Release Date: June 2012 Next Release Date: September 2012

## Quarterly Coal Report January - March 2012

June 2012

### **U.S. Energy Information Administration**

Office of Oil, Gas, and Coal Supply Statistics U.S. Department of Energy Washington, DC 20585

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This report is available on the Web at: <a href="http://www.eia.gov/coal/production/quarterly/">http://www.eia.gov/coal/production/quarterly/</a>

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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. In addition to the first quarter 2012 data presented, this report provides aggregated historical data from 2006 through 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. All data for 2012 are preliminary.

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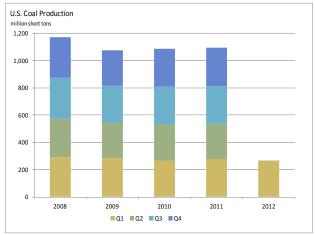
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# **Executive Summary**

1

#### **Production**

U.S. coal production during first quarter 2012 totaled 266.4 million short tons. This was 5.7 percent lower than the previous quarter and 2.6 percent lower than the first quarter 2011. Although the national production level remained within the five-year (2007-2011) first quarter range, production levels declined both quarter-over-quarter and from first quarter 2011 in 10 (out of 25) states.



**Source**: Form EIA-7A, "Coal Production and Preparation Report," Form 7000-2, "Quarterly Mine Employment and Coal Production Report," Mine Safety and Health Administration, U.S. Department of Labor.

Production in the Western Region, which represented more than 53.0 percent of total U.S. production, dropped to 141.5 million short tons. The most significant decreases were in Wyoming, where production decreased 10.7 percent from fourth quarter 2011 and 3.0 percent from first quarter 2011.

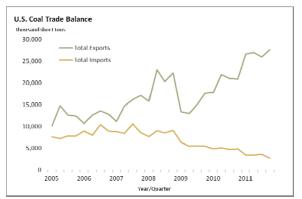
First quarter 2012 production in the Appalachian Region totaled 80.4 million short tons, declining 1.7 percent and 7.4 percent from the fourth quarter 2011 and first quarter 2011, respectively. While export demand for Appalachian coal remained high, the slump in domestic demand, caused primarily by the mild winter weather, low natural gas prices, and uncertainty due to pending environmental regulations, forced many coal producers in the region to reduce production.

Production in the Interior Region rose to 44.3 million short tons in first quarter 2012. It increased 4.0 percent from fourth quarter 2011 and 7.1 percent from first quarter 2011. Interior Region producers were relatively unaffected by low natural gas prices because their low cost structures allowed them to better compete with natural gas.

#### **Exports and Imports**

U.S. coal imports continued to drop during first quarter 2012. Imports decreased 25.1 percent from fourth quarter 2011 and 40.2 percent from first quarter 2011 to 2.0 million short tons. Colombian coal imports, which accounted for 78.8 percent of total U.S. imports during the quarter, decreased 10.8 percent quarter-over-quarter and 42.1 percent from first quarter 2011. Data collected from Boston (MA), Norfolk (VA), and Providence (RI) customs districts suggest significant decreases in demand for imports along the Atlantic Coast.

Total coal exports surpassed the five-year (2007-2011) first quarter average, increasing 3.5 percent from fourth quarter 2011 and 7.6 percent from first quarter 2011 to 28.6 million short tons. While European markets have traditionally received a significant portion of U.S. coal exports, the share of coal exported to Asian markets has grown since 2009.



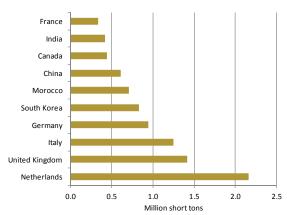
**Source:** U.S. Energy Information Administration, based on U.S. Bureau of the Census.

Exports to Asian markets accounted for approximately one-fourth of all coal exports in first quarter 2012, as compared to approximately one-third of all coal exports in first quarter 2011, a decrease of 8.2 percentage points. Exports to South Korea (1.8 million short tons) and Japan (1.4 million short tons) dropped significantly quarter-over-quarter and from first quarter 2011. However, coal exports to India (1.5 million short tons) increased 33.2 percent from fourth quarter 2011 and 20.2 percent from first quarter 2011. First quarter 2012 exports to China increased 27.5 percent from fourth quarter 2011 to 2.0 million short tons, which is consistent with the first quarter 2011 level.

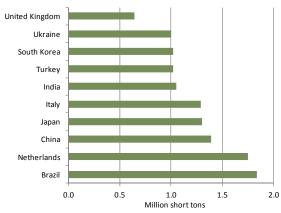
U.S. coal exports to Europe (16.4 million short tons) represented the largest share (57.1 percent) of total coal exports during first quarter 2012. Exports to the Netherlands (3.9 million short tons), a transhipment point, Italy (2.5 million short tons) and the United Kingdom (2.1 million short tons) increased both quarter-over-quarter and from the same quarter in 2011.

Metallurgical coal exports (17.5 million short ton), with an average price of \$168.96 per short ton, accounted for 61.2 percent of coal exports in first quarter 2012. Steam coal exports, with an average price of \$81.13 per short ton, increased 15.3 percent quarter-over-quarter and 17.6 percent from first quarter 2011 to 11.1 million short tons.

Top 10 Destinations for U.S. Steam Coal, First Quarter 2012



Top 10 Destinations for U.S. Metallurgical Coal, First Quarter 2012



**Source:** U.S. Energy Information Administration, based on U.S. Bureau of the Census.

#### Consumption

Weather and market conditions have traditionally determined coal consumption in the U.S. Total U.S. consumption for first quarter 2012 (206.9 million short tons) was the lowest since second quarter 1988 (205.7 million short tons). Mild winter weather led to a decline in total electricity generation, leaving high stock levels; consumption fell to 189.9 million short tons in the

electric power sector. In addition, natural gas prices have remained low leading some power producers to use natural gas in place of coal.

Consumption at coke plants (5.3 million short tons) was slightly lower than fourth quarter 2011, but remained consistent with the first quarter 2011 level. First quarter consumption by Industrial Users (11.0 million short tons), however, decreased both quarter-over-quarter and from first quarter 2011. Consumption by Commercial and Institutional Users (0.7 million short tons) increased marginally from fourth quarter 2011, but this was approximately two-thirds of the consumption level seen in first quarter 2011, suggesting a decline in first quarter consumption.

Average U.S. Temperatures, January - March 2012

National Climatic Data Center/NESDIS/NOAA

Record Record Below Normal Normal Normal Normal Above Warmest

Source: National Oceanic and Atmospheric Administration

#### **Domestic Prices**

The average cost of coal delivered for electricity generation at the end of March 2012 was \$2.43 per million Btu for electric utilities and \$2.25 per million Btu for independent power producers.

Delivered prices are the weighted average of contract and spot prices with 80 percent of coal delivered under contract terms and 20 percent delivered under spot terms. For more information on delivered price data, see Table 4.10.A in the Electric Power Monthly at http://www.eia.gov/electricity/monthly/index.cfm.

Table ES-1. U.S. Coal Summary Statistics, 2006-2012

(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>
2006								
January - March	289,145	8,958	3,613	35.113	272,730	10,659	120.013	
April - June		7,956	3,363	35,307	261,207	12,590	144,228	
July - September		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	
Total	1,162,750	36,246	14,409	20,210	1,112,292	49,647	100,070	8,824
2007	, . ,		,					-,-
January - March	286,041	8,786	3,264	34,007	278,727	11,139	149,588	
April - June		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		8,597	3,727	33,977	278,500	17,124	158,781	
Total	1,146,635	36,347	14,076	55,777	1,127,998	59,163	100,701	4,085
2008	_,,,,,,				_,,	1		-,
January - March	289.015	7,640	3,453	34,876	284,984	15,802	153,225	
April - June		8,982	3,420	32,086	267,304	23,069	159,760	
July - September		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	
Total	1,171,809	34,208	14,146	34,000	1,120,548	81,519	170,121	5,740
2009	, ,	, , , ,	,		, .,.	,		,
January - March	282,772	6,325	3,321	41.257	254.383	13.335	182,169	
April - June		5,426	3,220	44.018	231,110	12,951	202,994	
July - September		5,441	3,567	41,690	259,621	15,159	204,422	
October - December		5,447	3,558	47,718	252,363	17,653	197,062	
Total	1,074,923	22,639	13,666	47,710	997,478	59,097	177,002	14,985
2010	, , ,	,	,,,,,,		,	,		,
January - March	265,702	4.803	3,288	50.936	264,939	17.807	183,970	
April - June		5,058	3,428	51,497	247,344	21,965	188,244	
July - September		4,680	3,636	49,913	286,361	21,074	170,674	
October - December		4,811	3,300	49,820	249,870	20,870	181,920	
Total	1,084,368	19,353	13,651	.,,,	1,048,514	81,716	,	182
2011								
January - March	273,623	3,381	3,285	44,336	253,561	26,617	173,063	
April - June		3,419	2,870	45,398	240,631	26,987	172,353	
July - September	274,626	3,588	3,402	43,763	278,658	25,976	151,608	
October - December		2,700	2,972	41,917	226,253	27,679	182,767	
Total	1,094,336	13,088	12,529	11,217	999,103	107,259	102,707	20,647
2012					•	•		•
January - March	266,405	2,022	2,796	$41,478^{E}$	206,902	28,642	203,036	
Total	266,405	2,022	2,796	71,770	206,902	28,642	203,030	15,849
	273,623	3,381	3,285			26,617		
2011 January - March 2010 January - March	273,623 265,702	3,381 4,803	3,285 3,288		253,561 264,939	26,617 17,807		

<sup>&</sup>lt;sup>1</sup> Includes refuse recovery.

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."

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

<sup>&</sup>lt;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.

Estimated

**Table ES-2.** U.S. Coke Summary Statistics, 2006-2012 (Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
2006					
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
Total	16,404	4,068		18,784	1,616
2007		-1			_,,
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
Total	16,201	2,460		17,270	1,444
2008	,	_,		,	_,
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
Total	15,646	3,603		17,006	1,959
2009	,	-,			_,
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
Total	11,143	347	7.70	10,323	1,307
2010	11,113	547		10,525	1,507
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
Total	15,022	1,214	702	14,847	1,463
2011	13,022	1,217		14,047	1,403
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	3,907	307	745	3.886	299
Total	15,420	1,418	743	15,825	970
2012	15,420	1,410		15,625	970
January - March	3,857	365	636	4.160	172
Total	3,857 3,857	365	030	,	172
	•			4,160	
2011 January - March	3,708	289		3,870	181
2010 January - March	3,433	365		3,588	285

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

<sup>&</sup>lt;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, 2006-2012 (Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Total
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
2012	266,405	_	_	_	266,405

- = No data are reported.

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	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
Alabama	4,979	4,261	5,260	4,979	5,260	-5.3
Alaska	549	578	594	549	594	-7.6
Arizona		2,049	1,977	2,167	1,977	9.6
Arkansas	22	28	37	22	37	-40.0
Colorado	7,034	6,915	6,442	7,034	6,442	9.2
Illinois	11,387	9,435	8,873	11,387	8,873	28.3
Indiana	9,594	9,673	9,449	9,594	9,449	1.5
Kansas		24	1	3	1	141.6
Kentucky Total	26,298	25,648	27,669	26,298	27,669	-5.0
Eastern	14,905	15,575	17,138	14,905	17,138	-13.0
Western	11,393	10,073	10,531	11,393	10,531	8.2
Louisiana	810	972	809	810	809	0.2
Maryland	575	740	591	575	591	-2.6
Mississippi	790	774	623	790	623	26.9
Missouri	113	125	106	113	106	7.2
Montana	9,426	11.800	9,394	9,426	9,394	0.3
New Mexico		5,004	5,000	4,795	5,000	-4.1
North Dakota	,	7,769	7,654	7.194	7.654	-6.0
Ohio	.,.	7,370	7,234	7.009	7.234	-3.1
Oklahoma		304	280	280	280	0.0
Pennsylvania Total		15,214	15.006	14,603	15.006	-2.7
Anthracite	,	576	487	548	487	12.6
Bituminous		14.638	14.518	14.055	14.518	-3.2
Tennessee		350	312	346	312	10.9
Texas		11.173	10.615	9.874	10.615	-7.0
Utah	. ,	5.134	4,703	4.568	4.703	-2.9
Virginia		5,500	5,890	5.118	5.890	-13.1
West Virginia Total		32,722	35,384	32.829	35.384	-7.2
Northern		10.404	11.479	11.351	11.479	-1.1
Southern	,	22,318	23,905	21.478	23,905	-10.2
Wyoming	,	118,484	109,063	105,755	109,063	-3.0
Appalachian Total		81,732	86.813	80,365	86,813	-7.4
Interior Total		42,583	41,323	44,266	41,323	7.1
Western Total		157,733	144,829	141,487	144,829	-2.3
East of Miss. River	113,529	111,689	116,289	113,529	116,289	-2.4
West of Miss. River		170,359	156,676	152,589	156,676	-2.6
U.S. Subtotal	266,119	282,048	272,965	266,119	272,965	-2.5
Refuse Recovery	286	403	659	286	659	-56.6
U.S. Total	266,405	282,451	273,623	266,405	273,623	-2.6

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."

