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# Quarterly Coal Report October - December 2011

April 2012

**U.S. Energy Information Administration**  
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This report is available on the Web at:

<http://www.eia.gov/coal/production/quarterly/>

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# Preface

Data presented in the QCR are collected and published by the U.S. 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.

The Quarterly Coal Report (QCR) presents U.S. coal production, exports, imports, receipts, prices, consumption, coal quality, and stocks data. In addition, the report offers U.S. coke production, consumption, stocks, imports, and exports data. This report includes detailed quarterly coal data for October-December 2011 and aggregated quarterly historical coal data for 2005 through 4<sup>th</sup> Quarter 2011.

Note, as of first quarter 2009, the QCR includes data for coke and breeze commercial sales, steam and metallurgical coal imports by Customs District, coke import and export prices, and average quality for receipts at commercial and institutional coal users.

Other changes include the discontinuation of Form EIA-6A survey. Form EIA-3 is now utilized to collect data

from commercial and institutional coal users. EIA has changed the title of the data series from “Residential and Commercial” to “Commercial and Institutional.” Because the Form EIA-3 is a quarterly survey, EIA reports the commercial and institutional data with a lag of about 75 days, rather than ten months after the close of the year, as it did when data were collected on the annual Form EIA-6A survey. Form EIA-3 frame analysis has resulted in data adjustments in the quarterly data.

Following form changes approved in early 2011, Form EIA-3 is also used to collect data on co-firing fuels and carbon capture equipment. Form EIA-5 will require heat content of coal. Both forms will collect data on coal origin by MSHA ID, mercury content, and commodity cost.

All data for 2010 and prior years are final. All data for 2011 are final, with the exception of coal production, and electric utility stocks and consumption.

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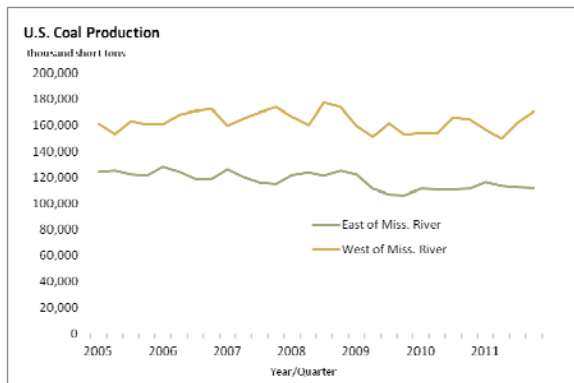
# **Executive Summary**

## Summary

Slight increases in production during fourth quarter 2011 reflect export increases that more than offset domestic consumption decreases due to mild weather, high stockpile levels, and a more competitive natural gas market.

## Production

Coal production totaled 282.5 million short tons (mst) during fourth quarter 2011, increasing by 2.8 percent from third quarter 2011 and 2.3 percent from fourth quarter 2010 (Table ES-1). Although it remained below the 5-year (2006-2010) fourth quarter average, production appears to be returning to near pre-recession levels.



Production in the Western Region reached 157.7 mst and accounted for approximately 55.8 percent of total U.S. production during fourth quarter 2011. Western Region production increased by 6.7 percent from third quarter 2011 and 3.7 percent from fourth quarter 2010, due largely to production increases in Wyoming.

Production during fourth quarter 2011 in the Appalachian Region was 81.7 mst; this was 0.6 percent above the third quarter 2011 level and 2.0 percent below the same quarter in 2010. Export demand from Asia, including South Korea, Japan, China, and India, more than offset the decrease in domestic consumption.

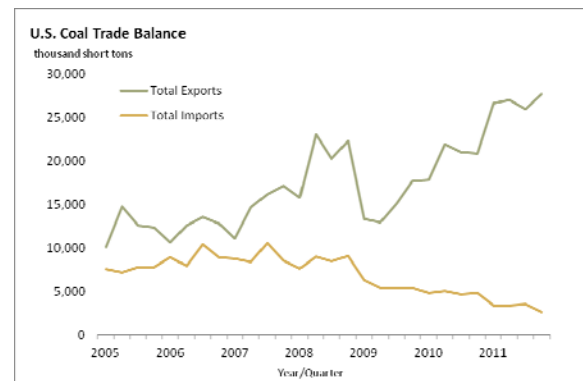
Production in the Interior Region exceeded the 5-year (2006-2010) fourth quarter range, but decreased by 5.2 percent from third quarter 2011 to 42.6 mst. Fourth quarter production changes in both the Appalachian and Interior Regions reflect a continuous shift in demand for coal from the Interior Region. In addition, with the finalization of the Cross-State Air Pollution Rule (CSAPR) in July 2011, a concentration of power plants in the Midwest appear to have opted to purchase coal

from the Illinois Basin, due to proximity, lower transportation costs, and lower cost of coal.

## Exports and Imports

Coal imports dropped 24.7 percent from third quarter 2011 and 43.9 percent from fourth quarter 2010 to 2.7 mst, the lowest level imported since second quarter 2000. Imports by Eastern and Southern Customs District States, which accounted for 74.7 percent of total imports during fourth quarter 2011, decreased by 51.5 percent from fourth quarter 2010 due largely to a reduction in coal-based electricity generation in the region and higher costs of U.S. coal imports from the Americas.

Total coal exports surpassed the 5-year (2006-2010) fourth quarter range, increasing by 32.6 percent from fourth quarter 2010 and 6.6 percent from third quarter 2011, to 27.7 mst. Exports continued to grow as a result of supply disruptions in Australia, Indonesia, and Colombia in late 2010 and early 2011 and demand growth in Asia.



Exports to South Korea, Japan, China, and India together accounted for approximately one-fourth of all coal exports in fourth quarter 2011, an increase of 1.2 percentage points from the same quarter in 2010. Accelerated export demand by China, to support economic growth, and Japan, to rebuild following the Fukushima Daiichi nuclear accident, prompted other Asian nations to purchase coal in order to maintain stockpiles.

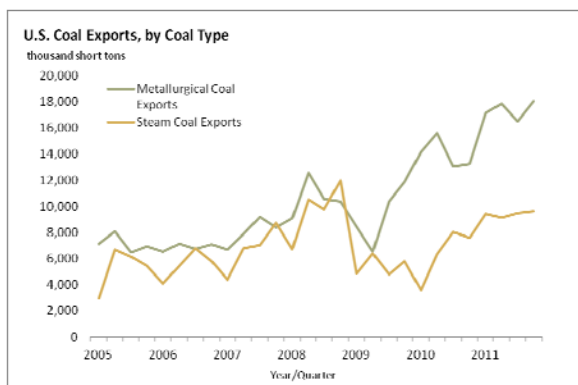
U.S. exports to Europe in fourth quarter 2011 increased both quarter-over-quarter and from fourth quarter 2010. With a shift in South African thermal coal flows from Europe to Asia, the U.S. appears to be filling the gap.

Metallurgical coal exports, 18.0 mst with an average price of \$181.41, accounted for 65.2 percent of coal exports in fourth quarter 2011. Exports to South Korea, Japan, and India, 1.6 mst, 1.2 mst, and 1.1 mst respectively, increased both quarter-over-quarter and



significantly from fourth quarter 2010. Fourth quarter exports to China, 1.3 mst, grew 28.4 percent from third quarter 2011 and remained consistent with the fourth quarter 2010 export level. Metallurgical coal exports to Italy, 1.1 mst, and Ukraine, 1.3 mst, also grew significantly from the same quarter last year.

Steam coal exports increased by 1.6 percent from third quarter 2011 and 27.0 percent from fourth quarter 2010 to 9.6 mst. Exports to the United Kingdom, 1.2 mst, and South Korea, 0.9 mst, which together accounted for 22.4 percent of total steam coal exports, were followed by exports to Germany, the Netherlands, which is a trans-shipment port, and Belgium.



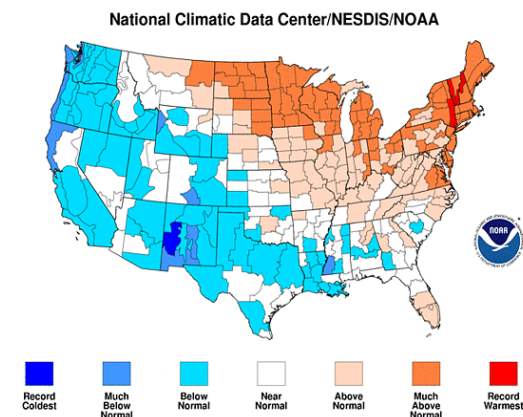
### Consumption

Weather and market conditions have traditionally determined coal consumption in the U.S. Total U.S. consumption decreased by 18.8 percent from third quarter 2011 and 9.4 percent from fourth quarter 2010 to 227.1 mst, the lowest since second quarter 1995. Electric Power Sector consumption decreased to 208.6 mst as a result of mild weather along with high stockpile levels and strong competition from natural gas in November and December 2011.

Consumption at Coke Plants, however, increased from third quarter 2011 and fourth quarter 2010 to pre-recession levels to 5.4 mst. In addition, fourth quarter

consumption by Industrial Users, 12.5 mst, and by Commercial and Institutional Users, 0.6 mst, increased from third quarter 2011, but remained below the fourth quarter 2010 level.

### Average U.S. Temperatures, October - December 2011



### Domestic Prices

The average price of coal delivered to the electric power sector increased throughout the United States, excluding the Mid-Atlantic region, for December 2011. At a national level, electric utilities paid a greater price of \$2.37 per million Btu, while independent power producers paid \$2.22 per million Btu. The average delivered price to the electric power sector increased approximately 5.0 percent to \$2.33 per million Btu at the end of the fourth quarter 2011. For more information on delivered price to the electric sector, see Table 4.10.A in the Electric Power Monthly at [http://www.eia.gov/electricity/monthly/current\\_year/february2012.pdf](http://www.eia.gov/electricity/monthly/current_year/february2012.pdf).

**Table ES-1. U.S. Coal Summary Statistics, 2005-2011**  
(Thousand Short Tons)

Year and Quarter	Production <sup>1</sup>	Imports	Waste Coal Supplied	Producer and Distributor Stocks <sup>2</sup>	Consumption	Exports	Consumer Stocks <sup>2</sup>	Losses and Unaccounted For <sup>3</sup>
<b>2005</b>								
January - March.....	285,802	7,607	3,208	38,698	278,274	10,129	111,577	
April - June.....	278,793	7,233	3,090	38,422	263,732	14,803	123,005	
July - September.....	285,293	7,832	3,828	34,965	303,668	12,620	106,191	
October - December.....	281,610	7,788	3,227	34,971	280,303	12,390	109,333	
<b>Total.....</b>	<b>1,131,498</b>	<b>30,460</b>	<b>13,352</b>		<b>1,125,978</b>	<b>49,942</b>		<b>9,092</b>
<b>2006</b>								
January - March.....	289,145	8,958	3,613	35,113	272,730	10,659	120,013	
April - June.....	292,416	7,956	3,363	35,307	261,207	12,590	144,228	
July - September.....	289,792	10,399	3,787	33,170	300,677	13,540	135,782	
October - December.....	291,397	8,933	3,646	36,548	277,677	12,858	150,398	
<b>Total.....</b>	<b>1,162,750</b>	<b>36,246</b>	<b>14,409</b>		<b>1,112,292</b>	<b>49,647</b>		<b>8,824</b>
<b>2007</b>								
January - March.....	286,041	8,786	3,264	34,007	278,727	11,139	149,588	
April - June.....	285,687	8,405	3,387	32,484	267,106	14,702	162,849	
July - September.....	286,035	10,559	3,697	30,090	303,665	16,198	150,448	
October - December.....	288,872	8,597	3,727	33,977	278,500	17,124	158,781	
<b>Total.....</b>	<b>1,146,635</b>	<b>36,347</b>	<b>14,076</b>		<b>1,127,998</b>	<b>59,163</b>		<b>4,085</b>
<b>2008</b>								
January - March.....	289,015	7,640	3,453	34,876	284,984	15,802	153,225	
April - June.....	284,331	8,982	3,420	32,086	267,304	23,069	159,760	
July - September.....	298,911	8,485	3,672	31,354	299,022	20,321	151,596	
October - December.....	299,552	9,101	3,601	34,688	269,237	22,329	170,424	
<b>Total.....</b>	<b>1,171,809</b>	<b>34,208</b>	<b>14,146</b>		<b>1,120,548</b>	<b>81,519</b>		<b>5,740</b>
<b>2009</b>								
January - March.....	282,772	6,325	3,321	41,257	254,383	13,335	182,169	
April - June.....	263,017	5,426	3,220	44,018	231,110	12,951	202,994	
July - September.....	269,339	5,441	3,567	41,690	259,621	15,159	204,422	
October - December.....	259,796	5,447	3,558	47,718	252,363	17,653	197,062	
<b>Total.....</b>	<b>1,074,923</b>	<b>22,639</b>	<b>13,666</b>		<b>997,478</b>	<b>59,097</b>		<b>14,985</b>
<b>2010</b>								
January - March.....	265,702	4,803	3,288	50,936	265,281	17,807	186,122	
April - June.....	264,982	5,058	3,428	51,497	248,298	21,965	190,395	
July - September.....	277,505	4,680	3,636	49,913	287,132	21,074	172,611	
October - December.....	276,180	4,811	3,300	49,820	250,596	20,870	183,744	
<b>Total.....</b>	<b>1,084,368</b>	<b>19,353</b>	<b>13,651</b>		<b>1,051,307</b>	<b>81,716</b>		<b>-4,435</b>
<b>2011</b>								
January - March.....	273,623	3,381	3,285	44,336 <sup>E</sup>	254,583	26,617	174,727	
April - June.....	263,635	3,419	2,870	45,398 <sup>E</sup>	241,686	26,987	174,059	
July - September.....	274,626	3,588	3,402	43,763 <sup>E</sup>	279,660	25,976	153,204	
October - December.....	282,451	2,700	2,972	41,917 <sup>E</sup>	227,136	27,679	184,320	
<b>Total.....</b>	<b>1,094,336</b>	<b>13,088</b>	<b>12,529</b>		<b>1,003,065</b>	<b>107,259</b>		<b>16,956</b>

<sup>1</sup> Includes refuse recovery.

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

<sup>3</sup> "Losses and Unaccounted For" is calculated as production plus imports plus waste coal supplied minus the change in producer and distributor stocks minus consumption minus exports minus the change in consumer stocks.

<sup>E</sup> Estimated

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

Sources: • Production: All Years and Quarters - Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report" • Imports: All Years and Quarters - Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" • Waste Coal Supplied: 2004-2007 - U.S. Energy Information Administration (EIA), Form EIA-906, "Power Plant Report," Form EIA-920, "Combined Heat and Power Plant Report," and Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users;" 2008-Forward, Form EIA-923, "Power Plant Operations Report," and Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Users" • Producer and Distributor Stocks: 2004-2007 - "Short-Term Energy Outlook" estimates and Form EIA-6A, "Coal Distribution Report;" 2008-Forward - "Short-Term Energy Outlook" estimates, Form EIA-7A, "Coal Production Report," and Form EIA-8A, "Coal Stocks Report" • Exports: All Years and Quarters - Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545" • Consumption: 2004-2007 - EIA, Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants," Form EIA-7A, "Coal Production Report," and Form EIA-6A, "Coal Distribution Report;" 2008-Forward - Form EIA-923, "Power Plant Operations Report," Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants," and Form EIA-7A, "Coal Production Report." • Consumer Stocks: 2004-2007 - EIA, Form EIA-906, "Power Plant Report," Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," and Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants;" 2008-Forward - Form EIA-923, "Power Plant Operations Report," Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," and Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table ES-2. U.S. Coke Summary Statistics, 2005-2011**  
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
<b>2005</b>					
January - March.....	3,959	1,608	393	5,236	288
April - June.....	4,338	974	662	4,562	481
July - September.....	4,291	441	784	4,127	483
October - December.....	4,132	507	614	4,314	495
<b>Total.....</b>	<b>16,719</b>	<b>3,529</b>		<b>18,239</b>	<b>1,747</b>
<b>2006</b>					
January - March.....	4,115	675	470	4,755	178
April - June.....	4,102	939	419	4,664	427
July - September.....	4,128	1,402	495	4,825	629
October - December.....	4,059	1,052	685	4,539	383
<b>Total.....</b>	<b>16,404</b>	<b>4,068</b>		<b>18,784</b>	<b>1,616</b>
<b>2007</b>					
January - March.....	4,000	454	717	4,078	343
April - June.....	4,083	685	767	4,428	291
July - September.....	4,063	521	637	4,371	344
October - December.....	4,055	800	632	4,394	466
<b>Total.....</b>	<b>16,201</b>	<b>2,460</b>		<b>17,270</b>	<b>1,444</b>
<b>2008</b>					
January - March.....	4,036	850	478	4,723	316
April - June.....	3,810	1,243	505	4,559	466
July - September.....	4,107	998	464	4,494	653
October - December.....	3,694	512	916	3,229	524
<b>Total.....</b>	<b>15,646</b>	<b>3,603</b>		<b>17,006</b>	<b>1,959</b>
<b>2009</b>					
January - March.....	3,147	67	1,563	2,332	235
April - June.....	2,387	79	1,731	1,989	309
July - September.....	2,679	71	1,189	2,941	351
October - December.....	2,930	130	776	3,061	411
<b>Total.....</b>	<b>11,143</b>	<b>347</b>		<b>10,323</b>	<b>1,307</b>
<b>2010</b>					
January - March.....	3,433	365	702	3,588	285
April - June.....	3,810	448	629	4,029	300
July - September.....	3,971	330	721	3,920	290
October - December.....	3,808	71	702	3,310	587
<b>Total.....</b>	<b>15,022</b>	<b>1,214</b>		<b>14,847</b>	<b>1,463</b>
<b>2011</b>					
January - March.....	3,708	289	648	3,870	181
April - June.....	3,887	371	681	3,996	229
July - September.....	3,907	451	704	4,073	261
October - December.....	3,919	307	741	3,891	299
<b>Total.....</b>	<b>15,420</b>	<b>1,418</b>		<b>15,830</b>	<b>970</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: U.S. Energy Information Administration (EIA), 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" • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

