

# **Quarterly Coal Report April-June 1999**

**Energy Information Administration**  
Office of Coal, Nuclear, Electric  
and Alternate Fuels  
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# Preface

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

This report presents detailed quarterly data for April through June 1999 and aggregated quarterly historical data for 1993 through the first 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 and residential/commercial receipts and consumption, 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 <sup>1</sup>	Consumption <sup>2</sup>	Exports	Consumer Stocks <sup>1</sup>	Losses and Unaccounted For <sup>3</sup>
1993							
January - March .....	243,417	1,213	38,453	229,165	18,870	152,619	
April - June .....	233,750	1,093	34,827	214,820	19,946	154,842	
July - September .....	227,131	2,142	27,183	249,872	18,522	121,909	
October - December .....	241,127	2,861	25,284	232,087	17,181	120,458	
<b>Total .....</b>	<b>945,424</b>	<b>7,309</b>		<b>944,081</b>	<b>74,519</b>		<b>-13,924</b>
1994							
January - March .....	255,153	1,850	34,139	237,596	14,877	112,278	
April - June .....	256,964	1,577	35,758	223,145	17,940	126,694	
July - September .....	260,853	2,304	32,955	245,820	19,704	121,225	
October - December .....	260,535	1,853	33,219	223,640	18,838	136,139	
<b>Total .....</b>	<b>1,033,504</b>	<b>7,584</b>		<b>951,461</b>	<b>71,359</b>		<b>-5,348</b>
1995							
January - March .....	267,121	1,795	42,460	227,695	18,988	144,004	
April - June .....	249,352	1,609	42,104	217,496	23,184	151,657	
July - September .....	257,857	1,725	36,193	259,415	22,175	131,739	
October - December .....	258,644	2,071	34,444	236,274	24,201	134,639	
<b>Total .....</b>	<b>1,032,974</b>	<b>7,201</b>		<b>962,039</b>	<b>88,547</b>		<b>-10,136</b>
1996							
January - March .....	259,756	1,713	36,851	243,360	20,516	124,752	
April - June .....	263,397	1,552	37,344	229,264	23,039	134,280	
July - September .....	272,118	2,071	33,780	259,657	23,504	127,588	
October - December .....	268,585	1,790	28,648	251,053	23,414	122,979	
<b>Total .....</b>	<b>1,063,856</b>	<b>7,126</b>		<b>1,005,573</b>	<b>90,473</b>		<b>-7,608</b>
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	
<b>Total .....</b>	<b>1,089,932</b>	<b>7,487</b>		<b>1,029,228</b>	<b>83,545</b>		<b>-4,101</b>
1998							
January - March .....	281,583	1,839	E 40,994	247,299	18,621	114,574	
April - June .....	275,409	2,193	E 38,331	243,796	20,749	124,366	
July - September .....	278,581	2,145	E 39,803	277,307	19,898	111,862	
October - December .....	282,560	2,547	36,144	246,265	18,780	128,089	
<b>Total .....</b>	<b>1,118,133</b>	<b>8,724</b>		<b>1,042,748</b>	<b>78,048</b>		<b>-17,798</b>
1999							
January - March .....	282,282	2,248	E 37,938	243,469	12,961	142,405	
April - June .....	263,333	2,098	E 43,219	239,513	14,449	149,005	
<b>Total .....</b>	<b>545,614</b>	<b>4,346</b>		<b>482,982</b>	<b>27,410</b>		<b>-24,567</b>

<sup>1</sup> Reported as of the last day of the quarter.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>E</sup> 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 <sup>1</sup>	Producer and Distributor Stocks <sup>2</sup>	Consumption <sup>3</sup>	Exports <sup>1</sup>
<b>1993 January - March</b> .....	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
<b>Total</b> .....	<b>23,182</b>	<b>2,155</b>		<b>24,697</b>	<b>1,062</b>
<b>1994 January - March</b> .....	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
<b>Total</b> .....	<b>22,686</b>	<b>3,338</b>		<b>25,563</b>	<b>986</b>
<b>1995 January - March</b> .....	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
<b>Total</b> .....	<b>23,749</b>	<b>3,820</b>		<b>25,895</b>	<b>1,358</b>
<b>1996 January - March</b> .....	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
<b>Total</b> .....	<b>23,075</b>	<b>2,542</b>		<b>23,974</b>	<b>1,622</b>
<b>1997 January - March</b> .....	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
<b>Total</b> .....	<b>22,116</b>	<b>3,139</b>		<b>24,017</b>	<b>1,266</b>
<b>1998 January - March</b> .....	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
<b>Total</b> .....	<b>20,041</b>	<b>3,834</b>		<b>23,029</b>	<b>1,129</b>
<b>1999 January - March</b> .....	4,790	781	1,020	5,288	195
April - June .....	4,974	790	990	5,569	225
<b>Total</b> .....	<b>9,764</b>	<b>1,571</b>		<b>10,857</b>	<b>420</b>

<sup>1</sup> 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).

<sup>2</sup> Reported as of the last day of the quarter.

<sup>3</sup> 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	NA	NA	545,614

NA Not available.

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

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

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

Coal-Producing Region and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
Alabama.....	5,156	5,643	5,650	10,800	11,992	-9.9
Alaska.....	391	345	393	737	760	-3.1
Arizona.....	2,806	3,133	2,616	5,939	5,752	3.3
Arkansas.....	8	6	7	14	12	14.5
Colorado.....	7,040	7,408	7,435	14,449	14,469	-.1
Illinois.....	10,637	10,544	10,529	21,181	20,790	1.9
Indiana.....	8,358	8,686	8,996	17,044	18,215	-6.4
Kansas.....	110	113	97	222	191	16.2
Kentucky Total.....	33,638	36,827	36,865	70,466	76,928	-8.4
Eastern.....	26,379	29,143	28,458	55,522	59,076	-6.0
Western.....	7,259	7,684	8,407	14,944	17,852	-16.3
Louisiana.....	605	572	727	1,177	1,477	-20.3
Maryland.....	902	1,033	912	1,935	2,026	-4.5
Missouri.....	120	123	82	243	155	56.8
Montana.....	9,273	10,048	10,638	19,322	21,093	-8.4
New Mexico.....	6,918	8,247	6,835	15,165	13,456	12.7
North Dakota.....	7,082	7,968	6,911	15,050	14,705	2.3
Ohio.....	5,648	6,237	7,058	11,885	14,654	-18.9
Oklahoma.....	361	438	457	799	873	-8.4
Pennsylvania Total.....	17,959	20,127	19,792	38,086	40,252	-5.4
Anthracite.....	1,150	1,116	1,177	2,266	2,406	-5.8
Bituminous.....	16,809	19,011	18,615	35,819	37,846	-5.4
Tennessee.....	831	718	659	1,549	1,316	17.7
Texas.....	13,372	11,982	13,081	25,354	25,904	-2.1
Utah.....	5,842	6,655	6,255	12,497	12,494	*
Virginia.....	7,290	8,341	8,330	15,631	16,669	-6.2
Washington.....	1,144	854	1,197	1,997	2,091	-4.5
West Virginia Total.....	38,555	42,667	43,165	81,222	87,579	-7.3
Northern.....	8,854	10,850	11,146	19,704	23,172	-15.0
Southern.....	29,701	31,817	32,020	61,519	64,408	-4.5
Wyoming.....	79,285	83,567	76,723	162,851	153,141	6.3
<b>Appalachian Total.....</b>	<b>102,721</b>	<b>113,909</b>	<b>114,025</b>	<b>216,630</b>	<b>233,564</b>	<b>-7.3</b>
<b>Interior Total.....</b>	<b>40,830</b>	<b>40,147</b>	<b>42,382</b>	<b>80,977</b>	<b>85,468</b>	<b>-5.3</b>
<b>Western Total.....</b>	<b>119,781</b>	<b>128,225</b>	<b>119,002</b>	<b>248,006</b>	<b>237,960</b>	<b>4.2</b>
<b>East of the Miss. River.....</b>	<b>128,975</b>	<b>140,823</b>	<b>141,956</b>	<b>269,798</b>	<b>290,420</b>	<b>-7.1</b>
<b>West of the Miss. River.....</b>	<b>134,357</b>	<b>141,459</b>	<b>133,452</b>	<b>275,816</b>	<b>266,572</b>	<b>3.5</b>
<b>U.S. Total.....</b>	<b>263,333</b>	<b>282,282</b>	<b>275,409</b>	<b>545,614</b>	<b>556,992</b>	<b>-2.0</b>

\* Rounded to zero.

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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,486	1,449	1,628	2,935	3,237	-9.3
<b>East North Central Total</b> .....	2,473	2,398	2,338	4,871	4,465	9.1
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	712	671	764	1,383	1,481	-6.6
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>5,283</b>	<b>5,079</b>	<b>5,466</b>	<b>10,363</b>	<b>10,563</b>	<b>-1.9</b>
<b>Coke Total</b> .....	4,974	4,790	5,144	9,764	9,956	-1.9
<b>Breeze Total</b> .....	310	290	322	599	607	-1.3

<sup>w</sup> 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	1,213	19,946	1,093	18,522	2,142	17,181	2,861	74,519	7,309
1994.....	14,877	1,850	17,940	1,577	19,704	2,304	18,838	1,853	71,359	7,584
1995.....	18,988	1,795	23,184	1,609	22,175	1,725	24,201	2,071	88,547	7,201
1996.....	20,516	1,713	23,039	1,552	23,504	2,071	23,414	1,790	90,473	7,126
1997.....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,545	7,487
1998.....	18,621	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	NA	NA	NA	NA	27,410	4,346

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	\$30.70	\$41.42	\$32.26	\$40.72	\$29.52	\$41.00	\$28.91	\$41.41	\$29.89
1994.....	41.89	28.86	40.01	28.73	38.86	30.92	39.43	31.93	39.93	30.21
1995.....	39.90	32.33	39.59	36.16	40.99	33.61	40.55	34.54	40.27	34.13
1996.....	41.77	33.52	40.78	32.46	40.53	33.19	40.08	34.55	40.76	33.45
1997.....	41.72	33.85	40.80	35.26	39.42	33.69	40.40	34.49	40.55	34.32
1998.....	41.66	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	NA	NA	NA	NA	NA	NA

NA Not available.

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

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

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

Continent and Country of Destination	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>6,197,438</b>	<b>2,163,542</b>	<b>6,469,414</b>	<b>8,360,980</b>	<b>9,251,422</b>	<b>-9.6</b>
Canada <sup>1</sup> .....	5,805,024	1,882,736	6,055,672	7,687,760	8,382,081	-8.3
Dominican Republic.....	-	103	21,120	103	65,033	-99.8
Jamaica.....	-	-	-	-	14,779	-
Mexico.....	392,212	279,505	388,793	671,717	782,286	-14.1
Other <sup>2</sup> .....	202	1,198	3,829	1,400	7,243	-80.7
<b>South America Total</b> .....	<b>1,223,781</b>	<b>1,059,932</b>	<b>1,824,955</b>	<b>2,283,713</b>	<b>3,833,232</b>	<b>-40.4</b>
Argentina.....	671	45	88,108	716	177,865	-99.6
Brazil.....	1,209,481	1,009,328	1,675,778	2,218,809	3,464,746	-36.0
Chile.....	97	42,982	434	43,079	50,713	-15.1
Other <sup>2</sup> .....	13,532	7,577	60,635	21,109	139,908	-84.9
<b>Europe Total</b> .....	<b>5,376,781</b>	<b>7,003,487</b>	<b>8,847,729</b>	<b>12,380,268</b>	<b>18,222,902</b>	<b>-32.1</b>
Belgium & Luxembourg.....	574,165	752,446	964,236	1,326,611	1,951,776	-32.0
Bulgaria.....	186,515	127,593	372,706	314,108	878,937	-64.3
Denmark.....	-	-	119,524	-	274,433	-
Finland.....	78,863	-	202,862	78,863	202,862	-61.1
France.....	648,555	544,042	792,175	1,192,597	1,666,424	-28.4
Germany, FR.....	151,024	248,854	375,650	399,878	614,457	-34.9
Iceland.....	11,078	12,080	14,473	23,158	27,424	-15.6
Ireland.....	252,373	257,301	134,670	509,674	626,171	-18.6
Italy.....	1,115,293	887,646	1,459,751	2,002,939	3,072,092	-34.8
Netherlands.....	625,706	1,317,855	929,105	1,943,561	2,098,519	-7.4
Norway.....	29,546	19,543	13,246	49,089	38,337	28.0
Portugal.....	78,733	145,557	205,670	224,290	353,505	-36.6
Romania.....	103,324	218,271	533,098	321,595	884,083	-63.6
Spain.....	476,757	870,941	806,531	1,347,698	1,682,684	-19.9
Sweden.....	203,200	-	81,004	203,200	158,576	28.1
Turkey.....	115,726	328,644	427,660	444,370	1,037,609	-57.2
United Kingdom.....	724,894	1,272,714	1,415,188	1,997,608	2,652,568	-24.7
Other <sup>2</sup> .....	1,029	-	180	1,029	2,445	-57.9
<b>Asia Total</b> .....	<b>1,426,987</b>	<b>2,448,551</b>	<b>2,848,527</b>	<b>3,875,538</b>	<b>6,548,755</b>	<b>-40.8</b>
China (Taiwan).....	260,522	127,648	406,838	388,170	681,247	-43.0
Israel.....	98,464	194,711	151,191	293,175	333,513	-12.1
Japan.....	670,480	1,386,752	1,602,131	2,057,232	4,094,681	-49.8
Korea, Republic of.....	396,853	724,295	667,827	1,121,148	1,388,111	-19.2
Other <sup>2</sup> .....	668	15,145	20,540	15,813	51,203	-69.1
<b>Oceania &amp; Australia Total</b> .....	<b>40</b>	<b>-</b>	<b>170</b>	<b>40</b>	<b>4,133</b>	<b>-99.0</b>
<b>Africa Total</b> .....	<b>223,817</b>	<b>285,676</b>	<b>758,073</b>	<b>509,493</b>	<b>1,508,992</b>	<b>-66.2</b>
Algeria.....	55,113	88,147	55,102	143,260	169,625	-15.5
Egypt.....	53,200	95,325	367,253	148,525	684,124	-78.3
Morocco.....	-	-	68,102	-	68,102	-
South Africa, Rep of.....	115,504	102,204	264,095	217,708	579,404	-62.4
Other <sup>2</sup> .....	-	-	3,521	-	7,737	-
<b>Total</b> .....	<b>14,448,844</b>	<b>12,961,188</b>	<b>20,748,868</b>	<b>27,410,032</b>	<b>39,369,436</b>	<b>-30.4</b>

<sup>1</sup> 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.

<sup>2</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$29.07</b>	<b>\$29.75</b>	<b>\$28.55</b>	<b>\$29.23</b>	<b>\$28.78</b>	<b>1.6</b>
Canada <sup>1</sup> .....	28.13	27.37	28.10	27.95	28.03	-3
Dominican Republic.....	-	34.52	36.74	34.52	36.74	-6.1
Jamaica.....	-	-	-	-	39.69	-
Mexico.....	42.83	44.10	34.87	43.36	35.66	21.6
Other <sup>2</sup> .....	40.70	40.82	40.79	40.81	41.00	-5
<b>South America Total</b> .....	<b>41.11</b>	<b>41.03</b>	<b>43.49</b>	<b>41.07</b>	<b>43.32</b>	<b>-5.2</b>
Argentina.....	40.77	-	43.39	40.77	45.07	-9.5
Brazil.....	41.10	41.57	43.52	41.31	43.52	-5.1
Chile.....	-	28.16	40.75	28.16	28.67	-1.8
Other <sup>2</sup> .....	44.31	41.41	42.68	42.69	41.62	2.6
<b>Europe Total</b> .....	<b>42.00</b>	<b>42.27</b>	<b>43.23</b>	<b>42.15</b>	<b>43.89</b>	<b>-4.0</b>
Belgium & Luxembourg.....	43.84	45.80	44.62	44.95	45.78	-1.8
Bulgaria.....	40.89	38.10	42.58	39.76	44.61	-10.9
Denmark.....	-	-	34.02	-	34.02	-
Finland.....	36.59	-	40.46	36.59	40.46	-9.6
France.....	43.74	44.48	46.06	44.08	46.29	-4.8
Germany, FR.....	30.13	33.03	33.87	31.94	36.86	-13.4
Iceland.....	54.25	54.26	56.60	54.26	56.60	-4.1
Ireland.....	29.26	31.49	37.42	30.39	37.64	-19.3
Italy.....	46.40	47.76	46.75	47.00	46.52	1.0
Netherlands.....	40.28	41.66	44.17	41.22	45.79	-10.0
Norway.....	-	50.81	57.11	50.81	57.17	-11.1
Portugal.....	38.43	44.09	37.39	42.10	38.52	9.3
Romania.....	37.88	39.92	42.35	39.26	42.62	-7.9
Spain.....	37.93	42.01	41.91	40.57	43.06	-5.8
Sweden.....	45.36	-	46.80	45.36	47.61	-4.7
Turkey.....	45.36	42.12	46.32	42.96	45.52	-5.6
United Kingdom.....	43.45	40.69	41.36	41.69	41.13	1.4
Other <sup>2</sup> .....	40.00	-	40.58	40.00	34.93	14.5
<b>Asia Total</b> .....	<b>35.83</b>	<b>39.68</b>	<b>39.66</b>	<b>38.26</b>	<b>40.02</b>	<b>-4.4</b>
China (Taiwan).....	34.39	34.52	34.34	34.43	35.26	-2.4
Israel.....	32.34	30.69	31.93	31.24	34.18	-8.6
Japan.....	36.18	39.17	39.97	38.20	39.65	-3.7
Korea, Republic of.....	37.06	43.70	43.87	41.35	44.80	-7.7
Other <sup>2</sup> .....	40.70	53.79	39.91	53.30	40.45	31.8
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>40.61</b>	<b>-</b>	<b>50.70</b>	<b>-</b>
<b>Africa Total</b> .....	<b>48.20</b>	<b>49.12</b>	<b>44.77</b>	<b>48.72</b>	<b>45.48</b>	<b>7.1</b>
Algeria.....	45.09	41.25	41.30	42.73	43.89	-2.6
Egypt.....	51.26	57.51	44.53	55.27	44.26	24.9
Morocco.....	-	-	31.57	-	31.57	-
South Africa, Rep of.....	48.28	48.09	49.28	48.19	49.31	-2.3
Other <sup>2</sup> .....	-	-	40.81	-	38.85	-
<b>Total</b> <sup>3</sup> .....	<b>35.92</b>	<b>39.89</b>	<b>38.28</b>	<b>37.80</b>	<b>39.75</b>	<b>-4.9</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>36.70</b>	<b>40.55</b>	<b>38.49</b>	<b>38.52</b>	<b>39.99</b>	<b>-3.7</b>

<sup>1</sup> 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.

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

<sup>3</sup> 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.

<sup>4</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>4,977,333</b>	<b>2,003,987</b>	<b>5,129,884</b>	<b>6,981,320</b>	<b>7,408,601</b>	<b>-5.8</b>
Canada <sup>1</sup> .....	4,585,136	1,723,608	4,732,060	6,308,744	6,556,064	-3.8
Dominican Republic.....	-	103	21,120	103	65,033	-99.8
Jamaica.....	-	-	-	-	14,779	-
Mexico.....	392,016	279,078	372,875	671,094	765,482	-12.3
Other <sup>2</sup> .....	181	1,198	3,829	1,379	7,243	-81.0
<b>South America Total</b> .....	<b>8,468</b>	<b>60,408</b>	<b>45,284</b>	<b>68,876</b>	<b>190,621</b>	<b>-63.9</b>
Argentina.....	671	45	5,394	716	20,379	-96.5
Brazil.....	-	9,916	9,323	9,916	10,123	-2.0
Chile.....	97	42,982	434	43,079	50,713	-15.1
Other <sup>2</sup> .....	7,700	7,465	30,133	15,165	109,406	-86.1
<b>Europe Total</b> .....	<b>633,482</b>	<b>1,469,235</b>	<b>1,940,154</b>	<b>2,102,717</b>	<b>4,134,911</b>	<b>-49.1</b>
Belgium & Luxembourg.....	-	34,749	127,994	34,749	254,513	-86.3
Denmark.....	-	-	119,524	-	274,433	-
France.....	22,930	7,385	-	30,315	81,196	-62.7
Germany, FR.....	127,074	186,510	263,730	313,584	392,725	-20.2
Ireland.....	252,373	257,301	134,670	509,674	626,171	-18.6
Italy.....	493	12,347	283,892	12,840	674,584	-98.1
Netherlands.....	79,737	327,962	102,494	407,699	153,063	166.4
Portugal.....	-	-	132,921	-	214,139	-
Spain.....	149,846	205,016	248,445	354,862	416,397	-14.8
Turkey.....	-	589	295	589	1,220	-51.7
United Kingdom.....	-	437,376	526,009	437,376	1,044,025	-58.1
Other <sup>2</sup> .....	1,029	-	180	1,029	2,445	-57.9
<b>Asia Total</b> .....	<b>807,682</b>	<b>858,986</b>	<b>1,073,263</b>	<b>1,666,668</b>	<b>2,729,029</b>	<b>-38.9</b>
China (Taiwan).....	260,522	127,648	406,838	388,170	602,420	-35.6
Israel.....	98,464	194,711	115,597	293,175	260,228	12.7
Japan.....	294,675	427,807	372,662	722,482	1,503,905	-52.0
Korea, Republic of.....	153,353	105,799	157,626	259,152	311,273	-16.7
Other <sup>2</sup> .....	668	3,021	20,540	3,689	51,203	-92.8
<b>Oceania &amp; Australia Total</b> .....	<b>40</b>	<b>-</b>	<b>170</b>	<b>40</b>	<b>1,302</b>	<b>-96.9</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>72,347</b>	<b>-</b>	<b>76,563</b>	<b>-</b>
Egypt.....	-	-	724	-	724	-
Morocco.....	-	-	68,102	-	68,102	-
Other <sup>2</sup> .....	-	-	3,521	-	7,737	-
<b>Total</b> .....	<b>6,427,005</b>	<b>4,392,616</b>	<b>8,261,102</b>	<b>10,819,621</b>	<b>14,541,027</b>	<b>-25.6</b>

<sup>1</sup> 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.

<sup>2</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$28.00</b>	<b>\$29.48</b>	<b>\$25.84</b>	<b>\$28.40</b>	<b>\$26.63</b>	<b>6.7</b>
Canada <sup>1</sup> .....	26.71	26.82	25.10	26.74	25.43	5.1
Dominican Republic.....	-	34.52	36.74	34.52	36.74	-6.1
Jamaica.....	-	-	-	-	39.69	-
Mexico.....	42.83	44.09	34.21	43.36	35.36	22.6
Other <sup>2</sup> .....	40.70	40.82	40.79	40.81	41.00	-5
<b>South America Total</b> .....	<b>40.73</b>	<b>30.82</b>	<b>40.85</b>	<b>30.94</b>	<b>37.58</b>	<b>-17.7</b>
Argentina.....	40.77	-	40.80	40.77	40.80	-1
Brazil.....	-	34.47	40.80	34.47	40.80	-15.5
Chile.....	-	28.16	40.75	28.16	28.67	-1.8
Other <sup>2</sup> .....	40.48	41.27	40.88	41.26	40.83	1.0
<b>Europe Total</b> .....	<b>27.35</b>	<b>28.71</b>	<b>31.71</b>	<b>28.30</b>	<b>32.91</b>	<b>-14.0</b>
Belgium & Luxembourg.....	-	45.50	35.38	45.50	35.28	28.9
Denmark.....	-	-	34.02	-	34.02	-
France.....	39.11	35.52	-	38.23	36.20	5.6
Germany, FR.....	28.34	29.86	28.64	29.24	31.05	-5.8
Ireland.....	29.26	31.49	37.42	30.39	37.64	-19.3
Italy.....	40.59	47.71	38.72	47.44	38.70	22.6
Netherlands.....	27.52	27.76	28.30	27.72	27.17	2.0
Portugal.....	-	-	33.02	-	34.48	-
Spain.....	21.30	21.79	22.11	21.58	21.56	.1
Turkey.....	-	40.75	40.74	40.75	40.75	*
United Kingdom.....	-	28.53	29.81	28.53	29.92	-4.6
Other <sup>2</sup> .....	40.00	-	40.58	40.00	34.93	14.5
<b>Asia Total</b> .....	<b>31.14</b>	<b>32.24</b>	<b>33.91</b>	<b>31.71</b>	<b>34.58</b>	<b>-8.3</b>
China (Taiwan).....	34.39	34.52	34.34	34.43	34.40	.1
Israel.....	32.34	30.69	32.34	31.24	33.75	-7.4
Japan.....	31.28	33.23	33.78	32.43	34.34	-5.5
Korea, Republic of.....	24.57	28.23	33.48	26.06	35.80	-27.2
Other <sup>2</sup> .....	40.70	36.36	39.91	37.24	40.45	-7.9
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>40.61</b>	<b>-</b>	<b>40.78</b>	<b>-</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>32.10</b>	<b>-</b>	<b>32.38</b>	<b>-</b>
Egypt.....	-	-	39.88	-	39.88	-
Morocco.....	-	-	31.57	-	31.57	-
Other <sup>2</sup> .....	-	-	40.81	-	38.85	-
<b>Total</b> <sup>3</sup> .....	<b>28.34</b>	<b>29.79</b>	<b>28.41</b>	<b>28.92</b>	<b>30.12</b>	<b>-4.0</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>30.11</b>	<b>32.10</b>	<b>29.18</b>	<b>30.92</b>	<b>30.80</b>	<b>.4</b>

<sup>1</sup> 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.

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

<sup>3</sup> 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.

<sup>4</sup> U.S. Total is the average price of all coal exports.

\* Rounded to zero

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

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

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

Continent and Country of Destination	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>1,220,105</b>	<b>159,555</b>	<b>1,339,530</b>	<b>1,379,660</b>	<b>1,842,821</b>	<b>-25.1</b>
Canada <sup>1</sup> .....	1,219,888	159,128	1,323,612	1,379,016	1,826,017	-24.5
Mexico.....	196	427	15,918	623	16,804	-96.3
Other <sup>2</sup> .....	21	-	-	21	-	-
<b>South America Total</b> .....	<b>1,215,313</b>	<b>999,524</b>	<b>1,779,671</b>	<b>2,214,837</b>	<b>3,642,611</b>	<b>-39.2</b>
Argentina.....	-	-	82,714	-	157,486	-
Brazil.....	1,209,481	999,412	1,666,455	2,208,893	3,454,623	-36.1
Other <sup>2</sup> .....	5,832	112	30,502	5,944	30,502	-80.5
<b>Europe Total</b> .....	<b>4,743,299</b>	<b>5,534,252</b>	<b>6,907,575</b>	<b>10,277,551</b>	<b>14,087,991</b>	<b>-27.0</b>
Belgium & Luxembourg.....	574,165	717,697	836,242	1,291,862	1,697,263	-23.9
Bulgaria.....	186,515	127,593	372,706	314,108	878,937	-64.3
Finland.....	78,863	-	202,862	78,863	202,862	-61.1
France.....	625,625	536,657	792,175	1,162,282	1,585,228	-26.7
Germany, FR.....	23,950	62,344	111,920	86,294	221,732	-61.1
Iceland.....	11,078	12,080	14,473	23,158	27,424	-15.6
Italy.....	1,114,800	875,299	1,175,859	1,990,099	2,397,508	-17.0
Netherlands.....	545,969	989,893	826,611	1,535,862	1,945,456	-21.1
Norway.....	29,546	19,543	13,246	49,089	38,337	28.0
Portugal.....	78,733	145,557	72,749	224,290	139,366	60.9
Romania.....	103,324	218,271	533,098	321,595	884,083	-63.6
Spain.....	326,911	665,925	558,086	992,836	1,266,287	-21.6
Sweden.....	203,200	-	81,004	203,200	158,576	28.1
Turkey.....	115,726	328,055	427,365	443,781	1,036,389	-57.2
United Kingdom.....	724,894	835,338	889,179	1,560,232	1,608,543	-3.0
<b>Asia Total</b> .....	<b>619,305</b>	<b>1,589,565</b>	<b>1,775,264</b>	<b>2,208,870</b>	<b>3,819,726</b>	<b>-42.2</b>
China (Taiwan).....	-	-	-	-	78,827	-
Israel.....	-	-	35,594	-	73,285	-
Japan.....	375,805	958,945	1,229,469	1,334,750	2,590,776	-48.5
Korea, Republic of.....	243,500	618,496	510,201	861,996	1,076,838	-20.0
Other <sup>2</sup> .....	-	12,124	-	12,124	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,831</b>	<b>-</b>
<b>Africa Total</b> .....	<b>223,817</b>	<b>285,676</b>	<b>685,726</b>	<b>509,493</b>	<b>1,432,429</b>	<b>-64.4</b>
Algeria.....	55,113	88,147	55,102	143,260	169,625	-15.5
Egypt.....	53,200	95,325	366,529	148,525	683,400	-78.3
South Africa, Rep of.....	115,504	102,204	264,095	217,708	579,404	-62.4
<b>Total</b> .....	<b>8,021,839</b>	<b>8,568,572</b>	<b>12,487,766</b>	<b>16,590,411</b>	<b>24,828,409</b>	<b>-33.2</b>

<sup>1</sup> 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.

<sup>2</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$33.29</b>	<b>\$32.77</b>	<b>\$38.63</b>	<b>\$33.23</b>	<b>\$37.18</b>	<b>-10.6</b>
Canada <sup>1</sup> .....	33.29	32.72	38.49	33.23	37.06	-10.4
Mexico.....	-	49.80	50.29	49.80	50.29	-1.0
<b>South America Total</b> .....	<b>41.11</b>	<b>41.64</b>	<b>43.55</b>	<b>41.35</b>	<b>43.62</b>	<b>-5.2</b>
Argentina.....	-	-	43.54	-	45.61	-
Brazil.....	41.10	41.64	43.53	41.34	43.52	-5.0
Other <sup>2</sup> .....	44.39	51.04	44.45	44.51	44.45	.1
<b>Europe Total</b> .....	<b>43.96</b>	<b>45.88</b>	<b>46.31</b>	<b>45.00</b>	<b>47.04</b>	<b>-4.3</b>
Belgium & Luxembourg.....	43.84	45.82	46.04	44.94	47.35	-5.1
Bulgaria.....	40.89	38.10	42.58	39.76	44.61	-10.9
Finland.....	36.59	-	40.46	36.59	40.46	-9.6
France.....	43.91	44.60	46.06	44.23	46.80	-5.5
Germany, FR.....	39.64	42.52	46.21	41.72	47.16	-11.5
Iceland.....	54.25	54.26	56.60	54.26	56.60	-4.1
Italy.....	46.40	47.76	48.69	47.00	48.72	-3.5
Netherlands.....	42.15	46.27	46.00	44.80	47.11	-4.9
Norway.....	-	50.81	57.11	50.81	57.17	-11.1
Portugal.....	38.43	44.09	45.36	42.10	44.71	-5.8
Romania.....	37.88	39.92	42.35	39.26	42.62	-7.9
Spain.....	45.55	48.23	47.67	47.35	48.66	-2.7
Sweden.....	45.36	-	46.80	45.36	47.61	-4.7
Turkey.....	45.36	42.12	46.33	42.96	45.52	-5.6
United Kingdom.....	43.45	47.05	48.20	45.38	48.40	-6.3
<b>Asia Total</b> .....	<b>41.95</b>	<b>43.70</b>	<b>43.13</b>	<b>43.21</b>	<b>43.90</b>	<b>-1.6</b>
China (Taiwan).....	-	-	-	-	41.86	-
Israel.....	-	-	30.58	-	35.69	-
Japan.....	40.02	41.82	41.85	41.32	42.74	-3.3
Korea, Republic of.....	44.93	46.35	47.08	45.95	47.40	-3.1
Other <sup>2</sup> .....	-	56.93	-	56.93	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>55.11</b>	<b>-</b>
<b>Africa Total</b> .....	<b>48.20</b>	<b>49.12</b>	<b>46.10</b>	<b>48.72</b>	<b>46.19</b>	<b>5.5</b>
Algeria.....	45.09	41.25	41.30	42.73	43.89	-2.6
Egypt.....	51.26	57.51	44.54	55.27	44.26	24.9
South Africa, Rep of.....	48.28	48.09	49.28	48.19	49.31	-2.3
<b>Total</b> <sup>3</sup> .....	<b>41.87</b>	<b>44.84</b>	<b>44.63</b>	<b>43.41</b>	<b>45.27</b>	<b>-4.1</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>41.97</b>	<b>44.87</b>	<b>44.65</b>	<b>43.47</b>	<b>45.37</b>	<b>-4.2</b>

<sup>1</sup> 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.

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

<sup>3</sup> 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.

<sup>4</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>7,927,761</b>	<b>8,864,579</b>	<b>12,807,333</b>	<b>16,792,340</b>	<b>25,806,740</b>	<b>-34.9</b>
Baltimore, MD.....	753,977	1,526,481	1,511,366	2,280,458	3,654,078	-37.6
Portland, ME.....	329	236,222	702	236,551	102,553	130.7
Buffalo, NY.....	1,183,599	223,515	1,500,571	1,407,114	1,980,753	-29.0
New York City, NY.....	328	98	5,965	426	8,512	-95.0
Ogdensburg, NY.....	10,606	6,159	55,541	16,765	62,557	-73.2
Philadelphia, PA.....	99,922	54,177	58,377	154,099	103,047	49.5
Norfolk, VA.....	5,878,780	6,817,927	9,674,811	12,696,707	19,895,240	-36.2
St. Albans, VT.....	220	-	-	220	-	-
<b>Southern Total</b> .....	<b>1,582,587</b>	<b>2,294,905</b>	<b>2,852,616</b>	<b>3,877,492</b>	<b>5,723,428</b>	<b>-32.3</b>
Mobile, AL.....	635,390	888,891	1,343,999	1,524,281	2,494,601	-38.9
Savannah, GA.....	877	201	293	1,078	1,403	-23.2
Miami, FL.....	233	125	196	358	1,100	-67.5
New Orleans, LA.....	530,132	1,089,521	1,055,103	1,619,653	2,154,047	-24.8
Wilmington, NC.....	60	60	-	120	-	-
San Juan, PR.....	28,401	-	-	28,401	39,742	-28.5
Charleston, SC.....	502	630	68	1,132	91	( <sup>1</sup> )
Houston-Galveston, TX.....	3,127	36,582	64,164	39,709	252,761	-84.3
Laredo, TX.....	383,865	278,895	388,793	662,760	779,683	-15.0
<b>Western Total</b> .....	<b>517,156</b>	<b>502,053</b>	<b>718,882</b>	<b>1,019,209</b>	<b>1,934,467</b>	<b>-47.3</b>
Anchorage, AK.....	153,353	72,456	187,230	225,809	264,811	-14.7
Los Angeles, CA.....	363,057	428,642	530,607	791,699	1,662,327	-52.4
San Diego, CA.....	47	205	-	252	2,603	-90.3
San Francisco, CA.....	-	-	-	-	2,831	-
Great Falls, MT.....	590	298	828	888	1,114	-20.3
Seattle, WA.....	109	452	217	561	781	-28.2
<b>Northern Total</b> .....	<b>4,415,531</b>	<b>1,294,764</b>	<b>4,361,432</b>	<b>5,710,295</b>	<b>5,887,541</b>	<b>-3.0</b>
Detroit, MI.....	489,753	243,394	626,059	733,147	1,074,565	-31.8
Duluth, MN.....	1,038,764	28,558	90,655	1,067,322	90,655	( <sup>1</sup> )
Pembina, ND.....	16,244	22,459	3,425	38,703	14,831	161.0
Cleveland, OH.....	2,870,770	1,000,353	3,641,248	3,871,123	4,707,445	-17.8
Milwaukee, WI.....	-	-	45	-	45	-
<b>Other Ports</b> .....	<b>5,809</b>	<b>4,887</b>	<b>8,605</b>	<b>10,696</b>	<b>17,260</b>	<b>-38.0</b>
<b>Total</b> .....	<b>14,448,844</b>	<b>12,961,188</b>	<b>20,748,868</b>	<b>27,410,032</b>	<b>39,369,436</b>	<b>-30.4</b>

<sup>1</sup> Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Destination	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>224,853</b>	<b>193,046</b>	<b>347,096</b>	<b>417,899</b>	<b>539,065</b>	<b>-22.5</b>
Canada <sup>1</sup> .....	185,697	141,797	255,543	327,494	374,446	-12.5
Mexico.....	37,080	49,529	90,433	86,609	162,992	-46.9
Other <sup>2</sup> .....	2,076	1,720	1,120	3,796	1,627	133.3
<b>South America Total</b> .....	<b>-</b>	<b>847</b>	<b>3,226</b>	<b>847</b>	<b>3,226</b>	<b>-73.7</b>
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,704</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	-	-	4,704	-
<b>Asia Total</b> .....	<b>145</b>	<b>206</b>	<b>233</b>	<b>351</b>	<b>549</b>	<b>-36.1</b>
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>737</b>	<b>-</b>	<b>737</b>	<b>-</b>	<b>-</b>
<b>Total</b> <sup>3</sup> .....	<b>224,998</b>	<b>194,836</b>	<b>350,555</b>	<b>419,834</b>	<b>547,544</b>	<b>-23.3</b>

<sup>1</sup> 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.

