

# Quarterly Coal Report October - December 2008

March 2009

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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 October through December 2008 and the previous quarter, and aggregated historical data for 2002 through the fourth quarter of 2008. Starting with 2<sup>nd</sup> Quarter 2008, the QCR includes new data for coal receipts, prices, consumption, and stocks for commercial and institutional coal users as reported on the quarterly survey, Form EIA-3. Previously, EIA used data submitted on an annual survey, Form EIA-6A, for these data series. 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.” The QCR now contains both new summary data for commercial and institutional coal users and new tables with commercial and institutional data at Census Division and State levels. Because the Form EIA-3 is a quarterly survey, EIA will be reporting the new 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 Form EIA-6A survey.

Beginning with 1<sup>st</sup> Quarter 2008, EIA ceased the collection and reporting of new data on coal synfuel plants, with the permanent closing of all coal synfuel plants.

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

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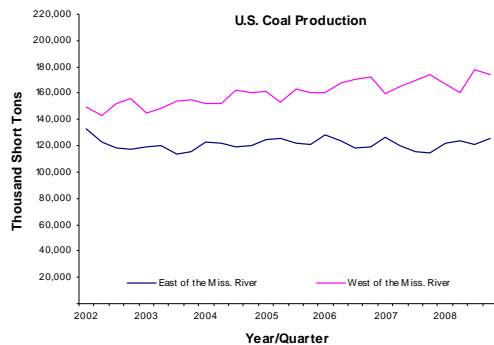
# **Executive Summary**

## Summary

Coal consumption declined sharply in the fourth quarter of 2008 as the U.S. economy underwent an abrupt contraction. In contrast, coal production rose to a new record high level. These contrary movements led to the mainly unintended build-up of coal stocks to their highest levels in decades. Strong coal exports for the quarter prevented an even bigger mismatch between demand and supply. For the entire year, U.S. coal production set a record, while consumption dropped slightly from 2007.

## Production

During the fourth quarter of 2008, the production of coal in the U.S. rose to 299.4 million short tons (mmst), the highest level ever, barely surpassing the previous record of 299.0 mmst set during the preceding quarter. It appears that coal consumers did not anticipate the downturn in fourth-quarter economic activity. Growth during the second quarter was a strong 2.8 %. The economy stayed flat during the third quarter and then fell by 6.3% during quarter four. Despite the economic contraction, producers continued mining coal to meet customers' delivery schedules. It has become clear, in hindsight, that production and consumption were moving apart at a rapid rate. Consequently, production in subsequent quarters could fall sharply to bring supply and demand into better balance.



There were no major supply disruptions during the fourth quarter of 2008 but the economic downturn had a number of adverse consequences for new mines in the industry. In particular, budget shortfalls in several states led to longer waits for new mine applications to be processed and financing for new projects grew increasingly difficult to obtain, not only because of the economy but also because of concerns over the industry's long-term viability. In addition, the global economic problems have had a bigger and more negative impact on the demand for metallurgical coal than steam coal so many metallurgical coal mines around the country have had to either shut or cut back production.

As in recent quarters, the strong demand for U.S. coal around the world favored those producers located closest to the country's coal export facilities. Consequently, Appalachian production increased by more than 3 percent to 98.3 mmst. Despite the modest increase and several quarters of strong foreign demand for U.S. coal, Appalachian production was lower than levels achieved during the 1990s and during the early part of this decade when the region's production averaged well over 100 mmst. Nonetheless, production during the fourth quarter was significantly higher than it was during the third and fourth quarters of 2007 when it totaled 91.4 mmst and 91.7 mmst, respectively, both values representing the lowest production totals in the region's modern history.

Moreover, Appalachian production during the fourth quarter of 2008 would have been even higher if not for a number of factors providing downward pressure. Specifically, rising production costs resulting from a shortage of skilled labor and new underground safety requirements, the difficulty of obtaining permits for new mountaintop mines in West Virginia and environmental regulations favoring lower sulfur coal have all contributed to suppressing production in the region. In the coming quarters, if the economic downturn continues, it is possible that decreased demand for coal around the world and the unplanned build up of domestic coal stocks could put additional downward pressure on production in the region.

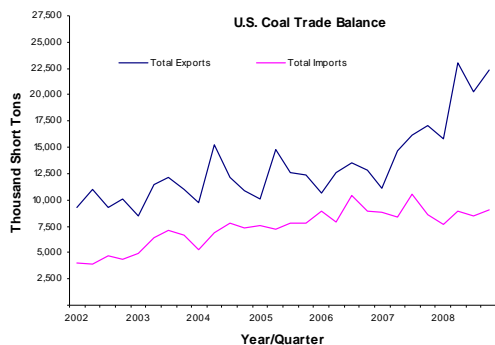
Producers in the western U.S., and in the Powder River Basin in particular, have been experiencing a very different set of circumstances. Unable to economically ship its coal to export facilities in the east and along the Gulf Coast, western producers were left largely on the sidelines as eastern production rose to meet global export demand. However, as an increasing portion of eastern coal was shipped abroad and as eastern coal prices rose more rapidly than western coal prices ([www.eia.doe.gov/cneaf/coal/page/coalnews/coalmar.html](http://www.eia.doe.gov/cneaf/coal/page/coalnews/coalmar.html)) domestic consumers started switching to western coal to meet their demands. This has resulted in western producers experiencing their own demand boom. Specifically, western production had been increasing steadily through late 2007 when it experienced three consecutive quarters of decline, bottoming out at 149.8 mmst during the second quarter of 2008. Then domestic demand for western coal skyrocketed and production increased by almost 11 percent to 165.8 mmst between the second and third quarter of 2008, its largest level in history. During the fourth quarter of 2008 production dropped slightly to 162.2 mmst (a decrease of 2 percent relative to the third quarter) but remained exceptionally high and the second highest total ever.



## *Exports and Imports*

After decreasing significantly between the second and third quarters of 2008, the total quantity of coal exported from the U.S. rebounded during the fourth quarter of the year. While exports were not quite as high as they were during the second quarter – when they were at their highest level since 1981 and accounted for 8.1 percent of total U.S. production – they increased by almost 10 percent to 22.3 mmst during the fourth quarter. This quantity accounted for 7.5 percent of total U.S. production which is significant because, prior to the second quarter of the year, exports had not accounted for more than 7 percent of total coal production since the third quarter of 1998, a span of 38 quarters.

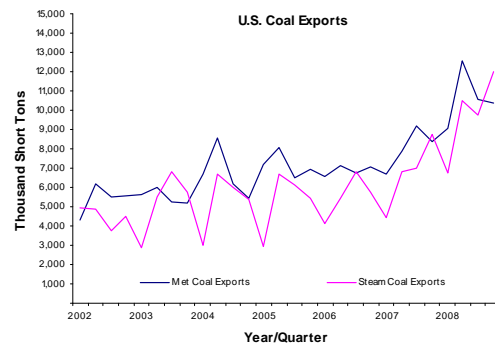
U.S. coal exports were split evenly between steam coal and metallurgical coal during the fourth quarter of 2008 but steam coal experienced a larger increase relative to the third quarter. Between the third and fourth quarters of 2008, exports of steam coal increased by 22 percent to 12.0 mmst, the highest level since 1995 (the earliest year for which comparable data is available) and possibly since 1981 when the U.S. exported a record level of both steam and metallurgical coal, 35.8 mmst (accounting for 15 percent of total production). Of the steam coal exported to America’s largest customers, exports to Europe witnessed the most striking change. Between the third and fourth quarters of 2008, exports to Europe increased by 77 percent, likely due to the continent’s anticipation of the upcoming heating season. Exports to Canada – the single largest recipient of U.S. coal which alone typically accounts for roughly half of U.S. steam coal exports – actually decreased during the same period but that is not uncommon as they tend to peak during the 2<sup>nd</sup> quarter of each year.