# Production

**Table 1. U.S. Coal Production, 2005-2011**  
(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Total
2005 .....	285,802	278,793	285,293	281,610	1,131,498
2006 .....	289,145	292,416	289,792	291,397	1,162,750
2007 .....	286,041	285,687	286,035	288,872	1,146,635
2008 .....	289,015	284,331	298,911	299,552	1,171,809
2009 .....	282,772	263,017	269,339	259,796	1,074,923
2010 .....	265,702	264,982	277,505	276,180	1,084,368
2011 .....	273,623	263,635	274,626	282,451	1,094,336

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 2. Coal Production by State**  
(Thousand Short Tons)

Coal-Producing Region and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
Alabama.....	4,261	4,507	4,613	19,060	19,915	-4.3
Alaska.....	578	491	609	2,149	2,151	-0.1
Arizona.....	2,049	2,031	2,086	8,111	7,752	4.6
Arkansas.....	28	27	26	133	32	312.8
Colorado.....	6,915	7,602	5,913	27,204	25,163	8.1
Illinois.....	9,435	10,204	8,449	37,441	33,241	12.6
Indiana.....	9,673	9,447	9,248	37,432	34,950	7.1
Kansas.....	24	8	42	37	133	-71.9
Kentucky Total.....	25,648	27,465	26,135	107,852	104,960	2.8
Eastern.....	15,575	17,001	16,873	67,024	68,063	-1.5
Western.....	10,073	10,464	9,263	40,828	36,897	10.7
Louisiana.....	972	1,156	1,084	3,865	3,945	-2.0
Maryland.....	740	653	528	2,555	2,585	-1.2
Mississippi.....	774	734	1,039	2,747	4,004	-31.4
Missouri.....	125	114	114	465	458	1.4
Montana.....	11,800	11,944	11,869	41,600	44,732	-7.0
New Mexico.....	5,004	5,011	5,100	21,922	20,991	4.4
North Dakota.....	7,769	6,918	7,210	28,214	28,949	-2.5
Ohio.....	7,370	6,868	6,651	28,115	26,707	5.3
Oklahoma.....	304	265	248	1,143	1,010	13.1
Pennsylvania Total.....	15,214	15,233	14,615	59,777	58,593	2.0
Anthracite.....	576	598	412	2,174	1,705	27.5
Bituminous.....	14,638	14,635	14,203	57,603	56,888	1.3
Tennessee.....	350	443	438	1,484	1,780	-16.6
Texas.....	11,173	12,497	10,731	45,773	40,982	11.7
Utah.....	5,134	4,828	4,771	19,463	19,351	0.6
Virginia.....	5,500	5,279	5,618	22,563	22,385	0.8
West Virginia Total.....	32,722	31,292	34,064	134,529	135,220	-0.5
Northern.....	10,404	9,157	11,287	41,838	41,306	1.3
Southern.....	22,318	22,136	22,777	92,691	93,914	-1.3
Wyoming.....	118,484	108,977	114,580	438,461	442,522	-0.9
<b>Appalachian Total.....</b>	<b>81,732</b>	<b>81,276</b>	<b>83,401</b>	<b>335,107</b>	<b>335,248</b>	<b>0.0</b>
<b>Interior Total.....</b>	<b>42,583</b>	<b>44,915</b>	<b>40,243</b>	<b>169,863</b>	<b>155,653</b>	<b>9.1</b>
<b>Western Total.....</b>	<b>157,733</b>	<b>147,804</b>	<b>152,137</b>	<b>587,124</b>	<b>591,611</b>	<b>-0.8</b>
<b>East of Miss. River.....</b>	<b>111,689</b>	<b>112,125</b>	<b>111,400</b>	<b>453,554</b>	<b>444,340</b>	<b>2.1</b>
<b>West of Miss. River.....</b>	<b>170,359</b>	<b>161,870</b>	<b>164,382</b>	<b>638,540</b>	<b>638,171</b>	<b>0.1</b>
<b>U.S. Subtotal.....</b>	<b>282,048</b>	<b>273,995</b>	<b>275,781</b>	<b>1,092,094</b>	<b>1,082,511</b>	<b>0.9</b>
<b>Refuse Recovery.....</b>	<b>403</b>	<b>631</b>	<b>398</b>	<b>2,241</b>	<b>1,857</b>	<b>20.7</b>
<b>U.S. Total.....</b>	<b>282,451</b>	<b>274,626</b>	<b>276,180</b>	<b>1,094,336</b>	<b>1,084,368</b>	<b>0.9</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 3. Coke and Breeze Production at Coke Plants**  
(Thousand Short Tons)

Census Division	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	1,970	1,990	2,165	7,902	8,385	-5.8
South Atlantic .....	W	W	W	W	W	W
East South Central .....	834	861	421	3,040	1,634	86.1
<b>U.S. Total .....</b>	<b>4,175</b>	<b>4,228</b>	<b>4,122</b>	<b>16,531</b>	<b>16,188</b>	<b>2.1</b>
<b>Coke Total .....</b>	<b>3,919</b>	<b>3,907</b>	<b>3,808</b>	<b>15,420</b>	<b>15,022</b>	<b>2.7</b>
<b>Breeze Total .....</b>	<b>256</b>	<b>321</b>	<b>314</b>	<b>1,110</b>	<b>1,166</b>	<b>-4.8</b>

W = Data withheld to avoid disclosure.

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

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

## **Exports and Imports**



**Table 4. U.S. Coal Exports and Imports, 2005-2011**  
(Thousand Short Tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2005 .....	10,129	7,607	14,803	7,233	12,620	7,832	12,390	7,788	49,942	30,460
2006 .....	10,659	8,958	12,590	7,956	13,540	10,399	12,858	8,933	49,647	36,246
2007 .....	11,139	8,786	14,702	8,405	16,198	10,559	17,124	8,597	59,163	36,347
2008 .....	15,802	7,640	23,069	8,982	20,321	8,485	22,329	9,101	81,519	34,208
2009 .....	13,335	6,325	12,951	5,426	15,159	5,441	17,653	5,447	59,097	22,639
2010 .....	17,807	4,803	21,965	5,058	21,074	4,680	20,870	4,811	81,716	19,353
2011 .....	26,617	3,381	26,987	3,419	25,976	3,588	27,679	2,700	107,259	13,088

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 5. Average Price of U.S. Coal Exports and Imports, 2005-2011**  
(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2005 .....	68.26	45.13	66.26	46.49	66.42	47.76	67.85	47.40	67.10	46.71
2006 .....	74.69	47.49	71.11	51.27	68.53	48.43	70.17	49.55	70.93	49.10
2007 .....	74.13	45.91	64.30	46.86	72.10	47.38	71.09	50.51	70.25	47.64
2008 .....	81.81	52.91	97.24	55.59	102.51	64.65	104.97	65.33	97.68	59.83
2009 .....	113.08	61.03	93.28	65.44	98.70	64.93	100.98	64.72	101.44	63.91
2010 .....	106.52	62.02	121.36	71.91	125.45	77.12	126.16	76.18	120.41	71.77
2011 .....	139.34	86.00	153.00	105.86	155.88	112.06	147.38	110.19	148.86	103.32

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. Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. 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 6. Quantity and Average Price of U.S. Coal Imports by Origin, 2005-2011**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
<b>Quantity</b>								
2005 .....	231	2,017	21,215	2,468	20	3,734	775	30,460
2006 .....	245	2,048	25,341	3,147	43	4,198	1,224	36,246
2007 .....	66	1,967	26,864	3,663	50	3,425	311	36,347
2008 .....	149	2,027	26,262	3,374	45	2,312	39	34,208
2009 .....	152	1,288	17,787	2,084	9	1,297	21	22,639
<b>2010</b>								
January - March .....	92	286	3,467	708	21	229	1	4,803
April - June .....	-	463	3,761	783	18	11	21	5,058
July - September .....	81	542	3,482	368	10	141	56	4,680
October - December .....	208	476	3,874	44	4	201	4	4,811
<b>U.S. Total .....</b>	<b>380</b>	<b>1,767</b>	<b>14,584</b>	<b>1,904</b>	<b>53</b>	<b>582</b>	<b>83</b>	<b>19,353</b>
<b>2011</b>								
January - March .....	62	245	2,753	170	9	118	24	3,381
April - June .....	-	461	2,204	397	3	279	75	3,419
July - September .....	-	539	2,757	166	5	74	47	3,588
October - December .....	-	436	1,787	123	4	309	41	2,700
<b>U.S. Total .....</b>	<b>62</b>	<b>1,680</b>	<b>9,500</b>	<b>856</b>	<b>22</b>	<b>779</b>	<b>188</b>	<b>13,088</b>
<b>Average Price</b>								
2005 .....	48.50	96.67	44.82	20.83	93.35	46.46	50.15	46.71
2006 .....	52.74	99.67	46.93	22.81	98.93	54.70	55.17	49.10
2007 .....	31.71	89.96	46.33	26.10	111.71	54.70	62.60	47.64
2008 .....	53.19	109.91	57.01	37.68	228.09	75.96	145.90	59.83
2009 .....	57.54	108.68	60.66	51.74	291.64	82.38	84.47	63.91
<b>2010</b>								
January - March .....	54.34	103.91	60.24	45.65	224.74	75.55	54.47	62.02
April - June .....	-	167.94	64.51	44.15	263.15	107.11	128.21	71.91
July - September .....	52.50	184.95	64.24	42.85	121.81	67.11	112.28	77.12
October - December .....	59.47	184.72	64.06	49.18	277.14	71.62	85.76	76.18
<b>U.S. Total .....</b>	<b>56.75</b>	<b>167.33</b>	<b>63.31</b>	<b>44.58</b>	<b>223.42</b>	<b>72.75</b>	<b>114.06</b>	<b>71.77</b>
<b>2011</b>								
January - March .....	52.72	172.28	81.08	50.33	212.20	70.64	134.56	86.00
April - June .....	-	270.02	83.30	46.69	330.71	85.22	140.58	105.86
July - September .....	-	275.36	84.19	44.18	373.87	87.37	122.90	112.06
October - December .....	-	255.79	83.16	48.08	203.72	85.21	104.23	110.19
<b>U.S. Total .....</b>	<b>52.72</b>	<b>253.79</b>	<b>82.89</b>	<b>47.13</b>	<b>267.33</b>	<b>83.22</b>	<b>127.37</b>	<b>103.32</b>

- = No data are reported.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the customs import value, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments). Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. 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 7. U.S. Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>3,240,640</b>	<b>3,075,030</b>	<b>3,215,794</b>	<b>10,190,159</b>	<b>13,420,579</b>	<b>-24.1</b>
Canada <sup>1</sup> .....	2,272,034	2,054,967	2,894,121	6,845,316	11,399,896	-40.0
Honduras .....	30,347	24,823	27,558	92,674	71,590	29.5
Mexico .....	832,370	935,415	292,457	2,808,156	1,899,388	47.8
Other <sup>2</sup> .....	105,889	59,825	1,658	444,013	49,705	NM
<b>South America Total</b> .....	<b>2,600,873</b>	<b>2,773,122</b>	<b>2,206,213</b>	<b>11,213,594</b>	<b>9,472,729</b>	<b>18.4</b>
Argentina .....	108,973	637	105,841	258,488	311,109	-16.9
Brazil .....	1,805,717	2,085,713	1,708,243	8,680,249	7,924,812	9.5
Chile .....	683,676	683,270	335,896	2,205,407	1,159,820	90.2
Peru .....	256	107	51,686	53,504	52,851	1.2
Other <sup>2</sup> .....	2,251	3,395	4,547	15,946	24,137	-33.9
<b>Europe Total</b> .....	<b>14,444,421</b>	<b>13,456,554</b>	<b>9,709,024</b>	<b>53,941,906</b>	<b>38,208,076</b>	<b>41.2</b>
Armenia .....	-	-	-	-	291,222	-
Austria .....	84,875	37,143	77,193	363,627	453,982	-19.9
Belgium .....	1,030,851	691,291	446,824	3,072,041	2,282,914	34.6
Bosnia-Herzegovina .....	10,185	-	-	10,185	58,974	-82.7
Croatia .....	443,400	459,011	227,709	1,677,014	848,417	97.7
Denmark .....	-	75,879	80,181	160,568	80,181	100.3
Finland .....	-	270,387	59,593	498,954	471,645	5.8
France .....	1,222,838	770,222	589,077	4,042,258	3,165,150	27.7
Germany, Federal Republic of .....	1,826,364	770,948	596,907	4,760,855	2,663,286	78.8
Gibraltar .....	-	-	-	-	79,190	-
Greece .....	-	-	-	-	51,615	-
Iceland .....	22,524	18,819	13,234	64,344	64,734	-0.6
Italy .....	1,409,248	1,414,172	768,236	5,589,410	3,308,315	69.0
Latvia .....	329,612	78,874	142,394	643,241	142,404	351.7
Luxembourg .....	-	-	-	-	84,871	-
Netherlands .....	2,647,411	2,672,844	1,774,683	10,785,421	7,306,376	47.6
Norway .....	27,710	19,625	18,836	113,866	109,141	4.3
Poland .....	338,609	364,477	552,214	1,529,028	2,440,944	-37.4
Portugal .....	334,526	227,063	247,394	983,109	584,996	68.1
Romania .....	-	341,691	214,673	1,032,333	895,093	15.3
Russia .....	25	4	238	173	77,520	-99.8
Slovakia .....	-	147,755	76,747	274,826	221,482	24.1
Slovenia .....	173,633	238,631	330,202	731,089	446,902	63.6
Spain .....	564,854	159,073	376,410	1,795,397	1,947,131	-7.8
Sweden .....	228,304	243,842	122,614	697,924	744,991	-6.3
Turkey .....	471,488	794,741	576,623	2,944,761	2,531,524	16.3
Ukraine .....	1,312,914	1,468,235	840,441	4,784,279	2,370,874	101.8
United Kingdom .....	1,935,423	2,103,014	1,564,494	6,926,704	4,391,489	57.7
Other <sup>2</sup> .....	29,627	88,813	12,107	460,499	92,713	396.7
<b>Asia Total</b> .....	<b>6,693,686</b>	<b>5,503,810</b>	<b>4,823,612</b>	<b>27,532,610</b>	<b>17,895,985</b>	<b>53.8</b>
China .....	1,570,032	989,490	1,725,292	5,586,428	5,797,129	-3.6
India .....	1,107,067	639,073	706,919	4,500,105	2,722,677	65.3
Japan .....	1,463,754	1,410,680	752,632	6,922,539	3,164,098	118.8
Korea, South .....	2,537,074	2,419,405	1,602,233	10,448,751	5,772,599	81.0
Saudi Arabia .....	13,453	39,674	30,228	57,045	60,212	-5.3
Singapore .....	149	203	297	624	82,340	-99.2
Taiwan .....	110	154	154	352	250,666	-99.9
Other <sup>2</sup> .....	2,047	5,131	5,857	16,766	46,264	-63.8
<b>Australia and Oceania Total</b> .....	<b>7</b>	<b>167,352</b>	<b>116,295</b>	<b>333,503</b>	<b>117,686</b>	<b>183.4</b>
Australia .....	7	167,352	116,295	333,503	117,667	183.4
Other <sup>2</sup> .....	-	-	-	-	19	-
<b>Africa Total</b> .....	<b>699,651</b>	<b>999,744</b>	<b>799,079</b>	<b>4,046,789</b>	<b>2,600,620</b>	<b>55.6</b>
Egypt .....	27	78,681	81,788	793,053	1,314,846	-39.7
Morocco .....	698,354	771,882	561,588	2,942,245	1,119,021	162.9
South Africa .....	945	146,929	148,793	305,601	148,829	105.3
Other <sup>2</sup> .....	325	2,252	6,910	5,890	17,924	-67.1
<b>Total</b> .....	<b>27,679,278</b>	<b>25,975,612</b>	<b>20,870,017</b>	<b>107,258,561</b>	<b>81,715,675</b>	<b>31.3</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2010.