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

<sup>3</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>292,838</b>	<b>115,699</b>	<b>298,448</b>	<b>408,537</b>	<b>429,907</b>	<b>-5.0</b>
Canada.....	277,753	99,901	297,754	377,654	429,213	-12.0
Mexico.....	15,085	15,798	694	30,883	694	(b)
<b>South America Total</b> .....	<b>1,343,169</b>	<b>1,714,792</b>	<b>1,489,803</b>	<b>3,057,961</b>	<b>2,915,255</b>	<b>4.9</b>
Argentina.....	232	-	-	232	-	-
Colombia.....	885,838	1,200,383	844,210	2,086,221	1,502,847	38.8
Venezuela.....	457,099	514,409	645,593	971,508	1,412,408	-31.2
<b>Europe Total</b> .....	<b>1,993</b>	<b>61,879</b>	<b>437</b>	<b>63,872</b>	<b>4,535</b>	<b>(b)</b>
Belgium & Luxembourg.....	861	1,084	-	1,945	1,847	5.3
Italy.....	1	-	-	1	25	-96.0
United Kingdom.....	186	60,795	437	60,981	2,663	(b)
<b>Asia Total</b> .....	<b>431,658</b>	<b>261,467</b>	<b>403,818</b>	<b>693,125</b>	<b>650,280</b>	<b>6.6</b>
China (Mainland).....	1,014	13,587	525	14,601	1,340	(b)
Indonesia.....	430,526	247,880	403,293	678,406	648,940	4.5
Syria.....	118	-	-	118	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>28,065</b>	<b>94,022</b>	<b>-</b>	<b>122,087</b>	<b>31,523</b>	<b>287.3</b>
Australia.....	28,065	94,022	-	122,087	31,523	287.3
<b>Total</b> .....	<b>2,097,723</b>	<b>2,247,859</b>	<b>2,192,506</b>	<b>4,345,582</b>	<b>4,031,500</b>	<b>7.8</b>

<sup>1</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$35.00</b>	<b>\$28.84</b>	<b>\$33.83</b>	<b>\$33.47</b>	<b>\$33.78</b>	<b>-0.9</b>
Canada.....	35.72	28.84	33.83	33.93	33.78	.4
Mexico.....	22.88	-	-	22.88	-	-
<b>South America Total</b> .....	<b>31.55</b>	<b>30.63</b>	<b>30.01</b>	<b>31.02</b>	<b>31.31</b>	<b>-0.9</b>
Colombia.....	31.25	30.08	30.42	30.58	31.55	-3.1
Venezuela.....	32.42	32.22	29.48	32.30	31.05	4.1
<b>Europe Total</b> .....	<b>-</b>	<b>29.48</b>	<b>-</b>	<b>29.48</b>	<b>42.03</b>	<b>-29.8</b>
United Kingdom.....	-	29.48	-	29.48	42.03	-29.8
<b>Asia Total</b> .....	<b>46.43</b>	<b>38.64</b>	<b>32.87</b>	<b>41.08</b>	<b>35.10</b>	<b>17.0</b>
China (Mainland).....	-	42.65	-	42.65	-	-
Indonesia.....	46.43	38.43	32.87	41.02	35.10	16.9
<b>Oceania &amp; Australia Total</b> .....	<b>32.20</b>	<b>23.55</b>	<b>-</b>	<b>25.54</b>	<b>31.35</b>	<b>-18.5</b>
Australia.....	32.20	23.55	-	25.54	31.35	-18.5
<b>Total</b> <sup>1</sup> .....	<b>33.24</b>	<b>31.19</b>	<b>31.04</b>	<b>32.08</b>	<b>32.18</b>	<b>-0.3</b>
<b>U.S. Total</b> <sup>2</sup> .....	<b>30.06</b>	<b>30.86</b>	<b>31.43</b>	<b>30.47</b>	<b>32.59</b>	<b>-6.5</b>

<sup>1</sup> 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.

<sup>2</sup> U.S. Total is the average price of all coal imports.

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

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

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

Customs District	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>567,135</b>	<b>619,856</b>	<b>449,097</b>	<b>1,186,991</b>	<b>1,173,290</b>	<b>1.2</b>
Boston, MA.....	373,859	322,901	228,234	696,760	694,153	.4
Portland, ME.....	128,832	113,924	116,021	242,756	150,702	61.1
Buffalo, NY.....	894	1,084	-	1,978	1,847	7.1
New York City, NY.....	62,605	181,947	104,842	244,552	262,234	-6.7
Philadelphia, PA.....	945	-	-	945	64,354	-98.5
<b>Southern Total</b> .....	<b>1,104,898</b>	<b>1,321,498</b>	<b>1,258,316</b>	<b>2,426,396</b>	<b>2,037,509</b>	<b>19.1</b>
Mobile, AL.....	243,088	500,087	356,851	743,175	454,117	63.7
Savannah, GA.....	153,300	100,196	63,824	253,496	139,885	81.2
Miami, FL.....	-	-	45,093	-	90,381	-
Tampa, FL.....	261,583	476,141	340,463	737,724	683,468	7.9
New Orleans, LA.....	316,726	146,766	223,471	463,492	377,072	22.9
San Juan, PR.....	55,743	53,132	54,186	108,875	112,090	-2.9
Houston-Galveston, TX.....	-	-	117,290	-	123,358	-
Laredo, TX.....	15,085	15,798	694	30,883	694	(b)
Virgin Islands.....	59,373	29,378	56,444	88,751	56,444	57.2
<b>Western Total</b> .....	<b>282,539</b>	<b>233,505</b>	<b>212,168</b>	<b>516,044</b>	<b>442,633</b>	<b>16.6</b>
Honolulu, HI.....	146,838	205,506	179,822	352,344	383,156	-8.0
Great Falls, MT.....	90,079	9,370	-	99,449	-	-
Portland, OR.....	-	-	6,992	-	6,992	-
Seattle, WA.....	45,622	18,629	25,354	64,251	52,485	22.4
<b>Northern Total</b> .....	<b>143,151</b>	<b>73,000</b>	<b>272,925</b>	<b>216,151</b>	<b>378,068</b>	<b>-42.8</b>
Chicago, IL.....	-	-	33,746	-	33,746	-
Detroit, MI.....	89,931	7,885	63,314	97,816	98,128	-3
Duluth, MN.....	5,240	1,518	-	6,758	-	-
Pembina, ND.....	46,966	62,499	175,340	109,465	244,854	-55.3
Milwaukee, WI.....	1,014	1,098	525	2,112	1,340	57.6
<b>Total</b> .....	<b>2,097,723</b>	<b>2,247,859</b>	<b>2,192,506</b>	<b>4,345,582</b>	<b>4,031,500</b>	<b>7.8</b>

<sup>1</sup> Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Origin	April - June 1999	January - March 1999	April - June 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>26,821</b>	<b>6,263</b>	<b>13,386</b>	<b>33,084</b>	<b>23,290</b>	<b>42.1</b>
Canada.....	26,821	6,263	13,386	33,084	23,290	42.1
<b>Asia Total</b> .....	<b>762,726</b>	<b>774,957</b>	<b>1,032,013</b>	<b>1,537,683</b>	<b>1,788,037</b>	<b>-14.0</b>
China (Mainland).....	203,492	305,657	530,513	509,149	876,338	-41.9
Japan.....	559,234	469,300	501,500	1,028,534	911,699	12.8
<b>Total</b> <sup>1</sup> .....	<b>789,547</b>	<b>781,220</b>	<b>1,045,399</b>	<b>1,570,767</b>	<b>1,811,327</b>	<b>-13.3</b>

<sup>1</sup> 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
<b>1993 January - March</b> .....	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
<b>Total</b> .....	<b>769,152</b>	<b>31,104</b>	<b>74,359</b>	<b>6,221</b>	<b>880,836</b>
<b>1994 January - March</b> .....	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
<b>Total</b> .....	<b>831,929</b>	<b>31,719</b>	<b>74,893</b>	<b>6,013</b>	<b>944,553</b>
<b>1995 January - March</b> .....	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
<b>Total</b> .....	<b>826,860</b>	<b>33,036</b>	<b>71,895</b>	<b>5,807</b>	<b>937,597</b>
<b>1996 January - March</b> .....	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
<b>Total</b> .....	<b>862,701</b>	<b>31,672</b>	<b>70,842</b>	<b>6,006</b>	<b>971,220</b>
<b>1997 January - March</b> .....	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
<b>Total</b> .....	<b>880,588</b>	<b>29,550</b>	<b>70,733</b>	<b>6,463</b>	<b>987,334</b>
<b>1998 January - March</b> .....	225,243	6,742	17,213	1,939	251,138
April - June .....	227,432	7,308	17,089	1,201	253,030
July - September .....	240,587	7,305	17,211	1,293	266,395
October - December.....	236,186	6,999	17,855	1,939	262,978
<b>Total</b> .....	<b>929,448</b>	<b>28,354</b>	<b>69,368</b>	<b>6,372</b>	<b>1,033,542</b>
<b>1999 January - March</b> .....	227,012	6,712	16,687	1,939	252,350
April - June .....	219,680	7,205	16,306	1,293	244,483
<b>Total</b> .....	<b>446,692</b>	<b>13,917</b>	<b>32,992</b>	<b>3,232</b>	<b>496,833</b>

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 <sup>1</sup>
<b>1993 January - March</b> .....	\$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
<b>Average Annual Price</b> .....	<b>28.58</b>	<b>47.44</b>	<b>32.23</b>
<b>1994 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>28.03</b>	<b>46.56</b>	<b>32.55</b>
<b>1995 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>27.01</b>	<b>47.34</b>	<b>32.42</b>
<b>1996 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>26.45</b>	<b>47.33</b>	<b>32.32</b>
<b>1997 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>26.16</b>	<b>47.61</b>	<b>32.41</b>
<b>1998 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>25.64</b>	<b>46.06</b>	<b>32.26</b>
<b>1999 January - March</b> .....	25.15	46.56	32.00
April - June.....	25.14	46.37	31.58

<sup>1</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>510</b>	<b>510</b>	<b>1,712</b>	<b>1,020</b>	<b>3,739</b>	<b>-72.7</b>
Connecticut.....	1	37	175	39	455	-91.5
Maine.....	12	6	27	18	65	-72.8
Massachusetts.....	190	106	1,205	296	2,515	-88.2
New Hampshire.....	278	333	277	612	649	-5.7
Rhode Island.....	1	1	1	1	2	-4.9
Vermont.....	27	28	27	55	55	.3
<b>Middle Atlantic Total</b> .....	<b>12,948</b>	<b>16,105</b>	<b>17,420</b>	<b>29,053</b>	<b>34,837</b>	<b>-16.6</b>
New Jersey.....	584	564	554	1,148	969	18.5
New York.....	2,024	2,577	3,092	4,601	5,758	-20.1
Pennsylvania.....	10,340	12,964	13,775	23,303	28,110	-17.1
<b>East North Central Total</b> .....	<b>58,710</b>	<b>54,481</b>	<b>60,062</b>	<b>113,192</b>	<b>116,031</b>	<b>-2.4</b>
Illinois.....	10,569	11,139	11,165	21,708	22,833	-4.9
Indiana.....	17,266	16,894	16,851	34,160	33,864	.9
Michigan.....	10,107	6,555	10,746	16,662	17,434	-4.4
Ohio.....	14,731	14,320	14,635	29,050	29,615	-1.9
Wisconsin.....	6,037	5,574	6,664	11,611	12,285	-5.5
<b>West North Central Total</b> .....	<b>35,553</b>	<b>37,365</b>	<b>35,378</b>	<b>72,918</b>	<b>71,916</b>	<b>1.4</b>
Iowa.....	6,131	5,852	6,343	11,984	11,599	3.3
Kansas.....	5,115	5,097	4,695	10,212	9,474	7.8
Minnesota.....	4,431	4,286	4,297	8,717	9,370	-7.0
Missouri.....	9,534	10,242	9,837	19,776	19,669	.5
Nebraska.....	2,822	3,092	2,962	5,914	6,011	-1.6
North Dakota.....	6,950	8,158	6,655	15,108	14,645	3.2
South Dakota.....	571	638	589	1,208	1,149	5.1
<b>South Atlantic Total</b> .....	<b>42,305</b>	<b>44,578</b>	<b>42,992</b>	<b>86,883</b>	<b>85,892</b>	<b>1.2</b>
Delaware.....	284	191	378	475	800	-40.6
District of Columbia.....	8	12	5	20	17	20.1
Florida.....	6,548	6,809	7,455	13,357	14,528	-8.1
Georgia.....	8,765	8,727	7,878	17,492	15,848	10.4
Maryland.....	2,763	2,940	2,882	5,703	5,880	-3.0
North Carolina.....	7,051	7,146	7,138	14,197	14,687	-3.3
South Carolina.....	3,260	4,034	3,849	7,294	7,470	-2.4
Virginia.....	3,897	3,929	3,912	7,826	7,825	*
West Virginia.....	9,732	10,789	9,494	20,520	18,838	8.9
<b>East South Central Total</b> .....	<b>27,573</b>	<b>27,043</b>	<b>27,776</b>	<b>54,616</b>	<b>56,925</b>	<b>-4.1</b>
Alabama.....	8,908	7,865	8,805	16,773	17,923	-6.4
Kentucky.....	9,613	9,485	10,289	19,098	20,864	-8.5
Mississippi.....	1,654	1,624	1,655	3,277	3,159	3.7
Tennessee.....	7,399	8,069	7,027	15,467	14,978	3.3
<b>West South Central Total</b> .....	<b>36,987</b>	<b>39,385</b>	<b>37,067</b>	<b>76,372</b>	<b>72,117</b>	<b>5.9</b>
Arkansas.....	3,420	4,407	3,603	7,827	6,722	16.4
Louisiana.....	3,503	3,574	3,191	7,077	6,478	9.3
Oklahoma.....	5,141	5,822	5,303	10,963	10,644	3.0
Texas.....	24,924	25,582	24,970	50,505	48,272	4.6
<b>Mountain Total</b> .....	<b>27,330</b>	<b>29,935</b>	<b>27,786</b>	<b>57,265</b>	<b>57,090</b>	<b>.3</b>
Arizona.....	4,986	4,853	4,827	9,838	9,472	3.9
Colorado.....	4,707	4,736	4,581	9,443	9,203	2.6
Idaho.....	78	108	73	186	190	-1.9
Montana.....	2,329	2,739	2,310	5,069	4,992	1.5
Nevada.....	1,463	2,311	1,228	3,773	3,454	9.3
New Mexico.....	3,976	4,019	3,692	7,995	7,328	9.1
Utah.....	3,863	4,103	4,359	7,966	8,651	-7.9
Wyoming.....	5,929	7,066	6,717	12,994	13,801	-5.8
<b>Pacific Total</b> .....	<b>2,566</b>	<b>2,948</b>	<b>2,836</b>	<b>5,514</b>	<b>5,620</b>	<b>-1.9</b>
Alaska.....	101	151	95	252	246	2.3
California.....	678	788	713	1,466	1,437	2.0
Hawaii.....	33	36	5	70	76	-7.8
Oregon.....	403	738	304	1,141	996	14.6
Washington.....	1,351	1,234	1,719	2,585	2,865	-9.8
<b>U.S. Total</b> .....	<b>244,483</b>	<b>252,350</b>	<b>253,030</b>	<b>496,833</b>	<b>504,168</b>	<b>-1.5</b>

\* 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	April-June 1999		April-June 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
<b>New England</b> .....	<b>453</b>	<b>161</b>	<b>1,640</b>	<b>166</b>	<b>909</b>	<b>161</b>	<b>3,580</b>	<b>168</b>	<b>-74.6</b>	<b>-4.5</b>
Connecticut.....	-	-	174	177	35	169	452	181	-92.3	-6.5
Massachusetts.....	176	172	1,190	166	266	173	2,482	168	-89.3	3.2
New Hampshire.....	277	154	276	160	609	155	645	161	-5.7	-3.9
<b>Mid Atlantic</b> .....	<b>9,223</b>	<b>134</b>	<b>13,600</b>	<b>138</b>	<b>21,659</b>	<b>135</b>	<b>27,096</b>	<b>138</b>	<b>-20.1</b>	<b>-2.2</b>
New Jersey.....	581	149	549	157	1,141	149	960	161	18.8	-7.4
New York.....	1,251	143	2,315	142	3,230	144	4,300	144	-24.9	-2
Pennsylvania.....	7,391	131	10,736	136	17,289	133	21,836	136	-20.8	-2.5
<b>East North Central</b> .....	<b>51,434</b>	<b>126</b>	<b>52,603</b>	<b>131</b>	<b>98,805</b>	<b>126</b>	<b>101,533</b>	<b>131</b>	<b>-2.7</b>	<b>-3.5</b>
Illinois.....	9,003	141	9,482	165	18,643	148	19,467	160	-4.2	-7.3
Indiana.....	14,487	111	13,825	112	28,683	112	28,128	113	2.0	-1.0
Michigan.....	8,904	132	9,874	132	14,443	130	15,875	132	-9.0	-1.1
Ohio.....	13,385	133	13,152	137	26,227	133	26,575	137	-1.3	-3.1
Wisconsin.....	5,655	105	6,271	110	10,809	103	11,488	107	-5.9	-4.4
<b>West North Central</b> .....	<b>32,098</b>	<b>90</b>	<b>31,929</b>	<b>91</b>	<b>65,868</b>	<b>88</b>	<b>65,150</b>	<b>90</b>	<b>1.1</b>	<b>-2.0</b>
Iowa.....	5,178	85	5,434	92	10,308	82	9,997	90	3.1	-8.5
Kansas.....	5,086	96	4,652	99	10,160	94	9,398	99	8.1	-4.5
Minnesota.....	4,060	113	3,869	110	7,933	112	8,567	111	-7.4	.8
Missouri.....	9,198	95	9,510	92	19,055	94	18,968	92	.5	2.2
Nebraska.....	2,755	57	2,906	59	5,731	57	5,858	59	-2.2	-3.6
North Dakota.....	5,364	77	5,082	80	11,697	75	11,423	77	2.4	-3.5
South Dakota.....	458	95	477	92	983	93	939	93	4.7	.7
<b>South Atlantic</b> .....	<b>38,778</b>	<b>142</b>	<b>39,180</b>	<b>145</b>	<b>79,442</b>	<b>142</b>	<b>78,110</b>	<b>145</b>	<b>1.7</b>	<b>-2.2</b>
Delaware.....	241	153	328	160	387	154	730	157	-47.0	-2.1
Florida.....	6,276	160	7,098	164	12,755	160	13,839	167	-7.8	-4.0
Georgia.....	8,295	155	7,402	154	16,503	154	14,804	155	11.5	-6
Maryland.....	2,568	143	2,699	146	5,289	142	5,490	146	-3.7	-2.9
North Carolina.....	6,585	144	6,601	145	13,132	145	13,529	144	-2.9	.1
South Carolina.....	2,841	140	3,346	144	6,392	143	6,484	145	-1.4	-1.4
Virginia.....	3,052	135	3,043	138	6,073	136	6,010	138	1.1	-1.9
West Virginia.....	8,919	119	8,662	122	18,910	120	17,224	122	9.8	-2.1
<b>East South Central</b> .....	<b>24,677</b>	<b>125</b>	<b>24,756</b>	<b>126</b>	<b>48,710</b>	<b>126</b>	<b>50,526</b>	<b>126</b>	<b>-3.6</b>	<b>-2</b>
Alabama.....	7,684	153	7,575	159	14,383	156	15,326	158	-6.2	-1.5
Kentucky.....	8,839	106	9,477	105	17,493	107	19,105	105	-8.4	1.5
Mississippi.....	1,610	157	1,616	152	3,192	155	3,058	153	4.4	1.2
Tennessee.....	6,544	113	6,088	112	13,642	113	13,037	113	4.6	.1
<b>West South Central</b> .....	<b>35,515</b>	<b>124</b>	<b>35,544</b>	<b>125</b>	<b>73,337</b>	<b>124</b>	<b>69,030</b>	<b>127</b>	<b>6.2</b>	<b>-2.0</b>
Arkansas.....	3,346	152	3,530	150	7,679	150	6,580	149	16.7	.7
Louisiana.....	3,495	139	3,184	142	7,062	139	6,451	142	9.5	-2.3
Oklahoma.....	4,898	93	5,110	92	10,410	92	10,144	92	2.6	-5
Texas.....	23,777	125	23,719	127	48,185	125	45,855	129	5.1	-3.3
<b>Mountain</b> .....	<b>25,780</b>	<b>107</b>	<b>26,175</b>	<b>109</b>	<b>54,299</b>	<b>108</b>	<b>53,858</b>	<b>108</b>	<b>.8</b>	<b>.3</b>
Arizona.....	4,826	132	4,632	135	9,494	137	9,104	134	4.3	1.9
Colorado.....	4,529	98	4,420	101	9,066	98	8,843	100	2.5	-2.3
Montana.....	2,304	79	2,299	76	4,981	74	4,929	71	1.1	3.2
Nevada.....	1,407	140	1,176	149	3,664	136	3,349	137	9.4	-6
New Mexico.....	3,956	133	3,671	136	7,957	136	7,290	133	9.2	1.9
Utah.....	3,387	100	3,791	118	7,204	104	7,638	115	-5.7	-9.9
Wyoming.....	5,371	74	6,186	71	11,932	78	12,705	75	-6.1	3.3
<b>Pacific</b> .....	<b>1,722</b>	<b>138</b>	<b>2,005</b>	<b>137</b>	<b>3,664</b>	<b>140</b>	<b>3,792</b>	<b>140</b>	<b>-3.4</b>	<b>.5</b>
Oregon.....	403	107	304	110	1,141	106	965	109	18.2	-2.7
Washington.....	1,319	149	1,701	142	2,523	158	2,827	151	-10.8	4.7
<b>U.S. Total</b> .....	<b>219,680</b>	<b>123</b>	<b>227,432</b>	<b>126</b>	<b>446,692</b>	<b>123</b>	<b>452,675</b>	<b>126</b>	<b>-1.3</b>	<b>-2.3</b>

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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

Census Division and State	April-June 1999		April-June 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
<b>New England</b> .....	<b>222</b>	<b>166</b>	<b>1,298</b>	<b>166</b>	<b>474</b>	<b>164</b>	<b>2,980</b>	<b>169</b>	<b>-84.1</b>	<b>-2.8</b>
Connecticut.....	-	-	110	184	-	-	358	185	-	-
Massachusetts.....	72	172	1,001	165	120	175	2,174	167	-94.5	4.9
New Hampshire.....	150	163	187	165	354	160	448	164	-21.0	-2.4
<b>Mid Atlantic</b> .....	<b>7,607</b>	<b>137</b>	<b>11,352</b>	<b>141</b>	<b>18,059</b>	<b>139</b>	<b>22,642</b>	<b>141</b>	<b>-20.2</b>	<b>-1.9</b>
New Jersey.....	529	150	459	160	1,022	150	727	164	40.5	-8.8
New York.....	887	145	1,864	142	2,581	145	3,742	144	-31.0	.8
Pennsylvania.....	6,191	135	9,029	139	14,456	137	18,172	140	-20.5	-2.3
<b>East North Central</b> .....	<b>39,576</b>	<b>129</b>	<b>40,673</b>	<b>137</b>	<b>76,139</b>	<b>130</b>	<b>77,425</b>	<b>136</b>	<b>-1.7</b>	<b>-4.6</b>
Illinois.....	7,721	144	8,729	169	16,103	153	17,068	166	-5.7	-7.7
Indiana.....	11,964	112	9,770	116	23,357	113	20,038	117	16.6	-3.8
Michigan.....	7,218	134	7,834	133	11,789	131	12,160	132	-3.1	-9
Ohio.....	9,035	143	9,777	145	17,543	143	19,363	147	-9.4	-2.7
Wisconsin.....	3,637	102	4,563	104	7,347	100	8,795	102	-16.5	-2.1
<b>West North Central</b> .....	<b>24,149</b>	<b>90</b>	<b>26,215</b>	<b>91</b>	<b>50,560</b>	<b>88</b>	<b>54,160</b>	<b>90</b>	<b>-6.6</b>	<b>-1.5</b>
Iowa.....	3,625	84	4,331	95	7,465	81	7,692	91	-3.0	-10.6
Kansas.....	3,572	108	4,628	99	7,470	104	9,319	99	-19.8	5.1
Minnesota.....	3,736	112	3,714	110	7,268	111	8,332	110	-12.8	.2
Missouri.....	5,312	92	5,857	90	11,106	93	11,747	89	-5.5	4.0
Nebraska.....	2,275	55	2,125	55	4,765	54	4,707	56	1.2	-3.2
North Dakota.....	5,364	77	5,082	80	11,697	75	11,423	77	2.4	-3.5
South Dakota.....	265	94	477	92	790	93	939	93	-15.9	-1
<b>South Atlantic</b> .....	<b>29,787</b>	<b>143</b>	<b>28,055</b>	<b>146</b>	<b>60,658</b>	<b>143</b>	<b>55,616</b>	<b>147</b>	<b>9.1</b>	<b>-2.4</b>
Delaware.....	241	153	316	160	387	154	715	157	-45.9	-2.1
Florida.....	4,439	166	4,734	170	9,147	165	9,165	174	-2	-5.0
Georgia.....	5,208	158	3,682	158	9,925	157	7,295	160	36.0	-1.9
Maryland.....	2,528	143	1,998	145	4,884	142	3,872	146	26.1	-3.1
North Carolina.....	5,076	148	5,248	149	10,198	147	10,083	148	1.1	-8
South Carolina.....	2,406	140	2,636	144	5,505	142	5,247	144	4.9	-1.6
Virginia.....	2,285	136	1,927	139	4,623	137	4,173	139	10.8	-2.0
West Virginia.....	7,605	120	7,512	125	15,990	122	15,065	125	6.1	-2.5
<b>East South Central</b> .....	<b>20,073</b>	<b>126</b>	<b>19,145</b>	<b>130</b>	<b>40,095</b>	<b>126</b>	<b>37,728</b>	<b>130</b>	<b>6.3</b>	<b>-3.1</b>
Alabama.....	6,177	159	6,622	163	11,827	162	13,141	164	-10.0	-1.3
Kentucky.....	6,796	105	6,107	105	13,494	106	12,094	105	11.6	.3
Mississippi.....	936	155	1,319	155	2,228	154	2,641	156	-15.6	-9
Tennessee.....	6,165	112	5,096	111	12,545	112	9,852	111	27.3	.9
<b>West South Central</b> .....	<b>33,902</b>	<b>124</b>	<b>33,411</b>	<b>125</b>	<b>69,138</b>	<b>124</b>	<b>64,819</b>	<b>127</b>	<b>6.7</b>	<b>-2.4</b>
Arkansas.....	3,190	153	3,316	152	7,022	152	5,893	155	19.2	-1.8
Louisiana.....	3,495	139	3,184	142	7,062	139	6,451	142	9.5	-2.3
Oklahoma.....	4,898	93	4,968	92	10,410	92	10,003	92	4.1	-5
Texas.....	22,320	124	21,942	127	44,644	125	42,473	130	5.1	-3.6
<b>Mountain</b> .....	<b>24,271</b>	<b>106</b>	<b>24,737</b>	<b>110</b>	<b>51,720</b>	<b>108</b>	<b>50,674</b>	<b>109</b>	<b>2.1</b>	<b>-1.0</b>
Arizona.....	4,025	130	3,949	140	8,153	137	7,821	138	4.2	-1.0
Colorado.....	4,197	100	4,206	103	8,464	100	8,358	102	1.3	-2.0
Montana.....	2,304	79	2,299	76	4,981	74	4,929	71	1.1	3.2
Nevada.....	1,180	147	1,116	151	3,179	141	3,013	139	5.5	1.3
New Mexico.....	3,956	133	3,671	136	7,957	136	7,290	133	9.2	1.9
Utah.....	3,238	100	3,706	118	7,053	104	7,497	116	-5.9	-10.4
Wyoming.....	5,371	74	5,790	71	11,932	78	11,767	76	1.4	1.9
<b>Pacific</b> .....	<b>1,029</b>	<b>158</b>	<b>1,190</b>	<b>153</b>	<b>1,883</b>	<b>172</b>	<b>2,079</b>	<b>164</b>	<b>-9.4</b>	<b>5.4</b>
Washington.....	1,029	158	1,190	153	1,883	172	2,079	164	-9.4	5.4
<b>U.S. Total</b> .....	<b>180,616</b>	<b>124</b>	<b>186,075</b>	<b>128</b>	<b>368,726</b>	<b>125</b>	<b>368,123</b>	<b>128</b>	<b>.2</b>	<b>-2.6</b>

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

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

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

Census Division and State	April-June 1999		April-June 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
<b>New England</b> .....	<b>231</b>	<b>157</b>	<b>342</b>	<b>165</b>	<b>435</b>	<b>157</b>	<b>600</b>	<b>165</b>	<b>-27.5</b>	<b>-5.3</b>
Connecticut .....	-	-	64	164	35	169	94	166	-62.8	1.9
Massachusetts.....	104	173	190	173	145	171	309	173	-52.9	-1.1
New Hampshire.....	127	145	89	148	255	146	197	153	29.2	-4.2
<b>Mid Atlantic</b> .....	<b>1,616</b>	<b>119</b>	<b>2,248</b>	<b>123</b>	<b>3,601</b>	<b>119</b>	<b>4,454</b>	<b>123</b>	<b>-19.2</b>	<b>-3.7</b>
New Jersey.....	52	140	89	136	119	140	233	148	-48.7	-5.4
New York.....	364	137	451	143	649	139	558	147	16.3	-5.4
Pennsylvania.....	1,200	112	1,707	117	2,833	113	3,664	118	-22.7	-4.3
<b>East North Central</b> .....	<b>11,858</b>	<b>114</b>	<b>11,930</b>	<b>114</b>	<b>22,666</b>	<b>113</b>	<b>24,108</b>	<b>113</b>	<b>-6.0</b>	<b>*</b>
Illinois.....	1,282	118	753	116	2,541	120	2,399	122	5.9	-1.9
Indiana.....	2,523	107	4,055	102	5,326	108	8,089	103	-34.2	5.0
Michigan.....	1,685	125	2,040	129	2,654	126	3,715	129	-28.6	-2.5
Ohio.....	4,350	113	3,375	113	8,683	112	7,212	110	20.4	1.9
Wisconsin.....	2,017	111	1,708	122	3,462	108	2,693	122	28.6	-11.5
<b>West North Central</b> .....	<b>7,950</b>	<b>89</b>	<b>5,714</b>	<b>90</b>	<b>15,307</b>	<b>88</b>	<b>10,990</b>	<b>92</b>	<b>39.3</b>	<b>-4.2</b>
Iowa.....	1,554	87	1,103	81	2,843	85	2,305	87	23.4	-2.0
Kansas.....	1,514	67	24	64	2,690	67	79	64	NM	5.0
Minnesota.....	324	125	154	125	665	123	235	125	183.2	-1.9
Missouri.....	3,886	98	3,652	95	7,949	95	7,220	96	10.1	-7
Nebraska.....	480	68	781	70	966	68	1,151	69	-16.0	-2.5
North Dakota.....	*	54	-	-	*	54	-	-	-	-
South Dakota.....	193	96	-	-	193	96	-	-	-	-
<b>South Atlantic</b> .....	<b>8,991</b>	<b>137</b>	<b>11,125</b>	<b>141</b>	<b>18,784</b>	<b>138</b>	<b>22,494</b>	<b>142</b>	<b>-16.5</b>	<b>-2.4</b>
Delaware.....	-	-	12	165	-	-	16	162	-	-
Florida.....	1,837	145	2,364	151	3,608	147	4,674	153	-22.8	-3.8
Georgia.....	3,087	148	3,719	149	6,578	148	7,509	149	-12.4	-7
Maryland.....	40	139	701	146	406	145	1,618	146	-74.9	-6
North Carolina.....	1,510	134	1,352	130	2,934	136	3,445	133	-14.8	2.2
South Carolina.....	435	142	711	145	887	146	1,238	146	-28.3	.3
Virginia.....	767	132	1,116	135	1,450	133	1,837	136	-21.0	-2.3
West Virginia.....	1,314	111	1,150	107	2,920	110	2,159	107	35.3	3.0
<b>East South Central</b> .....	<b>4,603</b>	<b>123</b>	<b>5,612</b>	<b>113</b>	<b>8,615</b>	<b>123</b>	<b>12,798</b>	<b>113</b>	<b>-32.7</b>	<b>8.5</b>
Alabama.....	1,508	126	952	127	2,556	131	2,185	128	17.0	2.5
Kentucky.....	2,043	110	3,370	105	3,999	111	7,011	105	-43.0	5.4
Mississippi.....	674	159	297	136	963	157	417	137	131.1	14.3
Tennessee.....	379	117	992	118	1,097	119	3,185	117	-65.6	1.5
<b>West South Central</b> .....	<b>1,613</b>	<b>134</b>	<b>2,134</b>	<b>123</b>	<b>4,199</b>	<b>128</b>	<b>4,211</b>	<b>122</b>	<b>-3</b>	<b>5.1</b>
Arkansas.....	157	132	214	118	657	131	687	100	-4.3	30.9
Oklahoma.....	-	-	142	92	-	-	142	92	-	-
Texas.....	1,457	134	1,778	126	3,542	127	3,382	127	4.7	.1
<b>Mountain</b> .....	<b>1,509</b>	<b>118</b>	<b>1,438</b>	<b>90</b>	<b>2,579</b>	<b>115</b>	<b>3,183</b>	<b>91</b>	<b>-19.0</b>	<b>26.1</b>
Arizona.....	801	142	683	109	1,341	136	1,282	108	4.6	26.4
Colorado.....	332	70	214	68	602	72	485	75	24.1	-3.7
Nevada.....	228	106	60	108	486	106	337	119	44.3	-11.1
Utah.....	149	116	85	99	151	115	142	99	6.5	16.6
Wyoming.....	-	-	396	63	-	-	938	63	-	-
<b>Pacific</b> .....	<b>693</b>	<b>114</b>	<b>815</b>	<b>117</b>	<b>1,781</b>	<b>112</b>	<b>1,713</b>	<b>115</b>	<b>4.0</b>	<b>-2.2</b>
Oregon.....	403	107	304	110	1,141	106	965	109	18.2	-2.7
Washington.....	290	123	511	121	640	122	748	121	-14.4	1.1
<b>U.S. Total</b> .....	<b>39,064</b>	<b>118</b>	<b>41,357</b>	<b>120</b>	<b>77,967</b>	<b>118</b>	<b>84,552</b>	<b>120</b>	<b>-7.8</b>	<b>-1.4</b>