**Coke and Breeze Production at Coke Plants** Table 3. (Thousand Short Tons)

(Thousand Sho	10113)								
G PLL	January -	October -	January - March		Year to Date				
Census Division	March 2012	December 2011	March 2011	2012	2011	Percent Change			
Middle Atlantic	W	W	W	W	W	W			
East North Central		2,300	2,061	2,389	2,061	15.9			
South Atlantic	W	W	W	W	W	W			
East South Central	W	W	417	W	W	W			
U.S. Total	4,129	4,175	3,972	4,129	3,972	4.0			
Coke Total	3,857	3,919	3,708	3,857	3,708	4.0			
Breeze Total	271	256	264	271	264	2.7			

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, 2006-2012 (Thousand Short Tons)

(Thousand S	(Thousand Short Tons)										
Year	January - March		April - June		July - September		October - December		Total		
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	
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	
2012	28,642	2,022	-	-	-	-	-	-	28,642	2,022	

<sup>- =</sup> No data are reported.

**Table 5. Average Price of U.S. Coal Exports and Imports, 2006-2012** (Dollars per Short Ton)

(2 chair per bhort 1 ch)										
Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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
2012	134.88	103.82	-	_	-	-	_	-	-	-

<sup>- =</sup> No data are reported.

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."

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 6. Quantity and Average Price of U.S. Coal Imports by Origin, 2006-2012

(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
				Quan	tity			
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
2010	380	1,767	14,584	1,904	53	582	83	19,353
2011         January - March         April - June         July - September         October - December         U.S. Total	62 - - - 62	245 461 539 436 <b>1,680</b>	2,753 2,204 2,757 1,787 <b>9,500</b>	170 397 166 123 <b>856</b>	9 3 5 4 22	118 279 74 309 <b>779</b>	24 75 47 41 <b>188</b>	3,381 3,419 3,588 2,700 13,088
2012  January - March U.S. Total		260 <b>260</b>	1,594 <b>1,594</b>	59 <b>59</b> <b>Average</b>	7 <b>7 7 Price</b>	80 <b>80</b>	22 22	2,022 2,022
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
2010	56.75	167.33	63.31	44.58	223.42	72.75	114.06	71.77
January - March	52.72 - - - 52.72	172.28 270.02 275.36 255.79 <b>253.79</b>	81.08 83.30 84.19 83.16 <b>82.89</b>	50.33 46.69 44.18 48.08 <b>47.13</b>	212.20 330.71 373.87 203.72 <b>267.33</b>	70.64 85.22 87.37 85.21 <b>83.22</b>	134.56 140.58 122.90 104.23 <b>127.37</b>	86.00 105.86 112.06 110.19 103.32
2012  January - March U.S. Total	<u>-</u> -	205.47 <b>205.47</b>	87.67 <b>87.67</b>	54.64 <b>54.64</b>	312.19 <b>312.19</b>	92.66 <b>92.66</b>	177.94 <b>177.94</b>	103.82 103.82

<sup>- =</sup> 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	January -	October -	January -		Year to Date	
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change
North America Total	1,761,872	3,240,640	960,524	1.761.872	960,524	83.4
Canada <sup>1</sup>	1,074,532	2,272,034	564,693	1.074.532	564,693	90.3
Dominican Republic	188,021	57,217	319	188.021	319	NM
Honduras	33,963	30,347	-	33,963	-	
Jamaica	33,585	5,512	24,251	33,585	24,251	38.5
Mexico	430,314	832,370	301,250	430,314	301,250	42.8
Panama	904	40,686	44,458	904	44,458	-98.0
Other <sup>2</sup>	553	2,474	25,553	553	25,553	-97.8
South America Total	2,337,667	2,600,873	2,752,987	2,337,667	2,752,987	-15.1
Argentina	50,408	108.973	97,455	50.408	97.455	-48.3
Brazil	1,862,332	1,805,717	2.239.126	1,862,332	2.239.126	-16.8
Chile	421,675	683,676	410,929	421,675	410,929	2.6
Peru	109	256	439	109	439	-75.2
Other <sup>2</sup>	3,143	2,251	5,038	3,143	5,038	-37.6
	16,359,777	14.444.421	12,712,564	16,359,777	12.712.564	28.7
Austria	163,956	84.875	76.078	163.956	76.078	115.5
Belgium	737,842	1,030,851	635,148	737,842	635,148	16.2
	153,010	443,400	539,432	153,010	539,432	-71.6
Croatia	133,010	443,400	84,689	133,010	84,689	-/1.0
DenmarkFinland	50,468	-	86,844	50.468	86.844	-41.9
	954,416	1,222,838	851,824	954,416	851,824	12.0
France						
Germany, Federal Republic of	1,542,714	1,826,364	1,445,818	1,542,714	1,445,818	6.7
Iceland	15,547	22,524	17,900	15,547	17,900	-13.1
Ireland	229	209	166,918	229	166,918	-99.9
Italy	2,533,242	1,409,248	1,126,956	2,533,242	1,126,956	124.8
Latvia	310,425	329,612	121,119	310,425	121,119	156.3
Netherlands	3,909,058	2,647,411	2,308,742	3,909,058	2,308,742	69.3
Norway	11,427	27,710	38,827	11,427	38,827	-70.6
Poland	324,864	338,609	332,733	324,864	332,733	-2.4
Portugal	322,092	334,526	243,631	322,092	243,631	32.2
Romania	334,120	-	423,328	334,120	423,328	-21.1
Slovakia	118,333	.=	54,108	118,333	54,108	118.7
Slovenia	201,634	173,633	233,840	201,634	233,840	-13.8
Spain	378,837	564,854	554,814	378,837	554,814	-31.7
Sweden	44,959	228,304	60,861	44,959	60,861	-26.1
Switzerland	93,891	29,299	71,182	93,891	71,182	31.9
Turkey	1,100,967	471,488	926,775	1,100,967	926,775	18.8
Ukraine	1,002,580	1,312,914	1,040,404	1,002,580	1,040,404	-3.6
United Kingdom	2,054,919	1,935,423	1,269,277	2,054,919	1,269,277	61.9
Other <sup>2</sup>	247	10,329	1,316	247	1,316	-81.2
Asia Total	7,020,668	6,693,686	8,698,665	7,020,668	8,698,665	-19.3
China	2,001,035	1,570,032	2,053,644	2,001,035	2,053,644	-2.6
India	1,474,171	1,107,067	1,226,395	1,474,171	1,226,395	20.2
Japan	1,429,807	1,463,754	2,818,020	1,429,807	2,818,020	-49.3
Korea, South	1,847,310	2,537,074	2,593,824	1,847,310	2,593,824	-28.8
Saudi Arabia	35,864	13,453	144	35,864	144	NM
Other <sup>2</sup>	232,481	2,306	6,638	232,481	6,638	NM
Australia and Oceania Total	<b>545</b> 545	<b>7</b> 7	<b>166,141</b> 166,141	<b>545</b> 545	<b>166,141</b> 166,141	<b>-99.7</b> -99.7
Africa Total	1,161,169	699,651	1,326,276	1,161,169	1,326,276	-12.4
Egypt	164,863	27	407,318	164,863	407,318	-59.5
Morocco	846,358	698,354	841,926	846,358	841,926	0.5
South Africa	149,723	945	77,026	149,723	77,026	94.4
Other <sup>2</sup>	225	325	6	225	6	NM
Total	28.641.698	27,679,278	26,617,157	28.641.698	-	7.6

<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 2011.

<sup>- =</sup> 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."

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

Continent and Country	January -	October -	January -		Year to Date	
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change
North America Total	110.24	112.22	111.86	110.24	111.86	-1.5
Canada <sup>1</sup>	115.07	114.03	100.77	115.07	100.77	14.2
Dominican Republic	78.41	89.91	80.30	78.41	80.30	-2.3
Honduras	54.43	54.43	-	54.43	-	2.0
Jamaica	55.42	76.20	70.76	55.42	70.76	-21.7
Mexico	120.37	112.80	144.00	120.37	144.00	-16.4
	219.50	75.61	75.23	219.50	75.23	191.8
Panama						
Other <sup>2</sup>	227.10	162.44	81.09	227.10	81.09	180.0
South America Total	164.02	169.34	159.08	164.02	159.08	3.1
Argentina	253.39	250.21	207.12	253.39	207.12	22.3
Brazil	178.91	199.58	175.22	178.91	175.22	2.1
Chile	86.48	76.15	60.64	86.48	60.64	42.6
	715.00	239.55	159.73	715.00	159.73	347.6
Peru						248.2
Other <sup>2</sup>	288.95	296.74	82.97	288.95	82.97	248.2
Europe Total	133.11	148.65	134.23	133.11	134.23	-0.8
Austria	199.75	289.10	204.24	199.75	204.24	-2.2
Belgium	126.40	110.78	118.04	126.40	118.04	7.1
Croatia	119.61	129.67	142.50	119.61	142.50	-16.1
	119.01	129.07	100.28	119.01	100.28	-10.1
Denmark	170.07	-		170.07		10.5
Finland	172.37		214.17	172.37	214.17	-19.5
France	122.43	142.48	105.75	122.43	105.75	15.8
Germany, Federal Republic of	126.57	130.80	106.74	126.57	106.74	18.6
Iceland	144.91	143.08	151.88	144.91	151.88	-4.6
Ireland	69.00	80.38	74.34	69.00	74.34	-7.2
Italy	139.00	158.72	170.28	139.00	170.28	-18.4
Latvia	172.35	192.31	164.76	172.35	164.76	4.6
Netherlands	123.22	152.69	120.31	123.22	120.31	2.4
Norway	226.20	181.22	141.09	226.20	141.09	60.3
						-16.2
Poland	158.54	190.86	189.29	158.54	189.29	
Portugal	95.44	96.30	83.41	95.44	83.41	14.4
Romania	115.63	-	165.09	115.63	165.09	-30.0
Slovakia	180.28	-	207.80	180.28	207.80	-13.2
Slovenia	125.30	167.10	167.86	125.30	167.86	-25.4
Spain	132.27	148.37	148.93	132.27	148.93	-11.2
Sweden	248.09	244.04	180.20	248.09	180.20	37.7
Switzerland	52.60	52.33	107.19	52.60	107.19	-50.9
Turkey	161.49	167.88	152.33	161.49	152.33	6.0
	209.07	202.21	175.94	209.07	175.94	18.8
Ukraine	96.95			96.95		-4.0
United Kingdom		116.15	100.95		100.95	
Other <sup>2</sup>	206.33	190.77	51.43	206.33	51.43	301.2
Asia Total	138.47	159.13	148.09	138.47	148.09	-6.5
China	134.68	148.02	143.97	134.68	143.97	-6.5
India	150.82	221.28	190.46	150.82	190.46	-20.8
	176.89	178.60	174.94		174.94	1.1
Japan				176.89		
Korea, South	102.84	127.44	102.35	102.84	102.35	0.5
Saudi Arabia	188.89	149.42	145.42	188.89	145.42	29.9
Other <sup>2</sup>	131.74	435.51	65.09	131.74	65.09	102.4
Australia and Oceania Total	<b>210.60</b> 210.60	<b>932.14</b> 932.14	<b>31.78</b> 31.78	<b>210.60</b> 210.60	<b>31.78</b> 31.78	NM NM
Africa Total	11671	00.05	102.06	11671	102.26	-5.3
Africa Total	116.71	90.05	123.26	116.71	123.26	
Egypt	156.58	690.30	205.71	156.58	205.71	-23.9
Morocco	84.28	89.20	76.10	84.28	76.10	10.7
South Africa	253.54	167.21	202.68	253.54	202.68	25.1
Other <sup>2</sup>	1,827.21	1,643.53	750.00	1,827.21	750.00	143.6
U.S. Total	134.88	147.38	139.34	134.88	139.34	-3.2

<sup>&</sup>lt;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 2011.

<sup>- =</sup> 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).