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>112.22</b>	<b>99.49</b>	<b>81.82</b>	<b>107.22</b>	<b>77.91</b>	<b>37.6</b>
Canada <sup>1</sup> .....	114.03	98.49	81.29	106.15	75.50	40.6
Honduras.....	54.43	77.15	59.42	70.09	64.78	8.2
Mexico.....	112.80	104.19	88.81	115.92	93.10	24.5
Other <sup>2</sup> .....	85.40	69.65	162.21	76.39	68.13	12.1
<b>South America Total</b> .....	<b>169.34</b>	<b>186.39</b>	<b>159.64</b>	<b>172.71</b>	<b>142.09</b>	<b>21.6</b>
Argentina.....	250.21	115.81	233.59	231.39	197.15	17.4
Brazil.....	199.58	222.47	180.64	197.50	155.28	27.2
Chile.....	76.15	76.34	43.27	70.42	41.38	70.2
Peru.....	239.55	367.40	80.27	95.47	82.15	16.2
Other <sup>2</sup> .....	296.74	174.67	50.46	131.37	69.11	90.1
<b>Europe Total</b> .....	<b>148.65</b>	<b>169.82</b>	<b>135.29</b>	<b>153.41</b>	<b>130.23</b>	<b>17.8</b>
Armenia.....	-	-	-	-	127.21	-
Austria.....	289.10	213.17	189.28	247.03	180.15	37.1
Belgium.....	110.78	172.43	112.98	129.53	130.67	-0.9
Bosnia-Herzegovina.....	181.45	-	-	181.45	116.12	56.3
Croatia.....	129.67	223.30	173.13	173.86	161.83	7.4
Denmark.....	-	79.60	68.04	90.51	68.04	33.0
Finland.....	-	213.89	216.49	197.27	139.21	41.7
France.....	142.48	132.33	109.48	125.81	111.53	12.8
Germany, Federal Republic of.....	130.80	154.48	142.64	126.64	118.50	6.9
Gibraltar.....	-	-	-	-	61.55	-
Greece.....	-	-	-	-	68.23	-
Iceland.....	143.08	135.19	134.99	141.49	128.84	9.8
Italy.....	158.72	191.84	145.11	176.35	133.54	32.1
Latvia.....	192.31	208.65	116.50	183.91	116.53	57.8
Luxembourg.....	-	-	-	-	167.83	-
Netherlands.....	152.69	145.81	117.16	143.11	112.76	26.9
Norway.....	181.22	174.19	131.47	156.26	121.39	28.7
Poland.....	190.86	261.10	190.45	212.87	163.39	30.3
Portugal.....	96.30	90.33	61.85	90.55	59.50	52.2
Romania.....	-	209.49	162.70	188.47	151.03	24.8
Russia.....	2,122.84	1,761.50	144.97	468.38	126.63	269.9
Slovakia.....	-	204.31	187.61	204.18	203.96	0.1
Slovenia.....	167.10	235.62	127.01	202.71	138.22	46.7
Spain.....	148.37	147.74	131.85	148.30	133.52	11.1
Sweden.....	244.04	229.69	184.28	234.73	156.58	49.9
Turkey.....	167.88	231.13	189.95	186.23	156.31	19.1
Ukraine.....	202.21	218.63	174.81	203.57	164.45	23.8
United Kingdom.....	116.15	106.72	100.91	113.70	110.62	2.8
Other <sup>2</sup> .....	54.66	55.88	204.45	90.64	158.91	-43.0
<b>Asia Total</b> .....	<b>159.13</b>	<b>146.62</b>	<b>128.04</b>	<b>150.33</b>	<b>119.70</b>	<b>25.6</b>
China.....	148.02	160.09	122.81	149.47	106.13	40.8
India.....	221.28	168.02	150.65	203.85	169.52	20.2
Japan.....	178.60	167.93	163.52	175.09	146.74	19.3
Korea, South.....	127.44	122.84	104.33	111.31	92.94	19.8
Saudi Arabia.....	149.42	165.60	278.61	160.38	211.56	-24.2
Singapore.....	161.62	124.74	104.10	161.20	72.58	122.1
Taiwan.....	452.20	440.55	405.00	435.30	170.51	155.3
Other <sup>2</sup> .....	454.55	75.47	83.00	118.63	65.80	80.3
<b>Australia and Oceania Total</b> .....	<b>932.14</b>	<b>31.94</b>	<b>31.85</b>	<b>31.89</b>	<b>32.74</b>	<b>-2.6</b>
Australia.....	932.14	31.94	31.85	31.89	32.66	-2.3
Other <sup>2</sup> .....	-	-	-	-	526.89	-
<b>Africa Total</b> .....	<b>90.05</b>	<b>128.91</b>	<b>103.50</b>	<b>126.64</b>	<b>125.27</b>	<b>1.1</b>
Egypt.....	690.30	264.48	225.46	233.19	167.97	38.8
Morocco.....	89.20	85.36	75.24	83.20	73.65	13.0
South Africa.....	167.21	285.83	145.19	268.05	145.27	84.5
Other <sup>2</sup> .....	1,643.53	81.15	59.03	144.89	48.88	196.4
<b>U.S. Total</b> .....	<b>147.38</b>	<b>155.88</b>	<b>126.16</b>	<b>148.86</b>	<b>120.41</b>	<b>23.6</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 2010.

- = No data are reported.

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, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments).

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

**Table 9. U.S. Steam Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>1,154,891</b>	<b>1,850,435</b>	<b>1,969,882</b>	<b>5,050,571</b>	<b>9,198,691</b>	<b>-45.1</b>
Canada <sup>1</sup> .....	516,688	1,042,151	1,745,125	2,687,080	7,993,148	-66.4
Honduras .....	30,347	24,823	27,558	92,674	27,582	236.0
Mexico .....	559,102	723,636	195,541	1,907,479	1,128,310	69.1
Other <sup>2</sup> .....	48,754	59,825	1,658	363,338	49,651	NM
<b>South America Total</b> .....	<b>555,753</b>	<b>544,952</b>	<b>456,259</b>	<b>2,185,537</b>	<b>1,309,492</b>	<b>66.9</b>
Argentina .....	169	637	465	1,476	1,382	6.8
Brazil .....	32,286	128,900	63,665	343,446	71,310	381.6
Chile .....	520,791	411,913	335,896	1,771,165	1,159,812	52.7
Peru .....	256	107	51,686	53,504	52,851	1.2
Other <sup>2</sup> .....	2,251	3,395	4,547	15,946	24,137	-33.9
<b>Europe Total</b> .....	<b>5,881,838</b>	<b>4,642,568</b>	<b>3,125,702</b>	<b>19,635,237</b>	<b>8,751,335</b>	<b>124.4</b>
Belgium .....	840,265	281,926	176,561	1,621,478	420,792	285.3
Croatia .....	225,466	74,737	-	448,276	-	-
Denmark .....	-	75,879	80,181	160,568	80,181	100.3
Finland .....	-	79,140	-	160,160	182,929	-12.4
France .....	700,210	308,181	346,292	2,290,371	1,189,946	92.5
Germany, Federal Republic of .....	881,959	430,437	248,809	2,639,103	1,033,542	155.3
Greece .....	-	-	-	-	51,615	-
Iceland .....	-	-	-	-	30	-
Italy .....	321,479	327,222	151,402	1,105,937	675,570	63.7
Latvia .....	-	-	36,904	115,605	36,914	213.2
Netherlands .....	871,710	1,283,228	748,847	4,293,627	1,873,093	129.2
Norway .....	6,302	106	3,066	25,049	26,669	-6.1
Poland .....	74,719	-	-	142,249	72,034	97.5
Portugal .....	334,526	227,063	247,394	880,421	584,996	50.5
Russia .....	25	4	238	173	8,073	-97.9
Slovenia .....	-	-	163,256	-	200,709	-
Spain .....	200,927	191	87,696	574,580	412,002	39.5
Sweden .....	92,987	-	122,614	169,148	303,145	-44.2
Turkey .....	79,167	463	294	466,808	243,625	91.6
Ukraine .....	690	-	-	71,583	-	-
United Kingdom .....	1,221,779	1,465,178	712,126	4,188,120	1,347,611	210.8
Other <sup>2</sup> .....	29,627	88,813	22	281,981	7,859	NM
<b>Asia Total</b> .....	<b>1,493,190</b>	<b>1,718,821</b>	<b>1,355,355</b>	<b>7,825,265</b>	<b>4,921,024</b>	<b>59.0</b>
China .....	300,458	566	270,415	966,385	1,599,184	-39.6
India .....	193	237,579	188,568	698,894	188,958	269.9
Japan .....	237,283	244,837	58,860	733,087	192,366	281.1
Korea, South .....	939,497	1,219,919	829,666	5,381,354	2,780,104	93.6
Saudi Arabia .....	13,453	10,432	1,538	27,803	31,522	-11.8
Singapore .....	149	203	297	624	82,309	-99.2
Taiwan .....	110	154	154	352	484	-27.3
Other <sup>2</sup> .....	2,047	5,131	5,857	16,766	46,097	-63.6
<b>Australia and Oceania Total</b> .....	<b>7</b>	<b>167,352</b>	<b>116,295</b>	<b>333,503</b>	<b>117,686</b>	<b>183.4</b>
Australia .....	7	167,352	116,295	333,503	117,667	183.4
Other <sup>2</sup> .....	-	-	-	-	19	-
<b>Africa Total</b> .....	<b>557,887</b>	<b>568,745</b>	<b>569,104</b>	<b>2,696,770</b>	<b>1,303,631</b>	<b>106.9</b>
Egypt .....	27	1,452	585	165,937	166,629	-0.4
Morocco .....	556,590	564,428	561,588	2,523,092	1,119,021	125.5
South Africa .....	945	613	21	1,851	57	NM
Other <sup>2</sup> .....	325	2,252	6,910	5,890	17,924	-67.1
<b>Total</b> .....	<b>9,643,566</b>	<b>9,492,873</b>	<b>7,592,597</b>	<b>37,726,883</b>	<b>25,601,859</b>	<b>47.4</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2010.

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

Note: • Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, sub-bituminous, lignite, and anthracite.

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

**Table 10. Average Price of U.S. Steam Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>79.40</b>	<b>76.61</b>	<b>59.24</b>	<b>78.97</b>	<b>61.62</b>	<b>28.2</b>
Canada <sup>1</sup> .....	69.35	67.20	57.92	71.28	59.84	19.1
Honduras.....	54.43	77.15	59.42	70.09	59.58	17.6
Mexico.....	89.98	90.71	70.18	91.15	74.00	23.2
Other <sup>2</sup> .....	80.23	69.65	162.21	74.16	68.00	9.1
<b>South America Total</b> .....	<b>81.51</b>	<b>102.01</b>	<b>65.00</b>	<b>83.92</b>	<b>49.99</b>	<b>67.9</b>
Argentina.....	429.98	115.81	91.22	150.24	112.81	33.2
Brazil.....	199.05	194.00	168.11	165.80	158.51	4.6
Chile.....	73.10	72.53	43.27	67.21	41.38	62.4
Peru.....	239.55	367.40	80.27	95.47	82.15	16.2
Other <sup>2</sup> .....	296.74	174.67	50.46	131.37	69.11	90.1
<b>Europe Total</b> .....	<b>91.70</b>	<b>84.80</b>	<b>75.94</b>	<b>87.46</b>	<b>77.42</b>	<b>13.0</b>
Belgium.....	89.36	67.41	66.14	84.28	80.34	4.9
Croatia.....	84.37	84.37	-	80.89	-	-
Denmark.....	-	79.60	68.04	90.51	68.04	33.0
Finland.....	-	96.84	-	81.58	80.74	1.0
France.....	93.47	89.13	77.66	88.10	81.07	8.7
Germany, Federal Republic of.....	96.20	80.60	66.24	85.12	65.91	29.2
Greece.....	-	-	-	-	68.23	-
Iceland.....	-	-	-	-	479.47	-
Italy.....	101.98	87.51	70.14	94.03	87.37	7.6
Latvia.....	-	-	66.45	143.23	66.57	115.2
Netherlands.....	91.09	92.87	78.22	89.31	72.33	23.5
Norway.....	234.75	1,799.53	39.91	128.44	39.92	221.8
Poland.....	54.43	-	-	61.41	45.36	35.4
Portugal.....	96.30	90.33	61.85	91.74	59.50	54.2
Russia.....	2,122.84	1,761.50	144.97	468.38	45.35	NM
Slovenia.....	-	-	74.91	-	74.68	-
Spain.....	64.31	188.94	68.18	67.74	63.54	6.6
Sweden.....	253.47	-	184.28	253.57	175.17	44.8
Turkey.....	55.68	235.05	273.98	84.90	160.84	-47.2
Ukraine.....	169.82	-	-	193.01	-	-
United Kingdom.....	83.74	81.15	68.62	80.42	63.10	27.5
Other <sup>2</sup> .....	54.66	55.88	389.64	76.07	48.44	57.0
<b>Asia Total</b> .....	<b>54.78</b>	<b>48.58</b>	<b>51.70</b>	<b>61.61</b>	<b>51.24</b>	<b>20.2</b>
China.....	62.46	327.03	70.41	97.28	62.91	54.6
India.....	525.63	54.77	54.77	83.43	55.74	49.7
Japan.....	89.17	82.71	96.50	98.37	75.85	29.7
Korea, South.....	41.25	39.38	41.25	46.71	40.54	15.2
Saudi Arabia.....	149.42	146.64	145.18	147.78	144.02	2.6
Singapore.....	161.62	124.74	104.10	161.20	72.50	122.3
Taiwan.....	452.20	440.55	405.00	435.30	377.67	15.3
Other <sup>2</sup> .....	454.55	75.47	83.00	118.63	65.62	80.8
<b>Australia and Oceania Total</b> .....	<b>932.14</b>	<b>31.94</b>	<b>31.85</b>	<b>31.89</b>	<b>32.74</b>	<b>-2.6</b>
Australia.....	932.14	31.94	31.85	31.89	32.66	-2.3
Other <sup>2</sup> .....	-	-	-	-	526.89	-
<b>Africa Total</b> .....	<b>88.66</b>	<b>81.97</b>	<b>75.02</b>	<b>89.68</b>	<b>86.01</b>	<b>4.3</b>
Egypt.....	690.30	242.42	39.94	216.12	172.89	25.0
Morocco.....	87.59	81.49	75.24	81.18	73.65	10.2
South Africa.....	167.21	145.32	467.52	162.54	464.40	-65.0
Other <sup>2</sup> .....	1,643.53	81.15	59.03	144.89	48.88	196.4
<b>U.S. Total</b> .....	<b>83.75</b>	<b>76.53</b>	<b>65.88</b>	<b>80.42</b>	<b>65.54</b>	<b>22.7</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2010.

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments). Steam coal includes bituminous, sub-bituminous, lignite, and anthracite.

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

**Table 11. U.S. Metallurgical Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>2,085,749</b>	<b>1,224,595</b>	<b>1,245,912</b>	<b>5,139,588</b>	<b>4,221,888</b>	<b>21.7</b>
Canada <sup>1</sup> .....	1,755,346	1,012,816	1,148,996	4,158,236	3,406,748	22.1
Honduras .....	-	-	-	-	44,008	-
Mexico .....	273,268	211,779	96,916	900,677	771,078	16.8
Other <sup>2</sup> .....	57,135	-	-	80,675	54	NM
<b>South America Total</b> .....	<b>2,045,120</b>	<b>2,228,170</b>	<b>1,749,954</b>	<b>9,028,057</b>	<b>8,163,237</b>	<b>10.6</b>
Argentina .....	108,804	-	105,376	257,012	309,727	-17.0
Brazil .....	1,773,431	1,956,813	1,644,578	8,336,803	7,853,502	6.2
Chile .....	162,885	271,357	-	434,242	8	NM
<b>Europe Total</b> .....	<b>8,562,583</b>	<b>8,813,986</b>	<b>6,583,322</b>	<b>34,306,669</b>	<b>29,456,741</b>	<b>16.5</b>
Armenia .....	-	-	-	-	291,222	-
Austria .....	84,875	37,143	77,193	363,627	453,982	-19.9
Belgium .....	190,586	409,365	270,263	1,450,563	1,862,122	-22.1
Bosnia-Herzegovina .....	10,185	-	-	10,185	58,974	-82.7
Croatia .....	217,934	384,274	227,709	1,228,738	848,417	44.8
Finland .....	-	191,247	59,593	338,794	288,716	17.3
France .....	522,628	462,041	242,785	1,751,887	1,975,204	-11.3
Germany, Federal Republic of .....	944,405	340,511	348,098	2,121,752	1,629,744	30.2
Gibraltar .....	-	-	-	-	79,190	-
Iceland .....	22,524	18,819	13,234	64,344	64,704	-0.6
Italy .....	1,087,769	1,086,950	616,834	4,483,473	2,632,745	70.3
Latvia .....	329,612	78,874	105,490	527,636	105,490	400.2
Luxembourg .....	-	-	-	-	84,871	-
Netherlands .....	1,775,701	1,389,616	1,025,836	6,491,794	5,433,283	19.5
Norway .....	21,408	19,519	15,770	88,817	82,472	7.7
Poland .....	263,890	364,477	552,214	1,386,779	2,368,910	-41.5
Portugal .....	-	-	-	102,688	-	-
Romania .....	-	341,691	214,673	1,032,333	895,093	15.3
Russia .....	-	-	-	-	69,447	-
Slovakia .....	-	147,755	76,747	274,826	221,482	24.1
Slovenia .....	173,633	238,631	166,946	731,089	246,193	197.0
Spain .....	363,927	158,882	288,714	1,220,817	1,535,129	-20.5
Sweden .....	135,317	243,842	-	528,776	441,846	19.7
Turkey .....	392,321	794,278	576,329	2,477,953	2,287,899	8.3
Ukraine .....	1,312,224	1,468,235	840,441	4,712,696	2,370,874	98.8
United Kingdom .....	713,644	637,836	852,368	2,738,584	3,043,878	-10.0
Other <sup>2</sup> .....	-	-	12,085	178,518	84,854	110.4
<b>Asia Total</b> .....	<b>5,200,496</b>	<b>3,784,989</b>	<b>3,468,257</b>	<b>19,707,345</b>	<b>12,974,961</b>	<b>51.9</b>
China .....	1,269,574	988,924	1,454,877	4,620,043	4,197,945	10.1
India .....	1,106,874	401,494	518,351	3,801,211	2,533,719	50.0
Japan .....	1,226,471	1,165,843	693,772	6,189,452	2,971,732	108.3
Korea, South .....	1,597,577	1,199,486	772,567	5,067,397	2,992,495	69.3
Saudi Arabia .....	-	29,242	28,690	29,242	28,690	1.9
Singapore .....	-	-	-	-	31	-
Taiwan .....	-	-	-	-	250,182	-
Other <sup>2</sup> .....	-	-	-	-	167	-
<b>Africa Total</b> .....	<b>141,764</b>	<b>430,999</b>	<b>229,975</b>	<b>1,350,019</b>	<b>1,296,989</b>	<b>4.1</b>
Egypt .....	-	77,229	81,203	627,116	1,148,217	-45.4
Morocco .....	141,764	207,454	-	419,153	-	-
South Africa .....	-	146,316	148,772	303,750	148,772	104.2
<b>Total</b> .....	<b>18,035,712</b>	<b>16,482,739</b>	<b>13,277,420</b>	<b>69,531,678</b>	<b>56,113,816</b>	<b>23.9</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 2010.