\* 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	April-June 1999	January-March 1999	April-June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England</b> .....	<b>\$42.29</b>	<b>\$42.19</b>	<b>\$42.31</b>	<b>\$42.24</b>	<b>\$42.92</b>	<b>-1.6</b>
Connecticut .....	-	45.85	46.72	45.85	47.68	-3.8
Massachusetts.....	45.23	45.21	41.79	45.23	42.24	7.1
New Hampshire .....	40.42	40.99	41.80	40.73	42.23	-3.5
<b>Mid Atlantic</b> .....	<b>34.07</b>	<b>34.18</b>	<b>34.44</b>	<b>34.13</b>	<b>34.54</b>	<b>-1.2</b>
New Jersey.....	39.43	38.62	41.35	39.03	42.32	-7.8
New York.....	37.35	37.53	37.19	37.46	37.70	-6
Pennsylvania.....	33.09	33.25	33.50	33.19	33.58	-1.2
<b>East North Central</b> .....	<b>26.64</b>	<b>26.74</b>	<b>27.67</b>	<b>26.69</b>	<b>27.63</b>	<b>-3.4</b>
Illinois .....	27.22	30.12	31.99	28.72	31.15	-7.8
Indiana.....	23.48	23.70	23.39	23.59	23.58	*
Michigan .....	27.80	26.83	27.56	27.43	27.96	-1.9
Ohio.....	31.93	31.20	32.45	31.57	32.51	-2.9
Wisconsin.....	19.43	17.58	20.71	18.54	19.85	-6.6
<b>West North Central</b> .....	<b>15.13</b>	<b>14.43</b>	<b>15.36</b>	<b>14.77</b>	<b>15.15</b>	<b>-2.5</b>
Iowa.....	14.64	13.54	15.91	14.10	15.51	-9.1
Kansas .....	16.51	15.94	17.33	16.23	17.24	-5.9
Minnesota.....	20.10	19.56	19.57	19.84	19.63	1.1
Missouri.....	16.96	16.61	16.51	16.78	16.44	2.1
Nebraska.....	9.71	9.51	10.10	9.61	10.08	-4.7
North Dakota.....	10.07	9.58	10.57	9.81	10.15	-3.3
South Dakota.....	16.28	16.09	16.10	16.17	16.17	*
<b>South Atlantic</b> .....	<b>35.14</b>	<b>34.93</b>	<b>35.56</b>	<b>35.03</b>	<b>35.65</b>	<b>-1.7</b>
Delaware .....	39.83	39.88	41.10	39.85	40.52	-1.7
Florida.....	39.42	39.19	39.90	39.30	40.51	-3.0
Georgia.....	36.49	35.77	36.44	36.13	36.42	-8
Maryland.....	36.94	36.45	37.64	36.69	37.62	-2.5
North Carolina .....	36.12	36.05	35.84	36.08	35.62	1.3
South Carolina .....	36.09	36.90	36.97	36.54	37.01	-1.3
Virginia .....	34.37	34.42	34.71	34.40	34.82	-1.2
West Virginia.....	29.47	29.69	29.96	29.59	30.04	-1.5
<b>East South Central</b> .....	<b>28.30</b>	<b>28.93</b>	<b>29.05</b>	<b>28.61</b>	<b>29.05</b>	<b>-1.5</b>
Alabama .....	32.90	36.21	36.72	34.44	36.58	-5.9
Kentucky .....	24.50	24.75	24.23	24.63	24.29	1.4
Mississippi.....	36.29	33.07	31.96	34.69	31.96	8.6
Tennessee .....	26.06	26.23	26.26	26.15	26.50	-1.3
<b>West South Central</b> .....	<b>19.51</b>	<b>19.59</b>	<b>19.65</b>	<b>19.55</b>	<b>19.89</b>	<b>-1.7</b>
Arkansas .....	26.23	25.84	25.97	26.01	25.89	.5
Louisiana.....	22.79	22.60	22.91	22.69	23.00	-1.3
Oklahoma .....	16.00	15.74	15.98	15.86	16.01	-9
Texas .....	18.81	18.90	19.06	18.86	19.45	-3.1
<b>Mountain</b> .....	<b>20.92</b>	<b>21.30</b>	<b>21.16</b>	<b>21.12</b>	<b>21.00</b>	<b>.6</b>
Arizona.....	27.29	28.82	27.58	28.04	27.32	2.6
Colorado.....	18.91	19.34	20.05	19.12	19.79	-3.4
Montana.....	13.36	11.70	12.86	12.46	12.08	3.2
Nevada.....	31.26	30.07	33.30	30.53	30.66	-4
New Mexico.....	24.69	24.94	25.03	24.81	24.36	1.9
Utah .....	23.48	24.36	26.54	23.95	26.10	-8.2
Wyoming.....	13.04	14.21	12.35	13.68	13.23	3.4
<b>Pacific</b> .....	<b>23.20</b>	<b>24.72</b>	<b>22.93</b>	<b>24.00</b>	<b>23.43</b>	<b>2.4</b>
Oregon.....	19.78	19.78	19.09	19.78	19.13	3.4
Washington .....	24.25	27.74	23.61	25.91	24.90	4.1
<b>U.S. Total</b> .....	<b>25.14</b>	<b>25.15</b>	<b>25.92</b>	<b>25.15</b>	<b>25.91</b>	<b>-2.9</b>

\* Percent change is less than 0.05 percent.

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

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



**Table 27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 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 .....	2,798	214	3,858	166	261	142	6,917	185	0.88	-16.4	0.1	-5.4
Arizona .....	5,667	126	-	-	-	-	5,667	126	.46	1.3	4.0	-4.9
Colorado .....	12,108	125	197	94	-	-	12,305	125	.42	12.9	1.7	.7
Illinois .....	11	160	7,968	137	10,001	125	17,980	130	1.88	3.2	-2.7	-6.3
Indiana .....	913	128	4,250	119	10,234	101	15,397	108	2.07	-5.0	-2.5	-4
Kansas .....	-	-	-	-	212	101	212	101	3.66	5.2	-1.2	-5.3
Kentucky .....	8,073	148	33,148	139	12,158	107	53,379	134	1.27	-11.4	-.3	-4.7
Louisiana .....	-	-	1,204	130	-	-	1,204	130	1.33	-22.4	-5.7	-9.2
Maryland .....	-	-	1,414	110	26	97	1,440	110	1.47	-30.0	-9.5	7.8
Missouri .....	-	-	-	-	133	124	133	124	3.18	78.8	2.7	13.3
Montana .....	7,411	134	8,297	90	-	-	15,708	112	.61	-13.4	-3.6	-.3
New Mexico .....	3,701	148	9,755	137	-	-	13,456	140	.75	6.2	.6	.9
North Dakota .....	-	-	11,586	75	111	54	11,697	75	1.17	2.4	-3.5	.5
Ohio .....	-	-	435	116	9,744	133	10,180	133	2.95	-15.3	-5.1	-1.7
Oklahoma .....	-	-	-	-	105	110	105	110	2.95	53.1	-1.3	3.7
Pennsylvania .....	360	151	17,944	127	5,432	123	23,737	127	1.47	-16.1	-3.8	1.5
Tennessee .....	42	115	1,155	130	-	-	1,198	129	.97	-4.5	1.9	-5.4
Texas .....	-	-	12,052	114	10,476	96	22,529	106	1.56	-2.9	1.9	-6.4
Utah .....	8,973	107	266	126	-	-	9,239	108	.41	-1.1	-8.5	-1.8
Virginia .....	3,791	154	5,546	138	234	128	9,570	144	.75	18.7	-.7	-.9
Washington .....	-	-	1,883	172	-	-	1,883	172	1.17	-9.5	5.4	47.3
West Virginia .....	18,769	144	21,485	132	11,987	133	52,241	137	1.17	-1.1	-2.5	-5.8
Wyoming .....	151,104	110	6,894	113	-	-	157,998	110	.38	6.7	-1.9	-.8
<b>Imported.....</b>	<b>2,367</b>	<b>150</b>	<b>152</b>	<b>141</b>	<b>-</b>	<b>-</b>	<b>2,519</b>	<b>149</b>	<b>.49</b>	<b>-5.9</b>	<b>-5.0</b>	<b>-5.9</b>
<b>Total.....</b>	<b>226,088</b>	<b>121</b>	<b>149,488</b>	<b>129</b>	<b>71,117</b>	<b>118</b>	<b>446,692</b>	<b>123</b>	<b>.99</b>	<b>-1.3</b>	<b>-2.3</b>	<b>-5.9</b>

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

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

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 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
<b>Alabama</b> .....	<b>14,383</b>	<b>15,326</b>	<b>82.2</b>	<b>85.7</b>	<b>0.97</b>	<b>1.01</b>	<b>156</b>	<b>158</b>
Alabama.....	6,845	8,136	88.0	93.9	.87	.93	186	186
Colorado.....	30	351	—	100.0	.35	.42	112	116
Illinois.....	876	435	30.0	14.0	1.75	1.72	132	128
Indiana.....	—	49	—	—	—	3.12	—	110
Kentucky.....	1,540	2,121	94.0	65.1	1.82	1.65	117	120
Pennsylvania.....	—	29	—	100.0	—	1.53	—	112
Tennessee.....	223	321	100.0	100.0	.72	.70	138	136
Virginia.....	61	—	—	—	.65	—	138	—
West Virginia.....	307	1,061	4.5	51.7	2.89	1.57	111	132
Wyoming.....	4,310	2,823	86.8	99.5	.39	.31	123	119
Imported coal Colombia.....	192	—	59.0	—	.47	—	166	—
<b>Arizona</b> .....	<b>9,494</b>	<b>9,104</b>	<b>85.9</b>	<b>85.9</b>	<b>.53</b>	<b>.54</b>	<b>137</b>	<b>134</b>
Arizona.....	3,650	3,711	100.0	100.0	.47	.49	121	118
Colorado.....	285	30	—	—	.38	.40	174	197
Montana.....	47	—	—	—	.36	—	122	—
New Mexico.....	5,439	5,167	82.8	79.6	.59	.58	146	147
Wyoming.....	73	195	—	—	.29	.29	116	117
<b>Arkansas</b> .....	<b>7,679</b>	<b>6,580</b>	<b>91.4</b>	<b>89.6</b>	<b>.31</b>	<b>.38</b>	<b>150</b>	<b>149</b>
Wyoming.....	7,679	6,580	91.4	89.6	.31	.38	150	149
<b>Colorado</b> .....	<b>9,066</b>	<b>8,843</b>	<b>93.4</b>	<b>94.5</b>	<b>.39</b>	<b>.39</b>	<b>98</b>	<b>100</b>
Colorado.....	5,142	5,488	92.6	93.5	.42	.41	105	106
Wyoming.....	3,924	3,355	94.3	96.2	.35	.34	86	88
<b>Connecticut</b> .....	<b>35</b>	<b>452</b>	<b>—</b>	<b>79.2</b>	<b>.45</b>	<b>.40</b>	<b>169</b>	<b>181</b>
Kentucky.....	—	352	—	87.8	—	.38	—	183
West Virginia.....	—	64	—	76.6	—	.46	—	181
Imported coal Venezuela.....	35	36	—	—	.45	.42	169	162
<b>Delaware</b> .....	<b>387</b>	<b>730</b>	<b>100.0</b>	<b>97.9</b>	<b>.84</b>	<b>.76</b>	<b>154</b>	<b>157</b>
Kentucky.....	—	54	—	100.0	—	.50	—	176
Maryland.....	37	57	100.0	100.0	1.14	1.13	146	146
Pennsylvania.....	165	240	100.0	97.7	1.05	1.04	144	143
Virginia.....	38	65	100.0	100.0	.56	.61	179	175
West Virginia.....	147	315	100.0	96.8	.58	.55	161	163
<b>Florida</b> .....	<b>12,755</b>	<b>13,839</b>	<b>71.7</b>	<b>66.2</b>	<b>1.26</b>	<b>1.29</b>	<b>160</b>	<b>167</b>
Alabama.....	72	109	—	—	1.86	.88	133	162
Illinois.....	4,020	3,545	84.8	80.5	1.71	1.85	149	167
Indiana.....	—	30	—	100.0	—	2.79	—	125
Kentucky.....	5,764	7,078	68.4	64.3	1.15	1.21	168	168
Virginia.....	476	407	97.5	97.8	.59	.63	204	209
West Virginia.....	1,109	1,002	52.1	44.7	1.30	1.37	156	164
Wyoming.....	101	478	—	—	.25	.46	124	136
Imported coal Australia.....	63	—	—	—	.58	—	124	—
Imported coal Colombia.....	675	700	100.0	93.8	.56	.53	147	148
Imported coal Indonesia.....	156	297	—	75.4	.15	.26	130	159
Imported coal Venezuela.....	320	193	25.8	—	.40	.60	156	156
<b>Georgia</b> .....	<b>16,503</b>	<b>14,804</b>	<b>60.1</b>	<b>49.3</b>	<b>.68</b>	<b>.72</b>	<b>154</b>	<b>155</b>
Illinois.....	628	400	100.0	100.0	.80	1.27	149	137
Kentucky.....	7,674	7,249	71.4	54.9	.77	.82	149	150
Virginia.....	2,427	1,856	74.8	60.0	.68	.68	153	153
West Virginia.....	2,164	2,358	92.6	76.5	.59	.60	180	182
Wyoming.....	3,351	2,790	—	—	.40	.41	151	150
Imported coal Venezuela.....	260	150	—	—	.58	.88	137	150
<b>Illinois</b> .....	<b>18,643</b>	<b>19,467</b>	<b>86.4</b>	<b>87.7</b>	<b>1.15</b>	<b>1.15</b>	<b>148</b>	<b>160</b>
Colorado.....	820	690	97.6	83.2	.45	.45	124	138
Illinois.....	6,681	6,920	93.3	88.1	2.25	2.33	124	127
Indiana.....	296	836	57.4	70.6	1.51	.84	145	147
Kentucky.....	34	9	100.0	—	2.12	.57	120	169
Montana.....	586	655	100.0	100.0	.39	.34	179	234
Utah.....	257	434	100.0	90.3	.45	.37	138	179
Wyoming.....	9,969	9,923	80.5	88.3	.38	.33	170	186
<b>Indiana</b> .....	<b>28,683</b>	<b>28,128</b>	<b>81.4</b>	<b>71.2</b>	<b>1.45</b>	<b>1.55</b>	<b>112</b>	<b>113</b>
Illinois.....	2,182	2,338	67.1	65.0	2.21	2.17	115	119
Indiana.....	13,988	13,879	78.2	66.5	2.03	2.10	107	109
Kentucky.....	1,109	668	49.7	56.4	.94	1.37	122	122
Ohio.....	220	562	—	—	4.15	3.38	109	109
Pennsylvania.....	276	283	100.0	100.0	1.54	1.67	113	107
Virginia.....	605	443	86.3	100.0	.48	.54	157	159
West Virginia.....	1,119	900	59.6	53.7	1.01	.86	123	119
Wyoming.....	9,184	9,054	97.3	85.1	.32	.34	111	113

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 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
<b>Iowa</b> .....	<b>10,308</b>	<b>9,997</b>	<b>72.4</b>	<b>76.9</b>	<b>0.47</b>	<b>0.49</b>	<b>82</b>	<b>90</b>
Colorado.....	202	249	100.0	100.0	.43	.43	133	132
Illinois.....	165	102	44.3	28.0	1.57	2.32	126	117
Indiana.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	-	55	-	59.8	-	2.35	-	117
Montana.....	58	50	-	44.6	.39	.30	144	135
Ohio.....	*	-	-	-	3.31	-	140	-
Pennsylvania.....	3	-	-	-	1.04	-	160	-
West Virginia.....	3	1	-	-	1.05	2.08	161	164
Wyoming.....	9,878	9,450	72.8	76.9	.44	.44	79	87
<b>Kansas</b> .....	<b>10,160</b>	<b>9,398</b>	<b>73.5</b>	<b>99.2</b>	<b>.50</b>	<b>.52</b>	<b>94</b>	<b>99</b>
Colorado.....	185	603	100.0	100.0	.42	.42	144	122
Kansas.....	210	202	-	100.0	3.67	3.86	101	103
Missouri.....	-	14	-	100.0	-	3.06	-	126
Montana.....	857	67	100.0	100.0	.37	.34	89	91
Oklahoma.....	39	38	100.0	100.0	2.72	2.90	119	118
Wyoming.....	8,869	8,474	72.0	99.1	.41	.40	93	96
<b>Kentucky</b> .....	<b>17,493</b>	<b>19,105</b>	<b>77.1</b>	<b>63.3</b>	<b>1.91</b>	<b>2.10</b>	<b>107</b>	<b>105</b>
Colorado.....	1,421	1,302	100.0	100.0	.39	.40	131	126
Illinois.....	162	143	-	-	2.11	2.04	101	100
Indiana.....	888	1,074	99.8	93.9	3.01	2.88	99	95
Kentucky.....	10,557	12,969	77.7	55.0	2.34	2.37	103	103
Ohio.....	59	357	100.0	87.9	3.32	3.40	99	96
Pennsylvania.....	185	48	5.8	80.7	1.36	1.72	117	110
West Virginia.....	3,606	3,118	72.1	72.8	1.25	1.41	111	111
Wyoming.....	615	94	50.7	23.9	.30	.32	105	94
<b>Louisiana</b> .....	<b>7,062</b>	<b>6,451</b>	<b>100.0</b>	<b>100.0</b>	<b>.72</b>	<b>.74</b>	<b>139</b>	<b>142</b>
Louisiana.....	1,204	1,551	100.0	100.0	1.33	1.47	130	137
Texas.....	-	91	-	100.0	-	2.31	-	132
Wyoming.....	5,858	4,809	100.0	100.0	.62	.52	141	144
<b>Maryland</b> .....	<b>5,289</b>	<b>5,490</b>	<b>92.3</b>	<b>70.5</b>	<b>.87</b>	<b>.91</b>	<b>142</b>	<b>146</b>
Kentucky.....	182	259	100.0	100.0	.55	.58	140	146
Maryland.....	22	343	100.0	84.2	.93	1.15	148	175
Pennsylvania.....	1,466	1,516	79.8	16.4	1.19	1.13	143	149
West Virginia.....	3,619	3,372	97.0	91.2	.76	.80	141	142
<b>Massachusetts</b> .....	<b>266</b>	<b>2,482</b>	<b>45.2</b>	<b>87.6</b>	<b>.62</b>	<b>.57</b>	<b>173</b>	<b>168</b>
Kentucky.....	69	388	79.9	97.9	.42	.53	181	181
Pennsylvania.....	48	87	100.0	100.0	.95	1.19	162	161
West Virginia.....	148	1,313	11.3	77.1	.59	.56	173	168
Imported coal Colombia.....	-	387	-	100.0	-	.51	-	166
Imported coal Venezuela.....	-	307	-	100.0	-	.51	-	153
<b>Michigan</b> .....	<b>14,443</b>	<b>15,875</b>	<b>81.6</b>	<b>76.6</b>	<b>.60</b>	<b>.66</b>	<b>130</b>	<b>132</b>
Colorado.....	386	288	100.0	94.0	.43	.48	138	138
Illinois.....	-	9	-	-	-	1.08	-	152
Indiana.....	84	106	85.7	100.0	2.12	2.11	134	138
Kentucky.....	1,618	2,173	57.8	64.2	.64	.68	150	150
Montana.....	3,245	3,866	98.1	89.2	.37	.39	146	143
Ohio.....	54	74	54.9	18.8	2.51	2.66	155	157
Pennsylvania.....	1,383	1,737	84.7	64.8	1.11	1.16	126	125
West Virginia.....	2,469	2,475	54.5	54.5	.87	.93	142	152
Wyoming.....	5,203	5,145	89.7	86.5	.31	.35	103	99
<b>Minnesota</b> .....	<b>7,933</b>	<b>8,567</b>	<b>91.6</b>	<b>97.3</b>	<b>.47</b>	<b>.49</b>	<b>112</b>	<b>111</b>
Colorado.....	12	-	-	-	.42	-	127	-
Illinois.....	8	11	100.0	100.0	.92	1.10	163	161
Indiana.....	49	15	99.8	-	.76	1.13	158	150
Kentucky.....	*	-	-	-	.74	-	150	-
Montana.....	3,767	4,526	92.4	96.1	.67	.68	112	111
Wyoming.....	4,098	4,014	91.1	99.0	.28	.28	110	110
<b>Mississippi</b> .....	<b>3,192</b>	<b>3,058</b>	<b>69.8</b>	<b>86.4</b>	<b>.69</b>	<b>.74</b>	<b>155</b>	<b>153</b>
Alabama.....	-	28	-	-	-	.57	-	148
Colorado.....	636	-	-	-	.42	-	162	-
Illinois.....	790	744	97.1	89.6	1.23	1.39	141	142
Kentucky.....	570	384	99.2	96.0	.69	.76	181	203
Montana.....	735	1,606	100.0	100.0	.39	.40	147	147
Wyoming.....	161	231	100.0	-	.49	.48	135	133
Imported coal Colombia.....	284	-	-	-	.40	-	149	-
Imported coal Venezuela.....	16	65	-	-	.62	.60	142	141
<b>Missouri</b> .....	<b>19,055</b>	<b>18,968</b>	<b>58.3</b>	<b>61.9</b>	<b>.39</b>	<b>.42</b>	<b>94</b>	<b>92</b>
Colorado.....	-	30	-	-	-	.54	-	137

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 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
<b>Missouri</b>								
Illinois.....	841	1,042	50.2	33.8	1.67	1.76	142	129
Indiana.....	-	53	-	-	-	.60	-	131
Kansas.....	2	-	-	-	3.21	-	124	-
Kentucky.....	18	23	100.0	35.4	1.12	2.05	191	182
Missouri.....	133	61	100.0	97.5	3.18	2.75	124	119
Oklahoma.....	5	-	100.0	-	2.71	-	129	-
Wyoming.....	18,055	17,759	58.3	63.8	.28	.31	90	88
<b>Montana</b> .....	<b>4,981</b>	<b>4,929</b>	<b>100.0</b>	<b>100.0</b>	<b>.86</b>	<b>.87</b>	<b>74</b>	<b>71</b>
Montana.....	4,700	4,868	100.0	100.0	.89	.88	75	72
Wyoming.....	281	61	100.0	100.0	.26	.29	56	70
<b>Nebraska</b> .....	<b>5,731</b>	<b>5,858</b>	<b>83.1</b>	<b>80.4</b>	<b>.34</b>	<b>.32</b>	<b>57</b>	<b>59</b>
Wyoming.....	5,731	5,858	83.1	80.4	.34	.32	57	59
<b>Nevada</b> .....	<b>3,664</b>	<b>3,349</b>	<b>86.7</b>	<b>89.9</b>	<b>.42</b>	<b>.42</b>	<b>136</b>	<b>137</b>
Arizona.....	2,017	1,882	100.0	100.0	.45	.47	135	128
Colorado.....	-	20	-	100.0	-	.41	-	196
Utah.....	1,647	1,447	70.5	76.7	.40	.37	137	148
<b>New Hampshire</b> .....	<b>609</b>	<b>645</b>	<b>58.2</b>	<b>69.5</b>	<b>.98</b>	<b>1.07</b>	<b>155</b>	<b>161</b>
Kentucky.....	10	-	100.0	-	1.90	-	160	-
Pennsylvania.....	310	345	95.7	95.7	1.17	1.10	161	166
West Virginia.....	56	117	84.6	100.0	1.67	1.81	155	160
Imported coal Colombia.....	-	35	-	-	-	.49	-	173
Imported coal Venezuela.....	233	148	-	-	.52	.51	146	147
<b>New Jersey</b> .....	<b>1,141</b>	<b>960</b>	<b>89.5</b>	<b>75.8</b>	<b>.83</b>	<b>.87</b>	<b>149</b>	<b>161</b>
Kentucky.....	91	28	100.0	-	.61	.66	147	164
Pennsylvania.....	-	*	-	100.0	-	.61	-	192
Virginia.....	294	410	100.0	98.8	.51	.53	140	156
West Virginia.....	754	482	84.2	66.8	.98	1.23	152	165
Imported coal Venezuela.....	1	39	100.0	-	.61	.52	193	155
<b>New Mexico</b> .....	<b>7,957</b>	<b>7,290</b>	<b>100.0</b>	<b>100.0</b>	<b>.87</b>	<b>.87</b>	<b>136</b>	<b>133</b>
New Mexico.....	7,957	7,290	100.0	100.0	.87	.87	136	133
<b>New York</b> .....	<b>3,230</b>	<b>4,300</b>	<b>79.9</b>	<b>87.0</b>	<b>1.35</b>	<b>1.25</b>	<b>144</b>	<b>144</b>
Kentucky.....	354	471	97.5	70.3	.47	.52	181	180
Ohio.....	-	3	-	-	-	3.17	-	128
Pennsylvania.....	1,628	1,983	81.7	88.5	1.40	1.27	137	137
West Virginia.....	962	1,581	71.7	88.2	1.84	1.56	136	137
Imported coal Colombia.....	-	35	-	100.0	-	.47	-	170
Imported coal Venezuela.....	285	227	75.5	100.0	.51	.47	160	170
<b>North Carolina</b> .....	<b>13,132</b>	<b>13,529</b>	<b>77.7</b>	<b>74.5</b>	<b>.68</b>	<b>.72</b>	<b>145</b>	<b>144</b>
Kentucky.....	6,341	7,693	82.6	66.4	.73	.78	144	142
Virginia.....	475	143	35.2	.1	.67	.76	143	134
West Virginia.....	6,316	5,693	75.9	87.4	.63	.65	145	149
<b>North Dakota</b> .....	<b>11,697</b>	<b>11,423</b>	<b>100.0</b>	<b>100.0</b>	<b>1.17</b>	<b>1.16</b>	<b>75</b>	<b>77</b>
North Dakota.....	11,697	11,423	100.0	100.0	1.17	1.16	75	77
Wyoming.....	*	-	-	-	.90	-	54	-
<b>Ohio</b> .....	<b>26,227</b>	<b>26,575</b>	<b>66.9</b>	<b>72.9</b>	<b>1.61</b>	<b>1.73</b>	<b>133</b>	<b>137</b>
Illinois.....	-	2	-	-	-	.73	-	132
Indiana.....	-	10	-	-	-	1.30	-	98
Kentucky.....	4,640	3,647	66.8	52.4	.70	.74	122	124
Ohio.....	9,077	10,247	87.3	83.6	2.91	2.97	137	146
Pennsylvania.....	2,348	2,424	16.4	58.6	1.49	1.43	113	124
Virginia.....	281	289	100.0	100.0	.52	.55	133	126
West Virginia.....	8,918	9,105	65.6	77.2	.96	.97	140	137
Wyoming.....	962	851	-	16.9	.29	.36	120	120
<b>Oklahoma</b> .....	<b>10,410</b>	<b>10,144</b>	<b>100.0</b>	<b>98.6</b>	<b>.36</b>	<b>.33</b>	<b>92</b>	<b>92</b>
Oklahoma.....	61	30	100.0	100.0	3.12	2.79	103	104
Wyoming.....	10,349	10,114	100.0	98.6	.33	.32	92	92
<b>Oregon</b> .....	<b>1,141</b>	<b>965</b>	-	-	<b>.41</b>	<b>.37</b>	<b>106</b>	<b>109</b>
Colorado.....	14	-	-	-	.43	-	75	-
Utah.....	287	-	-	-	.46	-	103	-
Wyoming.....	840	965	-	-	.38	.37	109	109
<b>Pennsylvania</b> .....	<b>17,289</b>	<b>21,836</b>	<b>83.6</b>	<b>83.2</b>	<b>1.69</b>	<b>1.79</b>	<b>133</b>	<b>136</b>
Maryland.....	-	14	-	-	-	.91	-	132
Ohio.....	38	79	100.0	100.0	2.73	3.02	173	170
Pennsylvania.....	13,182	16,900	80.8	79.2	1.58	1.57	129	131
Virginia.....	10	-	-	-	.78	-	145	-
West Virginia.....	4,059	4,844	92.8	97.3	2.06	2.52	145	154
<b>South Carolina</b> .....	<b>6,392</b>	<b>6,484</b>	<b>86.1</b>	<b>80.9</b>	<b>.92</b>	<b>.93</b>	<b>143</b>	<b>145</b>
Kentucky.....	5,470	5,610	85.2	78.1	.90	.92	141	143

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-June 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
<b>South Carolina</b>								
Tennessee .....	225	183	88.3	100.0	1.13	1.06	154	152
Virginia .....	543	546	100.0	100.0	.98	1.01	151	150
West Virginia .....	154	145	66.8	94.8	1.04	.77	145	160
<b>South Dakota</b> .....	<b>983</b>	<b>939</b>	<b>80.4</b>	<b>100.0</b>	<b>.74</b>	<b>.70</b>	<b>93</b>	<b>93</b>
Montana .....	790	939	100.0	100.0	.77	.70	93	93
Wyoming .....	193	-	-	-	.64	-	96	-
<b>Tennessee</b> .....	<b>13,642</b>	<b>13,037</b>	<b>92.0</b>	<b>75.6</b>	<b>1.36</b>	<b>1.53</b>	<b>113</b>	<b>113</b>
Colorado .....	1,307	322	100.0	100.0	.41	.40	121	116
Illinois .....	1,314	1,336	81.8	48.8	1.57	1.76	106	109
Kentucky .....	5,903	7,488	89.5	74.8	1.91	1.86	113	113
Pennsylvania .....	565	270	100.0	94.6	1.76	1.76	108	110
Tennessee .....	750	750	99.3	99.2	1.00	1.16	119	116
Utah .....	592	722	100.0	46.1	.42	.48	125	124
Virginia .....	1,085	779	78.4	96.5	1.23	1.23	130	129
West Virginia .....	-	12	-	-	-	.60	-	123
Wyoming .....	2,127	1,357	100.0	88.0	.37	.38	94	91
<b>Texas</b> .....	<b>48,185</b>	<b>45,855</b>	<b>92.7</b>	<b>92.6</b>	<b>.86</b>	<b>.95</b>	<b>125</b>	<b>129</b>
Colorado .....	763	625	78.7	77.2	.38	.34	144	140
Texas .....	22,529	23,112	100.0	100.0	1.56	1.67	106	104
Wyoming .....	24,894	22,061	86.4	85.6	.41	.42	137	149
Imported coal Colombia .....	-	48	-	-	-	.41	-	194
Imported coal Venezuela .....	-	9	-	-	-	.54	-	186
<b>Utah</b> .....	<b>7,204</b>	<b>7,638</b>	<b>97.9</b>	<b>98.1</b>	<b>.40</b>	<b>.42</b>	<b>104</b>	<b>115</b>
Colorado .....	748	899	100.0	94.9	.40	.43	166	190
Utah .....	6,455	6,739	97.7	98.6	.40	.42	98	107
<b>Virginia</b> .....	<b>6,073</b>	<b>6,010</b>	<b>76.1</b>	<b>69.4</b>	<b>.87</b>	<b>.78</b>	<b>136</b>	<b>138</b>
Kentucky .....	1,406	1,538	72.4	53.1	1.16	.92	140	142
Maryland .....	21	-	100.0	-	3.78	-	91	-
Pennsylvania .....	19	-	-	-	1.81	-	140	-
Virginia .....	3,275	3,126	82.9	77.5	.75	.76	132	134
West Virginia .....	1,352	1,346	64.1	69.3	.81	.66	142	144
<b>Washington</b> .....	<b>2,523</b>	<b>2,827</b>	<b>74.6</b>	<b>73.5</b>	<b>.93</b>	<b>.66</b>	<b>158</b>	<b>151</b>
Montana .....	640	747	-	-	.35	.36	122	121
Washington .....	1,883	2,080	100.0	100.0	1.17	.79	172	164
<b>West Virginia</b> .....	<b>18,910</b>	<b>17,224</b>	<b>84.6</b>	<b>87.5</b>	<b>1.52</b>	<b>1.57</b>	<b>120</b>	<b>122</b>
Maryland .....	1,359	1,642	96.9	93.7	1.46	1.42	109	109
Ohio .....	732	697	100.0	100.0	3.21	3.04	91	89
Pennsylvania .....	1,841	1,384	85.6	92.8	1.29	1.23	107	127
West Virginia .....	14,979	13,501	82.6	85.5	1.47	1.54	124	125
<b>Wisconsin</b> .....	<b>10,809</b>	<b>11,488</b>	<b>68.0</b>	<b>76.6</b>	<b>.42</b>	<b>.50</b>	<b>103</b>	<b>107</b>
Colorado .....	355	-	61.2	-	.42	-	138	-
Illinois .....	314	389	-	-	.80	.79	134	136
Indiana .....	91	62	-	-	1.21	1.29	148	141
Kentucky .....	29	21	-	-	.84	.63	182	192
Montana .....	283	816	62.7	100.0	.34	.65	117	110
New Mexico .....	60	216	100.0	100.0	.49	.50	155	153
Pennsylvania .....	319	1,045	95.1	30.9	1.21	1.17	143	146
Wyoming .....	9,358	8,938	70.4	83.2	.35	.35	95	96
<b>Wyoming</b> .....	<b>11,932</b>	<b>12,705</b>	<b>100.0</b>	<b>92.6</b>	<b>.58</b>	<b>.61</b>	<b>78</b>	<b>75</b>
Wyoming .....	11,932	12,705	100.0	92.6	.58	.61	78	75
<b>U.S. Total</b> .....	<b>446,692</b>	<b>452,675</b>	<b>82.5</b>	<b>81.3</b>	<b>.99</b>	<b>1.06</b>	<b>123</b>	<b>126</b>

