

# Quarterly Coal Report January - March 2009

June 2009

**Energy Information Administration**  
Office of Coal, Nuclear, Electric, and Alternate Fuels  
U.S. Department of Energy  
Washington, DC 20585

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This report is available on the Web at:  
<http://www.eia.doe.gov/cneaf/coal/quarterly/qcr.pdf>

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# Preface

The *Quarterly Coal Report* (QCR) provides data on U.S. coal production, exports, imports, receipts, prices, consumption, and coal quality and stocks in addition to data on U.S. coke production, consumption, stocks, imports, and exports. The data presented in the QCR are collected and published by the Energy Information Administration (EIA) to fulfill data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended.

This report presents detailed quarterly data for January through March 2009 and the previous quarter, and aggregated historical data for 2003 through the first quarter of 2009. Beginning with 1<sup>st</sup> 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.

The Form EIA-6A survey has been discontinued and replaced by the addition of commercial and institutional coal users to the Form EIA-3 survey. Additionally, 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 was collected on the annual Form EIA-6A survey.

All data for 2007 and prior years are final. All data for 2008 and 2009 are preliminary.

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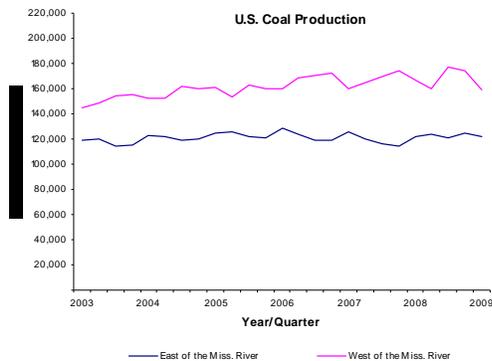
# **Executive Summary**

## Summary

The country's continued economic downturn had numerous adverse effects on the coal industry during the first quarter of 2009. Production, consumption, imports, and exports all decreased relative to their previous quarter levels due to a combination of decreased global demand for steel and a demand adjustment to worsening economic conditions by residential, commercial, and industrial consumers. Despite the lower production, the decreased consumption around the country led to the highest consumer stock levels in more than 20 years. In addition, a lag effect from existing supply contracts ensured that coal price per ton received increased even while receipts were in decline.

## Production

After several quarters of particularly high levels of production brought about predominantly by the increased demand for metallurgical coal in China and India and supply disruptions in Australia, U.S. coal producers began to feel the impact of the global economic downturn. Despite the presence of existing supply contracts – which serve to delay and dampen the economic impact – U.S. production declined by 6 percent from an all time high of 299.4 million short tons (mst) in the fourth quarter of 2008 to 281.4 mst in the first quarter of 2009. This was the country's lowest quarterly production since mid 2005 and the lowest first-quarter production since 2004.



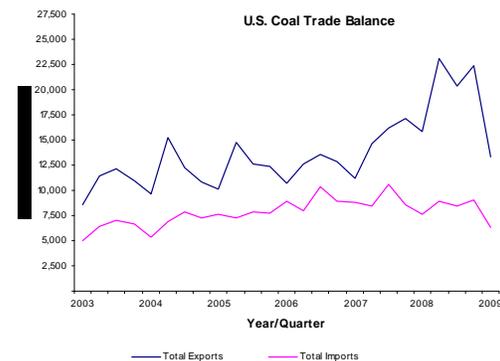
No longer buoyed by high global demand and faced with decreasing prices, U.S. coal producers began to either reduce shifts at mines or to temporarily close the mines until prices recover. This effect was felt particularly strongly in the Appalachian Region, which had benefitted the most from the recent strength of the global coal market due to its relevant abundance of metallurgical coal and proximity to the country's coal export facilities.

Between the fourth quarter of 2008 and the first quarter of 2009, production in the Appalachian Region fell by 4 percent to 94.6 mst. Unless the global economy experiences a dramatic turnaround, the region may not be able to easily recover from its present contraction. Rising production costs resulting from a shortage of skilled labor, new underground safety requirements, and the difficulty of obtaining permits for new surface mines all contribute to suppressing production in the region.

Producers in the Powder River Basin (PRB) and other parts of the country did not do any better than those in the Appalachian Region. Production in the Western Region decreased by 8 percent to 149.6 mst, its lowest level in two years, and production in the Interior Region decreased by 4 percent to 36.9 mst. In fact, of the ten largest coal-producing States in the country, production between the fourth quarter of 2008 and the first quarter of 2009 decreased in every one except Indiana, North Dakota, and Colorado. But even in those States production only increased by a total of 0.9 mst.

## Exports and Imports

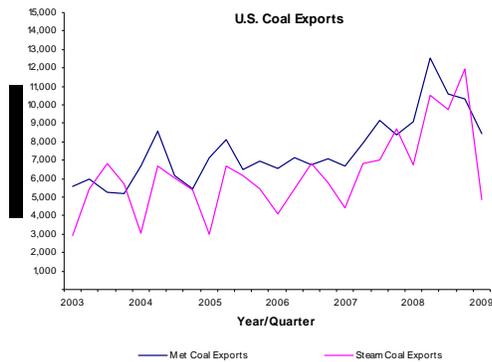
After three consecutive quarters during which total U.S. coal exports exceeded 20 mst and one quarter during which they reached their highest level since 1981, exports plummeted by 40 percent to 13.3 mmst during the first quarter of 2009.



Since the economic downturn has been felt world-wide, exports have fallen across the board to almost all of the country's trade partners. However, the decreased demand for U.S. coal was particularly significant in Canada. Just one quarter after U.S. producers exported 6.4 mst to Canada, they sold only 1.2 mst, a reduction of 81 percent.

While the decreased demand for steel world-wide led to a reduced demand for U.S. metallurgical coal, the decrease in U.S. steam coal exports proved to be even

greater. Between the fourth quarter of 2008 and the first quarter of 2009, the U.S. export of metallurgical coal fell 18 percent to 8.5 mst whereas the export of steam coal fell by 59 percent to 4.9 mst. When compared to the comparable quarter of last year, exports of metallurgical and steam coal fell by 7 percent and 28 percent, respectively.



The decreased demand for U.S. coal abroad may also signal an end to the industry’s flirtation with exporting coal from western ports. Historically, almost all U.S. coal exports have been shipped out of ports along the Gulf Coast and eastern seaboard (especially Mobile, New Orleans, Norfolk, and Baltimore) due to the lack of suitable facilities along the west coast and the increased costs associated with transporting coal from the mines to the ports. During 2008, however, railroads and coal producers began exploring possibilities of increasing the amount of coal exported from the west coast by transporting test shipments of coal. In 2008, coal exports out of the Los Angeles and Seattle customs districts totaled 229,837 and 30,581 tons, respectively. While these numbers do not appear significant on the surface, they represent increases of over 1,000 percent from the 2007 level. Unless prices can return to high enough levels to make it economical for producers to transport coal from the PRB and the Uinta Basin, it is unlikely that the test shipments – regardless of their success – will translate into large, long-term contracts.

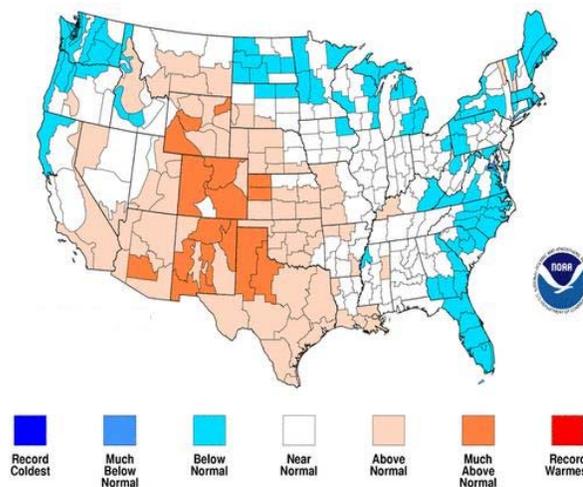
Between the fourth quarter of 2008 and the first quarter of 2009, imports fell by 30 percent to 6 mst, their lowest level since the first quarter of 2004. The decrease was likely a result of decreased demand for coal by States along the gulf coast and east coast, the region which typically accounts for a large share of the country’s coal import consumption. Moreover, with global coal prices dropping, a greater volume of U.S. coal likely remained on the domestic market rather than being shipped abroad, thereby decreasing the need for imported substitutes.

### Consumption

Total U.S. coal consumption fell by 6 percent between the fourth quarter 2008 and first quarter 2009 to 255.1 mst, its lowest first quarter level since 2002. Since the electric power sector accounts for more than 90 percent of the country’s coal consumption, the decrease was likely a result of consumer cut-backs in electricity usage.

Particularly mild weather during the period aided consumers by reducing their heating needs. Based on records going back to 1895, as maintained by the National Oceanic and Atmospheric Administrations’ National Climate Data Center, the average national temperature between January and March was at or above historical average.

Average U.S. Temperatures, January - March 2009

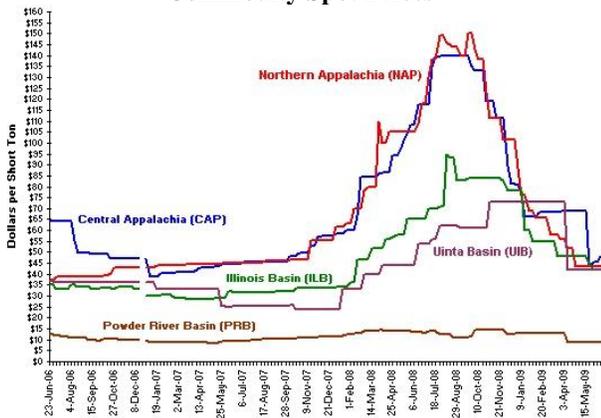


### Domestic Prices

As a result of long-term contracts signed by coal consumers when prices were higher, domestic coal prices did not fall with demand. Specifically, while demand for coal was falling between the fourth quarter of 2008 and the first quarter of 2009, the average delivered price of coal paid by all consumers actually increased.

This discrepancy is highlighted by the change in weekly coal spot prices. While most coal is purchased under contract and thus at significantly lower prices, the following graph nonetheless shows the trend experienced by coal prices in the country. For example, average spot prices for Central Appalachian coal steadily fell from \$81.55 per ton on December 19, 2008 to \$68.95 per ton on March 27, 2009. During that same time, the average spot prices for PRB and Uinta Basin coal remained the same, but decreased for coal originating in the Illinois Basin.

## Historical Average Weekly Coal Commodity Spot Prices<sup>1</sup>



<sup>1</sup> Source: With permission, Platts Coal Outlook, "Weekly Price Survey." For more information see [www.eia.doe.gov/cneaf/coal/page/coalnews/coalmar.html](http://www.eia.doe.gov/cneaf/coal/page/coalnews/coalmar.html).

In December 2008, electric utilities paid on average \$42.88 per ton of coal. Over the next three months that figure increased to \$44.44 per ton, \$45.87 per ton and \$46.45 per ton. This 8 percent increase occurred while coal receipts actually decreased by 3 percent. For more information on delivered price data for electric utilities see the Electric Power Monthly at

[www.eia.doe.gov/cneaf/electricity/epm/epm\\_sum.html](http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html).

Prices to coke plants and industrial users experienced a similar scenario, increasing by 6 percent and 2 percent, respectively.

### Stocks

Reduced coal consumption, combined with previously contracted supply agreements, drove consumer stocks to 184.6 mst, their highest level in more than 22 years. In the 8 years prior to the fourth quarter of 2008, U.S. consumer stock levels averaged approximately 155 mst before increasing to 171.9 mst. Between that quarter and the first quarter of this year, stocks increased an additional 13 mst tons to 184.6 mst representing an increase of more than 20 percent from the 3<sup>rd</sup> quarter of 2008.

**Table ES-1. U.S. Coal Summary Statistics, 2003-2009**  
(Thousand Short Tons)

Year and Quarter	Production <sup>1</sup>	Imports	Waste Coal Supplied	Producer and Distributor Stocks <sup>2</sup>	Consumption	Exports	Consumer Stocks <sup>2</sup>	Losses and Unaccounted For <sup>3</sup>
<b>2003</b>								
January - March.....	264,202	4,954	2,566	47,429	272,240	8,518	139,223	
April - June.....	268,499	6,393	2,267	45,070	253,709	11,450	149,903	
July - September.....	268,565	7,051	2,620	38,231	293,762	12,094	130,481	
October - December.....	270,487	6,645	2,563	38,277	275,150	10,952	127,191	
<b>Total.....</b>	<b>1,071,753</b>	<b>25,044</b>	<b>10,016</b>		<b>1,094,861</b>	<b>43,014</b>		<b>-4,403</b>
<b>2004</b>								
January - March.....	275,492	5,326	2,620	39,305	276,117	9,688	118,317	
April - June.....	274,335	6,853	2,320	40,698	260,315	15,255	125,893	
July - September.....	281,484	7,804	2,441	39,425	292,531	12,203	112,263	
October - December.....	280,787	7,297	3,919	41,151	278,292	10,852	112,855	
<b>Total.....</b>	<b>1,112,099</b>	<b>27,280</b>	<b>11,299</b>		<b>1,107,255</b>	<b>47,998</b>		<b>6,887</b>
<b>2005</b>								
January - March.....	285,802	7,607	3,208	38,698	278,274	10,129	111,577	
April - June.....	278,793	7,233	3,090	38,422	263,732	14,803	123,005	
July - September.....	285,293	7,832	3,828	34,965	303,668	12,620	106,191	
October - December.....	281,610	7,788	3,227	34,971	280,303	12,390	109,333	
<b>Total.....</b>	<b>1,131,498</b>	<b>30,460</b>	<b>13,352</b>		<b>1,125,978</b>	<b>49,942</b>		<b>9,092</b>
<b>2006</b>								
January - March.....	289,145	8,958	3,613	35,113	272,730	10,659	120,013	
April - June.....	292,416	7,956	3,363	35,307	261,207	12,590	144,228	
July - September.....	289,792	10,399	3,787	33,170	300,677	13,540	135,782	
October - December.....	291,397	8,933	3,646	36,548	277,677	12,858	150,398	
<b>Total.....</b>	<b>1,162,750</b>	<b>36,246</b>	<b>14,409</b>		<b>1,112,292</b>	<b>49,647</b>		<b>8,824</b>
<b>2007</b>								
January - March.....	286,041	8,786	3,264	34,007	278,727	11,139	149,588	
April - June.....	285,687	8,405	3,387	32,484	267,106	14,702	162,849	
July - September.....	286,035	10,559	3,697	30,090	303,665	16,198	150,448	
October - December.....	288,872	8,597	3,727	33,977	278,500	17,124	158,781	
<b>Total.....</b>	<b>1,146,635</b>	<b>36,347</b>	<b>14,076</b>		<b>1,127,998</b>	<b>59,163</b>		<b>4,085</b>
<b>2008</b>								
January - March.....	289,106	7,640	3,270	32,464	286,960	15,802	153,730	
April - June.....	283,933	8,982	3,252	31,395	271,059	23,069	161,133	
July - September.....	299,002	8,485	3,534	30,235	302,231	20,321	153,528	
October - December.....	299,443	9,101	3,687	27,311	273,313	22,329	171,891	
<b>Total.....</b>	<b>1,171,483</b>	<b>34,208</b>	<b>13,743</b>		<b>1,133,564</b>	<b>81,519</b>		<b>-2,093</b>
<b>2009</b>								
January - March.....	281,444	6,325	3,030	28,875 <sup>E</sup>	258,061	13,335	184,585	
<b>Total.....</b>	<b>281,444</b>	<b>6,325</b>	<b>3,030</b>		<b>258,061</b>	<b>13,335</b>		<b>5,146</b>
<b>2008 January - March</b>	<b>289,106</b>	<b>7,640</b>	<b>3,270</b>		<b>286,960</b>	<b>15,802</b>		
<b>2007 January - March</b>	<b>286,041</b>	<b>8,786</b>	<b>3,264</b>		<b>278,727</b>	<b>11,139</b>		

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

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

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

<sup>E</sup> Estimated

- = No data are reported.

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

Sources: • Production: Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report" • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" • Waste Coal Supplied: 2003-2007 - Energy Information Administration (EIA), Form EIA-906, "Power Plant Report," 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 Coal Users" • Producer and Distributor Stocks: 2003-2007 - EIA, Form EIA-6A, "Coal Distribution Report," 2008-Forward, "Short Term Energy Outlook" estimates • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545" • Consumption and Consumer Stocks: 2003-2007 - EIA, Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant 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;" Form EIA-7A, "Coal Production Report;" and 2003-2007 - Form EIA-6A, "Coal Distribution Report."