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>130.39</b>	<b>134.06</b>	<b>117.52</b>	<b>134.98</b>	<b>113.39</b>	<b>19.0</b>
Canada <sup>1</sup> .....	127.18	130.68	116.78	128.69	112.25	14.6
Honduras .....	-	-	-	-	68.04	-
Mexico .....	159.51	150.25	126.38	168.37	121.05	39.1
Other <sup>2</sup> .....	89.81	-	-	86.45	187.56	-53.9
<b>South America Total</b> .....	<b>193.21</b>	<b>207.03</b>	<b>184.32</b>	<b>194.20</b>	<b>156.86</b>	<b>23.8</b>
Argentina .....	249.93	-	234.21	231.86	197.52	17.4
Brazil .....	199.59	224.34	181.12	198.80	155.26	28.1
Chile .....	85.91	82.13	-	83.55	391.50	-78.7
<b>Europe Total</b> .....	<b>187.78</b>	<b>214.61</b>	<b>163.47</b>	<b>191.15</b>	<b>145.92</b>	<b>31.0</b>
Armenia .....	-	-	-	-	127.21	-
Austria .....	289.10	213.17	189.28	247.03	180.15	37.1
Belgium .....	205.21	244.75	143.59	180.10	142.04	26.8
Bosnia-Herzegovina .....	181.45	-	-	181.45	116.12	56.3
Croatia .....	176.54	250.33	173.13	207.78	161.83	28.4
Finland .....	-	262.32	216.49	251.96	176.26	42.9
France .....	208.13	161.14	154.87	175.11	129.88	34.8
Germany, Federal Republic of .....	163.11	247.88	197.25	178.27	151.85	17.4
Gibraltar .....	-	-	-	-	61.55	-
Iceland .....	143.08	135.19	134.99	141.49	128.68	10.0
Italy .....	175.48	223.26	163.51	196.65	145.39	35.3
Latvia .....	192.31	208.65	134.01	192.82	134.01	43.9
Luxembourg .....	-	-	-	-	167.83	-
Netherlands .....	182.92	194.70	145.58	178.69	126.70	41.0
Norway .....	165.46	165.36	149.28	164.11	147.73	11.1
Poland .....	229.49	261.10	190.45	228.41	166.98	36.8
Portugal .....	-	-	-	80.28	-	-
Romania .....	-	209.49	162.70	188.47	151.03	24.8
Russia .....	-	-	-	-	136.08	-
Slovakia .....	-	204.31	187.61	204.18	203.96	0.1
Slovenia .....	167.10	235.62	177.96	202.71	190.03	6.7
Spain .....	194.77	147.69	151.19	186.21	152.31	22.3
Sweden .....	237.57	229.69	-	228.70	143.82	59.0
Turkey .....	190.52	231.12	189.91	205.32	155.83	31.8
Ukraine .....	202.22	218.63	174.81	203.73	164.45	23.9
United Kingdom .....	171.65	165.46	127.89	164.59	131.66	25.0
Other <sup>2</sup> .....	-	-	204.12	113.66	169.14	-32.8
<b>Asia Total</b> .....	<b>189.09</b>	<b>191.14</b>	<b>157.87</b>	<b>185.55</b>	<b>145.66</b>	<b>27.4</b>
China .....	168.27	160.00	132.55	160.39	122.59	30.8
India .....	221.22	235.03	185.53	225.99	178.01	27.0
Japan .....	195.90	185.83	169.21	184.17	151.33	21.7
Korea, South .....	178.13	207.73	172.06	179.92	141.62	27.0
Saudi Arabia .....	-	172.37	285.76	172.37	285.76	-39.7
Singapore .....	-	-	-	-	279.61	-
Taiwan .....	-	-	-	-	170.11	-
Other <sup>2</sup> .....	-	-	-	-	113.05	-
<b>Africa Total</b> .....	<b>95.53</b>	<b>190.84</b>	<b>173.98</b>	<b>200.48</b>	<b>164.72</b>	<b>21.7</b>
Egypt .....	-	264.90	226.80	237.71	167.25	42.1
Morocco .....	95.53	95.86	-	95.35	-	-
South Africa .....	-	286.42	145.15	268.70	145.15	85.1
<b>U.S. Total</b> .....	<b>181.41</b>	<b>201.59</b>	<b>160.63</b>	<b>185.99</b>	<b>145.44</b>	<b>27.9</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 2010.

- = No data are reported.

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, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments).

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



**Table 13. Coal Exports by Customs District**  
(Short Tons)

Customs District	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Eastern Total</b> .....	<b>15,434,214</b>	<b>13,619,614</b>	<b>11,488,822</b>	<b>62,114,562</b>	<b>47,492,469</b>	<b>30.8</b>
Baltimore, MD.....	4,890,957	4,118,132	3,757,886	19,259,578	13,857,299	39.0
Boston, MA.....	4	-	-	4	51	-92.2
Buffalo, NY.....	547,084	445,151	466,597	1,426,851	1,379,206	3.5
New York, NY.....	3,803	1,973	2,774	10,077	66,375	-84.8
Norfolk, VA.....	9,944,880	8,995,442	7,231,967	40,953,689	32,020,375	27.9
Ogdensburg, NY.....	7,831	22,197	6,299	242,485	101,003	140.1
Philadelphia, PA.....	39,518	36,507	23,161	221,375	67,903	226.0
Portland, ME.....	-	-	-	-	23	-
St. Albans, VT.....	137	212	138	503	234	115.0
<b>Southern Total</b> .....	<b>8,851,669</b>	<b>8,882,174</b>	<b>5,728,567</b>	<b>32,591,739</b>	<b>19,819,476</b>	<b>64.4</b>
Charleston, SC.....	110	-	185	121	1,882	-93.6
El Paso, TX.....	50,414	128,498	49,218	267,147	182,728	46.2
Houston-Galveston, TX.....	246,020	256,465	22,659	545,983	134,730	305.2
Laredo, TX.....	202,178	37,326	28,555	261,577	412,666	-36.6
Miami, FL.....	62	129	261	2,872	1,708	68.1
Mobile, AL.....	2,501,716	2,618,066	2,328,361	10,137,865	9,726,942	4.2
New Orleans, LA.....	5,850,964	5,841,655	3,298,582	21,374,975	9,355,362	128.5
Savannah, GA.....	133	-	91	326	251	29.9
Tampa, FL.....	72	35	655	873	3,207	-72.8
<b>Western Total</b> .....	<b>1,672,069</b>	<b>1,862,592</b>	<b>1,424,221</b>	<b>7,387,079</b>	<b>5,127,130</b>	<b>44.1</b>
Anchorage, AK.....	324,290	280,284	227,683	1,061,871	913,328	16.3
Great Falls, MT.....	84	22	69	13,851	278	NM
Los Angeles, CA.....	371,187	329,108	328,973	1,447,317	699,770	106.8
Nogales, AZ.....	-	4	104	4	130	-96.9
Portland, OR.....	-	-	-	-	9,039	-
San Diego, CA.....	21	140	92	322	395	-18.5
San Francisco, CA.....	42	-	25	53	3,986	-98.7
Seattle, WA.....	976,445	1,253,034	867,275	4,863,661	3,500,204	39.0
<b>Northern Total</b> .....	<b>1,571,096</b>	<b>1,514,139</b>	<b>2,200,329</b>	<b>4,854,451</b>	<b>9,159,035</b>	<b>-47.0</b>
Chicago, IL.....	-	-	-	24	47	-48.9
Cleveland, OH.....	1,168,966	607,237	666,937	2,775,373	2,799,441	-0.9
Detroit, MI.....	258,386	820,742	1,529,317	1,708,418	6,348,698	-73.1
Duluth, MN.....	525	-	1,813	525	8,066	-93.5
Minneapolis, MN.....	142,382	85,642	-	367,780	-	-
Pembina, ND.....	837	518	2,262	2,331	2,783	-16.2
<b>Other Ports</b> .....	<b>150,230</b>	<b>97,093</b>	<b>28,078</b>	<b>310,730</b>	<b>117,565</b>	<b>164.3</b>
<b>Total</b> .....	<b>27,679,278</b>	<b>25,975,612</b>	<b>20,870,017</b>	<b>107,258,561</b>	<b>81,715,675</b>	<b>31.3</b>

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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 14. Steam Coal Exports by Customs District**  
(Short Tons)

Customs District	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Eastern Total</b> .....	<b>3,172,812</b>	<b>1,928,602</b>	<b>1,898,637</b>	<b>11,715,694</b>	<b>5,808,402</b>	<b>101.7</b>
Baltimore, MD.....	917,501	585,700	798,862	3,899,487	2,017,765	93.3
Boston, MA.....	4	-	-	4	51	-92.2
Buffalo, NY.....	1,781	4,201	31,915	9,962	36,910	-73.0
New York, NY.....	3,803	1,973	2,645	10,077	66,203	-84.8
Norfolk, VA.....	2,203,172	1,283,645	1,036,609	7,409,486	3,537,884	109.4
Ogdensburg, NY.....	6,896	16,364	5,307	228,734	81,448	180.8
Philadelphia, PA.....	39,518	36,507	23,161	157,441	67,884	131.9
Portland, ME.....	-	-	-	-	23	-
St. Albans, VT.....	137	212	138	503	234	115.0
<b>Southern Total</b> .....	<b>4,286,467</b>	<b>4,656,480</b>	<b>2,754,654</b>	<b>16,186,690</b>	<b>7,435,116</b>	<b>117.7</b>
Charleston, SC.....	110	-	185	121	1,882	-93.6
El Paso, TX.....	50,414	46,485	49,218	162,364	182,728	-11.1
Houston-Galveston, TX.....	9,639	74,375	22,659	127,512	134,730	-5.4
Laredo, TX.....	120,081	6,295	14,737	148,429	65,481	126.7
Miami, FL.....	62	129	261	2,328	1,646	41.4
Mobile, AL.....	317,017	274,227	206,377	867,070	352,788	145.8
New Orleans, LA.....	3,788,939	4,254,934	2,460,471	14,877,667	6,692,541	122.3
Savannah, GA.....	133	-	91	326	113	188.5
Tampa, FL.....	72	35	655	873	3,207	-72.8
<b>Western Total</b> .....	<b>1,672,069</b>	<b>1,862,592</b>	<b>1,424,221</b>	<b>7,387,079</b>	<b>5,126,980</b>	<b>44.1</b>
Anchorage, AK.....	324,290	280,284	227,683	1,061,871	913,305	16.3
Great Falls, MT.....	84	22	69	13,851	278	NM
Los Angeles, CA.....	371,187	329,108	328,973	1,447,317	699,697	106.8
Nogales, AZ.....	-	4	104	4	130	-96.9
Portland, OR.....	-	-	-	-	9,039	-
San Diego, CA.....	21	140	92	322	372	-13.4
San Francisco, CA.....	42	-	25	53	3,955	-98.7
Seattle, WA.....	976,445	1,253,034	867,275	4,863,661	3,500,204	39.0
<b>Northern Total</b> .....	<b>361,988</b>	<b>948,106</b>	<b>1,487,007</b>	<b>2,126,690</b>	<b>7,113,796</b>	<b>-70.1</b>
Chicago, IL.....	-	-	-	24	47	-48.9
Cleveland, OH.....	24,035	42,126	-	121,470	915,139	-86.7
Detroit, MI.....	194,209	819,845	1,482,932	1,634,610	6,187,802	-73.6
Duluth, MN.....	525	-	1,813	525	8,066	-93.5
Minneapolis, MN.....	142,382	85,642	-	367,780	-	-
Pembina, ND.....	837	493	2,262	2,281	2,742	-16.8
<b>Other Ports</b> .....	<b>150,230</b>	<b>97,093</b>	<b>28,078</b>	<b>310,730</b>	<b>117,565</b>	<b>164.3</b>
<b>Total</b> .....	<b>9,643,566</b>	<b>9,492,873</b>	<b>7,592,597</b>	<b>37,726,883</b>	<b>25,601,859</b>	<b>47.4</b>

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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. Metallurgical Coal Exports by Customs District**  
(Short Tons)

Customs District	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Eastern Total</b> .....	<b>12,261,402</b>	<b>11,691,012</b>	<b>9,590,185</b>	<b>50,398,868</b>	<b>41,684,067</b>	<b>20.9</b>
Baltimore, MD.....	3,973,456	3,532,432	2,959,024	15,360,091	11,839,534	29.7
Buffalo, NY.....	545,303	440,950	434,682	1,416,889	1,342,296	5.6
New York, NY.....	-	-	129	-	172	-
Norfolk, VA.....	7,741,708	7,711,797	6,195,358	33,544,203	28,482,491	17.8
Ogdensburg, NY.....	935	5,833	992	13,751	19,555	-29.7
Philadelphia, PA.....	-	-	-	63,934	19	NM
<b>Southern Total</b> .....	<b>4,565,202</b>	<b>4,225,694</b>	<b>2,973,913</b>	<b>16,405,049</b>	<b>12,384,360</b>	<b>32.5</b>
El Paso, TX.....	-	82,013	-	104,783	-	-
Houston-Galveston, TX.....	236,381	182,090	-	418,471	-	-
Laredo, TX.....	82,097	31,031	13,818	113,148	347,185	-67.4
Miami, FL.....	-	-	-	544	62	NM
Mobile, AL.....	2,184,699	2,343,839	2,121,984	9,270,795	9,374,154	-1.1
New Orleans, LA.....	2,062,025	1,586,721	838,111	6,497,308	2,662,821	144.0
Savannah, GA.....	-	-	-	-	138	-
<b>Western Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>150</b>	<b>-</b>
Anchorage, AK.....	-	-	-	-	23	-
Los Angeles, CA.....	-	-	-	-	73	-
San Diego, CA.....	-	-	-	-	23	-
San Francisco, CA.....	-	-	-	-	31	-
<b>Northern Total</b> .....	<b>1,209,108</b>	<b>566,033</b>	<b>713,322</b>	<b>2,727,761</b>	<b>2,045,239</b>	<b>33.4</b>
Cleveland, OH.....	1,144,931	565,111	666,937	2,653,903	1,884,302	40.8
Detroit, MI.....	64,177	897	46,385	73,808	160,896	-54.1
Pembina, ND.....	-	25	-	50	41	22.0
<b>Total</b> .....	<b>18,035,712</b>	<b>16,482,739</b>	<b>13,277,420</b>	<b>69,531,678</b>	<b>56,113,816</b>	<b>23.9</b>

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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

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

**Table 16. U.S. Coke Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>231,575</b>	<b>180,173</b>	<b>361,002</b>	<b>703,602</b>	<b>922,442</b>	<b>-23.7</b>
Canada <sup>1</sup> .....	159,182	72,147	183,158	406,854	400,353	1.6
Mexico .....	70,025	105,831	176,439	289,347	509,695	-43.2
Other <sup>2</sup> .....	2,368	2,195	1,405	7,401	12,394	-40.3
<b>South America Total</b> .....	<b>416</b>	<b>54,211</b>	<b>41,196</b>	<b>88,630</b>	<b>139,016</b>	<b>-36.2</b>
Brazil .....	-	54,180	41,049	87,979	138,696	-36.6
Other <sup>2</sup> .....	416	31	147	651	320	103.4
<b>Europe Total</b> .....	<b>40,507</b>	<b>230</b>	<b>23,391</b>	<b>117,425</b>	<b>94,388</b>	<b>24.4</b>
Other <sup>2</sup> .....	40,507	230	23,391	117,425	94,388	24.4
<b>Asia Total</b> .....	<b>128</b>	<b>639</b>	<b>132,405</b>	<b>1,546</b>	<b>175,209</b>	<b>-99.1</b>
India .....	-	-	88,014	-	128,672	-
Other <sup>2</sup> .....	128	639	44,391	1,546	46,537	-96.7
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>22</b>	<b>-</b>	<b>22</b>	<b>-</b>	<b>-</b>
Other <sup>2</sup> .....	-	22	-	22	-	-
<b>Africa Total</b> .....	<b>25,904</b>	<b>26,192</b>	<b>29,412</b>	<b>58,859</b>	<b>131,765</b>	<b>-55.3</b>
Gabon .....	25,904	25,838	25,904	51,742	51,555	0.4
Other <sup>2</sup> .....	-	354	3,508	7,117	80,210	-91.1
<b>Total</b> .....	<b>298,530</b>	<b>261,467</b>	<b>587,406</b>	<b>970,084</b>	<b>1,462,820</b>	<b>-33.7</b>

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

<sup>2</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2010.

- = No data are reported.

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

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>234.02</b>	<b>211.08</b>	<b>132.65</b>	<b>220.77</b>	<b>166.75</b>	<b>32.4</b>
Canada <sup>1</sup> .....	271.63	327.45	89.16	252.73	143.34	76.3
Mexico .....	151.50	133.66	177.93	177.94	186.65	-4.7
Other <sup>2</sup> .....	146.07	118.80	114.55	138.31	104.59	32.2
<b>South America Total</b> .....	<b>108.55</b>	<b>205.02</b>	<b>130.86</b>	<b>233.16</b>	<b>100.36</b>	<b>132.3</b>
Brazil .....	-	205.06	130.74	233.54	100.19	133.1
Other <sup>2</sup> .....	108.55	140.35	165.74	182.08	171.11	6.4
<b>Europe Total</b> .....	<b>232.59</b>	<b>139.07</b>	<b>96.81</b>	<b>239.03</b>	<b>140.27</b>	<b>70.4</b>
Other <sup>2</sup> .....	232.59	139.07	96.81	239.03	140.27	70.4
<b>Asia Total</b> .....	<b>451.01</b>	<b>382.41</b>	<b>231.91</b>	<b>540.56</b>	<b>237.07</b>	<b>128.0</b>
India .....	-	-	287.24	-	273.85	-
Other <sup>2</sup> .....	451.01	382.41	122.21	540.56	135.40	299.2
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>162.73</b>	<b>-</b>	<b>162.73</b>	<b>-</b>	<b>-</b>
Other <sup>2</sup> .....	-	162.73	-	162.73	-	-
<b>Africa Total</b> .....	<b>90.72</b>	<b>91.71</b>	<b>93.42</b>	<b>93.87</b>	<b>167.75</b>	<b>-44.0</b>
Gabon .....	90.72	90.72	90.72	90.72	86.21	5.2
Other <sup>2</sup> .....	-	164.19	113.38	116.78	220.16	-47.0
<b>U.S. Total</b> .....	<b>221.31</b>	<b>198.22</b>	<b>151.51</b>	<b>216.92</b>	<b>167.25</b>	<b>29.7</b>

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

<sup>2</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2010.