\* 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-June 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
<b>Alabama</b> .....	<b>6,917</b>	<b>8,273</b>	<b>87.1</b>	<b>92.4</b>	<b>0.88</b>	<b>0.93</b>	<b>185</b>	<b>185</b>
Alabama.....	6,845	8,136	88.0	93.9	.87	.93	186	186
Florida.....	72	109	-	-	1.86	.88	133	162
Mississippi.....	-	28	-	-	-	.57	-	148
<b>Arizona</b> .....	<b>5,667</b>	<b>5,593</b>	<b>100.0</b>	<b>100.0</b>	<b>.46</b>	<b>.49</b>	<b>126</b>	<b>121</b>
Arizona.....	3,650	3,711	100.0	100.0	.47	.49	121	118
Nevada.....	2,017	1,882	100.0	100.0	.45	.47	135	128
<b>Colorado</b> .....	<b>12,305</b>	<b>10,897</b>	<b>86.4</b>	<b>93.2</b>	<b>.42</b>	<b>.41</b>	<b>125</b>	<b>123</b>
Alabama.....	30	351	-	100.0	.35	.42	112	116
Arizona.....	285	30	-	-	.38	.40	174	197
Colorado.....	5,142	5,488	92.6	93.5	.42	.41	105	106
Illinois.....	820	690	97.6	83.2	.45	.45	124	138
Iowa.....	202	249	100.0	100.0	.43	.43	133	132
Kansas.....	185	603	100.0	100.0	.42	.42	144	122
Kentucky.....	1,421	1,302	100.0	100.0	.39	.40	131	126
Michigan.....	386	288	100.0	94.0	.43	.48	138	138
Minnesota.....	12	-	-	-	.42	-	127	-
Mississippi.....	636	-	-	-	.42	-	162	-
Missouri.....	-	30	-	-	-	.54	-	137
Nevada.....	-	20	-	100.0	-	.41	-	196
Oregon.....	14	-	-	-	.43	-	75	-
Tennessee.....	1,307	322	100.0	100.0	.41	.40	121	116
Texas.....	763	625	78.7	77.2	.38	.34	144	140
Utah.....	748	899	100.0	94.9	.40	.43	166	190
Wisconsin.....	355	-	61.2	-	.42	-	138	-
<b>Illinois</b> .....	<b>17,980</b>	<b>17,416</b>	<b>79.7</b>	<b>72.6</b>	<b>1.88</b>	<b>2.00</b>	<b>130</b>	<b>134</b>
Alabama.....	876	435	30.0	14.0	1.75	1.72	132	128
Florida.....	4,020	3,545	84.8	80.5	1.71	1.85	149	167
Georgia.....	628	400	100.0	100.0	.80	1.27	149	137
Illinois.....	6,681	6,920	93.3	88.1	2.25	2.33	124	127
Indiana.....	2,182	2,338	67.1	65.0	2.21	2.17	115	119
Iowa.....	165	102	44.3	28.0	1.57	2.32	126	117
Kentucky.....	162	143	-	-	2.11	2.04	101	100
Michigan.....	-	9	-	-	-	1.08	-	152
Minnesota.....	8	11	100.0	100.0	.92	1.10	163	161
Mississippi.....	790	744	97.1	89.6	1.23	1.39	141	142
Missouri.....	841	1,042	50.2	33.8	1.67	1.76	142	129
Ohio.....	-	2	-	-	-	.73	-	132
Tennessee.....	1,314	1,336	81.8	48.8	1.57	1.76	106	109
Wisconsin.....	314	389	-	-	.80	.79	134	136
<b>Indiana</b> .....	<b>15,397</b>	<b>16,205</b>	<b>78.7</b>	<b>68.2</b>	<b>2.07</b>	<b>2.07</b>	<b>108</b>	<b>110</b>
Alabama.....	-	49	-	-	-	3.12	-	110
Florida.....	-	30	-	100.0	-	2.79	-	125
Illinois.....	296	836	57.4	70.6	1.51	.84	145	147
Indiana.....	13,988	13,879	78.2	66.5	2.03	2.10	107	109
Iowa.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	888	1,074	99.8	93.9	3.01	2.88	99	95
Michigan.....	84	106	85.7	100.0	2.12	2.11	134	138
Minnesota.....	49	15	99.8	-	.76	1.13	158	150
Missouri.....	-	53	-	-	-	.60	-	131
Ohio.....	-	10	-	-	-	1.30	-	98
Wisconsin.....	91	62	-	-	1.21	1.29	148	141
<b>Kansas</b> .....	<b>212</b>	<b>202</b>	<b>-</b>	<b>100.0</b>	<b>3.66</b>	<b>3.86</b>	<b>101</b>	<b>103</b>
Kansas.....	210	202	-	100.0	3.67	3.86	101	103
Missouri.....	2	-	-	-	3.21	-	124	-
<b>Kentucky</b> .....	<b>53,379</b>	<b>60,278</b>	<b>77.1</b>	<b>63.7</b>	<b>1.27</b>	<b>1.33</b>	<b>134</b>	<b>134</b>
Alabama.....	1,540	2,121	94.0	65.1	1.82	1.65	117	120
Connecticut.....	-	352	-	87.8	-	.38	-	183
Delaware.....	-	54	-	100.0	-	.50	-	176
Florida.....	5,764	7,078	68.4	64.3	1.15	1.21	168	168
Georgia.....	7,674	7,249	71.4	54.9	.77	.82	149	150
Illinois.....	34	9	100.0	-	2.12	.57	120	169
Indiana.....	1,109	668	49.7	56.4	.94	1.37	122	122
Iowa.....	-	55	-	59.8	-	2.35	-	117
Kentucky.....	10,557	12,969	77.7	55.0	2.34	2.37	103	103
Maryland.....	182	259	100.0	100.0	.55	.58	140	146
Massachusetts.....	69	388	79.9	97.9	.42	.53	181	181
Michigan.....	1,618	2,173	57.8	64.2	.64	.68	150	150
Minnesota.....	*	-	-	-	.74	-	150	-

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 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
<b>Kentucky</b>								
Mississippi.....	570	384	99.2	96.0	0.69	0.76	181	203
Missouri.....	18	23	100.0	35.4	1.12	2.05	191	182
New Hampshire.....	10	—	100.0	—	1.90	—	160	—
New Jersey.....	91	28	100.0	—	.61	.66	147	164
New York.....	354	471	97.5	70.3	.47	.52	181	180
North Carolina.....	6,341	7,693	82.6	66.4	.73	.78	144	142
Ohio.....	4,640	3,647	66.8	52.4	.70	.74	122	124
South Carolina.....	5,470	5,610	85.2	78.1	.90	.92	141	143
Tennessee.....	5,903	7,488	89.5	74.8	1.91	1.86	113	113
Virginia.....	1,406	1,538	72.4	53.1	1.16	.92	140	142
Wisconsin.....	29	21	—	—	.84	.63	182	192
<b>Louisiana</b> .....	<b>1,204</b>	<b>1,551</b>	<b>100.0</b>	<b>100.0</b>	<b>1.33</b>	<b>1.47</b>	<b>130</b>	<b>137</b>
Louisiana.....	1,204	1,551	100.0	100.0	1.33	1.47	130	137
<b>Maryland</b> .....	<b>1,440</b>	<b>2,056</b>	<b>97.1</b>	<b>91.6</b>	<b>1.47</b>	<b>1.37</b>	<b>110</b>	<b>122</b>
Delaware.....	37	57	100.0	100.0	1.14	1.13	146	146
Maryland.....	22	343	100.0	84.2	.93	1.15	148	175
Pennsylvania.....	—	14	—	—	—	.91	—	132
Virginia.....	21	—	100.0	—	3.78	—	91	—
West Virginia.....	1,359	1,642	96.9	93.7	1.46	1.42	109	109
<b>Missouri</b> .....	<b>133</b>	<b>75</b>	<b>100.0</b>	<b>98.0</b>	<b>3.18</b>	<b>2.81</b>	<b>124</b>	<b>121</b>
Kansas.....	—	14	—	100.0	—	3.06	—	126
Missouri.....	133	61	100.0	97.5	3.18	2.75	124	119
<b>Montana</b> .....	<b>15,708</b>	<b>18,142</b>	<b>92.4</b>	<b>92.4</b>	<b>.61</b>	<b>.61</b>	<b>112</b>	<b>116</b>
Arizona.....	47	—	—	—	.36	—	122	—
Illinois.....	586	655	100.0	100.0	.39	.34	179	234
Iowa.....	58	50	—	44.6	.39	.30	144	135
Kansas.....	857	67	100.0	100.0	.37	.34	89	91
Michigan.....	3,245	3,866	98.1	89.2	.37	.39	146	143
Minnesota.....	3,767	4,526	92.4	96.1	.67	.68	112	111
Mississippi.....	735	1,606	100.0	100.0	.39	.40	147	147
Montana.....	4,700	4,868	100.0	100.0	.89	.88	75	72
South Dakota.....	790	939	100.0	100.0	.77	.70	93	93
Washington.....	640	747	—	—	.35	.36	122	121
Wisconsin.....	283	816	62.7	100.0	.34	.65	117	110
<b>New Mexico</b> .....	<b>13,456</b>	<b>12,673</b>	<b>93.0</b>	<b>91.7</b>	<b>.75</b>	<b>.74</b>	<b>140</b>	<b>140</b>
Arizona.....	5,439	5,167	82.8	79.6	.59	.58	146	147
New Mexico.....	7,957	7,290	100.0	100.0	.87	.87	136	133
Wisconsin.....	60	216	100.0	100.0	.49	.50	155	153
<b>North Dakota</b> .....	<b>11,697</b>	<b>11,423</b>	<b>100.0</b>	<b>100.0</b>	<b>1.17</b>	<b>1.16</b>	<b>75</b>	<b>77</b>
North Dakota.....	11,697	11,423	100.0	100.0	1.17	1.16	75	77
<b>Ohio</b> .....	<b>10,180</b>	<b>12,019</b>	<b>86.3</b>	<b>80.5</b>	<b>2.95</b>	<b>3.00</b>	<b>133</b>	<b>140</b>
Indiana.....	220	562	—	—	4.15	3.38	109	109
Iowa.....	*	—	—	—	3.31	—	140	—
Kentucky.....	59	357	100.0	87.9	3.32	3.40	99	96
Michigan.....	54	74	54.9	18.8	2.51	2.66	155	157
New York.....	—	3	—	—	—	3.17	—	128
Ohio.....	9,077	10,247	87.3	83.6	2.91	2.97	137	146
Pennsylvania.....	38	79	100.0	100.0	2.73	3.02	173	170
West Virginia.....	732	697	100.0	100.0	3.21	3.04	91	89
<b>Oklahoma</b> .....	<b>105</b>	<b>68</b>	<b>100.0</b>	<b>100.0</b>	<b>2.95</b>	<b>2.85</b>	<b>110</b>	<b>112</b>
Kansas.....	39	38	100.0	100.0	2.72	2.90	119	118
Missouri.....	5	—	100.0	—	2.71	—	129	—
Oklahoma.....	61	30	100.0	100.0	3.12	2.79	103	104
<b>Pennsylvania</b> .....	<b>23,737</b>	<b>28,293</b>	<b>75.6</b>	<b>73.5</b>	<b>1.47</b>	<b>1.45</b>	<b>127</b>	<b>132</b>
Alabama.....	—	29	—	100.0	—	1.53	—	112
Delaware.....	165	240	100.0	97.7	1.05	1.04	144	143
Indiana.....	276	283	100.0	100.0	1.54	1.67	113	107
Iowa.....	3	—	—	—	1.04	—	160	—
Kentucky.....	185	48	5.8	80.7	1.36	1.72	117	110
Maryland.....	1,466	1,516	79.8	16.4	1.19	1.13	143	149
Massachusetts.....	48	87	100.0	100.0	.95	1.19	162	161
Michigan.....	1,383	1,737	84.7	64.8	1.11	1.16	126	125
New Hampshire.....	310	345	95.7	95.7	1.17	1.10	161	166
New Jersey.....	—	*	—	100.0	—	.61	—	192
New York.....	1,628	1,983	81.7	88.5	1.40	1.27	137	137
Ohio.....	2,348	2,424	16.4	58.6	1.49	1.43	113	124
Pennsylvania.....	13,182	16,900	80.8	79.2	1.58	1.57	129	131
Tennessee.....	565	270	100.0	94.6	1.76	1.76	108	110

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 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
<b>Pennsylvania</b>								
Virginia.....	19	-	-	-	1.81	-	140	-
West Virginia.....	1,841	1,384	85.6	92.8	1.29	1.23	107	127
Wisconsin.....	319	1,045	95.1	30.9	1.21	1.17	143	146
<b>Tennessee</b> .....	<b>1,198</b>	<b>1,255</b>	<b>97.4</b>	<b>99.5</b>	<b>.97</b>	<b>1.03</b>	<b>129</b>	<b>127</b>
Alabama.....	223	321	100.0	100.0	.72	.70	138	136
South Carolina.....	225	183	88.3	100.0	1.13	1.06	154	152
Tennessee.....	750	750	99.3	99.2	1.00	1.16	119	116
<b>Texas</b> .....	<b>22,529</b>	<b>23,203</b>	<b>100.0</b>	<b>100.0</b>	<b>1.56</b>	<b>1.67</b>	<b>106</b>	<b>104</b>
Louisiana.....	-	91	-	100.0	-	2.31	-	132
Texas.....	22,529	23,112	100.0	100.0	1.56	1.67	106	104
<b>Utah</b> .....	<b>9,239</b>	<b>9,343</b>	<b>90.0</b>	<b>90.8</b>	<b>.41</b>	<b>.41</b>	<b>108</b>	<b>118</b>
Illinois.....	257	434	100.0	90.3	.45	.37	138	179
Nevada.....	1,647	1,447	70.5	76.7	.40	.37	137	148
Oregon.....	287	-	-	-	.46	-	103	-
Tennessee.....	592	722	100.0	46.1	.42	.48	125	124
Utah.....	6,455	6,739	97.7	98.6	.40	.42	98	107
<b>Virginia</b> .....	<b>9,570</b>	<b>8,063</b>	<b>80.4</b>	<b>79.8</b>	<b>.75</b>	<b>.76</b>	<b>144</b>	<b>145</b>
Alabama.....	61	-	-	-	.65	-	138	-
Delaware.....	38	65	100.0	100.0	.56	.61	179	175
Florida.....	476	407	97.5	97.8	.59	.63	204	209
Georgia.....	2,427	1,856	74.8	60.0	.68	.68	153	153
Indiana.....	605	443	86.3	100.0	.48	.54	157	159
New Jersey.....	294	410	100.0	98.8	.51	.53	140	156
North Carolina.....	475	143	35.2	.1	.67	.76	143	134
Ohio.....	281	289	100.0	100.0	.52	.55	133	126
Pennsylvania.....	10	-	-	-	.78	-	145	-
South Carolina.....	543	546	100.0	100.0	.98	1.01	151	150
Tennessee.....	1,085	779	78.4	96.5	1.23	1.23	130	129
Virginia.....	3,275	3,126	82.9	77.5	.75	.76	132	134
<b>Washington</b> .....	<b>1,883</b>	<b>2,080</b>	<b>100.0</b>	<b>100.0</b>	<b>1.17</b>	<b>.79</b>	<b>172</b>	<b>164</b>
Washington.....	1,883	2,080	100.0	100.0	1.17	.79	172	164
<b>West Virginia</b> .....	<b>52,241</b>	<b>52,807</b>	<b>76.6</b>	<b>80.5</b>	<b>1.17</b>	<b>1.24</b>	<b>137</b>	<b>140</b>
Alabama.....	307	1,061	4.5	51.7	2.89	1.57	111	132
Connecticut.....	-	64	-	76.6	-	.46	-	181
Delaware.....	147	315	100.0	96.8	.58	.55	161	163
Florida.....	1,109	1,002	52.1	44.7	1.30	1.37	156	164
Georgia.....	2,164	2,358	92.6	76.5	.59	.60	180	182
Indiana.....	1,119	900	59.6	53.7	1.01	.86	123	119
Iowa.....	3	1	-	-	1.05	2.08	161	164
Kentucky.....	3,606	3,118	72.1	72.8	1.25	1.41	111	111
Maryland.....	3,619	3,372	97.0	91.2	.76	.80	141	142
Massachusetts.....	148	1,313	11.3	77.1	.59	.56	173	168
Michigan.....	2,469	2,475	54.5	54.5	.87	.93	142	152
New Hampshire.....	56	117	84.6	100.0	1.67	1.81	155	160
New Jersey.....	754	482	84.2	66.8	.98	1.23	152	165
New York.....	962	1,581	71.7	88.2	1.84	1.56	136	137
North Carolina.....	6,316	5,693	75.9	87.4	.63	.65	145	149
Ohio.....	8,918	9,105	65.6	77.2	.96	.97	140	137
Pennsylvania.....	4,059	4,844	92.8	97.3	2.06	2.52	145	154
South Carolina.....	154	145	66.8	94.8	1.04	.77	145	160
Tennessee.....	-	12	-	-	-	.60	-	123
Virginia.....	1,352	1,346	64.1	69.3	.81	.66	142	144
West Virginia.....	14,979	13,501	82.6	85.5	1.47	1.54	124	125
<b>Wyoming</b> .....	<b>157,998</b>	<b>148,085</b>	<b>80.9</b>	<b>82.9</b>	<b>.38</b>	<b>.39</b>	<b>110</b>	<b>112</b>
Alabama.....	4,310	2,823	86.8	99.5	.39	.31	123	119
Arizona.....	73	195	-	-	.29	.29	116	117
Arkansas.....	7,679	6,580	91.4	89.6	.31	.38	150	149
Colorado.....	3,924	3,355	94.3	96.2	.35	.34	86	88
Florida.....	101	478	-	-	.25	.46	124	136
Georgia.....	3,351	2,790	-	-	.40	.41	151	150
Illinois.....	9,969	9,923	80.5	88.3	.38	.33	170	186
Indiana.....	9,184	9,054	97.3	85.1	.32	.34	111	113
Iowa.....	9,878	9,450	72.8	76.9	.44	.44	79	87
Kansas.....	8,869	8,474	72.0	99.1	.41	.40	93	96
Kentucky.....	615	94	50.7	23.9	.30	.32	105	94
Louisiana.....	5,858	4,809	100.0	100.0	.62	.52	141	144
Michigan.....	5,203	5,145	89.7	86.5	.31	.35	103	99
Minnesota.....	4,098	4,014	91.1	99.0	.28	.28	110	110

See footnotes at end of table.



**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-June 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
<b>Wyoming</b>								
Mississippi.....	161	231	100.0	—	0.49	0.48	135	133
Missouri.....	18,055	17,759	58.3	63.8	.28	.31	90	88
Montana.....	281	61	100.0	100.0	.26	.29	56	70
Nebraska.....	5,731	5,858	83.1	80.4	.34	.32	57	59
North Dakota.....	*	—	—	—	.90	—	54	—
Ohio.....	962	851	—	16.9	.29	.36	120	120
Oklahoma.....	10,349	10,114	100.0	98.6	.33	.32	92	92
Oregon.....	840	965	—	—	.38	.37	109	109
South Dakota.....	193	—	—	—	.64	—	96	—
Tennessee.....	2,127	1,357	100.0	88.0	.37	.38	94	91
Texas.....	24,894	22,061	86.4	85.6	.41	.42	137	149
Wisconsin.....	9,358	8,938	70.4	83.2	.35	.35	95	96
Wyoming.....	11,932	12,705	100.0	92.6	.58	.61	78	75
<b>Imported Coal.....</b>	<b>2,519</b>	<b>2,676</b>	<b>43.1</b>	<b>68.7</b>	<b>.49</b>	<b>.52</b>	<b>149</b>	<b>157</b>
<b>Australia.....</b>	<b>63</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>.58</b>	<b>—</b>	<b>124</b>	<b>—</b>
Florida.....	63	—	—	—	.58	—	124	—
<b>Colombia.....</b>	<b>1,151</b>	<b>1,204</b>	<b>68.5</b>	<b>89.5</b>	<b>.50</b>	<b>.51</b>	<b>151</b>	<b>157</b>
Alabama.....	192	—	59.0	—	.47	—	166	—
Florida.....	675	700	100.0	93.8	.56	.53	147	148
Massachusetts.....	—	387	—	100.0	—	.51	—	166
Mississippi.....	284	—	—	—	.40	—	149	—
New Hampshire.....	—	35	—	—	—	.49	—	173
New York.....	—	35	—	100.0	—	.47	—	170
Texas.....	—	48	—	—	—	.41	—	194
<b>Venezuela.....</b>	<b>1,149</b>	<b>1,174</b>	<b>26.0</b>	<b>45.5</b>	<b>.50</b>	<b>.57</b>	<b>151</b>	<b>156</b>
Connecticut.....	35	36	—	—	.45	.42	169	162
Florida.....	320	193	25.8	—	.40	.60	156	156
Georgia.....	260	150	—	—	.58	.88	137	150
Massachusetts.....	—	307	—	100.0	—	.51	—	153
Mississippi.....	16	65	—	—	.62	.60	142	141
New Hampshire.....	233	148	—	—	.52	.51	146	147
New Jersey.....	1	39	100.0	—	.61	.52	193	155
New York.....	285	227	75.5	100.0	.51	.47	160	170
Texas.....	—	9	—	—	—	.54	—	186
<b>Indonesia.....</b>	<b>156</b>	<b>297</b>	<b>—</b>	<b>75.4</b>	<b>.15</b>	<b>.26</b>	<b>130</b>	<b>159</b>
Florida.....	156	297	—	75.4	.15	.26	130	159
<b>U.S. Total.....</b>	<b>446,692</b>	<b>452,675</b>	<b>82.5</b>	<b>81.3</b>	<b>.99</b>	<b>1.06</b>	<b>123</b>	<b>126</b>

\* 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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total .....	1,994	1,934	2,122	3,928	4,239	-7.3
East North Central Total .....	3,463	3,185	3,286	6,648	6,077	9.4
South Atlantic Total .....	w	w	w	w	w	w
East South Central Total .....	888	833	906	1,721	1,886	-8.8
Mountain Total .....	w	w	w	w	w	w
<b>U.S. Total .....</b>	<b>7,205</b>	<b>6,712</b>	<b>7,308</b>	<b>13,917</b>	<b>14,051</b>	<b>-1.0</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
Middle Atlantic Total .....	\$44.31	\$44.63	\$43.93	\$44.47	\$44.00	1.1
East North Central Total .....	48.52	48.77	48.36	48.64	48.11	1.1
South Atlantic Total .....	w	w	w	w	w	w
East South Central Total .....	\$46.78	\$46.85	\$46.01	\$46.82	\$46.32	1.1
Mountain Total .....	w	w	w	w	w	w
<b>U.S. Total .....</b>	<b>\$46.37</b>	<b>\$46.56</b>	<b>\$45.84</b>	<b>\$46.46</b>	<b>\$45.82</b>	<b>1.4</b>

<sup>w</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	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	27	54	54	0.0
<b>Middle Atlantic Total</b> .....	<b>1,431</b>	<b>1,283</b>	<b>1,442</b>	<b>2,713</b>	<b>2,794</b>	<b>-2.9</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	1,060	1,045	1,046	2,105	2,110	-3
<b>East North Central Total</b> .....	<b>3,540</b>	<b>3,514</b>	<b>3,858</b>	<b>7,054</b>	<b>7,695</b>	<b>-8.3</b>
Illinois.....	843	880	984	1,723	2,011	-14.4
Indiana.....	1,026	997	1,143	2,023	2,288	-11.6
Michigan.....	485	291	468	776	758	2.4
Ohio.....	835	976	891	1,811	1,911	-5.2
Wisconsin.....	350	370	372	721	727	-9
<b>West North Central Total</b> .....	<b>3,253</b>	<b>3,294</b>	<b>3,287</b>	<b>6,547</b>	<b>6,302</b>	<b>3.9</b>
Iowa.....	878	611	865	1,489	1,445	3.0
Kansas.....	29	22	28	51	60	-14.7
Minnesota.....	350	381	397	731	740	-1.2
Missouri.....	282	306	287	588	581	1.3
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	112	112	112	225	210	7.3
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	271	331	356	602	689	-12.7
Georgia.....	467	514	476	980	1,038	-5.6
Maryland.....	184	202	174	386	365	5.9
North Carolina.....	427	542	496	969	1,060	-8.6
South Carolina.....	418	483	499	901	981	-8.2
Virginia.....	552	601	537	1,153	1,179	-2.2
West Virginia.....	365	376	370	741	783	-5.4
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	616	599	655	1,215	1,365	-11.0
Kentucky.....	407	439	449	846	945	-10.5
Mississippi.....	w	w	w	w	w	w
Tennessee.....	829	931	917	1,760	1,880	-6.4
<b>West South Central Total</b> .....	<b>1,413</b>	<b>1,477</b>	<b>1,522</b>	<b>2,890</b>	<b>2,999</b>	<b>-3.6</b>
Arkansas.....	73	75	73	148	142	4.2
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,147	1,173	1,250	2,320	2,418	-4.0
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	160	185	195	344	368	-6.5
Colorado.....	165	179	158	345	338	1.9
Idaho.....	72	99	67	171	175	-2.3
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	274	132	249	406	388	4.5
Wyoming.....	529	463	454	992	977	1.5
<b>Pacific Total</b> .....	<b>717</b>	<b>816</b>	<b>696</b>	<b>1,533</b>	<b>1,503</b>	<b>2.0</b>
Alaska.....	w	w	w	w	w	w
California.....	656	756	677	1,412	1,369	3.1
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>16,306</b>	<b>16,687</b>	<b>17,089</b>	<b>32,992</b>	<b>34,302</b>	<b>-3.8</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	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.....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>\$34.95</b>	<b>\$34.66</b>	<b>\$35.70</b>	<b>\$34.82</b>	<b>\$35.49</b>	<b>-1.9</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	\$32.97	\$33.54	\$33.52	\$33.25	\$33.75	-1.5
<b>East North Central Total</b> .....	<b>33.04</b>	<b>33.22</b>	<b>32.36</b>	<b>33.13</b>	<b>32.58</b>	<b>1.7</b>
Illinois.....	29.19	29.48	29.05	29.34	29.12	.7
Indiana.....	30.95	30.12	30.03	30.54	30.08	1.5
Michigan.....	38.88	42.43	38.47	40.18	39.90	.7
Ohio.....	34.04	34.58	32.68	34.33	33.49	2.5
Wisconsin.....	38.25	40.21	40.08	39.26	40.40	-2.8
<b>West North Central Total</b> .....	<b>19.40</b>	<b>18.09</b>	<b>19.09</b>	<b>18.74</b>	<b>18.78</b>	<b>-2</b>
Iowa.....	29.25	26.15	29.41	28.01	27.68	1.2
Kansas.....	32.47	32.01	29.05	32.27	29.97	7.7
Minnesota.....	31.18	34.39	29.31	32.88	31.78	3.5
Missouri.....	29.53	30.43	30.49	30.00	31.24	-4.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	\$25.35	\$28.50	\$23.17	\$26.92	\$24.02	12.1
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	\$44.09	\$43.31	\$45.02	\$43.66	\$44.86	-2.7
Georgia.....	44.49	44.34	44.31	44.41	44.37	.1
Maryland.....	31.62	32.06	33.29	31.85	32.98	-3.4
North Carolina.....	41.67	42.02	42.16	41.87	42.85	-2.3
South Carolina.....	44.66	43.83	44.04	44.22	44.37	-.3
Virginia.....	42.46	42.94	44.39	42.71	44.18	-3.3
West Virginia.....	36.36	48.84	48.55	42.71	47.39	-9.9
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	\$39.94	\$39.71	\$39.95	\$39.83	\$40.29	-1.1
Kentucky.....	43.84	43.28	44.64	43.54	44.16	-1.4
Mississippi.....	w	w	w	w	w	w
Tennessee.....	\$35.83	\$36.11	\$36.16	\$35.98	\$36.73	-2.1
<b>West South Central Total</b> .....	<b>22.28</b>	<b>23.88</b>	<b>22.46</b>	<b>23.10</b>	<b>22.50</b>	<b>2.7</b>
Arkansas.....	42.27	42.25	41.27	42.26	41.30	2.3
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	\$20.34	\$22.53	\$20.76	\$21.45	\$20.59	4.2
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	\$39.35	\$40.24	\$39.59	\$39.83	\$38.93	2.3
Colorado.....	24.69	24.37	25.51	24.52	25.26	-2.9
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.....	\$24.71	\$24.80	\$17.96	\$24.74	\$18.60	33.0
Wyoming.....	24.25	24.16	23.99	24.21	24.13	.3
<b>Pacific Total</b> .....	<b>42.78</b>	<b>41.01</b>	<b>40.06</b>	<b>41.81</b>	<b>43.38</b>	<b>-3.6</b>
Alaska.....	w	w	w	w	w	w
California.....	\$40.26	\$39.54	\$39.86	\$39.86	\$41.38	-3.7
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$31.58</b>	<b>\$32.00</b>	<b>\$31.92</b>	<b>\$31.79</b>	<b>\$32.35</b>	<b>-1.7</b>

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	1,900	2,032	1,905	3,932	3,993	-1.5
312 Beverage and Tobacco Product Mfg.....	116	136	126	252	266	-5.4
313 Textile Mills.....	192	230	206	422	469	-10.1
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.....	2,795	3,092	2,897	5,887	6,159	-4.4
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemicals Manufacturing.....	2,905	2,970	3,013	5,875	6,177	-4.9
326 Plastics and Rubber Products Mfg.....	43	43	43	86	94	-8.5
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w	w	w
332 Fabricated Metal Product Mfg.....	12	83	39	95	120	-20.9
333 Machinery Manufacturing.....	36	63	50	100	141	-29.3
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	107	243	117	349	358	-2.5
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
<b>U.S. Total.....</b>	<b>15,102</b>	<b>15,483</b>	<b>15,885</b>	<b>30,586</b>	<b>31,895</b>	<b>-4.1</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	April - June 1999	January - March 1999	April - June 1998	Percent Difference April - June: 1999 versus 1998
311 Food Manufacturing.....	\$29.87	\$29.23	\$28.92	3.3
312 Beverage and Tobacco Product Mfg.....	43.48	43.21	46.49	-6.5
313 Textile Mills.....	46.94	46.38	47.97	-2.1
315 Apparel Manufacturing.....	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w
322 Paper Manufacturing.....	\$38.65	\$38.90	\$39.39	-1.9
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemicals Manufacturing.....	\$34.04	\$35.61	\$36.42	-6.5
326 Plastics and Rubber Products Mfg.....	31.68	30.65	31.46	.7
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w
332 Fabricated Metal Product Mfg.....	\$52.74	\$46.36	\$45.90	14.9
333 Machinery Manufacturing.....	37.29	40.09	39.23	-4.9
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$37.52	\$40.75	\$38.89	-3.5
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
<b>U.S. Total.....</b>	<b>\$31.58</b>	<b>\$32.00</b>	<b>\$31.92</b>	<b>-1.1</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>10</b>	<b>15</b>	<b>11</b>	<b>26</b>	<b>26</b>	<b>-2.9</b>
Connecticut .....	1	2	1	4	3	10.5
Maine .....	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w
New Hampshire .....	1	2	2	3	3	-12.6
Rhode Island .....	1	1	1	1	2	-4.9
Vermont .....	1	1	*	1	1	14.7
<b>Middle Atlantic Total</b> .....	<b>301</b>	<b>451</b>	<b>257</b>	<b>752</b>	<b>708</b>	<b>6.2</b>
New Jersey.....	w	w	w	w	w	w
New York .....	w	w	w	w	w	w
Pennsylvania .....	249	373	199	622	572	8.7
<b>East North Central Total</b> .....	<b>274</b>	<b>411</b>	<b>315</b>	<b>685</b>	<b>726</b>	<b>-5.6</b>
Illinois .....	59	89	37	148	126	17.1
Indiana.....	79	119	71	198	190	4.1
Michigan .....	38	57	54	94	110	-14.7
Ohio.....	66	99	131	164	230	-28.5
Wisconsin.....	32	49	21	81	70	16.4
<b>West North Central Total</b> .....	<b>201</b>	<b>302</b>	<b>162</b>	<b>503</b>	<b>464</b>	<b>8.5</b>
Iowa.....	75	112	44	187	156	19.4
Kansas .....	*	1	16	1	16	-92.8
Minnesota.....	21	32	31	53	63	-16.1
Missouri .....	53	80	41	133	121	10.2
Nebraska .....	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w
South Dakota .....	*	*	*	*	1	-20.6
<b>South Atlantic Total</b> .....	<b>120</b>	<b>180</b>	<b>161</b>	<b>299</b>	<b>340</b>	<b>-12.0</b>
Delaware .....	w	w	w	w	w	w
District of Columbia.....	8	12	5	20	17	20.1
Florida .....	*	*	*	*	*	-50.3
Georgia.....	3	5	1	8	6	48.4
Maryland.....	11	16	8	27	25	10.6
North Carolina .....	38	58	41	96	99	-2.7
South Carolina .....	*	*	4	*	4	-89.1
Virginia.....	36	55	79	91	134	-31.8
West Virginia.....	21	32	22	53	53	-1.4
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	15	22	9	36	31	18.8
Kentucky .....	71	106	23	177	130	36.5
Mississippi .....	w	w	w	w	w	w
Tennessee.....	26	39	22	65	61	6.6
<b>West South Central Total</b> .....	<b>58</b>	<b>87</b>	<b>*</b>	<b>145</b>	<b>87</b>	<b>66.4</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas .....	*	*	*	*	*	.0
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	*	*	*	*	*	2.1
Colorado.....	13	19	3	32	22	46.5
Idaho .....	6	9	6	15	15	2.8
Montana .....	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w
Utah.....	25	37	19	62	56	10.6
Wyoming.....	28	42	76	70	118	-40.7
<b>Pacific Total</b> .....	<b>127</b>	<b>190</b>	<b>135</b>	<b>317</b>	<b>325</b>	<b>-2.5</b>
Alaska .....	w	w	w	w	w	w
California .....	22	33	35	54	68	-20.1
Hawaii .....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	6	5	11	11	-3.3
<b>U.S. Total</b> .....	<b>1,293</b>	<b>1,939</b>	<b>1,201</b>	<b>3,232</b>	<b>3,140</b>	<b>2.9</b>

\* 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 <sup>1</sup>	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
<b>Total .....</b>	<b>813,508</b>	<b>31,323</b>	<b>74,892</b>	<b>6,221</b>	<b>18,137</b>	<b>944,081</b>
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
<b>Total .....</b>	<b>817,270</b>	<b>31,740</b>	<b>75,179</b>	<b>6,013</b>	<b>21,260</b>	<b>951,461</b>
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
<b>Total .....</b>	<b>829,007</b>	<b>33,011</b>	<b>73,055</b>	<b>5,807</b>	<b>21,158</b>	<b>962,039</b>
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
<b>Total .....</b>	<b>874,681</b>	<b>31,706</b>	<b>70,941</b>	<b>6,006</b>	<b>22,239</b>	<b>1,005,573</b>
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
<b>Total .....</b>	<b>900,361</b>	<b>30,203</b>	<b>70,599</b>	<b>6,463</b>	<b>21,603</b>	<b>1,029,228</b>
1998						
January - March .....	220,433	6,735	18,192	1,939	—	247,299
April - June .....	218,356	7,239	17,000	1,201	—	243,796
July - September .....	252,331	7,172	16,511	1,293	—	277,307
October - December .....	219,746	7,042	17,537	1,939	—	246,265
<b>Total .....</b>	<b>910,867</b>	<b>28,189</b>	<b>69,240</b>	<b>6,372</b>	<sup>E</sup> <b>28,081</b>	<sup>E</sup> <b>1,042,748</b>
1999						
January - March .....	217,281	6,795	17,454	1,939	—	243,469
April - June .....	214,706	7,072	16,442	1,293	—	239,513
<b>Total .....</b>	<b>431,987</b>	<b>13,867</b>	<b>33,896</b>	<b>3,232</b>	—	<b>482,982</b>

<sup>1</sup> Coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.<sup>E</sup> Estimated.