**Table ES-2. U.S. Coke Summary Statistics, 2003-2009**  
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
<b>2003</b>					
January - March.....	4,245	885	600	4,989	148
April - June.....	4,298	585	612	4,669	201
July - September.....	4,358	565	562	4,783	190
October - December.....	4,272	723	380	4,995	182
<b>Total.....</b>	<b>17,173</b>	<b>2,759</b>		<b>19,436</b>	<b>722</b>
<b>2004</b>					
January - March.....	4,185	1,006	349	5,137	86
April - June.....	4,224	3,628	320	7,518	363
July - September.....	4,241	1,043	317	4,825	462
October - December.....	4,258	1,196	351	5,012	408
<b>Total.....</b>	<b>16,909</b>	<b>6,873</b>		<b>22,492</b>	<b>1,319</b>
<b>2005</b>					
January - March.....	3,959	1,608	393	5,236	288
April - June.....	4,338	974	662	4,562	481
July - September.....	4,291	441	784	4,127	483
October - December.....	4,132	507	614	4,314	495
<b>Total.....</b>	<b>16,719</b>	<b>3,529</b>		<b>18,239</b>	<b>1,747</b>
<b>2006</b>					
January - March.....	4,115	675	470	4,755	178
April - June.....	4,102	939	419	4,664	427
July - September.....	4,128	1,402	495	4,825	629
October - December.....	4,059	1,052	685	4,539	383
<b>Total.....</b>	<b>16,404</b>	<b>4,068</b>		<b>18,784</b>	<b>1,616</b>
<b>2007</b>					
January - March.....	4,000	454	717	4,078	343
April - June.....	4,083	685	767	4,428	291
July - September.....	4,063	521	637	4,371	344
October - December.....	4,055	800	632	4,394	466
<b>Total.....</b>	<b>16,201</b>	<b>2,460</b>		<b>17,270</b>	<b>1,444</b>
<b>2008</b>					
January - March.....	4,036	850	478	4,723	316
April - June.....	3,810	1,243	505	4,559	466
July - September.....	4,107	998	464	4,494	653
October - December.....	3,694	512	916	3,229	524
<b>Total.....</b>	<b>15,646</b>	<b>3,603</b>		<b>17,006</b>	<b>1,959</b>
<b>2009</b>					
January - March.....	3,147	67	1,563	2,332	235
<b>Total.....</b>	<b>3,147</b>	<b>67</b>		<b>2,332</b>	<b>235</b>
<b>2008 January - March</b>	<b>4,036</b>	<b>850</b>		<b>4,723</b>	<b>316</b>
<b>2007 January - March</b>	<b>4,000</b>	<b>454</b>		<b>4,078</b>	<b>343</b>

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

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

- = No data are reported.

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

Sources: • Production, Consumption, and Producer and Distributor Stocks: 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, 2003-2009**  
(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Total
2003 .....	264,202	268,499	268,565	270,487	1,071,753
2004 .....	275,492	274,335	281,484	280,787	1,112,099
2005 .....	285,802	278,793	285,293	281,610	1,131,498
2006 .....	289,145	292,416	289,792	291,397	1,162,750
2007 .....	286,041	285,687	286,035	288,872	1,146,635
2008 .....	289,106	283,933	299,002	299,443	1,171,483
2009 .....	281,444	-	-	-	281,444

- = 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 and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Alabama.....	5,114	5,335	5,551	5,114	5,551	-7.9
Alaska.....	470	452	381	470	381	23.5
Arizona.....	1,823	2,011	1,896	1,823	1,896	-3.9
Arkansas.....	4	24	14	4	14	-72.1
Colorado.....	7,622	7,255	8,246	7,622	8,246	-7.6
Illinois.....	8,282	8,889	7,687	8,282	7,687	7.7
Indiana.....	9,723	9,534	8,703	9,723	8,703	11.7
Kansas.....	44	17	78	44	78	-43.3
Kentucky Total.....	30,017	30,115	29,823	30,017	29,823	0.7
Eastern.....	21,721	22,171	22,485	21,721	22,485	-3.4
Western.....	8,297	7,944	7,338	8,297	7,338	13.1
Louisiana.....	947	1,085	1,054	947	1,054	-10.2
Maryland.....	686	961	520	686	520	32.0
Mississippi.....	886	495	785	886	785	12.9
Missouri.....	115	70	52	115	52	120.3
Montana.....	10,436	11,885	11,331	10,436	11,331	-7.9
New Mexico.....	5,517	5,920	4,610	5,517	4,610	19.7
North Dakota.....	7,908	7,575	7,023	7,908	7,023	12.6
Ohio.....	7,324	6,963	6,079	7,324	6,079	20.5
Oklahoma.....	263	338	392	263	392	-33.0
Pennsylvania Total.....	15,061	16,786	17,122	15,061	17,122	-12.0
Anthracite.....	432	460	381	432	381	13.2
Bituminous.....	14,629	16,326	16,741	14,629	16,741	-12.6
Tennessee.....	585	564	631	585	631	-7.3
Texas.....	8,375	10,224	9,331	8,375	9,331	-10.2
Utah.....	5,234	6,604	6,561	5,234	6,561	-20.2
Virginia.....	5,391	6,482	5,634	5,391	5,634	-4.3
West Virginia Total.....	38,665	39,048	39,532	38,665	39,532	-2.2
Northern.....	10,870	10,726	10,257	10,870	10,257	6.0
Southern.....	27,795	28,322	29,275	27,795	29,275	-5.1
Wyoming.....	110,590	120,496	115,782	110,590	115,782	-4.5
<b>Appalachian Total.....</b>	<b>94,547</b>	<b>98,311</b>	<b>97,554</b>	<b>94,547</b>	<b>97,554</b>	<b>-3.1</b>
<b>Interior Total.....</b>	<b>36,935</b>	<b>38,620</b>	<b>35,435</b>	<b>36,935</b>	<b>35,435</b>	<b>4.2</b>
<b>Western Total.....</b>	<b>149,599</b>	<b>162,197</b>	<b>155,829</b>	<b>149,599</b>	<b>155,829</b>	<b>-4.0</b>
<b>East of Miss. River.....</b>	<b>121,734</b>	<b>125,173</b>	<b>122,068</b>	<b>121,734</b>	<b>122,068</b>	<b>-0.3</b>
<b>West of Miss. River.....</b>	<b>159,348</b>	<b>173,955</b>	<b>166,751</b>	<b>159,348</b>	<b>166,751</b>	<b>-4.4</b>
<b>U.S. Subtotal.....</b>	<b>281,081</b>	<b>299,128</b>	<b>288,818</b>	<b>281,081</b>	<b>288,818</b>	<b>-2.7</b>
<b>Refuse Recovery.....</b>	<b>363</b>	<b>314</b>	<b>287</b>	<b>363</b>	<b>287</b>	<b>26.2</b>
<b>U.S. Total.....</b>	<b>281,444</b>	<b>299,443</b>	<b>289,106</b>	<b>281,444</b>	<b>289,106</b>	<b>-2.7</b>

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

Census Division	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	1,534	1,816	1,973	1,534	1,973	-22.2
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>3,325</b>	<b>3,935</b>	<b>4,315</b>	<b>3,325</b>	<b>4,315</b>	<b>-22.9</b>
<b>Coke Total.....</b>	<b>3,147</b>	<b>3,694</b>	<b>4,036</b>	<b>3,147</b>	<b>4,036</b>	<b>-22.0</b>
<b>Breeze Total.....</b>	<b>178</b>	<b>241</b>	<b>279</b>	<b>178</b>	<b>279</b>	<b>-35.9</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

**Table 4. Average Open Market Sales Price of Coke and Breeze**  
(Thousand Short Tons and Dollars per Short Ton)

Commodity	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Coke</b>						
Sales.....	1,369	1,871	2,209	1,369	2,209	-38.0
Average Price.....	310.90	302.58	235.25	310.90	235.25	32.2
<b>Breeze</b>						
Sales.....	121	178	231	121	231	-47.7
Average Price.....	57.15	97.14	77.66	57.15	77.66	-26.4

- = No data are reported.

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

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

## **Exports and Imports**

**Table 5. U.S. Coal Exports and Imports, 2003-2009**  
(Thousand Short Tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2003 .....	8,518	4,954	11,450	6,393	12,094	7,051	10,952	6,645	43,014	25,044
2004 .....	9,688	5,326	15,255	6,853	12,203	7,804	10,852	7,297	47,998	27,280
2005 .....	10,129	7,607	14,803	7,233	12,620	7,832	12,390	7,788	49,942	30,460
2006 .....	10,659	8,958	12,590	7,956	13,540	10,399	12,858	8,933	49,647	36,246
2007 .....	11,139	8,786	14,702	8,405	16,198	10,559	17,124	8,597	59,163	36,347
2008 .....	15,802	7,640	23,069	8,982	20,321	8,485	22,329	9,101	81,519	34,208
2009 .....	13,335	6,325	-	-	-	-	-	-	13,335	6,325

- = No data are reported.

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. Average Price of U.S. Coal Exports and Imports, 2003-2009**  
(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2003 .....	39.72	31.65	35.67	31.17	33.19	31.23	36.49	31.80	35.98	31.45
2004 .....	48.38	32.72	55.95	34.97	55.10	39.49	55.54	41.30	54.11	37.52
2005 .....	68.26	45.13	66.26	46.49	66.42	47.76	67.85	47.40	67.10	46.71
2006 .....	74.69	47.49	71.11	51.27	68.53	48.43	70.17	49.55	70.93	49.10
2007 .....	74.13	45.91	64.30	46.86	72.10	47.38	71.09	50.51	70.25	47.64
2008 .....	81.81	52.91	97.24	55.59	102.51	64.65	104.97	65.33	97.68	59.83
2009 .....	113.08	61.03	-	-	-	-	-	-	-	-

- = 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."

**Table 7. Quantity and Average Price of U.S. Coal Imports by Origin, 2003-2009**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
<b>Quantity</b>								
2003 .....	330	2,099	15,479	2,105	150	4,625	256	25,044
2004 .....	296	2,878	16,661	2,181	147	4,436	682	27,280
2005 .....	231	2,017	21,215	2,468	20	3,734	775	30,460
2006 .....	245	2,048	25,341	3,147	43	4,198	1,224	36,246
2007 .....	66	1,967	26,864	3,663	50	3,425	311	36,347
<b>2008</b>								
January - March .....	39	396	6,093	661	5	447	-	7,640
April - June .....	17	541	6,860	997	14	552	1	8,982
July - September .....	25	600	6,263	936	17	607	37	8,485
October - December .....	68	490	7,047	779	10	706	1	9,101
<b>U.S. Total .....</b>	<b>149</b>	<b>2,027</b>	<b>26,262</b>	<b>3,374</b>	<b>45</b>	<b>2,312</b>	<b>39</b>	<b>34,208</b>
<b>2009</b>								
January - March .....	60	234	4,925	816	4	287	s	6,325
<b>U.S. Total .....</b>	<b>60</b>	<b>234</b>	<b>4,925</b>	<b>816</b>	<b>4</b>	<b>287</b>	<b>s</b>	<b>6,325</b>
<b>Average Price</b>								
2003 .....	33.98	48.92	28.44	28.36	49.28	33.79	39.36	31.45
2004 .....	41.94	53.55	34.99	20.81	55.77	40.24	61.62	37.52
2005 .....	48.50	96.67	44.82	20.83	93.35	46.46	50.15	46.71
2006 .....	52.74	99.67	46.93	22.81	98.93	54.70	55.17	49.10
2007 .....	31.71	89.96	46.33	26.10	111.71	54.70	62.60	47.64
<b>2008</b>								
January - March .....	56.62	86.17	51.89	35.58	99.81	62.17	-	52.91
April - June .....	55.90	104.75	52.67	40.90	139.55	68.03	67.70	55.59
July - September .....	56.97	123.32	60.18	39.08	276.66	81.51	148.57	64.65
October - December .....	49.18	118.34	62.85	33.67	333.03	86.12	81.18	65.33
<b>U.S. Total .....</b>	<b>53.19</b>	<b>109.91</b>	<b>57.01</b>	<b>37.68</b>	<b>228.09</b>	<b>75.96</b>	<b>145.90</b>	<b>59.83</b>
<b>2009</b>								
January - March .....	58.11	101.26	59.74	49.85	444.87	78.07	179.86	61.03
<b>U.S. Total .....</b>	<b>58.11</b>	<b>101.26</b>	<b>59.74</b>	<b>49.85</b>	<b>444.87</b>	<b>78.07</b>	<b>179.86</b>	<b>61.03</b>

s Value is less than 0.5 of the table metric, but value is included in any associated table.

- = 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 8. U.S. Coal Exports**  
(Short Tons)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>1,449,043</b>	<b>6,865,461</b>	<b>3,093,866</b>	<b>1,449,043</b>	<b>3,093,866</b>	<b>-53.2</b>
Canada <sup>1</sup> .....	1,211,360	6,357,059	2,779,818	1,211,360	2,779,818	-56.4
Jamaica .....	-	30,369	25,867	-	25,867	-
Mexico .....	237,247	476,706	251,139	237,247	251,139	-5.5
Other <sup>2</sup> .....	436	1,327	37,042	436	37,042	-98.8
<b>South America Total</b> .....	<b>2,313,975</b>	<b>1,855,555</b>	<b>1,789,906</b>	<b>2,313,975</b>	<b>1,789,906</b>	<b>29.3</b>
Argentina .....	52,990	54,817	104,782	52,990	104,782	-49.4
Brazil .....	2,100,387	1,601,951	1,484,896	2,100,387	1,484,896	41.5
Chile .....	155,505	183,348	197,424	155,505	197,424	-21.2
Other <sup>2</sup> .....	5,093	15,439	2,804	5,093	2,804	81.6
<b>Europe Total</b> .....	<b>8,001,152</b>	<b>11,137,154</b>	<b>9,274,905</b>	<b>8,001,152</b>	<b>9,274,905</b>	<b>-13.7</b>
Austria .....	78,115	137,685	11,510	78,115	11,510	NM
Belgium .....	901,343	604,017	768,845	901,343	768,845	17.2
Bulgaria .....	-	78,587	153,957	-	153,957	-
Croatia .....	128,113	356,151	452,155	128,113	452,155	-71.7
Denmark .....	80,743	155,272	150,661	80,743	150,661	-46.4
Faroe Islands .....	69,444	76,244	-	69,444	-	-
Federal Republic of Germany .....	791,092	835,790	781,683	791,092	781,683	1.2
Finland .....	-	227,855	21,539	-	21,539	-
France .....	1,023,925	785,951	962,615	1,023,925	962,615	6.4
Gibraltar .....	78,815	63,966	-	78,815	-	-
Greece .....	85,049	84,381	-	85,049	-	-
Iceland .....	14,157	13,836	18,491	14,157	18,491	-23.4
Italy .....	874,936	820,270	774,439	874,936	774,439	13.0
Netherlands .....	1,313,023	1,949,213	1,526,939	1,313,023	1,526,939	-14.0
Norway .....	18,273	20,780	29,045	18,273	29,045	-37.1
Poland .....	463,919	549,688	285,330	463,919	285,330	62.6
Portugal .....	151,752	129,494	987	151,752	987	NM
Romania .....	56,046	298,336	583,051	56,046	583,051	-90.4
Slovakia .....	-	438,579	-	-	-	-
Spain .....	448,883	607,057	663,838	448,883	663,838	-32.4
Sweden .....	172,210	157,052	134,065	172,210	134,065	28.5
Switzerland .....	44,173	164,153	-	44,173	-	-
Turkey .....	75,558	313,375	425,325	75,558	425,325	-82.2
Ukraine .....	-	270,056	279,295	-	279,295	-
United Kingdom .....	1,074,755	1,997,902	1,251,135	1,074,755	1,251,135	-14.1
Other <sup>2</sup> .....	56,828	1,464	-	56,828	-	-
<b>Asia Total</b> .....	<b>926,764</b>	<b>1,572,327</b>	<b>727,281</b>	<b>926,764</b>	<b>727,281</b>	<b>27.4</b>
China .....	124	155,585	468	124	468	-73.5
India .....	438,400	402,882	321,982	438,400	321,982	36.2
Japan .....	194,092	442,369	130,471	194,092	130,471	48.8
Korea, South .....	253,739	533,633	208,336	253,739	208,336	21.8
Saudi Arabia .....	26,454	31,796	63,262	26,454	63,262	-58.2
Taiwan .....	95	-	50	95	50	90.0
Other <sup>2</sup> .....	13,860	6,062	2,712	13,860	2,712	411.1
<b>Australia &amp; Oceania Total</b> .....	<b>6</b>	<b>200</b>	<b>659</b>	<b>6</b>	<b>659</b>	<b>-99.1</b>
Other <sup>2</sup> .....	6	200	659	6	659	-99.1
<b>Africa Total</b> .....	<b>643,882</b>	<b>897,805</b>	<b>914,961</b>	<b>643,882</b>	<b>914,961</b>	<b>-29.6</b>
Algeria .....	1,616	140,977	104,798	1,616	104,798	-98.5
Egypt .....	5,023	399,128	236,703	5,023	236,703	-97.9
Morocco .....	634,934	356,264	485,231	634,934	485,231	30.9
South Africa .....	-	73	82,698	-	82,698	-
Other <sup>2</sup> .....	2,309	1,363	5,531	2,309	5,531	-58.3
<b>Total</b> .....	<b>13,334,822</b>	<b>22,328,502</b>	<b>15,801,578</b>	<b>13,334,822</b>	<b>15,801,578</b>	<b>-15.6</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

