

# Quarterly Coal Report October - December 2003

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**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 October through December 2003 and aggregated quarterly historical data for 1997 through the fourth quarter of 2003.

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 2002* DOE/EIA-0384 (2002); *Monthly Energy Review* DOE/EIA-0035; *Coal Data: A Reference* DOE/EIA-0064 (93) DOE/EIA-0035; and *Annual Coal Report* DOE/EIA-0584 (2002).

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 generation facilities. 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 power 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.

Beginning in 2001, the coke imports and exports data have been revised. In an effort to more accurately reflect U.S. coke imports and exports, two additional categories of the "Harmonized Tariff Schedule"<sup>1</sup> – "Coal coke and semicoke, commercially suitable for use as fuel" and "Other" are now included in the coke imports and exports totals.

All data for 2002 and prior years are final. All data for 2003 are preliminary. Coal production data for 1998 forward 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 are based on the annual survey Form EIA-7A, "Coal Production Report."

Coal, coke and breeze stocks 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 and State-level data, respectively.

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

<sup>1</sup> The "Harmonized Tariff Schedule" provides the statistical categories for all merchandise imported into the United States and is based on the international Harmonized System, the global classification system that is used to describe most world trade in goods.

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**Table 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1997-2003**  
(Thousand Short Tons)

Year and Quarter	Production <sup>1</sup>	Imports	Producer and Distributor Stocks <sup>2</sup>	Consumption <sup>3</sup>	Exports	Consumer Stocks <sup>2</sup>	Losses and Unaccounted For <sup>4</sup>
<b>1997</b>							
January - March .....	274,080	1,331	37,544	252,013	20,011	120,671	
April - June .....	270,136	1,708	42,529	239,937	20,603	127,588	
July - September .....	271,650	2,222	39,111	274,997	22,354	109,516	
October - December .....	274,065	2,226	33,973	263,598	20,576	106,401	
<b>Total .....</b>	<b>1,089,932</b>	<b>7,487</b>		<b>1,029,545</b>	<b>83,545</b>		<b>-4,418</b>
<b>1998</b>							
January - March .....	281,627	1,839	40,994	251,785	18,621	114,547	
April - June .....	274,869	2,193	38,331	248,737	20,749	124,345	
July - September .....	278,382	2,145	39,803	283,376	19,898	111,839	
October - December .....	282,657	2,547	36,530	253,203	18,780	128,072	
<b>Total .....</b>	<b>1,117,535</b>	<b>8,724</b>		<b>1,037,103</b>	<b>78,048</b>		<b>-13,118</b>
<b>1999</b>							
January - March .....	283,025	2,248	42,682	250,092	12,961	145,669	
April - June .....	266,420	2,098	41,701	248,458	14,449	153,466	
July - September .....	275,099	2,387	36,645	283,483	16,075	141,919	
October - December .....	275,888	2,357	39,475	256,615	14,991	149,115	
<b>Total .....</b>	<b>1,100,431</b>	<b>9,089</b>		<b>1,038,648</b>	<b>58,476</b>		<b>-11,592</b>
<b>2000</b>							
January - March .....	274,339	2,815	44,271	266,242	13,598	146,803	
April - June .....	261,257	2,745	42,179	254,661	14,379	140,918	
July - September .....	270,577	3,562	37,307	287,661	15,799	122,901	
October - December .....	267,439	3,391	31,905	275,531	14,713	108,377	
<b>Total .....</b>	<b>1,073,612</b>	<b>12,513</b>		<b>1,084,094</b>	<b>58,489</b>		<b>-8,150</b>
<b>2001</b>							
January - March .....	283,770	3,910	39,214	267,168	11,841	115,381	
April - June .....	279,394	4,124	38,554	253,001	13,500	132,967	
July - September .....	279,729	6,047	34,822	286,967	11,655	122,397	
October - December .....	284,796	5,707	35,900	253,009	11,671	146,012	
<b>Total .....</b>	<b>1,127,689</b>	<b>19,787</b>		<b>1,060,146</b>	<b>48,666</b>		<b>-2,966</b>
<b>2002</b>							
January - March .....	282,573	4,000	40,284	252,967	9,253	152,645	
April - June .....	266,667	3,857	41,288	252,960	11,043	158,720	
July - September .....	270,898	4,654	35,662	290,295	9,257	143,357	
October - December .....	274,145	4,365	43,257	270,133	10,050	148,870	
<b>Total .....</b>	<b>1,094,283</b>	<b>16,875</b>		<b>1,066,355</b>	<b>39,601</b>		<b>-5,012</b>
<b>2003</b>							
January - March .....	264,021	4,954	38,994 <sup>E</sup>	271,626	8,518	136,850	
April - June .....	268,322	6,393	37,678 <sup>E</sup>	253,004	11,450	147,971	
July - September .....	268,152	7,051	34,973 <sup>E</sup>	293,592	12,094	128,387	
October - December .....	269,001	6,645	36,781 <sup>E</sup>	NA	10,952	NA	
<b>Total .....</b>	<b>1,069,496</b>	<b>25,044</b>		<b>NA</b>	<b>43,014</b>		<b>NA</b>

<sup>1</sup> Beginning in 2001 includes refuse recovery.

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

<sup>3</sup> Includes coal consumed by independent power producers and combined heat and power plants not included in the other industrial, coke, and commercial sectors.

<sup>4</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

NA = Not Available.

Note: • Total may not equal sum of components because of independent rounding. Beginning with 1999, the first three quarters of Producer and Distributor Stocks data for each year are estimated.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6A, 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-6A, "Coal Distribution Report;" and "Short Term Energy Outlook" estimates; • 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-906, "Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants;" Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA 860B, "Annual Electric Generator Report Nonutility;" Form EIA-7A, "Coal Production Report;" and Form EIA-6A, "Coal Distribution Report."

**Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1997-2003**  
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
<b>1997</b>					
January - March .....	5,551	576	1,348	5,919	184
April - June .....	5,488	786	1,522	5,720	379
July - September .....	5,598	921	1,634	6,029	379
October - December .....	5,478	855	1,294	6,349	324
<b>Total .....</b>	<b>22,116</b>	<b>3,139</b>		<b>24,017</b>	<b>1,266</b>
<b>1998</b>					
January - March .....	4,812	766	952	5,723	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>23,108</b>	<b>1,129</b>
<b>1999</b>					
January - March .....	4,790	781	1,020	5,289	195
April - June .....	4,974	790	990	5,569	225
July - September .....	5,018	692	939	5,504	257
October - December .....	5,234	961	852	6,061	221
<b>Total .....</b>	<b>20,016</b>	<b>3,224</b>		<b>22,423</b>	<b>898</b>
<b>2000</b>					
January - March .....	5,146	906	817	5,876	211
April - June .....	5,403	1,015	905	6,046	284
July - September .....	5,275	1,073	959	6,044	252
October - December .....	4,983	787	1,054	5,276	399
<b>Total .....</b>	<b>20,808</b>	<b>3,781</b>		<b>23,242</b>	<b>1,146</b>
<b>2001</b>					
January - March .....	4,928	565	1,059	5,225	263
April - June .....	5,037	731	983	5,552	291
July - September .....	4,889	538	916	5,065	430
October - December .....	4,096	691	981	4,359	362
<b>Total .....</b>	<b>18,949</b>	<b>2,526</b>		<b>20,202</b>	<b>1,346</b>
<b>2002</b>					
January - March .....	3,894	559	909	4,385	140
April - June .....	4,128	425	850	4,408	204
July - September .....	4,374	1,168	647	5,585	160
October - December .....	4,382	1,090	606	5,224	288
<b>Total .....</b>	<b>16,778</b>	<b>3,242</b>		<b>19,603</b>	<b>792</b>
<b>2003</b>					
January - March .....	4,245	885	600	4,989	148
April - June .....	4,298	585	612	4,669	201
July - September .....	4,358	565	562	4,783	190
October - December .....	4,272	723	380	4,995	182
<b>Total .....</b>	<b>17,173</b>	<b>2,759</b>		<b>19,436</b>	<b>722</b>

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

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

Note: • 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, "Quarterly Coal Consumption and Quality Report - Coke Plants" • 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."

**Table 3. Coal Statistics for Synthetic Fuel Plants**  
(Thousand Short Tons)

Year and Quarter	Coal Receipts	Average Price of Coal Receipts	Coal Used	Coal Stocks <sup>1</sup>
<b>2001</b>				
January - March .....	9,409	26.69	9,326	287
April - June .....	11,370	28.19	11,158	523
July - September .....	13,261	31.08	13,309	507
October - December .....	15,286	32.61	14,578	631
<b>Total .....</b>	<b>49,326</b>	<b>30.05</b>	<b>48,372</b>	
<b>2002</b>				
January - March .....	17,635	32.27	17,237	970
April - June .....	20,367	31.48	20,652	771
July - September .....	23,578	31.87	23,248	1,128
October - December .....	23,600	32.02	23,789	951
<b>Total .....</b>	<b>85,180</b>	<b>31.90</b>	<b>84,925</b>	
<b>2003</b>				
January - March .....	26,558	32.10	26,334	1,210
April - June .....	31,327	32.71	31,077	1,455
July - September .....	27,911	33.13	28,110	1,287
October - December .....	29,380	33.52	29,787	1,132
<b>Total .....</b>	<b>115,177</b>	<b>32.88</b>	<b>115,309</b>	

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

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

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



# Production

**Table 4. U.S. Coal Production, 1997-2003**  
(Thousand Short Tons)

Year <sup>1</sup>	January - March	April - June	July - September	October - December	Year to Date
1997 .....	274,080	270,136	271,650	274,065	1,089,932
1998 .....	281,627	274,869	278,382	282,657	1,117,535
1999 .....	283,025	266,420	275,099	275,888	1,100,431
2000 .....	274,339	261,257	270,577	267,439	1,073,612
2001 .....	283,770	279,394	279,729	284,796	1,127,689
2002 .....	282,573	266,667	270,898	274,145	1,094,283
2003 .....	264,021	268,322	268,152	269,001	1,069,496

<sup>1</sup> Beginning in 2001 includes refuse recovery.

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

Source: • 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. Coal Production by State**  
(Thousand Short Tons)

Coal-Producing Region and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Alabama.....	4,945	4,791	4,568	20,048	18,931	5.9
Alaska.....	441	202	197	1,081	1,146	-5.6
Arizona.....	3,138	3,115	3,351	12,059	12,804	-5.8
Arkansas.....	2	1	3	8	14	-45.1
Colorado.....	9,264	9,669	8,704	35,749	35,103	1.8
Illinois.....	7,759	7,059	7,815	31,640	33,314	-5.0
Indiana.....	9,262	8,799	8,425	35,409	35,337	0.2
Kansas.....	33	33	54	154	205	-24.9
Kentucky Total.....	27,614	27,717	28,587	113,118	124,142	-8.9
Eastern.....	22,338	22,857	22,893	91,707	99,398	-7.7
Western.....	5,276	4,859	5,694	21,411	24,744	-13.5
Louisiana.....	1,046	1,041	1,096	4,028	3,803	5.9
Maryland.....	1,155	1,159	1,185	5,066	5,147	-1.6
Mississippi.....	936	890	750	3,695	2,305	60.3
Missouri.....	143	140	77	533	248	115.1
Montana.....	10,219	9,625	9,681	36,994	37,386	-1.0
New Mexico.....	6,062	6,350	7,847	25,835	28,916	-10.7
North Dakota.....	7,972	7,831	8,125	30,775	30,799	-0.1
Ohio.....	5,589	5,586	5,742	21,990	21,157	3.9
Oklahoma.....	488	415	330	1,782	1,406	26.7
Pennsylvania Total.....	15,293	16,187	16,374	63,695	68,393	-6.9
Anthracite.....	335	282	339	1,239	1,303	-4.9
Bituminous.....	14,959	15,905	16,034	62,455	67,090	-6.9
Tennessee.....	681	589	652	2,564	3,166	-19.0
Texas.....	12,163	12,747	11,595	47,517	45,247	5.0
Utah.....	5,071	4,986	6,617	23,069	25,304	-8.8
Virginia.....	8,013	7,898	7,744	31,545	29,956	5.3
Washington.....	1,572	1,758	1,635	6,232	5,827	6.9
West Virginia Total.....	33,419	33,082	35,875	138,412	150,078	-7.8
Northern.....	9,080	8,030	8,779	34,946	34,032	2.7
Southern.....	24,339	25,052	27,096	103,466	116,045	-10.8
Wyoming.....	96,478	96,181	96,928	375,511	373,161	0.6
<b>Appalachian Total.....</b>	<b>91,433</b>	<b>92,148</b>	<b>95,033</b>	<b>375,026</b>	<b>396,226</b>	<b>-5.4</b>
<b>Interior Total.....</b>	<b>37,110</b>	<b>35,984</b>	<b>35,840</b>	<b>146,177</b>	<b>146,622</b>	<b>-0.3</b>
<b>Western Total.....</b>	<b>140,216</b>	<b>139,718</b>	<b>143,086</b>	<b>547,307</b>	<b>550,446</b>	<b>-0.6</b>
<b>East of the Miss. River.....</b>	<b>114,667</b>	<b>113,755</b>	<b>117,719</b>	<b>467,182</b>	<b>491,927</b>	<b>-5.0</b>
<b>West of the Miss. River.....</b>	<b>154,092</b>	<b>154,096</b>	<b>156,241</b>	<b>601,328</b>	<b>601,368</b>	
<b>U.S. Subtotal.....</b>	<b>268,759</b>	<b>267,850</b>	<b>273,959</b>	<b>1,068,510</b>	<b>1,093,295</b>	<b>-2.3</b>
<b>Refuse Recovery.....</b>	<b>242</b>	<b>302</b>	<b>185</b>	<b>987</b>	<b>988</b>	<b>-0.1</b>
<b>U.S. Total.....</b>	<b>269,001</b>	<b>268,152</b>	<b>274,145</b>	<b>1,069,496</b>	<b>1,094,283</b>	<b>-2.3</b>

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

Source: • Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."

