1,441	-3
Pacific Total	606	717	768	2,139	2,271	-5.8
Alaska.....	w	w	w	w	w	w
California.....	545	656	669	1,957	2,037	-3.9
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
U.S. Total	15,922	16,306	17,211	48,915	51,513	-5.0

^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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	w	w	w	w	w	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	\$35.31	\$34.95	\$35.87	\$34.99	\$35.62	-1.8
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	\$32.44	\$32.97	\$32.92	\$33.00	\$33.48	-1.4
East North Central Total	32.83	33.04	33.15	33.02	32.77	.8
Illinois.....	29.84	29.19	29.78	29.50	29.32	.6
Indiana.....	29.72	30.95	29.96	30.27	30.04	.7
Michigan.....	39.85	38.88	39.13	40.05	39.55	1.3
Ohio.....	32.46	34.04	32.21	33.73	33.09	1.9
Wisconsin.....	39.05	38.25	40.72	39.18	40.53	-3.3
West North Central Total	19.31	19.40	18.86	18.95	18.81	.7
Iowa.....	29.85	29.25	29.64	28.71	28.44	1.0
Kansas.....	31.71	32.47	32.44	32.07	30.77	4.2
Minnesota.....	28.52	31.18	28.59	31.43	30.68	2.5
Missouri.....	29.23	29.53	29.30	29.72	30.54	-2.7
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	\$25.39	\$25.35	\$22.93	\$26.36	\$23.62	11.6
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	\$44.64	\$44.09	\$44.24	\$43.99	\$44.66	-1.5
Georgia.....	44.17	44.49	44.98	44.33	44.56	-5
Maryland.....	32.09	31.62	31.80	31.93	32.57	-2.0
North Carolina.....	40.99	41.67	41.96	41.57	42.59	-2.4
South Carolina.....	43.32	44.66	43.57	43.91	44.11	-4
Virginia.....	43.14	42.46	43.14	42.84	43.85	-2.3
West Virginia.....	33.45	36.36	49.14	39.53	47.99	-17.6
East South Central Total	w	w	w	w	w	w
Alabama.....	\$39.56	\$39.94	\$40.50	\$39.73	\$40.35	-1.5
Kentucky.....	41.47	43.84	42.78	42.92	43.72	-1.8
Mississippi.....	w	w	w	w	w	w
Tennessee.....	\$34.69	\$35.83	\$36.76	\$35.58	\$36.74	-3.2
West South Central Total	22.88	22.28	22.93	23.03	22.63	1.7
Arkansas.....	43.62	42.27	41.60	42.80	41.39	3.4
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	\$20.65	\$20.34	\$21.35	\$21.18	\$20.84	1.6
Mountain Total	w	w	w	w	w	w
Arizona.....	\$40.51	\$39.35	\$38.58	\$40.03	\$38.81	3.1
Colorado.....	24.46	24.69	24.62	24.50	25.03	-2.1
Idaho.....	w	w	w	w	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.....	\$19.62	\$24.71	\$19.80	\$22.48	\$19.07	17.9
Wyoming.....	24.31	24.25	24.01	24.24	24.09	.6
Pacific Total	41.98	42.78	43.07	41.87	43.27	-3.2
Alaska.....	w	w	w	w	w	w
California.....	\$40.35	\$40.26	\$40.71	\$40.03	\$41.16	-2.8
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
U.S. Total	\$31.41	\$31.58	\$32.13	\$31.66	\$32.27	-1.9

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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	1,914	1,900	1,932	5,846	5,925	-1.3
312 Beverage and Tobacco Product Mfg.....	105	116	121	357	387	-7.8
313 Textile Mills.....	188	192	185	610	654	-6.8
315 Apparel Manufacturing.....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing.....	2,955	2,795	3,018	8,842	9,177	-3.7
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	w	w	w	w
325 Chemical Manufacturing.....	2,725	2,905	3,002	8,599	9,179	-6.3
326 Plastics and Rubber Products Mfg.....	43	43	47	129	141	-8.6
327 Nonmetallic Mineral Products Mfg.....	3,498	3,203	3,563	9,610	9,801	-1.9
331 Primary Metal Manufacturing ²	2,061	1,994	2,028	5,784	6,184	-6.5
332 Fabricated Metal Product Mfg.....	9	12	34	104	153	-32.1
333 Machinery Manufacturing.....	58	36	38	158	179	-11.7
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	97	107	91	446	449	-6
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	15,513	15,102	16,009	46,099	47,904	-3.8

¹ Includes coal gasification projects.

² Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	July - September 1999	April - June 1999	July - September 1998	Percent Difference July - September: 1999 versus 1998
311 Food Manufacturing.....	\$30.91	\$29.87	\$29.87	3.5
312 Beverage and Tobacco Product Mfg.....	44.69	43.48	44.55	.3
313 Textile Mills.....	45.65	46.94	45.82	-4
315 Apparel Manufacturing.....	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w
322 Paper Manufacturing.....	\$39.07	\$38.65	\$39.86	-2.0
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	w	w
325 Chemical Manufacturing.....	\$34.03	\$34.04	\$36.40	-6.5
326 Plastics and Rubber Products Mfg.....	30.82	31.68	31.95	-3.5
327 Nonmetallic Mineral Products Mfg.....	35.24	35.32	35.33	-.3
331 Primary Metal Manufacturing ²	23.32	26.38	24.76	-5.8
332 Fabricated Metal Product Mfg.....	56.10	52.74	52.90	6.0
333 Machinery Manufacturing.....	40.40	37.29	37.50	7.7
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$38.44	\$37.52	\$38.33	.3
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
U.S. Total.....	\$31.41	\$31.58	\$32.13	-2.2

¹ Includes coal gasification projects.

² Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	9	9	9	31	31	0.0
Connecticut	1	1	1	4	4	.0
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
New Hampshire	1	1	1	3	3	.0
Rhode Island	*	*	*	2	2	.0
Vermont	*	*	*	1	1	.0
Middle Atlantic Total	199	199	199	695	695	.0
New Jersey.....	w	w	w	w	w	w
New York	w	w	w	w	w	w
Pennsylvania	168	168	168	589	589	.0
East North Central Total	254	254	254	890	890	.0
Illinois	47	47	47	166	166	.0
Indiana.....	74	74	74	260	260	.0
Michigan	29	29	29	101	101	.0
Ohio.....	78	78	78	274	274	.0
Wisconsin.....	26	26	26	90	90	.0
West North Central Total	121	121	121	424	424	.0
Iowa.....	56	56	56	195	195	.0
Kansas	*	*	*	*	*	.0
Minnesota.....	8	8	8	29	29	.0
Missouri	33	33	33	116	116	.0
Nebraska	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	*	*	*	*	*	.0
South Atlantic Total	128	128	128	448	448	.0
Delaware	w	w	w	w	w	w
District of Columbia.....	1	1	1	4	4	.0
Florida	1	1	1	4	4	.0
Georgia.....	2	2	2	8	8	.0
Maryland	11	11	11	37	37	.0
North Carolina	40	40	40	140	140	.0
South Carolina	5	5	5	16	16	.0
Virginia	34	34	34	120	120	.0
West Virginia.....	32	32	32	114	114	.0
East South Central Total	w	w	w	w	w	w
Alabama	2	2	2	7	7	.0
Kentucky	46	46	46	162	162	.0
Mississippi	w	w	w	w	w	w
Tennessee.....	5	5	5	17	17	.0
West South Central Total	3	3	3	10	10	.0
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas	3	3	3	10	10	.0
Mountain Total	w	w	w	w	w	w
Arizona.....	*	*	*	*	*	.0
Colorado.....	4	4	4	12	12	.0
Idaho	12	12	12	40	40	.0
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah.....	23	23	23	79	79	.0
Wyoming.....	32	32	32	111	111	.0
Pacific Total	132	132	132	462	462	.0
Alaska	w	w	w	w	w	w
California	23	23	23	81	81	.0
Hawaii	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	3	3	3	10	10	.0
U.S. Total	971	971	971	3,399	3,399	.0

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

Consumption

Table 37. U.S. Coal Consumption by End-Use Sector 1993-1999

(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Other Power Producers ¹	Total
1993						
January - March	200,285	7,783	19,281	1,817	—	229,165
April - June	187,746	7,886	17,834	1,354	—	214,820
July - September	223,142	7,960	17,675	1,094	—	249,872
October - December	202,335	7,694	20,102	1,956	—	232,087
Total	813,508	31,323	74,892	6,221	18,137	944,081
1994						
January - March	207,915	7,754	19,911	2,016	—	237,596
April - June	196,254	7,965	17,739	1,187	—	223,145
July - September	218,616	7,945	18,123	1,135	—	245,820
October - December	194,484	8,077	19,405	1,674	—	223,640
Total	817,270	31,740	75,179	6,013	21,260	951,461
1995						
January - March	198,782	8,140	19,135	1,638	—	227,695
April - June	191,107	8,291	17,066	1,032	—	217,496
July - September	232,033	8,330	17,990	1,063	—	259,415
October - December	207,085	8,251	18,864	2,074	—	236,274
Total	829,007	33,011	73,055	5,807	21,158	962,039
1996						
January - March	214,987	7,958	18,612	1,802	—	243,360
April - June	203,210	7,965	16,888	1,201	—	229,264
July - September	233,609	8,016	16,831	1,201	—	259,657
October - December	222,875	7,767	18,610	1,802	—	251,053
Total	874,681	31,706	70,941	6,006	22,239	1,005,573
1997						
January - March	218,753	7,590	18,351	1,939	—	246,633
April - June	207,661	7,410	17,099	1,293	—	233,463
July - September	243,691	7,700	16,781	1,293	—	269,464
October - December	230,256	7,503	18,368	1,939	—	258,065
Total	900,361	30,203	70,599	6,463	21,603	1,029,228
1998						
January - March	220,433	6,735	18,192	1,457	—	246,817
April - June	218,356	7,239	17,000	971	—	243,566
July - September	252,331	7,172	16,511	971	—	276,986
October - December	219,746	7,042	17,537	1,457	—	245,782
Total	910,867	28,189	69,240	4,856	^E 28,081	^E 1,041,233
1999						
January - March	217,281	6,795	17,454	1,457	—	242,987
April - June	214,706	7,072	16,442	971	—	239,192
July - September	247,862	7,024	15,440	971	—	271,298
Total	679,849	20,892	49,337	3,399	—	753,476

¹ Coal consumed by independent power producers 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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	539	524	1,404	1,571	4,768	-67.1
Connecticut.....	1	1	83	4	429	-99.0
Maine.....	37	21	37	77	111	-30.8
Massachusetts.....	182	184	848	503	3,035	-83.4
New Hampshire.....	319	291	408	930	1,110	-16.2
Rhode Island.....	*	*	*	2	2	.0
Vermont.....	*	27	27	55	82	-32.8
Middle Atlantic Total	13,944	13,049	18,799	43,899	53,329	-17.7
New Jersey.....	828	484	825	2,002	1,799	11.3
New York.....	1,086	2,013	3,273	6,118	9,255	-33.9
Pennsylvania.....	12,030	10,552	14,700	35,779	42,275	-15.4
East North Central Total	62,638	56,209	63,292	175,723	177,889	-1.2
Illinois.....	12,394	11,035	12,949	33,941	33,971	-1.1
Indiana.....	17,882	15,894	18,069	49,808	50,348	-1.1
Michigan.....	10,281	8,951	9,827	28,680	28,286	1.4
Ohio.....	15,473	14,528	15,821	44,568	46,577	-4.3
Wisconsin.....	6,609	5,802	6,626	18,725	18,706	.1
West North Central Total	39,000	33,707	38,538	107,935	108,347	-4
Iowa.....	6,182	5,494	6,378	17,314	17,634	-1.8
Kansas.....	5,312	4,659	5,010	14,276	13,845	3.1
Minnesota.....	5,109	4,504	5,066	14,166	14,446	-1.9
Missouri.....	10,487	8,877	10,696	28,652	29,292	-2.2
Nebraska.....	3,202	2,517	2,993	8,303	8,717	-4.8
North Dakota.....	7,839	6,997	7,849	23,011	22,608	1.8
South Dakota.....	867	659	547	2,213	1,805	22.6
South Atlantic Total	48,752	42,554	49,440	131,866	132,663	-6
Delaware.....	376	317	534	1,082	1,421	-23.9
District of Columbia.....	1	1	1	4	4	.0
Florida.....	8,058	6,566	8,212	20,495	22,022	-6.9
Georgia.....	9,854	8,483	10,089	25,580	25,332	1.0
Maryland.....	3,332	2,651	3,268	8,876	9,069	-2.1
North Carolina.....	8,225	7,172	8,700	21,739	22,507	-3.4
South Carolina.....	4,401	4,071	4,419	11,940	11,480	4.0
Virginia.....	4,212	3,989	4,190	12,222	12,011	1.8
West Virginia.....	10,292	9,303	10,026	29,929	28,816	3.9
East South Central Total	30,430	27,972	29,712	85,367	83,237	2.6
Alabama.....	10,993	9,414	10,138	28,708	27,223	5.5
Kentucky.....	10,454	10,907	10,575	32,075	30,297	5.9
Mississippi.....	1,814	1,487	1,842	4,548	4,890	-7.0
Tennessee.....	7,168	6,165	7,157	20,036	20,827	-3.8
West South Central Total	41,788	36,010	40,828	111,803	112,027	-2
Arkansas.....	3,979	3,658	4,336	11,273	10,640	5.9
Louisiana.....	4,259	2,894	3,698	10,172	10,628	-4.3
Oklahoma.....	5,447	4,448	5,521	14,565	15,766	-7.6
Texas.....	28,104	25,010	27,272	75,793	74,994	1.1
Mountain Total	31,281	26,625	31,634	87,055	86,601	.5
Arizona.....	5,436	4,535	5,340	14,470	13,888	4.2
Colorado.....	4,836	4,229	4,967	13,560	13,685	-9
Idaho.....	25	23	44	240	238	.7
Montana.....	2,762	2,300	2,856	7,818	7,850	-4
Nevada.....	2,345	1,535	2,337	5,857	5,765	1.6
New Mexico.....	4,392	3,903	4,378	12,530	11,725	6.9
Utah.....	4,337	3,915	4,347	12,146	12,221	-6
Wyoming.....	7,149	6,186	7,365	20,434	21,228	-3.7
Pacific Total	2,926	2,542	3,339	8,259	8,508	-2.9
Alaska.....	159	142	135	503	495	1.6
California.....	591	770	714	2,098	2,059	1.9
Hawaii.....	26	33	25	100	132	-24.1
Oregon.....	596	366	615	1,503	1,399	7.5
Washington.....	1,553	1,231	1,850	4,055	4,423	-8.3
U.S. Total	271,298	239,192	276,986	753,476	767,369	-1.8

* Rounded to zero.

Notes: Unlike Table 37, consumption data exclude coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors. See Table 37, Other Power Producers column. 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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	486	462	1,324	1,386	4,523	-69.4
Connecticut.....	-	-	82	-	425	-
Maine.....	-	-	-	-	-	-
Massachusetts.....	167	172	835	459	2,991	-84.7
New Hampshire.....	318	290	407	927	1,107	-16.3
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	10,614	9,445	15,090	33,325	41,939	-20.5
New Jersey.....	825	482	822	1,993	1,788	11.5
New York.....	420	1,289	2,531	4,023	7,016	-42.7
Pennsylvania.....	9,369	7,674	11,736	27,309	33,136	-17.6
East North Central Total	55,489	49,010	56,352	153,780	155,967	-1.4
Illinois.....	10,922	9,537	11,429	29,417	29,103	1.1
Indiana.....	15,101	13,136	15,321	41,539	41,881	-0.8
Michigan.....	9,184	7,806	8,944	25,184	25,458	-1.1
Ohio.....	14,069	13,154	14,429	40,244	42,157	-4.5
Wisconsin.....	6,213	5,377	6,229	17,397	17,367	.2
West North Central Total	35,755	30,407	35,148	97,667	98,075	-0.4
Iowa.....	5,436	4,703	5,532	14,921	15,155	-1.5
Kansas.....	5,284	4,632	4,983	14,200	13,761	3.2
Minnesota.....	4,746	4,090	4,708	12,896	13,238	-2.6
Missouri.....	10,202	8,545	10,349	27,664	28,235	-2.0
Nebraska.....	3,122	2,469	2,913	8,103	8,508	-4.8
North Dakota.....	6,235	5,425	6,231	18,031	17,702	1.9
South Dakota.....	731	543	431	1,853	1,476	25.6
South Atlantic Total	45,251	38,937	45,675	120,864	121,084	-0.2
Delaware.....	342	274	478	959	1,292	-25.8
District of Columbia.....	-	-	-	-	-	-
Florida.....	7,741	6,254	7,882	19,588	21,055	-7.0
Georgia.....	9,392	8,004	9,618	24,107	23,814	1.2
Maryland.....	3,130	2,455	3,061	8,260	8,470	-2.5
North Carolina.....	7,751	6,691	8,214	20,202	20,886	-3.3
South Carolina.....	3,948	3,601	3,934	10,535	9,988	5.5
Virginia.....	3,411	3,141	3,364	9,674	9,373	3.2
West Virginia.....	9,536	8,517	9,123	27,538	26,205	5.1
East South Central Total	27,841	25,134	26,760	76,982	74,030	4.0
Alabama.....	9,822	8,195	8,884	25,143	23,401	7.4
Kentucky.....	9,853	10,123	9,753	29,874	27,706	7.8
Mississippi.....	1,766	1,444	1,779	4,409	4,718	-6.6
Tennessee.....	6,401	5,372	6,344	17,556	18,204	-3.6
West South Central Total	40,299	34,568	39,444	107,458	107,692	-0.2
Arkansas.....	3,896	3,580	4,264	11,043	10,432	5.9
Louisiana.....	4,249	2,885	3,689	10,145	10,596	-4.3
Oklahoma.....	5,248	4,273	5,346	14,004	15,216	-8.0
Texas.....	26,906	23,831	26,145	72,265	71,448	1.1
Mountain Total	29,953	25,139	30,112	82,778	82,003	.9
Arizona.....	5,280	4,365	5,162	13,967	13,365	4.5
Colorado.....	4,666	4,060	4,776	13,038	13,150	-0.8
Idaho.....	-	-	-	-	-	-
Montana.....	2,747	2,290	2,839	7,756	7,792	-0.5
Nevada.....	2,300	1,474	2,277	5,701	5,607	1.7
New Mexico.....	4,372	3,882	4,357	12,471	11,667	6.9
Utah.....	3,904	3,428	3,823	10,935	10,723	2.0
Wyoming.....	6,684	5,641	6,878	18,911	19,699	-4.0
Pacific Total	2,175	1,605	2,426	5,608	5,807	-3.4
Alaska.....	52	35	29	131	123	6.4
California.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Oregon.....	596	366	615	1,503	1,362	10.4
Washington.....	1,526	1,204	1,782	3,974	4,322	-8.1
U.S. Total	247,862	214,706	252,331	679,849	691,121	-1.6