- = 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 9. Average Price of U.S. Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>72.03</b>	<b>51.02</b>	<b>52.47</b>	<b>72.03</b>	<b>52.47</b>	<b>37.3</b>
Canada <sup>1</sup> .....	64.80	46.25	48.02	64.80	48.02	35.0
Jamaica .....	-	102.53	121.22	-	121.22	-
Mexico .....	108.74	111.27	90.95	108.74	90.95	19.6
Other <sup>2</sup> .....	182.12	105.89	78.05	182.12	78.05	133.3
<b>South America Total</b> .....	<b>129.62</b>	<b>177.21</b>	<b>92.84</b>	<b>129.62</b>	<b>92.84</b>	<b>39.6</b>
Argentina .....	115.90	280.49	82.02	115.90	82.02	41.3
Brazil .....	137.26	188.11	100.35	137.26	100.35	36.8
Chile .....	28.35	55.75	42.50	28.35	42.50	-33.3
Other <sup>2</sup> .....	212.37	121.36	59.54	212.37	59.54	256.7
<b>Europe Total</b> .....	<b>108.36</b>	<b>110.76</b>	<b>88.23</b>	<b>108.36</b>	<b>88.23</b>	<b>22.8</b>
Austria .....	117.11	116.94	39.91	117.11	39.91	193.4
Belgium .....	112.77	109.49	85.54	112.77	85.54	31.8
Bulgaria .....	-	163.30	104.15	-	104.15	-
Croatia .....	102.10	128.02	126.58	102.10	126.58	-19.3
Denmark .....	57.61	82.24	59.83	57.61	59.83	-3.7
Faroe Islands .....	82.74	85.46	-	82.74	-	-
Federal Republic of Germany .....	95.50	94.55	82.48	95.50	82.48	15.8
Finland .....	-	126.51	90.36	-	90.36	-
France .....	124.54	103.93	89.30	124.54	89.30	39.5
Gibraltar .....	63.05	141.52	-	63.05	-	-
Greece .....	57.61	115.21	-	57.61	-	-
Iceland .....	137.20	122.51	116.04	137.20	116.04	18.2
Italy .....	116.12	117.53	94.31	116.12	94.31	23.1
Netherlands .....	93.57	99.29	73.05	93.57	73.05	28.1
Norway .....	128.20	104.99	117.35	128.20	117.35	9.2
Poland .....	148.87	137.29	108.12	148.87	108.12	37.7
Portugal .....	101.60	60.78	40.82	101.60	40.82	148.9
Romania .....	114.31	143.69	101.16	114.31	101.16	13.0
Slovakia .....	-	187.61	-	-	-	-
Spain .....	116.00	88.78	95.78	116.00	95.78	21.1
Sweden .....	186.64	106.62	109.76	186.64	109.76	70.0
Switzerland .....	101.60	58.99	-	101.60	-	-
Turkey .....	282.45	271.26	94.49	282.45	94.49	198.9
Ukraine .....	-	171.13	109.41	-	109.41	-
United Kingdom .....	77.48	75.74	70.63	77.48	70.63	9.7
Other <sup>2</sup> .....	120.76	45.24	-	120.76	-	-
<b>Asia Total</b> .....	<b>200.09</b>	<b>181.11</b>	<b>101.63</b>	<b>200.09</b>	<b>101.63</b>	<b>96.9</b>
China .....	326.77	92.79	147.51	326.77	147.51	121.5
India .....	235.75	272.21	113.62	235.75	113.62	107.5
Japan .....	243.92	187.03	91.81	243.92	91.81	165.7
Korea, South .....	129.49	132.04	96.44	129.49	96.44	34.3
Saudi Arabia .....	43.41	220.49	79.70	43.41	79.70	-45.5
Taiwan .....	291.40	-	200.00	291.40	200.00	45.7
Other <sup>2</sup> .....	48.21	75.16	49.75	48.21	49.75	-3.1
<b>Australia &amp; Oceania Total</b> .....	<b>683.33</b>	<b>334.19</b>	<b>40.81</b>	<b>683.33</b>	<b>40.81</b>	<b>NM</b>
Other <sup>2</sup> .....	683.33	334.19	40.81	683.33	40.81	NM
<b>Africa Total</b> .....	<b>79.43</b>	<b>162.90</b>	<b>78.65</b>	<b>79.43</b>	<b>78.65</b>	<b>1.0</b>
Algeria .....	39.91	134.47	89.74	39.91	89.74	-55.5
Egypt .....	52.65	238.31	98.46	52.65	98.46	-46.5
Morocco .....	79.86	89.99	59.53	79.86	59.53	34.2
South Africa .....	-	143.95	122.63	-	122.63	-
Other <sup>2</sup> .....	47.94	79.62	39.90	47.94	39.90	20.1
<b>U.S. Total</b> .....	<b>113.08</b>	<b>104.97</b>	<b>81.81</b>	<b>113.08</b>	<b>81.81</b>	<b>38.2</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

- = 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 10. U.S. Steam Coal Exports**  
(Short Tons)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>1,157,204</b>	<b>5,335,250</b>	<b>2,600,283</b>	<b>1,157,204</b>	<b>2,600,283</b>	<b>-55.5</b>
Canada <sup>1</sup> .....	1,028,503	5,104,835	2,449,555	1,028,503	2,449,555	-58.0
Jamaica .....	-	55	25,867	-	25,867	-
Mexico .....	128,265	229,033	120,563	128,265	120,563	6.4
Other <sup>2</sup> .....	436	1,327	4,298	436	4,298	-89.9
<b>South America Total</b> .....	<b>163,087</b>	<b>201,393</b>	<b>206,055</b>	<b>163,087</b>	<b>206,055</b>	<b>-20.9</b>
Argentina .....	356	1,794	3,357	356	3,357	-89.4
Brazil .....	2,133	812	2,470	2,133	2,470	-13.6
Chile .....	155,505	183,348	197,424	155,505	197,424	-21.2
Other <sup>2</sup> .....	5,093	15,439	2,804	5,093	2,804	81.6
<b>Europe Total</b> .....	<b>2,801,008</b>	<b>5,425,102</b>	<b>3,384,881</b>	<b>2,801,008</b>	<b>3,384,881</b>	<b>-17.2</b>
Austria .....	-	-	11,510	-	11,510	-
Belgium .....	163,973	284,435	285,010	163,973	285,010	-42.5
Croatia .....	72,970	73,907	-	72,970	-	-
Denmark .....	-	82,270	71,388	-	71,388	-
Faroe Islands .....	69,444	76,244	-	69,444	-	-
Federal Republic of Germany .....	236,096	465,168	545,467	236,096	545,467	-56.7
Finland .....	-	155,106	-	-	-	-
France .....	504,175	626,370	397,401	504,175	397,401	26.9
Gibraltar .....	78,815	63,966	-	78,815	-	-
Greece .....	85,049	-	-	85,049	-	-
Italy .....	66,783	152,779	74,772	66,783	74,772	-10.7
Netherlands .....	672,415	996,987	980,225	672,415	980,225	-31.4
Norway .....	5,519	6,109	3,012	5,519	3,012	83.2
Poland .....	-	48,385	71,523	-	71,523	-
Portugal .....	151,752	129,494	987	151,752	987	NM
Romania .....	-	-	80,909	-	80,909	-
Spain .....	81,929	386,675	167,357	81,929	167,357	-51.0
Switzerland .....	-	164,153	-	-	-	-
Turkey .....	-	298	-	-	-	-
United Kingdom .....	605,105	1,711,315	695,320	605,105	695,320	-13.0
Other <sup>2</sup> .....	6,983	1,441	-	6,983	-	-
<b>Asia Total</b> .....	<b>107,483</b>	<b>575,230</b>	<b>40,584</b>	<b>107,483</b>	<b>40,584</b>	<b>164.8</b>
China .....	124	155,585	468	124	468	-73.5
India .....	161	90	444	161	444	-63.7
Japan .....	951	117,610	1,368	951	1,368	-30.5
Korea, South .....	65,884	280,699	19	65,884	19	NM
Saudi Arabia .....	26,454	15,184	35,523	26,454	35,523	-25.5
Taiwan .....	95	-	50	95	50	90.0
Other <sup>2</sup> .....	13,814	6,062	2,712	13,814	2,712	409.4
<b>Australia &amp; Oceania Total</b> .....	<b>6</b>	<b>200</b>	<b>659</b>	<b>6</b>	<b>659</b>	<b>-99.1</b>
Other <sup>2</sup> .....	6	200	659	6	659	-99.1
<b>Africa Total</b> .....	<b>643,882</b>	<b>435,276</b>	<b>495,119</b>	<b>643,882</b>	<b>495,119</b>	<b>30.0</b>
Algeria .....	1,616	71,126	201	1,616	201	NM
Egypt .....	5,023	6,450	3,652	5,023	3,652	37.5
Morocco .....	634,934	356,264	485,231	634,934	485,231	30.9
South Africa .....	-	73	504	-	504	-
Other <sup>2</sup> .....	2,309	1,363	5,531	2,309	5,531	-58.3
<b>Total</b> .....	<b>4,872,670</b>	<b>11,972,451</b>	<b>6,727,581</b>	<b>4,872,670</b>	<b>6,727,581</b>	<b>-27.6</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

- = 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, subbituminous, lignite, and anthracite.

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

**Table 11. Average Price of U.S. Steam Coal Exports**  
(Dollars per Short Tons)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>64.78</b>	<b>37.10</b>	<b>46.25</b>	<b>64.78</b>	<b>46.25</b>	<b>40.1</b>
Canada <sup>1</sup> .....	60.77	34.47	43.07	60.77	43.07	41.1
Jamaica .....	-	239.75	121.22	-	121.22	-
Mexico .....	96.52	95.31	95.34	96.52	95.34	1.2
Other <sup>2</sup> .....	182.12	105.89	35.07	182.12	35.07	419.3
<b>South America Total</b> .....	<b>35.73</b>	<b>61.35</b>	<b>43.69</b>	<b>35.73</b>	<b>43.69</b>	<b>-18.2</b>
Argentina .....	229.67	73.14	79.26	229.67	79.26	189.8
Brazil .....	119.70	159.87	72.13	119.70	72.13	66.0
Chile .....	28.35	55.75	42.50	28.35	42.50	-33.3
Other <sup>2</sup> .....	212.37	121.36	59.54	212.37	59.54	256.7
<b>Europe Total</b> .....	<b>85.16</b>	<b>76.96</b>	<b>69.25</b>	<b>85.16</b>	<b>69.25</b>	<b>23.0</b>
Austria .....	-	-	39.91	-	39.91	-
Belgium .....	77.46	87.26	70.67	77.46	70.67	9.6
Croatia .....	86.18	82.55	-	86.18	-	-
Denmark .....	-	102.88	69.85	-	69.85	-
Faroe Islands .....	82.74	85.46	-	82.74	-	-
Federal Republic of Germany .....	103.51	74.40	79.32	103.51	79.32	30.5
Finland .....	-	90.82	-	-	-	-
France .....	127.95	94.52	72.04	127.95	72.04	77.6
Gibraltar .....	63.05	141.52	-	63.05	-	-
Greece .....	57.61	-	-	57.61	-	-
Italy .....	107.07	101.97	92.05	107.07	92.05	16.3
Netherlands .....	75.68	71.11	65.43	75.68	65.43	15.7
Norway .....	39.92	39.92	39.91	39.92	39.91	*
Poland .....	-	78.65	164.20	-	164.20	-
Portugal .....	101.60	60.78	40.82	101.60	40.82	148.9
Romania .....	-	-	115.21	-	115.21	-
Spain .....	106.39	69.24	53.77	106.39	53.77	97.9
Switzerland .....	-	58.99	-	-	-	-
Turkey .....	-	244.63	-	-	-	-
United Kingdom .....	53.39	69.92	51.30	53.39	51.30	4.1
Other <sup>2</sup> .....	39.91	39.89	-	39.91	-	-
<b>Asia Total</b> .....	<b>43.38</b>	<b>87.86</b>	<b>56.41</b>	<b>43.38</b>	<b>56.41</b>	<b>-23.1</b>
China .....	326.77	92.79	147.51	326.77	147.51	121.5
India .....	160.06	536.80	74.86	160.06	74.86	113.8
Japan .....	343.65	147.17	283.19	343.65	283.19	21.3
Korea, South .....	37.01	63.00	431.47	37.01	431.47	-91.4
Saudi Arabia .....	43.41	39.91	46.35	43.41	46.35	-6.4
Taiwan .....	291.40	-	200.00	291.40	200.00	45.7
Other <sup>2</sup> .....	47.42	75.16	49.75	47.42	49.75	-4.7
<b>Australia &amp; Oceania Total</b> .....	<b>683.33</b>	<b>334.19</b>	<b>40.81</b>	<b>683.33</b>	<b>40.81</b>	<b>NM</b>
Other <sup>2</sup> .....	683.33	334.19	40.81	683.33	40.81	NM
<b>Africa Total</b> .....	<b>79.43</b>	<b>98.89</b>	<b>59.13</b>	<b>79.43</b>	<b>59.13</b>	<b>34.3</b>
Algeria .....	39.91	147.63	40.64	39.91	40.64	-1.8
Egypt .....	52.65	56.83	39.92	52.65	39.92	31.9
Morocco .....	79.86	89.99	59.53	79.86	59.53	34.2
South Africa .....	-	143.95	34.44	-	34.44	-
Other <sup>2</sup> .....	47.94	79.62	39.90	47.94	39.90	20.1
<b>U.S. Total</b> .....	<b>76.99</b>	<b>60.26</b>	<b>58.75</b>	<b>76.99</b>	<b>58.75</b>	<b>31.0</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

\* Absolute percentage less than 0.05.

- = 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, subbituminous, lignite, and anthracite.

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

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

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>291,839</b>	<b>1,530,211</b>	<b>493,583</b>	<b>291,839</b>	<b>493,583</b>	<b>-40.9</b>
Canada <sup>1</sup> .....	182,857	1,252,224	330,263	182,857	330,263	-44.6
Jamaica .....	-	30,314	-	-	-	-
Mexico .....	108,982	247,673	130,576	108,982	130,576	-16.5
Other <sup>2</sup> .....	-	-	32,744	-	32,744	-
<b>South America Total</b> .....	<b>2,150,888</b>	<b>1,654,162</b>	<b>1,583,851</b>	<b>2,150,888</b>	<b>1,583,851</b>	<b>35.8</b>
Argentina .....	52,634	53,023	101,425	52,634	101,425	-48.1
Brazil .....	2,098,254	1,601,139	1,482,426	2,098,254	1,482,426	41.5
<b>Europe Total</b> .....	<b>5,200,144</b>	<b>5,712,052</b>	<b>5,890,024</b>	<b>5,200,144</b>	<b>5,890,024</b>	<b>-11.7</b>
Austria .....	78,115	137,685	-	78,115	-	-
Belgium .....	737,370	319,582	483,835	737,370	483,835	52.4
Bulgaria .....	-	78,587	153,957	-	153,957	-
Croatia .....	55,143	282,244	452,155	55,143	452,155	-87.8
Denmark .....	80,743	73,002	79,273	80,743	79,273	1.9
Federal Republic of Germany .....	554,996	370,622	236,216	554,996	236,216	135.0
Finland .....	-	72,749	21,539	-	21,539	-
France .....	519,750	159,581	565,214	519,750	565,214	-8.0
Greece .....	-	84,381	-	-	-	-
Iceland .....	14,157	13,836	18,491	14,157	18,491	-23.4
Italy .....	808,153	667,491	699,667	808,153	699,667	15.5
Netherlands .....	640,608	952,226	546,714	640,608	546,714	17.2
Norway .....	12,754	14,671	26,033	12,754	26,033	-51.0
Poland .....	463,919	501,303	213,807	463,919	213,807	117.0
Romania .....	56,046	298,336	502,142	56,046	502,142	-88.8
Slovakia .....	-	438,579	-	-	-	-
Spain .....	366,954	220,382	496,481	366,954	496,481	-26.1
Sweden .....	172,210	157,052	134,065	172,210	134,065	28.5
Switzerland .....	44,173	-	-	44,173	-	-
Turkey .....	75,558	313,077	425,325	75,558	425,325	-82.2
Ukraine .....	-	270,056	279,295	-	279,295	-
United Kingdom .....	469,650	286,587	555,815	469,650	555,815	-15.5
Other <sup>2</sup> .....	49,845	23	-	49,845	-	-
<b>Asia Total</b> .....	<b>819,281</b>	<b>997,097</b>	<b>686,697</b>	<b>819,281</b>	<b>686,697</b>	<b>19.3</b>
India .....	438,239	402,792	321,538	438,239	321,538	36.3
Japan .....	193,141	324,759	129,103	193,141	129,103	49.6
Korea, South .....	187,855	252,934	208,317	187,855	208,317	-9.8
Saudi Arabia .....	-	16,612	27,739	-	27,739	-
Other <sup>2</sup> .....	46	-	-	46	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>462,529</b>	<b>419,842</b>	<b>-</b>	<b>419,842</b>	<b>-</b>
Algeria .....	-	69,851	104,597	-	104,597	-
Egypt .....	-	392,678	233,051	-	233,051	-
South Africa .....	-	-	82,194	-	82,194	-
<b>Total</b> .....	<b>8,462,152</b>	<b>10,356,051</b>	<b>9,073,997</b>	<b>8,462,152</b>	<b>9,073,997</b>	<b>-6.7</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

- = No data are reported.