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	January -	October -	January -		Year to Date	
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change
North America Total	911,869	1,154,891	498,983	911,869	498,983	82.7
Canada <sup>1</sup>	439,742	516,688	309,302	439,742	309,302	42.2
Dominican Republic	188,021	82	37	188,021	37	NM
Honduras	33,963	30,347		33,963		-
Jamaica	33,585	5,512	24,251	33,585	24,251	38.5
Mexico	215,101	559,102	118,640	215,101	118,640	81.3
Panama	904	40,686	44,458	904 553	44,458	-98.0
Other <sup>2</sup>	553	2,474	2,295	555	2,295	-75.9
South America Total	182,938	555,753	555,790	182,938	555,790	-67.1
Argentina	136	169	513	136	513	-73.5
Brazil	25,163	32,286	138,871	25,163	138,871	-81.9
Chile	154,387	520,791	410,929	154,387	410,929	-62.4
Peru	109	256	439	109	439	-75.2
Other <sup>2</sup>	3,143	2,251	5,038	3,143	5,038	-37.6
Europe Total	7,288,877	5,881,838	4,931,208	7,288,877	4,931,208	47.8
Belgium	293,849	840,265	145,470	293,849	145,470	102.0
Croatia	78,374	225,466	148,073	78,374	148,073	-47.1
Denmark	-	-	84,689	-	84,689	-
France	335,698	700,210	494,908	335,698	494,908	-32.2
Germany, Federal Republic of	942,781	881,959	899,009	942,781	899,009	4.9
Ireland	229	209	90,949	229	90,949	-99.7
Italy	1,245,170	321,479	222,999	1,245,170	222,999	458.4
Latvia		-	78,337		78,337	-
Netherlands	2,160,307	871,710	1,120,742	2,160,307	1,120,742	92.8
Norway	242	6,302	12,293	242	12,293	-98.0
Poland	122,296	74,719	174	122,296	174	NM
Portugal	322,092 126,419	334,526	243,631	322,092 126,419	243,631	32.2
Slovenia Spain	74.439	200.927	155,104	74,439	155.104	-52.0
Sweden	186	92,987	155,104	186	155,104	-32.0
Switzerland	93.891	29,299	71.182	93,891	71.182	31.9
Turkey	80,431	79,167	310,173	80,431	310.173	-74.1
Ukraine	-	690	510,175	-	510,175	-/4.1
United Kingdom	1,412,226	1,221,779	852,159	1,412,226	852,159	65.7
Other <sup>2</sup>	247	144	1,316	247	1,316	-81.2
Agio Total	2.023.741	1,493,190	2,364,013	2,023,741	2,364,013	-14.4
Asia Total	610.761	300.458	2,304,013 505.632	610.761	505.632	20.8
India	421,855	193	231,664	421,855	231,664	82.1
Japan	125.267	237.283	118.844	125,267	118.844	5.4
Korea, South	827,428	939,497	1,501,091	827,428	1,501,091	-44.9
Saudi Arabia	18,239	13.453	1,501,051	18.239	1,501,051	NM
Other <sup>2</sup>	20,191	2,306	6,638	20,191	6,638	204.2
	545	7	*	545	*	-99.7
Australia and Oceania Total  Australia	545 545	7	<b>166,141</b> 166,141	545 545	<b>166,141</b> 166,141	- <b>99.</b> 7 -99.7
Africa Total	707.519	557,887	935,565	707,519	935,565	-24.4
Egypt	14	27	163,357	14	163,357	-100.0
Morocco	706,991	556,590	771,991	706,991	771,991	-8.4
South Africa	289	945	211	289	211	37.0
Other <sup>2</sup>	225	325	6	225	6	NM
Total	11,115,489	9,643,566	9.451,700	11,115,489	9.451,700	17.6

<sup>&</sup>lt;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 2011.

<sup>- =</sup> 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."

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

Continent and Country	January -	October -	January -		Year to Date	
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change
North America Total	90,93	79.40	85.76	90.93	85.76	6.0
Canada <sup>1</sup>		69.35	87.62	93.92	87.62	7.2
Dominican Republic		160.80	149.08	78.41	149.08	-47.4
Honduras		54.43	147.00	54.43	147.00	-77.7
		76.20	70.76	55.42	70.76	-21.7
Jamaica						
Mexico		89.98	87.46	106.15	87.46	21.4
Panama		75.61	75.23	219.50	75.23	191.8
Other <sup>2</sup>	227.10	162.44	108.47	227.10	108.47	109.4
South America Total		81.51	75.50	101.69	75.50	34.7
Argentina		429.98	120.60	530.93	120.60	340.3
Brazil	154.97	199.05	118.75	154.97	118.75	30.5
Chile	88.38	73.10	60.64	88.38	60.64	45.7
Peru	715.00	239.55	159.73	715.00	159.73	347.6
Other <sup>2</sup>		296.74	82.97	288.95	82.97	248.2
Europe Total	84.75	91.70	82.88	84.75	82.88	2.3
Belgium		89.36	83.29	88.70	83.29	6.5
Croatia		84.37	73.85	76.20	73.85	3.2
Denmark		04.57	100.28	70.20	100.28	3.2
France		93.47	84.63	88.25	84.63	4.3
Germany, Federal Republic of		96.20	76.74	84.76	76.74	10.4
Ireland		80.38	78.47	69.00	78.47	-12.1
Italy		101.98	94.07	96.80	94.07	2.9
Latvia		-	174.63	-	174.63	-
Netherlands	87.27	91.09	83.93	87.27	83.93	4.0
Norway	1,845.63	234.75	105.24	1,845.63	105.24	NM
Poland	57.68	54.43	144.95	57.68	144.95	-60.2
Portugal	95.44	96.30	83.41	95.44	83.41	14.4
Slovenia		-	-	83.27	_	_
Spain		64.31	66.54	63.02	66.54	-5.3
Sweden		253.47	-	80.16	-	-
Switzerland		52.33	107.19	52.60	107.19	-50.9
Turkey		55.68	92.16	102.96	92.16	11.7
		169.82	92.10	102.90	92.10	11.7
Ukraine			72.05	71.04	72.05	2.6
United Kingdom		83.74	72.95	71.04	72.95	-2.6
Other <sup>2</sup>	206.33	850.20	51.43	206.33	51.43	301.2
Asia Total	60.79	54.78	81.61	60.79	81.61	-25.5
China	56.21	62.46	120.60	56.21	120.60	-53.4
India	81.35	525.63	136.08	81.35	136.08	-40.2
Japan	117.36	89.17	83.52	117.36	83.52	40.5
Korea, South		41.25	59.99	40.56	59.99	-32.4
Saudi Arabia		149.42	145.42	204.85	145.42	40.9
Other <sup>2</sup>		435.51	65.09	117.59	65.09	80.7
Australia and Oceania Total	210.60	932.14	31.78	210.60	31.78	NM
Australia		932.14	31.78	210.60	31.78	NM
Africa Total	84.00	88.66	99.16	84.00	99.16	-15.3
Egypt		690.30	215.46	2.048.79	215.46	NM
Morocco	,	87.59	74.53	83.38	74.53	11.9
South Africa		167.21	177.12	144.81	177.12	-18.2
			750.00		750.00	143.6
Other <sup>2</sup>		1,643.53		1,827.21		
U.S. Total	81.13	83.75	82.99	81.13	82.99	-2,2

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2011.

<sup>- =</sup> 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	January -	October -	January -		Year to Date	
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change
North America Total	850,003	2,085,749	461,541	850,003	461,541	84.2
Canada <sup>1</sup>	634,790	1,755,346	255,391	634,790	255,391	148.6
Dominican Republic	-	57,135	282	-	282	-
Mexico	215,213	273,268	182,610	215,213	182,610	17.9
Other <sup>2</sup>	-	-	23,258	-	23,258	-
South America Total	2.154.729	2,045,120	2.197.197	2.154.729	2,197,197	-1.9
Argentina	50,272	108,804	96,942	50,272	96,942	-48.1
Brazil	1,837,169	1,773,431	2,100,255	1,837,169	2,100,255	-12.5
Chile	267,288	162,885	-	267,288	-	
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	5 501 35 <i>(</i>	*	E E01 356	166
Europe Total	<b>9,070,900</b> 163,956	<b>8,562,583</b> 84,875	<b>7,781,356</b> 76,078	<b>9,070,900</b> 163,956	<b>7,781,356</b> 76,078	<b>16.6</b> 115.5
	,	- ,	,	/	,	-9.3
Belgium	443,993	190,586	489,678	443,993	489,678	-9.3 -80.9
Croatia	74,636	217,934	391,359 86.844	74,636	391,359 86.844	-80.9 -41.9
Finland	50,468	522 629		50,468		
France	618,718	522,628	356,916	618,718	356,916	73.4 9.7
Germany, Federal Republic of	599,933	944,405	546,809	599,933	546,809	
Iceland	15,547	22,524	17,900	15,547	17,900	-13.1
Ireland	1 200 072	1 007 760	75,969	1 200 072	75,969	10.5
Italy	1,288,072	1,087,769	903,957	1,288,072	903,957	42.5
Latvia	310,425	329,612	42,782	310,425	42,782	NM
Netherlands	1,748,751	1,775,701	1,188,000	1,748,751	1,188,000	47.2
Norway	11,185	21,408	26,534	11,185	26,534	-57.8
Poland	202,568	263,890	332,559	202,568	332,559	-39.1
Romania	334,120	-	423,328	334,120	423,328	-21.1
Slovakia	118,333	172 522	54,108	118,333	54,108	118.7
Slovenia	75,215	173,633	233,840	75,215	233,840	-67.8
Spain	304,398	363,927	399,710	304,398	399,710	-23.8
Sweden	44,773	135,317	60,861	44,773	60,861	-26.4
Turkey	1,020,536	392,321	616,602	1,020,536	616,602	65.5
Ukraine	1,002,580	1,312,224	1,040,404	1,002,580	1,040,404	-3.6
United Kingdom	642,693	713,644	417,118	642,693	417,118	54.1
Other <sup>2</sup>	-	10,185	-	-	-	-
Asia Total	4,996,927	5,200,496	6,334,652	4,996,927	6,334,652	-21.1
China	1,390,274	1,269,574	1,548,012	1,390,274	1,548,012	-10.2
India	1,052,316	1,106,874	994,731	1,052,316	994,731	5.8
Japan	1,304,540	1,226,471	2,699,176	1,304,540	2,699,176	-51.7
Korea, South	1,019,882	1,597,577	1,092,733	1,019,882	1,092,733	-6.7
Saudi Arabia	17,625	-	-	17,625	-	-
Other <sup>2</sup>	212,290	-	-	212,290	-	-
Africa Total	453,650	141.764	390,711	453,650	390,711	16.1
Egypt	164,849	171,/07	243,961	164,849	243.961	-32.4
Morocco	139,367	141.764	69,935	139,367	69.935	99.3
South Africa	149,434	171,/07	76,815	149,434	76,815	94.5
	*	10.025.512	, ,	*	*	
Total	17.526.209	18,035,712	17.165.457	17.526,209	17,165,457	2.1

<sup>&</sup>lt;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 2011.

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."

<sup>- =</sup> No data are reported.

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

Continent and Country	January - October -		January -	Year to Date			
of Destination	March 2012	December 2011	March 2011	2012	2011	Percent Change	
North America Total	130.95	130.39	140.08	130.95	140.08	-6.5	
Canada <sup>1</sup>	129.72	127.18	116.70	129.72	116.70	11.2	
Dominican Republic	-	89.81	71.27	-	71.27	-	
Mexico	134.57	159.51	180.73	134.57	180.73	-25.5	
Other <sup>2</sup>	-	-	78.39	-	78.39	-	
South America Total	169.31	193.21	180.22	169.31	180.22	-6.1	
Argentina	252.64	249.93	207.58	252.64	207.58	21.7	
Brazil	179.24	199.59	178.96	179.24	178.96	0.2	
Chile	85.38	85.91	-	85.38	-	-	
Europe Total	171.97	187.78	166.78	171.97	166.78	3.1	
Austria	199.75	289.10	204.24	199.75	204.24	-2.2	
Belgium	151.35	205.21	128.36	151.35	128.36	17.9	
Croatia	165.18	176.54	168.48	165.18	168.48	-2.0	
Finland	172.37	-	214.17	172.37	214.17	-19.5	
France	140.98	208.13	135.04	140.98	135.04	4.4	
Germany, Federal Republic of	192.27	163.11	156.06	192.27	156.06	23.2	
Iceland	144.91	143.08	151.88	144.91	151.88	-4.6	
Ireland	-	-	69.40	-	69.40	-	
Italy	179.80	175.48	189.08	179.80	189.08	-4.9	
Latvia	172.35	192.31	146.69	172.35	146.69	17.5	
Netherlands	167.64	182.92	154.64	167.64	154.64	8.4	
Norway	191.16	165.46	157.70	191.16	157.70	21.2	
Poland	219.43	229.49	189.31	219.43	189.31	15.9	
Romania	115.63	-	165.09	115.63	165.09	-30.0	
Slovakia	180.28	-	207.80	180.28	207.80	-13.2	
Slovenia	195.95	167.10	167.86	195.95	167.86	16.7	
Spain	149.20	194.77	180.89	149.20	180.89	-17.5	
Sweden	248.79	237.57	180.20	248.79	180.20	38.1	
Turkey	166.10	190.52	182.60	166.10	182.60	-9.0	
Ukraine	209.07	202.22	175.94	209.07	175.94	18.8	
United Kingdom	153.90	171.65	158.16	153.90	158.16	-2.7	
Other <sup>2</sup>	-	181.45	-	-	-	-	
Asia Total	169.93	189.09	172.90	169.93	172.90	-1.7	
China	169.15	168.27	151.60	169.15	151.60	11.6	
India	178.67	221.22	203.13	178.67	203.13	-12.0	
Japan	182.61	195.90	178.97	182.61	178.97	2.0	
Korea, South	153.38	178.13	160.54	153.38	160.54	-4.5	
Saudi Arabia	172.37	-	-	172.37	-	-	
Other <sup>2</sup>	133.09	-	-	133.09	-	-	
Africa Total	167.71	95.53	180.95	167.71	180.95	-7.3	
Egypt	156.42		199.18	156.42	199.18	-21.5	
Morocco	88.82	95.53	93.44	88.82	93.44	-4.9	
South Africa	253.75	-	202.75	253.75	202.75	25.2	
U.S. Total	168.96	181.41	170.36	168.96	170.36	-0.8	

<sup>&</sup>lt;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 2011.

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."

<sup>- =</sup> No data are reported.