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, July-September 1999, 1998
(Million Kilowatthours)

Census Division and State	Total ¹		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	-5,683	-32.3	-2,139	-64.7	-3,617	-69.8	-544	-35.2	-791	-91.3	1,377	20
Connecticut.....	1,140	23.9	-193	-100.0	-1,165	-55.5	78	14.5	-3	-6.9	2,411	133.6
Maine.....	-1,023	-99.7	-	-	-591	-99.5	-	-	-432	-100.0	*	-
Massachusetts.....	-5,069	-82.6	-1,717	-79.6	-1,880	-87.3	-75	-18.0	-78	-420.8	-1,319	-94.9
New Hampshire	-51	-1.4	-228	-23.8	10	2.9	24	NM	-158	-76.4	302	13.4
Rhode Island	-588	-99.5	*	-	1	30.1	-588	-100.0	*	-	-	-
Vermont.....	-91	-6.9	*	-	9	NM	18	-	-120	-70.0	-17	-1.5
Middle Atlantic	-14,105	-15.3	-11,149	-30.1	-2,155	-30.4	-1,769	-18.0	-2,106	-32.9	3,7	3.7
New Jersey.....	645	5.7	154	8.4	42	14.3	440	28.3	-4	9.9	13	.2
New York.....	-10,531	-31.6	-5,187	-83.0	-1,222	-26.5	-2,518	-31.2	-2,080	-32.7	480	6.0
Pennsylvania.....	-4,219	-8.9	-6,116	-21.1	-974	-44.8	309	150.2	-22	-25.8	2,585	16.2
East North Central	5,929	4.1	-1,706	-1.5	147	14.7	-372	-10.0	138	26.8	7,765	28.6
Illinois.....	4,853	12.4	-974	-4.7	-49	-21.3	-419	-24.9	-9	-56.8	6,303	37.8
Indiana.....	-177	-6	-122	-4	62	28.5	-53	-13.6	-65	-49.7	-	-
Michigan.....	1,770	7.9	599	3.3	70	18.1	47	5.7	38	NM	1,017	33.2
Ohio.....	-433	-1.1	-905	-2.7	61	60.9	111	39.7	-52	-42.1	352	8.5
Wisconsin.....	-84	-6	-305	-2.8	2	3.5	-59	-11.0	226	91.1	93	2.9
West North Central	1,215	1.6	1,220	2.2	118	24.1	-437	-12.5	715	21.6	-399	-3.3
Iowa.....	-106	-1.0	-90	-1.0	35	66.4	-25	-11.4	26	11.6	-53	-4.7
Kansas.....	212	1.7	418	5.3	65	151.1	-221	-12.9	*	-	-51	-2.0
Minnesota.....	548	4.6	223	2.9	-14	-7.2	-115	-32.1	165	183.7	294	8.9
Missouri.....	-541	-2.6	-82	-5	14	8.9	-11	-1.3	-95	-25.2	-370	-14.6
Nebraska.....	105	1.3	323	6.9	6	45.1	-30	-11.7	24	5.5	-219	-8.1
North Dakota.....	140	1.8	20	.3	9	93.6	*	-16.7	111	17.7	-	-
South Dakota.....	858	36.1	409	58.5	2	15.5	-36	-30.5	484	31.3	-	-
South Atlantic	302	.2	-1,105	-1.0	-2,365	-12.5	2,014	14.4	-274	-18.0	2,033	4.2
Delaware.....	-129	-6.1	-387	-33.6	-143	-35.2	402	72.7	-	-	-	-
District of Columbia.....	2	1.2	-	-	2	1.2	-	-	-	-	-	-
Florida.....	-646	-1.3	-387	-2.1	-1,643	-11.3	1,575	16.2	-14	-26.0	-177	-2.1
Georgia.....	174	.5	-483	-2.1	20	5.7	-88	-8.1	-160	-19.7	886	11.0
Maryland.....	260	1.9	305	3.7	-195	-12.9	128	19.1	-32	-19.7	55	1.6
North Carolina.....	-1,428	-4.4	-1,134	-5.4	-28	-23.5	-1	-2	85	13.6	-350	-3.5
South Carolina.....	1,821	8.1	88	.9	10	7.3	45	18.8	-75	-131.8	1,752	14.5
Virginia.....	-718	-4.0	-105	-1.2	-388	-23.7	-42	-3.9	-49	20.4	-134	-1.9
West Virginia.....	966	4.2	998	4.4	1	2.1	-4	-41.9	-29	-59.4	-	-
East South Central	2,462	2.8	1,849	3.0	-1,448	-62.9	-57	-1.3	6	.1	2,111	12.9
Alabama.....	2,473	8.2	1,453	7.3	-63	-80.5	-331	-23.5	247	17.3	1,167	16.2
Kentucky.....	-365	-1.5	-364	-1.6	-13	-41.1	45	18.7	-33	-4.4	-	-
Mississippi.....	-322	-3.1	333	9.2	-1,194	-66.8	440	17.9	-	-	98	3.8
Tennessee.....	676	2.8	427	2.9	-178	-43.9	-211	-54.6	-208	-9.9	846	12.9
West South Central	-3,598	-2.5	1,510	2.6	-34	-15.8	-4,973	-7.5	369	29.6	-470	-2.7
Arkansas.....	-1,092	-8.2	-535	-7.7	-6	-10.1	-282	-13.8	115	19.9	-384	-10.2
Louisiana.....	-135	-7	872	15.6	-28	-22.8	-720	-6.4	-	-	-258	-6.7
Oklahoma.....	-613	-3.8	-27	-3	1	42.1	-851	-11.8	263	71.3	-	-
Texas.....	-1,757	-1.9	1,200	3.3	-1	-3.4	-3,119	-6.8	-9	-3.1	172	1.8
Mountain	-926	-1.1	560	1.0	-5	-7.1	-970	-15.3	-962	-8.3	452	5.8
Arizona.....	49	.2	266	2.6	-5	-27.3	-360	-18.7	-305	-9.9	452	5.8
Colorado.....	-178	-1.8	-273	-3.1	-4	-23.0	108	24.2	-9	-1.6	*	-
Idaho.....	-85	-2.8	-	-	*	-64.1	*	-	-85	-2.8	-	-
Montana.....	-392	-5.1	-97	-2.2	*	4.0	-7	-42.8	-288	-8.7	-	-
Nevada.....	-374	-4.7	143	2.9	5	87.9	-350	-14.8	-173	-22.9	-	-
New Mexico.....	-128	-1.4	53	.7	3	68.4	-173	-13.6	-11	-14.1	-	-
Utah.....	128	1.4	332	3.8	-4	-48.7	-190	-60.2	-10	-3.4	-	-
Wyoming.....	55	.5	137	1.2	-1	-5.1	1	43.4	-82	-17.7	-	-
Pacific	-4,983	-7.5	-373	-9.9	-42	-73.0	-6,345	-59.2	3,145	7.9	7	.1
California.....	-9,730	-29.3	-	-	-31	-72.2	-5,463	-61.3	-3,134	-23.0	263	2.9
Oregon.....	731	7.2	22	2.1	-5	-78.5	-456	-36.7	1,170	14.9	*	-
Washington.....	4,016	17.1	-395	-14.5	-5	-73.7	-426	-74.1	5,108	28.1	-256	-13.4
Pacific Noncontiguous	28	1.0	25	80.7	-10	-5	50	8.9	-37	-13.9	-	-
Alaska.....	89	8.6	25	80.7	53	29.6	50	8.9	-39	-14.7	-	-
Hawaii.....	-61	-3.7	-	-	-63	-3.8	-	-	2	90.9	-	-
U.S. Total	-19,357	-2.1	-11,309	-2.3	-9,409	-25.3	-13,404	-11.1	203	.3	15,953	8.9

¹ Total also includes geothermal and other renewable energy sources.

* Number less than 0.5 rounded to zero.

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

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

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

Census Division	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total	1,898	1,977	2,148	5,808	6,386	-9.1
East North Central Total	3,410	3,367	3,082	10,022	9,055	10.7
South Atlantic Total	w	w	w	w	w	w
East South Central Total	915	902	949	2,657	2,840	-6.4
Mountain Total	w	w	w	w	w	w
U.S. Total	7,024	7,072	7,172	20,892	21,147	-1.2

^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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	w	w	w	w	w	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	27	27	54	80	-33.3
Middle Atlantic Total	1,233	1,429	1,363	4,071	4,309	-5.5
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	923	1,053	971	3,018	3,151	-4.2
East North Central Total	3,485	3,577	3,604	11,030	11,976	-7.9
Illinois.....	827	855	878	2,605	2,887	-9.8
Indiana.....	1,024	1,032	1,004	3,089	3,386	-8.8
Michigan.....	394	435	498	1,372	1,678	-18.2
Ohio.....	869	856	853	2,725	2,776	-1.9
Wisconsin.....	370	399	372	1,239	1,249	-0.8
West North Central Total	3,124	3,179	3,269	9,844	9,848	*
Iowa.....	690	735	789	2,197	2,283	-3.8
Kansas.....	28	27	27	76	83	-8.4
Minnesota.....	355	406	350	1,242	1,179	5.3
Missouri.....	253	299	313	872	940	-7.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	136	115	116	360	329	9.2
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	316	311	329	903	963	-6.2
Georgia.....	460	478	469	1,465	1,511	-3.0
Maryland.....	192	185	196	578	562	3.0
North Carolina.....	434	441	446	1,396	1,480	-5.7
South Carolina.....	449	465	481	1,389	1,476	-5.9
Virginia.....	507	558	533	1,660	1,756	-5.5
West Virginia.....	355	372	401	1,127	1,189	-5.2
East South Central Total	w	w	w	w	w	w
Alabama.....	574	637	629	1,855	1,987	-6.6
Kentucky.....	235	416	451	1,085	1,418	-23.5
Mississippi.....	w	w	w	w	w	w
Tennessee.....	763	788	809	2,463	2,605	-5.5
West South Central Total	1,486	1,439	1,380	4,335	4,325	.2
Arkansas.....	82	78	72	230	208	10.2
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,195	1,177	1,124	3,518	3,536	-0.5
Mountain Total	1,082	1,224	1,184	3,536	3,549	-4
Arizona.....	156	170	178	502	522	-3.8
Colorado.....	166	166	187	509	523	-2.6
Idaho.....	13	11	33	199	198	.8
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	237	275	237	645	624	3.4
Wyoming.....	433	513	455	1,411	1,417	-0.4
Pacific Total	619	804	781	2,189	2,239	-2.2
Alaska.....	w	w	w	w	w	w
California.....	568	747	691	2,017	1,978	1.9
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
U.S. Total	15,440	16,442	16,511	49,337	51,703	-4.6

* 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 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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	1,660	1,758	1,712	5,646	5,752	-1.8
312 Beverage and Tobacco Product Mfg.....	109	116	121	366	395	-7.3
313 Textile Mills.....	179	192	200	618	694	-10.9
315 Apparel Manufacturing.....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing.....	2,827	2,903	2,915	8,983	9,347	-3.9
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	w	w	w	w
325 Chemical Manufacturing.....	2,792	2,932	2,856	8,756	9,115	-3.9
326 Plastics and Rubber Products Mfg.....	42	42	47	127	140	-9.1
327 Nonmetallic Mineral Products Mfg.....	3,370	3,329	3,389	9,745	9,708	.4
331 Primary Metal Manufacturing ²	2,083	2,012	2,052	5,987	6,456	-7.3
332 Fabricated Metal Product Mfg.....	13	25	31	122	156	-21.8
333 Machinery Manufacturing.....	36	40	24	159	191	-16.3
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	84	125	84	456	470	-3.0
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	15,031	15,239	15,308	46,521	48,093	-3.3

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
New England Total	9	9	9	31	31	0.0
Connecticut.....	1	1	1	4	4	.0
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	1	1	1	3	3	.0
Rhode Island.....	*	*	*	2	2	.0
Vermont.....	*	*	*	1	1	.0
Middle Atlantic Total	199	199	199	695	695	.0
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	168	168	168	589	589	.0
East North Central Total	254	254	254	890	890	.0
Illinois.....	47	47	47	166	166	.0
Indiana.....	74	74	74	260	260	.0
Michigan.....	29	29	29	101	101	.0
Ohio.....	78	78	78	274	274	.0
Wisconsin.....	26	26	26	90	90	.0
West North Central Total	121	121	121	424	424	.0
Iowa.....	56	56	56	195	195	.0
Kansas.....	*	*	*	*	*	.0
Minnesota.....	8	8	8	29	29	.0
Missouri.....	33	33	33	116	116	.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	*	*	.0
South Atlantic Total	128	128	128	448	448	.0
Delaware.....	w	w	w	w	w	w
District of Columbia.....	1	1	1	4	4	.0
Florida.....	1	1	1	4	4	.0
Georgia.....	2	2	2	8	8	.0
Maryland.....	11	11	11	37	37	.0
North Carolina.....	40	40	40	140	140	.0
South Carolina.....	5	5	5	16	16	.0
Virginia.....	34	34	34	120	120	.0
West Virginia.....	32	32	32	114	114	.0
East South Central Total	w	w	w	w	w	w
Alabama.....	2	2	2	7	7	.0
Kentucky.....	46	46	46	162	162	.0
Mississippi.....	w	w	w	w	w	w
Tennessee.....	5	5	5	17	17	.0
West South Central Total	3	3	3	10	10	.0
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	3	3	3	10	10	.0
Mountain Total	w	w	w	w	w	w
Arizona.....	*	*	*	*	*	.0
Colorado.....	4	4	4	12	12	.0
Idaho.....	12	12	12	40	40	.0
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	23	23	23	79	79	.0
Wyoming.....	32	32	32	111	111	.0
Pacific Total	132	132	132	462	462	.0
Alaska.....	w	w	w	w	w	w
California.....	23	23	23	81	81	.0
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	3	3	3	10	10	.0
U.S. Total	971	971	971	3,399	3,399	.0

* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

Stocks

Table 45. U.S. Coal Stocks, 1993-1999
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers ¹				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial ²	Total		
1993 March 31	143,978	2,809	5,831	152,619	38,453	191,072
June 30	145,753	3,020	6,070	154,842	34,827	189,669
September 30	112,833	2,536	6,540	121,909	27,183	149,092
December 31	111,341	2,401	6,716	120,458	25,284	145,742
1994 March 31	105,186	2,232	4,859	112,278	34,139	146,417
June 30	118,391	2,759	5,543	126,694	35,758	162,451
September 30	112,314	2,706	6,206	121,225	32,955	154,180
December 31	126,897	2,657	6,585	136,139	33,219	169,358
1995 March 31	135,778	2,719	5,507	144,004	42,460	186,463
June 30	143,385	2,624	5,649	151,657	42,104	193,761
September 30	123,227	2,476	6,036	131,739	36,193	167,932
December 31	126,304	2,632	5,702	134,639	34,444	169,083
1996 March 31	117,738	2,583	4,431	124,752	36,851	161,603
June 30	127,113	2,601	4,565	134,280	37,344	171,623
September 30	119,473	2,814	5,301	127,588	33,780	161,368
December 31	114,623	2,667	5,688	122,979	28,648	151,627
1997 March 31	113,727	2,372	4,572	120,671	37,544	158,215
June 30	120,787	2,050	4,751	127,588	42,529	170,117
September 30	102,119	2,059	5,338	109,516	39,111	148,627
December 31	98,826	1,978	5,597	106,401	33,973	140,374
1998 March 31	108,101	1,885	4,588	114,574	E 40,994	E 155,568
June 30	117,758	1,995	4,614	124,366	E 38,331	E 162,697
September 30	104,552	2,042	5,268	111,862	E 39,803	E 151,665
December 31	120,501	2,026	5,561	128,089	36,530	164,618
1999 March 31	135,732	1,898	4,776	142,405	E 42,361	E 184,766
June 30	142,232	2,075	4,698	149,005	E 41,533	E 190,538
September 30	129,456	1,975	5,123	136,555	E 35,064	E 171,619

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

² Manufacturing plants only.

E Estimated.