**Table 6. Coke and Breeze Production at Coke Plants**  
(Thousand Short Tons)

Census Division	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Mid Atlantic Total .....	W	W	W	W	W	W
East North Central Total .....	2,151	2,188	2,198	8,642	8,287	4.3
South Atlantic Total .....	W	W	W	W	W	W
East South Central Total .....	533	542	497	2,068	1,925	7.4
<b>U.S. Total .....</b>	<b>4,592</b>	<b>4,690</b>	<b>4,704</b>	<b>18,448</b>	<b>17,924</b>	<b>2.9</b>
<b>Coke Total .....</b>	<b>4,272</b>	<b>4,358</b>	<b>4,382</b>	<b>17,173</b>	<b>16,778</b>	<b>2.4</b>
<b>Breeze Total.....</b>	<b>320</b>	<b>333</b>	<b>322</b>	<b>1,275</b>	<b>1,146</b>	<b>11.3</b>

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

## **Exports and Imports**

**Table 7. U.S. Coal Exports and Imports, 1997-2003**  
(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
1997 .....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,544	7,487
1998 .....	18,621	1,839	20,749	2,193	19,898	2,145	18,780	2,547	78,048	8,724
1999 .....	12,961	2,248	14,449	2,098	16,075	2,387	14,991	2,357	58,476	9,089
2000 .....	13,598	2,815	14,379	2,745	15,799	3,562	14,713	3,391	58,489	12,513
2001 .....	11,841	3,910	13,500	4,124	11,655	6,047	11,671	5,707	48,666	19,787
2002 .....	9,253	4,000	11,043	3,857	9,257	4,654	10,050	4,365	39,601	16,875
2003 .....	8,518	4,954	11,450	6,393	12,094	7,051	10,952	6,645	43,014	25,044

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

Source: • 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. Average Price of U.S. Coal Exports and Imports, 1997-2003**  
(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	38.89	32.18
1999 .....	40.55	30.86	36.70	30.06	33.97	30.01	35.54	32.10	36.50	30.77
2000 .....	35.82	29.81	34.31	31.16	35.03	29.71	34.48	29.90	34.90	30.10
2001 .....	35.47	32.00	35.88	33.84	38.22	34.04	38.50	35.46	36.97	34.00
2002 .....	39.57	36.17	40.77	35.83	42.93	35.38	38.58	34.78	40.44	35.51
2003 .....	39.72	31.65	35.67	31.17	33.19	31.23	36.49	31.80	35.98	31.45

Note: • Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. Total may not equal sum of components because of independent rounding.

Source: • 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 9. Quantity and Average Price of U.S. Coal Imports by Origin, 1997-2003**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	Malaysia	Venezuela	Other Countries	Total
<b>Quantity</b>								
<b>1997</b> .....	116	1,212	3,117	1,426	-	1,514	103	<b>7,487</b>
<b>1998</b> .....	93	1,166	3,478	1,414	-	2,482	91	<b>8,724</b>
<b>1999</b> .....	161	979	4,553	1,138	-	2,090	167	<b>9,089</b>
<b>2000</b> .....	168	1,923	7,637	718	-	2,039	28	<b>12,513</b>
<b>2001</b> .....	316	2,571	11,176	882	-	3,335	1,506	<b>19,787</b>
<b>2002</b>								
January - March .....	137	454	2,136	264	-	766	243	<b>4,000</b>
April - June .....	280	542	1,963	249	-	773	50	<b>3,857</b>
July - September .....	224	553	2,477	312	-	1,069	19	<b>4,654</b>
October - December .....	180	561	2,630	137	-	742	115	<b>4,365</b>
<b>Total</b> .....	<b>821</b>	<b>2,111</b>	<b>9,205</b>	<b>962</b>	-	<b>3,350</b>	<b>426</b>	<b>16,875</b>
<b>2003</b>								
January - March .....	40	405	3,316	567	-	619	7	<b>4,954</b>
April - June .....	97	505	3,641	564	-	1,343	243	<b>6,393</b>
July - September .....	27	576	4,393	486	-	1,537	32	<b>7,051</b>
October - December .....	167	613	4,129	487	-	1,125	124	<b>6,645</b>
<b>Total</b> .....	<b>330</b>	<b>2,099</b>	<b>15,479</b>	<b>2,105</b>	-	<b>4,625</b>	<b>406</b>	<b>25,044</b>
<b>Average Price</b>								
<b>1997</b> .....	\$33.47	\$38.11	\$32.11	\$32.82	-	\$33.26	\$49.12	<b>\$33.50</b>
<b>1998</b> .....	31.89	35.40	31.21	34.13	-	31.09	36.29	<b>32.19</b>
<b>1999</b> .....	27.26	35.03	29.17	43.15	-	31.99	27.50	<b>31.50</b>
<b>2000</b> .....	28.88	38.10	26.25	43.38	-	30.58	35.99	<b>29.71</b>
<b>2001</b> .....	36.00	44.01	29.49	42.51	-	37.53	34.22	<b>33.72</b>
<b>2002</b>								
January - March .....	41.33	47.35	31.56	33.64	-	42.01	32.99	<b>35.82</b>
April - June .....	37.88	43.51	31.72	34.01	-	38.71	37.75	<b>35.37</b>
July - September .....	38.03	43.88	30.56	38.05	-	39.04	38.47	<b>34.91</b>
October - December .....	37.98	46.17	29.94	34.93	-	35.77	28.88	<b>33.44</b>
<b>Total</b> .....	<b>38.52</b>	<b>45.14</b>	<b>30.86</b>	<b>35.35</b>	-	<b>38.92</b>	<b>32.69</b>	<b>34.85</b>
<b>2003</b>								
January - March .....	29.84	48.18	29.18	31.46	-	32.23	-	<b>31.16</b>
April - June .....	32.13	45.59	27.52	31.49	-	33.71	28.75	<b>30.63</b>
July - September .....	31.10	47.05	27.98	30.09	-	34.57	25.40	<b>31.09</b>
October - December .....	36.49	48.23	29.15	21.64	-	33.69	38.36	<b>31.48</b>
<b>Total</b> .....	<b>33.97</b>	<b>47.26</b>	<b>28.44</b>	<b>29.12</b>	-	<b>33.79</b>	<b>31.19</b>	<b>31.09</b>

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. 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 8. 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 10. U.S. Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>5,838,069</b>	<b>7,324,868</b>	<b>5,313,853</b>	<b>21,936,907</b>	<b>17,589,345</b>	<b>24.7</b>
Canada <sup>1</sup> .....	5,621,019	7,065,867	5,120,223	20,760,246	16,685,575	24.4
Dominican Republic .....	22,961	4,705	23,035	58,903	70,115	-16.0
Mexico .....	193,100	253,942	169,827	1,067,628	797,607	33.9
Other <sup>2</sup> .....	989	354	768	50,130	36,048	39.1
<b>South America Total</b> .....	<b>1,103,601</b>	<b>660,252</b>	<b>1,158,014</b>	<b>3,798,689</b>	<b>3,758,007</b>	<b>1.1</b>
Argentina .....	41,992	101,814	99,890	240,748	189,716	26.9
Brazil .....	1,047,062	544,679	1,054,140	3,514,073	3,538,237	-0.7
Other <sup>2</sup> .....	14,547	13,759	3,984	43,868	30,054	46.0
<b>Europe Total</b> .....	<b>3,334,598</b>	<b>3,709,480</b>	<b>3,208,914</b>	<b>15,148,328</b>	<b>15,573,722</b>	<b>-2.7</b>
Belgium .....	355,952	276,726	538,370	1,816,300	2,371,079	-23.4
Bulgaria .....	147,732	74,666	72,653	588,757	234,171	151.4
Finland .....	-	169,876	38,084	292,441	161,622	80.9
France .....	252,959	231,921	552,340	1,278,020	1,305,294	-2.1
Germany, Federal Republic of .....	307,999	154,843	-	535,091	958,094	-44.2
Iceland .....	30,009	15,467	29,197	91,283	96,235	-5.1
Ireland .....	-	-	263,137	238,216	697,331	-65.8
Italy .....	678,609	614,508	471,380	2,826,449	3,077,369	-8.2
Netherlands .....	493,170	425,602	297,290	1,993,418	1,649,567	20.8
Portugal .....	56,874	252,913	-	447,589	126,319	254.3
Spain .....	389,724	511,932	366,105	1,771,178	1,913,832	-7.5
Sweden .....	79,328	164,835	58,105	381,659	433,130	-11.9
Turkey .....	122,062	361,088	246,508	1,096,619	580,013	89.1
United Kingdom .....	352,309	298,832	253,019	1,479,515	1,902,192	-22.2
Other <sup>2</sup> .....	67,871	156,271	22,726	311,793	67,474	362.1
<b>Asia Total</b> .....	<b>216,830</b>	<b>13,283</b>	<b>76,368</b>	<b>266,321</b>	<b>1,734,709</b>	<b>-84.6</b>
Israel .....	22	-	22	44	130,737	-100.0
Japan .....	2,006	344	1,042	6,398	1,253,309	-99.5
Korea, Republic of (South Korea) .....	194,722	8	69,597	195,168	300,723	-35.1
Other <sup>2</sup> .....	20,080	12,931	5,707	64,711	49,940	29.6
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>44</b>	<b>165</b>	<b>510</b>	<b>3,138</b>	<b>-83.7</b>
Other <sup>2</sup> .....	-	44	165	510	3,138	-83.7
<b>Africa Total</b> .....	<b>458,890</b>	<b>386,017</b>	<b>292,270</b>	<b>1,862,753</b>	<b>942,320</b>	<b>97.7</b>
Algeria .....	66,499	141,813	129,563	407,376	321,799	26.6
Egypt .....	322,659	239,282	161,277	953,833	463,621	105.7
Morocco .....	64,479	-	-	484,984	140,166	246.0
Other <sup>2</sup> .....	5,253	4,922	1,430	16,560	16,734	-1.0
<b>Total</b> .....	<b>10,951,988</b>	<b>12,093,944</b>	<b>10,049,584</b>	<b>43,013,508</b>	<b>39,601,241</b>	<b>8.6</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 coal exports less than or equal to 50,000 short tons in 2002.

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

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>\$34.69</b>	<b>\$34.54</b>	<b>\$36.86</b>	<b>\$35.02</b>	<b>\$36.37</b>	<b>-3.7</b>
Canada <sup>1</sup> .....	34.24	34.09	36.43	34.53	36.03	-4.2
Dominican Republic .....	-	34.47	-	34.47	36.36	-5.2
Mexico .....	45.30	42.77	46.83	42.69	42.71	*
Other <sup>2</sup> .....	40.70	20.01	40.78	32.79	39.67	-17.3
<b>South America Total</b> .....	<b>43.08</b>	<b>38.00</b>	<b>46.84</b>	<b>43.89</b>	<b>46.35</b>	<b>-5.3</b>
Argentina .....	35.06	33.99	40.18	37.26	36.37	2.5
Brazil .....	43.50	38.80	47.50	44.42	46.92	-5.3
Other <sup>2</sup> .....	36.16	35.89	39.47	36.73	40.02	-8.2
<b>Europe Total</b> .....	<b>43.14</b>	<b>42.43</b>	<b>45.59</b>	<b>43.58</b>	<b>43.72</b>	<b>-0.3</b>
Belgium .....	42.73	38.33	44.13	42.62	43.71	-2.5
Bulgaria .....	45.26	40.24	50.80	43.48	47.55	-8.6
Finland .....	-	43.99	45.13	39.19	43.91	-10.7
France .....	50.02	50.79	49.93	50.40	49.86	1.1
Germany, Federal Republic of .....	27.86	30.55	-	28.74	31.40	-8.4
Iceland .....	57.76	57.62	56.25	57.24	55.78	2.6
Ireland .....	-	-	25.63	28.52	28.79	-1.0
Italy .....	49.48	48.70	50.81	49.24	49.25	*
Netherlands .....	40.48	39.68	49.12	42.69	47.49	-10.1
Portugal .....	36.43	30.52	-	31.27	33.16	-5.7
Spain .....	40.35	43.00	51.10	43.13	40.25	7.1
Sweden .....	49.44	49.90	49.44	49.64	49.77	-0.3
Turkey .....	51.20	43.71	43.76	43.49	45.32	-4.1
United Kingdom .....	43.35	46.80	38.06	43.03	40.10	7.3
Other <sup>2</sup> .....	34.92	27.27	50.99	28.36	44.22	-35.9
<b>Asia Total</b> .....	<b>27.15</b>	<b>40.06</b>	<b>26.35</b>	<b>30.99</b>	<b>34.51</b>	<b>-10.2</b>
Israel .....	-	-	-	-	31.98	-
Japan .....	40.84	-	42.40	42.70	36.54	16.9
Korea, Republic of (South Korea) .....	24.32	-	25.10	24.35	25.04	-2.8
Other <sup>2</sup> .....	47.34	40.06	40.03	45.23	45.62	-0.9
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.90</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	-	-	39.90	-
<b>Africa Total</b> .....	<b>43.53</b>	<b>44.26</b>	<b>44.48</b>	<b>41.31</b>	<b>40.32</b>	<b>2.5</b>
Algeria .....	47.91	47.91	48.53	48.18	50.33	-4.3
Egypt .....	42.21	42.18	41.26	40.44	36.87	9.7
Morocco .....	44.19	-	-	37.15	28.76	29.2
Other <sup>2</sup> .....	39.90	39.90	39.89	39.91	40.26	-0.9
<b>Total</b> <sup>3</sup> .....	<b>38.78</b>	<b>38.20</b>	<b>41.50</b>	<b>39.80</b>	<b>40.40</b>	<b>-1.5</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>36.49</b>	<b>33.19</b>	<b>38.58</b>	<b>35.98</b>	<b>40.44</b>	<b>-11.0</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 coal exports less than or equal to 50,000 short tons in 2002.