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

	January -	October -	January -		Year to Date	
Customs District	March 2012	December 2011	March 2011	2012	2011	Percent Change
Eastern Total	<b>17,264,307</b> 5,051,446	<b>15,434,214</b> 4,890,957	<b>17,124,576</b> 5,281,877	<b>17,264,307</b> 5,051,446	<b>17,124,576</b> 5,281,877	<b>0.8</b> -4.4
Boston, MA	28,885	4	_	28,885	-	_
Buffalo, NY	204,089	547,084	80,473	204,089	80,473	153.6
New York, NY	3,938	3,803	805	3,938	805	389.2
Norfolk, VA	11,948,762	9,944,880	11,688,313	11,948,762	11,688,313	2.2
Ogdensburg, NY	4,624	7,831	54,808	4,624	54,808	-91.6
Philadelphia, PA	22,492 71	39,518	18,233	22,492	18,233	23.4
St. Albans, VT	, -	137	67	71	67	6.0
Southern Total	9,374,176	8,851,669	7,490,467	9,374,176	7,490,467	25.1
Charleston, SC	32	110	11	32	11	190.9
El Paso, TX	32,417	50,414	44,400	32,417	44,400	-27.0
Houston-Galveston, TX	602,281	246,020	24,318	602,281	24,318	NM
Laredo, TX	76,174	202,178	10,556	76,174	10,556	NM
Miami, FL	574	62	1,973	574	1,973	-70.9
Mobile, AL	2,711,304	2,501,716	2,585,116	2,711,304	2,585,116	4.9
New Orleans, LA	5,950,502	5,850,964	4,823,305	5,950,502	4,823,305	23.4
Savannah, GA	496	133	22	496	_22	NM
Tampa, FL	396	72	766	396	766	-48.3
Western Total	1,384,867	1,672,069	1,717,533	1,384,867	1,717,533	-19.4
Anchorage, AK	41,563	324,290	204,543	41,563	204,543	-79.7
Great Falls, MT	84	84	13,617	84	13,617	-99.4
Los Angeles, CA	405,100	371,187	308,968	405,100	308,968	31.1
Nogales, AZ	33	-	-	33	_	_
San Diego, CA	179	21	94	179	94	90.4
San Francisco, CA	<del>.</del>	42	<del>.</del>		<del>.</del>	
Seattle, WA	937,908	976,445	1,190,311	937,908	1,190,311	-21.2
Northern Total	544,717	1,571,096	258,397	544,717	258,397	110.8
Cleveland, OH	403,528	1,168,966	174,026	403,528	174,026	131.9
Detroit, MI	43,477	258,386	84,122	43,477	84,122	-48.3
Duluth, MN	975	525	-	975	_	_
Minneapolis, MN	93,825	142,382	-	93,825	_	_
Pembina, ND	2,912	837	249	2,912	249	NM
Other Ports	73,631	150,230	26,184	73,631	26,184	181.2
Total	28,641,698	27,679,278	26,617,157	28,641,698	26,617,157	7.6

<sup>- =</sup> 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)

(Short Tons)	January -	October -	January -		Year to Date	
Customs District	March 2012	December 2011	March 2011	2012	2011	Percent Change
Eastern Total	<b>4,853,170</b> 1,137,076	<b>3,172,812</b> 917,501	<b>3,796,615</b> 1,383,536	<b>4,853,170</b> 1,137,076	<b>3,796,615</b> 1,383,536	<b>27.8</b> -17.8
Boston, MA Buffalo, NY New York, NY Norfolk, VA	12 2,431 3,938 3,683,402	4 1,781 3,803 2,203,172	1,560 805 2,338,584	12 2,431 3,938 3,683,402	1,560 805 2,338,584	55.8 389.2 57.5
Ogdensburg, NY Philadelphia, PA St. Albans, VT.	3,748 22,492 71	6,896 39,518 137	53,830 18,233 67	3,748 22,492 71	53,830 18,233	-93.0 23.4 6.0
Southern Total	4,662,611	4,286,467	3,828,471	4,662,611	3,828,471	21.8
Charleston, SC El Paso, TX Houston-Galveston, TX Laredo, TX Miami, FL Mobile, AL New Orleans, LA Savannah, GA Tampa, FL  Western Total Anchorage, AK Great Falls, MT Los Angeles, CA Nogales, AZ San Diego, CA	32 32,417 111,264 24,405 574 569,634 3,923,393 496 396 <b>1,384,867</b> 41,563 84 405,100 33	110 50,414 9,639 120,081 62 317,017 3,788,939 133 72 <b>1,672,069</b> 324,290 84 371,187	11 44,400 24,318 10,556 1,429 54,571 3,692,398 22 766 1,717,533 204,543 13,617 308,968	32 32,417 111,264 24,405 574 569,634 3,923,393 496 396 <b>1,384,867</b> 41,563 84 405,100 33	11 44,400 24,318 10,556 1,429 54,571 3,692,398 22 766 1,717,533 204,543 13,617 308,968	190.9 -27.0 357.5 131.2 -59.8 NM 6.3 NM -48.3 -19.4 -79.7 -99.4 31.1
San Francisco, CA	937,908	42 976,445	1,190,311	937,908	1,190,311	-21.2
Northern Total	141,210 21 43,477 975 93,825 2,912	<b>361,988</b> 24,035 194,209 525 142,382 837	<b>82,897</b> - 82,648 249	141,210 21 43,477 975 93,825 2,912	<b>82,897</b> - 82,648 249	70.3 -47.4 - - NM
Other Ports	73,631	150,230	26,184	73,631	26,184	181.2
Total	11,115,489	9,643,566	9,451,700	11,115,489	9,451,700	17.6

<sup>- =</sup> 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."

**Metallurgical Coal Exports by Customs District** Table 15. (Short Tons)

	January -	October -	January - March 2011		Year to Date	
Customs District	March 2012	December 2011		2012	2011	Percent Change
Eastern Total	12,411,137 3,914,370 28,873 201,658 8,265,360 876	12,261,402 3,973,456 545,303 7,741,708 935	13,327,961 3,898,341 78,913 9,349,729 978	12,411,137 3,914,370 28,873 201,658 8,265,360 876	13,327,961 3,898,341 78,913 9,349,729 978	-6.9 0.4 - 155.5 -11.6 -10.4
Southern Total	<b>4,711,565</b> 491,017 51,769 - 2,141,670 2,027,109	<b>4,565,202</b> 236,381 82,097 - 2,184,699 2,062,025	3,661,996 - 544 2,530,545 1,130,907	<b>4,711,565</b> 491,017 51,769 - 2,141,670 2,027,109	3,661,996 - - 544 2,530,545 1,130,907	28.7 - - -15.4 79.2
Northern Total	<b>403,507</b> 403,507 - <b>17,526,209</b>	<b>1,209,108</b> 1,144,931 64,177 <b>18,035,712</b>	<b>175,500</b> 174,026 1,474 <b>17,165,457</b>	403,507 403,507 - 17.526.209	<b>175,500</b> 174,026 1,474 <b>17,165,457</b>	129.9 131.9 - 2.1

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

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

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

Continent and Country		October -	January -		Year to Date	
of Destination		December 2011	March 2011	2012	2011	Percent Change
North America Total	<b>139,149</b> 49,248 89,442 459	231,575 159,182 70,025 2,368	<b>86,283</b> 25,590 59,739 954	<b>139,149</b> 49,248 89,442 459	<b>86,283</b> 25,590 59,739 954	<b>61.3</b> 92.5 49.7 -51.9
South America Total	<b>567</b> 89 478	<b>416</b> - 416	<b>33,834</b> 33,799 35	<b>567</b> 89 478	<b>33,834</b> 33,799 35	<b>-98.3</b> -99.7 NM
Europe Total Other <sup>2</sup>	<b>6</b> 6	<b>40,507</b> 40,507	<b>53,966</b> 53,966	<b>6</b> 6	<b>53,966</b> 53,966	<b>-100.0</b> -100.0
Asia Total Other <sup>2</sup>	<b>4,145</b> 4,145	<b>128</b> 128	<b>371</b> 371	<b>4,145</b> 4,145	<b>371</b> 371	NM NM
Africa Total	<b>27,888</b> 27,888	<b>25,904</b> 25,904	<b>6,414</b> - 6,414	<b>27,888</b> 27,888	<b>6,414</b> 6,414	334.8
Total	171,755	298,530	180,868	171,755	180,868	-5.0

<sup>&</sup>lt;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 2011.

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."

<sup>- =</sup> No data are reported.

Table 17. Average Price of U.S. Coke Exports (Dollars per Short Ton)

Continent and Country of Destination	January -	October -	January - March 2011		Year to Date		
	March 2012	December 2011		2012	2011	Percent Change	
North America Total Canada¹ Mexico Other²	<b>236.54</b> 385.84 154.84 138.32	<b>234.02</b> 271.63 151.50 146.07	<b>243.85</b> 272.40 233.99 95.88	<b>236.54</b> 385.84 154.84 138.32	<b>243.85</b> 272.40 233.99 95.88	<b>-3.0</b> 41.6 <b>-33.8</b> 44.3	
South America Total	<b>174.96</b> 359.52 140.60	108.55 108.55	<b>279.14</b> 279.18 233.91	<b>174.96</b> 359.52 140.60	<b>279.14</b> 279.18 233.91	<b>-37.3</b> 28.8 -39.9	
Europe Total Other <sup>2</sup>	<b>427.83</b> 427.83	<b>232.59</b> 232.59	<b>287.15</b> 287.15	<b>427.83</b> 427.83	<b>287.15</b> 287.15	<b>49.0</b> 49.0	
Asia Total Other <sup>2</sup>	<b>142.59</b> 142.59	<b>451.01</b> 451.01	<b>593.43</b> 593.43	<b>142.59</b> 142.59	<b>593.43</b> 593.43	<b>-76.0</b> -76.0	
Africa Total	<b>90.72</b> 90.72	<b>90.72</b> 90.72	113.40 - 113.40	<b>90.72</b> 90.72	113.40 113.40	-20.0 -	
U.S. Total	210.40	221.31	259.46	210.40	259.46	-18.9	

<sup>&</sup>lt;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 2011.

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."

<sup>- =</sup> No data are reported.

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

Continent and Country	January -	October -	January -		Year to Date	
of Origin	March December 2012 2011	December 2011	March 2011	2012	2011	Percent Change
North America Total	<b>260,254</b> 260,254	<b>436,204</b> 436,029 175	<b>244,950</b> 244,950 –	<b>260,254</b> 260,254	<b>244,950</b> 244,950	<b>6.2</b> 6.2
South America Total	1,673,579	<b>2,106,201</b> 20	2,870,461	1,673,579	2,870,461	-41.7 -
Colombia Peru Venezuela	1,593,595 - 79,984	1,786,739 10,531 308,911	2,752,810 - 117.651	1,593,595 - 79,984	2,752,810 - 117.651	-42.1 - -32.0
Europe Total	22,435	<b>25,451</b> 237	23,353	22,435	23,353	-3.9
Italy Turkey Ukraine	3 - 22,432	- 25,214	33 23,320	3 - 22,432	33 23,320	- -3.8
Asia Total	<b>65,572</b> 6,733 58,839	126,721 4,108 - 122,613	180,268 9,407 489 170,254 118	65,572 6,733 - 58,839	180,268 9,407 489 170,254 118	-63.6 -28.4 - -65.4
Australia and Oceania Total		-	<b>61,745</b> 61,745	<del>-</del> -	<b>61,745</b> 61,745	_ _
Africa Total	- - -	<b>5,266</b> 5,233 33	- - -	- - -	- - -	- - -
Total	2,021,840	2,699,843	3,380,777	2,021,840	3,380,777	-40.2

<sup>- =</sup> No data are reported.

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	January -	October -	January -		Year to Date	
of Origin	March December 2012 2011	March 2011	2012	2011	Percent Change	
North America Total	<b>205.47</b> 205.47	<b>255.72</b> 255.79 65.89	<b>172.28</b> 172.28	<b>205.47</b> 205.47	<b>172.28</b> 172.28	<b>19.3</b> 19.3
South America Total	<b>87.91</b> - 87.67 - 92.66	83.45 504.70 83.16 80.29 85.21	80.66 81.08 70.64	87.91 87.67 92.66	80.66 81.08 70.64	9.0 8.1 - 31.2
Europe Total	177.94 - 689.00 - 177.87	123.45 59.01	136.22 - 68.88 136.31	177.94 	136.22 - 68.88 136.31	30.6 - - - 30.5
Asia Total	81.09 312.19 54.64	53.12 203.72 48.08	<b>58.84</b> 212.20 58.90 50.33 120.73	81.09 312.19 54.64	<b>58.84</b> 212.20 58.90 50.33 120.73	37.8 47.1 8.6
Australia and Oceania Total		<del>-</del>	<b>52.72</b> 52.72	-	<b>52.72</b> 52.72	
Africa Total	- - -	<b>59.01</b> 58.97 64.55	- - -	- - -	- - -	- - -
U.S. Total <sup>1</sup>	103.82	110.19	86.00	103.82	86.00	20.7

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

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

<sup>- =</sup> 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.