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

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

Table 46. Consumer Coal Stocks by Census Division and State, September 30, 1999
(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial ¹	Total
New England Total	386	—	w	w
Connecticut.....	—	—	—	—
Maine.....	—	—	w	w
Massachusetts.....	117	—	w	w
New Hampshire.....	269	—	—	269
Rhode Island.....	—	—	—	—
Vermont.....	—	—	—	—
Middle Atlantic Total	7,759	596	380	8,736
New Jersey.....	601	—	w	w
New York.....	188	w	w	w
Pennsylvania.....	6,970	w	w	7,654
East North Central Total	34,835	939	1,415	37,190
Illinois.....	6,482	w	263	w
Indiana.....	9,639	w	w	10,368
Michigan.....	8,153	w	548	w
Ohio.....	5,616	w	w	5,822
Wisconsin.....	4,945	—	232	5,177
West North Central Total	21,268	—	1,030	22,298
Iowa.....	4,430	—	583	5,013
Kansas.....	3,818	—	23	3,841
Minnesota.....	2,178	—	179	2,357
Missouri.....	6,223	—	111	6,334
Nebraska.....	2,761	—	w	w
North Dakota.....	1,597	—	w	w
South Dakota.....	262	—	w	w
South Atlantic Total	20,077	w	w	w
Delaware.....	318	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	4,022	—	86	4,108
Georgia.....	4,338	—	148	4,486
Maryland.....	777	w	18	w
North Carolina.....	3,240	—	99	3,339
South Carolina.....	1,906	—	183	2,089
Virginia.....	1,225	w	111	w
West Virginia.....	4,250	w	106	w
East South Central Total	11,313	314	w	w
Alabama.....	3,494	w	w	3,881
Kentucky.....	4,394	w	79	w
Mississippi.....	1,051	—	w	w
Tennessee.....	2,374	—	258	2,632
West South Central Total	20,613	—	365	20,978
Arkansas.....	1,972	—	33	2,004
Louisiana.....	2,711	—	22	2,733
Oklahoma.....	4,842	—	100	4,942
Texas.....	11,088	—	211	11,299
Mountain Total	11,513	w	409	w
Arizona.....	2,358	—	60	2,418
Colorado.....	3,571	—	20	3,591
Idaho.....	—	—	207	207
Montana.....	311	—	w	w
Nevada.....	945	—	w	w
New Mexico.....	835	—	w	w
Utah.....	2,204	w	4	w
Wyoming.....	1,287	—	101	1,389
Pacific Total	1,692	—	205	1,897
Alaska.....	1	—	—	1
California.....	—	—	137	137
Hawaii.....	—	—	w	w
Oregon.....	493	—	w	w
Washington.....	1,198	—	w	w
U.S. Total	129,456	1,975	5,123	136,555

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	September 30, 1999	June 30, 1999	September 30, 1998	Percent Difference September 30: 1999 versus 1998
New England Total	386	407	517	-25.4
Connecticut.....	-	-	121	-
Maine.....	-	-	-	-
Massachusetts.....	117	124	151	-22.5
New Hampshire.....	269	283	246	9.3
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	7,759	9,027	8,794	-11.8
New Jersey.....	601	757	492	22.3
New York.....	188	690	831	-77.3
Pennsylvania.....	6,970	7,580	7,471	-6.7
East North Central Total	34,835	36,603	28,994	20.1
Illinois.....	6,482	6,840	5,044	28.5
Indiana.....	9,639	10,397	6,884	40.0
Michigan.....	8,153	8,971	8,476	-3.8
Ohio.....	5,616	5,943	4,617	21.6
Wisconsin.....	4,945	4,451	3,972	24.5
West North Central Total	21,268	21,714	14,967	42.1
Iowa.....	4,430	3,894	2,776	59.6
Kansas.....	3,818	4,339	2,558	49.3
Minnesota.....	2,178	2,162	1,908	14.2
Missouri.....	6,223	6,863	4,073	52.8
Nebraska.....	2,761	2,851	1,821	51.6
North Dakota.....	1,597	1,475	1,662	-3.9
South Dakota.....	262	130	169	55.2
South Atlantic Total	20,077	25,324	16,751	19.9
Delaware.....	318	239	386	-17.6
District of Columbia.....	-	-	-	-
Florida.....	4,022	5,651	3,350	20.1
Georgia.....	4,338	4,999	2,760	57.2
Maryland.....	777	1,254	900	-13.7
North Carolina.....	3,240	4,533	2,330	39.1
South Carolina.....	1,906	2,533	1,872	1.8
Virginia.....	1,225	1,170	1,274	-3.9
West Virginia.....	4,250	4,945	3,878	9.6
East South Central Total	11,313	13,786	10,225	10.6
Alabama.....	3,494	4,168	3,431	1.9
Kentucky.....	4,394	5,593	4,085	7.6
Mississippi.....	1,051	1,438	589	78.5
Tennessee.....	2,374	2,587	2,121	11.9
West South Central Total	20,613	21,448	12,433	65.8
Arkansas.....	1,972	1,678	1,126	75.2
Louisiana.....	2,711	3,266	1,619	67.4
Oklahoma.....	4,842	4,823	2,247	115.5
Texas.....	11,088	11,682	7,442	49.0
Mountain Total	11,513	12,410	10,502	9.6
Arizona.....	2,358	2,594	2,058	14.6
Colorado.....	3,571	3,631	2,791	27.9
Idaho.....	-	-	-	-
Montana.....	311	315	415	-25.0
Nevada.....	945	1,120	866	9.1
New Mexico.....	835	831	774	8.0
Utah.....	2,204	2,704	2,611	-15.6
Wyoming.....	1,287	1,215	987	30.5
Pacific Total	1,692	1,513	1,368	23.7
Alaska.....	1	-	-	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	493	482	253	95.3
Washington.....	1,198	1,030	1,115	7.4
U.S. Total	129,456	142,232	104,552	23.8

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

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

Census Division	September 30, 1999	June 30, 1999	September 30, 1998	Percent Difference September 30: 1999 versus 1998
Middle Atlantic Total	596	595	572	4.2
East North Central Total	939	1,018	1,029	-8.8
South Atlantic Total	w	w	w	w
East South Central Total	314	296	326	-3.7
Mountain Total	w	w	w	w
U.S. Total	1,975	2,075	2,042	-3.3

^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	September 30, 1999	June 30, 1999	September 30, 1998	Percent Difference September 30: 1999 versus 1998
New England Total	w	w	w	w
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	380	304	w	w
New Jersey.....	w	w	w	w
New York.....	w	w	w	w
Pennsylvania.....	w	w	w	w
East North Central Total	1,415	1,263	1,461	-3.1
Illinois.....	263	240	246	6.9
Indiana.....	w	w	w	w
Michigan.....	548	477	504	8.8
Ohio.....	w	w	w	w
Wisconsin.....	232	143	251	-7.7
West North Central Total	1,030	898	1,035	-5
Iowa.....	583	458	558	4.4
Kansas.....	23	22	21	9.7
Minnesota.....	179	151	201	-11.1
Missouri.....	111	94	136	-18.6
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	w	w	w	w
South Atlantic Total	w	w	w	w
Delaware.....	w	w	w	w
District of Columbia.....	-	-	-	-
Florida.....	86	93	97	-10.8
Georgia.....	148	117	122	21.1
Maryland.....	18	21	15	25.8
North Carolina.....	99	148	141	-29.9
South Carolina.....	183	168	170	7.5
Virginia.....	111	116	157	-29.6
West Virginia.....	106	95	118	-10.6
East South Central Total	w	w	w	w
Alabama.....	w	w	w	w
Kentucky.....	79	74	68	15.9
Mississippi.....	w	w	w	w
Tennessee.....	258	245	223	15.4
West South Central Total	365	411	373	-2.1
Arkansas.....	33	18	16	102.2
Louisiana.....	22	23	w	w
Oklahoma.....	100	136	w	w
Texas.....	211	235	237	-10.9
Mountain Total	409	332	403	1.3
Arizona.....	60	67	53	12.3
Colorado.....	20	25	23	-14.9
Idaho.....	207	129	231	-10.5
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	4	4	5	-4.7
Wyoming.....	101	90	77	32.2
Pacific Total	205	213	239	-14.0
Alaska.....	w	w	w	w
California.....	137	153	180	-23.9
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	w	w	w
U.S. Total	5,123	4,698	5,268	-2.7

^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	September 30, 1999	June 30, 1999	September 30, 1998	Percent Difference September 30: 1999 versus 1998
311 Food Manufacturing	947	701	892	6.2
312 Beverage and Tobacco Product Mfg	22	21	22	-2.3
313 Textile Mills	88	89	77	14.7
315 Apparel Manufacturing	w	w	w	w
316 Leather and Allied Product Mfg	-	-	-	-
321 Wood Product Manufacturing	w	w	w	w
322 Paper Manufacturing	984	866	903	8.9
323 Printing and Related Support	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	w	w
325 Chemical Manufacturing	810	875	888	-8.8
326 Plastics and Rubber Products Mfg	6	6	5	28.3
327 Nonmetallic Mineral Products Mfg	1,519	1,403	1,600	-5.1
331 Primary Metal Manufacturing ²	424	459	564	-24.8
332 Fabricated Metal Product Mfg	14	18	35	-58.6
333 Machinery Manufacturing	64	41	58	9.6
334 Computer and Electronic Product Mfg	w	w	w	w
335 Elec. Equip., Appl., Component Mfg	w	w	w	w
336 Transportation Equipment Mfg	46	33	51	-10.0
337 Furniture and Related Product Mfg	w	w	w	w
339 Miscellaneous Manufacturing	w	w	w	w
U.S. Total	5,123	4,698	5,268	-2.7

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	September 30, 1999	June 30, 1999	September 30, 1998	Percent Difference September 30: 1999 versus 1998
Middle Atlantic Total	127	172	156	-18.8
East North Central Total	547	555	567	-3.5
South Atlantic Total	w	w	w	w
East South Central Total	142	125	157	-9.6
Mountain Total	w	w	w	w
U.S. Total	1,089	1,129	982	10.9
Coke Total	926	990	842	9.9
Breeze Total	164	140	140	17.3

^w Withheld to avoid disclosure of individual company data.

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

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

Appendix A

U.S. Coal Imports

Appendix A

U.S. Coal Imports

Table A1. Quantity and Average Price of U.S. Coal Imports, 1993-1999
(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
1993.....	1,448	\$33.12	1,317	\$32.87	2,464	\$30.41	2,951	\$29.25	8,181	\$30.87
1994.....	2,225	30.54	1,747	29.05	2,568	31.22	2,329	31.55	8,870	30.71
1995.....	2,101	33.60	2,138	35.32	2,487	33.31	2,748	34.09	9,473	34.05
1996.....	1,968	34.26	1,688	33.07	2,423	33.56	2,036	34.15	8,115	33.78
1997.....	1,331	33.85	1,708	35.26	2,222	33.69	2,226	34.49	7,487	34.32
1998.....	1,839	33.98	2,193	31.43	2,145	32.38	2,547	31.38	8,724	32.18
1999.....	2,248	30.86	2,098	30.06	2,387	30.01	NA	NA	6,733	30.31

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, 1993-1999

(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	Malaysia	Venezuela	Other Countries	Total
Quantity								
1993	100	1,509	4,517	708	–	1,307	39	8,181
1994	92	1,540	4,126	1,130	–	1,786	196	8,870
1995	212	1,916	4,210	1,018	–	2,041	76	9,473
1996	165	1,738	3,027	1,535	–	1,641	10	8,115
1997	116	1,212	3,117	1,426	–	1,514	103	7,487
1998								
January - March	32	131	659	246	–	767	5	1,839
April - June	–	298	844	403	–	646	2	2,193
July - September	28	368	850	344	–	510	45	2,145
October - December	33	369	1,125	421	–	560	39	2,547
Total	93	1,166	3,478	1,414	–	2,482	91	8,724
1999								
January - March	94	100	1,200	248	–	514	91	2,248
April - June	28	278	886	431	–	457	18	2,098
July - September	39	284	1,286	284	–	458	36	2,387
Total	161	662	3,372	962	–	1,429	146	6,733
Average Price								
1993	\$31.56	\$33.48	\$27.91	\$42.70	–	\$29.12	\$24.17	\$30.42
1994	30.02	32.57	28.39	33.80	–	32.09	28.97	30.53
1995	30.99	35.47	31.26	35.13	–	34.70	42.44	33.27
1996	33.41	35.11	31.90	32.45	–	30.87	33.43	32.37
1997	33.47	36.80	32.11	32.82	–	33.26	49.12	33.25
1998								
January - March	31.35	33.66	33.01	38.77	–	32.36	42.03	33.54
April - June	–	33.83	30.42	32.87	–	29.48	–	31.04
July - September	32.08	35.91	30.91	32.10	–	30.12	–	31.76
October - December	32.25	36.69	30.98	33.79	–	32.27	35.95	32.57
Total	31.89	35.40	31.21	34.13	–	31.09	36.29	32.19
1999								
January - March	23.55	28.84	30.08	38.43	–	32.22	31.84	31.19
April - June	32.20	35.72	31.12	46.43	–	32.42	22.88	33.18
July - September	32.59	36.06	27.19	45.87	–	32.94	21.22	30.48
Total	27.26	34.84	29.25	42.23	–	32.55	27.94	31.47

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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
U.S. Total	2,387,138	2,097,723	2,145,329	6,732,720	6,176,829	9.0
Exporting Country: Australia						
Tampa, FL	-	-	-	62,914	-	-
Honolulu, HI.....	39,379	28,065	28,071	98,552	59,594	65.4
Total	39,379	28,065	28,071	161,466	59,594	170.9
Exporting Country: Canada						
Chicago, IL	-	-	33,083	-	66,829	-
Detroit, MI.....	129,255	89,813	131,814	226,953	229,942	-1.3
Duluth, MN.....	5,719	5,240	-	12,477	-	-
Great Falls, MT.....	51,886	90,079	-	151,335	-	-
Pembina, ND	51,829	46,966	160,048	161,294	404,902	-60.2
Buffalo, NY	203	33	-	236	-	-
Seattle, WA.....	45,163	45,622	43,201	109,414	95,686	14.3
Total	284,055	277,753	368,146	661,709	797,359	-17.0
Exporting Country: Colombia						
Mobile, AL	650,914	188,779	243,463	1,220,091	441,416	176.4
Tampa, FL	250,476	261,583	323,509	925,286	964,525	-4.1
New Orleans, LA.....	-	4,973	-	4,973	-	-
Boston, MA	141,572	267,994	121,803	579,158	507,240	14.2
Baltimore, MD.....	28,862	-	-	28,862	-	-
Portland, ME.....	-	-	33,827	-	33,827	-
New York City, NY.....	154,756	47,579	127,425	356,991	255,320	39.8
Portland, OR	-	-	-	-	6,992	-
San Juan, PR.....	34,917	55,557	-	143,606	81,042	77.2
Houston-Galveston, TX.....	-	-	-	-	6,068	-
Virgin Islands	24,750	59,373	-	113,501	56,444	101.1
Total	1,286,247	885,838	850,027	3,372,468	2,352,874	43.3
Exporting Country: Indonesia						
Honolulu, HI.....	122,130	118,773	118,486	415,301	470,119	-11.7
New Orleans, LA.....	161,439	311,753	225,450	546,674	522,757	4.6
Total	283,569	430,526	343,936	961,975	992,876	-3.1
Exporting Country: Venezuela						
Mobile, AL	-	54,309	-	173,998	256,164	-32.1
Miami, FL.....	-	-	-	-	90,381	-
Tampa, FL	-	-	-	-	42,452	-
Savannah, GA.....	101,310	153,300	156,398	354,806	296,283	19.8
New Orleans, LA.....	-	-	-	-	79,765	-
Boston, MA	170,986	105,865	147,050	430,160	455,766	-5.6
Portland, ME.....	155,742	128,832	109,890	398,498	260,592	52.9
New York City, NY.....	-	14,793	20,889	42,084	155,203	-72.9
Philadelphia, PA	-	-	-	-	64,354	-
San Juan, PR.....	29,707	-	33,345	29,707	61,730	-51.9
Houston-Galveston, TX.....	-	-	42,495	-	159,785	-
Total	457,745	457,099	510,067	1,429,253	1,922,475	-25.7
Other Exporting Countries						
Los Angeles, CA	22	-	-	22	-	-
New Orleans, LA.....	-	-	42,439	73,284	42,439	72.7
Detroit, MI.....	10	118	-	128	-	-
Buffalo, NY.....	4,306	861	1,850	6,251	3,697	69.1
New York City, NY.....	-	233	76	233	101	130.7
Philadelphia, PA	-	945	-	945	-	-
San Juan, PR.....	-	186	454	186	3,117	-94.0
Laredo, TX.....	31,607	15,085	-	62,490	694	NM
Milwaukee, WI.....	198	1,014	263	2,310	1,603	44.1
Total	36,143	18,442	45,082	145,849	51,651	182.4