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

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



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

Census Division and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>526</b>	<b>509</b>	<b>1,609</b>	<b>1,035</b>	<b>3,369</b>	<b>-69.3</b>
Connecticut.....	1	2	136	4	346	-98.9
Maine.....	21	20	30	40	75	-45.8
Massachusetts.....	185	138	1,063	323	2,189	-85.2
New Hampshire.....	291	320	352	611	703	-13.0
Rhode Island.....	1	1	1	1	2	-4.9
Vermont.....	27	28	27	55	55	.3
<b>Middle Atlantic Total</b> .....	<b>13,152</b>	<b>17,060</b>	<b>17,082</b>	<b>30,211</b>	<b>34,742</b>	<b>-13.0</b>
New Jersey.....	485	691	481	1,175	975	20.6
New York.....	2,034	3,051	2,992	5,085	6,041	-15.8
Pennsylvania.....	10,633	13,318	13,609	23,951	27,726	-13.6
<b>East North Central Total</b> .....	<b>56,228</b>	<b>56,905</b>	<b>56,753</b>	<b>113,133</b>	<b>114,687</b>	<b>-1.4</b>
Illinois.....	11,046	10,529	10,379	21,576	21,030	2.6
Indiana.....	15,898	16,040	16,196	31,938	32,284	-1.1
Michigan.....	8,959	9,462	9,045	18,421	18,497	-.4
Ohio.....	14,516	14,548	15,095	29,064	30,791	-5.6
Wisconsin.....	5,808	6,325	6,038	12,134	12,086	.4
<b>West North Central Total</b> .....	<b>33,787</b>	<b>35,348</b>	<b>33,818</b>	<b>69,135</b>	<b>69,970</b>	<b>-1.2</b>
Iowa.....	5,513	5,666	5,429	11,179	11,273	-.8
Kansas.....	4,659	4,306	4,450	8,965	8,851	1.3
Minnesota.....	4,516	4,572	4,323	9,089	9,422	-3.5
Missouri.....	8,897	9,317	9,345	18,214	18,633	-2.2
Nebraska.....	2,541	2,619	2,919	5,160	5,760	-10.4
North Dakota.....	7,001	8,181	6,713	15,182	14,772	2.8
South Dakota.....	659	687	639	1,346	1,259	7.0
<b>South Atlantic Total</b> .....	<b>42,546</b>	<b>40,548</b>	<b>43,114</b>	<b>83,094</b>	<b>83,242</b>	<b>-.2</b>
Delaware.....	317	388	489	706	887	-20.5
District of Columbia.....	8	12	5	20	17	20.1
Florida.....	6,565	5,869	7,163	12,434	13,808	-9.9
Georgia.....	8,485	7,244	8,444	15,728	15,243	3.2
Maryland.....	2,651	2,893	2,876	5,544	5,799	-4.4
North Carolina.....	7,170	6,339	7,270	13,509	13,805	-2.1
South Carolina.....	4,067	3,461	3,671	7,528	7,053	6.7
Virginia.....	3,991	4,025	3,865	8,016	7,869	1.9
West Virginia.....	9,291	10,317	9,331	19,609	18,762	4.5
<b>East South Central Total</b> .....	<b>28,031</b>	<b>27,052</b>	<b>27,108</b>	<b>55,083</b>	<b>53,613</b>	<b>2.7</b>
Alabama.....	9,426	8,320	8,931	17,746	17,111	3.7
Kentucky.....	10,931	10,751	9,665	21,682	19,736	9.9
Mississippi.....	1,487	1,247	1,759	2,734	3,048	-10.3
Tennessee.....	6,186	6,735	6,754	12,921	13,719	-5.8
<b>West South Central Total</b> .....	<b>36,065</b>	<b>34,087</b>	<b>36,093</b>	<b>70,152</b>	<b>71,280</b>	<b>-1.6</b>
Arkansas.....	3,658	3,636	3,151	7,294	6,304	15.7
Louisiana.....	2,894	3,019	3,652	5,913	6,929	-14.7
Oklahoma.....	4,506	4,757	5,074	9,263	10,332	-10.3
Texas.....	25,007	22,675	24,216	47,682	47,714	-.1
<b>Mountain Total</b> .....	<b>26,643</b>	<b>29,176</b>	<b>26,032</b>	<b>55,818</b>	<b>55,028</b>	<b>1.4</b>
Arizona.....	4,535	4,499	4,266	9,034	8,548	5.7
Colorado.....	4,238	4,509	4,223	8,747	8,732	.2
Idaho.....	17	184	34	201	180	11.8
Montana.....	2,315	2,780	2,323	5,095	5,018	1.5
Nevada.....	1,535	1,978	1,433	3,513	3,428	2.5
New Mexico.....	3,903	4,235	3,692	8,137	7,347	10.8
Utah.....	3,917	3,897	3,706	7,814	7,873	-.8
Wyoming.....	6,182	7,094	6,356	13,276	13,902	-4.5
<b>Pacific Total</b> .....	<b>2,536</b>	<b>2,784</b>	<b>2,187</b>	<b>5,320</b>	<b>5,165</b>	<b>3.0</b>
Alaska.....	136	195	132	331	341	-2.9
California.....	769	734	723	1,503	1,356	10.8
Hawaii.....	33	41	64	74	107	-31.0
Oregon.....	366	541	225	907	784	15.7
Washington.....	1,232	1,273	1,042	2,505	2,577	-2.8
<b>U.S. Total</b> .....	<b>239,513</b>	<b>243,469</b>	<b>243,796</b>	<b>482,982</b>	<b>491,096</b>	<b>-1.7</b>

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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>462</b>	<b>439</b>	<b>1,533</b>	<b>900</b>	<b>3,198</b>	<b>-71.9</b>
Connecticut .....	-	-	135	-	343	-
Maine .....	-	-	-	-	-	-
Massachusetts .....	172	120	1,047	292	2,156	-86.5
New Hampshire .....	290	318	351	609	699	-13.0
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>9,445</b>	<b>13,267</b>	<b>13,253</b>	<b>22,712</b>	<b>26,850</b>	<b>-15.4</b>
New Jersey.....	482	687	477	1,168	966	21.0
New York.....	1,289	2,314	2,238	3,603	4,484	-19.7
Pennsylvania.....	7,674	10,267	10,539	17,941	21,399	-16.2
<b>East North Central Total</b> .....	<b>49,010</b>	<b>49,282</b>	<b>49,349</b>	<b>98,291</b>	<b>99,615</b>	<b>-1.3</b>
Illinois.....	9,537	8,958	8,771	18,495	17,674	4.6
Indiana.....	13,136	13,302	13,264	26,438	26,561	-5
Michigan.....	7,806	8,194	8,105	16,000	16,515	-3.1
Ohio.....	13,154	13,021	13,594	26,175	27,728	-5.6
Wisconsin.....	5,377	5,807	5,615	11,184	11,138	.4
<b>West North Central Total</b> .....	<b>30,407</b>	<b>31,505</b>	<b>30,543</b>	<b>61,912</b>	<b>62,927</b>	<b>-1.6</b>
Iowa.....	4,703	4,782	4,653	9,485	9,623	-1.4
Kansas.....	4,632	4,284	4,410	8,916	8,779	1.6
Minnesota.....	4,090	4,060	3,944	8,150	8,531	-4.5
Missouri.....	8,545	8,917	9,001	17,462	17,886	-2.4
Nebraska.....	2,469	2,512	2,865	4,981	5,594	-11.0
North Dakota.....	5,425	6,371	5,144	11,796	11,471	2.8
South Dakota.....	543	579	526	1,123	1,045	7.5
<b>South Atlantic Total</b> .....	<b>38,937</b>	<b>36,677</b>	<b>39,260</b>	<b>75,614</b>	<b>75,409</b>	<b>.3</b>
Delaware.....	274	344	440	618	814	-24.1
District of Columbia.....	-	-	-	-	-	-
Florida.....	6,254	5,593	6,826	11,847	13,173	-10.1
Georgia.....	8,004	6,711	7,950	14,715	14,196	3.7
Maryland.....	2,455	2,675	2,694	5,130	5,409	-5.1
North Carolina.....	6,691	5,761	6,740	12,451	12,672	-1.7
South Carolina.....	3,601	2,986	3,178	6,587	6,054	8.8
Virginia.....	3,141	3,122	2,969	6,263	6,009	4.2
West Virginia.....	8,517	9,485	8,463	18,002	17,082	5.4
<b>East South Central Total</b> .....	<b>25,134</b>	<b>24,008</b>	<b>24,047</b>	<b>49,141</b>	<b>47,270</b>	<b>4.0</b>
Alabama.....	8,195	7,127	7,650	15,322	14,517	5.5
Kentucky.....	10,123	9,898	8,828	20,021	17,953	11.5
Mississippi.....	1,444	1,199	1,714	2,643	2,939	-10.1
Tennessee.....	5,372	5,783	5,855	11,155	11,861	-5.9
<b>West South Central Total</b> .....	<b>34,568</b>	<b>32,590</b>	<b>34,602</b>	<b>67,158</b>	<b>68,248</b>	<b>-1.6</b>
Arkansas.....	3,580	3,567	3,083	7,147	6,168	15.9
Louisiana.....	2,885	3,011	3,643	5,896	6,907	-14.6
Oklahoma.....	4,273	4,483	4,881	8,756	9,870	-11.3
Texas.....	23,831	21,528	22,994	45,359	45,303	.1
<b>Mountain Total</b> .....	<b>25,139</b>	<b>27,687</b>	<b>24,483</b>	<b>52,826</b>	<b>51,891</b>	<b>1.8</b>
Arizona.....	4,365	4,323	4,085	8,687	8,203	5.9
Colorado.....	4,060	4,312	4,062	8,372	8,374	*
Idaho.....	-	-	-	-	-	-
Montana.....	2,290	2,719	2,312	5,009	4,952	1.1
Nevada.....	1,474	1,927	1,380	3,401	3,330	2.1
New Mexico.....	3,882	4,217	3,671	8,099	7,310	10.8
Utah.....	3,428	3,603	3,164	7,031	6,901	1.9
Wyoming.....	5,641	6,586	5,809	12,227	12,822	-4.6
<b>Pacific Total</b> .....	<b>1,605</b>	<b>1,828</b>	<b>1,286</b>	<b>3,433</b>	<b>3,382</b>	<b>1.5</b>
Alaska.....	35	44	37	79	95	-16.5
California.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Oregon.....	366	541	225	907	747	21.5
Washington.....	1,204	1,243	1,024	2,447	2,540	-3.7
<b>U.S. Total</b> .....	<b>214,706</b>	<b>217,281</b>	<b>218,356</b>	<b>431,987</b>	<b>438,789</b>	<b>-1.6</b>

\* Rounded to zero.

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

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

**Table 40. Change in Electric Utility Net Generation by State and Census Division, April-June 1999, 1998**  
(Million Kilowatthours)

Census Division and State	Total <sup>1</sup>		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
<b>New England</b> .....	<b>-1,129</b>	<b>-6.7</b>	<b>-626</b>	<b>-13.7</b>	<b>487</b>	<b>10.7</b>	<b>-1,313</b>	<b>-45.2</b>	<b>-143</b>	<b>-9.1</b>	<b>472</b>	<b>15.3</b>
Connecticut.....	-184	-6.2	-276	-44.7	211	12.0	-66	-18.5	5	4.0	-47	154.5
Maine.....	128	14.8	-	-	133	47.4	-	-	-5	-9	*	-
Massachusetts.....	-906	-11.2	-240	-8.1	30	1.4	-1,031	-61.8	-11	-9.9	347	32.6
New Hampshire .....	737	26.5	-110	-11.5	113	44.1	-25	-88.0	-123	-27.5	882	80.6
Rhode Island .....	-191	-22.4	*	-	*	-9.9	-191	-22.4	*	-	-	-
Vermont.....	-714	-55.9	*	-	-1	-33.9	*	-	-8	-2.9	-709	-74.6
<b>Middle Atlantic</b> .....	<b>2,317</b>	<b>3.1</b>	<b>2,215</b>	<b>7.3</b>	<b>2,620</b>	<b>158.6</b>	<b>-421</b>	<b>-6.5</b>	<b>-38</b>	<b>-5</b>	<b>-2,056</b>	<b>-7.4</b>
New Jersey.....	4,417	85.2	123	11.8	79	128.8	136	17.7	-7	25.8	4,086	122.5
New York.....	995	3.9	918	19.5	1,904	157.3	-671	-11.9	-343	-4.7	-810	-11.5
Pennsylvania.....	-3,096	-7.2	1,174	4.8	637	167.8	113	93.0	311	86.5	-5,331	-30.8
<b>East North Central</b> .....	<b>7,306</b>	<b>6.1</b>	<b>5,456</b>	<b>5.7</b>	<b>529</b>	<b>117.1</b>	<b>1,386</b>	<b>85.8</b>	<b>-398</b>	<b>-32.5</b>	<b>329</b>	<b>1.6</b>
Illinois.....	1,086	3.8	-1,442	-8.1	150	187.8	655	67.1	6	150.1	1,717	17.0
Indiana.....	1,983	8.0	1,794	7.4	60	40.4	168	189.5	-38	-24.5	-	-
Michigan.....	-1,708	-7.6	1,371	9.0	240	221.8	420	250.4	-175	-62.4	-3,564	-53.6
Ohio.....	4,002	12.3	3,828	13.3	49	70.0	100	183.5	-34	-27.1	60	1.7
Wisconsin.....	1,941	17.6	-96	-1.0	29	65.4	44	13.5	-156	-23.7	2,117	NM
<b>West North Central</b> .....	<b>3,821</b>	<b>6.5</b>	<b>5,036</b>	<b>11.8</b>	<b>90</b>	<b>31.0</b>	<b>585</b>	<b>69.2</b>	<b>-1,408</b>	<b>-30.0</b>	<b>-485</b>	<b>-4.9</b>
Iowa.....	859	11.6	1,353	22.4	22	89.5	50	73.0	21	10.5	-584	-55.6
Kansas.....	1,803	21.0	1,364	23.8	13	62.2	260	60.1	*	-	166	6.9
Minnesota.....	1,452	16.9	1,070	19.7	-38	-19.9	9	5.4	-18	-7.5	431	17.5
Missouri.....	323	1.9	927	6.5	75	311.5	170	177.5	128	27.1	-984	-38.8
Nebraska.....	678	10.6	118	2.7	14	240.3	77	199.3	-18	-4.0	485	34.1
North Dakota.....	-23	-3	188	3.2	-6	-27.1	*	-166.7	-204	-25.3	-	-
South Dakota.....	-1,271	-36.9	16	1.9	11	NM	19	50.6	-1,317	-51.9	-	-
<b>South Atlantic</b> .....	<b>22,523</b>	<b>15.1</b>	<b>7,540</b>	<b>8.5</b>	<b>7,870</b>	<b>128.0</b>	<b>-842</b>	<b>-7.5</b>	<b>960</b>	<b>25.4</b>	<b>6,995</b>	<b>17.9</b>
Delaware.....	142	9.1	114	12.0	165	94.9	-137	-31.4	-	-	-	-
District of Columbia.....	57	277.5	-	-	57	277.5	-	-	-	-	-	-
Florida.....	7,292	19.5	-361	-2.2	6,213	113.6	-1,576	-16.0	-16	-21.8	3,031	55.9
Georgia.....	3,929	16.3	2,677	17.3	243	NM	490	NM	364	30.8	155	2.1
Maryland.....	1,685	17.6	1,043	17.2	657	346.7	-66	-21.8	242	53.5	-192	-7.5
North Carolina .....	3,339	13.8	1,130	7.0	36	81.7	234	312.0	39	3.2	1,901	27.9
South Carolina .....	3,337	18.1	1,338	19.9	91	199.7	97	171.3	208	33.8	1,603	14.6
Virginia.....	1,733	12.7	623	9.0	387	283.1	114	26.9	113	85.9	496	8.3
West Virginia.....	1,010	4.9	975	4.8	21	56.1	2	25.8	11	8.6	-	-
<b>East South Central</b> .....	<b>4,640</b>	<b>6.0</b>	<b>443</b>	<b>.8</b>	<b>1,785</b>	<b>NM</b>	<b>1,505</b>	<b>112.2</b>	<b>937</b>	<b>14.9</b>	<b>-30</b>	<b>-2</b>
Alabama.....	1,341	5.0	687	4.1	62	228.3	551	359.5	50	1.6	-8	-1
Kentucky.....	-822	-3.7	-1,080	-5.1	9	34.4	143	NM	105	11.4	-	-
Mississippi.....	1,494	21.7	638	21.6	1,535	NM	688	60.4	-	-	-1,368	-50.7
Tennessee.....	2,628	12.0	199	1.5	178	NM	123	NM	782	33.7	1,346	22.4
<b>West South Central</b> .....	<b>13,594</b>	<b>13.2</b>	<b>-1,517</b>	<b>-2.9</b>	<b>37</b>	<b>38.6</b>	<b>14,184</b>	<b>42.9</b>	<b>-474</b>	<b>-18.1</b>	<b>1,365</b>	<b>9.1</b>
Arkansas.....	-762	-7.2	-1,455	-23.3	24	121.9	912	230.9	-24	-2.4	-219	-7.2
Louisiana.....	2,941	20.5	454	8.9	19	44.0	450	6.3	-	-	2,019	97.3
Oklahoma.....	1,580	13.9	187	2.4	*	25.0	1,496	58.1	-103	-11.3	-	-
Texas.....	9,835	14.7	-703	-2.1	-6	-18.7	11,327	49.3	-348	-46.9	-435	-4.4
<b>Mountain</b> .....	<b>711</b>	<b>1.1</b>	<b>2,070</b>	<b>4.8</b>	<b>*</b>	<b>-1</b>	<b>54</b>	<b>2.0</b>	<b>-1,374</b>	<b>-10.4</b>	<b>-37</b>	<b>-5</b>
Arizona.....	-670	-3.5	234	3.0	-3	-12.1	-141	-30.3	-723	-21.2	-37	-5
Colorado.....	173	2.1	316	4.3	4	102.7	102	134.0	-250	-41.2	*	-
Idaho.....	313	8.5	-	-	*	-8.3	*	-	313	8.5	-	-
Montana.....	472	7.6	1,016	39.2	-2	-33.7	8	364.4	-549	-15.2	-	-
Nevada.....	-263	-5.1	-92	-3.1	3	44.1	-162	-11.9	-11	-1.4	-	-
New Mexico.....	-166	-2.2	-405	-6.0	1	18.2	237	31.5	*	.3	-	-
Utah.....	58	.8	82	1.2	2	25.6	10	58.2	-34	-7.9	-	-
Wyoming.....	792	8.8	919	10.8	-6	-31.5	*	-4.6	-120	-21.6	-	-
<b>Pacific</b> .....	<b>-5,367</b>	<b>-7.5</b>	<b>588</b>	<b>45.2</b>	<b>1</b>	<b>5.0</b>	<b>-3,742</b>	<b>-43.6</b>	<b>-5,989</b>	<b>-10.9</b>	<b>4,170</b>	<b>71.7</b>
California.....	2,647	9.7	-	-	-3	-18.1	-4,126	-48.2	3,434	30.1	3,722	63.9
Oregon.....	-974	-7.5	342	-	1	-	376	NM	-1,693	-13.1	*	-
Washington.....	-7,040	-22.2	245	18.9	3	227.6	8	106.1	-7,730	-25.4	448	NM
<b>Pacific Noncontiguous</b> .....	<b>-94</b>	<b>-3.5</b>	<b>-24</b>	<b>-37.9</b>	<b>-33</b>	<b>-2.0</b>	<b>-143</b>	<b>-19.1</b>	<b>106</b>	<b>54.2</b>	<b>-</b>	<b>-</b>
Alaska.....	-73	-6.4	-24	-37.9	-11	-8.4	-143	-19.1	105	54.9	-	-
Hawaii.....	-20	-1.3	-	-	-21	-1.4	-	-	1	26.3	-	-
<b>Total</b> .....	<b>48,321</b>	<b>6.5</b>	<b>21,179</b>	<b>5.1</b>	<b>13,385</b>	<b>88.6</b>	<b>11,253</b>	<b>16.2</b>	<b>-7,820</b>	<b>-8.2</b>	<b>10,722</b>	<b>7.4</b>

<sup>1</sup> 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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,977	1,933	2,141	3,910	4,238	-7.8
<b>East North Central Total</b> .....	3,367	3,245	3,149	6,612	5,973	10.7
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	902	840	951	1,742	1,891	-7.9
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>7,072</b>	<b>6,795</b>	<b>7,239</b>	<b>13,867</b>	<b>13,974</b>	<b>-8</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	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	27	54	54	0.0
<b>Middle Atlantic Total</b> .....	<b>1,429</b>	<b>1,409</b>	<b>1,431</b>	<b>2,838</b>	<b>2,946</b>	<b>-3.7</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	1,053	1,042	1,064	2,094	2,180	-4.0
<b>East North Central Total</b> .....	<b>3,577</b>	<b>3,968</b>	<b>3,940</b>	<b>7,545</b>	<b>8,372</b>	<b>-9.9</b>
Illinois.....	855	923	961	1,778	2,009	-11.5
Indiana.....	1,032	1,032	1,128	2,065	2,382	-13.3
Michigan.....	435	542	536	978	1,180	-17.2
Ohio.....	856	1,000	914	1,856	1,923	-3.5
Wisconsin.....	399	470	402	869	878	-1.0
<b>West North Central Total</b> .....	<b>3,179</b>	<b>3,541</b>	<b>3,113</b>	<b>6,720</b>	<b>6,579</b>	<b>2.1</b>
Iowa.....	735	772	732	1,507	1,494	.9
Kansas.....	27	21	25	48	56	-14.5
Minnesota.....	406	481	348	887	829	6.9
Missouri.....	299	320	303	619	627	-1.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	115	108	113	223	213	4.5
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	311	276	337	587	634	-7.5
Georgia.....	478	528	493	1,005	1,041	-3.5
Maryland.....	185	202	173	387	365	5.9
North Carolina.....	441	521	489	962	1,035	-7.0
South Carolina.....	465	475	490	940	995	-5.5
Virginia.....	558	596	564	1,153	1,223	-5.7
West Virginia.....	372	400	378	772	788	-2.0
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	637	644	661	1,281	1,358	-5.7
Kentucky.....	416	434	473	850	967	-12.1
Mississippi.....	w	w	w	w	w	w
Tennessee.....	788	913	877	1,700	1,796	-5.4
<b>West South Central Total</b> .....	<b>1,439</b>	<b>1,410</b>	<b>1,491</b>	<b>2,849</b>	<b>2,944</b>	<b>-3.3</b>
Arkansas.....	78	69	68	147	137	7.7
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,177	1,146	1,222	2,323	2,412	-3.7
<b>Mountain Total</b> .....	<b>1,224</b>	<b>1,229</b>	<b>1,166</b>	<b>2,453</b>	<b>2,365</b>	<b>3.8</b>
Arizona.....	170	177	181	347	344	.7
Colorado.....	166	177	158	343	336	2.2
Idaho.....	11	175	28	186	165	12.6
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	275	133	247	408	387	5.5
Wyoming.....	513	466	471	979	962	1.8
<b>Pacific Total</b> .....	<b>804</b>	<b>766</b>	<b>766</b>	<b>1,570</b>	<b>1,458</b>	<b>7.7</b>
Alaska.....	w	w	w	w	w	w
California.....	747	702	688	1,449	1,288	12.5
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>16,442</b>	<b>17,454</b>	<b>17,000</b>	<b>33,896</b>	<b>35,192</b>	<b>-3.7</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	1,758	2,228	1,822	3,986	4,040	-1.3
312 Beverage and Tobacco Product Mfg.....	116	141	128	257	274	-6.0
313 Textile Mills.....	192	247	219	439	494	-11.1
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.....	2,903	3,253	3,024	6,155	6,431	-4.3
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemicals Manufacturing.....	2,932	3,032	3,041	5,964	6,259	-4.7
326 Plastics and Rubber Products Mfg.....	42	43	43	85	93	-8.8
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w	w	w
332 Fabricated Metal Product Mfg.....	25	84	50	109	125	-12.8
333 Machinery Manufacturing.....	40	84	48	124	166	-25.5
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	125	247	131	372	386	-3.5
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
<b>U.S. Total.....</b>	<b>15,239</b>	<b>16,251</b>	<b>15,796</b>	<b>31,489</b>	<b>32,785</b>	<b>-4.0</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>10</b>	<b>15</b>	<b>11</b>	<b>26</b>	<b>26</b>	<b>-2.9</b>
Connecticut.....	1	2	1	4	3	10.5
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	1	2	2	3	3	-12.6
Rhode Island.....	1	1	1	1	2	-4.9
Vermont.....	1	1	*	1	1	14.7
<b>Middle Atlantic Total</b> .....	<b>301</b>	<b>451</b>	<b>257</b>	<b>752</b>	<b>708</b>	<b>6.2</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	249	373	199	622	572	8.7
<b>East North Central Total</b> .....	<b>274</b>	<b>411</b>	<b>315</b>	<b>685</b>	<b>726</b>	<b>-5.6</b>
Illinois.....	59	89	37	148	126	17.1
Indiana.....	79	119	71	198	190	4.1
Michigan.....	38	57	54	94	110	-14.7
Ohio.....	66	99	131	164	230	-28.5
Wisconsin.....	32	49	21	81	70	16.4
<b>West North Central Total</b> .....	<b>201</b>	<b>302</b>	<b>162</b>	<b>503</b>	<b>464</b>	<b>8.5</b>
Iowa.....	75	112	44	187	156	19.4
Kansas.....	*	1	16	1	16	-92.8
Minnesota.....	21	32	31	53	63	-16.1
Missouri.....	53	80	41	133	121	10.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	*	1	-20.6
<b>South Atlantic Total</b> .....	<b>120</b>	<b>180</b>	<b>161</b>	<b>299</b>	<b>340</b>	<b>-12.0</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	8	12	5	20	17	20.1
Florida.....	*	*	*	*	*	-50.3
Georgia.....	3	5	1	8	6	48.4
Maryland.....	11	16	8	27	25	10.6
North Carolina.....	38	58	41	96	99	-2.7
South Carolina.....	*	*	4	*	4	-89.1
Virginia.....	36	55	79	91	134	-31.8
West Virginia.....	21	32	22	53	53	-1.4
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	15	22	9	36	31	18.8
Kentucky.....	71	106	23	177	130	36.5
Mississippi.....	w	w	w	w	w	w
Tennessee.....	26	39	22	65	61	6.6
<b>West South Central Total</b> .....	<b>58</b>	<b>87</b>	<b>*</b>	<b>145</b>	<b>87</b>	<b>66.4</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	*	*	*	*	*	.0
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	*	*	*	*	*	2.1
Colorado.....	13	19	3	32	22	46.5
Idaho.....	6	9	6	15	15	2.8
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	25	37	19	62	56	10.6
Wyoming.....	28	42	76	70	118	-40.7
<b>Pacific Total</b> .....	<b>127</b>	<b>190</b>	<b>135</b>	<b>317</b>	<b>325</b>	<b>-2.5</b>
Alaska.....	w	w	w	w	w	w
California.....	22	33	35	54	68	-20.1
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	6	5	11	11	-3.3
<b>U.S. Total</b> .....	<b>1,293</b>	<b>1,939</b>	<b>1,201</b>	<b>3,232</b>	<b>3,140</b>	<b>2.9</b>

\* 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 <sup>1</sup>				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Total		
<b>1993 March 31</b> .....	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
<b>1994 March 31</b> .....	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
<b>1995 March 31</b> .....	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
<b>1996 March 31</b> .....	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
<b>1997 March 31</b> .....	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
<b>1998 March 31</b> .....	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	36,144	164,233
<b>1999 March 31</b> .....	135,732	1,898	4,776	142,405	E 37,938	E 180,343
June 30 .....	142,232	2,075	4,698	149,005	E 43,219	E 192,224

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

<sup>2</sup> Manufacturing plants only.

E Estimated.

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

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

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

Census Division and State	Electric Utilities	Coke Plants	Other Industrial <sup>1</sup>	Total
<b>New England Total</b> .....	<b>407</b>	—	<b>w</b>	<b>473</b>
Connecticut.....	—	—	w	w
Maine.....	—	—	w	w
Massachusetts.....	124	—	w	w
New Hampshire.....	283	—	w	w
Rhode Island.....	—	—	w	w
Vermont.....	—	—	w	w
<b>Middle Atlantic Total</b> .....	<b>9,027</b>	<b>595</b>	<b>w</b>	<b>w</b>
New Jersey.....	757	—	w	w
New York.....	690	w	w	w
Pennsylvania.....	7,580	w	w	8,210
<b>East North Central Total</b> .....	<b>36,603</b>	<b>1,018</b>	<b>1,263</b>	<b>38,884</b>
Illinois.....	6,840	w	240	w
Indiana.....	10,397	w	w	11,176
Michigan.....	8,971	w	477	w
Ohio.....	5,943	w	w	6,170
Wisconsin.....	4,451	—	143	4,594
<b>West North Central Total</b> .....	<b>21,714</b>	—	<b>898</b>	<b>22,612</b>
Iowa.....	3,894	—	458	4,352
Kansas.....	4,339	—	22	4,360
Minnesota.....	2,162	—	151	2,313
Missouri.....	6,863	—	94	6,957
Nebraska.....	2,851	—	w	w
North Dakota.....	1,475	—	w	w
South Dakota.....	130	—	w	w
<b>South Atlantic Total</b> .....	<b>25,324</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	239	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	5,651	—	93	5,744
Georgia.....	4,999	—	117	5,115
Maryland.....	1,254	w	21	w
North Carolina.....	4,533	—	148	4,680
South Carolina.....	2,533	—	168	2,701
Virginia.....	1,170	w	116	w
West Virginia.....	4,945	w	95	w
<b>East South Central Total</b> .....	<b>13,786</b>	<b>296</b>	<b>w</b>	<b>w</b>
Alabama.....	4,168	w	w	4,489
Kentucky.....	5,593	w	74	w
Mississippi.....	1,438	—	w	w
Tennessee.....	2,587	—	245	2,832
<b>West South Central Total</b> .....	<b>21,448</b>	—	<b>411</b>	<b>21,859</b>
Arkansas.....	1,678	—	18	1,696
Louisiana.....	3,266	—	23	3,288
Oklahoma.....	4,823	—	136	4,959
Texas.....	11,682	—	235	11,916
<b>Mountain Total</b> .....	<b>12,410</b>	<b>w</b>	<b>332</b>	<b>w</b>
Arizona.....	2,594	—	67	2,662
Colorado.....	3,631	—	25	3,656
Idaho.....	—	—	129	129
Montana.....	315	—	w	w
Nevada.....	1,120	—	w	w
New Mexico.....	831	—	w	w
Utah.....	2,704	w	4	w
Wyoming.....	1,215	—	90	1,304
<b>Pacific Total</b> .....	<b>1,513</b>	—	<b>213</b>	<b>1,726</b>
Alaska.....	—	—	—	—
California.....	—	—	153	153
Hawaii.....	—	—	w	w
Oregon.....	482	—	w	w
Washington.....	1,030	—	w	w
<b>U.S. Total</b> .....	<b>142,232</b>	<b>2,075</b>	<b>4,698</b>	<b>149,005</b>

<sup>1</sup> 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	June 30, 1999	March 31, 1999	June 30, 1998	Percent Difference June 30: 1999 versus 1998
<b>New England Total</b> .....	<b>407</b>	<b>583</b>	<b>1,113</b>	<b>-63.4</b>
Connecticut.....	-	169	175	-
Maine.....	-	-	-	-
Massachusetts.....	124	129	694	-82.1
New Hampshire.....	283	285	244	16.1
Rhode Island .....	-	-	-	-
Vermont.....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>9,027</b>	<b>9,960</b>	<b>9,573</b>	<b>-5.7</b>
New Jersey.....	757	665	690	9.7
New York.....	690	832	812	-15.0
Pennsylvania.....	7,580	8,464	8,071	-6.1
<b>East North Central Total</b> .....	<b>36,603</b>	<b>34,792</b>	<b>32,316</b>	<b>13.3</b>
Illinois.....	6,840	7,292	6,637	3.1
Indiana.....	10,397	9,156	7,612	36.6
Michigan.....	8,971	8,293	8,646	3.8
Ohio.....	5,943	5,841	5,223	13.8
Wisconsin.....	4,451	4,211	4,197	6.0
<b>West North Central Total</b> .....	<b>21,714</b>	<b>20,092</b>	<b>15,721</b>	<b>38.1</b>
Iowa.....	3,894	3,721	2,602	49.7
Kansas.....	4,339	3,938	2,873	51.0
Minnesota.....	2,162	2,053	1,878	15.1
Missouri.....	6,863	6,092	4,655	47.4
Nebraska.....	2,851	2,567	1,829	55.9
North Dakota.....	1,475	1,538	1,697	-13.1
South Dakota.....	130	182	187	-30.5
<b>South Atlantic Total</b> .....	<b>25,324</b>	<b>25,063</b>	<b>20,803</b>	<b>21.7</b>
Delaware.....	239	272	236	1.1
District of Columbia .....	-	-	-	-
Florida.....	5,651	5,715	4,465	26.6
Georgia.....	4,999	4,782	3,036	64.6
Maryland.....	1,254	1,101	1,272	-1.3
North Carolina.....	4,533	4,609	3,386	33.9
South Carolina.....	2,533	3,129	2,500	1.3
Virginia.....	1,170	1,278	1,139	2.8
West Virginia.....	4,945	4,177	4,770	3.7
<b>East South Central Total</b> .....	<b>13,786</b>	<b>13,046</b>	<b>11,786</b>	<b>17.0</b>
Alabama.....	4,168	3,733	3,716	12.1
Kentucky.....	5,593	5,623	5,310	5.3
Mississippi.....	1,438	1,251	733	96.2
Tennessee.....	2,587	2,439	2,028	27.6
<b>West South Central Total</b> .....	<b>21,448</b>	<b>19,480</b>	<b>13,158</b>	<b>63.0</b>
Arkansas.....	1,678	1,981	1,373	22.2
Louisiana.....	3,266	2,687	1,236	164.2
Oklahoma.....	4,823	4,318	2,787	73.0
Texas.....	11,682	10,494	7,762	50.5
<b>Mountain Total</b> .....	<b>12,410</b>	<b>11,536</b>	<b>11,849</b>	<b>4.7</b>
Arizona.....	2,594	2,071	2,272	14.2
Colorado.....	3,631	3,161	2,960	22.7
Idaho.....	-	-	-	-
Montana.....	315	291	417	-24.5
Nevada.....	1,120	1,205	838	33.7
New Mexico.....	831	817	810	2.6
Utah.....	2,704	2,682	2,977	-9.2
Wyoming.....	1,215	1,310	1,576	-22.9
<b>Pacific Total</b> .....	<b>1,513</b>	<b>1,178</b>	<b>1,439</b>	<b>5.1</b>
Alaska.....	-	-	*	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	482	353	283	70.5
Washington.....	1,030	825	1,156	-10.8
<b>U.S. Total</b> .....	<b>142,232</b>	<b>135,732</b>	<b>117,758</b>	<b>20.8</b>

\* Rounded to zero.