Table 20. **Coal Imports by Customs District** (Short Tons)

	January -	October -	January -		Year to Date	
Customs District	March 2012	December 2011	March 2011	2012	2011	Percent Change
Eastern Total	194,120	719,215	1,179,473	194,120	1.179.473	-83.5
Baltimore, MD	48,200	48,772	71.419	48,200	71,419	-32.5
Boston, MA	51,185	109,846	433,929	51.185	433,929	-88.2
New York, NY	20	49.078	80.828	20	80.828	-100.0
Norfolk, VA	35,856	314,660	386,996	35,856	386,996	-90.7
Portland, ME	_	130,986	85,806	_	85,806	-
Providence, RI	58,839	65,873	120,495	58,839	120,495	-51.2
St. Albans, VT	20	-	- · · · · -	20	_	<del>-</del>
Southern Total	1,448,693	1,298,697	1,777,095	1,448,693	1,777.095	-18.5
Houston-Galveston, TX	1.836	5,233	525	1.836	525	249.7
Laredo, TX	-	412	-	-	_	<del>-</del>
Miami, FL	23	_	_	23	_	_
Mobile, AL	734,976	389,489	787,444	734,976	787,444	-6.7
New Orleans, LA	26,907	1,847	32,452	26,907	32,452	-17.1
San Juan, PR	434,113	352,283	438,478	434,113	438,478	-1.0
Savannah, GA	· <u>-</u>	· <u>-</u>	5	· <u>-</u>	5	_
Tampa, FL	250,838	549,433	518,191	250,838	518,191	-51.6
Western Total	126,185	260,404	215,584	126,185	215,584	-41.5
Great Falls, MT	2,208	6,423	15,994	2,208	15,994	-86.2
Honolulu, HI	118,081	243,608	178.876	118.081	178,876	-34.0
Los Angeles, CA	_	_	227	_	227	_
Seattle, WA	5,896	10,373	20,487	5,896	20,487	-71.2
Northern Total	252,842	421,527	208,625	252,842	208.625	21.2
Chicago, IL	51	40	123	51	123	-58.5
Detroit, MI	-	119,350	547	-	547	-
Duluth, MN	22,794	13,309	12,742	22,794	12,742	78.9
Minneapolis, MN	_	33	33	_	33	-
Pembina, ND	229,997	288,795	195,180	229,997	195,180	17.8
Total	2,021,840	2,699,843	3,380,777	2.021.840	3,380,777	-40.2

<sup>- =</sup> 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."

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

Continent and Country of Origin	January - March 2012	October - December 2011	January - March 2011	Year to Date		
				2012	2011	Percent Change
North America Total	<b>24,250</b> 24,250	<b>173,986</b> 173,986	<b>3,422</b> 3,401 21	<b>24,250</b> 24,250	<b>3,422</b> 3,401 21	608.6 NM
South America Total Colombia	<b>18,188</b> 18,188	<b>14,967</b> 14,967	<b>48,765</b> 48,765	<b>18,188</b> 18,188	<b>48,765</b> 48,765	<b>-62.7</b> -62.7
Europe Total	320,764 - 48,496 272,268	117,206 - - - - 117,206	<b>236,311</b> 47,006 86,942 41,888 60,475	320,764 - 48,496 272,268	<b>236,311</b> 47,006 86,942 41,888 60,475	35.7 - 15.8 350.2
Asia Total	<b>1,617</b> 1,303 89 225	585 563 21 - 1	43 22 21 -	<b>1,617</b> 1,303 89 225	43 22 21 -	NM NM 323.8
Total	364,819	306,744	288,541	364,819	288,541	26.4

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

Year to Date January -October -January -**Continent and Country** March December 2011 March 2011 of Destination Percent 2012 2012 2011 Change **375.44** 375.44 **323.33** 323.33 **375.44** 375.44 North America Total ..... **230.27** 229.92 **230.27** 229.92 **63.0** 63.3 Canada ..... 287.67 287.67 Mexico.... South America Total ...... **-37.5** -37.5 205.94 292.58 329.48 205.94 329.48 292.58 329.48 205.94 329.48 Europe Total ..... 384.60 386.79 369.96 384.60 369.96 4.0 377.84 330.67 377.84 330.67 Russia.... Ukraine .. 401.89 398.25 401.89 398.25 0.9 United Kingdom..... 381.52 386.79 400.73 381.52 400.73 -4.8 Asia Total..... 1,149.02 806.92 549.26 1,149.02 549.26 109.2 810.05 504.52 555.18 543.05 1,359.00 176.67 555.18 543.05 1,359.00 144.8 Indonesia..... 176.67 -67.5 317.64 317.64 Japan ..... 5,400.00 U.S. Total..... 378.47 347.00 361.49 378.47 361.49 4.7

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."

<sup>- =</sup> No data are reported.

# **Receipts and Prices**

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

Census Division	January - March 2012	October - December 2011	January - March 2011	Year to Date		
				2012	2011	Percent Change
Middle Atlantic	2,768 W	3,171 W W	W 2,661 W 477	W 2,768 W W	W 2,661 W W	W 4.0 W W
U.S. Total	5,070	5,608	5,229	5,070	5,229	-3.0

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	January - March 2012	October - December 2011	January - March 2011	Year to Date		
				2012	2011	Percent Change
Middle Atlantic	W	W	W	W	W	W
East North Central	196.58	205.20	172.80	196.58	172.80	13.8
South Atlantic	W	W	W	W	W	W
East South Central	W	W	161.06	W	W	W
U.S. Total	189.48	192.32	169.29	189.48	169.29	11.9

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	January - March 2012	October - December 2011	January - March 2011	Year to Date		
				2012	2011	Percent Change
Coke Sales	1,991	1,915	1,777	1,991	1,777	12.1
	402.71	438.50	397.45	402.71	397.45	1.3
Breeze SalesAverage Price	152	152	173	152	173	-12.5
	98.57	152.52	176.38	98.57	176.38	-44.1

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	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
New England	. 24	20	23	24	w	W
Maine		W	W	W	W	W
Massachusetts		W	W	W	W	W
Middle Atlantic		705	701	623	701	-11.1
New York		196	174	183	174	4.9
Pennsylvania		510	527	440	527	-16.4
East North Central		2,597	3.119	2,064	3,119	-33.8
Illinois		833	890	769	890	-13.6
Indiana		644	1,202	443	1,202	-63.1
Michigan	. 220	343	229	220	229	-4.1
Ohio		370	433	335	433	-22.6
Wisconsin		408	364	296	364	-18.6
West North Central		3,586	3,108	3,273	3,108	5.3
Iowa		879	622	771	622	24.1
Kansas		W	17	W	W	W
Minnesota	207	385	249	207	249	-16.7
Missouri		117	W	W	W	W
Nebraska	•	326	238	333	238	39.8
North Dakota		W	W	W	W	W
South Dakota	•	W	W	W	W	W
South Atlantic	•	1,678	1,781	1,574	1,781	-11.6
Florida		136	145	102	145	-29.5
Georgia		264	318	240	318	-24.5
Maryland		300	176	251	176	42.3
North Carolina		191	206	158	206	-23.2
South Carolina		222	253	193	253	-24.0
Virginia		338	444	356	444	-20.0
West Virginia		229	238	274	238	15.5
East South Central		1,463	1,304	1,288	1,304	-1.2
Alabama		W. W.	326	314	W W	W
Kentucky		458	W	W	w	w
Mississippi	•	W	w	w	w	W
Tennessee	•	607	676	668	676	-1.3
West South Central		423	414	420	414	1.5
Arkansas		W W	62	W W	W	W
Louisiana		w	W	w	w	w
Oklahoma	•	W	W	145	W	W
Texas		207	229	208	229	-8.9
Mountain		921	757	966	757	27.5
Arizona		145	121	W	121	27.3 W
Colorado	•	W	W	W	W	W
Idaho	•	W	37	100	W	W
		W	W	54	W	W
Montana		64	W	W	W	W
New Mexico	•	W W	W	W	W	W
	•	119	110	99	110	-10.2
Utah		415	380	480	380	-10.2 26.1
Wyoming		510	425	480 <b>407</b>	380 <b>W</b>	20.1 <b>W</b>
Pacific		510	425	<b>40</b> 7	<b>vv</b> 1	vv
Alaska California		426	W	W	W	w
	•	420 W	vv	VV	W	W
Hawaii		W	w	w	W	W W
Oregon		W W	W W	W W	W W	W W
Washington	•			10.640	11.632	-8.5
U.S. Total	. 10,040	11,903	11,632	10,040	11,032	-8.5

<sup>- =</sup> 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	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
New England	167.86	164.39	151.55	167.86	W	W
Maine		W	W	W	W	W
Massachusetts		W	W	W	W	W
Middle Atlantic	97.69	90.61	89.16	97.69	89.16	9.6
New York		110.63	113.11	118.10	113.11	4.4
Pennsylvania		82.29	80.60	88.38	80.60	9.7
East North Central		78.72	72.65	77.59	72.65	6.8
Illinois		51.71	51.06	50.37	51.06	-1.3
Indiana		101.23	75.93	89.30	75.93	17.6
Michigan		92.28	104.92	113.11	104.92	7.8
		83.74	84.27	89.55	84.27	6.3
Ohio						
Wisconsin		82.37	80.45	90.78	80.45	12.8
West North Central		33.38	37.45	33.55	37.45	-10.4
Iowa		49.79	51.52	48.78	51.52	-5.3
Kansas		W	66.29	W	W	W
Minnesota		56.81	61.84	68.13	61.84	10.2
Missouri		49.75	W	W	$\mathbf{W}$	W
Nebraska	30.59	34.02	27.85	30.59	27.85	9.9
North Dakota	W	W	W	W	W	W
South Dakota	W	W	W	W	W	W
South Atlantic	105.70	102.90	97.41	105.70	97.41	8.5
Florida		109.85	105.88	117.46	105.88	10.9
Georgia		115.31	103.74	115.35	103.74	11.2
Maryland		84.62	46.30	81.87	46.30	76.8
North Carolina		106.14	110.93	108.23	110.93	-2.4
South Carolina		106.82	107.48	109.03	107.48	1.4
		100.82	98.09	108.91	98.09	11.0
Virginia		102.15	96.39	106.16	96.39	10.1
West Virginia						
East South Central		93.27	95.41	103.60	95.41	8.6
Alabama		W	94.14	104.02	W	W
Kentucky		89.31	W	W	W	W
Mississippi		W	W	W	W	W
Tennessee		99.42	96.36	103.45	96.36	7.4
West South Central		71.18	76.06	77.86	76.06	2.4
Arkansas		W	93.61	$\mathbf{W}$	W	W
Louisiana	W	W	W	W	$\mathbf{W}$	W
Oklahoma	70.71	W	W	70.71	W	W
Texas	78.73	71.43	78.19	78.73	78.19	0.7
Mountain	. 47.74	46.19	44.11	47.74	44.11	8.2
Arizona		57.42	51.11	W	51.11	W
Colorado		W	W	W	W	W
Idaho		w	43.70	55.28	w	w
Montana		w	¥3.76 W	40.21	w	w
Nevada		43.82	W	40.21 W	W	W
New Mexico		43.62 W	W	W	W	W
			• • • • • • • • • • • • • • • • • • • •			
Utah		61.07	53.40	61.19	53.40	14.6
Wyoming		35.87	33.61	36.34	33.61	8.1
Pacific		86.35	81.98	81.88	W	W
California		83.66	W	W	W	W
Hawaii		W	-	-	W	W
Oregon		W	W	W	$\mathbf{W}$	W
Washington	W	W	W	W	$\mathbf{W}$	W
U.S. Total	. 69.95	68.46	69.17	69.95	69.17	1.1

<sup>-=</sup> 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 28. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code

(Thousand Short Tons)

	January -	October -	January -	Year to Date			
NAICS Code	March 2012	December 2011	March 2011	2012	2011	Percent Change	
311 Food Manufacturing	2,359	2,570	2,286	2,359	2,286	3.2	
312 Beverage and Tobacco Product Mfg	37	48	41	37	41	-9.9	
313 Textile Mills	41	30	58	41	58	-29.2	
315 Apparel Manufacturing	W	W	W	W	W	W	
321 Wood Product Manufacturing	W	W	W	W	W	W	
322 Paper Manufacturing	1,765	2,002	2,181	1,765	2,181	-19.1	
324 Petroleum and Coal Products <sup>1</sup>	56	50	W	56	W	W	
325 Chemical Mfg	2,004	2,037	2,027	2,004	2,027	-1.1	
327 Nonmetallic Mineral Products Mfg	1,919	2,391	1,826	1,919	1,826	5.1	
331 Primary Metal Manufacturing <sup>2</sup>	558	852	1,261	558	1,261	-55.8	
332 Fabricated Metal Product Mfg	W	W	W	W	W	W	
333 Machinery Manufacturing	42	W	24	42	24	71.3	
334 Computer and Electronic Support Product	_	_	W	_	W	_	
336 Transportation Equipment Mfg	37	36	42	37	42	-10.0	
337 Furniture and Related Product Mfg	W	W	W	W	W	W	
339 Miscellaneous Manufacturing	W	W	W	W	W	W	
U.S. Total	10,556	11,820	11,548	10,556	11,548	-8.6	

<sup>&</sup>lt;sup>1</sup> Includes coal gasification projects.

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	January - March 2012	October - December 2011	January - March 2011	Percent Change January - March: 2012 versus 2011
311 Food Manufacturing	50.92	53.16	53.47	-4.8
312 Beverage and Tobacco Product Mfg	123.46	121.29	111.90	10.3
313 Textile Mills	128.42	129.39	112.50	14.2
315 Apparel Manufacturing	W	W	W	W
321 Wood Product Manufacturing	W	W	W	W
322 Paper Manufacturing	90.38	86.19	84.85	6.5
324 Petroleum and Coal Products <sup>1</sup>		105.22	W	W
325 Chemical Mfg	81.76	80.97	79.83	2.4
327 Nonmetallic Mineral Products Mfg		70.49	79.81	-5.6
331 Primary Metal Manufacturing <sup>2</sup>	149.39	123.66	85.41	74.9
332 Fabricated Metal Product Mfg	W	W	W	W
333 Machinery Manufacturing	76.07	W	69.33	9.7
334 Computer and Electronic Support Product Mfg	_	_	W	W
336 Transportation Equipment Mfg	114.70	117.85	103.62	10.7
337 Furniture and Related Product Mfg	W	W	W	W
339 Miscellaneous Manufacturing	W	W	W	W
U.S. Total	69.95	68.46	69.17	1.1

<sup>&</sup>lt;sup>1</sup> Includes coal gasification projects.