<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. Therefore, the total price column in this table will not equal the U.S. total prices in Table 8.

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

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

Note: • 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 12. U.S. Steam Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>4,541,956</b>	<b>5,982,877</b>	<b>3,848,880</b>	<b>17,402,566</b>	<b>12,189,079</b>	<b>42.8</b>
Canada <sup>2</sup> .....	4,503,754	5,968,663	3,819,352	17,163,143	11,971,515	43.4
Dominican Republic .....	22,961	4,705	23,035	58,903	70,115	-16.0
Mexico .....	14,252	9,155	5,725	130,390	111,401	17.0
Other <sup>3</sup> .....	989	354	768	50,130	36,048	39.1
<b>South America Total</b> .....	<b>124,341</b>	<b>94,103</b>	<b>6,435</b>	<b>248,572</b>	<b>54,321</b>	<b>357.6</b>
Argentina .....	1,121	996	1,265	3,870	3,826	1.2
Brazil .....	108,673	79,348	1,186	200,834	20,441	( <sup>1</sup> )
Other <sup>3</sup> .....	14,547	13,759	3,984	43,868	30,054	46.0
<b>Europe Total</b> .....	<b>790,424</b>	<b>716,441</b>	<b>563,587</b>	<b>2,802,654</b>	<b>3,936,171</b>	<b>-28.8</b>
Belgium .....	158,655	81,787	125,536	395,547	508,491	-22.2
Finland .....	-	-	-	72,422	-	-
France .....	-	-	338	344	347	-0.9
Germany, Federal Republic of .....	239,904	79,582	-	391,735	561,657	-30.3
Ireland .....	-	-	263,137	238,216	697,331	-65.8
Italy .....	350	316	357	69,098	480,942	-85.6
Netherlands .....	187,207	81,152	1,322	510,301	235,261	116.9
Portugal .....	56,874	252,913	-	447,589	126,319	254.3
Spain .....	700	71,297	73,366	141,137	678,850	-79.2
Sweden .....	-	74	-	74	-	-
Turkey .....	1,313	851	5,542	4,058	10,209	-60.3
United Kingdom .....	80,911	22	93,989	239,290	614,098	-61.0
Other <sup>3</sup> .....	64,510	148,447	-	292,843	22,666	( <sup>1</sup> )
<b>Asia Total</b> .....	<b>207,836</b>	<b>13,283</b>	<b>76,324</b>	<b>244,951</b>	<b>1,717,227</b>	<b>-85.7</b>
Israel .....	22	-	22	44	130,737	-100.0
Japan .....	2,006	344	1,042	4,922	1,253,309	-99.6
Korea, Republic of (South Korea) .....	194,722	8	69,597	195,168	300,723	-35.1
Other <sup>3</sup> .....	11,086	12,931	5,663	44,817	32,458	38.1
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>44</b>	<b>165</b>	<b>510</b>	<b>3,138</b>	<b>-83.7</b>
Other <sup>3</sup> .....	-	44	165	510	3,138	-83.7
<b>Africa Total</b> .....	<b>70,549</b>	<b>7,336</b>	<b>2,637</b>	<b>224,367</b>	<b>166,215</b>	<b>35.0</b>
Algeria .....	-	-	-	-	5,952	-
Egypt .....	817	2,414	1,207	4,650	3,363	38.3
Morocco .....	64,479	-	-	203,157	140,166	44.9
Other <sup>3</sup> .....	5,253	4,922	1,430	16,560	16,734	-1.0
<b>Total</b> .....	<b>5,735,106</b>	<b>6,814,084</b>	<b>4,498,028</b>	<b>20,923,620</b>	<b>18,066,151</b>	<b>15.8</b>

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

<sup>2</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>3</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2002.

Note: • 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 13. Average Price of U.S. Steam Coal Exports**  
(Dollars per Short Tons)

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>\$33.56</b>	<b>\$33.10</b>	<b>\$35.74</b>	<b>\$33.78</b>	<b>\$34.93</b>	<b>-3.3</b>
Canada <sup>1</sup> .....	33.54	33.10	35.73	33.83	34.87	-3.0
Dominican Republic .....	-	34.47	-	34.47	36.36	-5.2
Mexico .....	36.86	30.73	38.18	29.47	39.87	-26.1
Other <sup>2</sup> .....	40.70	20.01	40.78	32.79	39.67	-17.3
<b>South America Total</b> .....	<b>46.07</b>	<b>39.08</b>	<b>37.88</b>	<b>42.90</b>	<b>37.67</b>	<b>13.9</b>
Argentina .....	40.82	40.83	35.92	39.98	39.01	2.5
Brazil .....	47.43	39.62	34.48	44.07	34.98	26.0
Other <sup>2</sup> .....	36.16	35.89	39.47	36.73	40.02	-8.2
<b>Europe Total</b> .....	<b>30.60</b>	<b>27.72</b>	<b>27.20</b>	<b>29.05</b>	<b>30.23</b>	<b>-3.9</b>
Belgium .....	36.27	28.10	29.91	31.25	30.40	2.8
Finland .....	-	-	-	25.66	-	-
Germany, Federal Republic of .....	26.01	26.55	-	26.61	29.78	-10.6
Ireland .....	-	-	25.63	28.52	28.79	-1.0
Italy .....	-	50.53	50.54	41.77	38.84	7.6
Netherlands .....	28.25	23.86	29.65	29.13	29.97	-2.8
Portugal .....	36.43	30.52	-	31.27	33.16	-5.7
Spain .....	40.80	23.72	40.81	22.82	25.17	-9.4
Sweden .....	-	40.54	-	40.54	-	-
Turkey .....	40.78	40.74	40.47	40.69	40.68	*
United Kingdom .....	30.51	-	27.70	27.28	29.10	-6.3
Other <sup>2</sup> .....	34.92	27.27	-	28.36	34.62	-18.1
<b>Asia Total</b> .....	<b>25.40</b>	<b>40.06</b>	<b>26.35</b>	<b>28.08</b>	<b>34.29</b>	<b>-18.1</b>
Israel .....	-	-	-	-	31.98	-
Japan .....	40.84	-	42.40	36.21	36.54	-0.9
Korea, Republic of (South Korea) .....	24.32	-	25.10	24.35	25.04	-2.8
Other <sup>2</sup> .....	39.29	40.06	40.03	39.86	39.88	*
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.90</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	-	-	39.90	-
<b>Africa Total</b> .....	<b>43.82</b>	<b>39.90</b>	<b>40.08</b>	<b>37.59</b>	<b>30.02</b>	<b>25.2</b>
Algeria .....	-	-	-	-	25.36	-
Egypt .....	39.81	39.90	40.29	39.91	40.28	-0.9
Morocco .....	44.19	-	-	37.35	28.76	29.9
Other <sup>2</sup> .....	39.90	39.90	39.89	39.91	40.26	-0.9
<b>Total</b> <sup>3</sup> .....	<b>33.27</b>	<b>32.38</b>	<b>34.19</b>	<b>32.98</b>	<b>33.70</b>	<b>-2.1</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>29.66</b>	<b>25.52</b>	<b>29.79</b>	<b>26.94</b>	<b>34.51</b>	<b>-21.9</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 coal exports less than or equal to 50,000 short tons in 2002.

<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.

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

Note: • 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 14. U.S. Metallurgical Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>1,296,113</b>	<b>1,341,991</b>	<b>1,464,973</b>	<b>4,534,341</b>	<b>5,400,266</b>	<b>-16.0</b>
Canada <sup>1</sup> .....	1,117,265	1,097,204	1,300,871	3,597,103	4,714,060	-23.7
Mexico .....	178,848	244,787	164,102	937,238	686,206	36.6
<b>South America Total</b> .....	<b>979,260</b>	<b>566,149</b>	<b>1,151,579</b>	<b>3,550,117</b>	<b>3,703,686</b>	<b>-4.1</b>
Argentina .....	40,871	100,818	98,625	236,878	185,890	27.4
Brazil .....	938,389	465,331	1,052,954	3,313,239	3,517,796	-5.8
<b>Europe Total</b> .....	<b>2,544,174</b>	<b>2,993,039</b>	<b>2,645,327</b>	<b>12,345,674</b>	<b>11,637,551</b>	<b>6.1</b>
Belgium.....	197,297	194,939	412,834	1,420,753	1,862,588	-23.7
Bulgaria.....	147,732	74,666	72,653	588,757	234,171	151.4
Finland.....	-	169,876	38,084	220,019	161,622	36.1
France .....	252,959	231,921	552,002	1,277,676	1,304,947	-2.1
Germany, Federal Republic of .....	68,095	75,261	-	143,356	396,437	-63.8
Iceland.....	30,009	15,467	29,197	91,283	96,235	-5.1
Italy.....	678,259	614,192	471,023	2,757,351	2,596,427	6.2
Netherlands.....	305,963	344,450	295,968	1,483,117	1,414,306	4.9
Spain .....	389,024	440,635	292,739	1,630,041	1,234,982	32.0
Sweden.....	79,328	164,761	58,105	381,585	433,130	-11.9
Turkey.....	120,749	360,237	240,966	1,092,561	569,804	91.7
United Kingdom .....	271,398	298,810	159,030	1,240,225	1,288,094	-3.7
Other <sup>2</sup> .....	3,361	7,824	22,726	18,950	44,808	-57.7
<b>Asia Total</b> .....	<b>8,994</b>	<b>-</b>	<b>44</b>	<b>21,370</b>	<b>17,482</b>	<b>22.2</b>
Japan .....	-	-	-	1,476	-	-
Other <sup>2</sup> .....	8,994	-	44	19,894	17,482	13.8
<b>Africa Total</b> .....	<b>388,341</b>	<b>378,681</b>	<b>289,633</b>	<b>1,638,386</b>	<b>776,105</b>	<b>111.1</b>
Algeria .....	66,499	141,813	129,563	407,376	315,847	29.0
Egypt .....	321,842	236,868	160,070	949,183	460,258	106.2
Morocco.....	-	-	-	281,827	-	-
<b>Total</b> .....	<b>5,216,882</b>	<b>5,279,860</b>	<b>5,551,556</b>	<b>22,089,888</b>	<b>21,535,090</b>	<b>2.6</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 coal exports less than or equal to 50,000 short tons in 2002.

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

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>37.63</b>	<b>38.35</b>	<b>38.82</b>	<b>38.09</b>	<b>39.10</b>	<b>-2.6</b>
Canada <sup>1</sup> .....	36.32	37.29	37.78	36.62	38.52	-4.9
Mexico .....	45.87	43.14	47.04	44.68	43.07	3.7
<b>South America Total</b> .....	<b>42.70</b>	<b>37.82</b>	<b>46.89</b>	<b>43.95</b>	<b>46.45</b>	<b>-5.4</b>
Argentina .....	34.92	33.95	40.24	37.23	36.32	2.5
Brazil .....	43.04	38.66	47.52	44.44	46.99	-5.4
<b>Europe Total</b> .....	<b>47.03</b>	<b>45.96</b>	<b>48.98</b>	<b>46.88</b>	<b>48.10</b>	<b>-2.5</b>
Belgium.....	47.92	42.62	48.45	45.79	47.35	-3.3
Bulgaria.....	45.26	40.24	50.80	43.48	47.55	-8.6
Finland .....	-	43.99	45.13	43.65	43.91	-0.6
France .....	50.02	50.79	49.93	50.40	49.86	1.1
Germany, Federal Republic of .....	34.35	34.78	-	34.58	33.69	2.6
Iceland.....	57.76	57.62	56.25	57.24	55.78	2.6
Italy .....	49.48	48.70	50.81	49.43	51.17	-3.4
Netherlands.....	47.69	43.41	49.21	47.29	50.25	-5.9
Spain .....	40.35	46.11	51.13	44.88	46.76	-4.0
Sweden.....	49.44	49.90	49.44	49.64	49.77	-0.3
Turkey .....	51.31	43.71	43.77	43.50	45.34	-4.1
United Kingdom .....	47.18	46.80	44.18	46.06	45.34	1.6
Other <sup>2</sup> .....	-	-	50.99	-	51.23	-
<b>Asia Total</b> .....	<b>57.15</b>	-	-	<b>56.72</b>	<b>56.07</b>	<b>1.1</b>
Japan .....	-	-	-	50.81	-	-
Other <sup>2</sup> .....	57.15	-	-	57.16	56.07	1.9
<b>Africa Total</b> .....	<b>43.46</b>	<b>44.34</b>	<b>44.52</b>	<b>41.85</b>	<b>42.53</b>	<b>-1.6</b>
Algeria .....	47.91	47.91	48.53	48.18	50.80	-5.2
Egypt .....	42.22	42.21	41.27	40.45	36.85	9.8
Morocco.....	-	-	-	37.00	-	-
<b>Total</b> <sup>3</sup> .....	<b>43.62</b>	<b>43.03</b>	<b>45.63</b>	<b>44.29</b>	<b>45.36</b>	<b>-2.4</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>43.99</b>	<b>43.10</b>	<b>45.70</b>	<b>44.55</b>	<b>45.41</b>	<b>-1.9</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 coal exports less than or equal to 50,000 short tons in 2002.