The foreign market for U.S. metallurgical coal, however, was very different. With steel industries around the world starting to feel the effects of the global economic downturn, U.S. exports of metallurgical coal decreased

by 2 percent between the third and fourth quarter of 2008. Of all recipients of U.S. metallurgical coal, Europe’s demand decreased the most. After purchasing 6.3 mmst of American metallurgical coal during the third quarter, it purchased 10 percent less during the subsequent quarter.

While the majority of export coal – especially coal destined for Europe – continued to be shipped out of ports along the Gulf Coast and eastern seaboard (especially Mobile, New Orleans, Norfolk and Baltimore), railroads and coal producers also continued to explore possibilities of increasing the amount of coal exported from the west coast. The test shipments of coal from ports in Long Beach and Richmond, California, are trivial compared to the quantities moving out of other ports across the country but are significant when considering the fact that hardly any coal moved out of the state just one year earlier. Specifically, during the fourth quarter of 2007 exports out of the Los Angeles, San Francisco and Seattle customs districts totaled 1,253, 0 and 463 short tons, respectively. By the fourth quarter of 2008, however, exports from these same three ports had grown to 78,341, 25,794 and 28,253 short tons, respectively.



In addition, the fourth quarter of 2008 witnessed a striking increase in coal being exported out of Alaska. After thirteen straight quarters of exports from the state not exceeding 154 thousand short tons and averaging 70 thousand short tons, fourth quarter exports increased to 249 thousand short tons. While this is not a big number when compared to the largest exporting states and facilities, the 93 percent gain relative to the previous quarter is significant. As for the destination of the coal, some of it continued to go to Chile, which is a regular consumer of Alaskan coal, but some shipments also resumed to South Korea, which had not purchased coal from the state in several years. In addition, China and Japan, which had not previously received coal from Alaska, received sizable amounts.

Like exports, coal imports also rebounded slightly during the fourth quarter of 2008 after decreasing during the previous quarter. During the fourth quarter of 2008, coal imports increased by approximately 7 percent to 9 million short tons, the highest level in 5 quarters and the third highest level in the country's history (the U.S. imported 10.6 mmst during the third quarter of 2007 and 10.4 mmst during the third quarter of 2006). As in previous quarters and years, the vast majority of imported coal (almost 80 percent) came from Colombia.

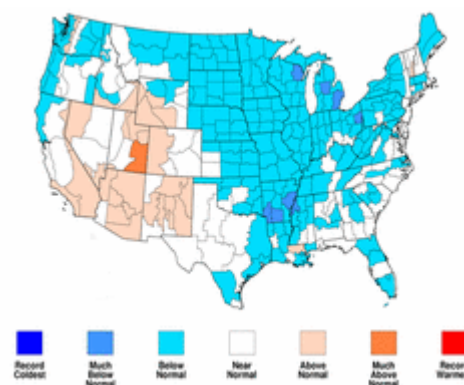
Prior to 2000, coal imports into the U.S. rarely accounted for more than 1 percent of U.S. consumption. Between the first quarter of 2000 and the third quarter of 2008, imports took on a slightly larger role in the country's consumption mix and accounted for, on average, 2.4 percent of total consumption but never rose above 3.5 percent. During the fourth quarter of 2008, however, imports accounted for 3.4 percent of total consumption. This was likely due to the fact that the price of U.S. coal grew to such an extent because of the global demand that some consumers (especially those along the Gulf Coast) were able to find cheaper options from countries such as Colombia.

### *Consumption*

During the fourth quarter of 2008, total U.S. coal consumption fell by almost 10 percent from the previous quarter to 270.3 mmst. The new level was the lowest fourth quarter consumption in the country since 2002. While a seasonal decrease in consumption between the third and fourth quarters of a year is normal, the magnitude of the decrease was particularly large in reaction to the sharp economic contraction in the U.S. economy that took hold in the fourth quarter.

U.S. consumption was also not aided by any severe weather. While parts of the Midwest (particularly, Minnesota and North Dakota) experienced an exceptionally cold December, the country on average experienced relatively normal weather and nothing requiring particularly high heating or cooling requirements.

**Average U.S. Temperatures, October– December 2008**



### *Domestic Prices*

The change to domestic coal prices between the third and fourth quarters of 2008 depended on the sector. The average price of coal delivered to coke plants increased by 5.8 percent to \$129.10 per short ton, and the average price of coal delivered to commercial and institutional users increased by 13.3 percent to \$101.18.

The average monthly price of coal delivered to electric utilities decreased by 2.2 percent from \$43.85 per ton in September 2008 to \$42.88 per ton in December 2008. During October and November of the year, however, prices rose to \$44.18 per ton and \$43.39 per ton, respectively. Note that delivered price data for electric utilities is not found in this report. For more information, please 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).

### *Stocks*

Total consumer coal stocks grew by almost 12 percent between the third and fourth quarters to 171.9 mmst. This is the highest level that U.S. consumer stocks have achieved since mid-2002 and the highest fourth-quarter total since 1987. Much of the buildup in coal stocks was probably unplanned and was likely the result of electric utilities not anticipating the sharp contraction of the U.S. economy that began in the fourth quarter. In the months ahead, electric utilities most likely will curtail orders to bring supply and demand into better balance.

**Table ES-1. U.S. Coal Summary Statistics, 2002-2008**  
(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>2002</b>								
January - March.....	282,573	4,000	2,277	40,284	252,967	9,253	152,645	
April - June.....	266,667	3,857	1,990	41,288	252,960	11,043	158,720	
July - September.....	270,898	4,654	2,364	35,662	290,295	9,257	143,357	
October - December.....	274,145	4,365	2,422	43,257	270,133	10,050	148,870	
<b>Total.....</b>	<b>1,094,283</b>	<b>16,875</b>	<b>9,052</b>		<b>1,066,355</b>	<b>39,601</b>		<b>4,039</b>
<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 <sup>R</sup>	34,007	278,727 <sup>R</sup>	11,139	149,588 <sup>R</sup>	
April - June.....	285,687	8,405	3,387 <sup>R</sup>	32,484	267,106 <sup>R</sup>	14,702	162,849 <sup>R</sup>	
July - September.....	286,035	10,559	3,697 <sup>R</sup>	30,090	303,665 <sup>R</sup>	16,198	150,448 <sup>R</sup>	
October - December.....	288,872	8,597	3,727 <sup>R</sup>	33,977	278,500 <sup>R</sup>	17,124	158,781 <sup>R</sup>	
<b>Total.....</b>	<b>1,146,635</b>	<b>36,347</b>	<b>14,076<sup>R</sup></b>		<b>1,127,998<sup>R</sup></b>	<b>59,163</b>		<b>4,085</b>
<b>2008</b>								
January - March.....	289,106	7,640	3,270 <sup>R</sup>	32,464 <sup>E</sup>	283,998 <sup>R</sup>	15,802	153,730 <sup>R</sup>	
April - June.....	283,933	8,982	3,252 <sup>R</sup>	31,395 <sup>E</sup>	268,097 <sup>R</sup>	23,069	161,133 <sup>R</sup>	
July - September.....	299,002	8,485	3,697 <sup>R</sup>	30,235 <sup>E</sup>	299,268 <sup>R</sup>	20,321	153,528 <sup>R</sup>	
October - December.....	299,443	9,101	3,534	27,311 <sup>E</sup>	270,351	22,329	171,891	
<b>Total.....</b>	<b>1,171,483</b>	<b>34,208</b>	<b>13,743</b>		<b>1,121,714</b>	<b>81,519</b>		<b>9,756</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>R</sup> Revised

<sup>E</sup> Estimated

- = No data are reported.

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

Sources: • Production: 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: 2002-2007 - 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: 2002-2007 - 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: 2002-2007 - 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 2002-2007 - Form EIA-6A, "Coal Distribution Report."