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

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

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

Census Division	June 30, 1999	March 31, 1999	June 30, 1998	Percent Difference June 30: 1999 versus 1998
Middle Atlantic Total .....	595	580	559	6.4
East North Central Total .....	1,018	872	1,016	.2
South Atlantic Total .....	w	w	w	w
East South Central Total .....	296	313	298	-.7
Mountain Total .....	w	w	w	w
<b>U.S. Total .....</b>	<b>2,075</b>	<b>1,898</b>	<b>1,995</b>	<b>4.0</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	June 30, 1999	March 31, 1999	June 30, 1998	Percent Difference June 30: 1999 versus 1998
<b>New England Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>304</b>	<b>w</b>	<b>w</b>	<b>w</b>
New Jersey.....	w	w	w	w
New York.....	w	w	w	w
Pennsylvania.....	w	w	w	w
<b>East North Central Total</b> .....	<b>1,263</b>	<b>1,263</b>	<b>1,265</b>	<b>-0.1</b>
Illinois.....	240	241	235	2.2
Indiana.....	275	261	314	-12.4
Michigan.....	477	426	403	18.4
Ohio.....	128	145	152	-16.0
Wisconsin.....	143	190	161	-10.8
<b>West North Central Total</b> .....	<b>898</b>	<b>818</b>	<b>847</b>	<b>6.0</b>
Iowa.....	458	313	447	2.5
Kansas.....	22	20	16	38.7
Minnesota.....	151	201	168	-10.1
Missouri.....	94	111	133	-29.1
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	29	32	19	48.6
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w
District of Columbia.....	-	-	-	-
Florida.....	93	139	122	-23.9
Georgia.....	117	127	142	-17.7
Maryland.....	21	22	15	33.5
North Carolina.....	148	163	138	7.2
South Carolina.....	168	212	174	-3.3
Virginia.....	116	124	124	-5.9
West Virginia.....	95	102	114	-16.8
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	121	142	179	-32.3
Kentucky.....	74	84	65	14.9
Mississippi.....	w	w	w	w
Tennessee.....	245	221	222	10.2
<b>West South Central Total</b> .....	<b>411</b>	<b>436</b>	<b>331</b>	<b>24.4</b>
Arkansas.....	18	23	26	-29.4
Louisiana.....	w	w	w	w
Oklahoma.....	w	w	w	w
Texas.....	235	264	174	34.6
<b>Mountain Total</b> .....	<b>332</b>	<b>255</b>	<b>283</b>	<b>17.2</b>
Arizona.....	67	78	52	30.1
Colorado.....	25	25	20	24.0
Idaho.....	129	50	117	10.2
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	4	5	5	-25.5
Wyoming.....	90	74	68	30.8
<b>Pacific Total</b> .....	<b>213</b>	<b>293</b>	<b>255</b>	<b>-16.2</b>
Alaska.....	w	w	w	w
California.....	153	242	200	-23.1
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	w	w	w
<b>U.S. Total</b> .....	<b>4,698</b>	<b>4,776</b>	<b>4,614</b>	<b>1.8</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	June 30, 1999	March 31, 1999	June 30, 1998	Percent Difference June 30: 1999 versus 1998
311 Food Manufacturing .....	701	531	679	3.3
312 Beverage and Tobacco Product Mfg .....	21	21	25	-16.2
313 Textile Mills .....	89	91	89	.3
315 Apparel Manufacturing .....	w	w	w	w
316 Leather and Allied Product Mfg .....	-	-	-	-
321 Wood Product Manufacturing .....	w	w	w	w
322 Paper Manufacturing .....	866	953	811	6.8
323 Printing and Related Support .....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemicals Manufacturing .....	875	874	738	18.6
326 Plastics and Rubber Products Mfg .....	6	4	5	14.3
327 Nonmetallic Mineral Products Mfg .....	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w
332 Fabricated Metal Product Mfg .....	18	45	31	-41.4
333 Machinery Manufacturing .....	41	32	45	-8.1
334 Computer and Electronic Product Mfg .....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg .....	w	w	w	w
336 Transportation Equipment Mfg .....	33	48	44	-24.6
337 Furniture and Related Product Mfg .....	w	w	w	w
339 Miscellaneous Manufacturing .....	w	w	w	w
<b>U.S. Total .....</b>	<b>4,698</b>	<b>4,776</b>	<b>4,614</b>	<b>1.8</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	June 30, 1999	March 31, 1999	June 30, 1998	Percent Difference June 30: 1999 versus 1998
<b>Middle Atlantic Total .....</b>	<b>172</b>	<b>191</b>	<b>167</b>	<b>2.8</b>
<b>East North Central Total .....</b>	<b>555</b>	<b>568</b>	<b>571</b>	<b>-2.8</b>
<b>South Atlantic Total .....</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>East South Central Total .....</b>	<b>125</b>	<b>136</b>	<b>168</b>	<b>-25.3</b>
<b>Mountain Total .....</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>U.S. Total .....</b>	<b>1,129</b>	<b>1,171</b>	<b>1,075</b>	<b>5.1</b>
<b>Coke Total .....</b>	<b>990</b>	<b>1,020</b>	<b>886</b>	<b>11.7</b>
<b>Breeze Total .....</b>	<b>140</b>	<b>151</b>	<b>189</b>	<b>-26.0</b>

<sup>w</sup> 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	<b>8,181</b>	<b>\$30.87</b>
1994.....	2,225	30.54	1,747	29.05	2,568	31.22	2,329	31.55	<b>8,870</b>	<b>30.71</b>
1995.....	2,101	33.60	2,138	35.32	2,487	33.31	2,748	34.09	<b>9,473</b>	<b>34.05</b>
1996.....	1,968	34.26	1,688	33.07	2,423	33.56	2,036	34.15	<b>8,115</b>	<b>33.78</b>
1997.....	1,331	33.85	1,708	35.26	2,222	33.69	2,226	34.49	<b>7,487</b>	<b>34.32</b>
1998.....	1,839	33.98	2,193	31.43	2,145	32.38	2,547	31.38	<b>8,724</b>	<b>32.18</b>
1999.....	2,248	30.86	2,098	30.06	NA	NA	NA	NA	<b>4,346</b>	<b>30.47</b>

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
<b>Quantity</b>								
<b>1993</b> .....	100	1,509	4,517	708	–	1,307	39	<b>8,181</b>
<b>1994</b> .....	92	1,540	4,126	1,130	–	1,786	196	<b>8,870</b>
<b>1995</b> .....	212	1,916	4,210	1,018	–	2,041	76	<b>9,473</b>
<b>1996</b> .....	165	1,738	3,027	1,535	–	1,641	10	<b>8,115</b>
<b>1997</b> .....	116	1,212	3,117	1,426	–	1,514	103	<b>7,487</b>
<b>1998</b>								
January - March .....	32	131	659	246	–	767	5	<b>1,839</b>
April - June .....	–	298	844	403	–	646	2	<b>2,193</b>
July - September .....	28	368	850	344	–	510	45	<b>2,145</b>
October - December .....	33	369	1,125	421	–	560	39	<b>2,547</b>
<b>Total</b> .....	<b>93</b>	<b>1,166</b>	<b>3,478</b>	<b>1,414</b>	–	<b>2,482</b>	<b>91</b>	<b>8,724</b>
<b>1999</b>								
January - March .....	94	100	1,200	248	–	514	91	<b>2,248</b>
April - June .....	28	278	886	431	–	457	18	<b>2,098</b>
<b>Total</b> .....	<b>122</b>	<b>378</b>	<b>2,086</b>	<b>678</b>	–	<b>972</b>	<b>110</b>	<b>4,346</b>
<b>Average Price</b>								
<b>1993</b> .....	\$31.56	\$33.48	\$27.91	\$42.70	–	\$29.12	\$24.17	<b>\$30.42</b>
<b>1994</b> .....	30.02	32.57	28.39	33.80	–	32.09	28.97	<b>30.53</b>
<b>1995</b> .....	30.99	35.47	31.26	35.13	–	34.70	42.44	<b>33.27</b>
<b>1996</b> .....	33.41	35.11	31.90	32.45	–	30.87	33.43	<b>32.37</b>
<b>1997</b> .....	33.47	36.80	32.11	32.82	–	33.26	49.12	<b>33.25</b>
<b>1998</b>								
January - March .....	31.35	33.66	33.01	38.77	–	32.36	42.03	<b>33.54</b>
April - June .....	–	33.83	30.42	32.87	–	29.48	–	<b>31.04</b>
July - September .....	32.08	35.91	30.91	32.10	–	30.12	–	<b>31.76</b>
October - December .....	32.25	36.69	30.98	33.79	–	32.27	35.95	<b>32.57</b>
<b>Total</b> .....	<b>31.89</b>	<b>35.40</b>	<b>31.21</b>	<b>34.13</b>	–	<b>31.09</b>	<b>36.29</b>	<b>32.19</b>
<b>1999</b>								
January - March .....	23.55	28.84	30.08	38.43	–	32.22	31.84	<b>31.19</b>
April - June .....	32.20	35.72	31.12	46.43	–	32.42	22.88	<b>33.18</b>
<b>Total</b> .....	<b>25.54</b>	<b>33.93</b>	<b>30.52</b>	<b>41.02</b>	–	<b>32.30</b>	<b>30.32</b>	<b>32.05</b>

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

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

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

Customs District	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>2,097,723</b>	<b>2,247,859</b>	<b>2,192,506</b>	<b>4,345,582</b>	<b>4,031,500</b>	<b>7.8</b>
<b>Exporting Country: Australia</b>						
Tampa, FL.....	—	62,914	—	62,914	—	—
Honolulu, HI.....	28,065	31,108	—	59,173	31,523	87.7
<b>Total</b> .....	<b>28,065</b>	<b>94,022</b>	<b>—</b>	<b>122,087</b>	<b>31,523</b>	<b>287.3</b>
<b>Exporting Country: Canada</b>						
Chicago, IL.....	—	—	33,746	—	33,746	—
Detroit, MI.....	89,813	7,885	63,314	97,698	98,128	-0.4
Duluth, MN.....	5,240	1,518	—	6,758	—	—
Great Falls, MT.....	90,079	9,370	—	99,449	—	—
Pembina, ND.....	46,966	62,499	175,340	109,465	244,854	-55.3
Buffalo, NY.....	33	—	—	33	—	—
Seattle, WA.....	45,622	18,629	25,354	64,251	52,485	22.4
<b>Total</b> .....	<b>277,753</b>	<b>99,901</b>	<b>297,754</b>	<b>377,654</b>	<b>429,213</b>	<b>-12.0</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL.....	188,779	380,398	197,953	569,177	197,953	187.5
Tampa, FL.....	261,583	413,227	298,011	674,810	641,016	5.3
New Orleans, LA.....	4,973	—	—	4,973	—	—
Boston, MA.....	267,994	169,592	180,737	437,586	385,437	13.5
New York City, NY.....	47,579	154,656	50,324	202,235	127,895	58.1
Portland, OR.....	—	—	6,992	—	6,992	—
San Juan, PR.....	55,557	53,132	53,749	108,689	81,042	34.1
Houston-Galveston, TX.....	—	—	—	—	6,068	—
Virgin Islands.....	59,373	29,378	56,444	88,751	56,444	57.2
<b>Total</b> .....	<b>885,838</b>	<b>1,200,383</b>	<b>844,210</b>	<b>2,086,221</b>	<b>1,502,847</b>	<b>38.8</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI.....	118,773	174,398	179,822	293,171	351,633	-16.6
New Orleans, LA.....	311,753	73,482	223,471	385,235	297,307	29.6
<b>Total</b> .....	<b>430,526</b>	<b>247,880</b>	<b>403,293</b>	<b>678,406</b>	<b>648,940</b>	<b>4.5</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL.....	54,309	119,689	158,898	173,998	256,164	-32.1
Miami, FL.....	—	—	45,093	—	90,381	—
Tampa, FL.....	—	—	42,452	—	42,452	—
Savannah, GA.....	153,300	100,196	63,824	253,496	139,885	81.2
New Orleans, LA.....	—	—	—	—	79,765	—
Boston, MA.....	105,865	153,309	47,497	259,174	308,716	-16.0
Portland, ME.....	128,832	113,924	116,021	242,756	150,702	61.1
New York City, NY.....	14,793	27,291	54,518	42,084	134,314	-68.7
Philadelphia, PA.....	—	—	—	—	64,354	—
San Juan, PR.....	—	—	—	—	28,385	—
Houston-Galveston, TX.....	—	—	117,290	—	117,290	—
<b>Total</b> .....	<b>457,099</b>	<b>514,409</b>	<b>645,593</b>	<b>971,508</b>	<b>1,412,408</b>	<b>-31.2</b>
<b>Other Exporting Countries</b>						
New Orleans, LA.....	—	73,284	—	73,284	—	—
Detroit, MI.....	118	—	—	118	—	—
Buffalo, NY.....	861	1,084	—	1,945	1,847	5.3
New York City, NY.....	233	—	—	233	25	NM
Philadelphia, PA.....	945	—	—	945	—	—
San Juan, PR.....	186	—	437	186	2,663	-93.0
Laredo, TX.....	15,085	15,798	694	30,883	694	NM
Milwaukee, WI.....	1,014	1,098	525	2,112	1,340	57.6
<b>Total</b> .....	<b>18,442</b>	<b>91,264</b>	<b>1,656</b>	<b>109,706</b>	<b>6,569</b>	<b>NM</b>

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	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>Total</b> .....	<b>\$33.18</b>	<b>\$31.19</b>	<b>\$31.04</b>	<b>\$32.05</b>	<b>\$32.18</b>	<b>-0.4</b>
<b>Exporting Country: Australia</b>						
Tampa, FL .....	-	\$20.36	-	\$20.36	-	-
Honolulu, HI .....	\$32.20	30.02	-	31.05	\$31.35	-0.9
<b>Total</b> .....	<b>32.20</b>	<b>23.55</b>	<b>-</b>	<b>25.54</b>	<b>31.35</b>	<b>-18.5</b>
<b>Exporting Country: Canada</b>						
Chicago, IL .....	-	-	\$48.32	-	\$48.32	-
Detroit, MI .....	\$40.45	\$39.34	46.76	\$40.36	45.11	-10.5
Great Falls, MT .....	37.57	35.30	-	37.36	-	-
Pembina, ND .....	26.00	26.02	26.13	26.01	27.13	-4.1
Seattle, WA .....	30.19	29.34	30.71	29.90	30.53	-2.1
<b>Total</b> .....	<b>35.72</b>	<b>28.84</b>	<b>33.83</b>	<b>33.93</b>	<b>33.78</b>	<b>.4</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL .....	\$24.71	\$24.99	\$27.36	\$24.89	\$27.36	-9.0
Tampa, FL .....	29.87	30.80	30.90	30.44	31.23	-2.5
Boston, MA .....	36.02	33.84	30.97	35.17	32.93	6.8
New York City, NY .....	33.55	35.30	33.89	34.89	33.65	3.7
Portland, OR .....	-	-	49.45	-	49.45	-
San Juan, PR .....	33.38	33.38	32.87	33.38	34.44	-3.1
Houston-Galveston, TX .....	-	-	-	-	34.47	-
Virgin Islands .....	30.85	30.59	29.03	30.77	29.03	6.0
<b>Total</b> .....	<b>31.12</b>	<b>30.08</b>	<b>30.42</b>	<b>30.52</b>	<b>31.55</b>	<b>-3.3</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI .....	\$46.43	\$44.76	\$45.48	\$45.43	\$45.43	*
New Orleans, LA .....	-	23.41	22.73	23.41	22.90	2.2
<b>Total</b> .....	<b>46.43</b>	<b>38.43</b>	<b>32.87</b>	<b>41.02</b>	<b>35.10</b>	<b>16.9</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL .....	\$28.32	\$28.32	\$28.37	\$28.32	\$28.40	-0.3
Miami, FL .....	-	-	36.30	-	36.30	-
Tampa, FL .....	-	-	37.60	-	37.60	-
Savannah, GA .....	-	-	20.38	-	21.51	-
New Orleans, LA .....	-	-	-	-	27.22	-
Boston, MA .....	39.24	36.50	32.32	37.62	36.43	3.3
Portland, ME .....	28.41	30.28	28.07	29.28	29.98	-2.3
New York City, NY .....	33.64	33.31	33.87	33.42	33.69	-8
Philadelphia, PA .....	-	-	-	-	31.49	-
San Juan, PR .....	-	-	-	-	29.94	-
Houston-Galveston, TX .....	-	-	28.57	-	28.57	-
<b>Total</b> .....	<b>32.42</b>	<b>32.22</b>	<b>29.48</b>	<b>32.30</b>	<b>31.05</b>	<b>4.1</b>
<b>Other Exporting Countries</b>						
New Orleans, LA .....	-	\$31.65	-	\$31.65	-	-
San Juan, PR .....	-	-	-	-	\$42.03	-
Laredo, TX .....	\$22.88	-	-	22.88	-	-
Milwaukee, WI .....	-	49.83	-	49.83	-	-
<b>Total</b> .....	<b>22.88</b>	<b>31.84</b>	<b>-</b>	<b>30.32</b>	<b>42.03</b>	<b>-27.8</b>

\* Rounded to zero.

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

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

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

Company and Plant	April - June 1999	January - March 1999	April - June 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>1,142,259</b>	<b>1,296,888</b>	<b>1,257,325</b>	<b>2,439,147</b>	<b>2,675,565</b>	<b>-8.8</b>
<b>Exporting Country: Australia</b>						
Jacksonville Electric Authority, St Johns River	-	62,910	-	62,910	-	-
<b>Total</b> .....	<b>-</b>	<b>62,910</b>	<b>-</b>	<b>62,910</b>	<b>-</b>	<b>-</b>
<b>Exporting Country: Colombia</b>						
Alabama Power Co (SC), Barry .....	113,062	-	-	113,062	-	-
Central Hudson Gas & Electric, Danskammer	-	-	-	-	34,800	-
Central Power and Light (CSW), Coletto Creek	-	-	23,720	-	23,720	-
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce .....	-	-	-	-	24,000	-
Gulf Power, Crist.....	-	-	43,616	-	43,616	-
Jacksonville Electric Authority, St Johns River	268,320	406,420	296,820	674,740	656,090	2.8
Mississippi Power (Southern Co), Watson.....	105,600	116,960	-	222,560	-	-
Mississippi Power (Southern Co), Daniel .....	-	61,750	-	61,750	-	-
New England Power (NEES), Brayton Point.....	-	-	71,400	-	222,800	-
New England Power (NEES), Salem Harbor.....	-	-	87,500	-	164,200	-
Public Serv Co of New Hampshire, Schiller .....	-	-	-	-	34,680	-
<b>Total</b> .....	<b>486,982</b>	<b>585,130</b>	<b>523,056</b>	<b>1,072,112</b>	<b>1,203,906</b>	<b>-10.9</b>
<b>Exporting Country: Indonesia</b>						
Tampa Electric, Davant Transfer.....	156,058	-	223,472	156,058	297,307	-47.5
<b>Total</b> .....	<b>156,058</b>	<b>-</b>	<b>223,472</b>	<b>156,058</b>	<b>297,307</b>	<b>-47.5</b>
<b>Exporting Country: Venezuela</b>						
Central Hudson Gas & Electric, Danskammer	102,700	182,500	104,900	285,200	227,500	25.4
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce .....	-	-	9,000	-	9,000	-
Florida Power Corp, IMT Transfer.....	-	60,794	18,547	60,794	79,764	-23.8
Gulf Power, Crist.....	46,700	60,984	52,778	107,684	106,958	.7
Lakeland Dept of Elec Wtr Utils, Plant	-	-	-	-	-	-
3-Mcintosh.....	-	-	6,000	-	6,000	-
Mississippi Power (Southern Co), Watson.....	-	15,560	51,070	15,560	64,670	-75.9
New England Power (NEES), Brayton Point.....	-	-	33,500	-	152,700	-
New England Power (NEES), Salem Harbor.....	-	-	53,800	-	154,700	-
Public Serv Co of New Hampshire, Schiller .....	118,833	113,924	73,827	232,757	147,733	57.6
Public Serv Electric & Gas Co, Mercer.....	-	-	-	-	39,000	-
Savannah Electric and Power, Port Wentworth	153,299	106,604	71,375	259,903	150,327	72.9
Tampa Electric, Davant Transfer.....	77,687	73,482	-	151,169	-	-
United Illuminating Co, Bridgeport Harbor .....	-	35,000	36,000	-	36,000	-2.8
<b>Total</b> .....	<b>499,219</b>	<b>648,848</b>	<b>510,797</b>	<b>1,148,067</b>	<b>1,174,352</b>	<b>-2.2</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Alabama Power Co (SC), Barry</b>						
<b>Colombia</b>						
1999						
April - June.....	113.1	11,769	0.57	3.88	184.4	43.40
<b>Total</b> .....	<b>113.1</b>	<b>11,769</b>	<b>.57</b>	<b>3.88</b>	<b>184.4</b>	<b>43.40</b>
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>Colombia</b>						
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
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>Indonesia</b>						
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
<b>Total</b> .....	<b>302.5</b>	<b>9,485</b>	<b>.09</b>	<b>.86</b>	<b>187.6</b>	<b>35.58</b>
<b>Company and Plant: Carolina Power and Light, Sutton</b>						
<b>Colombia</b>						
1994.....	26.6	12,200	0.70	9.00	145.5	35.50
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>Colombia</b>						
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
<b>Total</b> .....	<b>34.8</b>	<b>13,309</b>	<b>.62</b>	<b>7.38</b>	<b>169.8</b>	<b>45.20</b>
<b>Venezuela</b>						
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
<b>Total</b> .....	<b>558.8</b>	<b>13,055</b>	<b>.63</b>	<b>7.06</b>	<b>167.1</b>	<b>43.63</b>
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
<b>Total</b> .....	<b>285.2</b>	<b>12,912</b>	<b>.66</b>	<b>6.85</b>	<b>159.9</b>	<b>41.29</b>
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>Colombia</b>						
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
<b>Total</b> .....	<b>24.0</b>	<b>11,600</b>	<b>.33</b>	<b>3.80</b>	<b>200.6</b>	<b>46.54</b>
<b>Venezuela</b>						
1998						
April - June.....	9.0	12,855	.70	6.00	185.8	47.77
July - September.....	34.0	12,000	.70	6.00	185.6	44.55
<b>Total</b> .....	<b>43.0</b>	<b>12,179</b>	<b>.70</b>	<b>6.00</b>	<b>185.7</b>	<b>45.22</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>Colombia</b>						
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
<b>1998</b>						
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
<b>Total</b> .....	<b>60.1</b>	<b>12,760</b>	<b>.66</b>	<b>6.60</b>	<b>171.0</b>	<b>43.65</b>
<b>Venezuela</b>						
1998						
October - December.....	42.5	12,344	.73	9.20	164.8	40.69
<b>Total</b> .....	<b>42.5</b>	<b>12,344</b>	<b>.73</b>	<b>9.20</b>	<b>164.8</b>	<b>40.69</b>
<b>Company and Plant: Delmarva Power &amp; Light, Edgemoor</b>						
<b>Colombia</b>						
1994.....	22.0	12,370	0.58	5.98	168.2	41.61
<b>Company and Plant: Delmarva Power and Light, Indian River</b>						
<b>Colombia</b>						
1995.....	7.1	13,141	0.75	7.07	180.3	47.39
<b>Company and Plant: Detroit Edison Co, River Rouge</b>						
<b>Canada</b>						
1994.....	57.0	11,005	0.23	10.28	149.9	32.99
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>Venezuela</b>						
1994.....	84.4	12,778	0.64	6.50	156.3	39.93
<b>1998</b>						
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
<b>Total</b> .....	<b>79.8</b>	<b>12,968</b>	<b>.73</b>	<b>5.67</b>	<b>166.9</b>	<b>43.30</b>
<b>1999</b>						
January - March.....	60.8	12,843	.73	6.23	187.6	48.20
<b>Total</b> .....	<b>60.8</b>	<b>12,843</b>	<b>.73</b>	<b>6.23</b>	<b>187.6</b>	<b>48.20</b>
<b>Company and Plant: Gulf Power, Crist</b>						
<b>Colombia</b>						
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
<b>1998</b>						
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
<b>Total</b> .....	<b>321.4</b>	<b>12,349</b>	<b>.65</b>	<b>5.25</b>	<b>150.4</b>	<b>37.15</b>
<b>Venezuela</b>						
1993.....	234.8	12,992	.59	6.11	172.2	44.75
1994.....	283.4	12,252	1.03	6.28	216.9	53.15
1995.....	776.7	12,363	.92	6.29	230.9	57.09
1996.....	205.9	12,224	.95	5.90	230.6	56.37
<b>1998</b>						
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
<b>Total</b> .....	<b>112.4</b>	<b>12,602</b>	<b>.81</b>	<b>6.74</b>	<b>147.2</b>	<b>37.10</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Crist</b>						
<b>Venezuela</b>						
1999						
January - March.....	61.0	12,619	0.68	6.62	146.5	36.97
April - June.....	46.7	12,663	.67	6.60	146.4	37.08
<b>Total</b> .....	<b>107.7</b>	<b>12,638</b>	<b>.67</b>	<b>6.61</b>	<b>146.4</b>	<b>37.01</b>
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>Colombia</b>						
1993.....	7.5	12,170	0.62	7.50	164.4	40.01
<b>Venezuela</b>						
1993.....	16.0	12,958	.58	6.10	170.6	44.20
<b>Company and Plant: Gulf Power, Smith</b>						
<b>Colombia</b>						
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
<b>South Africa</b>						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
<b>Venezuela</b>						
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
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>Indonesia</b>						
1994.....	7.9	12,651	0.43	3.30	195.4	49.44
<b>Company and Plant: Jacksonville Electric Authority, St Johns River</b>						
<b>Australia</b>						
1999						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
<b>Total</b> .....	<b>62.9</b>	<b>11,506</b>	<b>.67</b>	<b>11.80</b>	<b>124.2</b>	<b>28.58</b>
<b>Colombia</b>						
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
<b>1998</b>						
January - March.....	359.3	11,802	.65	7.13	149.0	35.16
April - June.....	296.8	11,796	.61	6.83	147.2	34.72
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
<b>Total</b> .....	<b>1,587.9</b>	<b>11,821</b>	<b>.66</b>	<b>6.84</b>	<b>145.1</b>	<b>34.30</b>
<b>1999</b>						
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
<b>Total</b> .....	<b>674.7</b>	<b>11,808</b>	<b>.66</b>	<b>7.26</b>	<b>147.0</b>	<b>34.72</b>
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>Venezuela</b>						
1998						
April - June.....	6.0	12,941	0.62	5.70	175.2	45.35

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>Venezuela</b>						
<b>1998</b>						
July - September.....	37.0	12,941	0.62	5.70	175.8	45.50
<b>Total.....</b>	<b>43.0</b>	<b>12,941</b>	<b>.62</b>	<b>5.70</b>	<b>175.7</b>	<b>45.48</b>
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>Colombia</b>						
<b>1999</b>						
January - March.....	61.8	11,385	0.43	6.10	156.6	35.66
<b>Total.....</b>	<b>61.8</b>	<b>11,385</b>	<b>.43</b>	<b>6.10</b>	<b>156.6</b>	<b>35.66</b>
<b>Indonesia</b>						
<b>1993.....</b>						
	67.5	9,745	.08	1.23	168.9	32.92
<b>Company and Plant: Mississippi Power (Southern Co), Watson</b>						
<b>Colombia</b>						
<b>1999</b>						
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
<b>Total.....</b>	<b>222.6</b>	<b>11,838</b>	<b>.48</b>	<b>4.14</b>	<b>147.1</b>	<b>34.83</b>
<b>Venezuela</b>						
<b>1998</b>						
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
<b>Total.....</b>	<b>173.7</b>	<b>12,586</b>	<b>.75</b>	<b>6.94</b>	<b>140.4</b>	<b>35.35</b>
<b>1999</b>						
January - March.....	15.6	12,165	.75	7.60	142.5	34.67
<b>Total.....</b>	<b>15.6</b>	<b>12,165</b>	<b>.75</b>	<b>7.60</b>	<b>142.5</b>	<b>34.67</b>
<b>Company and Plant: New England Power (NEES), Brayton Point</b>						
<b>Colombia</b>						
<b>1993.....</b>						
	187.2	12,144	0.64	5.42	178.5	43.35
<b>1994.....</b>	<b>51.3</b>	<b>12,131</b>	<b>.65</b>	<b>5.60</b>	<b>172.2</b>	<b>41.78</b>
<b>1995.....</b>	<b>307.8</b>	<b>12,218</b>	<b>.60</b>	<b>5.22</b>	<b>164.6</b>	<b>40.23</b>
<b>1996.....</b>	<b>427.5</b>	<b>12,014</b>	<b>.59</b>	<b>5.52</b>	<b>168.0</b>	<b>40.35</b>
<b>1997.....</b>	<b>668.5</b>	<b>12,119</b>	<b>.64</b>	<b>5.79</b>	<b>165.6</b>	<b>40.14</b>
<b>1998</b>						
January - March.....	151.4	12,123	.64	6.25	162.3	39.36
April - June.....	71.4	12,128	.64	5.65	159.8	38.77
July - September.....	40.2	12,127	.61	6.31	160.6	38.94
<b>Total.....</b>	<b>263.0</b>	<b>12,125</b>	<b>.64</b>	<b>6.10</b>	<b>161.4</b>	<b>39.14</b>
<b>Venezuela</b>						
<b>1993.....</b>						
	239.9	13,132	.71	7.83	162.5	42.67
<b>1994.....</b>	<b>351.2</b>	<b>12,955</b>	<b>.71</b>	<b>7.03</b>	<b>154.2</b>	<b>39.95</b>
<b>1995.....</b>	<b>510.6</b>	<b>12,788</b>	<b>.69</b>	<b>7.03</b>	<b>160.0</b>	<b>40.92</b>
<b>1996.....</b>	<b>572.4</b>	<b>12,937</b>	<b>.67</b>	<b>6.29</b>	<b>162.4</b>	<b>42.01</b>
<b>1997.....</b>	<b>292.5</b>	<b>13,122</b>	<b>.68</b>	<b>6.35</b>	<b>165.2</b>	<b>43.36</b>
<b>1998</b>						
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
<b>Total.....</b>	<b>209.5</b>	<b>13,149</b>	<b>.65</b>	<b>7.73</b>	<b>152.0</b>	<b>39.98</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: New England Power (NEES), Salem Harbor</b>						
<b>Colombia</b>						
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
<b>Total</b> .....	<b>204.1</b>	<b>12,105</b>	<b>.60</b>	<b>5.46</b>	<b>180.8</b>	<b>43.77</b>
<b>Venezuela</b>						
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
<b>Total</b> .....	<b>262.1</b>	<b>12,946</b>	<b>.71</b>	<b>5.59</b>	<b>153.2</b>	<b>39.68</b>
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>Indonesia</b>						
1993.....	11.1	9,242	0.13	1.35	104.8	19.38
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>Colombia</b>						
1995.....	11.5	11,578	0.53	3.80	192.9	44.67
<b>Indonesia</b>						
1993.....	21.2	12,620	.49	3.80	186.5	47.07
1997.....	40.8	12,300	.49	4.50	190.7	46.92
<b>Venezuela</b>						
1993.....	24.9	12,920	.58	6.00	163.2	42.17
1996.....	39.9	12,370	.39	3.70	213.2	52.75
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>Colombia</b>						
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
<b>Total</b> .....	<b>34.7</b>	<b>13,188</b>	<b>.64</b>	<b>5.50</b>	<b>172.8</b>	<b>45.58</b>
<b>Indonesia</b>						
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
<b>Venezuela</b>						
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>Venezuela</b>						
<b>1998</b>						
January - March.....	73.9	13,161	0.65	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
<b>Total.....</b>	<b>331.4</b>	<b>12,914</b>	<b>.65</b>	<b>5.72</b>	<b>148.1</b>	<b>38.25</b>
<b>1999</b>						
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
<b>Total.....</b>	<b>232.8</b>	<b>12,997</b>	<b>.67</b>	<b>5.75</b>	<b>145.8</b>	<b>37.90</b>
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>Venezuela</b>						
<b>1998</b>						
January - March.....	39.0	12,998	0.68	5.50	155.3	40.37
<b>Total.....</b>	<b>39.0</b>	<b>12,998</b>	<b>.68</b>	<b>5.50</b>	<b>155.3</b>	<b>40.37</b>
<b>Company and Plant: Public Serv Electric &amp; Gas-NJ, Hudson</b>						
<b>Colombia</b>						
<b>1994.....</b>						
	22.5	12,870	0.68	6.90	166.9	42.96
<b>Company and Plant: Savannah Electric and Power, Port Wentworth</b>						
<b>Colombia</b>						
<b>1994.....</b>						
	11.9	11,235	0.69	5.87	214.1	48.12
<b>Venezuela</b>						
<b>1994.....</b>						
	16.8	12,575	1.12	8.60	168.0	42.25
<b>1996.....</b>						
	209.9	12,143	1.08	6.71	152.8	37.11
<b>1997.....</b>						
	279.1	11,949	1.28	7.72	135.1	32.29
<b>1998</b>						
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
<b>Total.....</b>	<b>414.5</b>	<b>12,492</b>	<b>1.01</b>	<b>7.19</b>	<b>144.6</b>	<b>36.14</b>
<b>1999</b>						
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
<b>Total.....</b>	<b>259.9</b>	<b>12,657</b>	<b>.73</b>	<b>7.41</b>	<b>137.3</b>	<b>34.75</b>
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>Canada</b>						
<b>1993.....</b>						
	29.2	10,036	0.48	12.60	179.5	36.03
<b>1994.....</b>						
	6.3	9,806	.48	12.80	178.0	34.91
<b>1995.....</b>						
	23.8	10,066	.47	13.14	166.0	33.42
<b>1996.....</b>						
	18.0	9,861	.44	12.97	174.6	34.44
<b>1997.....</b>						
	9.6	10,144	.43	12.25	171.4	34.79
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>Colombia</b>						
<b>1993.....</b>						
	222.2	10,844	0.62	7.63	166.6	36.13
<b>Indonesia</b>						
<b>1994.....</b>						
	147.2	9,871	.09	1.10	143.0	28.24
<b>1995.....</b>						
	348.9	9,696	.31	1.16	143.8	27.88
<b>1996.....</b>						
	807.8	9,655	.29	1.48	149.7	28.91

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>Indonesia</b>						
1997.....	741.3	9,614	0.35	1.44	162.7	31.29
<b>1998</b>						
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
<b>Total.....</b>	<b>597.0</b>	<b>9,515</b>	<b>.21</b>	<b>1.09</b>	<b>157.1</b>	<b>29.89</b>
<b>1999</b>						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
<b>Total.....</b>	<b>156.1</b>	<b>9,393</b>	<b>.14</b>	<b>1.00</b>	<b>130.4</b>	<b>24.50</b>
<b>Venezuela</b>						
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
<b>1999</b>						
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
<b>Total.....</b>	<b>151.2</b>	<b>9,373</b>	<b>.18</b>	<b>6.70</b>	<b>146.6</b>	<b>27.47</b>
<b>Company and Plant: United Illuminating Co, Bridgeport Harbor</b>						
<b>Venezuela</b>						
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
<b>1998</b>						
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
<b>Total.....</b>	<b>106.0</b>	<b>13,084</b>	<b>.60</b>	<b>5.47</b>	<b>171.0</b>	<b>44.75</b>
<b>1999</b>						
January - March.....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total.....</b>	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Total of U.S. Electric Utility Plants</b>						
<b>Australia</b>						
<b>1999</b>						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
<b>Total.....</b>	<b>62.9</b>	<b>11,506</b>	<b>.67</b>	<b>11.80</b>	<b>124.2</b>	<b>28.58</b>
<b>Canada</b>						
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
<b>Colombia</b>						
1993.....	3,585.1	11,867	.66	6.85	149.0	35.37
1994.....	2,971.8	11,997	.66	6.76	142.7	34.25
1995.....	2,040.1	11,985	.65	6.83	153.9	36.89
1996.....	2,079.9	11,883	.64	7.04	155.7	37.01
1997.....	2,744.4	12,026	.70	6.71	158.8	38.18
<b>1998</b>						
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
<b>Total.....</b>	<b>2,530.1</b>	<b>12,002</b>	<b>.65</b>	<b>6.40</b>	<b>152.4</b>	<b>36.57</b>
<b>1999</b>						
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
<b>Total.....</b>	<b>1,072.1</b>	<b>11,786</b>	<b>.60</b>	<b>6.19</b>	<b>151.5</b>	<b>35.71</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>Indonesia</b>						
1993.....	115.8	10,620	0.22	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
<b>1998</b>						
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
<b>Total.....</b>	<b>899.5</b>	<b>9,505</b>	<b>.17</b>	<b>1.01</b>	<b>167.3</b>	<b>31.80</b>
<b>1999</b>						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
<b>Total.....</b>	<b>156.1</b>	<b>9,393</b>	<b>.14</b>	<b>1.00</b>	<b>130.4</b>	<b>24.50</b>
<b>South Africa</b>						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
<b>Venezuela</b>						
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
<b>1998</b>						
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
<b>Total.....</b>	<b>2,376.6</b>	<b>12,846</b>	<b>.73</b>	<b>6.65</b>	<b>155.5</b>	<b>39.95</b>
<b>1999</b>						
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
<b>Total.....</b>	<b>1,148.1</b>	<b>12,385</b>	<b>.62</b>	<b>6.63</b>	<b>150.6</b>	<b>37.32</b>

<sup>1</sup> Data reported on quality of coal as received.