- = No data are reported.

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 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>436,204</b>	<b>543,145</b>	<b>476,210</b>	<b>1,720,828</b>	<b>1,801,699</b>	<b>-4.5</b>
Aruba .....	-	-	-	35,502	-	-
Bahamas.....	-	-	-	-	34,803	-
British Virgin Islands .....	-	4,409	-	4,409	-	-
Canada .....	436,029	538,736	476,210	1,680,490	1,766,896	-4.9
Mexico .....	175	-	-	427	-	-
<b>South America Total</b> .....	<b>2,106,201</b>	<b>2,830,618</b>	<b>4,074,848</b>	<b>10,289,825</b>	<b>15,165,736</b>	<b>-32.2</b>
Argentina .....	20	-	44	20	86	-76.7
Colombia .....	1,786,739	2,757,040	3,874,163	9,500,387	14,583,950	-34.9
Peru .....	10,531	-	-	10,531	-	-
Venezuela .....	308,911	73,578	200,641	778,887	581,700	33.9
<b>Europe Total</b> .....	<b>25,451</b>	<b>38,760</b>	<b>3,637</b>	<b>127,252</b>	<b>45,021</b>	<b>182.7</b>
France .....	237	-	-	237	-	-
Germany, Federal Republic of .....	-	-	-	1,697	-	-
Italy .....	-	2	-	2	4	-50.0
Poland .....	-	-	-	331	-	-
Russia.....	-	177	-	177	-	-
Turkey.....	-	-	-	33	-	-
Ukraine .....	25,214	38,581	-	124,775	41,370	201.6
United Kingdom .....	-	-	3,637	-	3,647	-
<b>Asia Total</b> .....	<b>126,721</b>	<b>174,679</b>	<b>48,887</b>	<b>882,051</b>	<b>1,958,935</b>	<b>-55.0</b>
China.....	4,108	5,423	4,052	22,128	52,869	-58.1
India.....	-	3,270	362	3,759	2,002	87.8
Indonesia.....	122,613	165,982	44,467	856,038	1,904,040	-55.0
Japan .....	-	-	-	118	-	-
Korea, South.....	-	4	-	8	18	-55.6
Syria.....	-	-	6	-	6	-
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>-</b>	<b>207,697</b>	<b>61,745</b>	<b>380,854</b>	<b>-83.8</b>
Australia.....	-	-	207,697	61,745	380,404	-83.8
New Zealand.....	-	-	-	-	450	-
<b>Africa Total</b> .....	<b>5,266</b>	<b>639</b>	<b>-</b>	<b>5,905</b>	<b>442</b>	<b>NM</b>
Egypt.....	5,233	639	-	5,872	442	NM
South Africa.....	33	-	-	33	-	-
<b>Total</b> .....	<b>2,699,843</b>	<b>3,587,841</b>	<b>4,811,279</b>	<b>13,087,606</b>	<b>19,352,687</b>	<b>-32.4</b>

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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 145."

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

Continent and Country of Origin	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>255.72</b>	<b>273.96</b>	<b>184.72</b>	<b>250.55</b>	<b>166.07</b>	<b>50.9</b>
Aruba .....	-	-	-	116.98	-	-
Bahamas.....	-	-	-	-	102.01	-
British Virgin Islands .....	-	102.74	-	102.74	-	-
Canada .....	255.79	275.36	184.72	253.79	167.33	51.7
Mexico .....	65.89	-	-	109.99	-	-
<b>South America Total</b> .....	<b>83.45</b>	<b>84.27</b>	<b>64.43</b>	<b>82.91</b>	<b>63.68</b>	<b>30.2</b>
Argentina .....	504.70	-	351.32	504.70	335.44	50.5
Colombia .....	83.16	84.19	64.06	82.89	63.31	30.9
Peru .....	80.29	-	-	80.29	-	-
Venezuela .....	85.21	87.37	71.62	83.22	72.75	14.4
<b>Europe Total</b> .....	<b>123.45</b>	<b>131.61</b>	<b>83.09</b>	<b>140.19</b>	<b>126.62</b>	<b>10.7</b>
France .....	59.01	-	-	59.01	-	-
Germany, Federal Republic of .....	-	-	-	69.62	-	-
Italy .....	-	1,097.50	-	1,097.50	1,159.25	-5.3
Poland .....	-	-	-	163.37	-	-
Russia.....	-	89.38	-	89.38	-	-
Turkey.....	-	-	-	68.88	-	-
Ukraine .....	124.05	131.75	-	141.31	130.18	8.6
United Kingdom .....	-	-	83.09	-	85.04	-
<b>Asia Total</b> .....	<b>53.12</b>	<b>54.71</b>	<b>68.31</b>	<b>52.72</b>	<b>49.43</b>	<b>6.7</b>
China.....	203.72	373.87	277.14	267.33	223.42	19.7
India.....	-	58.59	65.88	58.63	61.44	-4.6
Indonesia.....	48.08	44.18	49.18	47.13	44.58	5.7
Japan .....	-	-	-	120.73	-	-
Korea, South .....	-	762.50	-	747.38	618.39	20.9
Syria.....	-	-	951.33	-	951.33	-
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>-</b>	<b>59.47</b>	<b>52.72</b>	<b>56.71</b>	<b>-7.0</b>
Australia.....	-	-	59.47	52.72	56.75	-7.1
New Zealand.....	-	-	-	-	22.56	-
<b>Africa Total</b> .....	<b>59.01</b>	<b>59.02</b>	<b>-</b>	<b>59.01</b>	<b>40.63</b>	<b>45.2</b>
Egypt.....	58.97	59.02	-	58.98	40.63	45.1
South Africa.....	64.55	-	-	64.55	-	-
<b>U.S. Total<sup>1</sup></b> .....	<b>110.19</b>	<b>112.06</b>	<b>76.18</b>	<b>103.32</b>	<b>71.77</b>	<b>44.0</b>

<sup>1</sup> U.S. Total is the average price of all coal imports.

- = No data are reported.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the customs import value, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments). Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. 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 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Eastern Total</b> .....	<b>719,215</b>	<b>656,556</b>	<b>1,410,060</b>	<b>3,446,012</b>	<b>6,418,851</b>	<b>-46.3</b>
Baltimore, MD.....	48,772	-	366,068	168,720	553,347	-69.5
Boston, MA.....	109,846	201,094	275,172	1,079,227	2,654,546	-59.3
Buffalo, NY.....	-	754	32,061	754	192,968	-99.6
New York, NY.....	49,078	37,001	211,212	286,555	773,497	-63.0
Norfolk, VA.....	314,660	354,051	276,870	1,231,923	1,152,461	6.9
Ogdensburg, NY.....	-	-	-	20	-	-
Philadelphia, PA.....	-	-	-	-	60,654	-
Portland, ME.....	130,986	46,019	125,808	389,846	341,875	14.0
Providence, RI.....	65,873	17,637	122,869	288,967	689,503	-58.1
<b>Southern Total</b> .....	<b>1,298,697</b>	<b>2,271,377</b>	<b>2,749,367</b>	<b>7,113,100</b>	<b>10,523,095</b>	<b>-32.4</b>
Charleston, SC.....	-	1	-	1	279,312	-100.0
Houston-Galveston, TX.....	5,233	659	1,044	6,417	2,782	130.7
Laredo, TX.....	412	-	-	412	-	-
Miami, FL.....	-	2	-	2	26	-92.3
Mobile, AL.....	389,489	1,003,954	1,236,512	3,027,082	5,002,456	-39.5
New Orleans, LA.....	1,847	48,293	6,963	85,303	75,357	13.2
San Juan, PR.....	352,283	466,175	397,154	1,672,630	1,554,627	7.6
Savannah, GA.....	-	4	-	15	18	-16.7
Tampa, FL.....	549,433	752,289	1,107,694	2,321,238	3,608,517	-35.7
<b>Western Total</b> .....	<b>260,404</b>	<b>129,986</b>	<b>370,020</b>	<b>927,359</b>	<b>1,429,708</b>	<b>-35.1</b>
Great Falls, MT.....	6,423	2,783	150,636	30,343	501,584	-94.0
Honolulu, HI.....	243,608	121,866	207,697	845,339	835,179	1.2
Los Angeles, CA.....	-	-	6	227	1,072	-78.8
Nogales, AZ.....	-	-	-	252	-	-
San Francisco, CA.....	-	-	-	187	244	-23.4
Seattle, WA.....	10,373	5,337	11,681	51,011	91,629	-44.3
<b>Northern Total</b> .....	<b>421,527</b>	<b>529,922</b>	<b>281,832</b>	<b>1,601,135</b>	<b>981,033</b>	<b>63.2</b>
Chicago, IL.....	40	66,159	-	66,568	308	NM
Cleveland, OH.....	-	-	-	17	6,764	-99.7
Detroit, MI.....	119,350	120,727	151,047	389,263	393,907	-1.2
Duluth, MN.....	13,309	26,609	-	120,449	-	-
Minneapolis, MN.....	33	-	-	66	-	-
Pembina, ND.....	288,795	316,427	130,785	1,024,772	580,054	76.7
<b>Total</b> .....	<b>2,699,843</b>	<b>3,587,841</b>	<b>4,811,279</b>	<b>13,087,606</b>	<b>19,352,687</b>	<b>-32.4</b>

- = No data are reported.

NM = Not meaningful due to changes of 500 percent or more.

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 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>173,986</b>	<b>92,333</b>	<b>890</b>	<b>308,833</b>	<b>79,246</b>	<b>289.7</b>
Canada .....	173,986	92,333	890	308,726	79,212	289.7
Mexico .....	-	-	-	107	34	214.7
<b>South America Total</b> .....	<b>14,967</b>	<b>89,044</b>	<b>39,711</b>	<b>186,639</b>	<b>211,072</b>	<b>-11.6</b>
Brazil .....	-	16,537	16,640	16,537	33,441	-50.5
Colombia .....	14,967	72,507	23,071	170,102	142,070	19.7
Venezuela .....	-	-	-	-	35,561	-
<b>Europe Total</b> .....	<b>117,206</b>	<b>135,817</b>	<b>315</b>	<b>637,774</b>	<b>344,262</b>	<b>85.3</b>
Germany, Federal Republic of .....	-	-	-	-	1	-
Italy .....	-	-	250	-	30,564	-
Poland .....	-	-	-	94,427	187,601	-49.7
Russia .....	-	-	-	86,942	78,489	10.8
Spain .....	-	-	65	-	86	-
Switzerland .....	-	39,043	-	39,043	-	-
Ukraine .....	-	48,493	-	191,400	47,521	302.8
United Kingdom .....	117,206	48,281	-	225,962	-	-
<b>Asia Total</b> .....	<b>585</b>	<b>94,817</b>	<b>-</b>	<b>245,525</b>	<b>473,685</b>	<b>-48.2</b>
China .....	563	569	-	104,069	190,891	-45.5
India .....	-	-	-	-	37,298	-
Indonesia .....	21	-	-	42	-	-
Japan .....	-	94,248	-	141,413	245,489	-42.4
Syria .....	1	-	-	1	4	-75.0
Thailand .....	-	-	-	-	3	-
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>39,044</b>	<b>-</b>	<b>39,044</b>	<b>-</b>	<b>-</b>
Australia .....	-	39,044	-	39,044	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>29,765</b>	<b>-</b>	<b>105,717</b>	<b>-</b>
Egypt .....	-	-	29,765	-	105,717	-
<b>Total</b> .....	<b>306,744</b>	<b>451,055</b>	<b>70,681</b>	<b>1,417,815</b>	<b>1,213,982</b>	<b>16.8</b>

- = No data are reported.

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 22. Average Price of U.S. Coke Imports**  
(Dollars per Short Ton)

Continent and Country of Destination	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North America Total</b> .....	<b>323.33</b>	<b>339.78</b>	<b>225.37</b>	<b>322.21</b>	<b>177.51</b>	<b>81.5</b>
Canada .....	323.33	339.78	225.37	322.24	177.46	81.6
Mexico .....	-	-	-	216.64	287.47	-24.6
<b>South America Total</b> .....	<b>292.58</b>	<b>395.82</b>	<b>323.78</b>	<b>358.26</b>	<b>298.45</b>	<b>20.0</b>
Brazil .....	-	494.41	358.35	494.41	287.70	71.8
Colombia .....	292.58	373.33	298.84	345.02	313.69	10.0
Venezuela .....	-	-	-	-	247.66	-
<b>Europe Total</b> .....	<b>386.79</b>	<b>485.09</b>	<b>553.22</b>	<b>404.55</b>	<b>250.32</b>	<b>61.6</b>
Germany, Federal Republic of .....	-	-	-	-	2,091.00	-
Italy .....	-	-	547.88	-	308.56	-
Poland .....	-	-	-	377.84	294.17	28.4
Russia .....	-	-	-	330.67	87.25	279.0
Spain .....	-	-	573.75	-	575.40	-
Switzerland .....	-	496.68	-	496.68	-	-
Ukraine .....	-	489.96	-	427.85	308.44	38.7
United Kingdom .....	386.79	470.84	-	408.48	-	-
<b>Asia Total</b> .....	<b>806.92</b>	<b>440.43</b>	<b>-</b>	<b>450.78</b>	<b>424.41</b>	<b>6.2</b>
China.....	810.05	804.23	-	493.05	438.96	12.3
India.....	-	-	-	-	379.10	-
Indonesia.....	504.52	-	-	523.79	-	-
Japan.....	-	438.24	-	419.62	419.92	*
Syria.....	5,400.00	-	-	5,400.00	3,594.25	50.2
Thailand.....	-	-	-	-	1,350.00	-
<b>Australia and Oceania Total</b> .....	<b>-</b>	<b>439.98</b>	<b>-</b>	<b>439.98</b>	<b>-</b>	<b>-</b>
Australia.....	-	439.98	-	439.98	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>408.23</b>	<b>-</b>	<b>363.22</b>	<b>-</b>
Egypt.....	-	-	408.23	-	363.22	-
<b>U.S. Total</b> .....	<b>347.00</b>	<b>424.43</b>	<b>359.12</b>	<b>389.50</b>	<b>331.70</b>	<b>17.4</b>

\* Absolute percentage less than 0.05.

- = No data are reported.

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 and Prices**

**Table 23. Coal Receipts at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	2,759	2,721	2,839	10,693	11,081	-3.5
South Atlantic .....	W	W	W	W	W	W
East South Central .....	1,066	1,415	535	4,075	2,075	96.4
<b>U.S. Total .....</b>	<b>5,608</b>	<b>5,881</b>	<b>5,406</b>	<b>22,073</b>	<b>21,081</b>	<b>4.7</b>

W = Data withheld to avoid disclosure.

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

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

**Table 24. Average Price of Coal Receipts at Coke Plants by Census Division**  
(Dollars per Short Ton)

Census Division	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	192.86	193.70	201.49	188.48	164.08	14.9
South Atlantic .....	W	W	W	W	W	W
East South Central .....	205.64	205.55	130.16	193.07	124.65	54.9
<b>U.S. Total .....</b>	<b>190.35</b>	<b>191.14</b>	<b>176.63</b>	<b>183.94</b>	<b>153.59</b>	<b>19.8</b>

W = Data withheld to avoid disclosure.

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

**Table 25. Average Open Market Sales Price of Coke and Breeze**  
(Thousand Short Tons and Dollars per Short Ton)

Commodity	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Coke</b>						
Sales.....	1,915	1,912	2,087	7,467	8,379	-10.9
Average Price .....	438.50	437.12	318.72	432.01	326.73	32.2
<b>Breeze</b>						
Sales.....	152	194	273	718	883	-18.7
Average Price .....	152.52	139.14	80.46	150.86	67.74	122.7

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

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

**Table 26. Coal Receipts at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>New England</b> .....	<b>20</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>101</b>	<b>W</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Middle Atlantic</b> .....	<b>705</b>	<b>685</b>	<b>795</b>	<b>2,948</b>	<b>3,023</b>	<b>-2.5</b>
New York .....	196	190	158	799	706	13.2
Pennsylvania .....	510	495	637	2,149	2,317	-7.3
<b>East North Central</b> .....	<b>2,572</b>	<b>2,615</b>	<b>3,423</b>	<b>11,001</b>	<b>12,889</b>	<b>-14.7</b>
Illinois .....	833	873	885	3,428	3,416	0.3
Indiana .....	644	646	1,338	3,328	5,133	-35.2
Michigan .....	343	356	399	1,204	1,210	-0.5
Ohio .....	345	365	389	1,549	1,613	-4.0
Wisconsin .....	408	374	412	1,493	1,516	-1.6
<b>West North Central</b> .....	<b>3,586</b>	<b>3,143</b>	<b>3,435</b>	<b>12,803</b>	<b>12,144</b>	<b>5.4</b>
Iowa .....	879	909	713	3,154	2,618	20.4
Kansas .....	W	26	24	W	W	W
Minnesota .....	385	279	418	1,275	1,233	3.4
Missouri .....	117	W	205	W	W	W
Nebraska .....	326	260	270	1,059	W	W
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>1,678</b>	<b>1,547</b>	<b>1,763</b>	<b>6,851</b>	<b>7,427</b>	<b>-7.8</b>
Florida .....	136	89	168	499	874	-42.8
Georgia .....	264	253	282	1,135	1,262	-10.1
Maryland .....	300	226	212	989	936	5.6
North Carolina .....	191	170	207	776	864	-10.2
South Carolina .....	222	219	223	934	973	-4.1
Virginia .....	338	335	412	1,541	1,571	-2.0
West Virginia .....	229	256	259	977	946	3.2
<b>East South Central</b> .....	<b>1,463</b>	<b>1,346</b>	<b>1,216</b>	<b>5,425</b>	<b>5,327</b>	<b>1.8</b>
Alabama .....	W	353	303	W	1,381	W
Kentucky .....	458	W	W	W	W	W
Mississippi .....	W	W	W	W	W	W
Tennessee .....	607	676	640	2,587	2,669	-3.1
<b>West South Central</b> .....	<b>2,041</b>	<b>2,410</b>	<b>1,715</b>	<b>9,010</b>	<b>7,188</b>	<b>25.3</b>
Arkansas .....	63	57	W	241	W	W
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	177	W	W	W
Texas .....	W	W	W	W	W	W
<b>Mountain</b> .....	<b>921</b>	<b>1,024</b>	<b>979</b>	<b>3,632</b>	<b>4,055</b>	<b>-10.4</b>
Arizona .....	145	128	151	531	547	-2.8
Colorado .....	W	W	W	W	W	W
Idaho .....	W	99	132	W	487	W
Montana .....	W	W	W	W	W	W
Nevada .....	64	W	51	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	119	269	101	609	723	-15.7
Wyoming .....	415	408	424	1,615	1,607	0.5
<b>Pacific</b> .....	<b>510</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>1,590</b>	<b>W</b>
Alaska .....	1	1	1	4	4	-
California .....	426	364	311	W	1,301	W
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>13,496</b>	<b>13,218</b>	<b>13,732</b>	<b>53,602</b>	<b>53,744</b>	<b>-0.3</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," Form EIA-7A, "Coal Production Report," and Form EIA-923, "Power Plant Operations Report."