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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
Total	\$30.48	\$33.18	\$31.76	\$31.47	\$32.04	-1.8
Exporting Country: Australia						
Tampa, FL	-	-	-	\$20.36	-	-
Honolulu, HI	\$32.59	\$32.20	\$32.08	31.66	\$31.69	-0.1
Total	32.59	32.20	32.08	27.26	31.69	-14.0
Exporting Country: Canada						
Chicago, IL	-	-	\$48.32	-	\$48.32	-
Detroit, MI	\$39.32	\$40.45	45.51	\$39.77	45.34	-12.3
Great Falls, MT	37.89	37.57	-	37.54	-	-
Pembina, ND	28.12	26.00	26.38	26.67	26.83	-6
Seattle, WA	30.93	30.19	29.35	30.30	29.99	1.0
Total	36.06	35.72	35.91	34.84	34.78	.2
Exporting Country: Colombia						
Mobile, AL	\$23.61	\$24.71	\$27.79	\$24.21	\$27.60	-12.3
Tampa, FL	30.61	29.87	30.86	30.49	31.11	-2.0
Boston, MA	29.06	36.02	32.14	33.68	32.74	2.9
Baltimore, MD	23.59	-	-	23.59	-	-
Portland, ME	-	-	35.17	-	35.17	-
New York City, NY	33.42	33.55	34.70	34.25	34.18	.2
Portland, OR	-	-	-	-	49.45	-
San Juan, PR	33.38	33.38	-	33.38	34.44	-3.1
Houston-Galveston, TX	-	-	-	-	34.47	-
Virgin Islands	32.57	30.85	-	31.16	29.03	7.3
Total	27.19	31.12	30.91	29.25	31.32	-6.6
Exporting Country: Indonesia						
Honolulu, HI	\$45.87	\$46.43	\$45.19	\$45.56	\$45.37	0.4
New Orleans, LA	-	-	21.83	23.41	22.54	3.9
Total	45.87	46.43	32.10	42.23	34.22	23.4
Exporting Country: Venezuela						
Mobile, AL	-	\$28.32	-	\$28.32	\$28.40	-0.3
Miami, FL	-	-	-	-	36.30	-
Tampa, FL	-	-	-	-	37.60	-
Savannah, GA	\$29.11	-	\$22.15	29.11	21.85	33.2
New Orleans, LA	-	-	-	-	27.22	-
Boston, MA	38.18	39.24	37.86	37.84	36.89	2.6
Portland, ME	30.54	28.41	29.17	29.77	29.64	.5
New York City, NY	-	33.64	34.74	33.42	33.84	-1.2
Philadelphia, PA	-	-	-	-	31.49	-
San Juan, PR	28.35	-	30.84	28.35	30.43	-6.8
Houston-Galveston, TX	-	-	32.22	-	29.54	-
Total	32.94	32.42	30.12	32.55	30.80	5.7
Other Exporting Countries						
New Orleans, LA	-	-	-	\$31.65	-	-
San Juan, PR	-	-	-	-	\$42.03	-
Laredo, TX	\$21.22	\$22.88	-	21.75	-	-
Milwaukee, WI	-	-	-	49.83	-	-
Total	21.22	22.88	-	27.94	42.03	-33.5

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	July - September 1999	April - June 1999	July - September 1998	Year to Date		
				1999	1998	Percent Change
U.S. Total	1,390,143	1,142,259	1,616,960	3,829,290	4,292,525	-10.8
Exporting Country: Australia						
Jacksonville Electric Authority, St Johns River	-	-	-	62,910	-	-
Total	-	-	-	62,910	-	-
Exporting Country: Colombia						
Alabama Power Co (SC), Barry	148,975	113,062	-	262,037	-	-
Baltimore Gas and Electric, Brandon Shores	29,000	-	-	29,000	-	-
Central Hudson Gas & Electric, Danskammer	-	-	-	-	34,800	-
Central Power and Light (CSW), Coletto Creek	-	-	36,399	-	60,119	-
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce	-	-	-	-	24,000	-
Gulf Power, Crist.....	-	-	167,291	-	210,907	-
Gulf Power, Scholtz	7,800	-	-	7,800	-	-
Jacksonville Electric Authority, St Johns River	300,200	268,320	323,540	974,940	979,630	-0.5
Mississippi Power (Southern Co), Watson.....	132,030	105,600	-	354,590	-	-
Mississippi Power (Southern Co), Daniel	49,220	-	-	110,970	-	-
New England Power (NEES), Brayton Point.....	-	-	40,200	-	263,000	-
New England Power (NEES), Salem Harbor.....	-	-	39,900	-	204,100	-
Public Serv Co of New Hampshire, Schiller	-	-	-	-	34,680	-
Total	667,225	486,982	607,330	1,739,337	1,811,236	-4.0
Exporting Country: Indonesia						
Cajun Electric Power Coop, Big Cajun No. 2.....	-	-	74,968	-	74,968	-
Tampa Electric, Davant Transfer.....	231,569	156,058	151,045	387,627	448,352	-13.5
Total	231,569	156,058	226,013	387,627	523,320	-25.9
Exporting Country: Venezuela						
Central Hudson Gas & Electric, Danskammer	153,800	102,700	182,900	439,000	410,400	7.0
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce	-	-	34,000	-	43,000	-
Florida Power Corp, IMT Transfer.....	-	-	-	60,794	79,764	-23.8
Gulf Power, Crist.....	80,500	46,700	4,822	188,184	111,780	68.4
Lakeland Dept of Elec Wtr Utils, Plant	-	-	-	-	-	-
3-Mcintosh.....	-	-	37,000	-	43,000	-
Mississippi Power (Southern Co), Watson.....	-	-	64,470	15,560	129,140	-88.0
New England Power (NEES), Brayton Point.....	-	-	56,800	-	209,500	-
New England Power (NEES), Salem Harbor.....	-	-	107,400	-	262,100	-
Public Serv Co of New Hampshire, Schiller	155,741	118,833	110,447	388,498	258,180	50.5
Public Serv Electric & Gas Co, Mercer.....	-	-	-	-	39,000	-
Savannah Electric and Power, Port Wentworth	101,308	153,299	185,778	361,211	336,105	7.5
Tampa Electric, Davant Transfer.....	-	77,687	-	151,169	-	-
United Illuminating Co, Bridgeport Harbor	-	-	-	-	36,000	-2.8
Total	491,349	499,219	783,617	1,639,416	1,957,969	-16.3

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, 1993-1999

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: Alabama Power Co (SC), Barry						
Colombia						
1999						
April - June.....	113.1	11,769	0.57	3.88	184.4	43.40
July - September.....	149.0	11,793	.53	2.96	185.6	43.78
Total	262.0	11,783	.55	3.36	185.1	43.62
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
1999						
July - September.....	29.0	12,003	.68	6.00	131.5	31.57
Total	29.0	12,003	.68	6.00	131.5	31.57
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
1998						
July - September.....	75.0	9,596	.09	.53	214.4	41.15
October - December.....	227.6	9,448	.09	.97	178.6	33.75
Total	302.5	9,485	.09	.86	187.6	35.58
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	147.0	13,032	0.65	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	350.4	13,172	.65	6.40	173.1	45.61
1998						
January - March.....	122.6	13,311	.59	7.02	169.8	45.21
April - June.....	104.9	13,184	.65	7.70	170.0	44.82
July - September.....	182.9	12,953	.62	7.16	166.7	43.20
October - December.....	148.4	12,879	.66	6.51	163.2	42.02
Total	558.8	13,055	.63	7.06	167.1	43.63
1999						
January - March.....	182.5	12,937	.65	7.14	160.8	41.60
April - June.....	102.7	12,868	.67	6.34	158.3	40.74
July - September.....	153.8	13,166	.65	6.76	162.3	42.72
Total	439.0	13,001	.65	6.82	160.7	41.79
Company and Plant: City Public Service, San Antonio JT Deely/Spruce						
Colombia						
1997	73.0	11,603	0.34	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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (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: City Public Service, San Antonio JT Deely/Spruce						
Venezuela						
1998						
April - June.....	9.0	12,855	0.70	6.00	185.8	47.77
July - September.....	34.0	12,000	.70	6.00	185.6	44.55
Total	43.0	12,179	.70	6.00	185.7	45.22
Company and Plant: Central Power and Light (CSW), Coletto Creek						
Colombia						
1993	122.5	12,109	0.60	5.90	148.5	35.98
1994	153.4	11,929	.55	5.03	148.9	35.51
1997	26.0	11,665	.47	6.00	173.2	40.41
1998						
April - June.....	23.7	12,760	.66	6.60	188.3	48.05
July - September.....	36.4	12,760	.66	6.60	159.8	40.78
Total	60.1	12,760	.66	6.60	171.0	43.65
Venezuela						
1998						
October - December.....	42.5	12,344	.73	9.20	164.8	40.69
Total	42.5	12,344	.73	9.20	164.8	40.69
Company and Plant: Delmarva Power & Light, Edgemoor						
Colombia						
1994	22.0	12,370	0.58	5.98	168.2	41.61
Company and Plant: Delmarva Power and Light, Indian River						
Colombia						
1995	7.1	13,141	0.75	7.07	180.3	47.39
Company and Plant: Detroit Edison Co, River Rouge						
Canada						
1994	57.0	11,005	0.23	10.28	149.9	32.99
Company and Plant: Florida Power Corp, IMT Transfer						
Venezuela						
1994	84.4	12,778	0.64	6.50	156.3	39.93
1998						
January - March.....	61.2	12,976	.71	5.58	176.5	45.81
April - June.....	18.5	12,940	.79	5.97	135.2	34.98
Total	79.8	12,968	.73	5.67	166.9	43.30
1999						
January - March.....	60.8	12,843	.73	6.23	187.6	48.20
Total	60.8	12,843	.73	6.23	187.6	48.20
Company and Plant: Gulf Power, Crist						
Colombia						
1993	280.2	11,983	0.59	5.53	188.5	45.18
1994	29.8	12,239	.59	5.30	160.9	39.38
1998						
April - June.....	43.6	12,481	.55	4.50	151.0	37.69
July - September.....	167.3	12,324	.67	5.35	150.0	36.97
October - December.....	110.5	12,335	.68	5.39	150.8	37.20
Total	321.4	12,349	.65	5.25	150.4	37.15

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Gulf Power, Crist						
Venezuela						
1993.....	234.8	12,992	0.59	6.11	172.2	44.75
1994.....	283.4	12,252	1.03	6.28	216.9	53.15
1995.....	776.7	12,363	.92	6.29	230.9	57.09
1996.....	205.9	12,224	.95	5.90	230.6	56.37
1998						
January - March.....	54.2	12,741	.74	7.10	148.3	37.79
April - June.....	52.8	12,441	.88	6.47	146.4	36.42
July - September.....	4.8	12,789	.75	5.80	143.7	36.76
October - December.....	.6	12,789	.75	5.80	143.7	36.76
Total.....	112.4	12,602	.81	6.74	147.2	37.10
1999						
January - March.....	61.0	12,619	.68	6.62	146.5	36.97
April - June.....	46.7	12,663	.67	6.60	146.4	37.08
July - September.....	80.5	12,663	.67	6.60	147.1	37.25
Total.....	188.2	12,649	.67	6.61	146.7	37.12
Company and Plant: Gulf Power, Scholtz						
Colombia						
1993.....	7.5	12,170	0.62	7.50	164.4	40.01
1999						
July - September.....	7.8	11,826	.56	3.50	158.2	37.42
Total.....	7.8	11,826	.56	3.50	158.2	37.42
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
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						
Australia						
1999						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
Total.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia						
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.....	1,385.3	11,851	.78	7.42	150.1	35.59

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (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: Jacksonville Electric Authority, St Johns River						
Colombia						
1998						
January - March.....	359.3	11,802	0.65	7.13	149.0	35.16
April - June.....	296.8	11,796	.61	6.83	147.2	34.72
July - September.....	323.5	11,838	.66	6.73	146.1	34.58
October - December.....	608.3	11,834	.68	6.73	141.3	33.44
Total.....	1,587.9	11,821	.66	6.84	145.1	34.30
1999						
January - March.....	406.4	11,797	.66	7.30	147.4	34.79
April - June.....	268.3	11,825	.65	7.19	146.3	34.61
July - September.....	300.2	11,811	.67	7.24	146.8	34.67
Total.....	974.9	11,809	.66	7.25	146.9	34.70
Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh						
Venezuela						
1998						
April - June.....	6.0	12,941	0.62	5.70	175.2	45.35
July - September.....	37.0	12,941	.62	5.70	175.8	45.50
Total.....	43.0	12,941	.62	5.70	175.7	45.48
Company and Plant: Mississippi Power (Southern Co), Daniel						
Colombia						
1999						
January - March.....	61.8	11,385	0.43	6.10	156.6	35.66
July - September.....	49.2	11,745	.39	3.80	163.7	38.45
Total.....	111.0	11,545	.41	5.08	159.8	36.90
Indonesia						
1993.....	67.5	9,745	.08	1.23	168.9	32.92
Company and Plant: Mississippi Power (Southern Co), Watson						
Colombia						
1999						
January - March.....	117.0	11,863	0.47	3.99	147.1	34.90
April - June.....	105.6	11,811	.50	4.30	147.1	34.75
July - September.....	132.0	11,791	.39	3.66	140.0	33.02
Total.....	354.6	11,821	.45	3.96	144.5	34.16
Venezuela						
1998						
January - March.....	13.6	12,312	.71	5.20	154.1	37.95
April - June.....	51.1	12,617	.76	7.20	137.1	34.60
July - September.....	64.5	12,617	.76	7.20	137.0	34.57
October - December.....	44.5	12,590	.74	6.80	145.2	36.56
Total.....	173.7	12,586	.75	6.94	140.4	35.35
1999						
January - March.....	15.6	12,165	.75	7.60	142.5	34.67
Total.....	15.6	12,165	.75	7.60	142.5	34.67
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.....	668.5	12,119	.64	5.79	165.6	40.14

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: New England Power (NEES), Brayton Point						
Colombia						
1998						
January - March.....	151.4	12,123	0.64	6.25	162.3	39.36
April - June.....	71.4	12,128	.64	5.65	159.8	38.77
July - September.....	40.2	12,127	.61	6.31	160.6	38.94
Total.....	263.0	12,125	.64	6.10	161.4	39.14
Venezuela						
1993.....	239.9	13,132	.71	7.83	162.5	42.67
1994.....	351.2	12,955	.71	7.03	154.2	39.95
1995.....	510.6	12,788	.69	7.03	160.0	40.92
1996.....	572.4	12,937	.67	6.29	162.4	42.01
1997.....	292.5	13,122	.68	6.35	165.2	43.36
1998						
January - March.....	119.2	13,270	.65	7.33	154.1	40.89
April - June.....	33.5	13,063	.66	8.96	149.1	38.96
July - September.....	56.8	12,945	.65	7.83	149.4	38.68
Total.....	209.5	13,149	.65	7.73	152.0	39.98
Company and Plant: New England Power (NEES), Salem Harbor						
Colombia						
1994.....	84.2	12,017	0.57	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.....	409.1	12,101	.63	6.17	167.2	40.46
1998						
January - March.....	76.7	12,117	.57	5.91	189.1	45.82
April - June.....	87.5	12,120	.60	5.16	158.7	38.46
July - September.....	39.9	12,047	.64	5.27	213.7	51.50
Total.....	204.1	12,105	.60	5.46	180.8	43.77
Venezuela						
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.....	90.4	12,934	.69	5.82	156.8	40.58
1998						
January - March.....	100.9	13,000	.70	5.59	156.8	40.77
April - June.....	53.8	13,086	.70	5.05	146.8	38.42
July - September.....	107.4	12,825	.73	5.87	153.1	39.27
Total.....	262.1	12,946	.71	5.59	153.2	39.68
Company and Plant: Public Serv Co of Indiana, Gallagher						
Indonesia						
1993.....	11.1	9,242	0.13	1.35	104.8	19.38
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
Colombia						
1995.....	11.5	11,578	0.53	3.80	192.9	44.67
Indonesia						
1993.....	21.2	12,620	.49	3.80	186.5	47.07
1997.....	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

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Co of New Hampshire, Schiller						
Colombia						
1993.....	52.1	12,861	0.64	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.....	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						
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.....	229.0	12,217	.67	6.13	160.7	39.27
1998						
January - March.....	73.9	13,161	.65	5.20	148.9	39.20
April - June.....	73.8	12,796	.68	6.15	145.8	37.30
July - September.....	110.4	12,784	.67	5.86	147.8	37.80
October - December.....	73.2	12,982	.61	5.62	150.0	38.94
Total	331.4	12,914	.65	5.72	148.1	38.25
1999						
January - March.....	113.9	13,177	.65	5.20	147.3	38.81
April - June.....	118.8	12,823	.70	6.28	144.3	37.02
July - September.....	155.7	13,077	.69	6.14	141.4	36.98
Total	388.5	13,029	.68	5.91	144.0	37.53
Company and Plant: Public Serv Electric & Gas Co, Mercer						
Venezuela						
1998						
January - March.....	39.0	12,998	0.68	5.50	155.3	40.37
Total	39.0	12,998	.68	5.50	155.3	40.37
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
Colombia						
1994.....	22.5	12,870	0.68	6.90	166.9	42.96
Company and Plant: Savannah Electric and Power, Port Wentworth						
Colombia						
1994.....	11.9	11,235	0.69	5.87	214.1	48.12
Venezuela						
1994.....	16.8	12,575	1.12	8.60	168.0	42.25
1996.....	209.9	12,143	1.08	6.71	152.8	37.11
1997.....	279.1	11,949	1.28	7.72	135.1	32.29
1998						
January - March.....	79.0	13,018	.67	5.50	152.4	39.68
April - June.....	71.4	11,986	1.58	8.20	147.8	35.43
July - September.....	185.8	12,491	1.01	7.42	141.8	35.43
October - December.....	78.4	12,427	.86	7.40	140.4	34.89
Total	414.5	12,492	1.01	7.19	144.6	36.14
1999						
January - March.....	106.6	12,422	.76	8.00	142.6	35.43
April - June.....	153.3	12,820	.71	7.00	133.7	34.27
July - September.....	101.3	12,440	.78	6.60	142.4	35.44
Total	361.2	12,596	.74	7.18	138.7	34.94