<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.

Note: • 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 16. Coal Exports by Customs District**  
(Short Tons)

Customs District	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>Eastern Total</b> .....	<b>4,264,725</b>	<b>3,449,957</b>	<b>3,886,987</b>	<b>16,572,725</b>	<b>16,400,490</b>	<b>1.1</b>
Baltimore, MD.....	1,015,982	625,063	541,014	3,067,324	3,637,038	-15.7
Buffalo, NY.....	210,808	4,194	32,469	309,742	51,513	( <sup>1</sup> )
New York, NY.....	338	8,426	286	9,804	2,086	370.0
Norfolk, VA.....	2,996,542	2,736,799	3,208,998	12,948,619	12,134,052	6.7
Ogdensburg, NY.....	40,929	70,653	104,067	159,267	428,193	-62.8
Philadelphia, PA.....	-	4,683	-	9,301	79,342	-88.3
Portland, ME.....	126	-	-	68,173	67,526	1.0
St. Albans, VT.....	-	139	153	495	740	-33.1
<b>Southern Total</b> .....	<b>1,465,181</b>	<b>1,704,195</b>	<b>1,140,480</b>	<b>6,490,137</b>	<b>5,740,183</b>	<b>13.1</b>
Charleston, SC.....	-	-	21	422	398	6.0
El Paso, TX.....	-	-	-	21	72	-70.8
Houston-Galveston, TX.....	30,787	21,678	33,500	91,552	135,534	-32.5
Laredo, TX.....	182,391	247,986	168,073	960,079	794,892	20.8
Miami, FL.....	52	2,425	9	7,412	8,323	-10.9
Mobile, AL.....	888,878	1,041,705	829,931	4,225,883	4,040,041	4.6
New Orleans, LA.....	360,461	389,441	107,760	1,183,015	753,999	56.9
Savannah, GA.....	1,513	-	-	18,106	3,562	408.3
Tampa, FL.....	1,099	960	1,067	3,647	3,084	18.3
Wilmington, NC.....	-	-	119	-	278	-
<b>Western Total</b> .....	<b>208,868</b>	<b>43,952</b>	<b>72,060</b>	<b>316,037</b>	<b>1,572,265</b>	<b>-79.9</b>
Anchorage, AK.....	194,074	-	68,592	239,964	298,434	-19.6
Great Falls, MT.....	356	821	481	4,611	2,595	77.7
Los Angeles, CA.....	6,679	12,645	903	30,057	1,265,119	-97.6
Nogales, AZ.....	66	-	-	66	-	-
Portland, OR.....	-	29,948	-	29,948	-	-
San Diego, CA.....	6,460	175	226	6,831	1,115	( <sup>1</sup> )
San Francisco, CA.....	384	249	-	1,378	179	( <sup>1</sup> )
Seattle, WA.....	849	114	1,858	3,182	4,823	-34.0
<b>Northern Total</b> .....	<b>5,003,228</b>	<b>6,885,566</b>	<b>4,941,957</b>	<b>19,597,389</b>	<b>15,857,804</b>	<b>23.6</b>
Chicago, IL.....	146,783	39,818	-	206,158	-	-
Cleveland, OH.....	1,211,118	3,654,813	3,594,554	9,876,380	13,491,662	-26.8
Detroit, MI.....	2,349,795	826,455	106,873	3,358,722	427,640	( <sup>1</sup> )
Duluth, MN.....	1,287,403	2,347,790	1,234,962	6,112,504	1,917,693	218.7
Pembina, ND.....	8,129	16,690	5,568	43,625	20,809	109.6
<b>Other Ports</b> .....	<b>9,986</b>	<b>10,274</b>	<b>8,100</b>	<b>37,220</b>	<b>30,499</b>	<b>22.0</b>
<b>Total</b> .....	<b>10,951,988</b>	<b>12,093,944</b>	<b>10,049,584</b>	<b>43,013,508</b>	<b>39,601,241</b>	<b>8.6</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 17. U.S. Coke Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>153,334</b>	<b>168,101</b>	<b>287,262</b>	<b>555,164</b>	<b>720,290</b>	<b>-22.9</b>
Canada <sup>2</sup> .....	122,575	130,491	267,300	436,353	609,532	-28.4
Dominican Republic .....	-	-	-	-	449	-
Mexico .....	29,033	37,320	19,687	114,670	108,171	6.0
Other <sup>3</sup> .....	1,726	290	275	4,141	2,138	93.7
<b>South America Total</b> .....	<b>7,348</b>	<b>184</b>	<b>11</b>	<b>7,532</b>	<b>769</b>	<b>(<sup>1</sup>)</b>
Argentina .....	7,325	-	-	7,325	-	-
Other <sup>3</sup> .....	23	184	11	207	769	-73.1
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,631</b>	<b>117</b>	<b>(<sup>1</sup>)</b>
Belgium.....	-	-	-	65	49	32.7
Germany, Federal Republic of .....	-	-	-	-	67	-
Netherlands .....	-	-	-	1	1	-
Spain .....	-	-	-	72,565	-	-
<b>Asia Total</b> .....	<b>85</b>	<b>378</b>	<b>885</b>	<b>598</b>	<b>70,629</b>	<b>-99.2</b>
Japan .....	-	-	-	-	69,001	-
Korea, Republic of (South Korea).....	-	11	11	11	82	-86.6
Other <sup>3</sup> .....	85	367	874	587	1,546	-62.0
<b>Africa Total</b> .....	<b>21,388</b>	<b>21,514</b>	<b>-</b>	<b>85,855</b>	<b>29</b>	<b>(<sup>1</sup>)</b>
Algeria .....	-	8	-	8	-	-
Other <sup>3</sup> .....	21,388	21,506	-	85,847	29	( <sup>1</sup> )
<b>Total</b> .....	<b>182,155</b>	<b>190,177</b>	<b>288,158</b>	<b>721,780</b>	<b>791,834</b>	<b>-8.8</b>

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

<sup>2</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>3</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2002.

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 18. U.S. Coal Imports**  
(Short Tons)

Continent and Country of Origin	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>613,605</b>	<b>576,309</b>	<b>593,754</b>	<b>2,099,671</b>	<b>2,185,405</b>	<b>-3.9</b>
Canada .....	613,348	576,211	561,375	2,099,087	2,110,688	-0.5
Dominican Republic .....	257	98	393	584	899	-35.0
Mexico .....	-	-	-	-	41,832	-
Trinidad and Tobago .....	-	-	31,986	-	31,986	-
<b>South America Total</b> .....	<b>5,253,874</b>	<b>5,930,169</b>	<b>3,371,765</b>	<b>20,156,149</b>	<b>12,555,072</b>	<b>60.5</b>
Argentina .....	-	-	22	23	22	4.5
Chile.....	-	-	6	-	6	-
Colombia.....	4,129,078	4,392,892	2,629,991	15,479,019	9,205,161	68.2
Ecuador.....	-	-	-	52,191	-	-
Venezuela .....	1,124,796	1,537,277	741,746	4,624,916	3,349,883	38.1
<b>Europe Total</b> .....	<b>22,193</b>	<b>606</b>	<b>43,913</b>	<b>69,429</b>	<b>209,644</b>	<b>-66.9</b>
Italy .....	-	-	-	-	121	-
Netherlands .....	-	-	-	152	-	-
Poland .....	-	-	43,843	-	121,660	-
Russia.....	22,105	-	-	68,560	87,586	-21.7
United Kingdom .....	88	606	70	717	277	158.8
<b>Asia Total</b> .....	<b>509,922</b>	<b>516,789</b>	<b>175,147</b>	<b>2,256,636</b>	<b>1,026,714</b>	<b>119.8</b>
China.....	20,818	30,846	38,058	149,904	62,185	141.1
India .....	2,000	-	173	2,000	2,055	-2.7
Indonesia.....	487,104	485,943	136,916	2,104,731	962,474	118.7
Syria.....	-	-	-	1	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>167,360</b>	<b>27,448</b>	<b>179,926</b>	<b>383,821</b>	<b>821,280</b>	<b>-53.3</b>
Australia.....	166,552	27,448	179,926	330,337	821,280	-59.8
New Zealand.....	808	-	-	53,484	-	-
<b>Africa Total</b> .....	<b>78,264</b>	<b>-</b>	<b>-</b>	<b>78,264</b>	<b>77,314</b>	<b>1.2</b>
South Africa, Republic of.....	78,264	-	-	78,264	77,314	1.2
<b>Total</b> .....	<b>6,645,218</b>	<b>7,051,321</b>	<b>4,364,505</b>	<b>25,043,970</b>	<b>16,875,429</b>	<b>48.4</b>

Note: • 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 545."

**Table 19. Average Price of U.S. Coal Imports**  
(Dollars per Short Ton)

Continent and County of Origin	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>\$48.23</b>	<b>\$47.05</b>	<b>\$46.17</b>	<b>\$47.26</b>	<b>\$44.79</b>	<b>5.5</b>
Canada .....	48.23	47.05	46.17	47.26	45.14	4.7
Mexico .....	-	-	-	-	28.30	-
<b>South America Total</b> .....	<b>30.12</b>	<b>29.69</b>	<b>31.22</b>	<b>29.69</b>	<b>33.01</b>	<b>-10.1</b>
Colombia.....	29.15	27.98	29.94	28.44	30.86	-7.8
Ecuador.....	-	-	-	36.47	-	-
Venezuela .....	33.69	34.57	35.77	33.79	38.92	-13.2
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>33.59</b>	<b>36.29</b>	<b>35.31</b>	<b>2.8</b>
Italy.....	-	-	-	-	33.52	-
Poland .....	-	-	33.59	-	33.31	-
Russia.....	-	-	-	36.29	38.10	-4.8
<b>Asia Total</b> .....	<b>21.64</b>	<b>29.98</b>	<b>32.48</b>	<b>28.95</b>	<b>34.91</b>	<b>-17.1</b>
China.....	-	25.40	23.10	25.18	23.27	8.2
Indonesia.....	21.64	30.09	34.93	29.12	35.35	-17.6
<b>Oceania &amp; Australia Total</b> .....	<b>36.50</b>	<b>31.10</b>	<b>37.98</b>	<b>32.45</b>	<b>38.52</b>	<b>-15.8</b>
Australia.....	36.49	31.10	37.98	33.97	38.52	-11.8
New Zealand.....	38.49	-	-	22.92	-	-
<b>Africa Total</b> .....	<b>38.36</b>	<b>-</b>	<b>-</b>	<b>38.36</b>	<b>32.36</b>	<b>18.5</b>
South Africa, Republic of.....	38.36	-	-	38.36	32.36	18.5
<b>Total<sup>1</sup></b> .....	<b>31.48</b>	<b>31.09</b>	<b>33.44</b>	<b>31.09</b>	<b>34.85</b>	<b>-10.8</b>
<b>U.S. Total<sup>2</sup></b> .....	<b>31.80</b>	<b>31.23</b>	<b>34.78</b>	<b>31.45</b>	<b>35.51</b>	<b>-11.4</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.