**Table ES-2. U.S. Coke Summary Statistics, 2002-2008**  
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
<b>2002</b>					
January - March.....	3,894	559	909	4,385	140
April - June.....	4,128	425	850	4,408	204
July - September.....	4,374	1,168	647	5,585	160
October - December.....	4,382	1,090	606	5,224	288
<b>Total.....</b>	<b>16,778</b>	<b>3,242</b>		<b>19,603</b>	<b>792</b>
<b>2003</b>					
January - March.....	4,245	885	600	4,989	148
April - June.....	4,298	585	612	4,669	201
July - September.....	4,358	565	562	4,783	190
October - December.....	4,272	723	380	4,995	182
<b>Total.....</b>	<b>17,173</b>	<b>2,759</b>		<b>19,436</b>	<b>722</b>
<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>

<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."

**Table ES-3. Statistics for Coal Synfuel Plants, 2002-2008**  
(Thousand Short Tons)

Year and Quarter	Coal Receipts	Average Price of Coal Receipts	Coal Used	Coal Stocks <sup>1</sup>
<b>2002</b>				
January - March .....	17,635	32.27	17,237	970
April - June .....	20,367	31.48	20,652	771
July - September .....	23,578	31.87	23,248	1,128
October - December .....	23,600	32.02	23,789	951
<b>Total .....</b>	<b>85,180</b>	<b>31.90</b>	<b>84,925</b>	
<b>2003</b>				
January - March .....	26,558	32.10	26,334	1,210
April - June .....	31,327	32.71	31,077	1,455
July - September .....	27,911	33.13	28,110	1,287
October - December .....	29,380	33.52	29,787	1,132
<b>Total .....</b>	<b>115,177</b>	<b>32.88</b>	<b>115,309</b>	
<b>2004</b>				
January - March .....	31,633	34.39	31,374	1,251
April - June .....	31,882	35.99	31,968	1,023
July - September .....	32,006	37.46	32,172	810
October - December .....	30,645	37.63	30,297	1,072
<b>Total .....</b>	<b>126,165</b>	<b>36.36</b>	<b>125,810</b>	
<b>2005</b>				
January - March .....	33,510	41.82	33,523	1,064
April - June .....	36,770	42.60	36,123	1,774
July - September .....	37,259	42.44	37,516	1,488
October - December .....	33,060	44.33	32,580	1,728
<b>Total .....</b>	<b>140,598</b>	<b>42.78</b>	<b>139,743</b>	
<b>2006</b>				
January - March .....	33,677	46.58	33,468	1,951
April - June .....	26,061	47.85	25,492	2,426
July - September .....	16,847	52.65	17,007	2,130
October - December .....	33,397	46.87	33,636	1,701
<b>Total .....</b>	<b>109,982</b>	<b>47.90</b>	<b>109,603</b>	
<b>2007</b>				
January - March .....	36,531	45.78	35,669	2,486
April - June .....	39,582	45.27	39,022	2,764
July - September .....	39,590	45.66	40,330	1,839
October - December .....	30,646	48.50	31,482	387
<b>Total .....</b>	<b>146,350</b>	<b>46.18</b>	<b>146,503</b>	
<b>2008</b>				
January - March .....	49	39.72	-	-
April - June .....	-	-	-	-
July - September .....	-	-	-	-
October - December .....	-	-	-	-
<b>Total .....</b>	<b>49</b>	<b>39.72</b>	<b>-</b>	

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

- = No data are reported.

Note: • Data not collected on survey until 2001. 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."

# Production

**Table 1. U.S. Coal Production, 2002-2008**  
(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Total
2002 .....	282,573	266,667	270,898	274,145	1,094,283
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

- = 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	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Alabama.....	5,335	4,917	4,920	20,611	19,327	6.6
Alaska.....	452	324	357	1,477	1,324	11.6
Arizona.....	2,011	2,352	1,867	8,025	7,983	0.5
Arkansas.....	24	15	21	69	83	-16.3
Colorado.....	7,255	8,098	8,992	32,028	36,384	-12.0
Illinois.....	8,889	8,751	6,559	32,964	32,445	1.6
Indiana.....	9,534	9,155	8,540	36,159	35,003	3.3
Kansas.....	17	64	101	229	420	-45.5
Kentucky Total.....	30,115	30,107	28,286	119,894	115,280	4.0
Eastern.....	22,175	22,751	21,284	89,895	87,068	3.2
Western.....	7,940	7,357	7,002	29,999	28,212	6.3
Louisiana.....	1,085	978	1,076	3,843	3,127	22.9
Maryland.....	961	638	637	2,807	2,301	22.0
Mississippi.....	495	792	785	2,842	3,545	-19.9
Missouri.....	70	65	64	247	236	4.6
Montana.....	11,885	11,749	11,915	44,786	43,390	3.2
New Mexico.....	5,920	7,583	6,268	25,645	24,451	4.9
North Dakota.....	7,575	7,725	7,379	29,627	29,606	0.1
Ohio.....	6,963	6,581	5,979	26,263	22,575	16.3
Oklahoma.....	338	357	399	1,356	1,648	-17.7
Pennsylvania Total.....	16,786	15,170	15,694	65,309	65,048	0.4
Anthracite.....	460	441	401	1,700	1,564	8.7
Bituminous.....	16,326	14,730	15,293	63,610	63,484	0.2
Tennessee.....	564	559	698	2,337	2,654	-12.0
Texas.....	10,224	10,220	10,947	39,017	41,948	-7.0
Utah.....	6,604	5,803	6,605	24,365	24,307	0.2
Virginia.....	6,482	6,139	5,344	24,582	25,346	-3.0
West Virginia Total.....	39,048	38,351	37,154	157,994	153,480	2.9
Northern.....	10,726	9,268	9,803	40,924	42,219	-3.1
Southern.....	28,322	29,083	27,351	117,070	111,260	5.2
Wyoming.....	120,496	122,126	118,018	467,644	453,568	3.1
<b>Appalachian Total.....</b>	<b>98,315</b>	<b>95,106</b>	<b>91,709</b>	<b>389,799</b>	<b>377,800</b>	<b>3.2</b>
<b>Interior Total.....</b>	<b>38,616</b>	<b>37,754</b>	<b>35,493</b>	<b>146,725</b>	<b>146,668</b>	<b>0.0</b>
<b>Western Total.....</b>	<b>162,197</b>	<b>165,759</b>	<b>161,401</b>	<b>633,597</b>	<b>621,012</b>	<b>2.0</b>
<b>East of Miss. River.....</b>	<b>125,173</b>	<b>121,162</b>	<b>114,595</b>	<b>491,762</b>	<b>477,006</b>	<b>3.1</b>
<b>West of Miss. River.....</b>	<b>173,955</b>	<b>177,458</b>	<b>174,009</b>	<b>678,359</b>	<b>668,474</b>	<b>1.5</b>
<b>U.S. Subtotal.....</b>	<b>299,128</b>	<b>298,620</b>	<b>288,604</b>	<b>1,170,121</b>	<b>1,145,480</b>	<b>2.2</b>
<b>Refuse Recovery.....</b>	<b>314</b>	<b>382</b>	<b>269</b>	<b>1,362</b>	<b>1,156</b>	<b>17.9</b>
<b>U.S. Total.....</b>	<b>299,443</b>	<b>299,002</b>	<b>288,872</b>	<b>1,171,483</b>	<b>1,146,635</b>	<b>2.2</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	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	1,816	2,012	1,974	7,578	8,009	-5.4
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>3,935</b>	<b>4,391</b>	<b>4,336</b>	<b>16,731</b>	<b>17,418</b>	<b>-3.9</b>
<b>Coke Total .....</b>	<b>3,694</b>	<b>4,107</b>	<b>4,055</b>	<b>15,646</b>	<b>16,201</b>	<b>-3.4</b>
<b>Breeze Total .....</b>	<b>241</b>	<b>284</b>	<b>281</b>	<b>1,085</b>	<b>1,217</b>	<b>-10.8</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 (EIA), Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