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (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: Takoma Dept. of Public Utilities, Steam No.2						
Canada						
1993.....	29.2	10,036	0.48	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.....	9.6	10,144	.43	12.25	171.4	34.79
Company and Plant: Tampa Electric, Davant Transfer²						
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.....	741.3	9,614	.35	1.44	162.7	31.29
1998						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	151.0	9,419	.14	1.05	155.0	29.20
October - December.....	148.6	9,454	.20	1.05	154.8	29.27
Total	597.0	9,515	.21	1.09	157.1	29.89
1999						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
July - September.....	231.6	9,422	.11	1.03	131.6	24.80
Total	387.6	9,410	.12	1.02	131.1	24.68
Venezuela						
1993.....	61.4	11,056	1.48	9.78	220.7	48.80
1997.....	58.6	12,953	1.47	3.50	130.2	33.73
1999						
January - March.....	73.5	9,349	.28	1.10	163.3	30.53
April - June.....	77.7	9,396	.08	12.00	130.8	24.58
Total	151.2	9,373	.18	6.70	146.6	27.47
Company and Plant: United Illuminating Co, Bridgeport Harbor						
Venezuela						
1996.....	28.0	13,174	0.61	4.10	185.0	48.74
1997.....	35.0	13,387	.64	4.30	169.6	45.41
1998						
April - June.....	36.0	13,677	.58	4.00	161.6	44.20
October - December.....	70.0	12,780	.61	6.22	176.2	45.03
Total	106.0	13,084	.60	5.47	171.0	44.75
1999						
January - March.....	35.0	13,541	.61	4.85	169.3	45.85
Total	35.0	13,541	.61	4.85	169.3	45.85
Total of U.S. Electric Utility Plants						
Australia						
1999						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
Total	62.9	11,506	.67	11.80	124.2	28.58
Canada						
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.....	9.6	10,144	.43	12.25	171.4	34.79

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (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						
Colombia						
1993.....	3,585.1	11,867	0.66	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.....	2,744.4	12,026	.70	6.71	158.8	38.18
1998						
January - March.....	680.8	12,049	.63	6.61	160.8	38.74
April - June.....	523.1	11,996	.61	6.18	153.2	36.75
July - September.....	607.3	12,060	.66	6.22	153.5	37.01
October - December.....	718.8	11,911	.68	6.52	142.8	34.02
Total	2,530.1	12,002	.65	6.40	152.4	36.57
1999						
January - March.....	585.1	11,767	.60	6.51	148.3	34.90
April - June.....	487.0	11,809	.60	5.80	155.3	36.68
July - September.....	667.2	11,807	.56	5.23	154.8	36.55
Total	1,739.3	11,794	.59	5.82	152.8	36.03
Indonesia						
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.....	782.0	9,754	.36	1.60	164.6	32.10
1998						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	226.0	9,478	.12	.88	175.0	33.16
October - December.....	376.2	9,450	.13	1.00	169.2	31.98
Total	899.5	9,505	.17	1.01	167.3	31.80
1999						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
July - September.....	231.6	9,422	.11	1.03	131.6	24.80
Total	387.6	9,410	.12	1.02	131.1	24.68
South Africa						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1993.....	897.5	12,874	.67	6.96	166.4	42.84
1994.....	1,355.2	12,649	.76	6.61	172.3	43.60
1995.....	1,905.7	12,610	.79	6.57	194.1	48.95
1996.....	1,767.6	12,686	.77	6.14	171.7	43.58
1997.....	1,335.1	12,722	.83	6.40	158.7	40.38
1998						
January - March.....	624.6	13,094	.66	6.27	158.5	41.52
April - June.....	510.8	12,826	.83	6.80	152.5	39.13
July - September.....	783.6	12,731	.75	6.79	153.7	39.15
October - December.....	457.6	12,725	.69	6.76	157.6	40.11
Total	2,376.6	12,846	.73	6.65	155.5	39.95
1999						
January - March.....	648.8	12,464	.64	6.01	156.8	39.09
April - June.....	499.2	12,283	.60	7.43	142.5	35.01
July - September.....	491.3	12,906	.69	6.50	149.2	38.50
Total	1,639.4	12,541	.64	6.59	150.2	37.67

¹ Data reported on quality of coal as received.

² Coal delivered to Tampa Electric's Davant Transfer (New Orleans) is ultimately shipped to Tampa Electric's Big Bend and Gannon plants incurring an additional transportation cost.

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, 1993-1999

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: Alabama Power Co (SC), Barry						
1993						
Alabama	840.1	12,212	0.93	11.60	211.7	51.71
Total	840.1	12,212	.93	11.60	211.7	51.71
1994						
Alabama	1,484.0	12,357	.87	10.27	199.7	49.35
Kentucky	36.4	11,633	.82	11.32	146.8	34.15
West Virginia	491.5	12,196	.88	11.47	151.0	36.83
Total	2,011.9	12,305	.87	10.58	187.0	46.01
1995						
Alabama	1,358.3	12,530	.90	9.32	198.7	49.80
Illinois	84.1	12,063	.90	5.62	138.0	33.30
Kentucky	115.3	11,775	.93	10.32	141.5	33.32
West Virginia	132.9	12,009	.84	12.19	139.2	33.43
Total	1,690.6	12,414	.90	9.43	187.6	46.57
1996						
Alabama	1,523.3	12,318	.71	12.08	205.3	50.59
Illinois	609.3	11,903	.85	6.13	138.3	32.93
Kentucky	64.8	12,098	.75	13.25	144.6	35.00
West Virginia	3.0	12,530	.96	11.30	135.2	33.88
Total	2,200.3	12,197	.75	10.47	185.4	45.22
1997						
Alabama	2,098.7	12,206	.72	12.70	206.3	50.35
Illinois	915.4	12,010	.90	6.15	135.0	32.44
Kentucky	34.0	11,970	.81	11.42	147.5	35.32
West Virginia	99.3	12,263	.82	12.39	146.6	35.95
Total	3,147.4	12,148	.78	10.77	183.3	44.52
1998						
Alabama	3,012.0	12,246	.71	12.38	201.5	49.35
Illinois	306.1	12,179	.83	7.88	153.8	37.47
Total	3,318.0	12,240	.72	11.97	197.1	48.25
1999						
January - March						
Alabama	917.8	12,120	.67	12.95	205.9	49.90
Illinois	59.6	12,073	.91	6.04	245.9	59.38
Total	977.4	12,117	.68	12.53	208.3	50.48
April - June						
Alabama	1,053.5	12,116	.74	13.55	206.0	49.92
Colombia	113.1	11,769	.57	3.88	184.4	43.40
Total	1,166.6	12,083	.72	12.61	204.0	49.29
July - September						
Alabama	813.1	12,190	.72	13.39	207.2	50.52
Colombia	149.0	11,793	.53	2.96	185.6	43.78
Total	962.1	12,129	.69	11.78	204.0	49.48
Year to Date						
Alabama	2,784.4	12,139	.71	13.31	206.3	50.09
Illinois	59.6	12,073	.91	6.04	245.9	59.38
Colombia	262.0	11,783	.55	3.36	185.1	43.62
Total	3,106.1	12,108	.70	12.33	205.3	49.72
Company and Plant: Baltimore Gas and Electric, Brandon Shores						
1993						
Kentucky	841.0	12,940	0.70	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

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, 1993-1999 (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: Baltimore Gas and Electric, Brandon Shores						
1996						
Kentucky	611.0	13,080	0.74	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						
Kentucky	485.0	13,112	.76	6.52	145.9	38.26
West Virginia	2,770.0	12,527	.70	11.51	138.8	34.77
Total	3,255.0	12,614	.70	10.77	139.9	35.29
1999						
January - March						
Kentucky	101.0	13,008	.71	7.24	140.5	36.56
West Virginia	885.0	12,529	.69	12.22	138.2	34.63
Total	986.0	12,578	.69	11.71	138.5	34.83
April - June						
Kentucky	81.0	13,007	.72	7.42	139.9	36.39
West Virginia	951.0	12,565	.71	11.79	139.0	34.93
Total	1,032.0	12,599	.71	11.44	139.1	35.05
July - September						
Kentucky	41.0	13,042	.76	7.13	138.3	36.08
West Virginia	675.0	12,568	.73	11.46	139.1	34.96
Colombia	29.0	12,003	.68	6.00	131.5	31.57
Total	745.0	12,572	.73	11.01	138.8	34.89
Year to Date						
Kentucky	223.0	13,014	.72	7.28	139.9	36.41
West Virginia	2,511.0	12,553	.71	11.85	138.7	34.83
Colombia	29.0	12,003	.68	6.00	131.5	31.57
Total	2,763.0	12,584	.71	11.42	138.8	34.93
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
1993						
Wyoming	5,701.1	8,332	0.43	5.27	151.9	25.31
Total	5,701.1	8,332	.43	5.27	151.9	25.31
1994						
Colorado	37.4	11,957	.45	8.01	156.4	37.40
Wyoming	5,588.0	8,442	.36	4.93	152.2	25.70
Indonesia	169.2	9,702	.10	1.20	166.8	32.36
Total	5,794.6	8,502	.35	4.84	152.8	25.97
1995						
Wyoming	5,844.5	8,469	.35	4.99	157.6	26.69
Total	5,844.5	8,469	.35	4.99	157.6	26.69
1996						
Wyoming	5,394.2	8,500	.41	5.18	161.1	27.38
Total	5,394.2	8,500	.41	5.18	161.1	27.38
1997						
Wyoming	5,762.0	8,467	.45	5.27	154.9	26.23
Total	5,762.0	8,467	.45	5.27	154.9	26.23
1998						
Colorado	52.1	11,199	.48	9.73	152.6	34.18
Wyoming	6,375.8	8,432	.45	5.38	145.9	24.61
Indonesia	302.5	9,485	.09	.86	187.6	35.58
Total	6,730.5	8,501	.43	5.21	148.1	25.18
1999						
January - March						
Wyoming	1,803.8	8,346	.47	5.85	143.9	24.02
Total	1,803.8	8,346	.47	5.85	143.9	24.02
April - June						
Wyoming	1,857.3	8,324	.46	5.68	144.2	24.00
Total	1,857.3	8,324	.46	5.68	144.2	24.00
July - September						
Wyoming	1,566.0	8,357	.44	5.74	146.3	24.46
Total	1,566.0	8,357	.44	5.74	146.3	24.46

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, 1993-1999 (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						
1999						
Year to Date						
Wyoming	5,227.2	8,341	0.46	5.75	144.7	24.14
Total	5,227.2	8,341	.46	5.75	144.7	24.14
Company and Plant: Carolina Power and Light, Sutton						
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						
Kentucky	816.1	12,410	1.04	10.50	144.2	35.78
West Virginia	489.5	12,591	.91	11.52	155.8	39.23
Total	1,305.6	12,478	.99	10.88	148.6	37.07
1999						
January - March						
Kentucky	90.5	12,605	1.09	9.41	146.0	36.80
West Virginia	195.3	12,499	.94	12.00	160.4	40.09
Total	285.8	12,532	.98	11.18	155.8	39.05
April - June						
Kentucky	74.8	12,685	1.07	8.69	146.3	37.11
West Virginia	165.7	12,961	.85	9.23	158.6	41.12
Total	240.5	12,875	.92	9.06	154.9	39.88
July - September						
Kentucky	72.8	12,628	.99	9.25	147.3	37.21
West Virginia	227.2	13,164	.90	8.19	151.3	39.82
Total	300.0	13,034	.92	8.45	150.3	39.19
Year to Date						
Kentucky	238.1	12,637	1.05	9.13	146.5	37.02
West Virginia	588.2	12,886	.90	9.75	156.3	40.28
Total	826.3	12,814	.94	9.57	153.5	39.34
Company and Plant: Central Hudson Gas & Electric, Danskammer						
1993						
West Virginia	693.0	13,097	0.62	7.55	184.7	48.38
Total	693.0	13,097	.62	7.55	184.7	48.38
1994						
Kentucky	348.6	12,963	.58	7.93	188.7	48.93
West Virginia	419.7	13,185	.66	7.54	192.5	50.76
Total	768.2	13,084	.62	7.72	190.8	49.93
1995						
Kentucky	308.8	12,859	.59	8.29	193.4	49.74
West Virginia	292.5	13,112	.67	7.87	198.7	52.11
Venezuela	28.2	13,281	.56	7.30	224.1	59.53
Total	629.5	12,995	.62	8.05	197.3	51.28

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1993-1999 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Central Hudson Gas & Electric, Danskammer						
1996						
Kentucky	462.4	12,822	0.65	8.55	193.2	49.55
West Virginia	351.4	13,061	.68	7.86	200.5	52.38
Total	813.8	12,925	.66	8.25	196.4	50.77
1997						
Kentucky	72.3	12,933	.66	8.45	180.2	46.62
West Virginia	246.2	13,191	.62	7.78	177.0	46.70
Colombia	147.0	13,032	.65	7.17	171.3	44.64
Venezuela	350.4	13,172	.65	6.40	173.1	45.61
Total	815.9	13,131	.64	7.14	174.6	45.85
1998						
Kentucky	376.9	12,931	.66	8.38	169.1	43.72
West Virginia	19.9	12,838	.67	9.76	169.9	43.62
Colombia	34.8	13,309	.62	7.38	169.8	45.20
Venezuela	558.8	13,055	.63	7.06	167.1	43.63
Total	990.4	13,012	.64	7.63	168.0	43.72
1999						
January - March						
Kentucky	76.9	12,876	.65	8.21	171.7	44.23
Venezuela	182.5	12,937	.65	7.14	160.8	41.60
Total	259.4	12,919	.65	7.46	164.0	42.38
April - June						
Kentucky	38.6	13,199	.69	8.13	163.5	43.16
Venezuela	102.7	12,868	.67	6.34	158.3	40.74
Total	141.3	12,959	.67	6.83	159.7	41.40
July - September						
West Virginia	38.6	12,996	.66	8.87	164.6	42.78
Venezuela	153.8	13,166	.65	6.76	162.3	42.72
Total	192.4	13,132	.65	7.18	162.7	42.74
Year to Date						
Kentucky	115.5	12,984	.66	8.18	168.9	43.87
West Virginia	38.6	12,996	.66	8.87	164.6	42.78
Venezuela	439.0	13,001	.65	6.82	160.7	41.79
Total	593.1	12,997	.66	7.22	162.6	42.26
Company and Plant: City Public Service, San Antonio JT Deely/Spruce						
1993						
Wyoming	5,286.0	8,423	0.33	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						
Wyoming	5,395.0	8,371	.34	5.95	97.1	16.26
Colombia	24.0	11,600	.33	3.80	200.6	46.54
Venezuela	43.0	12,179	.70	6.00	185.7	45.22
Total	5,462.0	8,415	.34	5.94	98.7	16.62
1999						
January - March						
Wyoming	1,777.0	8,609	.34	5.84	97.8	16.85
Total	1,777.0	8,609	.34	5.84	97.8	16.85

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, 1993-1999 (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: City Public Service, San Antonio JT Deely/Spruce						
1999						
April - June						
Wyoming	1,823.0	8,383	0.35	5.77	96.1	16.11
Total	1,823.0	8,383	.35	5.77	96.1	16.11
July - September						
Wyoming	1,870.0	8,450	.32	5.59	95.7	16.18
Total	1,870.0	8,450	.32	5.59	95.7	16.18
Year to Date						
Wyoming	5,470.0	8,480	.34	5.73	96.5	16.37
Total	5,470.0	8,480	.34	5.73	96.5	16.37
Company and Plant: Central Power and Light (CSW), Coletto Creek						
1993						
Colorado	1,778.0	10,577	0.40	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						
Colorado	1,349.3	10,504	.39	6.06	142.0	29.84
Wyoming	1,046.6	8,662	.33	4.92	131.1	22.71
Colombia	60.1	12,760	.66	6.60	171.0	43.65
Venezuela	42.5	12,344	.73	9.20	164.8	40.69
Total	2,498.6	9,818	.37	5.65	139.4	27.37
1999						
January - March						
Colorado	342.4	10,575	.40	5.90	143.4	30.33
Wyoming	385.9	8,678	.21	4.74	136.6	23.70
Total	728.3	9,570	.30	5.29	140.1	26.82
April - June						
Colorado	420.7	10,827	.42	6.64	144.7	31.33
Wyoming	240.5	8,677	.22	4.51	135.8	23.57
Total	661.1	10,045	.35	5.87	141.9	28.51
July - September						
Colorado	261.1	10,508	.40	5.68	142.5	29.95
Wyoming	363.0	8,660	.21	4.69	136.0	23.55
Total	624.1	9,433	.29	5.10	139.0	26.23
Year to Date						
Colorado	1,024.2	10,662	.41	6.15	143.7	30.64
Wyoming	989.3	8,671	.21	4.67	136.2	23.61
Total	2,013.5	9,684	.31	5.42	140.4	27.19
Company and Plant: Delmarva Power & Light, Edgemoor						
1993						
Virginia	192.3	13,209	0.86	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