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

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

**Table 13. Average Price of U.S. Metallurgical Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>100.79</b>	<b>99.56</b>	<b>85.25</b>	<b>100.79</b>	<b>85.25</b>	<b>18.2</b>
Canada <sup>1</sup> .....	87.49	94.26	84.75	87.49	84.75	3.2
Jamaica .....	-	102.28	-	-	-	-
Mexico .....	123.12	126.02	86.89	123.12	86.89	41.7
Other <sup>2</sup> .....	-	-	83.69	-	83.69	-
<b>South America Total</b> .....	<b>136.74</b>	<b>191.31</b>	<b>99.23</b>	<b>136.74</b>	<b>99.23</b>	<b>37.8</b>
Argentina .....	115.13	287.51	82.11	115.13	82.11	40.2
Brazil .....	137.28	188.13	100.40	137.28	100.40	36.7
<b>Europe Total</b> .....	<b>120.86</b>	<b>142.86</b>	<b>99.13</b>	<b>120.86</b>	<b>99.13</b>	<b>21.9</b>
Austria .....	117.11	116.94	-	117.11	-	-
Belgium .....	120.63	129.27	94.31	120.63	94.31	27.9
Bulgaria .....	-	163.30	104.15	-	104.15	-
Croatia .....	123.17	139.92	126.58	123.17	126.58	-2.7
Denmark .....	57.61	58.97	50.80	57.61	50.80	13.4
Federal Republic of Germany .....	92.09	119.84	89.77	92.09	89.77	2.6
Finland .....	-	202.62	90.36	-	90.36	-
France .....	121.23	140.90	101.44	121.23	101.44	19.5
Greece .....	-	115.21	-	-	-	-
Iceland .....	137.20	122.51	116.04	137.20	116.04	18.2
Italy .....	116.86	121.10	94.55	116.86	94.55	23.6
Netherlands .....	112.35	128.79	86.71	112.35	86.71	29.6
Norway .....	166.41	132.08	126.31	166.41	126.31	31.7
Poland .....	148.87	142.95	89.36	148.87	89.36	66.6
Romania .....	114.31	143.69	98.90	114.31	98.90	15.6
Slovakia .....	-	187.61	-	-	-	-
Spain .....	118.14	123.07	109.94	118.14	109.94	7.5
Sweden .....	186.64	106.62	109.76	186.64	109.76	70.0
Switzerland .....	101.60	-	-	101.60	-	-
Turkey .....	282.45	271.28	94.49	282.45	94.49	198.9
Ukraine .....	-	171.13	109.41	-	109.41	-
United Kingdom .....	108.51	110.49	94.80	108.51	94.80	14.5
Other <sup>2</sup> .....	132.08	380.57	-	132.08	-	-
<b>Asia Total</b> .....	<b>220.65</b>	<b>234.91</b>	<b>104.30</b>	<b>220.65</b>	<b>104.30</b>	<b>111.6</b>
India .....	235.78	272.16	113.67	235.78	113.67	107.4
Japan .....	243.43	201.46	89.79	243.43	89.79	171.1
Korea, South .....	161.92	208.65	96.41	161.92	96.41	67.9
Saudi Arabia .....	-	385.55	122.40	-	122.40	-
Other <sup>2</sup> .....	286.70	-	-	286.70	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>223.14</b>	<b>101.66</b>	<b>-</b>	<b>101.66</b>	<b>-</b>
Algeria .....	-	121.06	89.84	-	89.84	-
Egypt .....	-	241.29	99.37	-	99.37	-
South Africa .....	-	-	123.17	-	123.17	-
<b>U.S. Total</b> .....	<b>133.86</b>	<b>156.65</b>	<b>98.90</b>	<b>133.86</b>	<b>98.90</b>	<b>35.3</b>

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

<sup>2</sup> Includes countries with coal exports less than or equal to 50,000 short tons in 2008.

- = No data are reported.

Note: • Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value, including value for shipments of specialty coal not used as a fuel source (about 0.05% of all shipments).

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

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

Customs District	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Eastern Total</b> .....	<b>8,289,099</b>	<b>11,450,537</b>	<b>9,362,931</b>	<b>8,289,099</b>	<b>9,362,931</b>	<b>-11.5</b>
Baltimore, MD.....	1,157,991	3,153,421	1,915,654	1,157,991	1,915,654	-39.6
Buffalo, NY.....	114,310	472,799	297,704	114,310	297,704	-61.6
New York, NY.....	1,842	1,928	14,158	1,842	14,158	-87.0
Norfolk, VA.....	6,996,542	7,744,447	7,126,837	6,996,542	7,126,837	-1.8
Ogdensburg, NY.....	18,109	45,138	7,278	18,109	7,278	148.8
Philadelphia, PA.....	305	32,734	1,229	305	1,229	-75.2
Portland, ME.....	-	26	25	-	25	-
St. Albans, VT.....	-	44	46	-	46	-
<b>Southern Total</b> .....	<b>4,061,849</b>	<b>4,958,088</b>	<b>4,124,434</b>	<b>4,061,849</b>	<b>4,124,434</b>	<b>-1.5</b>
Charleston, SC.....	43	8	-	43	-	-
Dallas-Fort Worth, TX.....	-	1	-	-	-	-
El Paso, TX.....	32,963	57,694	33,754	32,963	33,754	-2.3
Houston-Galveston, TX.....	65,074	50,046	93,776	65,074	93,776	-30.6
Laredo, TX.....	105,456	131,878	135,385	105,456	135,385	-22.1
Miami, FL.....	375	794	6,553	375	6,553	-94.3
Mobile, AL.....	2,181,339	2,032,402	2,073,103	2,181,339	2,073,103	5.2
New Orleans, LA.....	1,676,599	2,683,558	1,779,551	1,676,599	1,779,551	-5.8
Savannah, GA.....	-	841	193	-	193	-
Tampa, FL.....	-	866	1,919	-	1,919	-
Wilmington, NC.....	-	-	200	-	200	-
<b>Western Total</b> .....	<b>259,594</b>	<b>381,200</b>	<b>90,328</b>	<b>259,594</b>	<b>90,328</b>	<b>187.4</b>
Anchorage, AK.....	154,733	248,530	77,184	154,733	77,184	100.5
Great Falls, MT.....	147	24	28	147	28	425.0
Los Angeles, CA.....	2,512	78,341	532	2,512	532	372.2
Nogales, AZ.....	26	-	-	26	-	-
San Diego, CA.....	161	258	923	161	923	-82.6
San Francisco, CA.....	2	25,794	10,175	2	10,175	-100.0
Seattle, WA.....	102,013	28,253	1,486	102,013	1,486	NM
<b>Northern Total</b> .....	<b>630,407</b>	<b>5,414,461</b>	<b>2,118,306</b>	<b>630,407</b>	<b>2,118,306</b>	<b>-70.2</b>
Chicago, IL.....	-	30,038	-	-	-	-
Cleveland, OH.....	45,654	1,038,712	201,665	45,654	201,665	-77.4
Detroit, MI.....	583,049	4,343,696	1,915,651	583,049	1,915,651	-69.6
Duluth, MN.....	1,425	1,637	653	1,425	653	118.2
Pembina, ND.....	279	378	337	279	337	-17.2
<b>Other Ports</b> .....	<b>93,873</b>	<b>124,216</b>	<b>105,579</b>	<b>93,873</b>	<b>105,579</b>	<b>-11.1</b>
<b>Total</b> .....	<b>13,334,822</b>	<b>22,328,502</b>	<b>15,801,578</b>	<b>13,334,822</b>	<b>15,801,578</b>	<b>-15.6</b>

- = No data are reported.

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

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

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

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

Customs District	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Eastern Total</b> .....	<b>2,679,842</b>	<b>4,357,271</b>	<b>2,744,420</b>	<b>2,679,842</b>	<b>2,744,420</b>	<b>-2.4</b>
Baltimore, MD.....	803,392	1,877,881	1,230,163	803,392	1,230,163	-34.7
Buffalo, NY.....	1,157	17,852	57,309	1,157	57,309	-98.0
New York, NY.....	1,796	1,881	14,158	1,796	14,158	-87.3
Norfolk, VA.....	1,857,856	2,385,046	1,435,422	1,857,856	1,435,422	29.4
Ogdensburg, NY.....	15,336	41,807	6,068	15,336	6,068	152.7
Philadelphia, PA.....	305	32,734	1,229	305	1,229	-75.2
Portland, ME.....	-	26	25	-	25	-
St. Albans, VT.....	-	44	46	-	46	-
<b>Southern Total</b> .....	<b>1,311,254</b>	<b>2,506,096</b>	<b>1,757,606</b>	<b>1,311,254</b>	<b>1,757,606</b>	<b>-25.4</b>
Charleston, SC.....	43	8	-	43	-	-
Dallas-Fort Worth, TX.....	-	1	-	-	-	-
El Paso, TX.....	32,963	57,694	33,616	32,963	33,616	-1.9
Houston-Galveston, TX.....	65,074	50,046	93,776	65,074	93,776	-30.6
Laredo, TX.....	95,115	48,874	84,362	95,115	84,362	12.7
Miami, FL.....	375	794	6,553	375	6,553	-94.3
Mobile, AL.....	-	84,837	-	-	-	-
New Orleans, LA.....	1,117,684	2,262,863	1,536,987	1,117,684	1,536,987	-27.3
Savannah, GA.....	-	113	193	-	193	-
Tampa, FL.....	-	866	1,919	-	1,919	-
Wilmington, NC.....	-	-	200	-	200	-
<b>Western Total</b> .....	<b>224,204</b>	<b>380,941</b>	<b>90,328</b>	<b>224,204</b>	<b>90,328</b>	<b>148.2</b>
Anchorage, AK.....	154,733	248,530	77,184	154,733	77,184	100.5
Great Falls, MT.....	126	-	28	126	28	350.0
Los Angeles, CA.....	2,512	78,195	532	2,512	532	372.2
Nogales, AZ.....	26	-	-	26	-	-
San Diego, CA.....	161	169	923	161	923	-82.6
San Francisco, CA.....	2	25,794	10,175	2	10,175	-100.0
Seattle, WA.....	66,644	28,253	1,486	66,644	1,486	NM
<b>Northern Total</b> .....	<b>563,497</b>	<b>4,603,927</b>	<b>2,029,648</b>	<b>563,497</b>	<b>2,029,648</b>	<b>-72.2</b>
Chicago, IL.....	-	30,038	-	-	-	-
Cleveland, OH.....	-	251,236	116,893	-	116,893	-
Detroit, MI.....	561,793	4,320,638	1,911,765	561,793	1,911,765	-70.6
Duluth, MN.....	1,425	1,637	653	1,425	653	118.2
Pembina, ND.....	279	378	337	279	337	-17.2
<b>Other Ports</b> .....	<b>93,873</b>	<b>124,216</b>	<b>105,579</b>	<b>93,873</b>	<b>105,579</b>	<b>-11.1</b>
<b>Total</b> .....	<b>4,872,670</b>	<b>11,972,451</b>	<b>6,727,581</b>	<b>4,872,670</b>	<b>6,727,581</b>	<b>-27.6</b>

- = No data are reported.

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

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

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

**Table 16. Metallurgical Coal Exports by Customs District  
(Short Tons)**

Customs District	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Eastern Total</b> .....	<b>5,609,257</b>	<b>7,093,266</b>	<b>6,618,511</b>	<b>5,609,257</b>	<b>6,618,511</b>	<b>-15.2</b>
Baltimore, MD.....	354,599	1,275,540	685,491	354,599	685,491	-48.3
Buffalo, NY.....	113,153	454,947	240,395	113,153	240,395	-52.9
New York, NY.....	46	47	-	46	-	-
Norfolk, VA.....	5,138,686	5,359,401	5,691,415	5,138,686	5,691,415	-9.7
Ogdensburg, NY.....	2,773	3,331	1,210	2,773	1,210	129.2
<b>Southern Total</b> .....	<b>2,750,595</b>	<b>2,451,992</b>	<b>2,366,828</b>	<b>2,750,595</b>	<b>2,366,828</b>	<b>16.2</b>
El Paso, TX.....	-	-	138	-	138	-
Laredo, TX.....	10,341	83,004	51,023	10,341	51,023	-79.7
Mobile, AL.....	2,181,339	1,947,565	2,073,103	2,181,339	2,073,103	5.2
New Orleans, LA.....	558,915	420,695	242,564	558,915	242,564	130.4
Savannah, GA.....	-	728	-	-	-	-
<b>Western Total</b> .....	<b>35,390</b>	<b>259</b>	<b>-</b>	<b>35,390</b>	<b>-</b>	<b>-</b>
Great Falls, MT.....	21	24	-	21	-	-
Los Angeles, CA.....	-	146	-	-	-	-
San Diego, CA.....	-	89	-	-	-	-
Seattle, WA.....	35,369	-	-	35,369	-	-
<b>Northern Total</b> .....	<b>66,910</b>	<b>810,534</b>	<b>88,658</b>	<b>66,910</b>	<b>88,658</b>	<b>-24.5</b>
Cleveland, OH.....	45,654	787,476	84,772	45,654	84,772	-46.1
Detroit, MI.....	21,256	23,058	3,886	21,256	3,886	447.0
<b>Total</b> .....	<b>8,462,152</b>	<b>10,356,051</b>	<b>9,073,997</b>	<b>8,462,152</b>	<b>9,073,997</b>	<b>-6.7</b>

- = No data are reported.

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

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

**Table 17. U.S. Coke Exports**  
(Short Tons)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>194,625</b>	<b>324,165</b>	<b>161,573</b>	<b>194,625</b>	<b>161,573</b>	<b>20.5</b>
Canada <sup>1</sup> .....	46,592	163,681	43,823	46,592	43,823	6.3
Mexico .....	146,714	158,264	116,702	146,714	116,702	25.7
Other <sup>2</sup> .....	1,319	2,220	1,048	1,319	1,048	25.9
<b>South America Total</b> .....	<b>7,161</b>	<b>24,029</b>	-	<b>7,161</b>	-	-
Brazil .....	7,161	24,029	-	7,161	-	-
<b>Europe Total</b> .....	<b>212</b>	<b>146,802</b>	<b>76,808</b>	<b>212</b>	<b>76,808</b>	<b>-99.7</b>
Belgium .....	-	-	30,512	-	30,512	-
Netherlands .....	77	101,964	-	77	-	-
Turkey .....	-	-	46,296	-	46,296	-
Other <sup>2</sup> .....	135	44,838	-	135	-	-
<b>Asia Total</b> .....	<b>3,906</b>	<b>4,323</b>	<b>77,484</b>	<b>3,906</b>	<b>77,484</b>	<b>-95.0</b>
Japan .....	-	365	76,827	-	76,827	-
Other <sup>2</sup> .....	3,906	3,958	657	3,906	657	494.5
<b>Australia &amp; Oceania Total</b> .....	<b>10</b>	-	-	<b>10</b>	-	-
Other <sup>2</sup> .....	10	-	-	10	-	-
<b>Africa Total</b> .....	<b>29,319</b>	<b>24,487</b>	<b>104</b>	<b>29,319</b>	<b>104</b>	<b>NM</b>
Gabon .....	-	24,487	-	-	-	-
Other <sup>2</sup> .....	29,319	-	104	29,319	104	NM
<b>Total</b> .....	<b>235,233</b>	<b>523,806</b>	<b>315,969</b>	<b>235,233</b>	<b>315,969</b>	<b>-25.6</b>

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

<sup>2</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2008.