## **Exports and Imports**

**Table 4. U.S. Coal Exports and Imports, 2002-2008**  
(Thousand Short Tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2002 .....	9,253	4,000	11,043	3,857	9,257	4,654	10,050	4,365	39,601	16,875
2003 .....	8,518	4,954	11,450	6,393	12,094	7,051	10,952	6,645	43,014	25,044
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

- = 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 5. Average Price of U.S. Coal Exports and Imports, 2002-2008**  
(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2002 .....	39.57	36.17	40.77	35.83	42.93	35.38	38.58	34.78	40.44	35.51
2003 .....	39.72	31.65	35.67	31.17	33.19	31.23	36.49	31.80	35.98	31.45
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

- = 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 6. Quantity and Average Price of U.S. Coal Imports by Origin, 2002-2008**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
<b>Quantity</b>								
2002 .....	821	2,111	9,205	962	62	3,350	364	16,875
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
<b>2007</b>								
January - March .....	28	280	6,852	807	12	740	67	8,786
April - June .....	20	514	6,094	949	6	703	119	8,405
July - September .....	s	565	7,664	1,247	20	989	74	10,559
October - December .....	18	607	6,254	660	13	994	51	8,597
<b>U.S. Total .....</b>	<b>66</b>	<b>1,967</b>	<b>26,864</b>	<b>3,663</b>	<b>50</b>	<b>3,425</b>	<b>311</b>	<b>36,347</b>
<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>Average Price</b>								
2002 .....	38.52	46.81	30.86	35.35	57.17	38.92	46.25	35.51
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
<b>2007</b>								
January - March .....	31.36	96.36	45.57	23.81	98.23	52.90	55.27	45.91
April - June .....	31.46	91.30	45.68	24.16	85.86	55.38	46.74	46.86
July - September .....	45.45	88.97	46.31	24.81	122.22	55.06	98.43	47.38
October - December .....	32.44	86.78	47.82	34.15	120.56	55.21	57.28	50.51
<b>U.S. Total .....</b>	<b>31.71</b>	<b>89.96</b>	<b>46.33</b>	<b>26.10</b>	<b>111.71</b>	<b>54.70</b>	<b>62.60</b>	<b>47.64</b>
<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>

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 7. U.S. Coal Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>6,865,461</b>	<b>6,901,654</b>	<b>5,084,943</b>	<b>24,353,709</b>	<b>19,100,942</b>	<b>27.5</b>
Canada <sup>1</sup> .....	6,357,059	6,655,938	4,908,955	22,978,510	18,389,323	25.0
Dominican Republic .....	230	-	59,094	230	59,349	-99.6
Jamaica .....	30,369	18	-	105,470	81,486	29.4
Mexico .....	476,706	244,536	113,608	1,229,144	548,546	124.1
Other <sup>2</sup> .....	1,097	1,162	3,286	40,355	22,238	81.5
<b>South America Total</b> .....	<b>1,855,555</b>	<b>1,847,057</b>	<b>1,766,557</b>	<b>7,677,861</b>	<b>7,199,762</b>	<b>6.6</b>
Argentina .....	54,817	101,925	48,621	368,055	302,390	21.7
Brazil .....	1,601,951	1,565,011	1,575,838	6,379,648	6,512,361	-2.0
Chile .....	183,348	176,549	109,559	903,426	328,756	174.8
Other <sup>2</sup> .....	15,439	3,572	32,539	26,732	56,255	-52.5
<b>Europe Total</b> .....	<b>11,137,154</b>	<b>9,392,636</b>	<b>8,519,549</b>	<b>40,306,158</b>	<b>27,118,552</b>	<b>48.6</b>
Austria .....	137,685	41,133	243,510	335,119	261,361	28.2
Belgium .....	604,017	776,972	390,516	3,081,373	2,108,908	46.1
Bulgaria .....	78,587	47,132	155,661	403,131	393,352	2.5
Croatia .....	356,151	475,831	213,250	1,746,604	814,206	114.5
Denmark .....	155,272	79,320	79,841	385,253	79,841	382.5
Federal Republic of Germany .....	835,790	611,975	998,948	2,531,317	2,320,682	9.1
Finland .....	227,855	114,813	70,788	468,237	292,758	59.9
France .....	785,951	707,989	856,162	3,469,123	2,383,773	45.5
Ireland .....	-	75,307	-	156,952	81,060	93.6
Italy .....	820,270	581,226	1,165,833	3,196,761	3,543,678	-9.8
Netherlands .....	1,949,213	1,775,740	1,319,886	7,004,302	4,553,213	53.8
Poland .....	549,688	580,727	214,431	1,830,396	441,595	314.5
Portugal .....	129,494	219,868	159,091	432,013	285,761	51.2
Romania .....	298,336	112,347	382,937	1,754,593	1,407,966	24.6
Russia .....	-	10	73,764	10	77,922	-100.0
Slovakia .....	438,579	132,757	71,680	709,111	312,915	126.6
Slovenia .....	-	79,773	-	79,773	150,126	-46.9
Spain .....	607,057	581,538	256,593	2,383,281	1,483,172	60.7
Sweden .....	157,052	240,056	156,038	735,448	532,892	38.0
Turkey .....	313,375	390,599	236,631	1,914,615	1,447,093	32.3
Ukraine .....	270,056	281,815	574,695	948,380	724,986	30.8
United Kingdom .....	1,997,902	1,256,681	874,190	5,762,920	3,360,815	71.5
Other <sup>2</sup> .....	424,824	229,027	25,104	977,446	60,477	NM
<b>Asia Total</b> .....	<b>1,572,327</b>	<b>1,208,504</b>	<b>328,268</b>	<b>5,269,205</b>	<b>1,201,619</b>	<b>338.5</b>
India .....	402,882	515,946	294,289	1,666,631	883,329	88.7
Korea, South .....	533,633	218,990	88	1,349,455	222,120	NM
Saudi Arabia .....	31,796	53,977	25,786	183,681	62,915	192.0
Other <sup>2</sup> .....	604,016	419,591	8,105	2,069,438	33,255	NM
<b>Australia &amp; Oceania Total</b> .....	<b>200</b>	<b>665</b>	<b>-</b>	<b>1,900</b>	<b>274</b>	<b>NM</b>
Other <sup>2</sup> .....	200	665	-	1,900	274	NM
<b>Africa Total</b> .....	<b>897,805</b>	<b>970,013</b>	<b>1,424,875</b>	<b>3,910,282</b>	<b>4,541,954</b>	<b>-13.9</b>
Algeria .....	140,977	77,492	53,439	394,330	397,680	-0.8
Egypt .....	399,128	407,182	471,146	1,371,737	1,545,784	-11.3
Morocco .....	356,264	484,202	895,660	1,815,952	2,429,046	-25.2
South Africa .....	73	73	-	316,296	156,257	102.4
Other <sup>2</sup> .....	1,363	1,064	4,630	11,967	13,187	-9.3
<b>Total</b> .....	<b>22,328,502</b>	<b>20,320,529</b>	<b>17,124,192</b>	<b>81,519,115</b>	<b>59,163,103</b>	<b>37.8</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 2007.

- = No data are reported.