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, 1993-1999 (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						
1994						
West Virginia.....	604.3	13,074	0.79	8.74	157.9	41.29
Colombia.....	22.0	12,370	.58	5.98	168.2	41.61
Total	675.2	13,046	.78	8.58	158.8	41.44
1995						
Maryland.....	37.9	12,867	.76	9.73	161.6	41.59
Pennsylvania.....	.6	12,431	.82	10.42	154.7	38.46
West Virginia.....	432.6	12,988	.78	9.04	162.9	42.31
Total	471.1	12,978	.78	9.10	162.8	42.25
1996						
Maryland.....	14.7	12,868	.69	10.30	161.0	41.43
Pennsylvania.....	.1	12,559	.82	10.42	153.1	38.46
West Virginia.....	487.3	12,887	.77	9.67	160.2	41.28
Total	502.0	12,886	.76	9.69	160.2	41.29
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						
Kentucky.....	29.6	12,889	.79	6.59	162.8	41.98
Pennsylvania.....	9.5	10,689	.66	10.49	150.8	32.25
Virginia.....	8.6	13,159	.83	8.30	158.1	41.61
West Virginia.....	490.1	12,686	.73	10.52	158.8	40.29
Total	537.7	12,670	.73	10.27	158.9	40.27
1999						
January - March						
West Virginia.....	46.6	12,492	.75	11.94	157.5	39.35
Total	46.6	12,492	.75	11.94	157.5	39.35
April - June						
West Virginia.....	56.0	12,250	.72	13.50	157.8	38.67
Total	56.0	12,250	.72	13.50	157.8	38.67
July - September						
Virginia.....	9.6	13,042	.74	9.00	149.2	38.92
West Virginia.....	72.5	12,582	.76	11.15	159.3	40.09
Total	82.1	12,636	.76	10.90	158.1	39.96
Year to Date						
Virginia.....	9.6	13,042	.74	9.00	149.2	38.92
West Virginia.....	175.1	12,452	.74	12.11	158.4	39.44
Total	184.7	12,483	.74	11.95	157.9	39.41
Company and Plant: Delmarva Power and Light, Indian River						
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

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, 1993-1999 (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						
1997						
Maryland.....	160.8	13,158	1.46	9.17	147.8	38.89
Pennsylvania.....	482.5	13,275	1.39	7.22	141.3	37.52
West Virginia.....	533.9	13,017	.70	8.70	172.5	44.90
Total	1,177.1	13,142	1.08	8.16	156.2	41.05
1998						
Kentucky.....	62.6	12,812	.63	6.51	176.6	45.26
Maryland.....	170.1	13,222	1.47	8.91	146.3	38.69
Pennsylvania.....	513.4	13,233	1.35	7.03	142.2	37.63
Virginia.....	136.5	13,672	.79	6.00	177.8	48.61
West Virginia.....	323.6	12,609	.68	11.45	167.1	42.15
Total	1,206.2	13,092	1.09	8.34	155.2	40.63
1999						
January - March						
Pennsylvania.....	63.5	13,213	1.43	6.45	143.6	37.96
Virginia.....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia.....	23.9	12,650	.67	12.93	162.8	41.18
Total	99.5	13,136	1.17	7.92	152.7	40.12
April - June						
Maryland.....	37.5	13,059	1.49	9.32	146.0	38.13
Pennsylvania.....	101.0	13,310	1.37	6.60	143.4	38.18
Virginia.....	25.9	13,628	.76	6.18	178.8	48.74
West Virginia.....	20.1	12,470	.70	12.35	172.4	42.99
Total	184.6	13,212	1.24	7.72	152.0	40.18
July - September						
Kentucky.....	20.9	12,655	.65	7.48	176.6	44.69
Maryland.....	46.5	13,054	1.48	9.54	146.1	38.14
Pennsylvania.....	89.4	13,203	1.30	6.74	143.5	37.89
Virginia.....	60.5	13,503	.78	7.15	178.8	48.28
West Virginia.....	121.2	12,538	.67	11.91	170.1	42.65
Total	338.5	12,964	.97	9.09	161.6	41.90
Year to Date						
Kentucky.....	20.9	12,655	.65	7.48	176.6	44.69
Maryland.....	84.0	13,056	1.49	9.44	146.0	38.13
Pennsylvania.....	254.0	13,248	1.36	6.61	143.5	38.02
Virginia.....	98.6	13,559	.77	6.72	179.0	48.53
West Virginia.....	165.2	12,546	.68	12.11	169.3	42.48
Total	622.7	13,065	1.08	8.50	157.3	41.11
Company and Plant: Detroit Edison Co, River Rouge						
1993						
Colorado.....	11.0	11,620	0.53	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

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, 1993-1999 (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						
1997						
Kentucky	347.0	12,800	0.83	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						
Kentucky	246.0	13,008	.84	8.64	140.3	36.51
Pennsylvania	198.0	13,127	1.44	6.78	122.7	32.21
West Virginia	287.0	13,020	.73	8.44	141.6	36.87
Wyoming	852.0	8,752	.32	5.15	94.7	16.57
Total	1,583.0	10,734	.62	6.49	117.9	25.31
1999						
January - March						
Kentucky	20.0	13,013	1.05	7.50	133.2	34.67
Pennsylvania	134.0	13,264	1.45	6.59	131.1	34.77
Wyoming	278.0	8,773	.29	5.06	102.9	18.05
Total	432.0	10,362	.69	5.65	115.8	24.01
April - June						
Pennsylvania	139.0	13,217	1.42	6.66	125.8	33.25
Wyoming	181.0	8,767	.25	4.95	103.3	18.11
Total	320.0	10,700	.76	5.69	115.3	24.68
July - September						
Kentucky	147.0	12,776	.89	8.40	127.1	32.48
West Virginia	74.0	12,976	.79	8.81	127.2	33.02
Wyoming	189.0	8,771	.21	4.60	99.0	17.37
Total	410.0	10,966	.56	6.72	116.8	25.61
Year to Date						
Kentucky	167.0	12,804	.91	8.30	127.8	32.74
Pennsylvania	273.0	13,240	1.44	6.62	128.4	33.99
West Virginia	74.0	12,976	.79	8.81	127.2	33.02
Wyoming	648.0	8,770	.26	4.90	101.9	17.87
Total	1,162.0	10,668	.66	6.04	116.0	24.76
Company and Plant: Florida Power Corp, IMT Transfer						
1993						
Kentucky	612.5	12,469	0.86	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						
Kentucky	838.6	12,611	.67	9.14	169.3	42.70
West Virginia	1,140.4	12,432	.70	10.30	174.7	43.44
Venezuela	79.8	12,968	.73	5.67	166.9	43.30
Total	2,058.8	12,526	.69	9.65	172.2	43.13
1999						
January - March						
Kentucky	248.6	12,635	.70	8.70	168.2	42.50
West Virginia	287.5	12,483	.71	10.18	172.0	42.94
Venezuela	60.8	12,843	.73	6.23	187.6	48.20
Total	596.9	12,583	.71	9.16	172.0	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, 1993-1999 (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: Florida Power Corp, IMT Transfer						
1999						
April - June						
Kentucky.....	181.3	12,746	0.65	8.31	165.1	42.08
West Virginia.....	293.6	12,558	.72	10.28	171.2	42.99
Total.....	474.9	12,630	.69	9.52	168.8	42.65
July - September						
Kentucky.....	190.2	12,835	.82	8.64	165.8	42.56
West Virginia.....	206.3	12,526	.73	10.93	163.4	40.94
Total.....	396.5	12,674	.77	9.84	164.6	41.71
Year to Date						
Kentucky.....	620.1	12,729	.72	8.57	166.5	42.40
West Virginia.....	787.5	12,522	.72	10.41	169.4	42.44
Venezuela.....	60.8	12,843	.73	6.23	187.6	48.20
Total.....	1,468.3	12,623	.72	9.46	169.0	42.66
Company and Plant: Gulf Power, Crist						
1993						
Alabama.....	72.3	12,337	2.09	11.73	191.1	47.15
Illinois.....	1,490.3	11,992	2.59	8.15	176.3	42.27
Kentucky.....	55.2	12,127	2.79	9.28	123.6	29.98
West Virginia.....	13.1	13,311	2.14	6.16	209.3	55.73
Colombia.....	280.2	11,983	.59	5.53	188.5	45.18
Venezuela.....	234.8	12,992	.59	6.11	172.2	44.75
Total.....	2,145.9	12,124	2.10	7.72	176.7	42.85
1994						
Alabama.....	1.5	12,241	2.87	10.00	204.1	49.97
Illinois.....	1,568.9	11,887	2.15	7.55	173.1	41.16
West Virginia.....	20.7	13,461	1.08	5.40	185.8	50.02
Colombia.....	29.8	12,239	.59	5.30	160.9	39.38
Venezuela.....	283.4	12,252	1.03	6.28	216.9	53.15
Total.....	1,904.4	11,964	1.95	7.31	179.8	43.02
1995						
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						
Alabama.....	114.9	12,796	.83	9.43	158.5	40.55
Illinois.....	1,703.9	12,043	1.12	6.78	157.1	37.83
Kentucky.....	82.9	12,924	1.24	7.73	168.8	43.64
West Virginia.....	136.5	12,595	.93	10.42	169.3	42.64
Colombia.....	321.4	12,349	.65	5.25	150.4	37.15
Venezuela.....	112.4	12,602	.81	6.74	147.2	37.10
Total.....	2,472.0	12,203	1.02	6.93	156.9	38.30
1999						
January - March						
Illinois.....	493.0	12,069	.86	6.21	141.6	34.19
Venezuela.....	61.0	12,619	.68	6.62	146.5	36.97
Total.....	554.0	12,129	.84	6.25	142.2	34.49
April - June						
Illinois.....	644.4	12,172	1.19	6.85	140.2	34.13
Venezuela.....	46.7	12,663	.67	6.60	146.4	37.08
Total.....	691.1	12,205	1.15	6.83	140.6	34.33
July - September						
Illinois.....	567.7	12,133	.94	6.54	146.3	35.50
Venezuela.....	80.5	12,663	.67	6.60	147.1	37.25
Total.....	648.2	12,198	.91	6.55	146.4	35.72

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, 1993-1999 (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						
1999						
Year to Date						
Illinois	1,705.2	12,129	1.01	6.56	142.7	34.60
Venezuela	188.2	12,649	.67	6.61	146.7	37.12
Total	1,893.3	12,181	.98	6.57	143.1	34.85
Company and Plant: Gulf Power, Scholtz						
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						
Kentucky	137.6	12,833	1.33	8.59	160.7	41.25
Total	137.6	12,833	1.33	8.59	160.7	41.25
1999						
January - March						
Kentucky	64.0	12,608	1.05	8.82	168.6	42.52
Total	64.0	12,608	1.05	8.82	168.6	42.52
April - June						
Kentucky	16.8	12,819	.91	7.60	169.6	43.48
Total	16.8	12,819	.91	7.60	169.6	43.48
July - September						
Colombia	7.8	11,826	.56	3.50	158.2	37.42
Total	7.8	11,826	.56	3.50	158.2	37.42
Year to Date						
Kentucky	80.8	12,652	1.02	8.56	168.8	42.72
Colombia	7.8	11,826	.56	3.50	158.2	37.42
Total	88.6	12,579	.98	8.12	168.0	42.25
Company and Plant: Gulf Power, Smith						
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

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, 1993-1999 (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, Smith						
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						
Alabama	13.8	11,636	2.94	14.81	174.4	40.58
Illinois	312.7	12,484	2.38	8.76	143.7	35.88
Kentucky	680.1	11,864	2.67	9.64	141.4	33.55
Total	1,006.7	12,054	2.59	9.44	142.6	34.37
1999						
January - March						
Alabama	36.1	11,968	2.28	13.90	132.6	31.75
Illinois	183.7	12,354	2.72	8.71	135.0	33.37
Kentucky	64.4	11,867	2.72	10.31	135.1	32.07
Total	284.2	12,195	2.66	9.73	134.8	32.87
April - June						
Alabama	36.3	11,952	2.16	14.42	133.3	31.86
Illinois	151.7	12,423	2.78	8.66	132.6	32.94
Kentucky	33.2	12,168	2.45	10.13	133.5	32.49
Total	221.2	12,307	2.63	9.82	132.8	32.70
July - September						
Illinois	146.1	12,551	2.22	8.52	139.5	35.02
Kentucky	55.4	12,192	2.40	11.15	136.7	33.33
Total	201.5	12,452	2.27	9.24	138.8	34.55
Year to Date						
Alabama	72.4	11,960	2.22	14.16	133.0	31.80
Illinois	481.5	12,435	2.58	8.63	135.6	33.73
Kentucky	153.0	12,050	2.55	10.57	135.4	32.62
Total	706.9	12,303	2.54	9.62	135.3	33.30
Company and Plant: Holyoke Water Power (NU), Mount Tom						
1993						
Kentucky	7.3	13,132	0.75	7.50	195.9	51.45
Pennsylvania	299.9	13,201	1.52	6.34	164.7	43.49
West Virginia	7.0	13,087	.91	7.60	171.7	44.94
Total	314.2	13,197	1.49	6.39	165.6	43.71
1994						
Kentucky	47.8	12,884	.55	7.74	206.0	53.07
Pennsylvania	289.2	13,171	1.48	6.60	156.8	41.31
Indonesia	7.9	12,651	.43	3.30	195.4	49.44
Total	344.9	13,119	1.33	6.68	164.4	43.13
1995						
Kentucky	157.3	13,053	.52	7.40	193.3	50.47
Pennsylvania	212.5	13,227	1.37	7.20	156.9	41.50
Total	369.8	13,153	1.01	7.28	172.3	45.31
1996						
Kentucky	135.8	13,081	.51	7.78	198.3	51.88
Pennsylvania	225.0	13,301	1.38	6.91	159.2	42.35
Virginia	1.9	14,243	.80	5.20	212.3	60.48
West Virginia	8.4	13,227	.64	8.20	189.1	50.02
Total	371.1	13,224	1.04	7.25	174.3	46.10
1997						
Kentucky	126.8	13,006	.55	7.61	203.8	53.01
Pennsylvania	280.1	13,248	1.38	7.15	165.9	43.96
West Virginia	42.1	13,168	.61	7.66	194.8	51.30
Total	449.1	13,172	1.07	7.33	179.2	47.20
1998						
Kentucky	186.1	13,030	.63	7.29	196.5	51.20
Pennsylvania	182.8	13,243	1.48	7.08	160.9	42.61
West Virginia	11.3	12,962	.80	7.56	185.0	47.96
Total	380.2	13,130	1.04	7.20	178.9	46.98
1999						
January - March						
Kentucky	23.7	13,100	.55	7.27	190.8	50.00
Pennsylvania	15.9	13,214	1.01	6.99	174.6	46.14
West Virginia	8.3	13,124	1.52	6.00	161.5	42.39
Total	48.0	13,142	.87	6.96	180.3	47.40

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1993-1999 (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						
1999						
April - June						
Kentucky.....	31.3	13,201	0.52	7.03	187.5	49.50
Pennsylvania.....	32.5	13,459	1.40	6.55	156.2	42.04
West Virginia.....	25.5	13,046	.91	7.64	168.6	44.00
Total.....	89.3	13,251	.95	7.03	170.6	45.22
July - September						
Kentucky.....	65.6	13,157	.55	7.31	188.0	49.46
West Virginia.....	16.0	13,120	1.02	7.30	153.9	40.37
Total.....	81.6	13,149	.64	7.31	181.3	47.68
Year to Date						
Kentucky.....	120.6	13,157	.54	7.23	188.4	49.58
Pennsylvania.....	48.4	13,379	1.27	6.70	162.2	43.39
West Virginia.....	49.8	13,082	1.05	7.26	162.7	42.57
Total.....	218.8	13,189	.82	7.12	176.7	46.62
Company and Plant: Jacksonville Electric Authority, St Johns River						
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
1998						
Kentucky.....	1,689.3	12,710	1.31	9.80	169.4	43.06
West Virginia.....	9.9	12,169	.86	13.20	149.6	36.41
Colombia.....	1,587.9	11,821	.66	6.84	145.1	34.30
Total.....	3,287.2	12,279	.99	8.38	158.0	38.81
1999						
January - March						
Kentucky.....	319.4	12,584	1.29	10.31	173.1	43.58
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	406.4	11,797	.66	7.30	147.4	34.79
Total.....	788.7	12,093	.92	8.88	156.5	37.85
April - June						
Kentucky.....	452.3	12,681	1.44	9.70	172.5	43.75
West Virginia.....	37.8	13,206	1.97	7.60	133.7	35.31
Colombia.....	268.3	11,825	.65	7.19	146.3	34.61
Total.....	758.5	12,404	1.19	8.71	161.6	40.10
July - September						
Kentucky.....	324.0	12,735	1.35	9.41	164.0	41.76
Pennsylvania.....	92.6	12,954	1.84	6.94	138.5	35.87
West Virginia.....	19.6	13,029	2.59	7.90	135.6	35.33
Colombia.....	300.2	11,811	.67	7.24	146.8	34.67
Total.....	736.4	12,394	1.17	8.17	153.1	37.96