Note: • 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 20. Coal Imports by Customs District**  
(Short Tons)

Customs District	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>Eastern Total</b> .....	<b>2,294,114</b>	<b>1,962,857</b>	<b>1,358,097</b>	<b>8,000,046</b>	<b>4,871,568</b>	<b>64.2</b>
Baltimore, MD.....	245,021	101,307	46,572	533,084	321,518	65.8
Boston, MA.....	1,241,410	953,252	740,456	4,482,809	2,233,205	100.7
Buffalo, NY.....	-	-	-	1	-	-
New York, NY.....	260,242	291,876	218,583	949,012	871,142	8.9
Ogdensburg, NY.....	-	98	-	98	-	-
Philadelphia, PA.....	154,010	200,126	109,680	697,952	702,509	-0.6
Portland, ME.....	280,077	281,469	207,525	1,010,883	682,377	48.1
Providence, RI.....	113,354	134,729	35,281	326,207	60,817	436.4
<b>Southern Total</b> .....	<b>3,570,419</b>	<b>4,306,890</b>	<b>2,353,495</b>	<b>14,153,727</b>	<b>9,299,086</b>	<b>52.2</b>
Charleston, SC.....	122,052	-	-	164,459	-	-
Houston-Galveston, TX.....	-	40,711	28,940	40,712	139,221	-70.8
Laredo, TX.....	-	-	-	-	14,343	-
Miami, FL.....	28,937	34,613	28	63,573	87,614	-27.4
Mobile, AL.....	1,973,663	2,400,013	1,432,194	8,174,890	5,550,573	47.3
New Orleans, LA.....	242,413	341,595	118,227	952,708	750,284	27.0
San Juan, PR.....	341,867	462,019	410,139	1,448,161	984,314	47.1
Savannah, GA.....	142,185	206,602	144,068	569,489	428,226	33.0
Tampa, FL.....	625,499	692,528	180,168	2,305,165	1,304,780	76.7
Wilmington, NC.....	93,803	128,809	39,731	434,570	39,731	( <sup>1</sup> )
<b>Western Total</b> .....	<b>284,084</b>	<b>249,120</b>	<b>133,245</b>	<b>1,015,415</b>	<b>768,986</b>	<b>32.0</b>
Great Falls, MT.....	52,298	4,775	5,769	60,652	13,247	357.9
Honolulu, HI.....	202,291	204,790	91,468	825,317	586,502	40.7
Los Angeles, CA.....	2,179	65	-	2,244	-	-
Portland, OR.....	-	-	-	-	7,308	-
San Francisco, CA.....	-	-	-	5,256	-	-
Seattle, WA.....	27,316	39,490	36,008	121,946	161,929	-24.7
<b>Northern Total</b> .....	<b>496,601</b>	<b>532,454</b>	<b>519,668</b>	<b>1,874,782</b>	<b>1,935,789</b>	<b>-3.2</b>
Cleveland, OH.....	30,936	48,439	-	105,844	-	-
Detroit, MI.....	149,684	154,678	154,661	420,522	502,006	-16.2
Duluth, MN.....	9,708	7,499	6,988	35,505	57,211	-37.9
Pembina, ND.....	306,273	321,838	358,019	1,312,911	1,376,572	-4.6
<b>Total</b> .....	<b>6,645,218</b>	<b>7,051,321</b>	<b>4,364,505</b>	<b>25,043,970</b>	<b>16,875,429</b>	<b>48.4</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 IM 145."

**Table 21. U.S. Coke Imports**  
(Short Tons)

Continent and Country of Origin	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North America Total</b> .....	<b>51,194</b>	<b>4,069</b>	<b>20,514</b>	<b>137,537</b>	<b>105,660</b>	<b>30.2</b>
Canada.....	51,194	4,069	20,514	137,537	105,660	30.2
<b>South America Total</b> .....	<b>-</b>	<b>48,202</b>	<b>-</b>	<b>66,390</b>	<b>-</b>	<b>-</b>
Colombia.....	-	48,202	-	66,390	-	-
<b>Europe Total</b> .....	<b>26,940</b>	<b>22</b>	<b>42,816</b>	<b>57,442</b>	<b>129,887</b>	<b>-55.8</b>
Germany, Federal Republic of.....	22	22	51	210	185	13.5
Netherlands.....	-	-	-	-	43,132	-
Poland.....	26,918	-	42,765	57,232	42,765	33.8
Spain.....	-	-	-	-	43,805	-
<b>Asia Total</b> .....	<b>628,740</b>	<b>513,176</b>	<b>988,239</b>	<b>2,456,831</b>	<b>2,929,039</b>	<b>-16.1</b>
China.....	310,693	152,230	595,037	1,061,992	1,374,602	-22.7
Japan.....	318,047	360,946	393,202	1,394,839	1,554,437	-10.3
<b>Africa Total</b> .....	<b>15,939</b>	<b>-</b>	<b>38,581</b>	<b>40,484</b>	<b>77,162</b>	<b>-47.5</b>
Egypt.....	15,939	-	38,581	40,484	77,162	-47.5
<b>Total</b> .....	<b>722,813</b>	<b>565,469</b>	<b>1,090,150</b>	<b>2,758,684</b>	<b>3,241,748</b>	<b>-14.9</b>

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 22. Coal Receipts at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Mid Atlantic .....	W	W	W	W	W	W
East North Central .....	2,729	2,697	2,914	11,252	11,184	0.6
South Atlantic .....	W	W	W	W	W	W
East South Central.....	622	624	585	2,452	2,335	5.0
<b>U.S. Total.....</b>	<b>5,828</b>	<b>5,765</b>	<b>6,051</b>	<b>23,723</b>	<b>23,655</b>	<b>0.3</b>

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 23. Average Price of Coal Receipts at Coke Plants by Census Division**  
(Dollars per Short Tons)

Census Division	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Mid Atlantic .....	W	W	W	W	W	W
East North Central .....	53.97	52.46	52.62	52.94	52.80	0.2
South Atlantic .....	W	W	W	W	W	W
East South Central.....	48.14	47.39	49.76	48.20	50.03	-3.7
<b>U.S. Total.....</b>	<b>51.70</b>	<b>50.14</b>	<b>51.09</b>	<b>50.63</b>	<b>50.67</b>	<b>*</b>

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

Note: • 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, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 24. Coal Receipts at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
New Jersey .....	W	W	W	W	W	W
New York .....	253	320	295	1,044	1,165	-10.4
Pennsylvania .....	799	748	757	2,971	3,078	-3.5
<b>East North Central Total</b> .....	<b>3,875</b>	<b>3,673</b>	<b>3,878</b>	<b>13,990</b>	<b>14,139</b>	<b>-1.1</b>
Illinois .....	864	856	885	3,335	3,266	2.1
Indiana .....	1,453	1,240	1,462	5,161	5,261	-1.9
Michigan .....	558	573	570	1,685	1,799	-6.3
Ohio .....	537	476	539	2,079	2,126	-2.2
Wisconsin .....	462	528	422	1,730	1,686	2.6
<b>West North Central Total</b> .....	<b>3,331</b>	<b>3,463</b>	<b>W</b>	<b>13,843</b>	<b>W</b>	<b>9.1</b>
Iowa .....	673	893	781	2,827	2,936	-3.7
Kansas .....	47	47	48	157	184	-14.8
Minnesota .....	456	344	437	1,284	1,256	2.2
Missouri .....	248	254	244	987	1,000	-1.4
Nebraska .....	129	112	125	404	376	7.2
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	73	W	332	W
<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
Florida .....	264	299	278	1,103	1,177	-6.3
Georgia .....	453	401	444	1,715	1,791	-4.2
Maryland .....	369	331	334	1,272	1,339	-5.0
North Carolina .....	389	412	380	1,559	1,618	-3.7
South Carolina .....	457	474	398	1,967	1,832	7.4
Virginia .....	538	526	550	2,148	2,150	*
West Virginia .....	351	363	384	1,491	1,514	-1.5
<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 .....	483	545	533	2,056	2,094	-1.8
Kentucky .....	327	282	316	1,209	1,162	4.1
Mississippi .....	W	W	W	W	W	W
Tennessee .....	829	803	835	3,366	3,373	-0.2
<b>West South Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas .....	102	97	99	408	418	-2.3
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	W	W	W	W
Texas .....	1,030	1,067	1,007	4,084	4,007	1.9
<b>Mountain Total</b> .....	<b>1,007</b>	<b>1,059</b>	<b>1,011</b>	<b>3,872</b>	<b>3,985</b>	<b>-2.8</b>
Arizona .....	169	162	144	623	657	-5.1
Colorado .....	W	W	W	W	W	W
Idaho .....	64	99	123	431	538	-19.8
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	114	223	111	597	650	-8.2
Wyoming .....	459	401	415	1,598	1,543	3.6
<b>Pacific Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W	W	-
California .....	539	495	506	1,915	1,959	-2.3
Hawaii .....	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>15,824</b>	<b>15,673</b>	<b>15,878</b>	<b>61,451</b>	<b>60,832</b>	<b>1.0</b>

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-6A, "Coal Distribution Report;" and Form EIA-7A, "Coal Production Report."

**Table 25. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State**  
(Dollars per Short Ton)

Census Division and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England Total</b> .....	W	W	W	W	W	W
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic Total</b> .....	W	W	W	W	W	W
New Jersey .....	W	W	W	W	W	W
New York .....	43.45	46.37	47.98	45.90	49.78	-7.8
Pennsylvania .....	36.55	35.09	37.21	36.47	37.60	-3.0
<b>East North Central Total</b> .....	<b>38.77</b>	<b>38.11</b>	<b>38.97</b>	<b>38.04</b>	<b>38.64</b>	<b>-1.6</b>
Illinois .....	29.67	29.97	29.76	29.71	30.23	-1.7
Indiana .....	37.50	37.07	39.12	36.95	38.54	-4.1
Michigan .....	47.54	44.09	45.76	46.30	44.75	3.5
Ohio .....	42.14	40.64	40.84	41.32	40.59	1.8
Wisconsin .....	45.21	44.95	46.17	45.32	46.24	-2.0
<b>West North Central Total</b> .....	<b>20.67</b>	<b>19.19</b>	W	<b>19.09</b>	W	<b>-5.5</b>
Iowa .....	30.11	32.12	29.17	29.93	30.87	-3.0
Kansas .....	36.49	36.87	35.82	36.84	36.40	1.2
Minnesota .....	31.49	28.72	30.14	31.93	32.01	-0.3
Missouri .....	35.82	31.67	37.76	33.83	35.89	-5.8
Nebraska .....	20.98	24.11	23.01	22.82	23.52	-3.0
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	18.72	W	20.23	W
<b>South Atlantic Total</b> .....	W	W	W	W	W	W
Delaware .....	W	W	W	W	W	W
Florida .....	50.36	43.48	46.55	47.28	46.27	2.2
Georgia .....	47.38	50.05	51.60	48.58	51.51	-5.7
Maryland .....	39.35	40.96	39.76	39.16	40.94	-4.4
North Carolina .....	45.44	47.04	50.37	47.36	50.43	-6.1
South Carolina .....	50.62	49.72	50.37	48.95	51.94	-5.7
Virginia .....	45.80	44.32	47.60	45.32	49.71	-8.8
West Virginia .....	39.84	38.69	38.34	38.69	40.13	-3.6
<b>East South Central Total</b> .....	W	W	W	W	W	W
Alabama .....	43.07	42.32	42.02	42.83	42.72	0.2
Kentucky .....	47.22	45.97	47.40	45.52	47.31	-3.8
Mississippi .....	W	W	W	W	W	W
Tennessee .....	41.73	38.64	39.22	39.10	40.17	-2.6
<b>West South Central Total</b> .....	W	W	W	W	W	W
Arkansas .....	45.67	45.55	45.92	46.20	46.28	-0.2
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	W	W	W	W
Texas .....	22.89	23.23	21.33	22.40	22.54	-0.6
<b>Mountain Total</b> .....	<b>29.34</b>	<b>29.65</b>	<b>29.56</b>	<b>29.90</b>	<b>30.02</b>	<b>-0.4</b>
Arizona .....	42.12	43.15	43.34	41.88	42.85	-2.2
Colorado .....	W	W	W	W	W	W
Idaho .....	35.64	33.83	36.34	35.50	35.61	-0.3
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	27.51	26.59	25.76	26.90	25.84	4.1
Wyoming .....	24.55	24.63	25.22	24.66	25.09	-1.7
<b>Pacific Total</b> .....	W	W	W	W	W	W
California .....	40.20	42.77	38.96	40.60	39.16	3.7
Hawaii .....	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>35.14</b>	<b>34.45</b>	<b>34.81</b>	<b>34.17</b>	<b>35.49</b>	<b>-3.7</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.

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

**Table 26. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
311 Food Manufacturing.....	2,272	2,050	2,245	8,343	8,003	4.2
312 Beverage and Tobacco Product Mfg .....	111	102	97	435	424	2.6
313 Textile Mills.....	140	115	151	569	604	-5.8
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	-	W	W	W	W	W
322 Paper Manufacturing .....	2,779	2,754	2,702	10,780	10,866	-0.8
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,564	2,491	2,555	10,016	9,957	0.6
326 Plastics and Rubber Products Mfg .....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg .....	3,312	3,575	3,358	12,417	12,976	-4.3
331 Primary Metal Manufacturing <sup>2</sup> .....	2,357	2,252	2,352	8,538	8,786	-2.8
332 Fabricated Metal Product Mfg.....	35	21	29	107	97	10.0
333 Machinery Manufacturing .....	W	W	W	W	W	W
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	W	-	W	W	W	W
336 Transportation Equipment Mfg.....	142	59	144	455	486	-6.3
337 Furniture and Related Product Mfg.....	13	5	15	36	41	-11.4
339 Miscellaneous Manufacturing .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>15,624</b>	<b>15,473</b>	<b>15,678</b>	<b>60,652</b>	<b>60,032</b>	<b>1.0</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 and Quality Report - Manufacturing Plants."