<sup>2</sup> 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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Alabama Power Co (SC), Barry</b>						
<b>1993</b>						
Alabama .....	840.1	12,212	0.93	11.60	211.7	51.71
<b>Total .....</b>	<b>840.1</b>	<b>12,212</b>	<b>.93</b>	<b>11.60</b>	<b>211.7</b>	<b>51.71</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>2,011.9</b>	<b>12,305</b>	<b>.87</b>	<b>10.58</b>	<b>187.0</b>	<b>46.01</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,690.6</b>	<b>12,414</b>	<b>.90</b>	<b>9.43</b>	<b>187.6</b>	<b>46.57</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>2,200.3</b>	<b>12,197</b>	<b>.75</b>	<b>10.47</b>	<b>185.4</b>	<b>45.22</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>3,147.4</b>	<b>12,148</b>	<b>.78</b>	<b>10.77</b>	<b>183.3</b>	<b>44.52</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>3,318.0</b>	<b>12,240</b>	<b>.72</b>	<b>11.97</b>	<b>197.1</b>	<b>48.25</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>977.4</b>	<b>12,117</b>	<b>.68</b>	<b>12.53</b>	<b>208.3</b>	<b>50.48</b>
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
<b>Total .....</b>	<b>1,166.6</b>	<b>12,083</b>	<b>.72</b>	<b>12.61</b>	<b>204.0</b>	<b>49.29</b>
<b>Year to Date</b>						
Alabama .....	1,971.3	12,118	.70	13.27	205.9	49.91
Illinois .....	59.6	12,073	.91	6.04	245.9	59.38
Colombia .....	113.1	11,769	.57	3.88	184.4	43.40
<b>Total .....</b>	<b>2,144.0</b>	<b>12,099</b>	<b>.70</b>	<b>12.57</b>	<b>205.9</b>	<b>49.83</b>
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>2,648.0</b>	<b>12,747</b>	<b>.68</b>	<b>8.73</b>	<b>155.2</b>	<b>39.56</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>3,481.0</b>	<b>12,587</b>	<b>.68</b>	<b>10.20</b>	<b>150.3</b>	<b>37.85</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>3,454.0</b>	<b>12,608</b>	<b>.69</b>	<b>10.15</b>	<b>147.5</b>	<b>37.19</b>
<b>1996</b>						
Kentucky .....	611.0	13,080	.74	7.09	150.9	39.48
West Virginia .....	3,254.0	12,437	.68	11.34	142.2	35.37
<b>Total .....</b>	<b>3,865.0</b>	<b>12,539</b>	<b>.69</b>	<b>10.66</b>	<b>143.6</b>	<b>36.02</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>1997</b>						
Kentucky.....	485.0	13,051	0.75	6.84	147.3	38.45
West Virginia.....	2,871.0	12,512	.67	11.37	140.9	35.27
<b>Total</b> .....	<b>3,356.0</b>	<b>12,590</b>	<b>.68</b>	<b>10.71</b>	<b>141.9</b>	<b>35.73</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>3,255.0</b>	<b>12,614</b>	<b>.70</b>	<b>10.77</b>	<b>139.9</b>	<b>35.29</b>
<b>1999</b>						
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
<b>Total</b> .....	<b>986.0</b>	<b>12,578</b>	<b>.69</b>	<b>11.71</b>	<b>138.5</b>	<b>34.83</b>
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
<b>Total</b> .....	<b>1,032.0</b>	<b>12,599</b>	<b>.71</b>	<b>11.44</b>	<b>139.1</b>	<b>35.05</b>
<b>Year to Date</b>						
Kentucky.....	182.0	13,007	.71	7.32	140.3	36.49
West Virginia.....	1,836.0	12,547	.70	12.00	138.6	34.79
<b>Total</b> .....	<b>2,018.0</b>	<b>12,589</b>	<b>.70</b>	<b>11.57</b>	<b>138.8</b>	<b>34.94</b>
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>1993</b>						
Wyoming.....	5,701.1	8,332	0.43	5.27	151.9	25.31
<b>Total</b> .....	<b>5,701.1</b>	<b>8,332</b>	<b>.43</b>	<b>5.27</b>	<b>151.9</b>	<b>25.31</b>
<b>1994</b>						
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
<b>Total</b> .....	<b>5,794.6</b>	<b>8,502</b>	<b>.35</b>	<b>4.84</b>	<b>152.8</b>	<b>25.97</b>
<b>1995</b>						
Wyoming.....	5,844.5	8,469	.35	4.99	157.6	26.69
<b>Total</b> .....	<b>5,844.5</b>	<b>8,469</b>	<b>.35</b>	<b>4.99</b>	<b>157.6</b>	<b>26.69</b>
<b>1996</b>						
Wyoming.....	5,394.2	8,500	.41	5.18	161.1	27.38
<b>Total</b> .....	<b>5,394.2</b>	<b>8,500</b>	<b>.41</b>	<b>5.18</b>	<b>161.1</b>	<b>27.38</b>
<b>1997</b>						
Wyoming.....	5,762.0	8,467	.45	5.27	154.9	26.23
<b>Total</b> .....	<b>5,762.0</b>	<b>8,467</b>	<b>.45</b>	<b>5.27</b>	<b>154.9</b>	<b>26.23</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>6,730.5</b>	<b>8,501</b>	<b>.43</b>	<b>5.21</b>	<b>148.1</b>	<b>25.18</b>
<b>1999</b>						
January - March						
Wyoming.....	1,803.8	8,346	.47	5.85	143.9	24.02
<b>Total</b> .....	<b>1,803.8</b>	<b>8,346</b>	<b>.47</b>	<b>5.85</b>	<b>143.9</b>	<b>24.02</b>
April - June						
Wyoming.....	1,857.3	8,324	.46	5.68	144.2	24.00
<b>Total</b> .....	<b>1,857.3</b>	<b>8,324</b>	<b>.46</b>	<b>5.68</b>	<b>144.2</b>	<b>24.00</b>
<b>Year to Date</b>						
Wyoming.....	3,661.1	8,334	.47	5.76	144.0	24.01
<b>Total</b> .....	<b>3,661.1</b>	<b>8,334</b>	<b>.47</b>	<b>5.76</b>	<b>144.0</b>	<b>24.01</b>
<b>Company and Plant: Carolina Power and Light, Sutton</b>						
<b>1993</b>						
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
<b>Total</b> .....	<b>623.5</b>	<b>12,590</b>	<b>1.00</b>	<b>9.27</b>	<b>160.4</b>	<b>40.39</b>
<b>1994</b>						
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Carolina Power and Light, Sutton</b>						
<b>1994</b>						
Colombia.....	26.6	12,200	0.70	9.00	145.5	35.50
<b>Total</b> .....	<b>571.7</b>	<b>12,576</b>	<b>1.03</b>	<b>9.97</b>	<b>162.3</b>	<b>40.82</b>
<b>1995</b>						
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
<b>Total</b> .....	<b>627.9</b>	<b>12,609</b>	<b>.98</b>	<b>9.29</b>	<b>153.6</b>	<b>38.74</b>
<b>1996</b>						
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
<b>Total</b> .....	<b>1,058.5</b>	<b>12,343</b>	<b>1.00</b>	<b>10.53</b>	<b>153.1</b>	<b>37.80</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>789.9</b>	<b>12,473</b>	<b>1.08</b>	<b>10.53</b>	<b>149.1</b>	<b>37.20</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>1,305.6</b>	<b>12,478</b>	<b>.99</b>	<b>10.88</b>	<b>148.6</b>	<b>37.07</b>
<b>1999</b>						
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
<b>Total</b> .....	<b>285.8</b>	<b>12,532</b>	<b>.98</b>	<b>11.18</b>	<b>155.8</b>	<b>39.05</b>
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
<b>Total</b> .....	<b>240.5</b>	<b>12,875</b>	<b>.92</b>	<b>9.06</b>	<b>154.9</b>	<b>39.88</b>
<b>Year to Date</b>						
Kentucky.....	165.3	12,641	1.08	9.08	146.1	36.94
West Virginia.....	361.0	12,711	.90	10.73	159.6	40.56
<b>Total</b> .....	<b>526.3</b>	<b>12,689</b>	<b>.95</b>	<b>10.21</b>	<b>155.4</b>	<b>39.43</b>
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>1993</b>						
West Virginia.....	693.0	13,097	0.62	7.55	184.7	48.38
<b>Total</b> .....	<b>693.0</b>	<b>13,097</b>	<b>.62</b>	<b>7.55</b>	<b>184.7</b>	<b>48.38</b>
<b>1994</b>						
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
<b>Total</b> .....	<b>768.2</b>	<b>13,084</b>	<b>.62</b>	<b>7.72</b>	<b>190.8</b>	<b>49.93</b>
<b>1995</b>						
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
<b>Total</b> .....	<b>629.5</b>	<b>12,995</b>	<b>.62</b>	<b>8.05</b>	<b>197.3</b>	<b>51.28</b>
<b>1996</b>						
Kentucky.....	462.4	12,822	.65	8.55	193.2	49.55
West Virginia.....	351.4	13,061	.68	7.86	200.5	52.38
<b>Total</b> .....	<b>813.8</b>	<b>12,925</b>	<b>.66</b>	<b>8.25</b>	<b>196.4</b>	<b>50.77</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>815.9</b>	<b>13,131</b>	<b>.64</b>	<b>7.14</b>	<b>174.6</b>	<b>45.85</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>990.4</b>	<b>13,012</b>	<b>.64</b>	<b>7.63</b>	<b>168.0</b>	<b>43.72</b>
<b>1999</b>						
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
<b>Total</b> .....	<b>259.4</b>	<b>12,919</b>	<b>.65</b>	<b>7.46</b>	<b>164.0</b>	<b>42.38</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>1999</b>						
April - June						
Kentucky.....	38.6	13,199	0.69	8.13	163.5	43.16
Venezuela.....	102.7	12,868	.67	6.34	158.3	40.74
<b>Total.....</b>	<b>141.3</b>	<b>12,959</b>	<b>.67</b>	<b>6.83</b>	<b>159.7</b>	<b>41.40</b>
<b>Year to Date</b>						
Kentucky.....	115.5	12,984	.66	8.18	168.9	43.87
Venezuela.....	285.2	12,912	.66	6.85	159.9	41.29
<b>Total.....</b>	<b>400.7</b>	<b>12,933</b>	<b>.66</b>	<b>7.24</b>	<b>162.5</b>	<b>42.03</b>
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>1993</b>						
Wyoming.....	5,286.0	8,423	0.33	5.22	118.2	19.92
<b>Total.....</b>	<b>5,286.0</b>	<b>8,423</b>	<b>.33</b>	<b>5.22</b>	<b>118.2</b>	<b>19.92</b>
<b>1994</b>						
Wyoming.....	4,606.0	8,406	.34	5.42	112.9	18.98
<b>Total.....</b>	<b>4,606.0</b>	<b>8,406</b>	<b>.34</b>	<b>5.42</b>	<b>112.9</b>	<b>18.98</b>
<b>1995</b>						
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
<b>Total.....</b>	<b>5,346.0</b>	<b>8,418</b>	<b>.36</b>	<b>5.83</b>	<b>111.3</b>	<b>18.74</b>
<b>1996</b>						
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
<b>Total.....</b>	<b>5,499.0</b>	<b>8,338</b>	<b>.35</b>	<b>6.11</b>	<b>101.9</b>	<b>16.99</b>
<b>1997</b>						
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
<b>Total.....</b>	<b>4,854.0</b>	<b>8,399</b>	<b>.36</b>	<b>5.96</b>	<b>98.9</b>	<b>16.61</b>
<b>1998</b>						
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
<b>Total.....</b>	<b>5,462.0</b>	<b>8,415</b>	<b>.34</b>	<b>5.94</b>	<b>98.7</b>	<b>16.62</b>
<b>1999</b>						
January - March						
Wyoming.....	1,777.0	8,609	.34	5.84	97.8	16.85
<b>Total.....</b>	<b>1,777.0</b>	<b>8,609</b>	<b>.34</b>	<b>5.84</b>	<b>97.8</b>	<b>16.85</b>
April - June						
Wyoming.....	1,823.0	8,383	.35	5.77	96.1	16.11
<b>Total.....</b>	<b>1,823.0</b>	<b>8,383</b>	<b>.35</b>	<b>5.77</b>	<b>96.1</b>	<b>16.11</b>
<b>Year to Date</b>						
Wyoming.....	3,600.0	8,495	.35	5.80	97.0	16.47
<b>Total.....</b>	<b>3,600.0</b>	<b>8,495</b>	<b>.35</b>	<b>5.80</b>	<b>97.0</b>	<b>16.47</b>
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>1993</b>						
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
<b>Total.....</b>	<b>1,900.5</b>	<b>10,676</b>	<b>.41</b>	<b>6.56</b>	<b>199.1</b>	<b>42.51</b>
<b>1994</b>						
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
<b>Total.....</b>	<b>1,818.3</b>	<b>10,858</b>	<b>.42</b>	<b>6.63</b>	<b>195.0</b>	<b>42.35</b>
<b>1995</b>						
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
<b>Total.....</b>	<b>1,844.1</b>	<b>10,941</b>	<b>.41</b>	<b>6.81</b>	<b>168.9</b>	<b>36.95</b>
<b>1996</b>						
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
<b>Total.....</b>	<b>2,011.6</b>	<b>10,296</b>	<b>.38</b>	<b>5.77</b>	<b>134.5</b>	<b>27.70</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>1997</b>						
Colorado.....	1,517.0	10,281	0.38	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
<b>Total .....</b>	<b>1,795.4</b>	<b>10,081</b>	<b>.40</b>	<b>5.96</b>	<b>135.9</b>	<b>27.39</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>2,498.6</b>	<b>9,818</b>	<b>.37</b>	<b>5.65</b>	<b>139.4</b>	<b>27.37</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>728.3</b>	<b>9,570</b>	<b>.30</b>	<b>5.29</b>	<b>140.1</b>	<b>26.82</b>
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
<b>Total .....</b>	<b>661.1</b>	<b>10,045</b>	<b>.35</b>	<b>5.87</b>	<b>141.9</b>	<b>28.51</b>
<b>Year to Date</b>						
Colorado.....	763.0	10,714	.41	6.31	144.1	30.88
Wyoming.....	626.4	8,677	.22	4.65	136.3	23.65
<b>Total .....</b>	<b>1,389.4</b>	<b>9,796</b>	<b>.32</b>	<b>5.56</b>	<b>141.0</b>	<b>27.62</b>
<b>Company and Plant: Delmarva Power &amp; Light, Edgemoor</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>442.5</b>	<b>13,188</b>	<b>.83</b>	<b>8.36</b>	<b>187.7</b>	<b>49.50</b>
<b>1994</b>						
Kentucky.....	7.0	12,991	.57	6.53	165.3	42.95
Maryland.....	13.3	13,070	.74	6.23	168.2	43.97
Virginia.....	28.6	12,995	.88	8.72	164.7	42.80
West Virginia.....	604.3	13,074	.79	8.74	157.9	41.29
Colombia.....	22.0	12,370	.58	5.98	168.2	41.61
<b>Total .....</b>	<b>675.2</b>	<b>13,046</b>	<b>.78</b>	<b>8.58</b>	<b>158.8</b>	<b>41.44</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>471.1</b>	<b>12,978</b>	<b>.78</b>	<b>9.10</b>	<b>162.8</b>	<b>42.25</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>502.0</b>	<b>12,886</b>	<b>.76</b>	<b>9.69</b>	<b>160.2</b>	<b>41.29</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>505.2</b>	<b>12,877</b>	<b>.79</b>	<b>9.81</b>	<b>159.4</b>	<b>41.05</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>537.7</b>	<b>12,670</b>	<b>.73</b>	<b>10.27</b>	<b>158.9</b>	<b>40.27</b>
<b>1999</b>						
January - March						
West Virginia.....	46.6	12,492	.75	11.94	157.5	39.35
<b>Total .....</b>	<b>46.6</b>	<b>12,492</b>	<b>.75</b>	<b>11.94</b>	<b>157.5</b>	<b>39.35</b>
April - June						
West Virginia.....	56.0	12,250	.72	13.50	157.8	38.67
<b>Total .....</b>	<b>56.0</b>	<b>12,250</b>	<b>.72</b>	<b>13.50</b>	<b>157.8</b>	<b>38.67</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Delmarva Power &amp; Light, Edgemoor</b>						
<b>1999</b>						
<b>Year to Date</b>						
West Virginia .....	102.6	12,360	0.73	12.79	157.7	38.98
<b>Total .....</b>	<b>102.6</b>	<b>12,360</b>	<b>.73</b>	<b>12.79</b>	<b>157.7</b>	<b>38.98</b>
<b>Company and Plant: Delmarva Power and Light, Indian River</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,565.9</b>	<b>12,981</b>	<b>.97</b>	<b>9.28</b>	<b>163.6</b>	<b>42.48</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,608.3</b>	<b>12,915</b>	<b>.98</b>	<b>9.31</b>	<b>163.4</b>	<b>42.21</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,249.2</b>	<b>13,126</b>	<b>1.08</b>	<b>8.36</b>	<b>161.1</b>	<b>42.28</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,242.9</b>	<b>13,074</b>	<b>1.11</b>	<b>8.33</b>	<b>159.1</b>	<b>41.60</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,177.1</b>	<b>13,142</b>	<b>1.08</b>	<b>8.16</b>	<b>156.2</b>	<b>41.05</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>1,206.2</b>	<b>13,092</b>	<b>1.09</b>	<b>8.34</b>	<b>155.2</b>	<b>40.63</b>
<b>1999</b>						
<b>January - March</b>						
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
<b>Total .....</b>	<b>99.5</b>	<b>13,136</b>	<b>1.17</b>	<b>7.92</b>	<b>152.7</b>	<b>40.12</b>
<b>April - June</b>						
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
<b>Total .....</b>	<b>184.6</b>	<b>13,212</b>	<b>1.24</b>	<b>7.72</b>	<b>152.0</b>	<b>40.18</b>
<b>Year to Date</b>						
Maryland .....	37.5	13,059	1.49	9.32	146.0	38.13
Pennsylvania .....	164.6	13,273	1.40	6.54	143.5	38.09
Virginia .....	38.1	13,648	.76	6.04	179.3	48.95
West Virginia .....	44.0	12,568	.69	12.66	167.1	42.00
<b>Total .....</b>	<b>284.1</b>	<b>13,186</b>	<b>1.21</b>	<b>7.79</b>	<b>152.3</b>	<b>40.16</b>
<b>Company and Plant: Detroit Edison Co, River Rouge</b>						
<b>1993</b>						
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Detroit Edison Co, River Rouge</b>						
<b>1993</b>						
Virginia .....	10.0	13,583	0.81	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
<b>Total .....</b>	<b>1,258.0</b>	<b>11,335</b>	<b>.61</b>	<b>8.53</b>	<b>149.6</b>	<b>33.91</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,271.0</b>	<b>11,499</b>	<b>.60</b>	<b>9.29</b>	<b>154.0</b>	<b>35.41</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,290.0</b>	<b>10,691</b>	<b>.51</b>	<b>7.95</b>	<b>138.4</b>	<b>29.58</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,321.0</b>	<b>10,688</b>	<b>.56</b>	<b>7.87</b>	<b>132.4</b>	<b>28.31</b>
<b>1997</b>						
Kentucky .....	347.0	12,800	.83	8.49	144.6	37.03
Pennsylvania .....	20.0	13,246	1.56	6.60	123.3	32.66
West Virginia .....	342.0	12,199	.85	12.62	142.9	34.86
Wyoming .....	675.0	8,789	.30	5.01	102.9	18.09
<b>Total .....</b>	<b>1,384.0</b>	<b>10,702</b>	<b>.59</b>	<b>7.79</b>	<b>127.1</b>	<b>27.19</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>1,583.0</b>	<b>10,734</b>	<b>.62</b>	<b>6.49</b>	<b>117.9</b>	<b>25.31</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>432.0</b>	<b>10,362</b>	<b>.69</b>	<b>5.65</b>	<b>115.8</b>	<b>24.01</b>
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
<b>Total .....</b>	<b>320.0</b>	<b>10,700</b>	<b>.76</b>	<b>5.69</b>	<b>115.3</b>	<b>24.68</b>
<b>Year to Date</b>						
Kentucky .....	20.0	13,013	1.05	7.50	133.2	34.67
Pennsylvania .....	273.0	13,240	1.44	6.62	128.4	33.99
Wyoming .....	459.0	8,770	.28	5.02	103.0	18.07
<b>Total .....</b>	<b>752.0</b>	<b>10,506</b>	<b>.72</b>	<b>5.67</b>	<b>115.6</b>	<b>24.29</b>
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>996.4</b>	<b>12,507</b>	<b>.79</b>	<b>9.26</b>	<b>167.8</b>	<b>41.98</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,420.1</b>	<b>12,507</b>	<b>.77</b>	<b>9.41</b>	<b>175.8</b>	<b>43.97</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,285.8</b>	<b>12,498</b>	<b>.75</b>	<b>9.21</b>	<b>171.9</b>	<b>42.97</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>1996</b>						
Kentucky .....	985.4	12,582	0.68	8.63	166.8	41.96
West Virginia.....	969.8	12,571	.70	9.94	174.9	43.97
<b>Total .....</b>	<b>1,955.2</b>	<b>12,576</b>	<b>.69</b>	<b>9.28</b>	<b>170.8</b>	<b>42.96</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>2,009.6</b>	<b>12,526</b>	<b>.68</b>	<b>9.79</b>	<b>173.2</b>	<b>43.39</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>2,058.8</b>	<b>12,526</b>	<b>.69</b>	<b>9.65</b>	<b>172.2</b>	<b>43.13</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>596.9</b>	<b>12,583</b>	<b>.71</b>	<b>9.16</b>	<b>172.0</b>	<b>43.29</b>
April - June						
Kentucky.....	181.3	12,746	.65	8.31	165.1	42.08
West Virginia.....	293.6	12,558	.72	10.28	171.2	42.99
<b>Total .....</b>	<b>474.9</b>	<b>12,630</b>	<b>.69</b>	<b>9.52</b>	<b>168.8</b>	<b>42.65</b>
<b>Year to Date</b>						
Kentucky.....	429.9	12,682	.68	8.53	166.9	42.32
West Virginia.....	581.1	12,521	.71	10.23	171.6	42.97
Venezuela.....	60.8	12,843	.73	6.23	187.6	48.20
<b>Total .....</b>	<b>1,071.8</b>	<b>12,604</b>	<b>.70</b>	<b>9.32</b>	<b>170.6</b>	<b>43.01</b>
<b>Company and Plant: Gulf Power, Crist</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>2,145.9</b>	<b>12,124</b>	<b>2.10</b>	<b>7.72</b>	<b>176.7</b>	<b>42.85</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,904.4</b>	<b>11,964</b>	<b>1.95</b>	<b>7.31</b>	<b>179.8</b>	<b>43.02</b>
<b>1995</b>						
Illinois .....	796.8	12,346	.95	6.34	228.4	56.40
Venezuela.....	776.7	12,363	.92	6.29	230.9	57.09
<b>Total .....</b>	<b>1,573.6</b>	<b>12,354</b>	<b>.93</b>	<b>6.31</b>	<b>229.6</b>	<b>56.74</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,471.4</b>	<b>12,138</b>	<b>1.08</b>	<b>6.25</b>	<b>224.6</b>	<b>54.52</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,707.8</b>	<b>12,086</b>	<b>1.04</b>	<b>8.86</b>	<b>205.6</b>	<b>49.71</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>2,472.0</b>	<b>12,203</b>	<b>1.02</b>	<b>6.93</b>	<b>156.9</b>	<b>38.30</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Crist</b>						
<b>1999</b>						
January - March						
Illinois .....	493.0	12,069	0.86	6.21	141.6	34.19
Venezuela .....	61.0	12,619	.68	6.62	146.5	36.97
<b>Total .....</b>	<b>554.0</b>	<b>12,129</b>	<b>.84</b>	<b>6.25</b>	<b>142.2</b>	<b>34.49</b>
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
<b>Total .....</b>	<b>691.1</b>	<b>12,205</b>	<b>1.15</b>	<b>6.83</b>	<b>140.6</b>	<b>34.33</b>
<b>Year to Date</b>						
Illinois .....	1,137.4	12,127	1.04	6.57	140.8	34.16
Venezuela .....	107.7	12,638	.67	6.61	146.4	37.01
<b>Total .....</b>	<b>1,245.1</b>	<b>12,171</b>	<b>1.01</b>	<b>6.57</b>	<b>141.3</b>	<b>34.40</b>
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>79.6</b>	<b>12,249</b>	<b>2.29</b>	<b>7.98</b>	<b>161.7</b>	<b>39.62</b>
<b>1994</b>						
Kentucky .....	67.1	11,861	3.09	9.35	168.7	40.03
<b>Total .....</b>	<b>67.1</b>	<b>11,861</b>	<b>3.09</b>	<b>9.35</b>	<b>168.7</b>	<b>40.03</b>
<b>1995</b>						
Kentucky .....	60.5	12,585	2.74	8.07	152.1	38.28
<b>Total .....</b>	<b>60.5</b>	<b>12,585</b>	<b>2.74</b>	<b>8.07</b>	<b>152.1</b>	<b>38.28</b>
<b>1996</b>						
Kentucky .....	78.7	12,008	3.13	9.52	140.1	33.65
<b>Total .....</b>	<b>78.7</b>	<b>12,008</b>	<b>3.13</b>	<b>9.52</b>	<b>140.1</b>	<b>33.65</b>
<b>1997</b>						
Kentucky .....	75.8	12,377	1.94	9.18	167.7	41.50
<b>Total .....</b>	<b>75.8</b>	<b>12,377</b>	<b>1.94</b>	<b>9.18</b>	<b>167.7</b>	<b>41.50</b>
<b>1998</b>						
Kentucky .....	137.6	12,833	1.33	8.59	160.7	41.25
<b>Total .....</b>	<b>137.6</b>	<b>12,833</b>	<b>1.33</b>	<b>8.59</b>	<b>160.7</b>	<b>41.25</b>
<b>1999</b>						
January - March						
Kentucky .....	64.0	12,608	1.05	8.82	168.6	42.52
<b>Total .....</b>	<b>64.0</b>	<b>12,608</b>	<b>1.05</b>	<b>8.82</b>	<b>168.6</b>	<b>42.52</b>
April - June						
Kentucky .....	16.8	12,819	.91	7.60	169.6	43.48
<b>Total .....</b>	<b>16.8</b>	<b>12,819</b>	<b>.91</b>	<b>7.60</b>	<b>169.6</b>	<b>43.48</b>
<b>Year to Date</b>						
Kentucky .....	80.8	12,652	1.02	8.56	168.8	42.72
<b>Total .....</b>	<b>80.8</b>	<b>12,652</b>	<b>1.02</b>	<b>8.56</b>	<b>168.8</b>	<b>42.72</b>
<b>Company and Plant: Gulf Power, Smith</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>918.9</b>	<b>11,893</b>	<b>1.85</b>	<b>7.55</b>	<b>179.5</b>	<b>42.69</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>877.3</b>	<b>12,051</b>	<b>1.36</b>	<b>7.35</b>	<b>171.1</b>	<b>41.23</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,096.4</b>	<b>11,777</b>	<b>2.13</b>	<b>8.07</b>	<b>153.6</b>	<b>36.17</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Smith</b>						
<b>1996</b>						
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
<b>Total .....</b>	<b>1,088.7</b>	<b>11,851</b>	<b>2.13</b>	<b>7.73</b>	<b>174.5</b>	<b>41.35</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>940.6</b>	<b>11,958</b>	<b>2.62</b>	<b>9.78</b>	<b>189.1</b>	<b>45.22</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>1,006.7</b>	<b>12,054</b>	<b>2.59</b>	<b>9.44</b>	<b>142.6</b>	<b>34.37</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>284.2</b>	<b>12,195</b>	<b>2.66</b>	<b>9.73</b>	<b>134.8</b>	<b>32.87</b>
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
<b>Total .....</b>	<b>221.2</b>	<b>12,307</b>	<b>2.63</b>	<b>9.82</b>	<b>132.8</b>	<b>32.70</b>
<b>Year to Date</b>						
Alabama .....	72.4	11,960	2.22	14.16	133.0	31.80
Illinois .....	335.4	12,385	2.74	8.68	133.9	33.18
Kentucky .....	97.6	11,969	2.63	10.25	134.6	32.21
<b>Total .....</b>	<b>505.4</b>	<b>12,244</b>	<b>2.65</b>	<b>9.77</b>	<b>133.9</b>	<b>32.79</b>
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>314.2</b>	<b>13,197</b>	<b>1.49</b>	<b>6.39</b>	<b>165.6</b>	<b>43.71</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>344.9</b>	<b>13,119</b>	<b>1.33</b>	<b>6.68</b>	<b>164.4</b>	<b>43.13</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>369.8</b>	<b>13,153</b>	<b>1.01</b>	<b>7.28</b>	<b>172.3</b>	<b>45.31</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>371.1</b>	<b>13,224</b>	<b>1.04</b>	<b>7.25</b>	<b>174.3</b>	<b>46.10</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>449.1</b>	<b>13,172</b>	<b>1.07</b>	<b>7.33</b>	<b>179.2</b>	<b>47.20</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>380.2</b>	<b>13,130</b>	<b>1.04</b>	<b>7.20</b>	<b>178.9</b>	<b>46.98</b>
<b>1999</b>						
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>1999</b>						
January - March						
West Virginia .....	8.3	13,124	1.52	6.00	161.5	42.39
<b>Total .....</b>	<b>48.0</b>	<b>13,142</b>	<b>.87</b>	<b>6.96</b>	<b>180.3</b>	<b>47.40</b>
April - June						
Kentucky .....	31.3	13,201	.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
<b>Total .....</b>	<b>89.3</b>	<b>13,251</b>	<b>.95</b>	<b>7.03</b>	<b>170.6</b>	<b>45.22</b>
<b>Year to Date</b>						
Kentucky .....	55.0	13,158	.53	7.13	188.9	49.72
Pennsylvania .....	48.4	13,379	1.27	6.70	162.2	43.39
West Virginia .....	33.8	13,065	1.06	7.24	166.9	43.61
<b>Total .....</b>	<b>137.2</b>	<b>13,213</b>	<b>.92</b>	<b>7.00</b>	<b>174.0</b>	<b>45.98</b>
<b>Company and Plant: Jacksonville Electric Authority, St Johns River</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>3,834.6</b>	<b>12,185</b>	<b>.89</b>	<b>7.95</b>	<b>152.6</b>	<b>37.18</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>3,734.1</b>	<b>12,197</b>	<b>.88</b>	<b>8.58</b>	<b>155.2</b>	<b>37.85</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>3,681.8</b>	<b>12,241</b>	<b>.97</b>	<b>9.28</b>	<b>165.7</b>	<b>40.56</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>3,790.0</b>	<b>12,381</b>	<b>1.08</b>	<b>8.66</b>	<b>160.7</b>	<b>39.80</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>3,125.0</b>	<b>12,242</b>	<b>1.14</b>	<b>9.05</b>	<b>165.3</b>	<b>40.48</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>3,287.2</b>	<b>12,279</b>	<b>.99</b>	<b>8.38</b>	<b>158.0</b>	<b>38.81</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>788.7</b>	<b>12,093</b>	<b>.92</b>	<b>8.88</b>	<b>156.5</b>	<b>37.85</b>
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
<b>Total .....</b>	<b>758.5</b>	<b>12,404</b>	<b>1.19</b>	<b>8.71</b>	<b>161.6</b>	<b>40.10</b>
<b>Year to Date</b>						
Kentucky .....	771.7	12,641	1.38	9.95	172.8	43.68
West Virginia .....	37.8	13,206	1.97	7.60	133.7	35.31
Australia .....	62.9	11,506	.67	11.80	124.2	28.58
Colombia .....	674.7	11,808	.66	7.26	147.0	34.72
<b>Total .....</b>	<b>1,547.2</b>	<b>12,245</b>	<b>1.05</b>	<b>8.79</b>	<b>159.0</b>	<b>38.95</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>1993</b>						
Kentucky .....	727.0	13,046	1.05	7.63	167.7	43.77
<b>Total .....</b>	<b>727.0</b>	<b>13,046</b>	<b>1.05</b>	<b>7.63</b>	<b>167.7</b>	<b>43.77</b>
<b>1994</b>						
Kentucky .....	992.0	12,936	1.12	8.02	173.4	44.87
<b>Total .....</b>	<b>992.0</b>	<b>12,936</b>	<b>1.12</b>	<b>8.02</b>	<b>173.4</b>	<b>44.87</b>
<b>1995</b>						
Kentucky .....	945.0	12,956	1.22	8.18	173.0	44.84
<b>Total .....</b>	<b>945.0</b>	<b>12,956</b>	<b>1.22</b>	<b>8.18</b>	<b>173.0</b>	<b>44.84</b>
<b>1996</b>						
Kentucky .....	807.0	12,840	1.32	9.09	172.8	44.38
<b>Total .....</b>	<b>807.0</b>	<b>12,840</b>	<b>1.32</b>	<b>9.09</b>	<b>172.8</b>	<b>44.38</b>
<b>1997</b>						
Kentucky .....	758.0	12,876	1.26	8.42	172.7	44.48
<b>Total .....</b>	<b>758.0</b>	<b>12,876</b>	<b>1.26</b>	<b>8.42</b>	<b>172.7</b>	<b>44.48</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>628.0</b>	<b>12,872</b>	<b>1.25</b>	<b>8.53</b>	<b>175.9</b>	<b>45.29</b>
<b>1999</b>						
January - March						
Kentucky .....	128.0	12,943	1.28	8.21	178.3	46.17
<b>Total .....</b>	<b>128.0</b>	<b>12,943</b>	<b>1.28</b>	<b>8.21</b>	<b>178.3</b>	<b>46.17</b>
April - June						
Kentucky .....	158.0	12,822	1.50	9.44	178.3	45.73
<b>Total .....</b>	<b>158.0</b>	<b>12,822</b>	<b>1.50</b>	<b>9.44</b>	<b>178.3</b>	<b>45.73</b>
<b>Year to Date</b>						
Kentucky .....	286.0	12,876	1.40	8.89	178.3	45.92
<b>Total .....</b>	<b>286.0</b>	<b>12,876</b>	<b>1.40</b>	<b>8.89</b>	<b>178.3</b>	<b>45.92</b>
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,178.5</b>	<b>11,999</b>	<b>.58</b>	<b>7.39</b>	<b>169.9</b>	<b>40.78</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>2,282.8</b>	<b>10,334</b>	<b>.44</b>	<b>7.06</b>	<b>151.8</b>	<b>31.38</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>2,220.8</b>	<b>10,118</b>	<b>.39</b>	<b>6.77</b>	<b>150.0</b>	<b>30.36</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>2,671.2</b>	<b>9,774</b>	<b>.41</b>	<b>5.31</b>	<b>145.1</b>	<b>28.36</b>
<b>1997</b>						
Montana .....	3,221.3	9,323	.39	4.56	145.5	27.13
<b>Total .....</b>	<b>3,221.3</b>	<b>9,323</b>	<b>.39</b>	<b>4.56</b>	<b>145.5</b>	<b>27.13</b>
<b>1998</b>						
Montana .....	2,831.1	9,412	.37	4.46	147.2	27.70
<b>Total .....</b>	<b>2,831.1</b>	<b>9,412</b>	<b>.37</b>	<b>4.46</b>	<b>147.2</b>	<b>27.70</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>688.2</b>	<b>9,770</b>	<b>.38</b>	<b>5.27</b>	<b>149.6</b>	<b>29.23</b>
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
<b>Total .....</b>	<b>744.7</b>	<b>10,884</b>	<b>.46</b>	<b>8.59</b>	<b>159.0</b>	<b>34.60</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>1999</b>						
<b>Year to Date</b>						
Colorado .....	636.4	11,337	0.48	9.84	161.6	36.64
Montana .....	734.7	9,406	.37	4.60	147.3	27.72
Colombia.....	61.8	11,385	.43	6.10	156.6	35.66
<b>Total .....</b>	<b>1,432.9</b>	<b>10,349</b>	<b>.42</b>	<b>6.99</b>	<b>154.7</b>	<b>32.02</b>
<b>Company and Plant: Mississippi Power (Southern Co), Watson</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,396.1</b>	<b>12,582</b>	<b>2.35</b>	<b>9.23</b>	<b>136.3</b>	<b>34.31</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,155.7</b>	<b>12,439</b>	<b>2.30</b>	<b>8.72</b>	<b>133.2</b>	<b>33.14</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,247.2</b>	<b>12,436</b>	<b>2.33</b>	<b>8.86</b>	<b>123.2</b>	<b>30.65</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,831.6</b>	<b>12,164</b>	<b>1.71</b>	<b>7.19</b>	<b>131.1</b>	<b>31.90</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,848.7</b>	<b>11,522</b>	<b>1.04</b>	<b>7.20</b>	<b>141.1</b>	<b>32.51</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>2,102.6</b>	<b>11,327</b>	<b>1.20</b>	<b>6.88</b>	<b>139.8</b>	<b>31.66</b>
<b>1999</b>						
<b>January - March</b>						
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
<b>Total .....</b>	<b>638.8</b>	<b>11,357</b>	<b>1.02</b>	<b>6.34</b>	<b>141.0</b>	<b>32.03</b>
<b>April - June</b>						
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
<b>Total .....</b>	<b>554.3</b>	<b>12,019</b>	<b>1.32</b>	<b>6.57</b>	<b>141.9</b>	<b>34.12</b>
<b>Year to Date</b>						
Illinois .....	789.6	12,212	1.50	7.25	140.9	34.41
Kentucky.....	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming.....	161.0	8,687	.42	5.53	135.4	23.53
Colombia.....	222.6	11,838	.48	4.14	147.1	34.83
Venezuela.....	15.6	12,165	.75	7.60	142.5	34.67
<b>Total .....</b>	<b>1,193.1</b>	<b>11,665</b>	<b>1.16</b>	<b>6.44</b>	<b>141.5</b>	<b>33.00</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Montaup Electric, Somerset</b>						
<b>1993</b>						
Kentucky .....	113.6	12,903	1.00	7.88	178.1	45.97
<b>Total .....</b>	<b>113.6</b>	<b>12,903</b>	<b>1.00</b>	<b>7.88</b>	<b>178.1</b>	<b>45.97</b>
<b>1994</b>						
Kentucky .....	43.7	12,429	.63	8.74	197.7	49.14
West Virginia.....	189.1	12,931	.73	8.39	178.8	46.23
<b>Total .....</b>	<b>232.8</b>	<b>12,836</b>	<b>.71</b>	<b>8.45</b>	<b>182.2</b>	<b>46.78</b>
<b>1995</b>						
Kentucky .....	115.8	12,838	.67	7.90	178.4	45.79
West Virginia.....	157.7	12,840	.76	7.42	177.9	45.68
<b>Total .....</b>	<b>273.5</b>	<b>12,839</b>	<b>.72</b>	<b>7.62</b>	<b>178.1</b>	<b>45.73</b>
<b>1996</b>						
Kentucky .....	55.6	12,622	.77	7.03	180.4	45.53
West Virginia.....	193.0	12,799	.76	7.30	180.1	46.11
<b>Total .....</b>	<b>248.6</b>	<b>12,759</b>	<b>.77</b>	<b>7.24</b>	<b>180.2</b>	<b>45.98</b>
<b>1997</b>						
West Virginia.....	279.3	12,710	.74	7.68	179.3	45.58
<b>Total .....</b>	<b>279.3</b>	<b>12,710</b>	<b>.74</b>	<b>7.68</b>	<b>179.3</b>	<b>45.58</b>
<b>1998</b>						
Kentucky .....	29.4	12,666	.71	7.90	177.2	44.90
West Virginia.....	278.3	12,699	.73	7.88	179.8	45.65
<b>Total .....</b>	<b>307.7</b>	<b>12,696</b>	<b>.73</b>	<b>7.88</b>	<b>179.5</b>	<b>45.58</b>
<b>1999</b>						
January - March						
Kentucky.....	13.8	12,713	.65	6.60	145.9	37.10
West Virginia.....	27.7	12,811	.68	8.30	177.4	45.45
<b>Total .....</b>	<b>41.5</b>	<b>12,778</b>	<b>.67</b>	<b>7.74</b>	<b>167.0</b>	<b>42.67</b>
April - June						
West Virginia.....	86.8	12,981	.68	8.07	174.3	45.25
<b>Total .....</b>	<b>86.8</b>	<b>12,981</b>	<b>.68</b>	<b>8.07</b>	<b>174.3</b>	<b>45.25</b>
<b>Year to Date</b>						
Kentucky.....	13.8	12,713	.65	6.60	145.9	37.10
West Virginia.....	114.5	12,940	.68	8.13	175.0	45.30
<b>Total .....</b>	<b>128.3</b>	<b>12,916</b>	<b>.68</b>	<b>7.97</b>	<b>171.9</b>	<b>44.42</b>
<b>Company and Plant: New England Power (NEES), Brayton Point</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>2,163.1</b>	<b>12,905</b>	<b>.96</b>	<b>8.14</b>	<b>167.9</b>	<b>43.33</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>2,819.1</b>	<b>12,822</b>	<b>.95</b>	<b>8.24</b>	<b>168.6</b>	<b>43.24</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>2,454.6</b>	<b>12,647</b>	<b>.69</b>	<b>8.38</b>	<b>168.1</b>	<b>42.53</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>3,147.3</b>	<b>12,547</b>	<b>.68</b>	<b>8.67</b>	<b>170.5</b>	<b>42.77</b>
<b>1997</b>						
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: New England Power (NEES), Brayton Point</b>						
<b>1997</b>						
Venezuela.....	292.5	13,122	0.68	6.35	165.2	43.36
<b>Total .....</b>	<b>3,000.1</b>	<b>12,524</b>	<b>.69</b>	<b>8.66</b>	<b>168.3</b>	<b>42.15</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>2,237.6</b>	<b>12,537</b>	<b>.67</b>	<b>9.34</b>	<b>164.7</b>	<b>41.30</b>
<b>Company and Plant: New England Power (NEES), Salem Harbor</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>779.2</b>	<b>12,987</b>	<b>1.07</b>	<b>8.72</b>	<b>165.8</b>	<b>43.05</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>729.7</b>	<b>12,632</b>	<b>.65</b>	<b>6.69</b>	<b>161.6</b>	<b>40.84</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>760.8</b>	<b>12,591</b>	<b>.64</b>	<b>6.39</b>	<b>161.1</b>	<b>40.56</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>925.8</b>	<b>12,656</b>	<b>.67</b>	<b>6.60</b>	<b>157.6</b>	<b>39.90</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>816.8</b>	<b>12,367</b>	<b>.66</b>	<b>7.41</b>	<b>167.3</b>	<b>41.37</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>547.3</b>	<b>12,543</b>	<b>.67</b>	<b>6.41</b>	<b>164.7</b>	<b>41.31</b>
<b>Company and Plant: Ohio Edison, Burger Plant</b>						
<b>1993</b>						
Kentucky.....	6.1	12,223	0.88	10.70	110.4	26.99
Ohio.....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania.....	99.9	11,842	3.41	11.82	92.0	21.79
<b>Total .....</b>	<b>1,257.5</b>	<b>12,113</b>	<b>3.55</b>	<b>11.41</b>	<b>101.5</b>	<b>24.58</b>
<b>1994</b>						
Ohio.....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania.....	63.6	11,942	2.80	11.52	105.5	25.20
West Virginia.....	1.5	11,112	4.48	17.60	112.7	25.05
<b>Total .....</b>	<b>1,002.9</b>	<b>12,244</b>	<b>3.53</b>	<b>10.69</b>	<b>99.4</b>	<b>24.34</b>
<b>1995</b>						
Ohio.....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania.....	179.8	12,635	2.41	10.26	93.0	23.49
West Virginia.....	158.1	12,320	2.49	11.49	90.5	22.29
<b>Total .....</b>	<b>563.6</b>	<b>12,470</b>	<b>2.98</b>	<b>10.57</b>	<b>93.1</b>	<b>23.23</b>
<b>1996</b>						
Ohio.....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania.....	33.4	11,981	3.38	11.11	77.5	18.56
West Virginia.....	942.8	12,323	3.69	9.65	81.9	20.18
<b>Total .....</b>	<b>978.5</b>	<b>12,308</b>	<b>3.68</b>	<b>9.70</b>	<b>81.7</b>	<b>20.11</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Ohio Edison, Burger Plant</b>						
<b>1997</b>						
Kentucky .....	30.3	11,362	0.70	12.77	108.4	24.63
Ohio .....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania .....	199.4	10,651	2.14	20.27	89.6	19.09
West Virginia .....	420.0	11,619	2.16	15.77	88.4	20.55
<b>Total .....</b>	<b>851.2</b>	<b>11,409</b>	<b>2.32</b>	<b>15.94</b>	<b>90.4</b>	<b>20.63</b>
<b>1998</b>						
Ohio .....	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania .....	209.8	13,251	2.08	7.41	101.4	26.88
West Virginia .....	117.2	11,834	1.33	14.67	105.4	24.94
<b>Total .....</b>	<b>713.3</b>	<b>12,505</b>	<b>2.75</b>	<b>10.34</b>	<b>97.0</b>	<b>24.26</b>
<b>1999</b>						
January - March						
Ohio .....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania .....	47.5	13,212	2.24	6.56	94.7	25.03
West Virginia .....	48.0	11,910	.96	14.11	118.0	28.10
<b>Total .....</b>	<b>163.5</b>	<b>12,453</b>	<b>2.33</b>	<b>10.33</b>	<b>99.7</b>	<b>24.84</b>
April - June						
Kentucky .....	6.3	9,146	1.48	30.10	59.0	10.79
Ohio .....	196.0	12,413	3.74	10.16	89.5	22.22
Pennsylvania .....	19.5	13,145	1.33	6.82	108.5	28.53
West Virginia .....	3.1	10,519	1.22	20.40	83.6	17.59
<b>Total .....</b>	<b>224.9</b>	<b>12,359</b>	<b>3.43</b>	<b>10.57</b>	<b>90.6</b>	<b>22.38</b>
<b>Year to Date</b>						
Kentucky .....	6.3	9,146	1.48	30.10	59.0	10.79
Ohio .....	264.0	12,385	3.64	10.19	89.9	22.27
Pennsylvania .....	67.0	13,192	1.98	6.64	98.7	26.05
West Virginia .....	51.1	11,826	.97	14.49	116.1	27.47
<b>Total .....</b>	<b>388.4</b>	<b>12,398</b>	<b>2.96</b>	<b>10.47</b>	<b>94.4</b>	<b>23.42</b>
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>721.5</b>	<b>11,589</b>	<b>2.14</b>	<b>8.53</b>	<b>133.6</b>	<b>30.96</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,517.6</b>	<b>12,155</b>	<b>1.88</b>	<b>8.65</b>	<b>122.6</b>	<b>29.81</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,125.7</b>	<b>12,405</b>	<b>1.86</b>	<b>7.80</b>	<b>111.9</b>	<b>27.75</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,000.0</b>	<b>12,555</b>	<b>1.99</b>	<b>7.64</b>	<b>111.0</b>	<b>27.87</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>985.1</b>	<b>12,924</b>	<b>2.13</b>	<b>7.73</b>	<b>106.8</b>	<b>27.61</b>
<b>1998</b>						
Illinois .....	38.2	11,958	.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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>1998</b>						
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
<b>Total .....</b>	<b>1,206.3</b>	<b>13,105</b>	<b>2.10</b>	<b>7.23</b>	<b>106.6</b>	<b>27.95</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>284.5</b>	<b>12,754</b>	<b>2.18</b>	<b>7.35</b>	<b>124.7</b>	<b>31.80</b>
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
<b>Total .....</b>	<b>330.6</b>	<b>12,561</b>	<b>1.97</b>	<b>8.20</b>	<b>112.7</b>	<b>28.32</b>
<b>Year to Date</b>						
Illinois .....	92.6	11,063	1.50	10.48	119.3	26.39
Indiana .....	59.8	11,084	1.48	9.54	110.0	24.39
Kentucky .....	3.3	12,096	1.50	10.10	108.1	26.15
Pennsylvania .....	192.8	13,108	2.22	7.50	107.9	28.28
West Virginia .....	266.6	13,229	2.29	6.68	127.1	33.64
<b>Total .....</b>	<b>615.1</b>	<b>12,651</b>	<b>2.07</b>	<b>7.81</b>	<b>118.3</b>	<b>29.93</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,096.3</b>	<b>13,216</b>	<b>1.81</b>	<b>6.77</b>	<b>162.4</b>	<b>42.93</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>979.0</b>	<b>13,197</b>	<b>1.78</b>	<b>6.86</b>	<b>154.1</b>	<b>40.67</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,013.2</b>	<b>13,234</b>	<b>1.64</b>	<b>6.73</b>	<b>157.9</b>	<b>41.80</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,049.3</b>	<b>13,236</b>	<b>1.69</b>	<b>6.57</b>	<b>160.6</b>	<b>42.52</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,193.7</b>	<b>13,221</b>	<b>1.58</b>	<b>6.84</b>	<b>164.2</b>	<b>43.43</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>1,027.6</b>	<b>13,203</b>	<b>1.67</b>	<b>7.07</b>	<b>165.0</b>	<b>43.57</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>204.2</b>	<b>13,294</b>	<b>1.72</b>	<b>6.67</b>	<b>158.8</b>	<b>42.22</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>1999</b>						
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
<b>Total</b> .....	<b>158.4</b>	<b>13,274</b>	<b>1.62</b>	<b>6.76</b>	<b>161.9</b>	<b>42.97</b>
<b>Year to Date</b>						
Kentucky .....	9.6	13,360	2.54	6.80	160.3	42.84
Pennsylvania .....	296.8	13,274	1.54	6.70	161.2	42.79
West Virginia .....	56.3	13,333	2.23	6.70	154.6	41.22
<b>Total</b> .....	<b>362.7</b>	<b>13,285</b>	<b>1.67</b>	<b>6.71</b>	<b>160.1</b>	<b>42.55</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>1993</b>						
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
<b>Total</b> .....	<b>210.1</b>	<b>12,991</b>	<b>.63</b>	<b>6.62</b>	<b>152.3</b>	<b>39.58</b>
<b>1994</b>						
Colombia .....	163.3	12,505	.62	5.55	135.5	33.89
Indonesia .....	113.0	12,360	.53	3.58	158.7	39.23
<b>Total</b> .....	<b>276.3</b>	<b>12,446</b>	<b>.58</b>	<b>4.74</b>	<b>144.9</b>	<b>36.07</b>
<b>1995</b>						
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
<b>Total</b> .....	<b>359.1</b>	<b>12,762</b>	<b>.66</b>	<b>6.77</b>	<b>161.8</b>	<b>41.29</b>
<b>1996</b>						
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
<b>Total</b> .....	<b>274.2</b>	<b>12,799</b>	<b>1.09</b>	<b>8.72</b>	<b>160.6</b>	<b>41.11</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>433.9</b>	<b>12,596</b>	<b>.98</b>	<b>6.97</b>	<b>160.3</b>	<b>40.39</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>380.7</b>	<b>12,943</b>	<b>.68</b>	<b>5.75</b>	<b>150.8</b>	<b>39.05</b>
<b>1999</b>						
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
<b>Total</b> .....	<b>127.2</b>	<b>13,165</b>	<b>.77</b>	<b>5.42</b>	<b>148.1</b>	<b>39.01</b>
April - June						
Venezuela .....	118.8	12,823	.70	6.28	144.3	37.02
<b>Total</b> .....	<b>118.8</b>	<b>12,823</b>	<b>.70</b>	<b>6.28</b>	<b>144.3</b>	<b>37.02</b>
<b>Year to Date</b>						
Pennsylvania .....	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela .....	232.8	12,997	.67	5.75	145.8	37.90
<b>Total</b> .....	<b>246.1</b>	<b>13,000</b>	<b>.74</b>	<b>5.83</b>	<b>146.3</b>	<b>38.04</b>
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>1993</b>						
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
<b>Total</b> .....	<b>703.1</b>	<b>14,118</b>	<b>.80</b>	<b>4.56</b>	<b>179.6</b>	<b>50.70</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>1994</b>						
Virginia .....	687.7	14,046	0.79	4.73	179.8	50.50
West Virginia.....	.7	13,381	.66	6.60	174.6	46.73
<b>Total .....</b>	<b>688.4</b>	<b>14,045</b>	<b>.79</b>	<b>4.73</b>	<b>179.8</b>	<b>50.50</b>
<b>1995</b>						
Virginia .....	688.8	13,985	.77	4.89	175.3	49.03
West Virginia.....	.1	13,529	.70	6.70	145.3	39.32
<b>Total .....</b>	<b>688.9</b>	<b>13,985</b>	<b>.77</b>	<b>4.89</b>	<b>175.3</b>	<b>49.03</b>
<b>1996</b>						
Virginia .....	635.8	13,897	.77	5.36	181.6	50.46
West Virginia.....	.8	12,705	.97	8.20	172.9	43.93
<b>Total .....</b>	<b>636.6</b>	<b>13,896</b>	<b>.77</b>	<b>5.36</b>	<b>181.5</b>	<b>50.45</b>
<b>1997</b>						
Virginia .....	880.3	13,634	.78	5.85	174.7	47.64
West Virginia.....	.8	12,514	.92	8.60	164.6	41.20
<b>Total .....</b>	<b>881.1</b>	<b>13,633</b>	<b>.78</b>	<b>5.85</b>	<b>174.7</b>	<b>47.64</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>971.3</b>	<b>13,720</b>	<b>.72</b>	<b>6.11</b>	<b>151.0</b>	<b>41.44</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>191.6</b>	<b>13,798</b>	<b>.72</b>	<b>5.90</b>	<b>140.3</b>	<b>38.71</b>
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
<b>Total .....</b>	<b>282.0</b>	<b>13,848</b>	<b>.70</b>	<b>5.67</b>	<b>140.4</b>	<b>38.89</b>
<b>Year to Date</b>						
Virginia .....	294.5	13,827	.71	5.77	140.5	38.85
West Virginia.....	179.1	13,828	.72	5.75	140.2	38.77
<b>Total .....</b>	<b>473.6</b>	<b>13,828</b>	<b>.71</b>	<b>5.76</b>	<b>140.4</b>	<b>38.82</b>
<b>Company and Plant: Public Serv Electric &amp; Gas-NJ, Hudson</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>438.0</b>	<b>13,000</b>	<b>.82</b>	<b>7.73</b>	<b>187.7</b>	<b>48.80</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>567.4</b>	<b>13,118</b>	<b>.77</b>	<b>7.48</b>	<b>200.9</b>	<b>52.71</b>
<b>1995</b>						
Kentucky .....	436.3	13,082	.65	6.77	191.2	50.02
West Virginia.....	252.1	13,070	.83	7.59	179.5	46.93
<b>Total .....</b>	<b>688.4</b>	<b>13,078</b>	<b>.71</b>	<b>7.07</b>	<b>186.9</b>	<b>48.89</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>709.6</b>	<b>12,690</b>	<b>.83</b>	<b>9.88</b>	<b>172.4</b>	<b>43.76</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>420.4</b>	<b>12,657</b>	<b>.85</b>	<b>10.43</b>	<b>169.3</b>	<b>42.87</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>639.5</b>	<b>12,528</b>	<b>.85</b>	<b>11.31</b>	<b>143.0</b>	<b>35.84</b>
<b>1999</b>						
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
<b>Total .....</b>	<b>263.6</b>	<b>12,616</b>	<b>.87</b>	<b>11.16</b>	<b>141.1</b>	<b>35.59</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Electric &amp; Gas-NJ, Hudson</b>						
<b>1999</b>						
April - June						
Kentucky.....	30.6	12,819	0.79	9.08	147.3	37.77
West Virginia.....	147.2	12,687	.87	10.55	143.5	36.42
<b>Total.....</b>	<b>177.8</b>	<b>12,710</b>	<b>.86</b>	<b>10.30</b>	<b>144.2</b>	<b>36.66</b>
<b>Year to Date</b>						
Kentucky.....	91.4	12,815	.78	9.05	146.8	37.64
West Virginia.....	350.0	12,611	.88	11.28	141.1	35.60
<b>Total.....</b>	<b>441.4</b>	<b>12,654</b>	<b>.86</b>	<b>10.81</b>	<b>142.3</b>	<b>36.02</b>
<b>Company and Plant: Savannah Electric and Power, Port Wentworth</b>						
<b>1993</b>						
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
<b>Total.....</b>	<b>259.9</b>	<b>12,777</b>	<b>.98</b>	<b>9.97</b>	<b>173.7</b>	<b>44.40</b>
<b>1994</b>						
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
<b>Total.....</b>	<b>167.0</b>	<b>12,438</b>	<b>1.11</b>	<b>9.31</b>	<b>174.0</b>	<b>43.27</b>
<b>1995</b>						
Kentucky.....	9.9	11,801	.55	14.50	143.0	33.75
Virginia.....	130.3	13,124	.87	9.43	159.0	41.74
<b>Total.....</b>	<b>140.3</b>	<b>13,030</b>	<b>.85</b>	<b>9.79</b>	<b>158.0</b>	<b>41.17</b>
<b>1996</b>						
Venezuela.....	209.9	12,143	1.08	6.71	152.8	37.11
<b>Total.....</b>	<b>209.9</b>	<b>12,143</b>	<b>1.08</b>	<b>6.71</b>	<b>152.8</b>	<b>37.11</b>
<b>1997</b>						
Venezuela.....	279.1	11,949	1.28	7.72	135.1	32.29
<b>Total.....</b>	<b>279.1</b>	<b>11,949</b>	<b>1.28</b>	<b>7.72</b>	<b>135.1</b>	<b>32.29</b>
<b>1998</b>						
Venezuela.....	414.5	12,492	1.01	7.19	144.6	36.14
<b>Total.....</b>	<b>414.5</b>	<b>12,492</b>	<b>1.01</b>	<b>7.19</b>	<b>144.6</b>	<b>36.14</b>
<b>1999</b>						
January - March						
Venezuela.....	106.6	12,422	.76	8.00	142.6	35.43
<b>Total.....</b>	<b>106.6</b>	<b>12,422</b>	<b>.76</b>	<b>8.00</b>	<b>142.6</b>	<b>35.43</b>
April - June						
Venezuela.....	153.3	12,820	.71	7.00	133.7	34.27
<b>Total.....</b>	<b>153.3</b>	<b>12,820</b>	<b>.71</b>	<b>7.00</b>	<b>133.7</b>	<b>34.27</b>
<b>Year to Date</b>						
Venezuela.....	259.9	12,657	.73	7.41	137.3	34.75
<b>Total.....</b>	<b>259.9</b>	<b>12,657</b>	<b>.73</b>	<b>7.41</b>	<b>137.3</b>	<b>34.75</b>
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>1993</b>						
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
<b>Total.....</b>	<b>41.4</b>	<b>9,951</b>	<b>.46</b>	<b>10.64</b>	<b>179.3</b>	<b>35.68</b>
<b>1994</b>						
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
<b>Total.....</b>	<b>36.1</b>	<b>9,655</b>	<b>.45</b>	<b>6.87</b>	<b>175.1</b>	<b>33.81</b>
<b>1995</b>						
Montana.....	3.8	9,470	.36	4.64	180.0	34.09
Canada.....	23.8	10,066	.47	13.14	166.0	33.42
<b>Total.....</b>	<b>27.6</b>	<b>9,983</b>	<b>.46</b>	<b>11.96</b>	<b>167.8</b>	<b>33.51</b>
<b>1996</b>						
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
<b>Total.....</b>	<b>22.2</b>	<b>9,788</b>	<b>.45</b>	<b>11.47</b>	<b>174.1</b>	<b>34.09</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>1997</b>						
Washington .....	1.5	10,616	0.70	17.57	154.0	32.71
Canada.....	9.6	10,144	.43	12.25	171.4	34.79
<b>Total .....</b>	<b>11.1</b>	<b>10,208</b>	<b>.46</b>	<b>12.96</b>	<b>169.0</b>	<b>34.51</b>
<b>1998</b>						
Washington .....	.9	10,800	.73	66.06	165.5	35.74
<b>Total .....</b>	<b>.9</b>	<b>10,800</b>	<b>.73</b>	<b>66.06</b>	<b>165.5</b>	<b>35.74</b>
<b>Company and Plant: Tampa Electric, Big Bend</b>						
<b>1993</b>						
Illinois .....	35.2	11,194	0.82	11.00	185.1	41.44
<b>Total .....</b>	<b>35.2</b>	<b>11,194</b>	<b>.82</b>	<b>11.00</b>	<b>185.1</b>	<b>41.44</b>
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>5,650.8</b>	<b>12,182</b>	<b>2.16</b>	<b>8.08</b>	<b>181.9</b>	<b>44.31</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>5,934.5</b>	<b>11,979</b>	<b>2.33</b>	<b>8.02</b>	<b>174.8</b>	<b>41.89</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>5,388.1</b>	<b>11,713</b>	<b>1.95</b>	<b>7.76</b>	<b>162.5</b>	<b>38.06</b>
<b>1996</b>						
Colorado.....	138.6	12,929	.48	10.04	190.8	49.32
Illinois .....	2,993.7	11,914	2.52	7.85	159.0	37.88
Kentucky .....	1,659.8	11,667	2.78	7.90	127.6	29.78
West Virginia.....	157.5	13,120	2.38	8.01	130.1	34.14
Wyoming.....	590.7	8,833	.21	4.39	142.0	25.09
Indonesia .....	807.8	9,655	.29	1.48	149.7	28.91
<b>Total .....</b>	<b>6,348.2</b>	<b>11,327</b>	<b>2.04</b>	<b>6.78</b>	<b>148.3</b>	<b>33.59</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>7,181.8</b>	<b>11,244</b>	<b>2.02</b>	<b>7.50</b>	<b>147.3</b>	<b>33.12</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>7,315.4</b>	<b>11,241</b>	<b>2.01</b>	<b>7.26</b>	<b>145.6</b>	<b>32.73</b>