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, 1993-1999 (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						
1999						
Year to Date						
Kentucky.....	1,095.7	12,669	1.37	9.79	170.2	43.11
Pennsylvania.....	92.6	12,954	1.84	6.94	138.5	35.87
West Virginia.....	57.4	13,146	2.18	7.70	134.3	35.32
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	974.9	11,809	.66	7.25	146.9	34.70
Total.....	2,283.6	12,293	1.09	8.59	157.1	38.63
Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh						
1993						
Kentucky.....	727.0	13,046	1.05	7.63	167.7	43.77
Total.....	727.0	13,046	1.05	7.63	167.7	43.77
1994						
Kentucky.....	992.0	12,936	1.12	8.02	173.4	44.87
Total.....	992.0	12,936	1.12	8.02	173.4	44.87
1995						
Kentucky.....	945.0	12,956	1.22	8.18	173.0	44.84
Total.....	945.0	12,956	1.22	8.18	173.0	44.84
1996						
Kentucky.....	807.0	12,840	1.32	9.09	172.8	44.38
Total.....	807.0	12,840	1.32	9.09	172.8	44.38
1997						
Kentucky.....	758.0	12,876	1.26	8.42	172.7	44.48
Total.....	758.0	12,876	1.26	8.42	172.7	44.48
1998						
Kentucky.....	585.0	12,867	1.30	8.73	175.9	45.27
Venezuela.....	43.0	12,941	.62	5.70	175.7	45.48
Total.....	628.0	12,872	1.25	8.53	175.9	45.29
1999						
January - March						
Kentucky.....	128.0	12,943	1.28	8.21	178.3	46.17
Total.....	128.0	12,943	1.28	8.21	178.3	46.17
April - June						
Kentucky.....	158.0	12,822	1.50	9.44	178.3	45.73
Total.....	158.0	12,822	1.50	9.44	178.3	45.73
July - September						
Kentucky.....	282.0	12,803	1.43	9.28	173.4	44.40
Total.....	282.0	12,803	1.43	9.28	173.4	44.40
Year to Date						
Kentucky.....	568.0	12,840	1.41	9.08	175.9	45.17
Total.....	568.0	12,840	1.41	9.08	175.9	45.17
Company and Plant: Mississippi Power (Southern Co), Daniel						
1993						
Colorado.....	158.6	11,535	0.45	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

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, 1993-1999 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Mississippi Power (Southern Co), Daniel						
1997						
Montana	3,221.3	9,323	0.39	4.56	145.5	27.13
Total	3,221.3	9,323	.39	4.56	145.5	27.13
1998						
Montana	2,831.1	9,412	.37	4.46	147.2	27.70
Total	2,831.1	9,412	.37	4.46	147.2	27.70
1999						
January - March						
Colorado	68.0	11,254	.45	10.00	159.3	35.86
Montana	558.5	9,411	.37	4.60	147.2	27.71
Colombia.....	61.8	11,385	.43	6.10	156.6	35.66
Total	688.2	9,770	.38	5.27	149.6	29.23
April - June						
Colorado	568.4	11,347	.48	9.82	161.9	36.73
Montana	176.2	9,391	.37	4.60	147.6	27.72
Total	744.7	10,884	.46	8.59	159.0	34.60
July - September						
Colorado	463.9	11,233	.56	9.87	152.7	34.31
Montana	74.0	9,354	.38	4.70	157.8	29.52
Colombia.....	49.2	11,745	.39	3.80	163.7	38.45
Total	587.1	11,039	.52	8.71	154.2	34.05
Year to Date						
Colorado	1,100.3	11,293	.51	9.86	157.9	35.66
Montana	808.7	9,401	.37	4.61	148.3	27.88
Colombia.....	111.0	11,545	.41	5.08	159.8	36.90
Total	2,020.0	10,550	.45	7.49	154.6	32.61
Company and Plant: Mississippi Power (Southern Co), Watson						
1993						
Alabama	32.0	12,223	1.13	11.54	165.6	40.49
Illinois	1,079.9	12,697	2.71	9.10	134.1	34.06
Kentucky	215.3	12,168	1.11	8.61	141.0	34.30
West Virginia.....	68.9	12,244	1.07	12.12	144.0	35.25
Total	1,396.1	12,582	2.35	9.23	136.3	34.31
1994						
Illinois	1,062.7	12,456	2.41	8.55	131.8	32.84
Kentucky	30.8	11,934	1.05	11.28	145.2	34.65
West Virginia.....	62.2	12,392	.94	10.43	151.5	37.55
Total	1,155.7	12,439	2.30	8.72	133.2	33.14
1995						
Colorado.....	11.4	11,972	.50	7.91	145.8	34.91
Illinois	1,235.8	12,440	2.35	8.86	123.0	30.61
Total	1,247.2	12,436	2.33	8.86	123.2	30.65
1996						
Colorado.....	11.2	11,439	.44	8.63	148.7	34.02
Illinois	1,703.1	12,197	1.70	7.00	131.3	32.03
Kentucky	104.6	12,123	2.12	10.31	126.5	30.68
Wyoming.....	12.8	8,738	.44	5.25	129.5	22.63
Total	1,831.6	12,164	1.71	7.19	131.1	31.90
1997						
Alabama	126.4	12,461	1.04	9.73	145.8	36.34
Colorado.....	35.6	11,518	.49	7.49	154.8	35.65
Illinois	1,149.4	11,897	1.19	7.04	138.4	32.93
Kentucky	251.9	12,560	1.13	8.37	154.3	38.76
Wyoming.....	285.4	8,677	.46	5.69	133.8	23.22
Total	1,848.7	11,522	1.04	7.20	141.1	32.51
1998						
Alabama	28.3	13,083	.74	8.50	148.0	38.73
Illinois	1,414.5	11,968	1.50	7.38	141.2	33.79
Kentucky	15.4	12,688	1.93	7.62	146.6	37.19
Pennsylvania.....	7.3	13,068	1.46	7.00	142.2	37.17
Wyoming.....	463.5	8,718	.42	5.23	132.3	23.07
Venezuela.....	173.7	12,586	.75	6.94	140.4	35.35
Total	2,102.6	11,327	1.20	6.88	139.8	31.66

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, 1993-1999 (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						
1999						
January - March						
Illinois	369.6	12,107	1.40	7.31	140.9	34.11
Kentucky	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming	132.4	8,702	.42	5.51	135.1	23.52
Colombia	117.0	11,863	.47	3.99	147.1	34.90
Venezuela	15.6	12,165	.75	7.60	142.5	34.67
Total	638.8	11,357	1.02	6.34	141.0	32.03
April - June						
Illinois	420.0	12,304	1.59	7.20	140.9	34.68
Wyoming	28.7	8,618	.44	5.60	136.8	23.58
Colombia	105.6	11,811	.50	4.30	147.1	34.75
Total	554.3	12,019	1.32	6.57	141.9	34.12
July - September						
Illinois	323.9	12,251	1.52	7.31	142.3	34.86
Wyoming	40.4	8,678	.39	5.20	138.4	24.02
Colombia	132.0	11,791	.39	3.66	140.0	33.02
Total	496.3	11,838	1.13	6.17	141.5	33.49
Year to Date						
Illinois	1,113.5	12,223	1.51	7.27	141.3	34.55
Kentucky	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming	201.4	8,685	.42	5.46	136.0	23.63
Colombia	354.6	11,821	.45	3.96	144.5	34.16
Venezuela	15.6	12,165	.75	7.60	142.5	34.67
Total	1,689.4	11,716	1.15	6.36	141.5	33.14
Company and Plant: New England Power (NEES), Brayton Point						
1993						
Kentucky	68.7	12,641	0.54	7.18	167.7	42.39
Maryland	1.0	13,161	1.48	10.11	153.6	40.44
West Virginia	1,659.3	12,985	1.05	8.54	167.5	43.51
Wyoming	7.0	8,889	.30	5.37	174.9	31.09
Colombia	187.2	12,144	.64	5.42	178.5	43.35
Venezuela	239.9	13,132	.71	7.83	162.5	42.67
Total	2,163.1	12,905	.96	8.14	167.9	43.33
1994						
Kentucky	138.0	12,543	.73	8.18	174.9	43.88
Pennsylvania	119.6	13,049	1.43	6.44	166.4	43.43
West Virginia	2,159.0	12,823	.98	8.61	170.6	43.75
Colombia	51.3	12,131	.65	5.60	172.2	41.78
Venezuela	351.2	12,955	.71	7.03	154.2	39.95
Total	2,819.1	12,822	.95	8.24	168.6	43.24
1995						
Kentucky	144.6	12,644	.73	7.74	171.9	43.47
West Virginia	1,491.6	12,687	.71	9.56	171.3	43.46
Colombia	307.8	12,218	.60	5.22	164.6	40.23
Venezuela	510.6	12,788	.69	7.03	160.0	40.92
Total	2,454.6	12,647	.69	8.38	168.1	42.53
1996						
Kentucky	262.9	12,628	.70	8.26	174.6	44.09
West Virginia	1,884.5	12,538	.70	10.16	172.9	43.37
Colombia	427.5	12,014	.59	5.52	168.0	40.35
Venezuela	572.4	12,937	.67	6.29	162.4	42.01
Total	3,147.3	12,547	.68	8.67	170.5	42.77
1997						
Kentucky	453.9	12,724	.70	7.54	172.3	43.83
West Virginia	1,585.2	12,526	.70	10.62	168.8	42.29
Colombia	668.5	12,119	.64	5.79	165.6	40.14
Venezuela	292.5	13,122	.68	6.35	165.2	43.36
Total	3,000.1	12,524	.69	8.66	168.3	42.15
1998						
Kentucky	342.5	12,710	.65	6.99	170.4	43.30
West Virginia	1,422.6	12,481	.69	10.75	165.9	41.41
Colombia	263.0	12,125	.64	6.10	161.4	39.14
Venezuela	209.5	13,149	.65	7.73	152.0	39.98
Total	2,237.6	12,537	.67	9.34	164.7	41.30

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, 1993-1999 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: New England Power (NEES), Salem Harbor						
1993						
Maryland.....	10.1	13,219	1.32	9.76	166.4	43.99
West Virginia.....	532.9	13,013	1.29	9.62	167.2	43.51
Venezuela.....	236.2	12,921	.57	6.65	162.5	41.99
Total	779.2	12,987	1.07	8.72	165.8	43.05
1994						
West Virginia.....	80.0	12,958	.77	8.71	177.5	45.99
Colombia.....	84.2	12,017	.57	6.07	159.9	38.44
Venezuela.....	565.5	12,678	.64	6.49	159.6	40.47
Total	729.7	12,632	.65	6.69	161.6	40.84
1995						
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
1997						
Kentucky.....	136.2	12,613	.66	7.78	176.6	44.55
West Virginia.....	181.1	12,500	.69	10.75	165.8	41.46
Colombia.....	409.1	12,101	.63	6.17	167.2	40.46
Venezuela.....	90.4	12,934	.69	5.82	156.8	40.58
Total	816.8	12,367	.66	7.41	167.3	41.37
1998						
West Virginia.....	81.1	12,344	.72	11.41	163.5	40.37
Colombia.....	204.1	12,105	.60	5.46	180.8	43.77
Venezuela.....	262.1	12,946	.71	5.59	153.2	39.68
Total	547.3	12,543	.67	6.41	164.7	41.31
Company and Plant: Public Serv Co of Indiana, Gallagher						
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

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, 1993-1999 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Co of Indiana, Gallagher						
1998						
Illinois	38.2	11,958	0.80	5.15	125.5	30.01
Indiana	18.5	11,020	1.39	9.49	109.5	24.14
Kentucky	3.3	11,461	1.15	13.50	114.7	26.29
Pennsylvania	635.9	13,109	2.08	7.57	105.9	27.76
West Virginia	510.4	13,273	2.25	6.84	106.1	28.17
Total	1,206.3	13,105	2.10	7.23	106.6	27.95
1999						
January - March						
Illinois	7.7	11,466	1.56	8.10	100.2	22.98
Indiana	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky	3.3	12,096	1.50	10.10	108.1	26.15
Pennsylvania	89.0	13,010	2.31	7.38	109.9	28.59
West Virginia	144.4	13,151	2.34	6.66	138.5	36.42
Total	284.5	12,754	2.18	7.35	124.7	31.80
April - June						
Illinois	84.9	11,026	1.50	10.70	121.1	26.70
Indiana	19.7	11,136	1.44	9.84	109.3	24.34
Pennsylvania	103.8	13,192	2.14	7.60	106.2	28.02
West Virginia	122.2	13,322	2.23	6.72	113.9	30.35
Total	330.6	12,561	1.97	8.20	112.7	28.32
July - September						
Illinois	8.6	10,538	1.42	12.00	116.7	24.60
Indiana	74.5	11,059	1.90	8.94	124.9	27.62
Kentucky	13.5	12,448	2.03	9.77	88.1	21.93
Pennsylvania	156.5	13,268	2.36	7.58	108.5	28.78
West Virginia	133.2	13,368	2.31	6.74	115.2	30.80
Total	386.3	12,787	2.22	7.73	113.1	28.92
Year to Date						
Illinois	101.2	11,018	1.50	10.61	119.1	26.24
Indiana	134.3	11,070	1.71	9.21	118.2	26.18
Kentucky	16.8	12,379	1.92	9.83	91.9	22.76
Pennsylvania	349.3	13,180	2.28	7.53	108.1	28.51
West Virginia	399.8	13,276	2.30	6.70	123.1	32.69
Total	1,001.4	12,703	2.12	7.78	116.3	29.54
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
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

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, 1993-1999 (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						
1998						
Pennsylvania	799.1	13,178	1.49	7.06	166.3	43.82
West Virginia	228.5	13,289	2.32	7.10	160.6	42.68
Total	1,027.6	13,203	1.67	7.07	165.0	43.57
1999						
January - March						
Kentucky	9.6	13,360	2.54	6.80	160.3	42.84
Pennsylvania	156.2	13,280	1.53	6.63	159.8	42.45
West Virginia	38.5	13,335	2.25	6.77	154.3	41.16
Total	204.2	13,294	1.72	6.67	158.8	42.22
April - June						
Pennsylvania	140.6	13,267	1.55	6.78	162.7	43.18
West Virginia	17.9	13,328	2.16	6.55	155.1	41.34
Total	158.4	13,274	1.62	6.76	161.9	42.97
July - September						
Pennsylvania	102.6	13,084	1.79	7.06	156.4	40.92
West Virginia	50.4	13,390	2.44	6.69	148.0	39.62
Total	152.9	13,185	2.01	6.94	153.6	40.49
Year to Date						
Kentucky	9.6	13,360	2.54	6.80	160.3	42.84
Pennsylvania	399.3	13,225	1.61	6.80	160.0	42.31
West Virginia	106.7	13,360	2.33	6.70	151.4	40.46
Total	515.6	13,255	1.77	6.77	158.2	41.94
Company and Plant: Public Serv Co of New Hampshire, Schiller						
1993						
West Virginia	57.6	13,238	0.75	7.40	171.7	45.45
Colombia	52.1	12,861	.64	7.49	150.0	38.59
Indonesia	16.0	12,620	.49	3.80	161.3	40.71
Venezuela	84.3	12,972	.58	6.08	138.6	35.95
Total	210.1	12,991	.63	6.62	152.3	39.58
1994						
Colombia	163.3	12,505	.62	5.55	135.5	33.89
Indonesia	113.0	12,360	.53	3.58	158.7	39.23
Total	276.3	12,446	.58	4.74	144.9	36.07
1995						
West Virginia	74.1	12,997	.80	8.76	164.3	42.72
Colombia	122.9	12,733	.62	6.70	160.0	40.73
Indonesia	79.7	12,300	.52	4.56	167.8	41.28
Venezuela	82.4	13,044	.71	7.24	156.5	40.84
Total	359.1	12,762	.66	6.77	161.8	41.29
1996						
Kentucky	14.5	12,830	.90	8.40	193.7	49.70
Pennsylvania	44.0	12,708	1.53	13.21	155.8	39.59
West Virginia	101.3	12,988	1.38	9.41	157.6	40.95
Colombia	32.3	12,169	.66	5.68	161.9	39.41
Indonesia	25.9	12,412	.72	8.20	161.9	40.19
Venezuela	56.1	13,061	.67	6.04	159.8	41.75
Total	274.2	12,799	1.09	8.72	160.6	41.11
1997						
Pennsylvania	29.5	13,002	1.75	8.00	159.2	41.40
West Virginia	140.0	12,969	1.41	8.20	160.0	41.51
Colombia	35.4	13,231	.63	6.70	160.1	42.37
Venezuela	229.0	12,217	.67	6.13	160.7	39.27
Total	433.9	12,596	.98	6.97	160.3	40.39
1998						
Pennsylvania	14.7	13,018	1.40	6.90	159.8	41.60
Colombia	34.7	13,188	.64	5.50	172.8	45.58
Venezuela	331.4	12,914	.65	5.72	148.1	38.25
Total	380.7	12,943	.68	5.75	150.8	39.05
1999						
January - March						
Pennsylvania	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela	113.9	13,177	.65	5.20	147.3	38.81
Total	127.2	13,165	.77	5.42	148.1	39.01

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, 1993-1999 (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						
1999						
April - June						
Venezuela	118.8	12,823	0.70	6.28	144.3	37.02
Total	118.8	12,823	.70	6.28	144.3	37.02
July - September						
Venezuela	155.7	13,077	.69	6.14	141.4	36.98
Total	155.7	13,077	.69	6.14	141.4	36.98
Year to Date						
Pennsylvania	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela	388.5	13,029	.68	5.91	144.0	37.53
Total	401.8	13,030	.72	5.95	144.4	37.63
Company and Plant: Public Serv Electric & Gas Co, Mercer						
1993						
Virginia	695.9	14,123	0.80	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						
Virginia	760.5	13,969	.73	5.15	153.8	42.97
West Virginia	171.8	12,785	.70	10.48	136.6	34.94
Venezuela	39.0	12,998	.68	5.50	155.3	40.37
Total	971.3	13,720	.72	6.11	151.0	41.44
1999						
January - March						
Virginia	88.6	13,818	.72	5.86	140.2	38.75
West Virginia	103.0	13,780	.72	5.94	140.3	38.67
Total	191.6	13,798	.72	5.90	140.3	38.71
April - June						
Virginia	205.9	13,831	.70	5.73	140.6	38.89
West Virginia	76.1	13,894	.71	5.50	140.0	38.90
Total	282.0	13,848	.70	5.67	140.4	38.89
July - September						
Virginia	210.8	13,663	.68	6.25	140.7	38.45
West Virginia	56.5	13,617	.70	6.44	140.1	38.15
Total	267.3	13,653	.69	6.29	140.6	38.39
Year to Date						
Virginia	505.3	13,759	.70	5.97	140.6	38.68
West Virginia	235.6	13,778	.71	5.92	140.2	38.62
Total	740.9	13,765	.70	5.95	140.4	38.66
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1993						
Kentucky	76.0	13,336	0.84	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