**Table 27. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Dollars per Short Ton)

NAICS Code	October - December 2003	July - September 2003	October - December 2002	Percent Difference	
				October - December: 2003 versus 2002	
311 Food Manufacturing.....	\$32.32	\$31.96	\$31.23		3.5
312 Beverage and Tobacco Product Mfg .....	52.17	50.78	56.27		-7.3
313 Textile Mills.....	55.58	53.90	53.14		4.6
315 Apparel Manufacturing .....	W	W	W		W
321 Wood Product Manufacturing .....	-	W	W		W
322 Paper Manufacturing .....	41.89	42.35	43.36		-3.4
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W		W
325 Chemical Mfg.....	38.56	39.12	38.19		1.0
326 Plastics and Rubber Products Mfg .....	W	W	W		W
327 Nonmetallic Mineral Products Mfg .....	38.95	37.85	38.00		2.5
331 Primary Metal Manufacturing <sup>2</sup> .....	33.21	31.69	33.51		-0.9
332 Fabricated Metal Product Mfg.....	58.68	60.63	58.84		-0.3
333 Machinery Manufacturing .....	44.36	W	W		W
334 Computer and Electronic Support Product Mfg .....	W	W	W		W
335 Elec. Equip., Appl., Component Mfg.....	W	-	W		W
336 Transportation Equipment Mfg.....	51.69	47.47	50.77		1.8
337 Furniture and Related Product Mfg.....	56.86	57.64	54.80		3.8
339 Miscellaneous Manufacturing .....	W	W	W		W
<b>U.S. Total.....</b>	<b>35.14</b>	<b>34.45</b>	<b>34.81</b>		<b>0.9</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 and Quality Report - Manufacturing Plants."

**Table 28. Coal Receipts by the Residential and Commercial Sector by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Connecticut .....	W	W	W	W	W	-
Maine .....	W	W	W	W	W	-
Massachusetts .....	W	W	W	W	W	-
New Hampshire .....	W	W	W	W	W	-
Rhode Island .....	W	W	W	W	W	-
Vermont .....	W	W	W	W	W	-
<b>Mid Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
New Jersey .....	W	W	W	W	W	-
New York .....	14	9	14	45	45	-
Pennsylvania .....	176	117	176	587	587	-
<b>East North Central</b> .....	<b>376</b>	<b>251</b>	<b>376</b>	<b>1,253</b>	<b>1,253</b>	-
Illinois .....	52	35	52	173	173	-
Indiana .....	99	66	99	331	331	-
Michigan .....	80	53	80	266	266	-
Ohio .....	107	71	107	357	357	-
Wisconsin .....	38	25	38	127	127	-
<b>West North Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	-
Iowa .....	94	63	94	313	313	-
Kansas .....	*	*	*	*	*	-
Minnesota .....	32	21	32	106	106	-
Missouri .....	56	38	56	188	188	-
Nebraska .....	2	1	2	7	7	-
North Dakota .....	W	W	W	W	W	-
South Dakota .....	*	*	*	1	1	-
<b>South Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	-
Delaware .....	W	W	W	W	W	-
District of Columbia .....	W	W	W	W	W	-
Florida .....	3	2	3	10	10	-
Georgia .....	2	1	2	5	5	-
Maryland .....	1	1	1	3	3	-
North Carolina .....	40	26	40	132	132	-
South Carolina .....	*	*	*	*	*	-
Virginia .....	23	15	23	77	77	-
West Virginia .....	10	7	10	34	34	-
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	-
Alabama .....	1	1	1	4	4	-
Kentucky .....	76	50	76	252	252	-
Tennessee .....	19	13	19	64	64	-
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas .....	*	*	*	*	*	-
Oklahoma .....	W	W	W	W	W	-
Texas .....	20	13	20	65	65	-
<b>Mountain</b> .....	<b>165</b>	<b>110</b>	<b>165</b>	<b>550</b>	<b>550</b>	-
Arizona .....	*	*	*	1	1	-
Colorado .....	W	W	W	W	W	-
Idaho .....	6	4	6	19	19	-
Montana .....	W	W	W	W	W	-
Nevada .....	W	W	W	W	W	-
New Mexico .....	W	W	W	W	W	-
Utah .....	59	40	59	198	198	-
Wyoming .....	28	19	28	94	94	-
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W	W	-
California .....	*	*	*	*	*	-
Oregon .....	W	W	W	W	W	-
Washington .....	W	W	W	W	W	-
<b>U.S. Total</b> .....	<b>1,334</b>	<b>889</b>	<b>1,334</b>	<b>4,445</b>	<b>4,445</b>	-

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.  
W = Withheld to avoid disclosure of individual company data.  
Note: • Total may not equal sum of components because of independent rounding.  
Source: • Energy Information Administration, Form EIA-6A, "Coal Distribution Report."

# Consumption



**Table 29. U.S. Coal Consumption by End-Use Sector 1997-2003**  
(Thousand Short Tons)

Year and Quarter	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial			Residential and Commercial			Total
			CHP <sup>2</sup>	Non-CHP <sup>3</sup>	Total	CHP <sup>4</sup>	Non-CHP <sup>5</sup>	Total	
<b>1997</b>									
<b>Total</b> .....	<b>921,364</b>	<b>30,203</b>	<b>29,853</b>	<b>41,662</b>	<b>71,515</b>	<b>1,738</b>	<b>4,725</b>	<b>6,463</b>	<b>1,029,545</b>
<b>1998</b>									
<b>Total</b> .....	<b>936,619</b>	<b>28,189</b>	<b>28,553</b>	<b>38,886</b>	<b>67,439</b>	<b>1,443</b>	<b>3,413</b>	<b>4,856</b>	<b>1,037,103</b>
<b>1999</b>									
<b>Total</b> .....	<b>940,922</b>	<b>28,108</b>	<b>27,763</b>	<b>36,975</b>	<b>64,738</b>	<b>1,490</b>	<b>3,389</b>	<b>4,879</b>	<b>1,038,647</b>
<b>2000</b>									
<b>Total</b> .....	<b>985,821</b>	<b>28,939</b>	<b>28,031</b>	<b>37,177</b>	<b>65,208</b>	<b>1,547</b>	<b>2,580</b>	<b>4,127</b>	<b>1,084,095</b>
<b>2001</b>									
January - March .....	241,715	6,786	6,656	10,700	17,356	393	918	1,311	267,168
April - June .....	229,371	6,924	6,135	9,697	15,832	320	554	874	253,001
July - September .....	263,450	6,600	6,700	9,343	16,043	428	446	874	286,967
October - December .....	229,897	5,764	6,263	9,775	16,038	307	1,004	1,311	253,009
<b>Total</b> .....	<b>964,433</b>	<b>26,075</b>	<b>25,755</b>	<b>39,514</b>	<b>65,268</b>	<b>1,448</b>	<b>2,921</b>	<b>4,369</b>	<b>1,060,146</b>
<b>2002</b>									
January - March .....	230,391	5,541	6,418	9,283	15,701	352	982	1,334	252,967
April - June .....	231,653	5,837	6,326	8,256	14,581	318	571	889	252,960
July - September .....	268,663	6,068	6,742	7,933	14,674	370	519	889	290,295
October - December .....	246,800	6,210	6,747	9,043	15,790	365	969	1,334	270,133
<b>Total</b> .....	<b>977,507</b>	<b>23,656</b>	<b>26,232</b>	<b>34,515</b>	<b>60,747</b>	<b>1,405</b>	<b>3,040</b>	<b>4,445</b>	<b>1,066,355</b>
<b>2003</b>									
January - March .....	248,717	6,004	6,906	8,666	15,572	398	936	1,334	271,626
April - June .....	231,366	6,070	6,180	8,499	14,679	322	567	889	253,004
July - September .....	271,670	6,110	6,783	8,140	14,923	402	487	889	293,592
October - December .....	NA	6,064	NA	NA	15,976	NA	NA	1,334	NA
<b>Total</b> .....	<b>NA</b>	<b>24,248</b>	<b>NA</b>	<b>NA</b>	<b>61,150</b>	<b>NA</b>	<b>NA</b>	<b>4,445</b>	<b>NA</b>

<sup>1</sup> The electric power sector (electric utilities and independent power producers) comprises electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public -- i.e. NAICS 22 plants. The reported coal consumption is the total for producing electricity and useful thermal output.

<sup>2</sup> Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants. The reported coal consumption is the total for producing electricity and useful thermal output.

<sup>3</sup> All industrial sector fuel use other than in "Coke Plants" and "Industrial CHP."

<sup>4</sup> Includes commercial combined-heat-and-power (CHP) and a small number of commercial electricity-only plants, such as those at hospitals and universities. The reported coal consumption is the total for producing electricity and useful thermal output.

<sup>5</sup> All commercial sector fuel use other than that in "Commercial CHP" and residential sector.

NA = Not Available.

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

Sources: • Energy Information Administration (EIA) • Electric Power Sector: For 2000 and previous years, Form EIA-759, "Monthly Power Plant Report"; and for 2001 forward, Form EIA-906, "Power Plant Report" and EIA estimates; • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants"; • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants", Form EIA-860B, "Annual Electric Generator Report - Nonutility"; Form EIA-6A, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; • Residential and Commercial: Form EIA-6A, "Coal Distribution Report."

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

Census Division	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Mid Atlantic .....	W	W	W	W	W	W
East North Central .....	2,838	2,864	2,953	11,410	11,154	2.3
South Atlantic .....	W	W	W	W	W	W
East South Central.....	685	639	613	2,541	2,319	9.6
<b>U.S. Total .....</b>	<b>6,064</b>	<b>6,110</b>	<b>6,210</b>	<b>24,248</b>	<b>23,656</b>	<b>2.5</b>

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 31. Coal Consumption at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
New Jersey .....	W	W	W	W	W	W
New York .....	282	263	288	1,100	1,155	-4.7
Pennsylvania .....	826	732	789	2,995	3,121	-4.0
<b>East North Central Total</b> .....	<b>3,828</b>	<b>3,336</b>	<b>3,667</b>	<b>14,382</b>	<b>14,147</b>	<b>1.7</b>
Illinois .....	901	811	858	3,427	3,297	3.9
Indiana .....	1,394	1,254	1,328	5,298	5,196	2.0
Michigan .....	536	400	490	1,834	1,802	1.8
Ohio .....	535	481	537	2,100	2,136	-1.7
Wisconsin .....	462	390	454	1,723	1,716	0.4
<b>West North Central Total</b> .....	<b>3,329</b>	<b>3,139</b>	<b>W</b>	<b>12,680</b>	<b>W</b>	<b>0.8</b>
Iowa .....	706	756	741	2,901	2,860	1.5
Kansas .....	43	44	40	158	178	-11.1
Minnesota .....	383	266	375	1,312	1,261	4.1
Missouri .....	252	239	254	1,001	994	0.7
Nebraska .....	111	104	114	385	388	-0.9
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	71	W	306	W
<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
Florida .....	275	288	290	1,095	1,196	-8.5
Georgia .....	449	424	446	1,761	1,828	-3.7
Maryland .....	364	312	335	1,281	1,323	-3.2
North Carolina .....	402	393	385	1,590	1,597	-0.4
South Carolina .....	506	492	454	1,983	1,923	3.1
Virginia .....	524	538	557	2,169	2,152	0.8
West Virginia .....	368	365	405	1,491	1,536	-2.9
<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 .....	508	490	521	2,083	2,133	-2.4
Kentucky .....	324	289	301	1,211	1,134	6.8
Mississippi .....	W	W	W	W	W	W
Tennessee .....	826	807	853	3,371	3,340	0.9
<b>West South Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas .....	97	96	107	417	422	-1.2
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	W	W	W	W
Texas .....	1,049	1,060	1,088	4,132	4,046	2.1
<b>Mountain Total</b> .....	<b>1,113</b>	<b>1,034</b>	<b>1,017</b>	<b>4,042</b>	<b>3,773</b>	<b>7.1</b>
Arizona .....	175	165	139	681	626	8.7
Colorado .....	W	W	W	W	W	W
Idaho .....	187	62	185	490	469	4.4
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	121	224	106	608	592	2.8
Wyoming .....	440	407	419	1,588	1,535	3.5
<b>Pacific Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W	W	-
California .....	499	522	518	1,955	1,973	-0.9
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>15,976</b>	<b>14,923</b>	<b>15,790</b>	<b>61,150</b>	<b>60,747</b>	<b>0.7</b>

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 and Quality Report - Manufacturing Plants;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-6A, "Coal Distribution Report;" and Form EIA-7A, "Coal Production Report."