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>1999</b>						
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
<b>Total .....</b>	<b>1,765.4</b>	<b>11,696</b>	<b>2.23</b>	<b>7.67</b>	<b>142.0</b>	<b>33.22</b>
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
<b>Total .....</b>	<b>1,441.1</b>	<b>11,616</b>	<b>1.94</b>	<b>7.73</b>	<b>141.0</b>	<b>32.76</b>
<b>Year to Date</b>						
Illinois .....	1,979.7	12,051	2.27	8.35	149.2	35.97
Kentucky .....	671.9	11,627	2.80	8.02	124.4	28.94
West Virginia .....	147.0	13,297	1.95	7.67	128.9	34.28
Wyoming .....	100.7	8,738	.22	4.57	124.0	21.67
Indonesia .....	156.1	9,393	.14	1.00	130.4	24.50
Venezuela .....	151.2	9,373	.18	6.70	146.6	27.47
<b>Total .....</b>	<b>3,206.5</b>	<b>11,660</b>	<b>2.10</b>	<b>7.70</b>	<b>141.6</b>	<b>33.01</b>
<b>Company and Plant: United Illuminating Co, Bridgeport Harbor</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>740.0</b>	<b>13,144</b>	<b>.55</b>	<b>6.95</b>	<b>170.4</b>	<b>44.80</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>863.0</b>	<b>13,094</b>	<b>.54</b>	<b>7.38</b>	<b>177.4</b>	<b>46.45</b>
<b>1995</b>						
Kentucky .....	836.0	13,109	.56	7.05	188.1	49.32
West Virginia .....	5.0	13,252	.69	6.50	190.0	50.36
<b>Total .....</b>	<b>841.0</b>	<b>13,110</b>	<b>.56</b>	<b>7.05</b>	<b>188.1</b>	<b>49.33</b>
<b>1996</b>						
Kentucky .....	903.0	13,098	.54	7.24	191.2	50.09
Venezuela .....	28.0	13,174	.61	4.10	185.0	48.74
<b>Total .....</b>	<b>931.0</b>	<b>13,100</b>	<b>.54</b>	<b>7.14</b>	<b>191.0</b>	<b>50.05</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>952.1</b>	<b>13,132</b>	<b>.54</b>	<b>7.20</b>	<b>190.5</b>	<b>50.02</b>
<b>1998</b>						
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
<b>Total .....</b>	<b>657.0</b>	<b>13,138</b>	<b>.53</b>	<b>6.80</b>	<b>181.1</b>	<b>47.59</b>
<b>1999</b>						
January - March						
Venezuela .....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total .....</b>	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Year to Date</b>						
Venezuela .....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total .....</b>	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Total of U.S. Electric Utility Plants</b>						
<b>1993</b>						
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 .....	4,676.2	11,959	2.59	8.58	164.7	39.39
Indiana .....	485.4	11,003	2.15	8.88	136.5	30.05

See footnotes at the end of Table A7.

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

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1993</b>						
Kentucky .....	9,349.3	12,685	1.33	8.13	173.3	43.96
Maryland .....	56.2	13,015	1.30	9.55	161.4	42.00
Montana .....	187.7	9,428	.39	4.58	160.4	30.24
Ohio .....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania .....	1,451.4	13,093	1.79	7.35	156.7	41.04
Tennessee .....	304.6	12,740	1.12	7.02	203.7	51.89
Utah .....	186.5	11,586	.35	8.25	156.1	36.17
Virginia .....	435.8	12,995	.94	8.99	186.8	48.56
Washington .....	2.2	10,967	.70	14.47	163.5	35.87
West Virginia .....	8,856.8	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
<b>Total .....</b>	<b>46,056.6</b>	<b>11,395</b>	<b>1.12</b>	<b>7.56</b>	<b>160.9</b>	<b>36.68</b>
<b>1994</b>						
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 .....	8,975.8	12,628	1.37	8.27	176.5	44.59
Maryland .....	138.3	13,155	1.38	9.85	149.9	39.43
Montana .....	1,314.8	9,404	.40	4.78	138.8	26.11
Ohio .....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania .....	1,992.6	13,125	1.76	7.34	144.5	37.94
Tennessee .....	276.1	12,628	1.14	7.43	215.3	54.38
Virginia .....	127.7	12,926	.87	8.50	173.6	44.89
Washington .....	3.3	10,865	.72	13.30	165.3	35.91
West Virginia .....	11,225.5	12,706	.94	9.67	164.6	41.83
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
<b>Total .....</b>	<b>50,510.0</b>	<b>11,447</b>	<b>1.06</b>	<b>7.74</b>	<b>159.5</b>	<b>36.52</b>
<b>1995</b>						
Alabama .....	1,358.3	12,530	.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 .....	8,684.8	12,611	1.27	8.04	165.5	41.75
Maryland .....	265.8	13,113	1.29	9.87	151.1	39.62
Montana .....	1,273.3	9,400	.38	4.43	140.1	26.34
Ohio .....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania .....	2,051.9	13,140	1.78	7.51	137.1	36.04
Tennessee .....	120.2	12,565	1.12	8.66	229.2	57.59
Texas .....	40.0	10,540	1.03	21.69	120.2	25.33
Virginia .....	172.6	13,245	.93	8.77	162.0	42.92
West Virginia .....	8,499.3	12,614	.81	10.16	162.0	40.87
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
<b>Total .....</b>	<b>48,563.7</b>	<b>11,311</b>	<b>.94</b>	<b>7.56</b>	<b>158.0</b>	<b>35.74</b>
<b>1996</b>						
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 .....	10,207.0	12,536	1.34	8.58	162.2	40.66
Maryland .....	277.2	13,143	1.37	9.31	150.2	39.49
Montana .....	2,167.2	9,394	.40	4.48	141.1	26.51
Ohio .....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania .....	1,940.2	13,163	1.75	7.34	142.7	37.56

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1996</b>						
Virginia .....	17.9	14,102	0.74	5.76	201.2	56.74
West Virginia .....	10,502.4	12,578	1.07	10.23	153.6	38.63
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
<b>Total .....</b>	<b>53,818.0</b>	<b>11,284</b>	<b>.99</b>	<b>7.57</b>	<b>153.3</b>	<b>34.61</b>
<b>1997</b>						
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 .....	9,269.9	12,437	1.50	8.99	162.5	40.42
Maryland .....	160.8	13,158	1.46	9.17	147.8	38.89
Montana .....	3,221.3	9,323	.39	4.56	145.5	27.13
Ohio .....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania .....	2,507.1	12,966	1.70	8.40	139.6	36.21
Virginia .....	201.4	13,250	.88	8.73	160.1	42.43
Washington .....	1.5	10,616	.70	17.57	154.0	32.71
West Virginia .....	10,150.8	12,599	.91	10.57	156.7	39.49
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
<b>Total .....</b>	<b>54,127.4</b>	<b>11,190</b>	<b>.97</b>	<b>7.83</b>	<b>153.6</b>	<b>34.38</b>
<b>1998</b>						
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 .....	8,902.2	12,472	1.44	8.64	157.0	39.16
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
Ohio .....	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania .....	2,570.5	13,168	1.65	7.20	137.4	36.18
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 .....	9,099.0	12,611	.89	10.54	151.4	38.19
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
Indonesia .....	899.5	9,505	.17	1.01	167.3	31.80
Venezuela .....	2,376.6	12,846	.73	6.65	155.5	39.95
<b>Total .....</b>	<b>57,239.0</b>	<b>11,147</b>	<b>.95</b>	<b>7.59</b>	<b>148.7</b>	<b>33.14</b>
<b>1999</b>						
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 .....	1,738.3	12,389	1.59	8.60	152.8	37.86
Montana .....	558.5	9,411	.37	4.60	147.2	27.71
Ohio .....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania .....	519.5	13,208	1.69	6.75	136.4	36.02
Virginia .....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia .....	1,907.9	12,577	.91	11.28	147.0	36.97
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
<b>Total .....</b>	<b>14,178.2</b>	<b>10,970</b>	<b>.93</b>	<b>7.72</b>	<b>145.4</b>	<b>31.90</b>
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

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 <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1999</b>						
April - June						
Kentucky.....	1,266.2	12,575	1.40	9.15	160.6	40.39
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
Ohio.....	196.0	12,413	3.74	10.16	89.5	22.22
Pennsylvania.....	536.4	13,255	1.58	6.86	136.3	36.13
Virginia.....	25.9	13,628	.76	6.18	178.8	48.74
West Virginia.....	2,074.0	12,730	.95	10.43	145.8	37.12
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
<b>Total.....</b>	<b>13,883.0</b>	<b>11,047</b>	<b>.94</b>	<b>7.96</b>	<b>145.5</b>	<b>32.14</b>
<b>Year to Date</b>						
Alabama.....	2,043.7	12,113	.76	13.30	203.4	49.27
Colorado.....	1,399.5	10,998	.44	7.91	152.3	33.50
Illinois.....	4,394.3	12,105	1.82	7.73	145.1	35.12
Indiana.....	59.8	11,084	1.48	9.54	110.0	24.39
Kentucky.....	3,004.5	12,467	1.51	8.83	156.1	38.93
Maryland.....	37.5	13,059	1.49	9.32	146.0	38.13
Montana.....	734.7	9,406	.37	4.60	147.3	27.72
Ohio.....	264.0	12,385	3.64	10.19	89.9	22.27
Pennsylvania.....	1,055.9	13,232	1.63	6.81	136.3	36.07
Virginia.....	38.1	13,648	.76	6.04	179.3	48.95
West Virginia.....	3,981.9	12,656	.93	10.84	146.4	37.05
Wyoming.....	8,608.2	8,461	.38	5.64	121.0	20.48
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	1,072.1	11,786	.60	6.19	151.5	35.71
Indonesia.....	156.1	9,393	.14	1.00	130.4	24.50
Venezuela.....	1,148.1	12,385	.62	6.63	150.6	37.32
<b>Total.....</b>	<b>28,061.2</b>	<b>11,008</b>	<b>.94</b>	<b>7.84</b>	<b>145.4</b>	<b>32.02</b>

<sup>1</sup> Data reported on quality of coal as received.

<sup>2</sup> 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."