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."

<sup>&</sup>lt;sup>2</sup> Excludes coke plants.

<sup>- =</sup> No data are reported.

 $<sup>\</sup>mathbf{W} = \mathbf{Data}$  withheld to avoid disclosure.

<sup>&</sup>lt;sup>2</sup> Excludes coke plants.

<sup>- =</sup> No data are reported.

W = Data withheld to avoid disclosure.

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

Census Division	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
Middle Atlantic	58	48	74	58	74	-20.6
New York	-	_	W	<u>-</u>	W	W
Pennsylvania	58	48	W	58	W	W
East North Central	184	208	300	184	300	-38.8
Illinois	39	44	55	39	55	-28.5
Indiana	57	68	89	57	89	-35.6
Michigan	W	W	W	W	W	W
Ohio	56	55	80	56	80	-30.7
Wisconsin	W	W	W	W	W	W
West North Central	118	101	184	118	184	-35.9
Iowa	64	W	73	64	73	-12.7
Minnesota	W	W	W	W	W	W
Missouri	W	24	W	W	W	W
North Dakota	29	25	41	29	41	-28.2
South Dakota	_	_	_	_	_	_
South Atlantic	51	66	103	51	103	-51.0
District of Columbia	W	_	_	W	_	_
Georgia	W	W	W	W	W	W
Maryland	_	_	W	_	W	W
North Carolina		46	60	34	60	-43.8
South Carolina	_	_	_	_	_	_
Virginia	W	W	W	W	W	W
East South Central	29	34	$\mathbf{W}$	29	W	$\mathbf{W}$
Kentucky	14	W	W	14	W	W
Tennessee	15	W	24	15	24	-37.2
West South Central	W	W	W	W	W	W
Texas	W	W	W	W	W	W
Mountain	W	W	88	W	88	W
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
Pacific	172	217	175	172	175	-1.4
Alaska	172	217	175	172	175	-1.4
U.S. Total	634	690	970	634	970	-34.6

<sup>- =</sup> 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	January - March	October -	January - March		Year to Date	
and State	2012	December 2011	2011	2012	2011	Percent Change
Middle Atlantic	159.08	152.44	122.53	159.08	122.53	29.8
New York	_	_	W	_	W	_
Pennsylvania	159.08	152.44	W	159.08	W	W
East North Central	100.24	100.33	98.50	100.24	98.50	1.8
Illinois	69.97	64.43	62.70	69.97	62.70	11.6
Indiana	74.32	83.26	80.02	74.32	80.02	-7.1
Michigan	W	W	W	W	W	W
Ohio	134.60	131.76	119.08	134.60	119.08	13.0
Wisconsin	W	W	W	W	W	W
West North Central	81.67	81.49	73.36	81.67	73.36	11.3
Iowa	101.86	W	98.93	101.86	98.93	3.0
Minnesota	W	W	W	W	W	W
Missouri	W	64.54	W	W	W	W
North Dakota	50.19	47.73	47.25	50.19	47.25	6.2
South Dakota	_	_	_	_	_	_
South Atlantic	134.04	128.53	127.78	134.04	127.78	4.9
District of Columbia	W	<b>-</b>	_	W	· <del>-</del>	W
Georgia	W	W	W	W	W	W
Maryland	_	_	W	<u>-</u>	W	_
North Carolina	138.80	133.48	123.80	138.80	123.80	12.1
South Carolina	-	_	_	_	_	_
Virginia	W	W	W	W	W	W
East South Central	120.47	113.84	W	120.47	W	W
Kentucky	115.75	W	W	115.75	W	W
Tennessee	124.91	W	116.02	124.91	116.02	7.7
West South Central	W	W	W	W	W	W
Texas	W	W	W	W	W	W
Mountain	w	w	93.78	W	93.78	W
Colorado	W	W	W	W	W	W
Idaho	W	W	W	W	W	W
Montana	W	· <u>·</u>	W	W	W	W
Wyoming	w	W	w	w	w	w
Pacific	57.66	57.16	56.11	57.66	56.11	2.8
Alaska	57.66	57.16	56.11	57.66	56.11	2.8
U.S. Total	94.91	90.85	91.44	94.91	91.44	3.8

<sup>- =</sup> 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, 2006-2012 (Thousand Short Tons)

Year and	Electric Power	Coke		Other Industrial			Commercial an Institutional	ıd	Total
Quarter	Sector <sup>1</sup>	Plants	CHP <sup>2</sup>	Non- CHP <sup>3</sup>	Total	CHP <sup>4</sup>	Non- CHP <sup>5</sup>	Total	Totai
2006									
Total	1,026,636	22,957	25,262	34,210	59,472	1,886	1,341	3,227	1,112,292
2007									
Total	1,045,141	22,715	22,537	34,078	56,615	1,927	1,599	3,526	1,127,998
2008									
Total	1,040,580	22,070	21,902	32,491	54,393	2,021	1,485	3,506	1,120,548
2009									
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
Total	933,627	15,326	19,766	25,549	45,314	1,798	1,412	3,210	997,478
2010									
January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,939
April - June	229,469	5,353	6,128	5,786	11,914	370	238	608	247,344
July - September	267,943	5,491	6,257	6,027	12,284	426	216	642	286,361
October - December	231,195	5,391	6,057	6,432	12,490	414	379	793	249,870
Total	975,052	21,092	24,638	24,650	49,289	1,720	1,361	3,081	1,048,514
2011									
January - March	234,847	5,188	6,451	6,058	12,510	500	516	1,016	253,561
April - June	223,540	5,392	5,949	5,113	11,062	375	262	638	240,631
July - September	261,534	5,407	6,491	4,703	11,194	380	143	523	278,658
October - December	208,637	5,447	5,842	5,727	11,569	378	222	600	226,253
Total	928,558	21,434	24,733	21,601	46,334	1,633	1,143	2,777	999,103
2012									
January - March	189,893	5,283	5,914	5,130	11,044	422	260	682	206,902
Total	189,893	5,283	5,914	5,130	11,044	422	260	682	206,902
2011 January - March	234,847	5,188	6,451	6.058	12,510	500	516	1,016	253,561
2010 January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,939
2010 January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,93

<sup>&</sup>lt;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>&</sup>lt;sup>5</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>&</sup>lt;sup>3</sup> All industrial sector fuel use other than in "Coke Plants" and "Industrial CHP."

<sup>&</sup>lt;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>&</sup>lt;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-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)

(Thousand Dho	11 10113)						
Census Division	January -	October -	tober - January - cember March	Year to Date			
Census Division	March 2012	2011	2011	2012	2011	Percent Change	
Middle Atlantic	3,064 W	3,022 W W	W 2,759 W 503	3,064 W W	2,759 W W	W 11.1 W W	
U.S. Total	5,283	5,447	5,188	5,283	5,188	1.8	

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	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
New England	28	18	31	28	W	W
Maine	W	W	W	W	W	W
Massachusetts		W	W	W	W	W
Middle Atlantic		665	721	592	721	-17.9
New York		186	179	168	179	-6.0
Pennsylvania		479	542	424	542	-21.8
East North Central		2,542	3,334	2,359	3,334	-29.2
Illinois		839	918	810	918	-11.7
		648	,	533	1.275	-58.2
Indiana			1,275			
Michigan		305	288	278	288	-3.4
Ohio		368	420	364	420	-13.5
Wisconsin		383	432	373	432	-13.5
West North Central		3,477	3,589	3,518	3,589	-2.0
Iowa		839	925	886	925	-4.2
Kansas	W	33	13	W	W	W
Minnesota	328	349	378	328	378	-13.1
Missouri		121	W	W	W	W
Nebraska		290	256	317	256	23.5
North Dakota		W	W	W	W	W W
South Dakota		w	W	w	W	W
South Atlantic		1,604	1,774	1,586	1,774	-10.6
Florida		101	137	114	137	-17.0
Georgia		292	312	241	312	-22.9
Maryland		283	173	252	173	45.4
North Carolina		179	217	176	217	-18.9
South Carolina	205	200	253	205	253	-18.7
Virginia	352	308	436	352	436	-19.1
West Virginia	247	239	246	247	246	*
East South Central		1,420	1,319	1,254	1,319	-4.9
Alabama		W	347	306	W	W
Kentucky		464	W	W	282	W
Mississippi		W	w	w	W	w
Tennessee		608	661	645	661	-2.3
		436	484	437	484	-2.3 - <b>9.7</b>
West South Central						-9.7 W
Arkansas		60	77	W	77	
Louisiana		W	W	W	W	W
Oklahoma		W	W	148	W	W
Texas		213	244	201	244	-17.8
Mountain		935	847	843	847	-0.4
Arizona	110	132	120	110	$\mathbf{W}$	W
Colorado	W	W	W	W	W	W
Idaho	93	143	130	93	130	-28.6
Montana	44	W	W	44	W	W
Nevada		W	W	W	44	W
New Mexico		W	W	W	W	W
Utah		110	74	92	74	25.5
		432	420	436	420	3.8
Wyoming		432 473			<b>W</b>	3.8 <b>W</b>
Pacific			411	426		w
Alaska		1	1	1	1	_
California		399	354	362	354	2.5
Hawaii		W	W	W	W	W
Oregon		W	W	W	W	W
Washington		W	W	W	W	W
U.S. Total	11.044	11,569	12,510	11,044	12,510	-11.7

<sup>\*</sup> Absolute percentage less than 0.05.

<sup>-=</sup> 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)

	January -	October -	January -	Year to Date			
NAICS Code	March 2012	December 2011	March 2011	2012	2011	Percent Change	
311 Food Manufacturing	2,479	2,541	2,684	2,479	2,684	-7.6	
312 Beverage and Tobacco Product Mfg	47	44	42	47	42	11.7	
313 Textile Mills	38	30	51	38	51	-26.0	
315 Apparel Manufacturing	W	W	W	W	W	W	
321 Wood Product Manufacturing	W	W	W	W	W	W	
322 Paper Manufacturing	1,900	1,943	2,289	1,900	2,289	-17.0	
324 Petroleum and Coal Products <sup>1</sup>	68	59	W	68	W	W	
325 Chemical Mfg	1,992	1,974	2,135	1,992	2,135	-6.7	
327 Nonmetallic Mineral Products Mfg	1,868	2,257	1,857	1,868	1,857	0.6	
331 Primary Metal Manufacturing <sup>2</sup>	728	818	1,436	728	1,436	-49.3	
332 Fabricated Metal Product Mfg	W	W	W	W	W	W	
333 Machinery Manufacturing	37	W	42	37	42	-13.3	
334 Computer and Electronic Support Product	_	_	W	_	W	_	
336 Transportation Equipment Mfg	42	31	49	42	49	-14.3	
337 Furniture and Related Product Mfg	W	W	W	W	W	W	
339 Miscellaneous Manufacturing	W	W	W	W	W	W	
U.S. Total	10,960	11,486	12,426	10,960	12,426	-11.8	

<sup>&</sup>lt;sup>1</sup> Includes coal gasification projects.

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."

<sup>&</sup>lt;sup>2</sup> Excludes coke plants.

<sup>- =</sup> No data are reported.

W = Data withheld to avoid disclosure.

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

Census Division	January -	October -	January -		Year to Date	
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change
Middle Atlantic	59	46	76	59	76	-21.8
New York	_	_	W	_	W	W
Pennsylvania	59	46	W	59	W	W
East North Central	204	165	337	204	337	-39.5
Illinois	37	38	52	37	52	-28.7
Indiana		59	87	63	87	-28.0
Michigan		W	W	W	W	W
Ohio		44	95	67	95	-29.0
Wisconsin		W	W	W	W	W
West North Central		104	189	120	189	-36.6
Iowa		W	76	63	76	-17.1
Minnesota		2	W	W	W	W
Missouri		24	W	W	W	W
North Dakota		W	38	30	38	-19.9
South Dakota	W	W	W	W	W	W
South Atlantic	67	59	108	67	108	-38.4
District of Columbia	W	W	W	W	W	W
Georgia		W	W	W	W	W
Maryland		-	W	·-	W	W
North Carolina		35	60	40	60	-33.4
South Carolina		_	_	W	-	_
Virginia		W	38	w	38	W
East South Central	31	31	W	31	W	w
Kentucky		W	W	14	W	W
Tennessee		W	25	17	25	-34.1
West South Central	W	W	W	W	W	W
Texas		W	W	w	W	W
Mountain	w	w	87	w	87	w
Colorado	W	W	W	W	W	W
Idaho		W	W	W	W	W
Montana		W	W	W	W	W
Wyoming	***	w	w	w	w	w
Pacific	180	175	171	180	171	5.3
Alaska		175	171	180	171	5.3
U.S. Total	682	600	1.016	682	1.016	-32.9

<sup>- =</sup> 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, 2006-2012 (Thousand Short Tons)

			Coal Consumers				
Last Day of Quarter	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial <sup>2</sup>	Commercial and Institutional Users	Total	- Coal Producers and Distributors	Total
2006							
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
2007							
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
2008							
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
2009							
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
2010							
March 31	177,742	1,583	4,175	471	183,970	50,936	234,906
June 30	181,490	1,978	4,272	505	188,244	51,497	239,741
September 30	163,776	1,889	4,492	517	170,674	49,913	220,587
December 31	174,917	1,925	4,525	552	181,920	49,820	231,740
2011							
March 31	166,737	1,959	3,864	503	173,063	44,336	217,399
June 30	165,707	1,956	4,196	494	172,353	45,398	217,751
September 30	144,438	2,405	4,259	506	151,608	43,763	195,371
December 31	175,100	2,610	4,471	588	182,767	41,917	224,684
2012							
March 31	196,391	2,300	3,807	537	203,036	41.478 <sup>E</sup>	244.514
Match 31	190,391	2,300	3,007	331	203,030	41,470	244,312

<sup>&</sup>lt;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.