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

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

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

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

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>51.02</b>	<b>45.52</b>	<b>49.54</b>	<b>47.84</b>	<b>48.35</b>	<b>-1.1</b>
Canada <sup>1</sup> .....	46.25	43.26	48.86	44.62	47.82	-6.7
Dominican Republic .....	145.65	-	68.57	145.65	68.62	112.3
Jamaica .....	102.53	321.94	-	83.02	40.22	106.4
Mexico .....	111.27	106.86	68.35	103.91	65.20	59.4
Other <sup>2</sup> .....	97.56	78.77	74.07	80.44	51.74	55.5
<b>South America Total</b> .....	<b>177.21</b>	<b>153.05</b>	<b>84.22</b>	<b>133.00</b>	<b>85.80</b>	<b>55.0</b>
Argentina .....	280.49	168.31	74.66	167.12	88.52	88.8
Brazil .....	188.11	164.33	87.59	142.91	88.32	61.8
Chile .....	55.75	46.17	46.23	50.27	38.42	30.8
Other <sup>2</sup> .....	121.36	59.83	62.93	93.52	56.73	64.9
<b>Europe Total</b> .....	<b>110.76</b>	<b>117.16</b>	<b>80.93</b>	<b>108.48</b>	<b>81.15</b>	<b>33.7</b>
Austria .....	116.94	113.52	76.16	106.07	73.69	43.9
Belgium .....	109.49	105.36	79.54	103.37	81.55	26.8
Bulgaria .....	163.30	346.54	104.48	144.80	110.22	31.4
Croatia .....	128.02	121.72	115.03	126.22	99.57	26.8
Denmark .....	82.24	58.97	76.75	68.68	76.75	-10.5
Federal Republic of Germany .....	94.55	92.87	70.34	91.01	70.51	29.1
Finland .....	126.51	228.30	86.91	173.50	91.10	90.4
France .....	103.93	119.46	85.44	105.99	86.30	22.8
Ireland .....	-	81.65	-	87.10	66.42	31.1
Italy .....	117.53	132.83	90.04	109.80	93.58	17.3
Netherlands .....	99.29	105.45	75.00	94.03	73.64	27.7
Poland .....	137.29	164.35	89.27	143.82	88.33	62.8
Portugal .....	60.78	60.78	54.20	60.74	54.15	12.2
Romania .....	143.69	116.99	72.66	114.11	62.34	83.1
Russia .....	-	1,235.90	81.77	1,235.90	79.54	NM
Slovakia .....	187.61	117.86	88.40	158.28	91.30	73.4
Slovenia .....	-	144.41	-	144.41	80.74	78.8
Spain .....	88.78	98.00	88.12	94.75	92.36	2.6
Sweden .....	106.62	68.89	92.83	94.40	94.51	-0.1
Turkey .....	271.26	235.96	85.29	201.23	87.65	129.6
Ukraine .....	171.13	146.82	99.33	142.68	99.20	43.8
United Kingdom .....	75.74	84.59	62.34	83.39	68.40	21.9
Other <sup>2</sup> .....	91.61	149.36	105.52	102.84	88.14	16.7
<b>Asia Total</b> .....	<b>181.11</b>	<b>192.77</b>	<b>105.23</b>	<b>163.65</b>	<b>91.88</b>	<b>78.1</b>
India .....	272.21	257.46	111.50	216.54	102.62	111.0
Korea, South .....	132.04	148.94	181.82	144.28	67.14	114.9
Saudi Arabia .....	220.49	115.48	39.92	108.22	39.70	172.6
Other <sup>2</sup> .....	161.63	146.03	84.74	138.62	70.76	95.9
<b>Australia &amp; Oceania Total</b> .....	<b>334.19</b>	<b>60.35</b>	<b>-</b>	<b>78.52</b>	<b>40.93</b>	<b>91.9</b>
Other <sup>2</sup> .....	334.19	60.35	-	78.52	40.93	91.9
<b>Africa Total</b> .....	<b>162.90</b>	<b>157.50</b>	<b>65.00</b>	<b>138.55</b>	<b>66.97</b>	<b>106.9</b>
Algeria .....	134.47	139.59	89.36	128.95	90.55	42.4
Egypt .....	238.31	222.70	91.33	207.58	89.92	130.9
Morocco .....	89.99	105.76	49.82	85.21	47.32	80.1
South Africa .....	143.95	143.96	-	160.95	87.60	83.7
Other <sup>2</sup> .....	79.62	51.59	39.93	45.48	39.93	13.9
<b>U.S. Total</b> .....	<b>104.97</b>	<b>102.51</b>	<b>71.09</b>	<b>97.68</b>	<b>70.25</b>	<b>39.0</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 2007.

- = No data are reported.

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

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

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

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

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>5,335,250</b>	<b>5,710,321</b>	<b>4,170,750</b>	<b>19,934,005</b>	<b>15,085,756</b>	<b>32.1</b>
Canada <sup>1</sup> .....	5,104,835	5,582,463	4,052,350	19,378,257	14,752,843	31.4
Dominican Republic .....	230	-	59,094	230	59,349	-99.6
Jamaica .....	55	18	-	25,940	51,174	-49.3
Mexico .....	229,033	126,678	56,020	521,967	200,758	160.0
Other <sup>2</sup> .....	1,097	1,162	3,286	7,611	21,632	-64.8
<b>South America Total</b> .....	<b>201,393</b>	<b>324,367</b>	<b>174,687</b>	<b>1,254,420</b>	<b>497,149</b>	<b>152.3</b>
Argentina .....	1,794	1,815	387	9,419	9,944	-5.3
Brazil .....	812	142,431	33,404	364,588	105,176	246.6
Chile .....	183,348	176,549	109,559	853,681	328,756	159.7
Other <sup>2</sup> .....	15,439	3,572	31,337	26,732	53,273	-49.8
<b>Europe Total</b> .....	<b>5,425,102</b>	<b>3,067,099</b>	<b>3,441,721</b>	<b>14,799,850</b>	<b>8,746,671</b>	<b>69.2</b>
Austria .....	-	-	105,316	11,510	123,167	-90.7
Belgium .....	284,435	372,378	150,729	1,262,843	538,873	134.3
Croatia .....	73,907	143,402	-	332,368	74,762	344.6
Denmark .....	82,270	-	79,841	153,658	79,841	92.5
Federal Republic of Germany .....	465,168	306,073	487,719	1,395,639	1,156,910	20.6
Finland .....	155,106	-	70,788	203,740	194,083	5.0
France .....	626,370	363	545,528	1,392,072	637,640	118.3
Ireland .....	-	-	-	81,645	81,060	0.7
Italy .....	152,779	9,363	149,815	317,859	151,631	109.6
Netherlands .....	996,987	814,332	981,509	3,617,647	2,515,894	43.8
Poland .....	48,385	-	-	119,908	-	-
Portugal .....	129,494	219,868	159,091	432,013	285,761	51.2
Romania .....	-	-	231,373	80,909	1,178,115	-93.1
Russia .....	-	10	2,114	10	6,272	-99.8
Spain .....	386,675	287,371	2,709	1,091,244	9,825	NM
Sweden .....	-	158,923	-	158,923	-	-
Turkey .....	298	440	3,360	37,597	7,453	404.5
United Kingdom .....	1,711,315	746,198	468,780	3,707,586	1,689,625	119.4
Other <sup>2</sup> .....	311,913	8,378	3,049	402,679	15,759	NM
<b>Asia Total</b> .....	<b>575,230</b>	<b>164,678</b>	<b>34,686</b>	<b>1,057,123</b>	<b>177,221</b>	<b>496.5</b>
India .....	90	419	707	80,179	1,568	NM
Korea, South .....	280,699	-	88	280,718	79,534	253.0
Saudi Arabia .....	15,184	14,748	25,786	100,101	62,915	59.1
Other <sup>2</sup> .....	279,257	149,511	8,105	596,125	33,204	NM
<b>Australia &amp; Oceania Total</b> .....	<b>200</b>	<b>665</b>	<b>-</b>	<b>1,900</b>	<b>274</b>	<b>NM</b>
Other <sup>2</sup> .....	200	665	-	1,900	274	NM
<b>Africa Total</b> .....	<b>435,276</b>	<b>494,234</b>	<b>907,575</b>	<b>1,923,311</b>	<b>2,471,168</b>	<b>-22.2</b>
Algeria .....	71,126	7,252	-	149,642	-	-
Egypt .....	6,450	1,643	7,285	16,119	25,685	-37.2
Morocco .....	356,264	484,202	895,660	1,744,910	2,429,046	-28.2
South Africa .....	73	73	-	673	3,250	-79.3
Other <sup>2</sup> .....	1,363	1,064	4,630	11,967	13,187	-9.3
<b>Total</b> .....	<b>11,972,451</b>	<b>9,761,364</b>	<b>8,729,419</b>	<b>38,970,609</b>	<b>26,978,239</b>	<b>44.5</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 2007.