**Table 32. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
311 Food Manufacturing.....	2,424	1,840	2,375	8,453	7,881	7.3
312 Beverage and Tobacco Product Mfg .....	105	98	100	431	429	0.3
313 Textile Mills.....	144	127	151	586	615	-4.8
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing .....	2,752	2,606	2,697	10,887	10,961	-0.7
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,573	2,459	2,622	10,085	10,086	*
326 Plastics and Rubber Products Mfg .....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg .....	3,375	3,347	3,338	12,823	12,972	-1.1
331 Primary Metal Manufacturing <sup>2</sup> .....	2,251	2,187	2,125	8,768	8,631	1.6
332 Fabricated Metal Product Mfg.....	32	13	32	107	105	1.9
333 Machinery Manufacturing .....	21	W	W	102	W	-3.4
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	W	-	W	W	W	W
336 Transportation Equipment Mfg.....	125	61	138	459	482	-4.6
337 Furniture and Related Product Mfg.....	12	5	14	45	41	11.0
339 Miscellaneous Manufacturing .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>15,776</b>	<b>14,723</b>	<b>15,590</b>	<b>60,351</b>	<b>59,948</b>	<b>0.7</b>

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

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

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 33. Coal Consumption by Residential and Commercial Sector by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Connecticut .....	W	W	W	W	W	-
Maine .....	W	W	W	W	W	-
Massachusetts .....	W	W	W	W	W	-
New Hampshire .....	W	W	W	W	W	-
Rhode Island .....	W	W	W	W	W	-
Vermont .....	W	W	W	W	W	-
<b>Mid Atlantic Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
New Jersey .....	W	W	W	W	W	-
New York .....	14	9	14	45	45	-
Pennsylvania .....	176	117	176	587	587	-
<b>East North Central Total</b> .....	<b>376</b>	<b>251</b>	<b>376</b>	<b>1,253</b>	<b>1,253</b>	-
Illinois .....	52	35	52	173	173	-
Indiana .....	99	66	99	331	331	-
Michigan .....	80	53	80	266	266	-
Ohio .....	107	71	107	357	357	-
Wisconsin .....	38	25	38	127	127	-
<b>West North Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Iowa .....	94	63	94	313	313	-
Kansas .....	*	*	*	*	*	-
Minnesota .....	32	21	32	106	106	-
Missouri .....	56	38	56	188	188	-
Nebraska .....	2	1	2	7	7	-
North Dakota .....	W	W	W	W	W	-
South Dakota .....	*	*	*	1	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	-
District of Columbia .....	W	W	W	W	W	-
Florida .....	3	2	3	10	10	-
Georgia .....	2	1	2	5	5	-
Maryland .....	1	1	1	3	3	-
North Carolina .....	40	26	40	132	132	-
South Carolina .....	*	*	*	*	*	-
Virginia .....	23	15	23	77	77	-
West Virginia .....	10	7	10	34	34	-
<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 .....	1	1	1	4	4	-
Kentucky .....	76	50	76	252	252	-
Tennessee .....	19	13	19	64	64	-
<b>West South Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas .....	*	*	*	*	*	-
Oklahoma .....	W	W	W	W	W	-
Texas .....	20	13	20	65	65	-
<b>Mountain Total</b> .....	<b>165</b>	<b>110</b>	<b>165</b>	<b>550</b>	<b>550</b>	-
Arizona .....	*	*	*	1	1	-
Colorado .....	W	W	W	W	W	-
Idaho .....	6	4	6	19	19	-
Montana .....	W	W	W	W	W	-
Nevada .....	W	W	W	W	W	-
New Mexico .....	W	W	W	W	W	-
Utah .....	59	40	59	198	198	-
Wyoming .....	28	19	28	94	94	-
<b>Pacific Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W	W	-
California .....	*	*	*	*	*	-
Oregon .....	W	W	W	W	W	-
Washington .....	W	W	W	W	W	-
<b>U.S. Total</b> .....	<b>1,334</b>	<b>889</b>	<b>1,334</b>	<b>4,445</b>	<b>4,445</b>	-

\* Quantity is less than 0.5 thousand short tons or percent change is less than 0.1%.

W = Withheld to avoid disclosure of individual company data.

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

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

## **Stocks**

**Table 34. U.S. Coal Stocks, 1997-2003**  
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers <sup>1</sup>				Coal Producers and Distributors	Total
	Electric Power Sector <sup>2</sup>	Coke Plants	Other Industrial <sup>3</sup>	Total		
<b>1997</b>						
March 31 .....	113,727	2,372	4,572	120,671	37,544	158,215
June 30 .....	120,787	2,050	4,751	127,588	42,529	170,117
September 30 .....	102,119	2,059	5,338	109,516	39,111	148,627
December 31 .....	98,826	1,978	5,597	106,401	33,973	140,374
<b>1998</b>						
March 31 .....	108,101	1,885	4,561	114,547	40,994	155,541
June 30 .....	117,758	1,995	4,593	124,345	38,331	162,676
September 30 .....	104,552	2,042	5,246	111,839	39,803	151,642
December 31 .....	120,501	2,026	5,545	128,072	36,530	164,602
<b>1999</b>						
March 31 .....	139,029	1,898	4,743	145,669	42,682	188,351
June 30 .....	146,727	2,075	4,663	153,466	41,701	195,167
September 30 .....	134,836	1,975	5,107	141,919	36,645	178,564
December 31 .....	141,604	1,943	5,569	149,115	39,475	188,590
<b>2000</b>						
March 31 .....	140,502	1,935	4,367	146,803	44,271	191,074
June 30 .....	134,524	1,839	4,555	140,918	42,179	183,097
September 30 .....	116,666	1,558	4,677	122,901	37,307	160,208
December 31 .....	102,296	1,494	4,587	108,377	31,905	140,282
<b>2001</b>						
March 31 .....	109,154	1,902	4,325	115,381	39,214	154,595
June 30 .....	126,683	1,635	4,648	132,967	38,554	171,521
September 30 .....	115,750	1,577	5,070	122,397	34,822	157,219
December 31 .....	138,496	1,510	6,006	146,012	35,900	181,912
<b>2002</b>						
March 31 .....	146,443	1,360	4,842	152,645	40,284	192,929
June 30 .....	152,134	1,522	5,064	158,720	41,288	200,008
September 30 .....	135,962	1,561	5,834	143,357	35,662	179,019
December 31 .....	141,714	1,364	5,792	148,870	43,257	192,127
<b>2003</b>						
March 31 .....	131,162	1,329	4,359	136,850	38,994 <sup>E</sup>	175,844
June 30 .....	142,325	1,474	4,172	147,971	37,678 <sup>E</sup>	185,649
September 30 .....	122,425	1,085	4,878	128,387	34,973 <sup>E</sup>	163,360
December 31 .....	NA	905	4,718	NA	36,781 <sup>E</sup>	NA

<sup>1</sup> Stock data for the Residential and Commercial sector are not included.

<sup>2</sup> The electric power sector (electric utilities and independent power producers) comprises electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public -- i.e. NAICS 22 plants.

<sup>3</sup> Manufacturing plants only.

NA = Not Available.

Note: • Total may not equal sum of components because of independent rounding. Beginning in 1999, the first three quarters of each year's data for Coal Producers and Distributors are estimated. Electric power sector stocks include anthracite, bituminous coal, subbituminous coal, and lignite, and excludes waste coal.

Sources: • Energy Information Administration (EIA) • Electric Power Sector: For 2000 and previous years, Form EIA-759, "Monthly Power Plant Report;" for 2001 forward, Form EIA-906, "Power Plant Report" • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing Plants" and • Producer and Distributor: Short Term Energy Outlook estimates and Form EIA-6A, "Coal Distribution Report."

**Table 35. Coal Stocks at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	December 31, 2003	September 30, 2003	December 31, 2002	Percent Difference December 31, 2003 versus 2002
Mid Atlantic .....	W	W	W	W
East North Central .....	382	473	570	-33.0
South Atlantic .....	W	W	W	W
East South Central.....	143	171	208	-31.4
<b>U.S. Total .....</b>	<b>905</b>	<b>1,085</b>	<b>1,364</b>	<b>-33.7</b>

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."



**Table 36. Coal Stocks at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	December 31, 2003	September 30, 2003	December 31, 2002	Percent Difference December 31, 2003 versus 2002
<b>New England Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Maine .....	W	W	W	W
Massachusetts .....	W	W	W	W
<b>Mid Atlantic Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
New Jersey .....	W	W	W	W
New York .....	228	257	276	-17.4
Pennsylvania .....	148	175	170	-12.8
<b>East North Central Total</b> .....	<b>1,346</b>	<b>1,294</b>	<b>1,761</b>	<b>23.6</b>
Illinois .....	156	203	258	-39.6
Indiana .....	300	244	444	-32.4
Michigan .....	551	526	714	-22.9
Ohio .....	72	55	86	-16.3
Wisconsin .....	267	265	259	3.2
<b>West North Central Total</b> .....	<b>1,183</b>	<b>1,155</b>	<b>W</b>	<b>W</b>
Iowa .....	555	589	622	-10.9
Kansas .....	32	29	35	-7.5
Minnesota .....	307	202	305	0.7
Missouri .....	71	78	103	-31.1
Nebraska .....	70	53	51	37.0
North Dakota .....	W	W	W	W
South Dakota .....	W	W	53	W
<b>South Atlantic Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Delaware .....	W	W	-	-
Florida .....	84	98	81	4.2
Georgia .....	92	80	116	-20.0
Maryland .....	65	65	72	-10.0
North Carolina .....	55	69	104	-47.1
South Carolina .....	123	171	135	-9.1
Virginia .....	113	101	131	-13.3
West Virginia .....	72	93	77	-6.4
<b>East South Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama .....	103	133	136	-24.1
Kentucky .....	78	76	82	-4.4
Mississippi .....	W	W	W	W
Tennessee .....	162	167	177	-8.5
<b>West South Central Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas .....	27	22	35	-23.6
Louisiana .....	W	W	W	W
Oklahoma .....	W	W	W	W
Texas .....	151	170	203	-25.8
<b>Mountain Total</b> .....	<b>344</b>	<b>468</b>	<b>560</b>	<b>38.5</b>
Arizona .....	29	36	87	-66.4
Colorado .....	W	W	W	W
Idaho .....	177	300	233	-24.0
Montana .....	W	W	W	W
Nevada .....	W	W	W	W
New Mexico .....	W	W	W	W
Utah .....	6	31	63	-91.1
Wyoming .....	72	53	62	16.7
<b>Pacific Total</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
California .....	146	105	186	-21.4
Hawaii .....	W	W	W	W
Oregon .....	W	W	W	W
Washington .....	W	W	W	W
<b>U.S. Total</b> .....	<b>4,718</b>	<b>4,878</b>	<b>5,792</b>	<b>-18.5</b>

W = Withheld to avoid disclosure of individual company data.

Note: • 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 and Quality Report - Manufacturing Plants."

**Table 37. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	December 31, 2003	September 30, 2003	December 31, 2002	Percent Difference December 31, 2003 versus 2002
311 Food Manufacturing.....	888	1,040	1,010	-12.1
312 Beverage and Tobacco Product Mfg .....	26	20	23	15.2
313 Textile Mills.....	50	52	74	-31.8
315 Apparel Manufacturing .....	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W
322 Paper Manufacturing .....	840	814	928	-9.5
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W
325 Chemical Mfg.....	609	629	700	-13.0
326 Plastics and Rubber Products Mfg .....	W	W	W	W
327 Nonmetallic Mineral Products Mfg .....	1,469	1,546	1,917	-23.4
331 Primary Metal Manufacturing <sup>2</sup> .....	565	442	820	-31.2
332 Fabricated Metal Product Mfg.....	25	22	25	-0.7
333 Machinery Manufacturing .....	27	W	W	W
334 Computer and Electronic Support Product Mfg .....	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	W	W	W	W
336 Transportation Equipment Mfg.....	54	37	61	-10.5
337 Furniture and Related Product Mfg.....	6	5	15	-59.1
339 Miscellaneous Manufacturing .....	W	W	W	W
<b>U.S. Total.....</b>	<b>4,718</b>	<b>4,878</b>	<b>5,792</b>	<b>-18.5</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 and Quality Report - Manufacturing Plants."

**Table 38. Coke and Breeze Stocks at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	December 31, 2003	September 30, 2003	December 31, 2002	Percent Difference December 31, 2003 versus 2002
Mid Atlantic Total .....	W	W	W	W
East North Central Total .....	233	382	424	-45.1
South Atlantic Total .....	W	W	W	W
East South Central Total .....	135	189	155	-13.0
Mountain Total .....	-	-	-	-
<b>U.S. Total.....</b>	<b>512</b>	<b>696</b>	<b>748</b>	<b>-31.6</b>
<b>Coke Total .....</b>	<b>380</b>	<b>562</b>	<b>606</b>	<b>-37.4</b>
<b>Breeze Total.....</b>	<b>132</b>	<b>134</b>	<b>141</b>	<b>-6.7</b>

W = Withheld to avoid disclosure of individual company data.