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."

<sup>&</sup>lt;sup>2</sup> Manufacturing plants only.

Estimated

<sup>- =</sup> No data are reported.

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

Census Division	March 31, 2012	December 31, 2011	March 31, 2011	Percent Change March 31, 2012 versus 2011
Middle Atlantic	1,292 W	W 1,681 W W	W 1,003 W W	W 28.8 W W
U.S. Total	2,300	2,610	1,959	17.4

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	March 31, 2012	December 31, 2011	March 31, 2011	Percent Change March 31, 2012 versus 2011
New England	16	20	W	W
Maine	W	W	W	W
Massachusetts	W	W	W	W
Middle Atlantic	286	256	247	15.7
New York	117	102	107	9.1
Pennsylvania	169	154	140	20.8
East North Central	558	873	900	-38.0
Illinois	123	166	147	-16.2
Indiana	165	257	370	-55.4
Michigan	119	203	168	-28.9
Ohio	74	104	80	-8.1
Wisconsin	77	143	135	-43.0
West North Central	776	975	<b>764</b>	1.5
Iowa	275	349	360	-23.8
			W	
Kansas	W	W 247		W
Minnesota	124	247	105	17.6
Missouri	56	62	66	-15.7
Nebraska	114	97	59	92.7
North Dakota	133	163	104	28.5
South Dakota	W	W	W	W
South Atlantic	637	708	672	-5.1
Florida	79	91	146	-45.8
Georgia	155	133	141	10.0
Maryland	60	62	33	78.4
North Carolina	25	42	27	-7.4
South Carolina	152	167	138	10.2
Virginia	86	161	131	-34.3
West Virginia	80	52	55	45.2
East South Central	334	432	262	27.4
Alabama	129	255	92	40.5
Kentucky	W	W 233	W	40.3 W
	W	W	W	W
Mississippi				
Tennessee	137	115	124	10.7
West South Central	337	348	379	-11.1
Arkansas	38	43	39	-0.8
Louisiana	W	W	W	W
Oklahoma	W	W	W	W
Texas	117	112	113	3.3
Mountain	616	609	408	50.8
Arizona	113	98	70	60.6
Colorado	W	W	W	W
Idaho	260	253	155	68.0
Montana	W	W	W	W
Nevada	W	W	W	W
New Mexico	W	w	w	W
Utah	58	52	61	-4.1
Wyoming	99	53	71	40.0
Pacific	247	248	W	<b>W</b>
California	W	152	143	W
	W W	W	W	W W
Hawaii				**
Oregon	W	W	W	W
Washington	W	W	W 2.064	W
U.S. Total	3,807	4,471	3,864	-1.5

 $W = Data \ withheld \ to \ avoid \ disclosure.$ 

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	March 31, 2012	December 31, 2011	March 31, 2011	Percent Change March 31, 2012 versus 2011
311 Food Manufacturing	864	955	753	14.7
312 Beverage and Tobacco Product Mfg		25	18	-22.5
313 Textile Mills	24	22	25	-0.6
315 Apparel Manufacturing	W	W	W	W
321 Wood Product Manufacturing	W	W	W	W
322 Paper Manufacturing	661	761	704	-6.1
324 Petroleum and Coal Products <sup>1</sup>		73	W	W
325 Chemical Mfg	573	634	584	-1.9
327 Nonmetallic Mineral Products Mfg	1,042	1,241	1,065	-2.1
331 Primary Metal Manufacturing <sup>2</sup>		507	521	-36.6
332 Fabricated Metal Product Mfg	W	W	W	W
333 Machinery Manufacturing	36	W	23	55.0
334 Computer and Electronic Support Product Mfg	_	_	W	_
336 Transportation Equipment Mfg	26	31	27	-1.2
337 Furniture and Related Product Mfg	W	W	W	W
339 Miscellaneous Manufacturing	W	W	W	W
U.S. Total	3,807	4,471	3,864	-1.5

<sup>&</sup>lt;sup>1</sup> Includes coal gasification projects.

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)

(Thousand Short Tons)				
Census Division	March 31, 2012	December 31, 2011	March 31, 2011	Percent Change March 31, 2012 versus 2011
Middle Atlantic	514 W	W 571 W W	W 500 W W	W 2.7 W W
U.S. Total	712	807	732	-2.7
Coke Total	636	745	648	-1.8
Breeze Total	76	62	84	-9.5

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."

<sup>&</sup>lt;sup>2</sup> Excludes coke plants.

<sup>- =</sup> No data are reported.

W = Data withheld to avoid disclosure.

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

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

Census Division and State	March 31, 2012	December 31, 2011	March 31, 2011	Percent Change March 31, 2012 versus 2011
Middle Atlantic	47	46	43	8.2
New York	_	_	_	_
Pennsylvania	47	46	43	8.2
East North Central	207	229	182	14.0
Illinois	43	42	40	5.5
Indiana	W	W	W	W
Michigan	W	W	W	W
Ohio	24	36	14	68.1
Wisconsin	3	5	7	-55.5
West North Central	95	97	90	4.7
Iowa	W	W	W	W
Minnesota	W	W	W	W
Missouri	4	4	3	51.8
North Dakota	w	10	w	W
South Dakota	· <u>·</u>	w	w	W
South Atlantic	60	76	68	-11.9
District of Columbia	W	w	W	W
Georgia	w	w	w	w
Maryland	<u>'-</u>	<u>''</u>	w	w
North Carolina	31	37	25	25.2
South Carolina	W	W	W	W
Virginia	W	35	21	W
East South Central	21	25	22	-2'8
Kentucky	W	10	15	-2.6 W
Tennessee	W	19	15	W
West South Central	VV VV	VX/	W.	VV VX/
_	vv vv	W	VV XV	VV VV
Texas	vv 3	VV VX7	VV XX/	VV VX7
Mountain	W	W	W	W
Idaho	W	W	W	W
Montana	W	w	W	w
Wyoming	w	w	w	w
Pacific	w	w	w	w
Alaska	w	w	w	w
U.S. Total	537	588	503	6.8

<sup>- =</sup> 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	January -	October -	January -	Year to Date			
and State <sup>1</sup>	March 2012	December 2011	March 2011	2012	2011	Percent Change	
New England	12.212	12.025	12.162	12.212	12.162	1.1	
Btu Sulfur		13,035 0.68	13,162 0.69	13,313 0.69	13,162 0.69	1.1 0.9	
Ash		6.33	6.19	6.13	6.19	-0.9	
Maine	***	***	***	***	***	***	
Btu Sulfur		W W	W W	W W	W W	W W	
Ash		W	W	W	w	W	
Massachusetts	12.400	10.165	10.415	12 100	10.415	0.7	
Btu Sulfur		13,167 0.64	13,417 0.63	13,480 0.67	13,417 0.63	0.5 5.6	
Ash		6.16	5.38	5.96	5.38	10.7	
Middle Atlantic							
Btu Sulfur		12,589 1.23	12,616 1.14	3,466 1.30	12,616 1.14	-72.5 14.0	
Ash		9.18	8.45	9.48	8.45	12.2	
New York							
Btu		12,849	13,015	10,125	13,015	-22.2	
Sulfur Ash		1.50 8.24	1.57 8.38	1.48 8.02	1.57 8.38	-5.6 -4.3	
Pennsylvania	0.02	0.24	0.30	0.02	0.50	-4.5	
Btu		12,552	12,571	2,592	12,571	-79.4	
Sulfur		1.19	1.09	1.28	1.09	16.8	
Ash East North Central	9.67	9.32	8.46	9.67	8.46	14.3	
Btu	4,957	12,494	12,285	4,957	12,285	-59.7	
Sulfur		1.17	1.41	1.28	1.41	-8.8	
AshIllinois	7.33	7.24	7.56	7.33	7.56	-3.0	
Btu	7,131	11,254	11,286	7,131	11,286	-36.8	
Sulfur		1.69	1.69	2.00	1.69	18.2	
Ash	7.56	7.23	6.99	7.56	6.99	8.2	
Indiana Btu	2,951	13,148	12,643	2,951	12,643	-76.7	
Sulfur		0.95	1.41	0.92	1.41	-34.7	
Ash	7.30	7.10	8.24	7.30	8.24	-11.4	
Michigan	11.561	12 (01	12.002	11.561	12.002	11.0	
Btu Sulfur		12,601 0.76	12,992 0.81	11,561 0.79	12,992 0.81	-11.0 -1.4	
Ash		7.51	7.08	7.11	7.08	0.4	
Ohio	2 224	12.065	12.005	2 224	12 005	74.1	
Btu Sulfur		12,965 1.19	12,895 1.28	3,334 1.23	12,895 1.28	-74.1 -3.9	
Ash		7.21	6.93	7.27	6.93	4.9	
Wisconsin				40.00			
Btu Sulfur		11,208 1.48	10,921 1.37	10,885 1.42	10,921 1.37	-0.3 3.4	
Ash		7.52	7.41	7.09	7.41	-4.3	
West North Central							
Btu		8,503	8,376	8,238	8,376	-1.6	
SulfurAsh		0.95 6.40	1.08 6.38	0.80 6.08	1.08 6.38	-25.6 -4.7	
Iowa	0.00	0.10	0.50	0.00	0.50	1.7	
Btu		9,907	9,826	9,147	9,826	-6.9	
Sulfur Ash		1.44 6.50	1.96 7.17	0.66 5.28	1.96 7.17	-66.4 -26.4	
Kansas	3.20	0.50	7.17	3.20	7.17	-20.4	
Btu		12,173	11,583	11,781	11,583	1.7	
Sulfur		1.76	2.49	2.87	2.49	15.3	
Ash Minnesota	13.88	10.66	13.57	13.88	13.57	2.3	
Btu	9,859	9,550	9,874	9,859	9,874	-0.1	
Sulfur		0.36	0.41	0.42	0.41	2.2	
Ash Missouri	4.92	5.12	4.98	4.92	4.98	-1.1	
Btu	11,301	11,362	11,331	11,301	11,331	-0.3	
Sulfur		1.78	2.25	2.17	2.25	-3.9	
Ash Nebraska	9.08	10.07	7.79	9.08	7.79	16.5	
Btu	8,963	9,120	8,802	8,963	8,802	1.8	
Sulfur		0.25	0.23	0.24	0.23	4.4	
Ash	4.90	5.49	4.60	4.90	4.60	6.6	
North Dakota	7,190	7,235	7,239	7,190	7,239	-0.7	
Btu Sulfur		0.91	0.85	0.89	0.85	-0.7 4.3	
Ash		6.48	6.36	6.46	6.36	1.5	

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	January -	October -	January -	Year to Date			
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change	
South Dakota Btu	8,321	8,299	8,255	8,321	8,255	0.8	
Sulfur	0.55	0.64	0.40	0.55	0.40	37.5	
Ash South Atlantic	6.83	6.52	4.67	6.83	4.67	46.2	
Btu		12,665	12,854	9,397	12,854	-26.9	
Sulfur Ash		1.15 9.77	1.18 9.06	1.13 9.99	1.18 9.06	-3.7 10.3	
Florida			12.052	12.000	10.050		
Btu Sulfur		12,730 1.10	12,872 0.97	13,099 0.95	12,872 0.97	1.8 -2.3	
Ash		10.01	8.79	9.68	8.79	10.1	
Georgia Btu	12,792	12.723	12.704	12,792	12.704	0.7	
Sulfur	0.97	1.03	1.19	0.97	1.19	-18.1	
Ash Maryland	8.77	8.95	8.88	8.77	8.88	-1.2	
Btu		11,681	11,908	11,475	11,908	-3.6	
SulfurAsh		1.71 18.56	2.13 18.53	1.48 20.48	2.13 18.53	-30.7 10.6	
North Carolina							
Btu Sulfur		12,857 1.06	12,954 0.95	13,008 1.03	12,954 0.95	0.4 9.0	
Ash		8.12	7.06	7.03	7.06	-0.4	
South Carolina Btu	12,575	12,733	12,812	12,575	12,812	-1.9	
Sulfur	1.23	1.16	1.22	1.23	1.22	1.1	
AshVirginia	8.78	8.70	8.39	8.78	8.39	4.6	
Btu	7,505	12,916	13,158	7,505	13,158	-43.0	
Sulfur		1.00 7.80	1.11 8.33	1.13 8.02	1.11 8.33	2.0 -3.7	
Ash West Virginia	8.02	7.60	6.33	8.02	6.55	-3.7	
Btu		12,769	12,825	6,040	12,825	-52.9 -0.4	
Sulfur Ash		1.10 8.66	1.07 8.29	1.07 9.32	1.07 8.29	12.4	
East South Central	10.073	12.699	12.965	10.073	12,965	-22.3	
Btu Sulfur	-,	12,099	1.08	1.12	1.08	3.1	
Ash	7.71	7.46	7.55	7.71	7.55	2.1	
Alabama Btu	5,957	12,368	12,936	5,957	12,936	-54.0	
Sulfur	1.04	0.93	1.02	1.04	1.02	2.0	
AshKentucky	7.62	6.93	8.09	7.62	8.09	-5.8	
Btu		13,004	12,966	12,973	12,966	*	
Sulfur Ash		1.02 7.06	0.93 6.25	0.96 6.63	0.93 6.25	3.8 6.1	
Mississippi		***				***	
Btu Sulfur		W W	W W	W W	W W	W W	
Ash		W	W	W	W	W	
Tennessee Btu	12.938	12.927	13.048	12.938	13.048	-0.8	
Sulfur	1.20	1.14	1.20	1.20	1.20	0.2	
Ash West South Central	8.22	8.39	7.80	8.22	7.80	5.4	
Btu		9,942	10,321	10,400	10,321	0.8	
Sulfur Ash	2.12.1	0.66 9.24	0.72 9.31	0.68 8.86	0.72 9.31	-4.7 -4.8	
Arkansas							
Btu Sulfur		11,770 1.06	12,295 0.94	12,094 1.11	12,295 0.94	-1.6 17.8	
Ash		10.27	10.68	8.59	10.68	-19.6	
Louisiana Btu	11,548	11,441	7,591	11,548	7,591	52.1	
Sulfur	1.25	1.18	1.05	1.25	1.05	19.3	
AshOklahoma	6.14	6.66	10.93	6.14	10.93	-43.8	
Btu		9,385	9,445	9,807	9,445	3.8	
SulfurAsh		0.38 5.24	0.34 4.84	0.38 5.60	0.34 4.84	12.8 15.7	
Texas							
Btu Sulfur		9,759 0.74	10,409 0.81	10,299 0.75	10,409 0.81	-1.1 -6.8	
Ash		11.88	10.87	11.33	10.87	-0.8 4.2	