- = 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 10. Average Price of U.S. Steam Coal Exports**  
(Dollars per Short Tons)

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>37.10</b>	<b>34.39</b>	<b>43.10</b>	<b>37.61</b>	<b>40.94</b>	<b>-8.1</b>
Canada <sup>1</sup> .....	34.47	33.09	42.42	36.00	40.63	-11.4
Dominican Republic .....	145.65	-	68.57	145.65	68.62	112.3
Jamaica .....	239.75	321.94	-	121.61	39.77	205.8
Mexico .....	95.31	91.13	63.39	92.59	54.59	69.6
Other <sup>2</sup> .....	97.56	78.77	74.07	66.46	51.77	28.4
<b>South America Total</b> .....	<b>61.35</b>	<b>77.91</b>	<b>57.34</b>	<b>74.40</b>	<b>50.87</b>	<b>46.3</b>
Argentina .....	73.14	87.71	76.47	82.94	53.58	54.8
Brazil .....	159.87	117.57	91.33	134.78	88.20	52.8
Chile .....	55.75	46.17	46.23	47.93	38.42	24.8
Other <sup>2</sup> .....	121.36	59.83	59.72	93.52	53.50	74.8
<b>Europe Total</b> .....	<b>76.96</b>	<b>68.51</b>	<b>64.97</b>	<b>74.93</b>	<b>59.81</b>	<b>25.3</b>
Austria .....	-	-	56.52	39.91	54.12	-26.2
Belgium .....	87.26	86.63	60.14	85.35	59.94	42.4
Croatia .....	82.55	82.55	-	97.36	43.54	123.6
Denmark .....	102.88	-	76.75	87.54	76.75	14.1
Federal Republic of Germany .....	74.40	65.51	60.95	75.23	56.69	32.7
Finland .....	90.82	-	86.91	114.18	89.91	27.0
France .....	94.52	79.75	83.13	92.93	83.16	11.7
Ireland .....	-	-	-	92.14	66.42	38.7
Italy .....	101.97	96.47	69.82	105.53	69.47	51.9
Netherlands .....	71.11	72.68	68.47	71.77	63.82	12.5
Poland .....	78.65	-	-	129.68	-	-
Portugal .....	60.78	60.78	54.20	60.74	54.15	12.2
Romania .....	-	-	57.79	115.21	56.08	105.4
Russia .....	-	1,235.90	39.91	1,235.90	39.91	NM
Spain .....	69.24	67.44	43.02	65.56	41.97	56.2
Sweden .....	-	50.80	-	50.80	-	-
Turkey .....	244.63	220.43	38.59	78.09	39.82	96.1
United Kingdom .....	69.92	59.75	45.06	62.53	46.85	33.5
Other <sup>2</sup> .....	81.92	40.41	39.92	77.12	39.92	93.2
<b>Asia Total</b> .....	<b>87.86</b>	<b>140.73</b>	<b>50.91</b>	<b>106.22</b>	<b>53.24</b>	<b>99.5</b>
India .....	536.80	304.22	47.80	192.22	75.89	153.3
Korea, South .....	63.00	-	181.82	63.03	56.17	12.2
Saudi Arabia .....	39.91	49.40	39.92	45.68	39.70	15.1
Other <sup>2</sup> .....	115.31	149.28	84.74	125.16	70.80	76.8
<b>Australia &amp; Oceania Total</b> .....	<b>334.19</b>	<b>60.35</b>	<b>-</b>	<b>78.52</b>	<b>40.93</b>	<b>91.9</b>
Other <sup>2</sup> .....	334.19	60.35	-	78.52	40.93	91.9
<b>Africa Total</b> .....	<b>98.89</b>	<b>104.47</b>	<b>49.70</b>	<b>88.73</b>	<b>47.21</b>	<b>88.0</b>
Algeria .....	147.63	39.92	-	150.13	-	-
Egypt .....	56.83	39.91	40.76	47.03	41.36	13.7
Morocco .....	89.99	105.76	49.82	84.15	47.32	77.8
South Africa .....	143.95	143.96	-	71.76	37.22	92.8
Other <sup>2</sup> .....	79.62	51.59	39.93	45.48	39.93	13.9
<b>U.S. Total</b> .....	<b>60.26</b>	<b>51.90</b>	<b>52.72</b>	<b>57.35</b>	<b>47.90</b>	<b>19.7</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 2007.

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

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>1,530,211</b>	<b>1,191,333</b>	<b>914,193</b>	<b>4,419,704</b>	<b>4,015,186</b>	<b>10.1</b>
Canada <sup>1</sup> .....	1,252,224	1,073,475	856,605	3,600,253	3,636,480	-1.0
Jamaica .....	30,314	-	-	79,530	30,312	162.4
Mexico .....	247,673	117,858	57,588	707,177	347,788	103.3
Other <sup>2</sup> .....	-	-	-	32,744	606	NM
<b>South America Total</b> .....	<b>1,654,162</b>	<b>1,522,690</b>	<b>1,591,870</b>	<b>6,423,441</b>	<b>6,702,613</b>	<b>-4.2</b>
Argentina .....	53,023	100,110	48,234	358,636	292,446	22.6
Brazil .....	1,601,139	1,422,580	1,542,434	6,015,060	6,407,185	-6.1
Chile .....	-	-	-	49,745	-	-
Other <sup>2</sup> .....	-	-	1,202	-	2,982	-
<b>Europe Total</b> .....	<b>5,712,052</b>	<b>6,325,537</b>	<b>5,077,828</b>	<b>25,506,308</b>	<b>18,371,881</b>	<b>38.8</b>
Austria .....	137,685	41,133	138,194	323,609	138,194	134.2
Belgium .....	319,582	404,594	239,787	1,818,530	1,570,035	15.8
Bulgaria .....	78,587	47,132	155,661	403,131	393,352	2.5
Croatia .....	282,244	332,429	213,250	1,414,236	739,444	91.3
Denmark .....	73,002	79,320	-	231,595	-	-
Federal Republic of Germany .....	370,622	305,902	511,229	1,135,678	1,163,772	-2.4
Finland .....	72,749	114,813	-	264,497	98,675	168.0
France .....	159,581	707,626	310,634	2,077,051	1,746,133	19.0
Ireland .....	-	75,307	-	75,307	-	-
Italy .....	667,491	571,863	1,016,018	2,878,902	3,392,047	-15.1
Netherlands .....	952,226	961,408	338,377	3,386,655	2,037,319	66.2
Poland .....	501,303	580,727	214,431	1,710,488	441,595	287.3
Romania .....	298,336	112,347	151,564	1,673,684	229,851	NM
Russia .....	-	-	71,650	-	71,650	-
Slovakia .....	438,579	132,757	71,680	709,111	312,915	126.6
Slovenia .....	-	79,773	-	79,773	150,126	-46.9
Spain .....	220,382	294,167	253,884	1,292,037	1,473,347	-12.3
Sweden .....	157,052	81,133	156,038	576,525	532,892	8.2
Turkey .....	313,077	390,159	233,271	1,877,018	1,439,640	30.4
Ukraine .....	270,056	281,815	574,695	948,380	724,986	30.8
United Kingdom .....	286,587	510,483	405,410	2,055,334	1,671,190	23.0
Other <sup>2</sup> .....	112,911	220,649	22,055	574,767	44,718	NM
<b>Asia Total</b> .....	<b>997,097</b>	<b>1,043,826</b>	<b>293,582</b>	<b>4,212,082</b>	<b>1,024,398</b>	<b>311.2</b>
India .....	402,792	515,527	293,582	1,586,452	881,761	79.9
Korea, South .....	252,934	218,990	-	1,068,737	142,586	NM
Saudi Arabia .....	16,612	39,229	-	83,580	-	-
Other <sup>2</sup> .....	324,759	270,080	-	1,473,313	51	NM
<b>Africa Total</b> .....	<b>462,529</b>	<b>475,779</b>	<b>517,300</b>	<b>1,986,971</b>	<b>2,070,786</b>	<b>-4.0</b>
Algeria .....	69,851	70,240	53,439	244,688	397,680	-38.5
Egypt .....	392,678	405,539	463,861	1,355,618	1,520,099	-10.8
Morocco .....	-	-	-	71,042	-	-
South Africa .....	-	-	-	315,623	153,007	106.3
<b>Total</b> .....	<b>10,356,051</b>	<b>10,559,165</b>	<b>8,394,773</b>	<b>42,548,506</b>	<b>32,184,864</b>	<b>32.2</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 2007.