- = 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 18. Average Price of U.S. Coke Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>96.77</b>	<b>120.27</b>	<b>127.45</b>	<b>96.77</b>	<b>127.45</b>	<b>-24.1</b>
Canada <sup>1</sup> .....	126.95	151.46	230.95	126.95	230.95	-45.0
Mexico .....	86.39	88.22	88.48	86.39	88.48	-2.4
Other <sup>2</sup> .....	185.42	105.34	139.17	185.42	139.17	33.2
<b>South America Total</b> .....	<b>84.37</b>	<b>363.24</b>	-	<b>84.37</b>	-	-
Brazil .....	84.37	363.24	-	84.37	-	-
<b>Europe Total</b> .....	<b>395.97</b>	<b>173.44</b>	<b>31.75</b>	<b>395.97</b>	<b>31.75</b>	<b>NM</b>
Belgium .....	-	-	31.75	-	31.75	-
Netherlands .....	141.62	138.75	-	141.62	-	-
Turkey .....	-	-	31.75	-	31.75	-
Other <sup>2</sup> .....	541.04	252.33	-	541.04	-	-
<b>Asia Total</b> .....	<b>264.87</b>	<b>252.02</b>	<b>55.19</b>	<b>264.87</b>	<b>55.19</b>	<b>379.9</b>
Japan .....	-	84.30	51.75	-	51.75	-
Other <sup>2</sup> .....	264.87	267.48	457.34	264.87	457.34	-42.1
<b>Australia &amp; Oceania Total</b> .....	<b>298.00</b>	-	-	<b>298.00</b>	-	-
Other <sup>2</sup> .....	298.00	-	-	298.00	-	-
<b>Africa Total</b> .....	<b>28.12</b>	<b>31.75</b>	<b>249.16</b>	<b>28.12</b>	<b>249.16</b>	<b>-88.7</b>
Gabon .....	-	31.75	-	-	-	-
Other <sup>2</sup> .....	28.12	-	249.16	28.12	249.16	-88.7
<b>U.S. Total</b> .....	<b>90.91</b>	<b>143.26</b>	<b>86.51</b>	<b>90.91</b>	<b>86.51</b>	<b>5.1</b>

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

<sup>2</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2008.

- = 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 19. U.S. Coal Imports**  
(Short Tons)

Continent and Country of Origin	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>233,700</b>	<b>490,085</b>	<b>395,606</b>	<b>233,700</b>	<b>395,606</b>	<b>-40.9</b>
Canada .....	233,694	490,085	395,606	233,694	395,606	-40.9
Mexico .....	6	-	-	6	-	-
<b>South America Total</b> .....	<b>5,211,871</b>	<b>7,753,091</b>	<b>6,539,477</b>	<b>5,211,871</b>	<b>6,539,477</b>	<b>-20.3</b>
Argentina .....	57	19	-	57	-	-
Brazil .....	-	209	-	-	-	-
Colombia .....	4,925,168	7,046,653	6,092,569	4,925,168	6,092,569	-19.2
Venezuela .....	286,646	706,210	446,908	286,646	446,908	-35.9
<b>Europe Total</b> .....	<b>2</b>	<b>289</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>
Federal Republic of Germany .....	2	289	-	2	-	-
<b>Asia Total</b> .....	<b>819,417</b>	<b>789,104</b>	<b>666,027</b>	<b>819,417</b>	<b>666,027</b>	<b>23.0</b>
China.....	3,521	9,704	4,939	3,521	4,939	-28.7
India.....	231	-	-	231	-	-
Indonesia.....	815,656	779,396	661,088	815,656	661,088	23.4
Korea, South.....	9	4	-	9	-	-
<b>Australia &amp; Oceania Total</b> .....	<b>59,563</b>	<b>68,414</b>	<b>39,004</b>	<b>59,563</b>	<b>39,004</b>	<b>52.7</b>
Australia.....	59,563	68,414	39,004	59,563	39,004	52.7
<b>Total</b> .....	<b>6,324,553</b>	<b>9,100,983</b>	<b>7,640,114</b>	<b>6,324,553</b>	<b>7,640,114</b>	<b>-17.2</b>

- = 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 20. Average Price of U.S. Coal Imports**  
(Dollars per Short Ton)

Continent and County of Origin	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>101.28</b>	<b>118.34</b>	<b>86.17</b>	<b>101.28</b>	<b>86.17</b>	<b>17.5</b>
Canada .....	101.26	118.34	86.17	101.26	86.17	17.5
Mexico .....	970.67	-	-	970.67	-	-
<b>South America Total</b> .....	<b>60.75</b>	<b>64.97</b>	<b>52.59</b>	<b>60.75</b>	<b>52.59</b>	<b>15.5</b>
Argentina .....	348.33	343.74	-	348.33	-	-
Brazil .....	-	56.73	-	-	-	-
Colombia .....	59.74	62.85	51.89	59.74	51.89	15.1
Venezuela .....	78.07	86.12	62.17	78.07	62.17	25.6
<b>Europe Total</b> .....	<b>5,280.00</b>	<b>74.95</b>	<b>-</b>	<b>5,280.00</b>	<b>-</b>	<b>-</b>
Federal Republic of Germany .....	5,280.00	74.95	-	5,280.00	-	-
<b>Asia Total</b> .....	<b>51.56</b>	<b>37.36</b>	<b>36.05</b>	<b>51.56</b>	<b>36.05</b>	<b>43.0</b>
China.....	444.87	333.03	99.81	444.87	99.81	345.7
India.....	59.22	-	-	59.22	-	-
Indonesia.....	49.85	33.67	35.58	49.85	35.58	40.1
Korea, South.....	548.56	562.00	-	548.56	-	-
<b>Australia &amp; Oceania Total</b> .....	<b>58.11</b>	<b>49.18</b>	<b>56.62</b>	<b>58.11</b>	<b>56.62</b>	<b>2.6</b>
Australia.....	58.11	49.18	56.62	58.11	56.62	2.6
<b>U.S. Total<sup>1</sup></b> .....	<b>61.03</b>	<b>65.33</b>	<b>52.91</b>	<b>61.03</b>	<b>52.91</b>	<b>15.3</b>

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

- = No data are reported.

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

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

**Table 21. Coal Imports by Customs District  
(Short Tons)**

Customs District	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Eastern Total</b> .....	<b>2,553,604</b>	<b>3,022,180</b>	<b>2,180,060</b>	<b>2,553,604</b>	<b>2,180,060</b>	<b>17.1</b>
Baltimore, MD.....	73,215	209,329	-	73,215	-	-
Boston, MA.....	1,320,280	1,422,723	1,042,804	1,320,280	1,042,804	26.6
Buffalo, NY.....	-	83,501	-	-	-	-
New York, NY.....	247,953	272,499	180,316	247,953	180,316	37.5
Norfolk, VA.....	426,697	285,602	393,627	426,697	393,627	8.4
Philadelphia, PA.....	50,201	227,546	52,911	50,201	52,911	-5.1
Portland, ME.....	167,794	231,282	278,728	167,794	278,728	-39.8
Providence, RI.....	267,464	289,698	231,674	267,464	231,674	15.4
<b>Southern Total</b> .....	<b>3,305,560</b>	<b>5,544,223</b>	<b>4,907,557</b>	<b>3,305,560</b>	<b>4,907,557</b>	<b>-32.6</b>
Charleston, SC.....	103,658	503,707	343,627	103,658	343,627	-69.8
Houston-Galveston, TX.....	231	-	-	231	-	-
Laredo, TX.....	6	-	-	6	-	-
Mobile, AL.....	1,793,272	2,741,580	2,583,466	1,793,272	2,583,466	-30.6
New Orleans, LA.....	162,628	312,363	358,972	162,628	358,972	-54.7
San Juan, PR.....	405,181	558,115	476,853	405,181	476,853	-15.0
Savannah, GA.....	9	138,763	-	9	-	-
Tampa, FL.....	840,575	1,289,695	1,044,823	840,575	1,044,823	-19.5
Wilmington, NC.....	-	-	99,816	-	99,816	-
<b>Western Total</b> .....	<b>260,783</b>	<b>152,878</b>	<b>241,911</b>	<b>260,783</b>	<b>241,911</b>	<b>7.8</b>
Great Falls, MT.....	5,261	3,251	2,818	5,261	2,818	86.7
Honolulu, HI.....	231,693	127,707	216,063	231,693	216,063	7.2
Seattle, WA.....	23,829	21,920	23,030	23,829	23,030	3.5
<b>Northern Total</b> .....	<b>204,606</b>	<b>381,702</b>	<b>310,586</b>	<b>204,606</b>	<b>310,586</b>	<b>-34.1</b>
Cleveland, OH.....	-	-	54	-	54	-
Detroit, MI.....	307	133,632	-	307	-	-
Pembina, ND.....	204,299	248,070	310,532	204,299	310,532	-34.2
<b>Total</b> .....	<b>6,324,553</b>	<b>9,100,983</b>	<b>7,640,114</b>	<b>6,324,553</b>	<b>7,640,114</b>	<b>-17.2</b>

- = No data are reported.

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

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

**Table 22. U.S. Coke Imports**  
(Short Tons)

Continent and Country of Origin	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>3,507</b>	<b>2,790</b>	<b>9,783</b>	<b>3,507</b>	<b>9,783</b>	<b>-64.2</b>
Canada .....	3,507	2,790	9,783	3,507	9,783	-64.2
<b>South America Total</b> .....	<b>17,101</b>	<b>91,254</b>	<b>114,263</b>	<b>17,101</b>	<b>114,263</b>	<b>-85.0</b>
Brazil .....	17,101	-	-	17,101	-	-
Colombia .....	-	91,254	114,263	-	114,263	-
<b>Europe Total</b> .....	<b>41</b>	<b>370</b>	<b>85</b>	<b>41</b>	<b>85</b>	<b>-51.8</b>
Federal Republic of Germany .....	3	3	-	3	-	-
Netherlands .....	38	367	83	38	83	-54.2
United Kingdom .....	-	-	2	-	2	-
<b>Asia Total</b> .....	<b>46,498</b>	<b>417,712</b>	<b>725,493</b>	<b>46,498</b>	<b>725,493</b>	<b>-93.6</b>
China.....	44	275,285	544,085	44	544,085	-100.0
Japan .....	46,451	142,427	181,407	46,451	181,407	-74.4
Syria.....	-	-	1	-	1	-
Thailand .....	3	-	-	3	-	-
<b>Total</b> .....	<b>67,147</b>	<b>512,126</b>	<b>849,624</b>	<b>67,147</b>	<b>849,624</b>	<b>-92.1</b>

- = No data are reported.

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

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

**Table 23. Average Price of U.S. Coke Imports**  
(Dollars per Short Ton)

Continent and Country of Destination	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North America Total</b> .....	<b>172.35</b>	<b>166.41</b>	<b>436.94</b>	<b>172.35</b>	<b>436.94</b>	<b>-60.6</b>
Canada .....	172.35	166.41	436.94	172.35	436.94	-60.6
<b>South America Total</b> .....	<b>362.88</b>	<b>450.49</b>	<b>290.84</b>	<b>362.88</b>	<b>290.84</b>	<b>24.8</b>
Brazil .....	362.88	-	-	362.88	-	-
Colombia .....	-	450.49	290.84	-	290.84	-
<b>Europe Total</b> .....	<b>539.49</b>	<b>501.85</b>	<b>395.52</b>	<b>539.49</b>	<b>395.52</b>	<b>36.4</b>
Federal Republic of Germany .....	669.67	688.33	-	669.67	-	-
Netherlands .....	529.21	500.32	380.45	529.21	380.45	39.1
United Kingdom .....	-	-	1,021.00	-	1,021.00	-
<b>Asia Total</b> .....	<b>398.21</b>	<b>569.76</b>	<b>331.65</b>	<b>398.21</b>	<b>331.65</b>	<b>20.1</b>
China.....	365.23	653.80	373.29	365.23	373.29	-2.2
Japan .....	398.19	407.33	206.77	398.19	206.77	92.6
Syria.....	-	-	2,500.00	-	2,500.00	-
Thailand .....	1,181.67	-	-	1,181.67	-	-
<b>U.S. Total</b> .....	<b>377.50</b>	<b>546.26</b>	<b>327.38</b>	<b>377.50</b>	<b>327.38</b>	<b>15.3</b>

- = No data are reported.

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

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

## **Receipts and Prices**

**Table 24. Coal Receipts at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	1,820	2,720	2,141	1,820	2,141	-15.0
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>4,209</b>	<b>5,572</b>	<b>5,024</b>	<b>4,209</b>	<b>5,024</b>	<b>-16.2</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

**Table 25. Average Price of Coal Receipts at Coke Plants by Census Division**  
(Dollars per Short Tons)

Census Division	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	143.24	131.19	109.99	143.24	109.99	30.2
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>137.06</b>	<b>129.10</b>	<b>106.10</b>	<b>137.06</b>	<b>106.10</b>	<b>29.2</b>

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>New England</b> .....	<b>45</b>	<b>36</b>	<b>61</b>	<b>45</b>	<b>61</b>	<b>-26.8</b>
Maine.....	W	W	W	W	W	W
Massachusetts.....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>732</b>	<b>930</b>	<b>783</b>	<b>732</b>	<b>783</b>	<b>-6.5</b>
New York.....	179	258	159	179	159	12.3
Pennsylvania.....	553	672	623	553	623	-11.3
<b>East North Central</b> .....	<b>2,832</b>	<b>3,446</b>	<b>3,527</b>	<b>2,832</b>	<b>3,527</b>	<b>-19.7</b>
Illinois.....	822	959	908	822	908	-9.5
Indiana.....	1,077	1,185	1,400	1,077	1,400	-23.1
Michigan.....	226	447	319	226	319	-29.2
Ohio.....	389	445	501	389	501	-22.4
Wisconsin.....	318	410	398	318	398	-19.9
<b>West North Central</b> .....	<b>2,863</b>	<b>3,506</b>	<b>2,746</b>	<b>2,863</b>	<b>2,746</b>	<b>4.3</b>
Iowa.....	540	813	607	540	607	-11.1
Kansas.....	W	W	39	W	39	W
Minnesota.....	237	426	302	237	302	-21.5
Missouri.....	156	295	252	156	252	-38.3
Nebraska.....	114	112	109	114	109	4.3
North Dakota.....	W	W	W	W	W	W
South Dakota.....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Delaware.....	W	W	W	W	W	W
Florida.....	274	225	268	274	268	2.5
Georgia.....	298	341	376	298	376	-20.6
Maryland.....	218	256	323	218	323	-32.4
North Carolina.....	219	276	281	219	281	-22.0
South Carolina.....	193	281	308	193	308	-37.3
Virginia.....	471	495	510	471	510	-7.6
West Virginia.....	232	243	292	232	292	-20.4
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama.....	386	403	431	386	431	-10.4
Kentucky.....	265	330	330	265	330	-19.7
Mississippi.....	W	W	W	W	W	W
Tennessee.....	680	721	768	680	768	-11.5
<b>West South Central</b> .....	<b>455</b>	<b>W</b>	<b>W</b>	<b>455</b>	<b>W</b>	<b>W</b>
Arkansas.....	93	101	90	93	90	2.8
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	W	304	168	W	168	W
Texas.....	251	386	471	251	471	-46.7
<b>Mountain</b> .....	<b>830</b>	<b>1,007</b>	<b>938</b>	<b>830</b>	<b>938</b>	<b>-11.5</b>
Arizona.....	119	141	157	119	157	-24.5
Colorado.....	W	W	W	W	W	W
Idaho.....	95	85	65	95	65	45.8
Montana.....	W	W	W	W	W	W
Nevada.....	W	W	W	W	W	W
New Mexico.....	W	W	W	W	W	W
Utah.....	118	164	141	118	141	-16.6
Wyoming.....	410	462	418	410	418	-1.9
<b>Pacific</b> .....	<b>514</b>	<b>476</b>	<b>547</b>	<b>514</b>	<b>547</b>	<b>-6.0</b>
Alaska.....	W	W	W	W	W	W
California.....	344	412	466	344	466	-26.2
Hawaii.....	W	W	W	W	W	W
Oregon.....	W	W	W	W	W	W
Washington.....	W	W	W	W	W	W
<b>U.S. Total</b> .....	<b>11,538</b>	<b>13,830</b>	<b>13,285</b>	<b>11,538</b>	<b>13,285</b>	<b>-13.1</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • 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;" 2003-2007 - Form EIA-920, "Combined Heat and Power Plant Report," 2008-Forward - Form 923, "Power Plant Operations Report;" 2003-2007 - Form EIA-6A, "Coal Distribution Report," and Form EIA-7A, "Coal Production Report."