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	January -	October -	January -	Year to Date			
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change	
Mountain							
Btu	10,110	9,653	10,219	10,110	10,219	-1.1	
Sulfur	0.66	0.66	0.67	0.66	0.67	-1.2	
AshArizona	6.96	7.13	7.94	6.96	7.94	-12.4	
Btu	10,320	9,637	9.884	10.320	9.884	4.4	
Sulfur	0.73	0.72	0.89	0.73	0.89	-17.7	
Ash	12.42	12.65	14.57	12.42	14.57	-14.8	
Colorado	12.12	12.00	1 1.07	122	1 1107	1	
Btu	11,060	12,294	11,254	11,060	11,254	-1.7	
Sulfur	0.42	0.49	0.48	0.42	0.48	-11.9	
Ash	8.71	9.09	10.11	8.71	10.11	-13.9	
Idaho							
Btu	10,099	10,031	10,111	10,099	10,111	-0.1	
Sulfur	0.81	0.86	0.83	0.81	0.83	-3.1	
Ash	5.55	5.13	6.92	5.55	6.92	-19.8	
Montana	0.200	7.107	7.000	0.200	7.000	10.0	
Btu	8,398	7,197	7,003	8,398	7,003	19.9	
SulfurAsh	0.40 5.90	0.57 7.57	0.44 9.06	0.40 5.90	0.44 9.06	-9.7 -34.9	
Nevada	3.90	1.31	9.00	3.90	9.00	-34.9	
Btu	11.095	5,777	11.469	11.095	11.469	-3.3	
Sulfur	0.38	0.23	0.36	0.38	0.36	7.8	
Ash	9.60	5.14	8.23	9.60	8.23	16.7	
New Mexico	,,,,,	J.1.	0.25	7.00	0.25	10.7	
Btu	W	W	W	W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	W	W	W	W	W	W	
Utah							
Btu	11,505	11,527	11,555	11,505	11,555	-0.4	
Sulfur	0.54	0.54	0.55	0.54	0.55	-2.2	
Ash	9.59	9.38	8.45	9.59	8.45	13.5	
Wyoming	0.766	0.701	0.040	0.766	0.040	0.0	
Btu	9,766	9,721	9,849	9,766	9,849	-0.8	
SulfurAsh	0.71 4.78	0.71 5.15	0.69 5.40	0.71 4.78	0.69 5.40	3.1 -11.5	
Pacific	4.76	3.13	5.40	4.76	5.40	-11.3	
Btu	11.469	11.467	11.492	11.469	11.492	-0.2	
Sulfur	0.52	0.54	0.47	0.52	0.47	10.7	
Ash	10.18	10.30	9.74	10.18	9.74	4.5	
California							
Btu	11,639	11,591	11,627	11,639	11,627	*	
Sulfur	0.54	0.55	0.48	0.54	0.48	12.3	
Ash	10.70	10.78	10.15	10.70	10.15	5.4	
Hawaii							
Btu	W	W	-	W	-	_	
Sulfur	W	W	-	W	-	-	
Ash	W	W	-	W	-	-	
Oregon	W	W	W	W	W	w	
Btu Sulfur	W	W	W	W	W	W	
Ash	W	W	W	W	W	W	
Washington	VV	vv	YV.	**	**	VV	
Btu	W	W	W	W	W	W	
Sulfur	w	w	w	w	w	w	
Ash	W	W	W	W	W	W	
U.S. Total							
Btu	7,223	11,487	11,594	7,223	11,594	-37.7	
Sulfur	1.07	1.06	1.17	1.07	1.17	-8.4	
Ash	7.83	7.78	7.78	7.83	7.78	0.6	

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

<sup>\*</sup> Absolute percentage less than 0.05.

<sup>- =</sup> No data are reported.

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

Conque Division	January -	October -	January -	Year to Date			
Census Division and State <sup>1</sup>	March 2012	December 2011	March 2011	2012	2011	Percent Change	
Middle Atlantic							
Btu Sulfur	12,837 0.96	12,727 0.98	12,713 0.98	12,837 0.96	12,713 0.98	1.0 -2.2	
Ash	8.63	8.67	8.68	8.63	8.68	-0.6	
New York	0.03	0.07	0.00	0.03	0.00	-0.0	
Btu	-	-	W	_	W	W	
Sulfur	-	-	W	-	W	W	
Ash	=	=	W	=	W	W	
Pennsylvania Btu	12,837	12,727	W	12,837	W	W	
Sulfur	0.96	0.98	w	0.96	w	w	
Ash	8.63	8.67	W	8.63	W	W	
East North Central							
Btu	12,093	12,225	12,309	12,093	12,309	-1.8	
Sulfur	1.91 8.46	1.85 8.69	1.74 8.21	1.91 8.46	1.74 8.21	9.8 3.1	
AshIllinois	6.40	8.09	8.21	6.40	0.21	5.1	
Btu	11,159	11,156	11,078	11,159	11,078	0.7	
Sulfur	3.30	3.27	3.25	3.30	3.25	1.7	
Ash	9.95	9.88	9.58	9.95	9.58	3.9	
Indiana							
Btu	11,202	11,487	11,407	11,202	11,407	-1.8	
Sulfur Ash	1.83 8.90	1.90 8.58	1.83 8.75	1.83 8.90	1.83 8.75	0.2 1.7	
Michigan	6.90	0.50	6.75	6.50	0.75	1.7	
Btu	W	W	W	W	W	W	
Sulfur	$\mathbf{W}$	W	W	W	W	W	
Ash	W	W	W	W	W	W	
Ohio	12 270	12 272	12 270	12 270	12 270	*	
Btu Sulfur	13,370 1.16	13,373 1.26	13,379 1.19	13,370 1.16	13,379 1.19	-2.3	
Ash	7.14	7.12	6.79	7.14	6.79	5.1	
Wisconsin		=	****		****	***	
Btu	W	W	W	W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	W	W	W	W	W	W	
West North Central Btu	10,715	10,681	10,391	10,715	10,391	3.1	
Sulfur	1.97	2.01	1.67	1.97	1.67	18.3	
Ash	8.61	8.75	7.50	8.61	7.50	14.8	
Iowa							
Btu	11,457	W	11,555	11,457	11,555	-0.8	
Sulfur	2.36	W	2.30	2.36	2.30	2.5	
Ash Minnesota	8.32	W	8.08	8.32	8.08	3.0	
Btu	W	W	W	W	W	W	
Sulfur	w	w	W	w	w	w	
Ash	W	W	W	W	W	W	
Missouri							
Btu	W	11,369	W	W	W	W	
Sulfur	W	2.71	W W	W	W W	W W	
Ash North Dakota	W	8.76	W	W	W	W	
Btu	8,634	8,553	8,494	8,634	8,494	1.6	
Sulfur	0.59	0.65	0.58	0.59	0.58	1.3	
Ash	9.45	9.56	8.17	9.45	8.17	15.6	
South Atlantic							
Btu	13,274	13,344	13,313	13,274	13,313	-0.3	
SulfurAsh	1.15 8.45	1.33 8.52	1.07 7.78	1.15 8.45	1.07 7.78	7.0 8.6	
District of Columbia	0.43	0.52	7.76	0.43	7.76	0.0	
Btu	W	_	_	W	_	_	
Sulfur	W	=	=	W	_	_	
Ash	W	-	-	W	-	-	
Georgia	***	***	***	***	** 7	***	
Btu Sulfur	W W	W W	W W	W W	W W	W W	
Ash	W W	W W	W W	W W	W W	W W	
Maryland	**	**	**	**	***	**	
Btu	-	-	W	-	W	W	
Sulfur	-	_	W	-	W	W	
Ash	-	-	W	-	W	W	
North Carolina						0.7	
	12 252	12 260	12 252				
Btu	13,253 1.11	13,368 1.38	13,352 1.09	13,253 1.11	13,352 1.09	-0.7 1.0	

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	January -	October -	January -	Year to Date			
and State	March 2012	December 2011	March 2011	2012	2011	Percent Change	
Virginia							
Btu	W	W	W	W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	W	$\mathbf{W}$	W	W	W	W	
East South Central							
Btu	13,193	13,153	W	13,193	W	W	
Sulfur	0.89	0.92	W	0.89	W	W	
Ash	6.66	7.12	W	6.66	W	W	
Kentucky							
Btu	13,677	W	W	13,677	W	W	
Sulfur	0.80	W	W	0.80	W	W	
Ash	5.93	W	W	5.93	W	W	
Tennessee							
Btu	12.738	W	12,790	12,738	12,790	-0.4	
Sulfur	0.99	W	1.05	0.99	1.05	-5.6	
Ash	7.35	W	7.77	7.35	7.77	-5.4	
West South Central	7.00		,.,,	7.55	,,,,		
Btu	W	W	W	W	W	W	
Sulfur	w	w	w	w	w	w	
Ash	W	W	W	W	W	W	
	VV	VV	vv	vv	vv	vv	
Texas	W	***	W	***	***	***	
Btu		W		W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	W	W	W	W	W	W	
Mountain							
Btu	W	W	11,330	W	11,330	W	
Sulfur	W	W	0.46	W	0.46	W	
Ash	W	W	9.66	W	9.66	W	
Colorado							
Btu	W	W	W	W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	W	W	W	W	W	W	
Idaho							
Btu	W	W	W	W	W	W	
Sulfur	W	W	W	W	W	W	
Ash	w	w	w	w	w	w	
Montana	**	**	**	**	**	**	
Btu	W	_	W	W	W	W	
Sulfur	w		w	w	w	w	
Ash	w		W	W	W	w	
Wyoming	VV	_	vv	VV	VV	VV	
	W	W	W	W	W	W	
Btu	W	W	W		W		
Sulfur				W		W	
Ash	W	W	W	W	W	W	
Pacific	7.555	· · ·	7.020	7.555	<b>7</b> .020	2.5	
Btu	7,565	7,541	7,839	7,565	7,839	-3.5	
Sulfur	0.18	0.19	0.20	0.18	0.20	-7.2	
Ash	9.60	9.40	8.28	9.60	8.28	15.9	
Alaska							
Btu	7,565	7,541	7,839	7,565	7,839	-3.5	
Sulfur	0.18	0.19	0.20	0.18	0.20	-7.2	
Ash	9.60	9.40	8.28	9.60	8.28	15.9	
U.S. Total							
Btu	10,794	10,679	11,230	10,794	11,230	-3.9	
Sulfur	1.21	1.16	1.16	1.21	1.16	3.8	
Ash	8.79	8.88	8.14	8.79	8.14	8.0	

 $<sup>^1</sup>$  Quality units are Btu (per pound); sulfur (percent by weight); and ash (percent by weight).  $\ast$  Absolute percentage less than 0.05.

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."

<sup>- =</sup> No data are reported.

W = Data withheld to avoid disclosure.

## Revision to the Quarterly Coal Report (QCR) 1st Quarter 2012

The Energy Information Administration has revised historic data for all four quarters of 2010 and 2011. The change reduced the 2010 and 2011 receipts, consumption, and stocks data for U.S. manufacturing, as well as data reported for Texas and the West South Central Census Division. The following (12) tables have been revised.

- Atable ES-1. U.S. Coal Summary Statistics, 2006-2012
- At able 26. Coal Receipts at Other Industrial Plants by Census Division and State.
- ÁÁTable 27. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State
- Table 28. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
- ÁTable 29. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code.
- Table 32. U.S. Coal Consumption by End-Use Sector, 2006-2012
- Atable 34. Coal Consumption at Other Industrial Plants by Census Division and State
- Table 35. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code
- Table 37. U.S. Coal Stocks, 2006-2012
- Table 39. Coal Stocks at Other Industrial Plants by Census Division and State
- Table 40. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code
- Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State