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, 1993-1999 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1995						
Kentucky	436.3	13,082	0.65	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						
Kentucky	110.1	12,933	.75	7.53	151.5	39.18
West Virginia	529.4	12,444	.88	12.10	141.2	35.14
Total	639.5	12,528	.85	11.31	143.0	35.84
1999						
January - March						
Kentucky	60.8	12,814	.78	9.03	146.6	37.57
West Virginia	202.8	12,556	.89	11.80	139.4	35.00
Total	263.6	12,616	.87	11.16	141.1	35.59
April - June						
Kentucky	30.6	12,819	.79	9.08	147.3	37.77
West Virginia	147.2	12,687	.87	10.55	143.5	36.42
Total	177.8	12,710	.86	10.30	144.2	36.66
July - September						
Kentucky	49.4	13,028	.82	8.27	146.3	38.12
West Virginia	169.4	12,817	.88	10.22	143.2	36.70
Total	218.8	12,865	.87	9.78	143.9	37.02
Year to Date						
Kentucky	140.8	12,890	.80	8.77	146.7	37.81
West Virginia	519.4	12,678	.88	10.93	141.8	35.96
Total	660.2	12,724	.86	10.47	142.9	36.35
Company and Plant: Savannah Electric and Power, Port Wentworth						
1993						
Kentucky	80.2	12,770	0.98	9.66	175.8	44.91
Virginia	174.6	12,782	.99	10.15	173.0	44.22
West Virginia	5.1	12,738	.77	8.60	166.7	42.46
Total	259.9	12,777	.98	9.97	173.7	44.40
1994						
Kentucky	106.7	12,520	1.19	9.54	172.2	43.13
Virginia	31.6	12,543	.98	10.23	169.4	42.49
Colombia	11.9	11,235	.69	5.87	214.1	48.12
Venezuela	16.8	12,575	1.12	8.60	168.0	42.25
Total	167.0	12,438	1.11	9.31	174.0	43.27
1995						
Kentucky	9.9	11,801	.55	14.50	143.0	33.75
Virginia	130.3	13,124	.87	9.43	159.0	41.74
Total	140.3	13,030	.85	9.79	158.0	41.17
1996						
Venezuela	209.9	12,143	1.08	6.71	152.8	37.11
Total	209.9	12,143	1.08	6.71	152.8	37.11
1997						
Venezuela	279.1	11,949	1.28	7.72	135.1	32.29
Total	279.1	11,949	1.28	7.72	135.1	32.29
1998						
Venezuela	414.5	12,492	1.01	7.19	144.6	36.14
Total	414.5	12,492	1.01	7.19	144.6	36.14
1999						
January - March						
Venezuela	106.6	12,422	.76	8.00	142.6	35.43
Total	106.6	12,422	.76	8.00	142.6	35.43
April - June						
Venezuela	153.3	12,820	.71	7.00	133.7	34.27
Total	153.3	12,820	.71	7.00	133.7	34.27

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, 1993-1999 (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						
1999						
July - September						
Kentucky.....	11.4	12,739	0.74	6.96	149.7	38.13
Venezuela.....	101.3	12,440	.78	6.60	142.4	35.44
Total	112.7	12,470	.78	6.64	143.2	35.71
Year to Date						
Kentucky.....	11.4	12,739	.74	6.96	149.7	38.13
Venezuela.....	361.2	12,596	.74	7.18	138.7	34.94
Total	372.6	12,600	.74	7.18	139.0	35.04
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
1993						
Montana.....	10.0	9,482	0.37	4.10	182.6	34.63
Washington.....	2.2	10,967	.70	14.47	163.5	35.87
Canada.....	29.2	10,036	.48	12.60	179.5	36.03
Total	41.4	9,951	.46	10.64	179.3	35.68
1994						
Montana.....	26.4	9,465	.41	4.63	175.8	33.27
Washington.....	3.3	10,865	.72	13.30	165.3	35.91
Canada.....	6.3	9,806	.48	12.80	178.0	34.91
Total	36.1	9,655	.45	6.87	175.1	33.81
1995						
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						
Washington.....	.9	10,800	.73	66.06	165.5	35.74
Total .....	.9	10,800	.73	66.06	165.5	35.74
Company and Plant: Tampa Electric, Davant Transfer²						
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

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, 1993-1999 (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 Transfer²						
1996						
Colorado.....	138.6	12,929	0.48	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						
Illinois.....	3,735.6	11,999	2.41	8.58	154.4	37.06
Indiana.....	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky.....	1,729.7	11,573	2.73	7.76	128.9	29.83
West Virginia.....	158.3	13,214	2.25	7.56	137.5	36.33
Wyoming.....	1,064.4	8,724	.40	5.15	134.4	23.45
Indonesia.....	597.0	9,515	.21	1.09	157.1	29.89
Total.....	7,315.4	11,241	2.01	7.26	145.6	32.73
1999						
January - March						
Illinois.....	1,110.3	12,046	2.24	8.31	149.3	35.96
Kentucky.....	509.9	11,682	2.78	7.66	125.2	29.25
Wyoming.....	71.7	8,772	.22	4.52	123.9	21.73
Venezuela.....	73.5	9,349	.28	1.10	163.3	30.53
Total.....	1,765.4	11,696	2.23	7.67	142.0	33.22
April - June						
Illinois.....	869.3	12,058	2.32	8.41	149.2	35.98
Kentucky.....	162.0	11,455	2.85	9.15	122.0	27.96
West Virginia.....	147.0	13,297	1.95	7.67	128.9	34.28
Wyoming.....	29.0	8,653	.21	4.70	124.3	21.51
Indonesia.....	156.1	9,393	.14	1.00	130.4	24.50
Venezuela.....	77.7	9,396	.08	12.00	130.8	24.58
Total.....	1,441.1	11,616	1.94	7.73	141.0	32.76
July - September						
Illinois.....	796.1	12,129	2.38	8.69	146.5	35.54
Kentucky.....	45.0	11,655	2.87	9.10	121.9	28.42
West Virginia.....	76.4	13,198	2.31	7.99	128.9	34.03
Wyoming.....	149.4	8,766	.19	4.50	125.9	22.07
Indonesia.....	231.6	9,422	.11	1.03	131.6	24.80
Total.....	1,298.5	11,306	1.74	6.81	140.4	31.74
Year to Date						
Illinois.....	2,775.8	12,074	2.30	8.45	148.5	35.85
Kentucky.....	717.0	11,629	2.80	8.09	124.3	28.90
West Virginia.....	223.4	13,263	2.07	7.78	128.9	34.19
Wyoming.....	250.1	8,755	.20	4.53	125.1	21.91
Indonesia.....	387.6	9,410	.12	1.02	131.1	24.68
Venezuela.....	151.2	9,373	.18	6.70	146.6	27.47
Total.....	4,505.0	11,558	2.00	7.44	141.2	32.65
Company and Plant: United Illuminating Co, Bridgeport Harbor						
1993						
Kentucky.....	665.0	13,113	0.54	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

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, 1993-1999 (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: United Illuminating Co, Bridgeport Harbor						
1995						
Kentucky	836.0	13,109	0.56	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						
Kentucky	456.0	13,115	.50	7.03	183.3	48.09
West Virginia	95.0	13,308	.61	7.17	181.6	48.34
Venezuela	106.0	13,084	.60	5.47	171.0	44.75
Total	657.0	13,138	.53	6.80	181.1	47.59
1999						
January - March						
Venezuela	35.0	13,541	.61	4.85	169.3	45.85
Total	35.0	13,541	.61	4.85	169.3	45.85
Year to Date						
Venezuela	35.0	13,541	.61	4.85	169.3	45.85
Total	35.0	13,541	.61	4.85	169.3	45.85
Total of U.S. Electric Utility Plants						
1993						
Alabama	944.5	12,222	1.02	11.61	208.6	50.98
Colorado	1,947.6	10,661	.40	6.86	198.9	42.40
Illinois	4,641.0	11,965	2.60	8.56	164.5	39.37
Indiana	485.4	11,003	2.15	8.88	136.5	30.05
Kentucky	9,229.6	12,683	1.33	8.13	173.3	43.95
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
Pennsylvania	1,351.5	13,185	1.67	7.02	161.0	42.47
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	8,856.8	12,899	1.03	8.99	166.8	43.04
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	44,650.2	11,371	1.05	7.45	162.6	36.99
1994						
Alabama	1,485.5	12,357	.87	10.27	199.7	49.35
Colorado	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois	5,260.9	11,785	2.44	8.43	157.4	37.11
Indiana	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky	8,932.1	12,629	1.37	8.27	176.4	44.57
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
Pennsylvania	1,929.0	13,164	1.72	7.20	145.7	38.36
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	11,034.9	12,703	.95	9.69	164.3	41.75
Wyoming	10,628.8	8,440	.35	5.15	133.6	22.55
Canada	63.3	10,885	.26	10.53	152.4	33.19
Colombia	2,971.8	11,997	.66	6.76	142.7	34.25
Indonesia	437.3	10,499	.22	1.82	157.4	33.06
South Africa	127.3	11,318	.65	12.60	181.1	41.00
Venezuela	1,355.2	12,649	.76	6.61	172.3	43.60
Total	49,274.3	11,425	1.01	7.67	160.7	36.72

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, 1993-1999 (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						
Alabama	1,358.3	12,530	0.90	9.32	198.7	49.80
Colorado	3,564.2	11,472	.42	8.38	170.4	39.10
Illinois	5,914.3	11,902	2.02	8.00	159.8	38.04
Indiana	133.3	11,064	1.31	9.65	116.2	25.72
Kentucky	8,569.0	12,608	1.27	8.04	165.3	41.69
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
Pennsylvania	1,872.1	13,189	1.72	7.25	141.2	37.25
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	8,183.5	12,615	.78	10.19	163.1	41.14
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	47,726.6	11,289	.91	7.53	158.7	35.83
1996						
Alabama	1,523.3	12,318	.71	12.08	205.3	50.59
Colorado	2,492.2	10,810	.41	6.65	143.2	30.95
Illinois	7,658.9	12,002	1.87	7.22	159.7	38.33
Indiana	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky	10,151.4	12,536	1.34	8.59	162.1	40.64
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
Pennsylvania	1,906.8	13,184	1.72	7.27	143.7	37.89
Virginia	17.9	14,102	.74	5.76	201.2	56.74
West Virginia	9,366.6	12,599	.82	10.35	160.1	40.33
Wyoming	12,312.0	8,457	.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	52,590.9	11,258	.95	7.54	154.7	34.82
1997						
Alabama	2,587.5	12,174	.92	12.64	199.3	48.52
Colorado	1,566.9	10,317	.39	6.15	136.3	28.12
Illinois	6,651.2	11,960	1.70	7.60	161.4	38.61
Indiana	10.0	11,077	1.51	8.06	135.2	29.96
Kentucky	9,239.6	12,440	1.51	8.98	162.6	40.47
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
Pennsylvania	2,307.7	13,166	1.67	7.38	143.1	37.69
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	9,451.5	12,639	.86	10.42	158.9	40.16
Wyoming	12,726.4	8,469	.41	5.54	128.7	21.80
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	52,996.9	11,179	.95	7.70	154.5	34.55
1998						
Alabama	3,168.9	12,271	.72	12.25	199.2	48.90
Colorado	1,401.4	10,529	.39	6.20	142.4	30.00
Illinois	7,511.0	12,031	1.87	7.90	151.9	36.55
Indiana	48.9	10,923	2.41	9.93	119.2	26.05
Kentucky	8,872.8	12,471	1.44	8.64	156.9	39.14
Maryland	170.1	13,222	1.47	8.91	146.3	38.69
Montana	2,831.1	9,412	.37	4.46	147.2	27.70
Pennsylvania	2,360.7	13,161	1.61	7.18	140.6	37.00
Virginia	145.1	13,642	.80	6.14	176.6	48.19
Washington .....	.9	10,800	.73	66.06	165.5	35.74
West Virginia	8,703.5	12,619	.89	10.57	151.1	38.13
Wyoming	15,197.3	8,474	.39	5.52	123.5	20.93
Colombia	2,530.1	12,002	.65	6.40	152.4	36.57

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, 1993-1999 (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						
Indonesia.....	899.5	9,505	0.17	1.01	167.3	31.80
Venezuela.....	2,376.6	12,846	.73	6.65	155.5	39.95
Total	56,218.0	11,121	.93	7.56	149.2	33.19
1999						
January - March						
Alabama.....	953.9	12,114	.73	12.99	203.1	49.21
Colorado.....	410.3	10,688	.41	6.58	146.2	31.24
Illinois.....	2,224.0	12,085	1.79	7.65	147.4	35.63
Indiana.....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky.....	1,724.5	12,387	1.59	8.61	152.8	37.87
Montana.....	558.5	9,411	.37	4.60	147.2	27.71
Pennsylvania.....	472.0	13,207	1.63	6.77	140.6	37.13
Virginia.....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia.....	1,832.2	12,591	.91	11.25	147.2	37.08
Wyoming.....	4,448.7	8,524	.38	5.67	121.4	20.70
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	585.1	11,767	.60	6.51	148.3	34.90
Venezuela.....	648.8	12,464	.64	6.01	156.8	39.09
Total	13,973.2	10,947	.92	7.69	145.9	31.95
April - June						
Alabama.....	1,089.8	12,111	.78	13.58	203.6	49.32
Colorado.....	989.1	11,126	.46	8.47	154.8	34.44
Illinois.....	2,170.3	12,125	1.84	7.82	142.7	34.61
Indiana.....	19.7	11,136	1.44	9.84	109.3	24.34
Kentucky.....	1,259.9	12,592	1.40	9.05	161.0	40.54
Maryland.....	37.5	13,059	1.49	9.32	146.0	38.13
Montana.....	176.2	9,391	.37	4.60	147.6	27.72
Pennsylvania.....	516.9	13,259	1.59	6.86	137.3	36.41
Virginia.....	25.9	13,628	.76	6.18	178.8	48.74
West Virginia.....	1,984.1	12,722	.96	10.51	144.6	36.79
Wyoming.....	4,159.5	8,394	.39	5.61	120.6	20.24
Colombia.....	487.0	11,809	.60	5.80	155.3	36.68
Indonesia.....	156.1	9,393	.14	1.00	130.4	24.50
Venezuela.....	499.2	12,283	.60	7.43	142.5	35.01
Total	13,571.3	11,013	.90	7.92	146.3	32.22
July - September						
Alabama.....	813.1	12,190	.72	13.39	207.2	50.52
Colorado.....	725.0	10,972	.50	8.36	149.2	32.74
Illinois.....	1,842.5	12,177	1.77	7.79	145.0	35.32
Indiana.....	74.5	11,059	1.90	8.94	124.9	27.62
Kentucky.....	1,318.1	12,740	1.23	8.95	157.9	40.23
Maryland.....	46.5	13,054	1.48	9.54	146.1	38.14
Montana.....	74.0	9,354	.38	4.70	157.8	29.52
Pennsylvania.....	441.1	13,146	1.90	7.15	132.9	34.94
Virginia.....	70.1	13,440	.78	7.41	174.8	47.00
West Virginia.....	1,879.8	12,795	1.01	10.08	144.5	36.98
Wyoming.....	4,177.8	8,462	.35	5.48	119.7	20.26
Colombia.....	667.2	11,807	.56	5.23	154.8	36.55
Indonesia.....	231.6	9,422	.11	1.03	131.6	24.80
Venezuela.....	491.3	12,906	.69	6.50	149.2	38.50
Total	12,852.7	11,030	.86	7.55	144.9	31.97
Year to Date						
Alabama.....	2,856.8	12,135	.75	13.33	204.5	49.63
Colorado.....	2,124.5	10,989	.46	8.07	151.2	33.24
Illinois.....	6,236.8	12,126	1.80	7.75	145.1	35.18
Indiana.....	134.3	11,070	1.71	9.21	118.2	26.18
Kentucky.....	4,302.5	12,555	1.43	8.84	156.8	39.37
Maryland.....	84.0	13,056	1.49	9.44	146.0	38.13
Montana.....	808.7	9,401	.37	4.61	148.3	27.88
Pennsylvania.....	1,430.0	13,207	1.70	6.92	137.0	36.19
Virginia.....	108.2	13,513	.77	6.92	176.4	47.68
West Virginia.....	5,696.0	12,704	.96	10.61	145.4	36.95
Wyoming.....	12,786.0	8,461	.37	5.59	120.6	20.41
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	1,739.3	11,794	.59	5.82	152.8	36.03
Indonesia.....	387.6	9,410	.12	1.02	131.1	24.68
Venezuela.....	1,639.4	12,541	.64	6.59	150.2	37.67
Total	40,397.2	10,995	.89	7.72	145.7	32.05

¹ Data reported on quality of coal as received.

² Coal delivered to Tampa Electric's Davant Transfer (New Orleans) is ultimately shipped to Tampa Electric's Big Bend and Gannon plants incurring an additional transportation cost.

Notes: Total may not equal sum of components because of independent rounding. Only plants that have received imported coal since January 1, 1993, are included.

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