**Table 27. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State**  
(Dollars per Short Ton)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>New England</b> .....	<b>164.39</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>162.98</b>	<b>W</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Middle Atlantic</b> .....	<b>90.61</b>	<b>92.05</b>	<b>82.06</b>	<b>88.98</b>	<b>79.49</b>	<b>11.9</b>
New York .....	110.63	111.21	116.09	109.37	109.18	0.2
Pennsylvania .....	82.29	84.08	73.08	80.81	69.79	15.8
<b>East North Central</b> .....	<b>79.50</b>	<b>82.74</b>	<b>71.24</b>	<b>80.13</b>	<b>70.26</b>	<b>14.1</b>
Illinois .....	51.71	52.32	49.03	51.04	50.05	2.0
Indiana .....	101.23	110.74	72.22	99.12	71.69	38.3
Michigan .....	92.28	97.11	96.04	96.52	95.50	1.1
Ohio .....	89.87	91.53	83.45	88.87	80.59	10.3
Wisconsin .....	82.37	83.13	80.09	82.30	79.79	3.1
<b>West North Central</b> .....	<b>33.38</b>	<b>39.15</b>	<b>32.70</b>	<b>36.94</b>	<b>31.09</b>	<b>18.8</b>
Iowa .....	49.79	50.19	51.44	50.92	49.76	2.3
Kansas .....	W	68.09	70.42	W	W	W
Minnesota .....	56.81	57.13	49.81	56.05	49.06	14.3
Missouri .....	49.75	W	63.68	W	W	W
Nebraska .....	34.02	36.07	34.71	33.87	W	W
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>102.90</b>	<b>98.05</b>	<b>90.49</b>	<b>99.56</b>	<b>90.30</b>	<b>10.3</b>
Florida .....	109.85	115.72	103.53	111.28	98.63	12.8
Georgia .....	115.31	113.01	98.18	110.26	92.63	19.0
Maryland .....	84.62	63.64	45.58	70.09	53.03	32.2
North Carolina .....	106.14	110.53	105.71	109.26	104.10	5.0
South Carolina .....	106.82	104.62	94.32	104.33	94.17	10.8
Virginia .....	102.15	95.70	93.29	99.80	92.95	7.4
West Virginia .....	102.45	95.47	89.36	97.34	94.95	2.5
<b>East South Central</b> .....	<b>93.27</b>	<b>96.35</b>	<b>91.69</b>	<b>95.23</b>	<b>88.70</b>	<b>7.4</b>
Alabama .....	W	83.35	92.47	W	88.77	W
Kentucky .....	89.31	W	W	W	W	W
Mississippi .....	W	W	W	W	W	W
Tennessee .....	99.42	99.45	91.52	98.46	89.35	10.2
<b>West South Central</b> .....	<b>23.26</b>	<b>19.01</b>	<b>26.17</b>	<b>21.60</b>	<b>27.88</b>	<b>-22.5</b>
Arkansas .....	90.78	99.43	W	94.85	W	W
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	54.88	W	W	W
Texas .....	W	W	W	W	W	W
<b>Mountain</b> .....	<b>46.19</b>	<b>47.21</b>	<b>44.58</b>	<b>46.20</b>	<b>45.13</b>	<b>2.4</b>
Arizona .....	57.42	50.22	57.78	54.78	54.91	-0.2
Colorado .....	W	W	W	W	W	W
Idaho .....	W	48.08	47.43	W	46.93	W
Montana .....	W	W	W	W	W	W
Nevada .....	43.82	W	82.01	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	61.07	60.30	47.89	58.03	49.50	17.2
Wyoming .....	35.87	37.72	33.32	35.17	32.86	7.0
<b>Pacific</b> .....	<b>86.35</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>80.56</b>	<b>W</b>
California .....	83.66	86.95	78.21	W	79.69	W
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>61.62</b>	<b>61.74</b>	<b>59.23</b>	<b>62.28</b>	<b>59.28</b>	<b>5.1</b>

W = Data withheld to avoid disclosure.

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: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 28. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
311 Food Manufacturing .....	2,570	2,338	2,495	9,373	8,805	6.5
312 Beverage and Tobacco Product Mfg .....	48	32	43	157	146	7.7
313 Textile Mills.....	30	27	46	156	185	-15.8
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	2,002	1,882	2,249	8,112	8,784	-7.7
324 Petroleum and Coal Products <sup>1</sup> .....	50	46	W	215	W	W
325 Chemical Mfg.....	2,037	2,074	2,044	8,276	8,054	2.8
327 Nonmetallic Mineral Products Mfg .....	2,366	2,159	2,082	8,743	8,804	-0.7
331 Primary Metal Manufacturing <sup>2</sup> .....	2,470	2,939	2,870	11,434	11,612	-1.5
332 Fabricated Metal Product Mfg .....	W	W	W	W	W	W
333 Machinery Manufacturing .....	W	W	9	W	133	W
334 Computer and Electronic Support Product .....	-	W	W	W	W	W
336 Transportation Equipment Mfg .....	36	21	41	120	120	-0.2
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>13,412</b>	<b>13,134</b>	<b>13,648</b>	<b>53,266</b>	<b>53,409</b>	<b>-0.3</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 29. 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 2011	July - September 2011	October - December 2010	Percent Change	
				October - December: 2011 versus 2010	2011 versus 2010
311 Food Manufacturing .....	53.16	53.27	51.89		2.4
312 Beverage and Tobacco Product Mfg .....	121.29	106.93	113.21		7.1
313 Textile Mills.....	129.39	122.27	106.35		21.7
315 Apparel Manufacturing .....	W	W	W		W
321 Wood Product Manufacturing .....	W	W	W		W
322 Paper Manufacturing.....	86.19	85.62	78.65		9.6
324 Petroleum and Coal Products <sup>1</sup> .....	105.22	99.72	W		W
325 Chemical Mfg.....	80.97	81.42	77.12		5.0
327 Nonmetallic Mineral Products Mfg .....	71.24	76.59	73.01		-2.4
331 Primary Metal Manufacturing <sup>2</sup> .....	49.68	41.78	48.17		3.1
332 Fabricated Metal Product Mfg .....	W	W	W		W
333 Machinery Manufacturing .....	W	W	72.65		W
334 Computer and Electronic Support Product Mfg .....	-	W	W		W
336 Transportation Equipment Mfg .....	117.85	106.42	108.94		8.2
337 Furniture and Related Product Mfg.....	W	W	W		W
339 Miscellaneous Manufacturing .....	W	W	W		W
<b>U.S. Total.....</b>	<b>61.62</b>	<b>61.74</b>	<b>59.23</b>		<b>4.0</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."



**Table 30. Coal Receipts at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Middle Atlantic</b> .....	<b>48</b>	<b>16</b>	<b>58</b>	<b>177</b>	<b>192</b>	<b>-7.7</b>
New York .....	-	-	W	W	W	W
Pennsylvania .....	48	16	W	W	W	W
<b>East North Central</b> .....	<b>208</b>	<b>207</b>	<b>292</b>	<b>920</b>	<b>1,060</b>	<b>-13.2</b>
Illinois .....	44	33	47	W	183	W
Indiana .....	68	83	92	303	342	-11.4
Michigan .....	W	W	W	W	W	W
Ohio .....	55	30	72	200	W	W
Wisconsin .....	W	W	W	W	W	W
<b>West North Central</b> .....	<b>101</b>	<b>106</b>	<b>148</b>	<b>497</b>	<b>561</b>	<b>-11.4</b>
Iowa .....	W	W	63	244	269	-9.2
Minnesota .....	W	W	W	W	W	W
Missouri .....	24	W	W	W	W	W
North Dakota .....	25	W	29	W	W	W
South Dakota .....	-	-	W	-	W	W
<b>South Atlantic</b> .....	<b>66</b>	<b>57</b>	<b>75</b>	<b>294</b>	<b>287</b>	<b>2.4</b>
District of Columbia .....	-	-	-	W	W	W
Georgia .....	W	-	-	W	W	W
Maryland .....	-	-	W	W	W	W
North Carolina .....	46	W	54	W	W	W
South Carolina .....	-	-	-	-	W	W
Virginia .....	W	W	W	104	79	31.7
<b>East South Central</b> .....	<b>34</b>	<b>20</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	W	W	49	W	W
Tennessee .....	W	W	24	W	W	W
<b>West South Central</b> .....	<b>W</b>	<b>-</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	-	W	W	W	W
<b>Mountain</b> .....	<b>W</b>	<b>7</b>	<b>73</b>	<b>W</b>	<b>W</b>	<b>W</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	-	W	-	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific</b> .....	<b>217</b>	<b>128</b>	<b>151</b>	<b>644</b>	<b>560</b>	<b>15.0</b>
Alaska .....	217	128	151	644	560	15.0
<b>U.S. Total</b> .....	<b>690</b>	<b>541</b>	<b>833</b>	<b>2,844</b>	<b>3,111</b>	<b>-8.6</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Plants and Commercial/Institutional Users."

**Table 31. Average Price of Coal Receipts at Commercial and Institutional Users by Census Division and State**  
(Dollars per Short Ton)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Middle Atlantic</b> .....	<b>152.44</b>	<b>139.84</b>	<b>116.48</b>	<b>132.79</b>	<b>115.08</b>	<b>15.4</b>
New York .....	-	-	W	W	W	W
Pennsylvania .....	152.44	139.84	W	W	W	W
<b>East North Central</b> .....	<b>100.33</b>	<b>102.62</b>	<b>93.46</b>	<b>99.39</b>	<b>94.22</b>	<b>5.5</b>
Illinois .....	64.43	56.57	63.61	W	64.39	W
Indiana .....	83.26	94.96	72.45	84.63	71.76	17.9
Michigan .....	W	W	W	W	W	W
Ohio .....	131.76	129.18	112.46	122.88	W	W
Wisconsin .....	W	W	W	W	W	W
<b>West North Central</b> .....	<b>81.49</b>	<b>87.70</b>	<b>73.68</b>	<b>79.68</b>	<b>75.74</b>	<b>5.2</b>
Iowa .....	W	W	101.81	102.79	99.33	3.5
Minnesota .....	W	W	W	W	W	W
Missouri .....	64.54	W	W	W	W	W
North Dakota .....	47.73	W	46.34	W	W	W
South Dakota .....	-	-	W	-	W	-
<b>South Atlantic</b> .....	<b>128.53</b>	<b>117.84</b>	<b>119.42</b>	<b>124.94</b>	<b>121.10</b>	<b>3.2</b>
District of Columbia .....	-	-	-	W	W	W
Georgia .....	W	-	-	W	W	W
Maryland .....	-	-	W	W	W	W
North Carolina .....	133.48	W	124.32	W	W	W
South Carolina .....	-	-	-	-	W	-
Virginia .....	W	W	W	118.23	105.40	12.2
<b>East South Central</b> .....	<b>113.84</b>	<b>115.54</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	W	W	108.72	W	W
Tennessee .....	W	W	115.41	W	W	W
<b>West South Central</b> .....	<b>W</b>	<b>-</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	-	W	W	W	W
<b>Mountain</b> .....	<b>W</b>	<b>98.50</b>	<b>85.97</b>	<b>W</b>	<b>W</b>	<b>W</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	-	W	-	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific</b> .....	<b>57.16</b>	<b>57.35</b>	<b>56.59</b>	<b>57.98</b>	<b>56.36</b>	<b>2.9</b>
Alaska .....	57.16	57.35	56.59	57.98	56.36	2.9
<b>U.S. Total</b> .....	<b>90.85</b>	<b>92.08</b>	<b>87.33</b>	<b>91.75</b>	<b>88.42</b>	<b>3.8</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Plants and Commercial/Institutional Users."

# Consumption

**Table 32. U.S. Coal Consumption by End-Use Sector, 2005-2011**  
(Thousand Short Tons)

Year and Quarter	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial			Commercial and Institutional			Total
			CHP <sup>2</sup>	Non-CHP <sup>3</sup>	Total	CHP <sup>4</sup>	Non-CHP <sup>5</sup>	Total	
<b>2005</b>									
<b>Total</b> .....	<b>1,037,485</b>	<b>23,434</b>	<b>25,875</b>	<b>34,465</b>	<b>60,340</b>	<b>1,922</b>	<b>2,798</b>	<b>4,719</b>	<b>1,125,978</b>
<b>2006</b>									
<b>Total</b> .....	<b>1,026,636</b>	<b>22,957</b>	<b>25,262</b>	<b>34,210</b>	<b>59,472</b>	<b>1,886</b>	<b>1,341</b>	<b>3,227</b>	<b>1,112,292</b>
<b>2007</b>									
<b>Total</b> .....	<b>1,045,141</b>	<b>22,715</b>	<b>22,537</b>	<b>34,078</b>	<b>56,615</b>	<b>1,927</b>	<b>1,599</b>	<b>3,526</b>	<b>1,127,998</b>
<b>2008</b>									
January - March .....	264,301	5,536	5,682	8,354	14,036	554	557	1,112	284,984
April - June .....	247,156	5,580	5,432	8,391	13,824	465	279	744	267,304
July - September .....	278,998	5,767	5,495	8,044	13,539	491	227	718	299,022
October - December .....	250,125	5,186	5,292	7,702	12,994	510	422	932	269,237
<b>Total</b> .....	<b>1,040,580</b>	<b>22,070</b>	<b>21,902</b>	<b>32,491</b>	<b>54,393</b>	<b>2,021</b>	<b>1,485</b>	<b>3,506</b>	<b>1,120,548</b>
<b>2009</b>									
January - March .....	236,842	4,398	5,090	6,985	12,075	557	512	1,068	254,383
April - June .....	216,502	3,402	4,637	5,905	10,542	380	284	664	231,110
July - September .....	244,445	3,450	4,963	6,144	11,107	407	212	620	259,621
October - December .....	235,838	4,076	5,075	6,515	11,590	454	404	858	252,363
<b>Total</b> .....	<b>933,627</b>	<b>15,326</b>	<b>19,766</b>	<b>25,549</b>	<b>45,314</b>	<b>1,798</b>	<b>1,412</b>	<b>3,210</b>	<b>997,478</b>
<b>2010</b>									
January - March .....	246,445	4,857	6,195	6,747	12,942	509	527	1,037	265,281
April - June .....	229,469	5,353	6,128	6,740	12,868	370	238	608	248,298
July - September .....	267,943	5,491	6,257	6,798	13,056	426	216	642	287,132
October - December .....	231,195	5,391	6,057	7,159	13,216	414	379	793	250,596
<b>Total</b> .....	<b>975,052</b>	<b>21,092</b>	<b>24,638</b>	<b>27,443</b>	<b>52,082</b>	<b>1,720</b>	<b>1,361</b>	<b>3,081</b>	<b>1,051,307</b>
<b>2011</b>									
January - March .....	234,847	5,188	6,451	7,080	13,532	500	516	1,016	254,583
April - June .....	223,540	5,392	5,949	6,168	12,117	375	262	638	241,686
July - September .....	261,534	5,407	6,491	5,705	12,195	380	143	523	279,660
October - December .....	208,637	5,447	5,842	6,610	12,453	378	222	600	227,136
<b>Total</b> .....	<b>928,558</b>	<b>21,434</b>	<b>24,733</b>	<b>25,564</b>	<b>50,297</b>	<b>1,633</b>	<b>1,143</b>	<b>2,777</b>	<b>1,003,065</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.

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

Sources: • U.S. Energy Information Administration (EIA) • Electric Power Sector and CHP: 2004-2007 - Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report;" 2008-Forward - Form EIA-923, "Power Plant Operations Report" • Coke Plants: All Years and Quarters - Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Other Industrial: All Years and Quarters - Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users;" 2004-2007 - Form EIA-6A, "Coal Distribution Report," Form EIA-7A, "Coal Production Report," Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report;" 2008-Forward - Form EIA-7A, "Coal Production Report," and Form 923, "Power Plant Operations Report" • Commercial and Institutional: 2004-2007 - Form EIA-6A, "Coal Distribution Report;" 2008-Forward - Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 33. Coal Carbonized at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	2,541	2,494	2,827	10,240	10,952	-6.5
South Atlantic .....	W	W	W	W	W	W
East South Central .....	1,113	1,111	533	3,944	2,068	90.8
<b>U.S. Total .....</b>	<b>5,447</b>	<b>5,407</b>	<b>5,391</b>	<b>21,434</b>	<b>21,092</b>	<b>1.6</b>

W = Data withheld to avoid disclosure.