- = No data are reported.

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

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

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

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

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>99.56</b>	<b>98.89</b>	<b>78.95</b>	<b>93.98</b>	<b>76.20</b>	<b>23.3</b>
Canada <sup>1</sup> .....	94.26	96.16	79.33	91.00	76.96	18.2
Jamaica .....	102.28	-	-	70.43	40.98	71.9
Mexico .....	126.02	123.77	73.17	112.26	71.32	57.4
Other <sup>2</sup> .....	-	-	-	83.69	50.82	64.7
<b>South America Total</b> .....	<b>191.31</b>	<b>169.06</b>	<b>87.17</b>	<b>144.44</b>	<b>88.39</b>	<b>63.4</b>
Argentina .....	287.51	169.77	74.64	169.33	89.71	88.7
Brazil .....	188.13	169.01	87.51	143.40	88.32	62.4
Chile .....	-	-	-	90.46	-	-
Other <sup>2</sup> .....	-	-	146.66	-	114.42	-
<b>Europe Total</b> .....	<b>142.86</b>	<b>140.74</b>	<b>91.76</b>	<b>127.94</b>	<b>91.30</b>	<b>40.1</b>
Austria .....	116.94	113.52	91.13	108.42	91.13	19.0
Belgium .....	129.27	122.59	91.74	115.88	88.97	30.3
Bulgaria .....	163.30	346.54	104.48	144.80	110.22	31.4
Croatia .....	139.92	138.62	115.03	133.00	105.23	26.4
Denmark .....	58.97	58.97	-	56.17	-	-
Federal Republic of Germany .....	119.84	120.25	79.29	110.40	84.24	31.0
Finland .....	202.62	228.30	-	219.19	93.44	134.6
France .....	140.90	119.48	89.48	114.74	87.44	31.2
Ireland .....	-	81.65	-	81.65	-	-
Italy .....	121.10	133.42	93.02	110.27	94.65	16.5
Netherlands .....	128.79	133.22	93.94	117.81	85.78	37.3
Poland .....	142.95	164.35	89.27	144.81	88.33	63.9
Romania .....	143.69	116.99	95.37	114.06	94.41	20.8
Russia .....	-	-	83.01	-	83.01	-
Slovakia .....	187.61	117.86	88.40	158.28	91.30	73.4
Slovenia .....	-	144.41	-	144.41	80.74	78.8
Spain .....	123.07	127.85	88.60	119.39	92.70	28.8
Sweden .....	106.62	104.33	92.83	106.41	94.51	12.6
Turkey .....	271.28	235.98	85.96	203.69	87.90	131.7
Ukraine .....	171.13	146.82	99.33	142.68	99.20	43.8
United Kingdom .....	110.49	120.91	82.32	121.01	90.19	34.2
Other <sup>2</sup> .....	118.35	153.49	114.59	120.85	105.13	14.9
<b>Asia Total</b> .....	<b>234.91</b>	<b>200.98</b>	<b>111.65</b>	<b>178.07</b>	<b>98.57</b>	<b>80.7</b>
India .....	272.16	257.43	111.65	217.77	102.67	112.1
Korea, South .....	208.65	148.94	-	165.62	73.26	126.1
Saudi Arabia .....	385.55	140.33	-	183.12	-	-
Other <sup>2</sup> .....	201.46	144.24	-	144.07	50.88	183.1
<b>Africa Total</b> .....	<b>223.14</b>	<b>212.58</b>	<b>91.84</b>	<b>186.78</b>	<b>90.55</b>	<b>106.3</b>
Algeria .....	121.06	149.88	89.36	115.99	90.55	28.1
Egypt .....	241.29	223.44	92.13	209.49	90.74	130.9
Morocco .....	-	-	-	111.13	-	-
South Africa .....	-	-	-	161.14	88.67	81.7
<b>U.S. Total</b> .....	<b>156.65</b>	<b>149.30</b>	<b>90.19</b>	<b>134.62</b>	<b>88.99</b>	<b>51.3</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 2007.

- = No data are reported.

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

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

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

Customs District	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>Eastern Total</b> .....	<b>11,450,537</b>	<b>9,934,760</b>	<b>9,419,972</b>	<b>42,694,327</b>	<b>31,061,977</b>	<b>37.4</b>
Baltimore, MD.....	3,153,421	2,716,447	2,434,235	10,990,192	7,881,116	39.4
Buffalo, NY.....	472,799	491,286	400,747	1,647,866	1,368,293	20.4
New York, NY.....	1,928	2,053	39,075	21,399	107,322	-80.1
Norfolk, VA.....	7,744,447	6,621,963	6,469,644	29,679,949	21,586,975	37.5
Ogdensburg, NY.....	45,138	72,169	76,136	266,678	112,721	136.6
Philadelphia, PA.....	32,734	30,645	-	87,905	5,247	NM
Portland, ME.....	26	112	69	163	167	-2.4
St. Albans, VT.....	44	85	66	175	136	28.7
<b>Southern Total</b> .....	<b>4,958,088</b>	<b>4,234,780</b>	<b>3,450,919</b>	<b>18,031,167</b>	<b>11,786,848</b>	<b>53.0</b>
Charleston, SC.....	8	-	793	41	2,587	-98.4
Dallas-Fort Worth, TX.....	1	-	-	1	-	-
El Paso, TX.....	57,694	52,264	61,194	172,996	191,079	-9.5
Houston-Galveston, TX.....	50,046	44,356	81,085	246,401	220,387	11.8
Laredo, TX.....	131,878	151,449	5,881	547,127	34,455	NM
Miami, FL.....	794	72	2,929	7,999	20,394	-60.8
Mobile, AL.....	2,032,402	2,091,468	1,928,857	8,276,658	7,384,103	12.1
New Orleans, LA.....	2,683,558	1,892,897	1,369,896	8,771,678	3,916,968	123.9
Savannah, GA.....	841	496	-	1,530	8,273	-81.5
Tampa, FL.....	866	1,778	284	6,393	8,602	-25.7
Wilmington, NC.....	-	-	-	343	-	-
<b>Western Total</b> .....	<b>381,200</b>	<b>190,039</b>	<b>4,243</b>	<b>877,860</b>	<b>265,203</b>	<b>231.0</b>
Anchorage, AK.....	248,530	128,762	2,199	578,723	162,132	256.9
Great Falls, MT.....	24	125	-	626	553	13.2
Los Angeles, CA.....	78,341	59,888	1,253	229,837	17,845	NM
Nogales, AZ.....	-	-	22	-	22	-
San Diego, CA.....	258	441	463	1,852	4,043	-54.2
San Francisco, CA.....	25,794	3	-	36,241	79,709	-54.5
Seattle, WA.....	28,253	820	306	30,581	899	NM
<b>Northern Total</b> .....	<b>5,414,461</b>	<b>5,824,036</b>	<b>4,083,377</b>	<b>19,479,775</b>	<b>15,598,991</b>	<b>24.9</b>
Chicago, IL.....	30,038	-	-	30,038	32,612	-7.9
Cleveland, OH.....	1,038,712	946,173	587,146	2,830,176	2,348,771	20.5
Detroit, MI.....	4,343,696	4,876,435	3,495,429	16,613,505	13,211,993	25.7
Duluth, MN.....	1,637	1,105	578	4,883	4,872	0.2
Pembina, ND.....	378	323	224	1,173	743	57.9
<b>Other Ports</b> .....	<b>124,216</b>	<b>136,914</b>	<b>111,249</b>	<b>435,986</b>	<b>395,652</b>	<b>10.2</b>
<b>Total</b> .....	<b>22,328,502</b>	<b>20,320,529</b>	<b>17,124,192</b>	<b>81,519,115</b>	<b>59,163,103</b>	<b>37.8</b>