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>New England</b> .....	<b>145.42</b>	<b>122.57</b>	<b>101.48</b>	<b>145.42</b>	<b>101.48</b>	<b>43.3</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>78.63</b>	<b>74.48</b>	<b>61.93</b>	<b>78.63</b>	<b>61.93</b>	<b>27.0</b>
New York .....	93.00	87.86	62.38	93.00	62.38	49.1
Pennsylvania .....	73.53	68.95	61.81	73.53	61.81	19.0
<b>East North Central</b> .....	<b>69.28</b>	<b>69.00</b>	<b>63.83</b>	<b>69.28</b>	<b>63.83</b>	<b>8.5</b>
Illinois .....	46.40	39.75	38.46	46.40	38.46	20.6
Indiana .....	63.84	71.97	70.95	63.84	70.95	-10.0
Michigan .....	116.71	97.52	82.39	116.71	82.39	41.7
Ohio .....	93.59	90.25	70.66	93.59	70.66	32.4
Wisconsin .....	83.30	74.55	73.09	83.30	73.09	14.0
<b>West North Central</b> .....	<b>30.89</b>	<b>32.74</b>	<b>31.14</b>	<b>30.89</b>	<b>31.14</b>	<b>-0.8</b>
Iowa .....	52.64	49.25	47.36	52.64	47.36	11.2
Kansas .....	W	W	54.13	W	54.13	W
Minnesota .....	61.96	54.61	51.35	61.96	51.35	20.7
Missouri .....	63.94	69.72	56.14	63.94	56.14	13.9
Nebraska .....	36.07	36.13	35.17	36.07	35.17	2.6
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Delaware .....	W	W	W	W	W	W
Florida .....	101.11	114.61	86.70	101.11	86.70	16.6
Georgia .....	121.37	139.48	84.17	121.37	84.17	44.2
Maryland .....	54.88	64.08	64.00	54.88	64.00	-14.3
North Carolina .....	108.20	91.84	84.19	108.20	84.19	28.5
South Carolina .....	108.42	106.37	85.25	108.42	85.25	27.2
Virginia .....	97.85	94.08	81.09	97.85	81.09	20.7
West Virginia .....	107.55	101.50	64.80	107.55	64.80	66.0
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama .....	93.74	85.49	75.43	93.74	75.43	24.3
Kentucky .....	94.06	90.71	74.24	94.06	74.24	26.7
Mississippi .....	W	W	W	W	W	W
Tennessee .....	103.58	120.72	74.06	103.58	74.06	39.8
<b>West South Central</b> .....	<b>86.94</b>	<b>W</b>	<b>W</b>	<b>86.94</b>	<b>W</b>	<b>W</b>
Arkansas .....	84.56	92.21	75.88	84.56	75.88	11.4
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	43.04	42.02	W	42.02	W
Texas .....	91.34	60.31	59.22	91.34	59.22	54.2
<b>Mountain</b> .....	<b>42.17</b>	<b>42.77</b>	<b>41.32</b>	<b>42.17</b>	<b>41.32</b>	<b>2.1</b>
Arizona .....	57.29	60.34	53.54	57.29	53.54	7.0
Colorado .....	W	W	W	W	W	W
Idaho .....	49.46	49.22	39.86	49.46	39.86	24.1
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	50.89	44.40	44.86	50.89	44.86	13.5
Wyoming .....	30.29	31.63	30.24	30.29	30.24	0.2
<b>Pacific</b> .....	<b>77.43</b>	<b>71.57</b>	<b>70.16</b>	<b>77.43</b>	<b>70.16</b>	<b>10.4</b>
California .....	66.37	68.11	67.77	66.37	67.77	-2.1
Hawaii .....	W	W	W	W	W	W
Oregon .....	W	W	W	W	W	W
Washington .....	W	W	W	W	W	W
<b>U.S. Total</b> .....	<b>68.24</b>	<b>66.60</b>	<b>59.38</b>	<b>68.24</b>	<b>59.38</b>	<b>14.9</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

Note: • Average price is based on the cost, insurance, and freight (c.i.f. value). Total may not equal sum of components because of independent rounding. Price data are for manufacturing plants only.

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

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

NAICS Code	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
311 Food Manufacturing .....	2,098	2,412	2,175	2,098	2,175	-3.6
312 Beverage and Tobacco Product Mfg .....	40	36	42	40	42	-4.7
313 Textile Mills.....	52	58	78	52	78	-33.2
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	2,127	2,615	2,494	2,127	2,494	-14.7
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,096	2,365	2,357	2,096	2,357	-11.1
326 Plastics and Rubber Products Mfg.....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg.....	2,052	2,870	2,756	2,052	2,756	-25.5
331 Primary Metal Manufacturing <sup>2</sup> .....	1,079	1,412	1,614	1,079	1,614	-33.1
332 Fabricated Metal Product Mfg .....	W	W	W	W	W	W
333 Machinery Manufacturing .....	W	W	77	W	77	W
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-	-	-
336 Transportation Equipment Mfg .....	60	68	95	60	95	-36.2
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>11,413</b>	<b>13,705</b>	<b>13,160</b>	<b>11,413</b>	<b>13,160</b>	<b>-13.3</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • 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 2009	October - December 2008	January - March 2008	Percent Difference January - March: 2009 versus 2008
311 Food Manufacturing .....	55.91	49.72	45.96	21.7
312 Beverage and Tobacco Product Mfg .....	162.05	169.47	90.01	80.0
313 Textile Mills.....	133.91	143.83	97.96	36.7
315 Apparel Manufacturing .....	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W
322 Paper Manufacturing.....	89.18	82.41	69.75	27.9
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W
325 Chemical Mfg.....	83.68	84.04	62.20	34.5
326 Plastics and Rubber Products Mfg.....	W	W	W	W
327 Nonmetallic Mineral Products Mfg.....	77.49	72.07	65.65	18.0
331 Primary Metal Manufacturing <sup>2</sup> .....	70.07	75.54	76.04	-7.8
332 Fabricated Metal Product Mfg .....	W	W	W	W
333 Machinery Manufacturing .....	W	W	57.71	W
334 Computer and Electronic Support Product Mfg .....	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-
336 Transportation Equipment Mfg .....	114.67	111.11	87.09	31.7
337 Furniture and Related Product Mfg.....	W	W	W	W
339 Miscellaneous Manufacturing .....	W	W	W	W
<b>U.S. Total.....</b>	<b>68.24</b>	<b>66.60</b>	<b>59.38</b>	<b>14.9</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Middle Atlantic</b> .....	<b>96</b>	<b>84</b>	<b>116</b>	<b>96</b>	<b>116</b>	<b>-17.1</b>
New York .....	W	W	W	W	W	W
Pennsylvania .....	W	W	W	W	W	W
<b>East North Central</b> .....	<b>341</b>	<b>292</b>	<b>345</b>	<b>341</b>	<b>345</b>	<b>-1.2</b>
Illinois .....	56	62	W	56	W	W
Indiana .....	98	72	90	98	90	9.0
Michigan .....	W	W	W	W	W	W
Ohio .....	79	68	82	79	82	-3.4
Wisconsin .....	W	W	77	W	77	W
<b>West North Central</b> .....	<b>187</b>	<b>160</b>	<b>197</b>	<b>187</b>	<b>197</b>	<b>-4.9</b>
Iowa .....	86	58	80	86	80	7.1
Minnesota .....	W	18	W	W	W	W
Missouri .....	W	W	W	W	W	W
North Dakota .....	39	31	38	39	38	1.0
South Dakota .....	-	W	W	-	W	W
<b>South Atlantic</b> .....	<b>127</b>	<b>103</b>	<b>108</b>	<b>127</b>	<b>108</b>	<b>17.9</b>
District of Columbia .....	W	W	W	W	W	W
Georgia .....	W	W	W	W	W	W
Maryland .....	W	W	W	W	W	W
North Carolina .....	79	57	69	79	69	15.0
South Carolina .....	W	W	W	W	W	W
Virginia .....	24	23	11	24	11	113.8
<b>East South Central</b> .....	<b>W</b>	<b>47</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	18	22	W	22	W
Tennessee .....	30	29	W	30	W	W
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W	W	W
<b>Mountain</b> .....	<b>93</b>	<b>W</b>	<b>91</b>	<b>W</b>	<b>91</b>	<b>W</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	W	W	W	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific</b> .....	<b>153</b>	<b>152</b>	<b>139</b>	<b>153</b>	<b>139</b>	<b>9.8</b>
Alaska .....	153	152	139	153	139	9.8
<b>U.S. Total</b> .....	<b>1,048</b>	<b>923</b>	<b>1,037</b>	<b>1,048</b>	<b>1,037</b>	<b>1.1</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Middle Atlantic .....</b>	<b>139.50</b>	<b>137.13</b>	<b>108.58</b>	<b>139.50</b>	<b>108.58</b>	<b>28.5</b>
New York .....	W	W	W	W	W	W
Pennsylvania .....	W	W	W	W	W	W
<b>East North Central .....</b>	<b>110.74</b>	<b>110.15</b>	<b>78.13</b>	<b>110.74</b>	<b>78.13</b>	<b>41.7</b>
Illinois .....	59.61	53.67	W	59.61	W	W
Indiana .....	73.29	85.81	57.88	73.29	57.88	26.6
Michigan .....	W	W	W	W	W	W
Ohio .....	156.91	160.08	98.43	156.91	98.43	59.4
Wisconsin .....	W	W	100.99	W	100.99	W
<b>West North Central .....</b>	<b>69.50</b>	<b>73.53</b>	<b>58.22</b>	<b>69.50</b>	<b>58.22</b>	<b>19.4</b>
Iowa .....	93.24	90.47	73.36	93.24	73.36	27.1
Minnesota .....	W	53.19	W	W	W	W
Missouri .....	W	W	W	W	W	W
North Dakota .....	43.79	44.75	42.12	43.79	42.12	4.0
South Dakota .....	-	W	W	-	W	W
<b>South Atlantic .....</b>	<b>162.23</b>	<b>170.91</b>	<b>101.31</b>	<b>162.23</b>	<b>101.31</b>	<b>60.1</b>
District of Columbia .....	W	W	W	W	W	W
Georgia .....	W	W	W	W	W	W
Maryland .....	W	W	W	W	W	W
North Carolina .....	150.67	162.40	92.59	150.67	92.59	62.7
South Carolina .....	W	W	W	W	W	W
Virginia .....	177.80	191.20	105.93	177.80	105.93	67.9
<b>East South Central .....</b>	<b>W</b>	<b>140.60</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	138.87	93.89	W	93.89	W
Tennessee .....	131.59	141.68	W	131.59	W	W
<b>West South Central .....</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W	W	W
<b>Mountain .....</b>	<b>91.85</b>	<b>W</b>	<b>59.68</b>	<b>W</b>	<b>59.68</b>	<b>W</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	W	W	W	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific .....</b>	<b>56.81</b>	<b>54.77</b>	<b>58.09</b>	<b>56.81</b>	<b>58.09</b>	<b>-2.2</b>
Alaska .....	56.81	54.77	58.09	56.81	58.09	-2.2
<b>U.S. Total .....</b>	<b>104.17</b>	<b>101.18</b>	<b>76.61</b>	<b>104.17</b>	<b>76.61</b>	<b>36.0</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

Note: • Average price is based on the cost, insurance, and freight (c.i.f. value). Total may not equal sum of components because of independent rounding. Price data are for commercial and institutional users only.

Source: • Energy Information Administration, 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, 2003-2009**  
(Thousand Short Tons)

Year and Quarter	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial			Commercial and Institutional			Total
			CHP <sup>2</sup>	Non-CHP <sup>3</sup>	Total	CHP <sup>4</sup>	Non-CHP <sup>5</sup>	Total	
<b>2003</b>									
<b>Total</b> .....	<b>1,005,116</b>	<b>24,248</b>	<b>24,846</b>	<b>36,415</b>	<b>61,261</b>	<b>1,816</b>	<b>2,420</b>	<b>4,236</b>	<b>1,094,861</b>
<b>2004</b>									
<b>Total</b> .....	<b>1,016,268</b>	<b>23,670</b>	<b>26,613</b>	<b>35,582</b>	<b>62,195</b>	<b>1,917</b>	<b>3,205</b>	<b>5,122</b>	<b>1,107,255</b>
<b>2005</b>									
<b>Total</b> .....	<b>1,037,485</b>	<b>23,434</b>	<b>25,875</b>	<b>34,465</b>	<b>60,340</b>	<b>1,922</b>	<b>2,798</b>	<b>4,719</b>	<b>1,125,978</b>
<b>2006</b>									
January - March .....	250,860	5,714	6,355	8,834	15,188	525	443	968	272,730
April - June .....	240,394	5,768	6,213	8,186	14,400	419	226	645	261,207
July - September .....	279,623	5,783	6,465	8,161	14,626	463	182	645	300,677
October - December .....	255,759	5,692	6,229	9,029	15,258	479	489	968	277,677
<b>Total</b> .....	<b>1,026,636</b>	<b>22,957</b>	<b>25,262</b>	<b>34,210</b>	<b>59,472</b>	<b>1,886</b>	<b>1,341</b>	<b>3,227</b>	<b>1,112,292</b>
<b>2007</b>									
January - March .....	257,516	5,576	5,834	8,743	14,578	547	510	1,058	278,727
April - June .....	246,591	5,736	5,552	8,521	14,074	426	279	705	267,106
July - September .....	283,556	5,678	5,546	8,180	13,725	458	247	705	303,665
October - December .....	257,478	5,726	5,605	8,634	14,238	495	563	1,058	278,500
<b>Total</b> .....	<b>1,045,141</b>	<b>22,715</b>	<b>22,537</b>	<b>34,078</b>	<b>56,615</b>	<b>1,927</b>	<b>1,599</b>	<b>3,526</b>	<b>1,127,998</b>
<b>2008</b>									
January - March .....	263,278	5,536	5,975	8,097	14,072	567	544	1,112	283,998
April - June .....	247,913	5,580	5,817	8,043	13,859	488	256	744	268,097
July - September .....	279,208	5,767	5,987	7,587	13,575	518	200	718	299,268
October - December .....	251,203	5,186	5,786	7,243	13,029	535	397	932	270,351
<b>Total</b> .....	<b>1,041,603</b>	<b>22,070</b>	<b>23,566</b>	<b>30,970</b>	<b>54,536</b>	<b>2,109</b>	<b>1,397</b>	<b>3,506</b>	<b>1,121,714</b>
<b>2009</b>									
January - March .....	237,533	4,398	5,528	6,571	12,099	548	520	1,068	255,099
<b>Total</b> .....	<b>237,533</b>	<b>4,398</b>	<b>5,528</b>	<b>6,571</b>	<b>12,099</b>	<b>548</b>	<b>520</b>	<b>1,068</b>	<b>255,099</b>
<b>2008 January - March</b>	<b>263,278</b>	<b>5,536</b>	<b>5,975</b>	<b>8,097</b>	<b>14,072</b>	<b>567</b>	<b>544</b>	<b>1,112</b>	<b>283,998</b>
<b>2007 January - March</b>	<b>257,516</b>	<b>5,576</b>	<b>5,834</b>	<b>8,743</b>	<b>14,578</b>	<b>547</b>	<b>510</b>	<b>1,058</b>	<b>278,727</b>

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

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

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

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

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

- = No data are reported.

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

Sources: • Energy Information Administration (EIA) • Electric Power Sector and CHP: 2003-2007 - Form EIA-906, "Power Plant Report, 2008-Forward - Form EIA-923, "Power Plant Operations Report;" 2003-2007 - Form EIA-920, "Combined Heat and Power Plant Report," 2008-Forward - Form EIA-923, "Power Plant Operations Report" • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users;" 2003-2007 - Form EIA-6A, "Coal Distribution Report, and Form EIA-7A, "Coal Production Report" • Residential and Commercial: 2003-2007 - Form EIA-6A, "Coal Distribution Report."