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

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

**Table 34. Coal Consumption at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>New England</b> .....	<b>18</b>	<b>W</b>	<b>18</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>Middle Atlantic</b> .....	<b>665</b>	<b>737</b>	<b>776</b>	<b>2,949</b>	<b>3,102</b>	<b>-4.9</b>
New York .....	186	233	165	809	792	2.1
Pennsylvania .....	479	504	612	2,141	2,310	-7.3
<b>East North Central</b> .....	<b>2,508</b>	<b>2,533</b>	<b>3,286</b>	<b>10,917</b>	<b>12,807</b>	<b>-14.8</b>
Illinois .....	839	857	856	3,437	3,392	1.3
Indiana .....	648	676	1,279	3,300	5,060	-34.8
Michigan .....	305	273	336	1,141	1,139	0.2
Ohio .....	333	365	403	1,498	1,644	-8.9
Wisconsin .....	383	362	412	1,541	1,572	-1.9
<b>West North Central</b> .....	<b>3,477</b>	<b>3,071</b>	<b>3,503</b>	<b>13,169</b>	<b>13,050</b>	<b>0.9</b>
Iowa .....	839	906	894	3,542	3,348	5.8
Kansas .....	33	W	W	W	W	W
Minnesota .....	349	241	379	1,300	1,298	0.2
Missouri .....	121	W	198	W	W	W
Nebraska .....	290	248	227	1,039	W	W
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>1,604</b>	<b>1,676</b>	<b>1,776</b>	<b>6,716</b>	<b>7,380</b>	<b>-9.0</b>
Florida .....	101	124	157	489	846	-42.2
Georgia .....	292	282	302	1,160	1,246	-6.9
Maryland .....	283	290	209	969	945	2.5
North Carolina .....	179	182	218	764	883	-13.5
South Carolina .....	200	228	238	911	924	-1.4
Virginia .....	308	326	404	1,449	1,605	-9.7
West Virginia .....	239	243	246	973	930	4.6
<b>East South Central</b> .....	<b>1,420</b>	<b>1,278</b>	<b>1,281</b>	<b>5,278</b>	<b>5,340</b>	<b>-1.2</b>
Alabama .....	W	309	317	W	1,376	W
Kentucky .....	464	W	W	1,299	W	W
Mississippi .....	W	W	W	W	W	W
Tennessee .....	608	669	645	2,578	2,658	-3.0
<b>West South Central</b> .....	<b>1,354</b>	<b>1,483</b>	<b>1,169</b>	<b>5,891</b>	<b>4,706</b>	<b>25.2</b>
Arkansas .....	60	51	W	252	W	W
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	W	155	W	W	W
Texas .....	1,131	1,246	937	4,953	3,745	32.3
<b>Mountain</b> .....	<b>934</b>	<b>953</b>	<b>1,011</b>	<b>3,521</b>	<b>3,899</b>	<b>-9.7</b>
Arizona .....	132	W	126	W	536	W
Colorado .....	W	W	W	W	W	W
Idaho .....	143	58	169	382	416	-8.0
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	44	109	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	110	269	99	583	717	-18.7
Wyoming .....	432	404	420	1,675	1,580	6.0
<b>Pacific</b> .....	<b>473</b>	<b>W</b>	<b>395</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	1	1	1	4	4	-
California .....	399	398	321	1,536	1,419	8.2
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>12,453</b>	<b>12,195</b>	<b>13,216</b>	<b>50,297</b>	<b>52,082</b>	<b>-3.4</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users," Form EIA-7A, "Coal Production Report," and Form EIA-923, "Power Plant Operations Plant."

**Table 35. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
311 Food Manufacturing .....	2,541	2,188	2,624	9,633	9,335	3.2
312 Beverage and Tobacco Product Mfg .....	44	35	41	154	148	4.0
313 Textile Mills.....	30	29	48	152	183	-17.4
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	1,943	1,931	2,234	8,149	8,804	-7.4
324 Petroleum and Coal Products <sup>1</sup> .....	59	58	W	232	W	W
325 Chemical Mfg.....	1,973	2,022	2,012	8,172	8,163	0.1
327 Nonmetallic Mineral Products Mfg .....	2,222	2,244	2,112	8,456	8,836	-4.3
331 Primary Metal Manufacturing <sup>2</sup> .....	1,737	1,997	2,243	8,215	9,076	-9.5
332 Fabricated Metal Product Mfg .....	W	W	W	W	W	W
333 Machinery Manufacturing .....	W	W	26	W	125	W
334 Computer and Electronic Support Product	-	W	W	W	W	W
336 Transportation Equipment Mfg .....	31	19	36	122	118	3.3
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>12,369</b>	<b>12,112</b>	<b>13,132</b>	<b>49,962</b>	<b>51,747</b>	<b>-3.4</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 36. Coal Consumption at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Middle Atlantic</b> .....	<b>46</b>	<b>18</b>	<b>56</b>	<b>176</b>	<b>191</b>	<b>-7.7</b>
New York .....	-	-	W	W	W	W
Pennsylvania .....	46	18	W	W	W	W
<b>East North Central</b> .....	<b>165</b>	<b>202</b>	<b>239</b>	<b>907</b>	<b>1,029</b>	<b>-11.8</b>
Illinois .....	38	36	41	W	171	W
Indiana .....	59	83	87	301	341	-11.5
Michigan .....	W	W	W	W	W	W
Ohio .....	44	21	67	193	226	-14.7
Wisconsin .....	W	W	W	W	W	W
<b>West North Central</b> .....	<b>104</b>	<b>97</b>	<b>140</b>	<b>493</b>	<b>563</b>	<b>-12.4</b>
Iowa .....	W	W	61	W	259	W
Minnesota .....	2	W	W	W	W	W
Missouri .....	24	W	W	W	W	W
North Dakota .....	W	W	28	89	W	W
South Dakota .....	W	-	W	W	W	W
<b>South Atlantic</b> .....	<b>59</b>	<b>49</b>	<b>82</b>	<b>270</b>	<b>305</b>	<b>-11.7</b>
District of Columbia .....	W	W	W	W	W	W
Georgia .....	W	-	W	W	W	W
Maryland .....	-	-	W	W	W	W
North Carolina .....	35	35	51	163	192	-15.2
South Carolina .....	-	-	W	-	W	W
Virginia .....	W	W	25	90	W	W
<b>East South Central</b> .....	<b>31</b>	<b>17</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	W	W	W	W	W
Tennessee .....	W	W	24	70	W	W
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W	W	W
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	<b>75</b>	<b>182</b>	<b>W</b>	<b>W</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	W	-	W	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific</b> .....	<b>175</b>	<b>131</b>	<b>160</b>	<b>621</b>	<b>542</b>	<b>14.5</b>
Alaska .....	175	131	160	621	542	14.5
<b>U.S. Total</b> .....	<b>600</b>	<b>523</b>	<b>793</b>	<b>2,777</b>	<b>3,081</b>	<b>-9.9</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Plants and Commercial/Institutional Users."



## **Stocks**

**Table 37. U.S. Coal Stocks, 2005-2011**  
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers					Coal Producers and Distributors	Total
	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial <sup>2</sup>	Commercial and Institutional Users	Total		
<b>2005</b>							
March 31.....	105,226	1,849	4,501	-	111,577	38,698	150,275
June 30.....	115,524	2,440	5,040	-	123,005	38,422	161,427
September 30.....	98,192	2,461	5,538	-	106,191	34,965	141,156
December 31.....	101,137	2,615	5,582	-	109,333	34,971	144,304
<b>2006</b>							
March 31.....	112,141	2,754	5,118	-	120,013	35,113	155,126
June 30.....	135,734	2,839	5,655	-	144,228	35,307	179,535
September 30.....	126,872	2,772	6,138	-	135,782	33,170	168,952
December 31.....	140,964	2,928	6,506	-	150,398	36,548	186,946
<b>2007</b>							
March 31.....	141,389	2,444	5,756	-	149,588	34,007	183,595
June 30.....	154,812	2,364	5,672	-	162,849	32,484	195,333
September 30.....	142,666	1,972	5,811	-	150,448	30,090	180,538
December 31.....	151,221	1,936	5,624	-	158,781	33,977	192,758
<b>2008</b>							
March 31.....	146,497	1,462	4,818	448	153,225	34,876	188,101
June 30.....	152,542	1,756	4,983	478	159,760	32,086	191,846
September 30.....	143,903	1,971	5,208	514	151,596	31,354	182,950
December 31.....	161,589	2,331	6,007	498	170,424	34,688	205,112
<b>2009</b>							
March 31.....	174,223	2,119	5,352	475	182,169	41,257	223,426
June 30.....	195,656	1,760	5,096	482	202,994	44,018	247,012
September 30.....	197,208	1,585	5,104	524	204,422	41,690	246,112
December 31.....	189,467	1,957	5,109	529	197,062	47,718	244,780
<b>2010</b>							
March 31.....	177,742	1,583	6,326	471	186,122	50,936	237,058
June 30.....	181,490	1,978	6,423	505	190,395	51,497	241,892
September 30.....	163,776	1,889	6,430	517	172,611	49,913	222,524
December 31.....	174,917	1,925	6,350	552	183,744	49,820	233,564
<b>2011</b>							
March 31.....	166,737	1,959	5,528	503	174,727	44,336 <sup>E</sup>	219,063
June 30.....	165,707	1,956	5,903	494	174,059	45,398 <sup>E</sup>	219,457
September 30.....	144,438	2,405	5,856	506	153,204	43,763 <sup>E</sup>	196,967
December 31.....	175,100	2,610	6,023	588	184,320	41,917 <sup>E</sup>	226,237

<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.

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

<sup>E</sup> Estimated

- = No data are reported.

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, sub-bituminous coal, and lignite, and exclude waste coal.

Sources: • U.S. Energy Information Administration (EIA) • Electric Power Sector: 2004-2007 - Form EIA-906, "Power Plant Report" and Form EIA-920, "Combined Heat and Power Plant Report;" 2008-Forward - Form EIA-923, "Power Plant Operations Report" • Coke Plants: All Years and Quarters - Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Other Industrial and Commercial and Institutional Users: All Years and Quarters - Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users" • Producers and Distributors: 2004-2007 - "Short Term Energy Outlook" estimates and Form EIA-6A, "Coal Distribution Report;" 2008-Forward - "Short Term Energy Outlook" estimates, "Form EIA-7A, "Coal Production Report," and Form EIA-8A, "Coal Stocks Report."

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

Census Division	December 31, 2011	September 30, 2011	December 31, 2010	Percent Change December 31, 2011 versus 2010
Middle Atlantic .....	W	W	W	W
East North Central .....	1,417	1,191	1,115	27.1
South Atlantic .....	W	W	W	W
East South Central .....	471	509	190	148.3
<b>U.S. Total .....</b>	<b>2,610</b>	<b>2,405</b>	<b>1,925</b>	<b>35.5</b>

W = Data withheld to avoid disclosure.

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

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

**Table 39. Coal Stocks at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	December 31, 2011	September 30, 2011	December 31, 2010	Percent Change December 31, 2011 versus 2010
<b>New England</b> .....	<b>20</b>	<b>18</b>	<b>W</b>	<b>W</b>
Maine .....	W	W	W	W
Massachusetts .....	W	W	W	W
<b>Middle Atlantic</b> .....	<b>256</b>	<b>216</b>	<b>263</b>	<b>-2.9</b>
New York .....	102	93	108	-5.2
Pennsylvania .....	154	123	155	-1.2
<b>East North Central</b> .....	<b>861</b>	<b>854</b>	<b>1,152</b>	<b>-25.2</b>
Illinois .....	166	173	175	-4.8
Indiana .....	257	269	454	-43.5
Michigan .....	203	189	252	-19.2
Ohio .....	92	103	68	35.4
Wisconsin .....	143	120	204	-29.7
<b>West North Central</b> .....	<b>975</b>	<b>869</b>	<b>1,069</b>	<b>-8.8</b>
Iowa .....	349	347	479	-27.3
Kansas .....	W	W	W	W
Minnesota .....	247	173	235	5.4
Missouri .....	62	66	80	-22.3
Nebraska .....	97	61	77	25.8
North Dakota .....	163	176	W	W
South Dakota .....	W	W	W	W
<b>South Atlantic</b> .....	<b>708</b>	<b>696</b>	<b>667</b>	<b>6.2</b>
Florida .....	91	114	138	-34.4
Georgia .....	133	147	135	-1.2
Maryland .....	62	46	30	104.9
North Carolina .....	42	38	35	22.9
South Carolina .....	167	135	139	20.0
Virginia .....	161	145	125	28.9
West Virginia .....	52	70	65	-20.0
<b>East South Central</b> .....	<b>432</b>	<b>388</b>	<b>276</b>	<b>56.8</b>
Alabama .....	255	200	113	125.6
Kentucky .....	W	W	W	W
Mississippi .....	W	W	W	W
Tennessee .....	115	116	108	6.1
<b>West South Central</b> .....	<b>1,912</b>	<b>1,979</b>	<b>2,197</b>	<b>-13.0</b>
Arkansas .....	43	W	54	-21.1
Louisiana .....	W	66	W	W
Oklahoma .....	W	W	W	W
Texas .....	W	W	W	W
<b>Mountain</b> .....	<b>609</b>	<b>628</b>	<b>497</b>	<b>22.6</b>
Arizona .....	98	85	69	41.5
Colorado .....	W	W	W	W
Idaho .....	253	298	248	2.1
Montana .....	W	W	W	W
Nevada .....	W	W	W	W
New Mexico .....	W	W	W	W
Utah .....	52	44	24	112.6
Wyoming .....	53	71	111	-51.8
<b>Pacific</b> .....	<b>248</b>	<b>209</b>	<b>W</b>	<b>W</b>
California .....	152	128	128	18.7
Hawaii .....	W	W	W	W
Oregon .....	W	W	W	W
Washington .....	W	W	W	W
<b>U.S. Total</b> .....	<b>6,023</b>	<b>5,856</b>	<b>6,350</b>	<b>-5.1</b>

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 40. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	December 31, 2011	September 30, 2011	December 31, 2010	Percent Change December 31, 2011 versus 2010
311 Food Manufacturing .....	955	964	974	-1.9
312 Beverage and Tobacco Product Mfg .....	25	20	20	24.8
313 Textile Mills.....	22	22	17	24.3
315 Apparel Manufacturing .....	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W
322 Paper Manufacturing.....	761	698	816	-6.7
324 Petroleum and Coal Products <sup>1</sup> .....	73	83	W	W
325 Chemical Mfg.....	634	614	622	2.0
327 Nonmetallic Mineral Products Mfg.....	1,230	1,181	1,123	9.5
331 Primary Metal Manufacturing <sup>2</sup> .....	2,070	2,036	2,528	-18.1
332 Fabricated Metal Product Mfg.....	W	W	W	W
333 Machinery Manufacturing .....	W	W	41	W
334 Computer and Electronic Support Product Mfg .....	-	W	W	-
336 Transportation Equipment Mfg .....	31	26	33	-8.0
337 Furniture and Related Product Mfg.....	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W
<b>U.S. Total.....</b>	<b>6,023</b>	<b>5,856</b>	<b>6,350</b>	<b>-5.1</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users."

**Table 41. Coke and Breeze Stocks at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	December 31, 2011	September 30, 2011	December 31, 2010	Percent Change December 31, 2011 versus 2010
Middle Atlantic .....	W	W	W	W
East North Central .....	567	555	545	4.0
South Atlantic .....	W	W	W	W
East South Central .....	114	103	93	22.1
<b>U.S. Total.....</b>	<b>803</b>	<b>772</b>	<b>785</b>	<b>2.2</b>
<b>Coke Total.....</b>	<b>741</b>	<b>704</b>	<b>702</b>	<b>5.5</b>
<b>Breeze Total.....</b>	<b>62</b>	<b>68</b>	<b>83</b>	<b>-25.1</b>

W = Data withheld to avoid disclosure.

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

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

**Table 42. Coal Stocks at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	December 31, 2011	September 30, 2011	December 31, 2010	Percent Change December 31, 2011 versus 2010
<b>Middle Atlantic</b> .....	<b>46</b>	<b>44</b>	<b>45</b>	<b>1.8</b>
New York .....	-	-	W	W
Pennsylvania .....	46	44	W	W
<b>East North Central</b> .....	<b>229</b>	<b>190</b>	<b>225</b>	<b>2.2</b>
Illinois .....	42	38	41	1.0
Indiana .....	W	W	W	W
Michigan .....	W	W	W	W
Ohio .....	36	25	31	18.2
Wisconsin .....	5	5	9	-49.7
<b>West North Central</b> .....	<b>97</b>	<b>100</b>	<b>95</b>	<b>2.1</b>
Iowa .....	W	W	W	W
Minnesota .....	W	W	W	W
Missouri .....	4	3	6	-45.5
North Dakota .....	10	W	W	W
South Dakota .....	W	W	W	W
<b>South Atlantic</b> .....	<b>76</b>	<b>74</b>	<b>71</b>	<b>7.6</b>
District of Columbia .....	W	W	W	W
Georgia .....	W	W	W	W
Maryland .....	-	-	W	W
North Carolina .....	37	27	W	W
South Carolina .....	W	W	W	W
Virginia .....	35	41	25	37.9
<b>East South Central</b> .....	<b>25</b>	<b>22</b>	<b>22</b>	<b>10.2</b>
Kentucky .....	19	15	15	27.2
Tennessee .....	6	7	8	-21.7
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	<b>6</b>	<b>W</b>
Colorado .....	W	W	W	W
Idaho .....	W	W	W	W
Montana .....	W	W	W	W
Wyoming .....	W	W	W	W
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W
<b>U.S. Total</b> .....	<b>588</b>	<b>506</b>	<b>552</b>	<b>6.4</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Plants and Commercial/Institutional Users.