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

Source: • Energy Information Administration, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

## **Quality**

**Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State**

Census Division and State and Quality <sup>1</sup>	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>New England</b>						
Btu.....	13,322	13,180	13,167	13,223	13,115	0.8
Sulfur .....	0.68	0.70	0.83	0.69	0.78	-11.2
Ash.....	6.12	6.59	6.39	6.12	6.32	-3.3
Maine						
Btu.....	13,174	13,095	13,038	13,069	12,929	1.1
Sulfur .....	0.66	0.70	0.87	0.69	0.80	-14.3
Ash.....	5.65	6.07	6.08	5.89	6.50	-9.4
Massachusetts						
Btu.....	13,539	13,350	W	13,529	W	W
Sulfur .....	0.71	0.72	W	0.69	W	W
Ash.....	6.80	7.64	W	6.57	W	W
<b>Mid Atlantic</b>						
Btu.....	13,173	13,171	13,262	13,225	13,220	0.0
Sulfur .....	1.07	1.08	1.07	1.07	1.11	-3.0
Ash.....	8.11	8.02	7.59	7.80	7.65	2.0
New Jersey						
Btu.....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash.....	W	W	W	W	W	W
New York						
Btu.....	13,214	13,139	13,138	13,208	13,084	0.9
Sulfur .....	1.33	1.22	1.37	1.30	1.42	-8.5
Ash.....	8.04	7.78	8.31	7.73	8.51	-9.2
Pennsylvania						
Btu.....	13,168	13,177	13,280	13,228	13,239	-0.1
Sulfur .....	1.04	1.05	1.03	1.04	1.06	-1.8
Ash.....	8.12	8.05	7.48	7.81	7.52	3.8
<b>East North Central</b>						
Btu.....	12,674	12,653	12,757	12,689	12,750	-0.5
Sulfur .....	1.30	1.28	1.33	1.28	1.37	-6.8
Ash.....	7.31	7.36	7.73	7.27	7.68	-5.3
Illinois						
Btu.....	11,243	11,329	11,485	11,314	11,466	-1.3
Sulfur .....	2.01	1.90	1.97	1.97	2.02	-2.2
Ash.....	7.36	7.28	7.57	7.39	7.43	-0.6
Indiana						
Btu.....	13,004	13,019	13,077	13,051	13,117	-0.5
Sulfur .....	1.08	1.06	1.07	1.05	1.12	-6.3
Ash.....	7.00	6.90	7.47	6.98	7.49	-6.9
Michigan						
Btu.....	13,283	13,144	13,296	13,245	13,159	0.7
Sulfur .....	0.94	0.96	0.91	0.91	0.95	-4.2
Ash.....	7.73	8.13	7.99	7.75	8.04	-3.6
Ohio						
Btu.....	13,043	13,002	13,036	12,990	12,981	0.1
Sulfur .....	1.58	1.58	1.89	1.57	1.89	-17.2
Ash.....	8.00	8.14	8.82	7.87	8.52	-7.6
Wisconsin						
Btu.....	11,593	11,747	11,643	11,590	11,749	-1.4
Sulfur .....	1.43	1.45	1.48	1.44	1.56	-7.5
Ash.....	7.25	7.80	7.29	7.26	7.44	-2.5
<b>West North Central</b>						
Btu.....	8,646	8,779	8,550	8,471	8,582	-1.3
Sulfur .....	0.76	0.86	1.01	0.80	0.91	-11.9
Ash.....	6.21	6.45	7.06	6.34	6.98	-9.2
Iowa						
Btu.....	10,241	10,803	10,280	10,341	10,367	-0.2
Sulfur .....	1.14	1.31	0.98	1.17	1.17	0.0
Ash.....	6.73	6.93	7.06	6.70	6.86	-2.3
Kansas						
Btu.....	12,319	12,288	12,063	12,160	12,016	1.2
Sulfur .....	1.13	0.95	1.07	1.25	1.04	19.8
Ash.....	9.39	9.26	11.06	10.18	10.58	-3.8
Minnesota						
Btu.....	9,457	9,240	9,385	9,531	9,568	-0.4
Sulfur .....	0.32	0.29	0.29	0.31	0.32	-1.3
Ash.....	4.98	5.21	5.09	5.04	5.14	-2.1
Missouri						
Btu.....	11,618	11,487	11,547	11,528	11,572	-0.4
Sulfur .....	1.75	1.94	1.82	1.90	1.79	6.4
Ash.....	8.25	8.44	8.01	8.29	8.29	0.0
Nebraska						
Btu.....	9,784	10,220	10,153	10,026	10,152	-1.2
Sulfur .....	0.29	0.35	0.34	0.33	0.33	-2.7
Ash.....	5.92	6.84	6.52	6.45	6.59	-2.2

See footnotes at end of table.

**Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State and Quality <sup>1</sup>	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
<b>North Dakota</b>						
Btu.....	7,216	7,095	7,035	7,121	6,992	1.8
Sulfur.....	0.62	0.64	1.15	0.63	0.82	-22.4
Ash.....	6.03	6.13	7.40	6.14	7.19	-14.6
<b>South Dakota</b>						
Btu.....	8,295	8,306	8,416	8,302	8,424	-1.4
Sulfur.....	0.43	0.44	0.44	0.44	0.45	-1.8
Ash.....	4.92	4.97	4.91	4.94	5.05	-2.0
<b>South Atlantic</b>						
Btu.....	13,074	13,136	13,110	13,103	13,103	0.0
Sulfur.....	1.05	1.01	1.05	1.04	1.04	-0.1
Ash.....	8.66	8.32	8.25	8.43	8.12	3.9
<b>Delaware</b>						
Btu.....	W	13,010	12,941	W	12,958	W
Sulfur.....	W	1.84	1.60	W	1.68	W
Ash.....	W	9.90	8.87	W	8.59	W
<b>Florida</b>						
Btu.....	12,872	12,761	12,780	12,759	12,808	-0.4
Sulfur.....	0.78	0.76	0.83	0.78	0.81	-4.0
Ash.....	8.47	7.87	8.05	8.23	8.38	-1.8
<b>Georgia</b>						
Btu.....	12,885	12,980	12,983	12,934	12,955	-0.2
Sulfur.....	1.01	0.92	1.03	0.96	1.01	-5.0
Ash.....	8.71	8.15	7.99	8.26	8.06	2.5
<b>Maryland</b>						
Btu.....	12,685	12,829	12,805	12,686	12,939	-2.0
Sulfur.....	1.44	1.50	1.48	1.50	1.42	5.7
Ash.....	13.73	13.11	13.68	13.80	12.66	9.1
<b>North Carolina</b>						
Btu.....	13,128	13,214	13,218	13,230	13,194	0.3
Sulfur.....	0.89	0.87	0.89	0.87	0.89	-2.8
Ash.....	7.54	7.27	7.06	7.12	7.22	-1.5
<b>South Carolina</b>						
Btu.....	13,021	13,125	13,157	13,103	13,169	-0.5
Sulfur.....	1.11	1.08	1.15	1.10	1.11	-1.2
Ash.....	8.47	8.02	7.87	8.05	7.89	2.0
<b>Virginia</b>						
Btu.....	13,306	13,370	13,293	13,359	13,108	1.9
Sulfur.....	0.96	0.91	0.96	0.95	0.97	-2.8
Ash.....	7.44	7.47	7.46	7.48	7.36	1.6
<b>West Virginia</b>						
Btu.....	13,223	13,234	13,174	13,179	13,294	-0.9
Sulfur.....	1.09	1.07	1.04	1.11	1.06	4.4
Ash.....	8.20	8.13	7.70	8.29	7.46	11.1
<b>East South Central</b>						
Btu.....	13,172	13,146	13,167	13,146	13,182	-0.3
Sulfur.....	1.08	1.06	1.11	1.08	1.21	-10.5
Ash.....	7.62	7.66	7.10	7.57	7.31	3.6
<b>Alabama</b>						
Btu.....	13,213	13,165	13,196	13,192	13,201	-0.1
Sulfur.....	0.97	0.95	1.00	0.97	1.26	-23.5
Ash.....	7.71	7.65	7.04	7.45	7.24	2.9
<b>Kentucky</b>						
Btu.....	13,436	13,347	13,445	13,377	13,501	-0.9
Sulfur.....	0.89	0.90	0.94	0.90	0.96	-6.8
Ash.....	7.20	7.53	6.23	7.54	6.39	18.1
<b>Mississippi</b>						
Btu.....	11,897	12,069	12,037	12,055	12,174	-1.0
Sulfur.....	1.28	1.28	1.47	1.37	1.47	-6.8
Ash.....	8.68	7.60	7.21	7.77	7.75	0.3
<b>Tennessee</b>						
Btu.....	13,008	13,039	13,024	13,002	13,017	-0.1
Sulfur.....	1.30	1.30	1.32	1.30	1.28	1.6
Ash.....	7.79	7.76	7.69	7.70	7.91	-2.6
<b>West South Central</b>						
Btu.....	9,335	9,337	9,162	9,233	9,348	-1.2
Sulfur.....	0.89	0.91	0.97	0.89	0.93	-4.1
Ash.....	10.49	10.71	10.81	10.85	10.74	1.0
<b>Arkansas</b>						
Btu.....	11,966	12,313	12,465	12,138	12,395	-2.1
Sulfur.....	0.83	0.82	1.38	0.86	1.24	-30.9
Ash.....	10.31	11.08	11.94	11.16	11.45	-2.6
<b>Louisiana</b>						
Btu.....	12,342	12,341	12,289	12,224	12,196	0.2
Sulfur.....	1.13	1.20	1.20	1.17	1.23	-4.5
Ash.....	8.83	8.83	8.57	8.48	7.90	7.4

See footnotes at end of table.

**Table 39. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State and Quality <sup>1</sup>	October - December 2003	July - September 2003	October - December 2002	Year to Date		
				2003	2002	Percent Change
Oklahoma						
Btu.....	10,517	10,555	10,443	10,167	10,077	0.9
Sulfur.....	0.70	0.59	0.64	0.60	0.65	-8.9
Ash.....	5.56	5.75	5.98	5.66	5.74	-1.4
Texas						
Btu.....	8,805	8,840	8,564	8,740	8,867	-1.4
Sulfur.....	0.93	0.95	0.98	0.94	0.95	-0.3
Ash.....	11.39	11.42	11.57	11.72	11.59	1.2
<b>Mountain</b>						
Btu.....	10,551	10,759	10,620	10,596	10,685	-0.8
Sulfur.....	0.59	0.61	0.60	0.61	0.61	-1.2
Ash.....	7.33	7.27	7.80	7.34	7.69	-4.6
Arizona						
Btu.....	11,218	11,626	11,099	11,128	11,217	-0.8
Sulfur.....	0.64	0.59	0.58	0.56	0.61	-9.1
Ash.....	12.01	10.88	13.62	11.53	13.00	-11.3
Colorado						
Btu.....	11,542	11,572	11,613	11,601	11,629	-0.2
Sulfur.....	0.49	0.50	0.55	0.51	0.54	-5.9
Ash.....	9.31	9.05	8.79	9.10	9.22	-1.4
Idaho						
Btu.....	10,045	9,946	10,721	10,121	10,407	-2.7
Sulfur.....	0.68	0.79	0.72	0.78	0.79	-1.5
Ash.....	5.16	4.53	6.51	5.71	6.10	-6.3
Montana						
Btu.....	6,926	7,822	6,885	7,247	7,397	-2.0
Sulfur.....	0.42	0.61	0.56	0.54	0.70	-22.7
Ash.....	7.80	9.20	10.30	8.89	10.15	-12.4
Nevada						
Btu.....	11,579	11,662	11,651	11,635	11,508	1.1
Sulfur.....	0.52	0.54	0.41	0.49	0.40	21.3
Ash.....	8.56	8.35	8.16	8.28	8.31	-0.3
New Mexico						
Btu.....	W	W	W	W	W	W
Sulfur.....	W	W	W	W	W	W
Ash.....	W	W	W	W	W	W
Utah						
Btu.....	12,084	11,499	11,763	11,591	11,478	1.0
Sulfur.....	0.53	0.40	0.44	0.43	0.39	12.6
Ash.....	9.28	8.10	7.67	9.00	8.55	5.3
Wyoming						
Btu.....	9,922	9,901	10,067	9,947	10,081	-1.3
Sulfur.....	0.61	0.72	0.64	0.66	0.67	-0.9
Ash.....	4.79	5.29	5.50	4.95	5.03	-1.6
<b>Pacific</b>						
Btu.....	12,021	12,165	11,951	12,078	11,779	2.5
Sulfur.....	0.61	0.61	0.59	0.61	0.51	19.8
Ash.....	8.75	8.26	7.70	8.20	8.69	-5.7
California						
Btu.....	12,042	12,164	12,016	12,084	11,935	1.3
Sulfur.....	0.62	0.62	0.59	0.62	0.51	22.4
Ash.....	8.74	8.06	7.79	8.02	8.60	-6.8
Hawaii						
Btu.....	W	W	-	W	6,612	W
Sulfur.....	W	W	-	W	0.47	W
Ash.....	W	W	-	W	12.57	W
Oregon						
Btu.....	11,710	W	11,128	11,633	11,628	0.0
Sulfur.....	0.59	W	0.65	0.60	0.61	-2.3
Ash.....	7.97	W	5.43	7.75	6.49	19.5
Washington						
Btu.....	11,692	11,457	11,320	11,545	11,013	4.8
Sulfur.....	0.50	0.46	0.44	0.46	0.48	-3.0
Ash.....	8.76	9.29	9.36	9.05	10.08	-10.3
<b>U.S. Total</b>						
Btu.....	11,911	11,911	11,909	11,865	11,949	-0.7
Sulfur.....	1.04	1.04	1.10	1.04	1.11	-6.3
Ash.....	7.73	7.71	7.80	7.66	7.82	-2.0

<sup>1</sup> Quality units are Btu (per pound); sulfur (percent by weight); and ash (percent by weight).

W = Withheld to avoid disclosure of individual company data.

Note: • Btu data for coke plants are calculated using the following reported data: Low Volatile equals 13,713 btu per pound, medium volatile equals 13,712 btu per pound, and high volatile equals 13,713 btu per pound. The following states include sulfur and ash data for coke plants: New York, Pennsylvania, Illinois, Indiana, Michigan, Ohio, Virginia, West Virginia, Alabama, and Kentucky.

Source: • Energy Information Administration, Form EIA-3, "Annual Coal Quality Report - Manufacturing Plants; and form EIA-5, "Annual Coal Quality Report - Coke Plants."