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

Census Division	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	2,032	2,457	2,520	2,032	2,520	-19.4
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>4,398</b>	<b>5,186</b>	<b>5,536</b>	<b>4,398</b>	<b>5,536</b>	<b>-20.6</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>New England</b> .....	<b>45</b>	<b>36</b>	<b>58</b>	<b>45</b>	<b>58</b>	<b>-23.3</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>730</b>	<b>836</b>	<b>846</b>	<b>730</b>	<b>846</b>	<b>-13.7</b>
New York .....	204	210	231	204	231	-11.4
Pennsylvania .....	525	625	615	525	615	-14.6
<b>East North Central</b> .....	<b>3,158</b>	<b>3,120</b>	<b>3,889</b>	<b>3,158</b>	<b>3,889</b>	<b>-18.8</b>
Illinois .....	841	918	942	841	942	-10.6
Indiana .....	1,206	1,032	1,440	1,206	1,440	-16.2
Michigan .....	299	370	502	299	502	-40.5
Ohio .....	410	411	523	410	523	-21.7
Wisconsin .....	402	389	483	402	483	-16.8
<b>West North Central</b> .....	<b>3,133</b>	<b>3,294</b>	<b>2,896</b>	<b>3,133</b>	<b>2,896</b>	<b>8.2</b>
Iowa .....	702	724	752	702	752	-6.7
Kansas .....	W	W	29	W	29	W
Minnesota .....	347	373	395	347	395	-12.3
Missouri .....	211	224	262	211	262	-19.4
Nebraska .....	92	111	108	92	108	-14.8
North Dakota .....	W	W	W	W	W	W
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Delaware .....	W	W	W	W	W	W
Florida .....	241	203	293	241	293	-17.7
Georgia .....	313	330	388	313	388	-19.2
Maryland .....	237	235	321	237	321	-26.1
North Carolina .....	241	264	287	241	287	-16.0
South Carolina .....	216	251	316	216	316	-31.5
Virginia .....	460	492	550	460	550	-16.5
West Virginia .....	229	220	290	229	290	-21.0
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama .....	379	399	408	379	408	-7.1
Kentucky .....	261	309	348	261	348	-25.2
Mississippi .....	W	W	W	W	W	W
Tennessee .....	677	712	804	677	804	-15.8
<b>West South Central</b> .....	<b>476</b>	<b>W</b>	<b>W</b>	<b>476</b>	<b>W</b>	<b>W</b>
Arkansas .....	87	98	106	87	106	-17.7
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	W	172	164	W	164	W
Texas .....	223	418	467	223	467	-52.4
<b>Mountain</b> .....	<b>822</b>	<b>1,100</b>	<b>1,056</b>	<b>822</b>	<b>1,056</b>	<b>-22.1</b>
Arizona .....	129	150	167	129	167	-22.8
Colorado .....	W	W	W	W	W	W
Idaho .....	115	160	153	115	153	-24.5
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	84	162	139	84	139	-40.1
Wyoming .....	408	474	448	408	448	-9.1
<b>Pacific</b> .....	<b>427</b>	<b>493</b>	<b>502</b>	<b>427</b>	<b>502</b>	<b>-15.0</b>
Alaska .....	W	W	W	W	W	W
California .....	346	402	443	346	443	-21.8
Hawaii .....	W	W	W	W	W	W
Oregon .....	W	W	W	W	W	W
Washington .....	W	W	W	W	W	W
<b>U.S. Total</b> .....	<b>12,099</b>	<b>13,029</b>	<b>14,072</b>	<b>12,099</b>	<b>14,072</b>	<b>-14.0</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • 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;" 2003-2007 - Form EIA-920, "Combined Heat and Power Plant Report, 2008-Forward - Form EIA-923, "Power Plant Operations Plant;" 2003-2007 - Form EIA-6A, "Coal Distribution Report", and Form EIA-7A, "Coal Production Report."

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

NAICS Code	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
311 Food Manufacturing .....	2,184	2,357	2,362	2,184	2,362	-7.5
312 Beverage and Tobacco Product Mfg .....	46	41	53	46	53	-13.0
313 Textile Mills.....	55	60	76	55	76	-27.6
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	2,308	2,410	2,665	2,308	2,665	-13.4
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,142	2,298	2,527	2,142	2,527	-15.2
326 Plastics and Rubber Products Mfg.....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg.....	2,057	2,592	2,963	2,057	2,963	-30.6
331 Primary Metal Manufacturing <sup>2</sup> .....	1,286	1,199	1,728	1,286	1,728	-25.6
332 Fabricated Metal Product Mfg.....	W	W	W	W	W	W
333 Machinery Manufacturing.....	W	W	57	W	57	W
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-	-	-
336 Transportation Equipment Mfg.....	66	62	97	66	97	-32.4
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>11,975</b>	<b>12,905</b>	<b>13,948</b>	<b>11,975</b>	<b>13,948</b>	<b>-14.1</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Middle Atlantic</b> .....	<b>100</b>	<b>78</b>	<b>106</b>	<b>100</b>	<b>106</b>	<b>-5.4</b>
New York .....	W	W	W	W	W	W
Pennsylvania .....	W	W	W	W	W	W
<b>East North Central</b> .....	<b>344</b>	<b>287</b>	<b>392</b>	<b>344</b>	<b>392</b>	<b>-12.3</b>
Illinois .....	60	50	W	60	W	W
Indiana .....	89	65	107	89	107	-16.3
Michigan .....	W	W	W	W	W	W
Ohio .....	87	68	97	87	97	-9.7
Wisconsin .....	W	W	71	W	71	W
<b>West North Central</b> .....	<b>189</b>	<b>161</b>	<b>204</b>	<b>189</b>	<b>204</b>	<b>-7.3</b>
Iowa .....	73	65	76	73	76	-3.0
Minnesota .....	W	W	W	W	W	W
Missouri .....	W	W	W	W	W	W
North Dakota .....	41	31	41	41	41	-1.7
South Dakota .....	W	W	W	W	W	W
<b>South Atlantic</b> .....	<b>125</b>	<b>109</b>	<b>128</b>	<b>125</b>	<b>128</b>	<b>-2.2</b>
District of Columbia .....	W	W	W	W	W	W
Georgia .....	W	W	W	W	W	W
Maryland .....	W	W	W	W	W	W
North Carolina .....	72	67	78	72	78	-7.4
South Carolina .....	W	W	W	W	W	W
Virginia .....	32	23	25	32	25	27.6
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Kentucky .....	W	W	21	W	21	W
Tennessee .....	30	27	W	30	W	W
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W	W	W
<b>Mountain</b> .....	<b>92</b>	<b>84</b>	<b>89</b>	<b>92</b>	<b>89</b>	<b>3.1</b>
Colorado .....	W	W	W	W	W	W
Idaho .....	W	W	W	W	W	W
Montana .....	W	W	W	W	W	W
Wyoming .....	W	W	W	W	W	W
<b>Pacific</b> .....	<b>161</b>	<b>166</b>	<b>148</b>	<b>161</b>	<b>148</b>	<b>8.5</b>
Alaska .....	161	166	148	161	148	8.5
<b>U.S. Total</b> .....	<b>1,068</b>	<b>932</b>	<b>1,112</b>	<b>1,068</b>	<b>1,112</b>	<b>-3.9</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

Source: • Energy Information Administration, 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, 2003-2009**  
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers					Coal Producers and Distributors	Total
	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial <sup>2</sup>	Commercial and Institutional Users	Total		
<b>2003</b>							
March 31.....	133,536	1,329	4,359	-	139,223	47,429	186,652
June 30.....	144,257	1,474	4,172	-	149,903	45,070	194,973
September 30.....	124,518	1,085	4,878	-	130,481	38,231	168,712
December 31.....	121,567	905	4,718	-	127,191	38,277	165,468
<b>2004</b>							
March 31.....	113,131	1,249	3,937	-	118,317	39,305	157,622
June 30.....	120,263	1,336	4,294	-	125,893	40,698	166,591
September 30.....	106,209	1,196	4,859	-	112,263	39,425	151,688
December 31.....	106,669	1,344	4,842	-	112,855	41,151	154,006
<b>2005</b>							
March 31.....	105,226	1,849	4,501	-	111,577	38,698	150,275
June 30.....	115,524	2,440	5,040	-	123,005	38,422	161,427
September 30.....	98,192	2,461	5,538	-	106,191	34,965	141,156
December 31.....	101,137	2,615	5,582	-	109,333	34,971	144,304
<b>2006</b>							
March 31.....	112,141	2,754	5,118	-	120,013	35,113	155,126
June 30.....	135,734	2,839	5,655	-	144,228	35,307	179,535
September 30.....	126,872	2,772	6,138	-	135,782	33,170	168,952
December 31.....	140,964	2,928	6,506	-	150,398	36,548	186,946
<b>2007</b>							
March 31.....	141,389	2,444	5,756	-	149,588	34,007	183,595
June 30.....	154,812	2,364	5,672	-	162,849	32,484	195,333
September 30.....	142,666	1,972	5,811	-	150,448	30,090	180,538
December 31.....	151,221	1,936	5,624	-	158,781	33,977	192,758
<b>2008</b>							
March 31.....	147,002	1,462	4,818	448	153,730	32,464 <sup>E</sup>	186,194
June 30.....	153,915	1,756	4,983	478	161,133	31,395 <sup>E</sup>	192,528
September 30.....	145,835	1,971	5,208	514	153,528	30,235 <sup>E</sup>	183,763
December 31.....	163,056	2,331	6,007	498	171,891	27,311 <sup>E</sup>	199,202
<b>2009</b>							
March 31.....	176,639	2,119	5,349	478	184,585	28,875 <sup>E</sup>	213,460

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

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

<sup>E</sup> Estimated

- = No data are reported.

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

Sources: • Energy Information Administration (EIA) • Electric Power Sector: 2003-2007 - 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" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users" • Producer and Distributor: Short Term Energy Outlook estimates and 2003-2007 - Form EIA-6A, "Coal Distribution Report," 2008-Forward - "Short Term Energy Outlook" estimates. • Coke Plants: Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants"

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

Census Division	March 31, 2009	December 31, 2008	March 31, 2008	Percent Difference March 31, 2009 versus 2008
Middle Atlantic .....	W	W	W	W
East North Central .....	1,060	1,294	802	32.2
South Atlantic .....	W	W	W	W
East South Central .....	W	W	W	W
<b>U.S. Total.....</b>	<b>2,119</b>	<b>2,331</b>	<b>1,462</b>	<b>45.0</b>

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	March 31, 2009	December 31, 2008	March 31, 2008	Percent Difference March 31, 2009 versus 2008
<b>New England</b> .....	<b>42</b>	<b>43</b>	<b>42</b>	<b>2.2</b>
Maine.....	W	W	W	W
Massachusetts.....	W	W	W	W
<b>Mid Atlantic</b> .....	<b>477</b>	<b>455</b>	<b>336</b>	<b>41.9</b>
New York.....	250	276	155	62.1
Pennsylvania.....	226	179	182	24.7
<b>East North Central</b> .....	<b>1,347</b>	<b>1,743</b>	<b>1,252</b>	<b>7.6</b>
Illinois.....	176	197	176	*
Indiana.....	499	583	312	60.0
Michigan.....	339	524	431	-21.3
Ohio.....	101	122	89	14.6
Wisconsin.....	232	317	246	-5.6
<b>West North Central</b> .....	<b>1,139</b>	<b>1,414</b>	<b>1,113</b>	<b>2.3</b>
Iowa.....	439	608	463	-5.2
Kansas.....	W	W	38	W
Minnesota.....	92	201	110	-16.5
Missouri.....	92	146	85	8.7
Nebraska.....	291	266	264	10.4
North Dakota.....	W	W	W	W
South Dakota.....	W	W	W	W
<b>South Atlantic</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Delaware.....	W	W	W	W
Florida.....	148	114	106	39.0
Georgia.....	111	123	139	-19.7
Maryland.....	63	82	65	-2.9
North Carolina.....	75	97	65	15.5
South Carolina.....	175	194	127	37.8
Virginia.....	141	129	79	78.0
West Virginia.....	90	90	73	24.3
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama.....	152	144	132	15.0
Kentucky.....	79	75	73	7.7
Mississippi.....	W	W	W	W
Tennessee.....	113	116	112	0.7
<b>West South Central</b> .....	<b>463</b>	<b>W</b>	<b>W</b>	<b>W</b>
Arkansas.....	43	37	45	-4.5
Louisiana.....	W	W	W	W
Oklahoma.....	W	267	125	W
Texas.....	185	192	216	-14.2
<b>Mountain</b> .....	<b>392</b>	<b>384</b>	<b>407</b>	<b>-3.7</b>
Arizona.....	62	72	70	-11.5
Colorado.....	W	W	W	W
Idaho.....	92	113	137	-33.1
Montana.....	W	W	W	W
Nevada.....	W	W	W	W
New Mexico.....	W	W	W	W
Utah.....	68	34	44	53.9
Wyoming.....	92	90	47	94.7
<b>Pacific</b> .....	<b>332</b>	<b>252</b>	<b>278</b>	<b>19.6</b>
California.....	199	209	208	-4.1
Hawaii.....	W	W	W	W
Oregon.....	W	W	W	W
Washington.....	W	W	W	W
<b>U.S. Total</b> .....	<b>5,349</b>	<b>6,007</b>	<b>4,818</b>	<b>11.0</b>

\* Absolute percentage less than 0.05.

- = No data are reported.

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: • Energy Information Administration, 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, 2009	December 31, 2008	March 31, 2008	Percent Difference March 31, 2009 versus 2008
311 Food Manufacturing .....	1,014	1,101	966	5.0
312 Beverage and Tobacco Product Mfg .....	22	26	19	16.3
313 Textile Mills.....	25	29	35	-30.1
315 Apparel Manufacturing .....	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W
322 Paper Manufacturing.....	963	1,235	925	4.1
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W
325 Chemical Mfg.....	604	687	509	18.8
326 Plastics and Rubber Products Mfg .....	-	-	-	-
327 Nonmetallic Mineral Products Mfg .....	1,800	1,830	1,607	12.0
331 Primary Metal Manufacturing <sup>2</sup> .....	680	829	494	37.7
332 Fabricated Metal Product Mfg .....	W	W	W	W
333 Machinery Manufacturing .....	W	W	63	W
334 Computer and Electronic Support Product Mfg .....	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-
336 Transportation Equipment Mfg .....	50	56	46	7.9
337 Furniture and Related Product Mfg.....	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W
<b>U.S. Total.....</b>	<b>5,349</b>	<b>6,007</b>	<b>4,818</b>	<b>11.0</b>

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

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

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

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

Census Division	March 31, 2009	December 31, 2008	March 31, 2008	Percent Difference March 31, 2009 versus 2008
Middle Atlantic .....	W	W	W	W
East North Central .....	1,065	658	327	225.5
South Atlantic .....	W	W	W	W
East South Central .....	W	W	W	W
<b>U.S. Total.....</b>	<b>1,669</b>	<b>993</b>	<b>567</b>	<b>194.4</b>
<b>Coke Total .....</b>	<b>1,563</b>	<b>916</b>	<b>478</b>	<b>226.7</b>
<b>Breeze Total .....</b>	<b>106</b>	<b>77</b>	<b>89</b>	<b>20.0</b>

W = Data withheld to avoid disclosure.

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

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

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

Census Division and State	March 31, 2009	December 31, 2008	March 31, 2008	Percent Difference March 31, 2009 versus 2008
<b>Middle Atlantic</b> .....	<b>50</b>	<b>54</b>	<b>45</b>	<b>9.8</b>
New York .....	W	W	W	W
Pennsylvania .....	W	W	W	W
<b>East North Central</b> .....	<b>160</b>	<b>163</b>	<b>118</b>	<b>35.5</b>
Illinois .....	33	40	26	26.2
Indiana .....	W	57	W	W
Michigan .....	W	W	W	W
Ohio .....	20	29	W	W
Wisconsin .....	9	W	14	-36.5
<b>West North Central</b> .....	<b>87</b>	<b>88</b>	<b>77</b>	<b>12.8</b>
Iowa .....	W	W	W	W
Minnesota .....	W	W	W	W
Missouri .....	W	7	W	W
North Dakota .....	6	W	W	W
South Dakota .....	W	W	W	W
<b>South Atlantic</b> .....	<b>86</b>	<b>85</b>	<b>83</b>	<b>3.4</b>
District of Columbia .....	W	W	W	W
Georgia .....	W	W	W	W
Maryland .....	W	W	W	W
North Carolina .....	38	31	45	-15.6
South Carolina .....	W	W	W	W
Virginia .....	24	33	31	-21.2
<b>East South Central</b> .....	<b>18</b>	<b>24</b>	<b>17</b>	<b>2.3</b>
Kentucky .....	W	20	W	W
Tennessee .....	W	4	W	W
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Texas .....	W	W	W	W
<b>Mountain</b> .....	<b>7</b>	<b>6</b>	<b>W</b>	<b>W</b>
Colorado .....	W	W	W	W
Idaho .....	W	W	W	W
Montana .....	W	W	W	W
Wyoming .....	W	W	W	W
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W
<b>U.S. Total</b> .....	<b>478</b>	<b>498</b>	<b>448</b>	<b>6.8</b>

- = No data are reported.

W = Data withheld to avoid disclosure.