## **Quality**

**Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State**

Census Division and State <sup>1</sup>	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>New England</b>						
Btu .....	13,035	13,437	13,329	13,239	13,021	1.7
Sulfur .....	0.68	0.70	0.72	0.69	0.66	5.4
Ash .....	6.33	6.02	6.87	6.26	7.13	-12.2
Maine						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Massachusetts						
Btu .....	13,167	13,715	13,760	13,482	13,158	2.5
Sulfur .....	0.64	0.67	0.67	0.65	0.63	3.1
Ash .....	6.16	5.74	6.24	5.80	6.87	-15.5
<b>Middle Atlantic</b>						
Btu .....	12,589	12,627	12,468	12,567	12,487	0.6
Sulfur .....	1.23	1.21	1.18	1.18	1.11	6.1
Ash .....	9.18	9.26	8.75	8.96	8.72	2.7
New York						
Btu .....	12,849	12,713	12,974	12,851	12,939	-0.7
Sulfur .....	1.50	1.55	1.75	1.52	1.54	-1.2
Ash .....	8.24	9.10	8.39	8.63	8.66	-0.2
Pennsylvania						
Btu .....	12,552	12,616	12,417	12,528	12,432	0.8
Sulfur .....	1.19	1.16	1.13	1.13	1.06	6.9
Ash .....	9.32	9.28	8.79	9.00	8.73	3.1
<b>East North Central</b>						
Btu .....	12,435	12,384	12,304	12,397	12,308	0.7
Sulfur .....	1.19	1.21	1.36	1.26	1.36	-7.7
Ash .....	7.23	7.35	7.54	7.37	7.58	-2.8
Illinois						
Btu .....	11,254	11,322	11,170	11,263	11,190	0.7
Sulfur .....	1.69	1.68	1.68	1.70	1.69	0.2
Ash .....	7.23	7.29	7.24	7.21	7.36	-2.0
Indiana						
Btu .....	13,120	13,070	12,604	12,988	12,631	2.8
Sulfur .....	0.99	0.99	1.43	1.13	1.37	-17.7
Ash .....	7.03	6.84	7.93	7.41	7.96	-6.9
Michigan						
Btu .....	12,601	12,597	12,685	12,685	12,770	-0.7
Sulfur .....	0.76	0.74	0.77	0.75	0.81	-7.2
Ash .....	7.51	8.24	7.59	7.66	7.19	6.5
Ohio						
Btu .....	12,974	12,937	12,973	12,933	12,924	*
Sulfur .....	1.16	1.23	1.30	1.24	1.33	-6.2
Ash .....	7.23	7.44	7.03	7.24	7.17	0.9
Wisconsin						
Btu .....	11,208	11,043	11,153	11,070	11,113	-0.4
Sulfur .....	1.48	1.34	1.27	1.41	1.29	9.3
Ash .....	7.52	7.69	7.34	7.54	7.47	0.9
<b>West North Central</b>						
Btu .....	8,503	8,459	8,479	8,460	8,402	0.7
Sulfur .....	0.95	0.94	0.91	0.98	0.93	5.5
Ash .....	6.40	6.40	6.39	6.39	6.32	1.1
Iowa						
Btu .....	9,907	9,678	9,687	9,782	9,679	1.1
Sulfur .....	1.44	1.19	1.31	1.46	1.30	12.4
Ash .....	6.50	6.16	6.67	6.48	6.28	3.1
Kansas						
Btu .....	12,173	12,474	12,230	11,970	12,005	-0.3
Sulfur .....	1.76	1.91	1.99	2.00	1.83	9.3
Ash .....	10.66	11.04	11.71	11.97	12.67	-5.5
Minnesota						
Btu .....	9,550	9,490	9,447	9,560	9,501	0.6
Sulfur .....	0.36	0.36	0.33	0.37	0.34	9.2
Ash .....	5.12	5.61	5.44	5.27	5.24	0.5
Missouri						
Btu .....	11,362	11,121	11,286	11,217	11,334	-1.0
Sulfur .....	1.78	2.02	2.17	2.05	2.25	-9.0
Ash .....	10.07	11.12	8.62	9.64	8.26	16.6
Nebraska						
Btu .....	9,120	9,314	9,294	9,146	9,149	*
Sulfur .....	0.25	0.25	0.26	0.25	0.28	-10.5
Ash .....	5.49	5.21	5.49	5.25	5.21	0.6
North Dakota						
Btu .....	7,235	7,101	7,264	7,197	7,209	-0.2
Sulfur .....	0.91	0.92	0.84	0.89	0.81	9.0
Ash .....	6.48	6.45	6.34	6.41	6.39	0.3

See footnotes at end of table.



**Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>South Dakota</b>						
Btu .....	8,299	8,289	8,250	8,273	8,261	0.1
Sulfur .....	0.64	0.59	0.39	0.54	0.40	35.9
Ash .....	6.52	5.65	4.90	5.74	4.97	15.3
<b>South Atlantic</b>						
Btu .....	12,525	12,442	12,821	12,590	12,832	-1.9
Sulfur .....	1.19	1.19	1.16	1.19	1.11	6.8
Ash .....	10.14	10.37	9.52	9.97	9.42	5.9
<b>Florida</b>						
Btu .....	12,730	12,947	12,792	12,855	12,829	0.2
Sulfur .....	1.10	0.91	0.84	0.98	0.86	14.2
Ash .....	10.01	9.42	9.63	9.32	9.69	-3.8
<b>Georgia</b>						
Btu .....	12,723	12,591	12,812	12,628	12,740	-0.9
Sulfur .....	1.03	1.07	1.15	1.08	1.12	-3.5
Ash .....	8.95	10.11	9.25	9.53	9.86	-3.3
<b>Maryland</b>						
Btu .....	11,681	10,863	11,468	11,469	11,906	-3.7
Sulfur .....	1.71	1.97	1.83	1.88	1.76	7.0
Ash .....	18.56	23.21	20.30	19.89	18.09	9.9
<b>North Carolina</b>						
Btu .....	12,857	13,001	13,077	12,940	13,077	-1.1
Sulfur .....	1.06	0.99	0.93	0.99	0.93	6.4
Ash .....	8.12	7.18	7.31	7.52	7.47	0.7
<b>South Carolina</b>						
Btu .....	12,733	12,721	12,769	12,728	12,911	-1.4
Sulfur .....	1.16	1.23	1.31	1.24	1.16	7.2
Ash .....	8.70	8.19	8.27	8.49	8.11	4.6
<b>Virginia</b>						
Btu .....	12,257	11,979	13,219	12,589	13,092	-3.8
Sulfur .....	1.13	1.21	1.07	1.15	1.05	9.3
Ash .....	8.55	8.75	8.33	8.74	8.40	4.1
<b>West Virginia</b>						
Btu .....	12,769	12,828	12,786	12,800	12,829	-0.2
Sulfur .....	1.10	1.06	1.14	1.08	1.08	0.3
Ash .....	8.66	8.73	8.61	8.62	8.19	5.3
<b>East South Central</b>						
Btu .....	12,901	12,909	12,971	12,889	12,938	-0.4
Sulfur .....	0.97	0.95	1.10	1.00	1.09	-8.3
Ash .....	7.38	7.35	7.75	7.42	7.76	-4.4
<b>Alabama</b>						
Btu .....	12,368	12,091	12,931	12,341	12,838	-3.9
Sulfur .....	0.93	0.86	0.99	0.94	1.00	-5.7
Ash .....	6.93	7.10	7.99	7.39	8.38	-11.8
<b>Kentucky</b>						
Btu .....	13,004	13,308	12,998	13,062	12,990	0.6
Sulfur .....	1.02	0.99	0.93	1.00	0.93	8.2
Ash .....	7.06	6.41	7.07	6.51	6.97	-6.6
<b>Mississippi</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Tennessee</b>						
Btu .....	13,203	13,241	13,064	13,190	13,072	0.9
Sulfur .....	0.96	0.96	1.28	1.00	1.24	-19.2
Ash .....	7.75	7.61	7.85	7.71	7.65	0.7
<b>West South Central</b>						
Btu .....	7,095	7,178	7,393	7,168	7,300	-1.8
Sulfur .....	1.01	1.09	1.08	1.07	1.06	1.5
Ash .....	17.61	17.74	17.83	16.42	17.66	-7.0
<b>Arkansas</b>						
Btu .....	11,770	11,910	12,578	11,956	12,689	-5.8
Sulfur .....	1.06	0.89	1.15	0.92	1.06	-12.9
Ash .....	10.27	10.00	8.99	10.25	10.34	-0.9
<b>Louisiana</b>						
Btu .....	11,441	11,522	12,578	9,790	11,768	-16.8
Sulfur .....	1.18	1.20	1.25	1.12	1.28	-12.2
Ash .....	6.66	6.35	8.80	8.34	7.31	14.1
<b>Oklahoma</b>						
Btu .....	9,385	9,296	9,573	9,392	9,496	-1.1
Sulfur .....	0.38	0.30	0.44	0.38	0.42	-8.8
Ash .....	5.24	4.93	5.75	5.10	5.27	-3.1
<b>Texas</b>						
Btu .....	6,736	6,880	6,892	6,851	6,802	0.7
Sulfur .....	1.06	1.15	1.15	1.13	1.12	0.7
Ash .....	18.90	18.92	19.69	17.47	19.31	-9.5

See footnotes at end of table.

**Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Mountain</b>						
Btu .....	9,653	9,816	9,998	9,850	10,332	-4.7
Sulfur .....	0.66	0.63	0.66	0.66	0.66	-0.6
Ash .....	7.13	7.70	8.43	7.47	8.54	-12.6
Arizona						
Btu .....	9,637	9,292	10,032	9,547	10,057	-5.1
Sulfur .....	0.72	0.84	0.81	0.79	0.86	-8.0
Ash .....	12.65	13.50	14.92	13.12	15.01	-12.6
Colorado						
Btu .....	12,294	10,580	10,442	10,950	10,945	*
Sulfur .....	0.49	0.41	0.48	0.44	0.49	-10.6
Ash .....	9.09	7.70	11.92	8.39	10.44	-19.6
Idaho						
Btu .....	10,031	10,137	9,766	10,155	10,018	1.4
Sulfur .....	0.86	0.77	0.82	0.78	0.77	1.2
Ash .....	5.13	4.98	7.33	5.86	8.05	-27.2
Montana						
Btu .....	7,197	8,698	6,773	7,504	7,440	0.9
Sulfur .....	0.57	0.89	0.40	0.61	0.56	8.7
Ash .....	7.57	11.76	7.62	8.94	8.55	4.6
Nevada						
Btu .....	5,777	3,791	10,784	5,992	10,929	-45.2
Sulfur .....	0.23	0.13	0.40	0.21	0.44	-53.0
Ash .....	5.14	3.57	8.50	5.06	8.73	-42.0
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 .....	11,527	11,399	11,469	11,515	11,530	-0.1
Sulfur .....	0.54	0.47	0.47	0.51	0.47	10.1
Ash .....	9.38	9.38	8.81	9.25	9.33	-0.8
Wyoming						
Btu .....	9,721	9,532	9,784	9,712	9,834	-1.2
Sulfur .....	0.71	0.71	0.70	0.72	0.71	0.2
Ash .....	5.15	5.79	5.80	5.41	5.64	-4.0
<b>Pacific</b>						
Btu .....	11,467	11,453	11,508	11,462	11,564	-0.9
Sulfur .....	0.54	0.50	0.55	0.50	0.53	-5.6
Ash .....	10.30	10.30	11.35	10.02	10.15	-1.3
California						
Btu .....	11,591	11,522	11,573	11,580	11,712	-1.1
Sulfur .....	0.55	0.50	0.57	0.50	0.54	-6.7
Ash .....	10.78	10.58	11.89	10.41	10.45	-0.3
Hawaii						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Oregon						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Washington						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>U.S. Total</b>						
Btu .....	11,048	11,024	11,183	11,060	11,217	-1.4
Sulfur .....	1.06	1.06	1.13	1.09	1.12	-2.4
Ash .....	8.81	9.10	8.79	8.83	8.84	-0.1

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

\* Absolute percentage less than 0.05.

W = Data withheld to avoid disclosure.

Note: • Btu data for coke plants are calculated using the following reported data: Low Volatile equals 13,340 Btu per pound, medium volatile equals 13,753 Btu per pound, and high volatile equals 12,826 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: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users" and Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 44. Average Quality of Coal Received at Commercial and Institutional Users by Census Division and State**

Census Division and State <sup>1</sup>	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>Middle Atlantic</b>						
Btu .....	12,727	12,810	12,780	12,732	12,841	-0.9
Sulfur .....	0.98	1.05	1.13	0.98	1.02	-3.8
Ash .....	8.67	8.46	8.70	8.69	8.55	1.7
New York						
Btu .....	-	-	W	W	W	W
Sulfur .....	-	-	W	W	W	W
Ash .....	-	-	W	W	W	W
Pennsylvania						
Btu .....	12,727	12,810	W	W	W	W
Sulfur .....	0.98	1.05	W	W	W	W
Ash .....	8.67	8.46	W	W	W	W
<b>East North Central</b>						
Btu .....	12,225	12,218	12,356	12,207	12,330	-1.0
Sulfur .....	1.85	1.85	1.84	1.80	1.77	1.9
Ash .....	8.69	9.22	8.59	8.83	8.54	3.4
Illinois						
Btu .....	11,156	11,268	11,081	W	11,144	W
Sulfur .....	3.27	3.25	3.25	W	3.16	W
Ash .....	9.88	10.33	9.64	W	9.66	W
Indiana						
Btu .....	11,487	11,682	11,559	11,491	11,559	-0.6
Sulfur .....	1.90	1.92	2.27	1.90	2.04	-6.8
Ash .....	8.58	9.19	8.87	8.81	9.06	-2.8
Michigan						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Ohio						
Btu .....	13,373	13,379	13,312	13,337	W	W
Sulfur .....	1.26	1.26	1.17	1.20	W	W
Ash .....	7.12	6.73	6.87	6.93	W	W
Wisconsin						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>West North Central</b>						
Btu .....	10,681	11,127	10,732	10,749	10,933	-1.7
Sulfur .....	2.01	2.15	1.85	1.96	1.99	-1.7
Ash .....	8.75	8.57	7.77	8.18	7.99	2.4
Iowa						
Btu .....	W	W	11,673	11,545	11,552	*
Sulfur .....	W	W	2.22	2.32	2.22	4.7
Ash .....	W	W	7.97	8.30	8.22	1.0
Minnesota						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Missouri						
Btu .....	11,369	W	W	W	W	W
Sulfur .....	2.71	W	W	W	W	W
Ash .....	8.76	W	W	W	W	W
North Dakota						
Btu .....	8,553	W	8,841	W	W	W
Sulfur .....	0.65	W	0.61	W	W	W
Ash .....	9.56	W	8.42	W	W	W
South Dakota						
Btu .....	-	-	W	-	W	W
Sulfur .....	-	-	W	-	W	W
Ash .....	-	-	W	-	W	W
<b>South Atlantic</b>						
Btu .....	13,344	13,243	13,318	13,320	13,272	0.4
Sulfur .....	1.33	1.38	1.18	1.24	1.11	11.6
Ash .....	8.52	8.78	8.36	8.37	8.22	1.9
District of Columbia						
Btu .....	-	-	-	W	W	W
Sulfur .....	-	-	-	W	W	W
Ash .....	-	-	-	W	W	W
Georgia						
Btu .....	W	-	-	W	W	W
Sulfur .....	W	-	-	W	W	W
Ash .....	W	-	-	W	W	W
Maryland						
Btu .....	-	-	W	W	W	W
Sulfur .....	-	-	W	W	W	W
Ash .....	-	-	W	W	W	W

See footnotes at end of table.

**Table 44. Average Quality of Coal Received at Commercial and Institutional Users by Census Division and State (Continued)**

Census Division and State	October - December 2011	July - September 2011	October - December 2010	Year to Date		
				2011	2010	Percent Change
<b>North Carolina</b>						
Btu .....	13,368	W	13,350	W	W	W
Sulfur .....	1.38	W	1.20	W	W	W
Ash .....	8.60	W	8.42	W	W	W
<b>South Carolina</b>						
Btu .....	-	-	-	-	W	W
Sulfur .....	-	-	-	-	W	W
Ash .....	-	-	-	-	W	W
<b>Virginia</b>						
Btu .....	W	W	W	13,231	13,371	-1.1
Sulfur .....	W	W	W	1.17	1.16	1.0
Ash .....	W	W	W	8.69	8.52	2.0
<b>East South Central</b>						
Btu .....	13,153	13,038	W	W	W	W
Sulfur .....	0.92	0.92	W	W	W	W
Ash .....	7.12	6.92	W	W	W	W
<b>Kentucky</b>						
Btu .....	W	W	W	13,665	W	W
Sulfur .....	W	W	W	0.76	W	W
Ash .....	W	W	W	5.91	W	W
<b>Tennessee</b>						
Btu .....	W	W	12,823	W	W	W
Sulfur .....	W	W	1.03	W	W	W
Ash .....	W	W	7.64	W	W	W
<b>West South Central</b>						
Btu .....	W	-	W	W	W	W
Sulfur .....	W	-	W	W	W	W
Ash .....	W	-	W	W	W	W
<b>Texas</b>						
Btu .....	W	-	W	W	W	W
Sulfur .....	W	-	W	W	W	W
Ash .....	W	-	W	W	W	W
<b>Mountain</b>						
Btu .....	W	10,824	11,206	W	W	W
Sulfur .....	W	0.42	0.46	W	W	W
Ash .....	W	11.56	10.08	W	W	W
<b>Colorado</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Idaho</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Montana</b>						
Btu .....	-	W	-	W	W	W
Sulfur .....	-	W	-	W	W	W
Ash .....	-	W	-	W	W	W
<b>Wyoming</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Pacific</b>						
Btu .....	7,541	7,508	7,609	7,604	7,666	-0.8
Sulfur .....	0.19	0.18	0.20	0.18	0.20	-6.7
Ash .....	9.40	9.51	8.10	9.13	8.20	11.3
<b>Alaska</b>						
Btu .....	7,541	7,508	7,609	7,604	7,666	-0.8
Sulfur .....	0.19	0.18	0.20	0.18	0.20	-6.7
Ash .....	9.40	9.51	8.10	9.13	8.20	11.3
<b>U.S. Total</b>						
Btu .....	10,679	11,023	11,257	11,038	11,305	-2.4
Sulfur .....	1.16	1.39	1.28	1.23	1.25	-2.1
Ash .....	8.88	9.04	8.41	8.69	8.40	3.4

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

\* Absolute percentage less than 0.05.

- = No data are reported.

W = Data withheld to avoid disclosure.

Source: • U.S. Energy Information Administration (EIA), Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Plants and Commercial/Institutional Users."