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

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

## Quality

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

Census Division and State <sup>1</sup>	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>New England</b>						
Btu .....	13,208	13,109	13,216	13,208	13,216	*
Sulfur .....	0.67	0.67	0.66	0.67	0.66	2.0
Ash .....	6.68	6.69	7.14	6.68	7.14	-6.5
Maine						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Massachusetts						
Btu .....	13,247	13,074	13,350	13,247	13,350	-0.8
Sulfur .....	0.62	0.60	0.70	0.62	0.70	-11.5
Ash .....	6.98	6.94	7.40	6.98	7.40	-5.8
<b>Mid Atlantic</b>						
Btu .....	12,593	12,538	12,641	12,593	12,641	-0.4
Sulfur .....	1.08	1.11	1.14	1.08	1.14	-5.2
Ash .....	8.13	8.49	8.49	8.13	8.49	-4.3
New York						
Btu .....	13,107	13,127	13,190	13,107	13,190	-0.6
Sulfur .....	1.58	1.64	1.52	1.58	1.52	3.5
Ash .....	8.27	8.10	7.87	8.27	7.87	5.0
Pennsylvania						
Btu .....	12,530	12,453	12,583	12,530	12,583	-0.4
Sulfur .....	1.02	1.03	1.10	1.02	1.10	-7.2
Ash .....	8.11	8.55	8.56	8.11	8.56	-5.2
<b>East North Central</b>						
Btu .....	12,187	12,334	12,327	12,187	12,327	-1.1
Sulfur .....	1.51	1.31	1.33	1.51	1.33	13.4
Ash .....	7.68	7.63	7.53	7.68	7.53	2.0
Illinois						
Btu .....	10,742	10,950	11,024	10,742	11,024	-2.6
Sulfur .....	2.25	1.88	2.21	2.25	2.21	1.6
Ash .....	7.86	7.49	7.62	7.86	7.62	3.2
Indiana						
Btu .....	12,573	12,651	12,659	12,573	12,659	-0.7
Sulfur .....	1.37	1.14	1.03	1.37	1.03	33.8
Ash .....	7.84	7.83	7.54	7.84	7.54	3.9
Michigan						
Btu .....	12,666	12,852	12,849	12,666	12,849	-1.4
Sulfur .....	1.01	0.96	1.02	1.01	1.02	-0.5
Ash .....	8.28	7.69	7.91	8.28	7.91	4.7
Ohio						
Btu .....	12,869	12,897	12,915	12,869	12,915	-0.4
Sulfur .....	1.39	1.38	1.43	1.39	1.43	-2.6
Ash .....	7.19	7.32	7.53	7.19	7.53	-4.5
Wisconsin						
Btu .....	10,896	11,340	11,389	10,896	11,389	-4.3
Sulfur .....	1.26	1.47	1.30	1.26	1.30	-3.1
Ash .....	7.07	7.42	6.84	7.07	6.84	3.4
<b>West North Central</b>						
Btu .....	8,238	8,618	8,599	8,238	8,599	-4.2
Sulfur .....	0.86	0.94	0.89	0.86	0.89	-3.2
Ash .....	6.21	6.54	6.58	6.21	6.58	-5.6
Iowa						
Btu .....	9,454	9,929	9,559	9,454	9,559	-1.1
Sulfur .....	1.19	1.45	1.22	1.19	1.22	-2.7
Ash .....	5.91	6.74	6.52	5.91	6.52	-9.3
Kansas						
Btu .....	11,370	12,203	12,508	11,370	12,508	-9.1
Sulfur .....	3.59	1.82	1.93	3.59	1.93	85.7
Ash .....	12.92	12.52	12.35	12.92	12.35	4.6
Minnesota						
Btu .....	9,799	9,658	9,672	9,799	9,672	1.3
Sulfur .....	0.42	0.36	0.37	0.42	0.37	12.7
Ash .....	4.53	5.32	5.01	4.53	5.01	-9.5
Missouri						
Btu .....	11,316	11,273	11,464	11,316	11,464	-1.3
Sulfur .....	2.03	1.82	1.95	2.03	1.95	3.9
Ash .....	7.75	8.55	7.76	7.75	7.76	-0.1
Nebraska						
Btu .....	9,019	8,891	9,025	9,019	9,025	*
Sulfur .....	0.35	0.35	0.32	0.35	0.32	8.8
Ash .....	5.48	5.55	6.09	5.48	6.09	-10.0
North Dakota						
Btu .....	7,269	7,241	7,265	7,269	7,265	*
Sulfur .....	0.71	0.73	0.70	0.71	0.70	1.4
Ash .....	6.34	6.37	6.67	6.34	6.67	-5.0

See footnotes at end of table.

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
South Dakota						
Btu .....	8,319	8,313	8,642	8,319	8,642	-3.7
Sulfur .....	0.45	0.45	0.44	0.45	0.44	2.9
Ash .....	5.28	5.19	5.11	5.28	5.11	3.4
<b>South Atlantic</b>						
Btu .....	12,805	12,766	12,875	12,805	12,875	-0.5
Sulfur .....	1.06	1.04	1.02	1.06	1.02	3.3
Ash .....	9.35	9.38	9.20	9.35	9.20	1.7
Delaware						
Btu .....	12,764	W	12,934	12,764	12,934	-1.3
Sulfur .....	1.78	W	2.04	1.78	2.04	-12.7
Ash .....	9.43	W	8.24	9.43	8.24	14.4
Florida						
Btu .....	12,901	12,802	12,642	12,901	12,642	2.0
Sulfur .....	0.81	0.82	0.86	0.81	0.86	-5.9
Ash .....	9.61	9.31	10.47	9.61	10.47	-8.2
Georgia						
Btu .....	12,654	12,531	12,618	12,654	12,618	0.3
Sulfur .....	1.18	1.08	1.01	1.18	1.01	16.0
Ash .....	9.02	9.94	10.04	9.02	10.04	-10.2
Maryland						
Btu .....	11,917	11,829	12,560	11,917	12,560	-5.1
Sulfur .....	1.91	1.49	1.48	1.91	1.48	29.1
Ash .....	18.75	17.38	15.21	18.75	15.21	23.3
North Carolina						
Btu .....	13,107	13,016	13,100	13,107	13,100	*
Sulfur .....	0.92	0.93	0.85	0.92	0.85	7.7
Ash .....	7.40	7.96	7.40	7.40	7.40	*
South Carolina						
Btu .....	12,806	12,767	13,036	12,806	13,036	-1.8
Sulfur .....	1.03	1.19	1.14	1.03	1.14	-9.3
Ash .....	8.91	9.22	8.10	8.91	8.10	10.0
Virginia						
Btu .....	13,016	13,049	13,118	13,016	13,118	-0.8
Sulfur .....	0.97	1.00	0.92	0.97	0.92	4.6
Ash .....	8.53	8.58	8.19	8.53	8.19	4.1
West Virginia						
Btu .....	12,776	12,801	12,813	12,776	12,813	-0.3
Sulfur .....	0.95	0.92	0.97	0.95	0.97	-2.4
Ash .....	7.71	7.65	7.79	7.71	7.79	-1.1
<b>East South Central</b>						
Btu .....	12,875	12,883	12,946	12,875	12,946	-0.6
Sulfur .....	1.08	1.02	1.06	1.08	1.06	1.9
Ash .....	7.91	8.29	7.90	7.91	7.90	*
Alabama						
Btu .....	12,807	12,805	12,757	12,807	12,757	0.4
Sulfur .....	0.95	0.95	0.89	0.95	0.89	6.3
Ash .....	8.59	9.34	8.53	8.59	8.53	0.7
Kentucky						
Btu .....	12,918	12,877	13,149	12,918	13,149	-1.8
Sulfur .....	0.91	0.89	0.98	0.91	0.98	-7.0
Ash .....	7.06	7.69	7.07	7.06	7.07	-0.1
Mississippi						
Btu .....	W	11,763	11,773	W	11,773	W
Sulfur .....	W	2.09	1.96	W	1.96	W
Ash .....	W	10.23	9.52	W	9.52	W
Tennessee						
Btu .....	12,967	13,009	13,047	12,967	13,047	-0.6
Sulfur .....	1.27	1.15	1.24	1.27	1.24	2.0
Ash .....	7.76	7.48	7.79	7.76	7.79	-0.3
<b>West South Central</b>						
Btu .....	10,910	10,587	11,072	10,910	11,072	-1.5
Sulfur .....	0.99	0.84	0.73	0.99	0.73	35.2
Ash .....	10.32	9.06	9.28	10.32	9.28	11.2
Arkansas						
Btu .....	12,391	12,262	12,154	12,391	12,154	2.0
Sulfur .....	1.76	1.79	1.31	1.76	1.31	34.7
Ash .....	14.33	13.56	11.75	14.33	11.75	21.9
Louisiana						
Btu .....	11,865	12,031	12,212	11,865	12,212	-2.8
Sulfur .....	1.19	1.12	1.17	1.19	1.17	1.7
Ash .....	8.46	8.93	8.57	8.46	8.57	-1.3
Oklahoma						
Btu .....	9,973	9,854	10,338	9,973	10,338	-3.5
Sulfur .....	0.69	0.65	0.87	0.69	0.87	-20.9
Ash .....	5.56	6.02	6.96	5.56	6.96	-20.1

See footnotes at end of table.

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
Texas						
Btu .....	10,676	10,647	11,085	10,676	11,085	-3.7
Sulfur .....	0.81	0.73	0.56	0.81	0.56	45.4
Ash .....	10.79	10.28	9.65	10.79	9.65	11.8
<b>Mountain</b>						
Btu .....	10,211	10,225	10,264	10,211	10,264	-0.5
Sulfur .....	0.70	0.63	0.65	0.70	0.65	8.5
Ash .....	8.03	8.13	8.03	8.03	8.03	*
Arizona						
Btu .....	10,133	10,286	10,204	10,133	10,204	-0.7
Sulfur .....	0.78	0.75	0.85	0.78	0.85	-8.5
Ash .....	15.53	14.83	15.04	15.53	15.04	3.3
Colorado						
Btu .....	11,233	11,604	11,552	11,233	11,552	-2.8
Sulfur .....	0.51	0.53	0.49	0.51	0.49	4.7
Ash .....	10.90	10.41	10.06	10.90	10.06	8.4
Idaho						
Btu .....	9,962	9,974	9,894	9,962	9,894	0.7
Sulfur .....	0.76	0.68	0.79	0.76	0.79	-4.1
Ash .....	5.78	5.03	5.17	5.78	5.17	11.9
Montana						
Btu .....	W	7,142	7,590	W	7,590	W
Sulfur .....	W	0.47	0.48	W	0.48	W
Ash .....	W	8.35	6.52	W	6.52	W
Nevada						
Btu .....	10,731	10,757	11,071	10,731	11,071	-3.1
Sulfur .....	0.45	0.45	0.55	0.45	0.55	-17.2
Ash .....	10.24	11.25	9.77	10.24	9.77	4.8
New Mexico						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Utah						
Btu .....	11,312	11,386	11,326	11,312	11,326	-0.1
Sulfur .....	0.41	0.43	0.43	0.41	0.43	-3.8
Ash .....	8.49	9.43	9.06	8.49	9.06	-6.4
Wyoming						
Btu .....	9,797	9,791	9,821	9,797	9,821	-0.2
Sulfur .....	0.78	0.69	0.65	0.78	0.65	19.5
Ash .....	5.74	5.45	5.04	5.74	5.04	13.9
<b>Pacific</b>						
Btu .....	11,556	11,453	11,515	11,556	11,515	0.4
Sulfur .....	0.48	0.56	0.57	0.48	0.57	-14.8
Ash .....	10.35	10.83	11.12	10.35	11.12	-6.9
California						
Btu .....	11,623	11,604	11,582	11,623	11,582	0.4
Sulfur .....	0.49	0.59	0.60	0.49	0.60	-19.2
Ash .....	10.93	11.30	11.38	10.93	11.38	-3.9
Hawaii						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Oregon						
Btu .....	12,277	W	W	12,277	W	W
Sulfur .....	0.53	W	W	0.53	W	W
Ash .....	9.96	W	W	9.96	W	W
Washington						
Btu .....	11,174	9,832	10,183	11,174	10,183	9.7
Sulfur .....	0.47	0.34	0.31	0.47	0.31	50.0
Ash .....	6.22	5.81	6.43	6.22	6.43	-3.4
<b>U.S. Total</b>						
Btu .....	11,532	11,599	11,788	11,532	11,788	-2.2
Sulfur .....	1.12	1.07	1.07	1.12	1.07	4.5
Ash .....	7.94	8.03	8.03	7.94	8.03	-1.2

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

\* Absolute percentage less than 0.05.

- = No data are reported.

W = Data withheld to avoid disclosure.

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: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users;" and Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

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

Census Division and State <sup>1</sup>	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>Mid Atlantic</b>						
Btu .....	12,948	12,781	12,747	12,948	12,747	1.6
Sulfur .....	0.93	0.98	0.94	0.93	0.94	-1.0
Ash .....	9.35	8.87	8.71	9.35	8.71	7.4
<b>New York</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Pennsylvania</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>East North Central</b>						
Btu .....	12,366	12,393	12,415	12,366	12,415	-0.4
Sulfur .....	1.79	1.73	1.63	1.79	1.63	9.3
Ash .....	8.21	8.17	7.84	8.21	7.84	4.7
<b>Illinois</b>						
Btu .....	11,147	11,124	W	11,147	W	W
Sulfur .....	2.92	3.06	W	2.92	W	W
Ash .....	8.94	8.97	W	8.94	W	W
<b>Indiana</b>						
Btu .....	11,721	11,446	11,508	11,721	11,508	1.8
Sulfur .....	1.93	1.80	1.90	1.93	1.90	1.4
Ash .....	8.01	8.34	8.21	8.01	8.21	-2.5
<b>Michigan</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Ohio</b>						
Btu .....	13,410	13,440	13,297	13,410	13,297	0.9
Sulfur .....	1.20	1.21	1.15	1.20	1.15	4.8
Ash .....	6.98	6.78	6.65	6.98	6.65	4.9
<b>Wisconsin</b>						
Btu .....	W	W	13,452	W	13,452	W
Sulfur .....	W	W	0.90	W	0.90	W
Ash .....	W	W	6.42	W	6.42	W
<b>West North Central</b>						
Btu .....	10,573	10,679	10,611	10,573	10,611	-0.4
Sulfur .....	1.87	1.89	1.98	1.87	1.98	-5.4
Ash .....	7.97	8.21	8.12	7.97	8.12	-1.8
<b>Iowa</b>						
Btu .....	11,443	11,389	11,526	11,443	11,526	-0.7
Sulfur .....	2.40	2.39	2.30	2.40	2.30	4.0
Ash .....	8.41	8.42	8.71	8.41	8.71	-3.4
<b>Minnesota</b>						
Btu .....	W	9,042	W	W	W	W
Sulfur .....	W	0.26	W	W	W	W
Ash .....	W	4.37	W	W	W	W
<b>Missouri</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>North Dakota</b>						
Btu .....	8,643	8,630	8,543	8,643	8,543	1.2
Sulfur .....	0.61	0.61	0.58	0.61	0.58	5.2
Ash .....	8.70	8.90	7.81	8.70	7.81	11.4
<b>South Dakota</b>						
Btu .....	-	W	W	-	W	W
Sulfur .....	-	W	W	-	W	W
Ash .....	-	W	W	-	W	W
<b>South Atlantic</b>						
Btu .....	13,419	13,332	13,360	13,419	13,360	0.4
Sulfur .....	0.93	1.05	1.00	0.93	1.00	-6.8
Ash .....	8.19	8.17	7.92	8.19	7.92	3.4
<b>District of Columbia</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Georgia</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Maryland</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W

See footnotes at end of table.

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

Census Division and State	January - March 2009	October - December 2008	January - March 2008	Year to Date		
				2009	2008	Percent Change
<b>North Carolina</b>						
Btu .....	13,415	13,266	13,271	13,415	13,271	1.1
Sulfur .....	0.99	1.09	1.07	0.99	1.07	-7.3
Ash .....	8.45	8.62	8.57	8.45	8.57	-1.4
<b>South Carolina</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Virginia</b>						
Btu .....	13,087	13,293	13,474	13,087	13,474	-2.9
Sulfur .....	0.94	1.19	0.95	0.94	0.95	-0.8
Ash .....	8.74	8.13	6.97	8.74	6.97	25.4
<b>East South Central</b>						
Btu .....	W	13,188	W	W	W	W
Sulfur .....	W	0.97	W	W	W	W
Ash .....	W	6.94	W	W	W	W
<b>Kentucky</b>						
Btu .....	W	13,612	13,619	W	13,619	W
Sulfur .....	W	0.70	0.70	W	0.70	W
Ash .....	W	5.66	7.63	W	7.63	W
<b>Tennessee</b>						
Btu .....	12,818	12,924	W	12,818	W	W
Sulfur .....	1.06	1.13	W	1.06	W	W
Ash .....	8.10	7.74	W	8.10	W	W
<b>West South Central</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Texas</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Mountain</b>						
Btu .....	10,954	W	12,058	W	12,058	W
Sulfur .....	0.44	W	0.45	W	0.45	W
Ash .....	8.39	W	8.88	W	8.88	W
<b>Colorado</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Idaho</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Montana</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Wyoming</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Pacific</b>						
Btu .....	7,586	7,614	7,681	7,586	7,681	-1.2
Sulfur .....	0.20	0.20	0.26	0.20	0.26	-24.9
Ash .....	8.97	8.56	8.13	8.97	8.13	10.2
<b>Alaska</b>						
Btu .....	7,586	7,614	7,681	7,586	7,681	-1.2
Sulfur .....	0.20	0.20	0.26	0.20	0.26	-24.9
Ash .....	8.97	8.56	8.13	8.97	8.13	10.2
<b>U.S. Total</b>						
Btu .....	11,446	11,460	11,578	11,446	11,578	-1.1
Sulfur .....	1.23	1.21	1.23	1.23	1.23	-0.5
Ash .....	8.35	8.37	8.12	8.35	8.12	2.9

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

\* Absolute percentage less than 0.05.

- = No data are reported.

W = Data withheld to avoid disclosure.

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