- = No data are reported.

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

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

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

**Table 14. U.S. Coke Exports**  
(Short Tons)

Continent and Country of Destination	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>324,165</b>	<b>511,724</b>	<b>374,233</b>	<b>1,438,146</b>	<b>1,014,168</b>	<b>41.8</b>
Canada <sup>1</sup> .....	163,681	278,008	246,916	757,797	588,773	28.7
Mexico .....	158,264	230,614	126,566	673,371	421,222	59.9
Other <sup>2</sup> .....	2,220	3,102	751	6,978	4,173	67.2
<b>South America Total</b> .....	<b>24,029</b>	<b>41,459</b>	<b>-</b>	<b>65,772</b>	<b>22</b>	<b>NM</b>
Other <sup>2</sup> .....	24,029	41,459	-	65,772	22	NM
<b>Europe Total</b> .....	<b>146,802</b>	<b>48,393</b>	<b>21,084</b>	<b>293,460</b>	<b>147,909</b>	<b>98.4</b>
Other <sup>2</sup> .....	146,802	48,393	21,084	293,460	147,909	98.4
<b>Asia Total</b> .....	<b>4,323</b>	<b>25,208</b>	<b>18,750</b>	<b>111,056</b>	<b>159,886</b>	<b>-30.5</b>
China .....	-	42	84	259	140,126	-99.8
Other <sup>2</sup> .....	4,323	25,166	18,666	110,797	19,760	460.7
<b>Australia &amp; Oceania Total</b> .....	<b>-</b>	<b>-</b>	<b>34</b>	<b>-</b>	<b>64</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	34	-	64	-
<b>Africa Total</b> .....	<b>24,487</b>	<b>25,904</b>	<b>51,929</b>	<b>50,504</b>	<b>121,762</b>	<b>-58.5</b>
Gabon .....	24,487	25,904	51,929	50,391	103,574	-51.3
Other <sup>2</sup> .....	-	-	-	113	18,188	-99.4
<b>Total</b> .....	<b>523,806</b>	<b>652,688</b>	<b>466,030</b>	<b>1,958,938</b>	<b>1,443,811</b>	<b>35.7</b>

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

<sup>2</sup> Includes countries with coke exports less than or equal to 50,000 short tons in 2007.

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

Continent and Country of Origin	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>490,085</b>	<b>600,342</b>	<b>607,317</b>	<b>2,027,148</b>	<b>2,017,867</b>	<b>0.5</b>
Bahamas.....	-	-	-	-	50,596	-
Canada .....	490,085	600,342	607,317	2,027,148	1,967,271	3.0
<b>South America Total</b> .....	<b>7,753,091</b>	<b>6,869,483</b>	<b>7,247,457</b>	<b>28,573,932</b>	<b>30,289,029</b>	<b>-5.7</b>
Argentina.....	19	18	-	56	20	180.0
Brazil .....	209	-	-	209	-	-
Colombia.....	7,046,653	6,262,734	6,253,632	26,261,802	26,863,901	-2.2
Venezuela .....	706,210	606,731	993,825	2,311,865	3,425,108	-32.5
<b>Europe Total</b> .....	<b>289</b>	<b>37,443</b>	<b>1</b>	<b>38,511</b>	<b>209,577</b>	<b>-81.6</b>
Federal Republic of Germany .....	289	8	1	297	32	NM
France .....	-	10	-	789	-	-
Norway .....	-	-	-	-	35,557	-
Russia.....	-	71	-	71	134,591	-99.9
Ukraine .....	-	37,354	-	37,354	37,527	-0.5
United Kingdom .....	-	-	-	-	1,870	-
<b>Asia Total</b> .....	<b>789,104</b>	<b>952,584</b>	<b>672,780</b>	<b>3,418,699</b>	<b>3,713,578</b>	<b>-7.9</b>
China.....	9,704	16,870	12,819	45,113	50,257	-10.2
India.....	-	-	-	-	214	-
Indonesia.....	779,396	935,710	659,961	3,373,574	3,663,107	-7.9
Korea, South.....	4	4	-	8	-	-
Syria.....	-	-	-	4	-	-
<b>Australia &amp; Oceania Total</b> .....	<b>68,414</b>	<b>24,692</b>	<b>69,380</b>	<b>149,344</b>	<b>116,796</b>	<b>27.9</b>
Australia.....	68,414	24,692	18,310	149,344	65,726	127.2
New Zealand.....	-	-	51,070	-	51,070	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>45</b>	<b>-</b>	<b>-</b>
South Africa.....	-	-	-	45	-	-
<b>Total</b> .....	<b>9,100,983</b>	<b>8,484,544</b>	<b>8,596,935</b>	<b>34,207,679</b>	<b>36,346,847</b>	<b>-5.9</b>

- = No data are reported.

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

Note: • Total may not equal sum of components because of independent rounding. 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 16. Average Price of U.S. Coal Imports**  
(Dollars per Short Ton)

Continent and County of Origin	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>118.34</b>	<b>123.32</b>	<b>86.78</b>	<b>109.91</b>	<b>88.58</b>	<b>24.1</b>
Bahamas.....	-	-	-	-	35.10	-
Canada .....	118.34	123.32	86.78	109.91	89.96	22.2
<b>South America Total</b> .....	<b>64.97</b>	<b>62.06</b>	<b>48.83</b>	<b>58.54</b>	<b>47.28</b>	<b>23.8</b>
Argentina .....	343.74	359.17	-	351.18	320.20	9.7
Brazil .....	56.73	-	-	56.73	-	-
Colombia .....	62.85	60.18	47.82	57.01	46.33	23.1
Venezuela .....	86.12	81.51	55.21	75.96	54.70	38.9
<b>Europe Total</b> .....	<b>74.95</b>	<b>148.42</b>	<b>2,983.00</b>	<b>146.02</b>	<b>70.53</b>	<b>107.0</b>
Federal Republic of Germany .....	74.95	5,214.00	2,983.00	213.38	164.84	29.4
France .....	-	280.00	-	59.54	-	-
Norway .....	-	-	-	-	65.50	-
Russia.....	-	207.11	-	207.11	55.16	275.5
Ukraine .....	-	147.19	-	147.19	130.02	13.2
United Kingdom .....	-	-	-	-	77.11	-
<b>Asia Total</b> .....	<b>37.36</b>	<b>43.29</b>	<b>35.80</b>	<b>40.20</b>	<b>27.26</b>	<b>47.4</b>
China.....	333.03	276.66	120.56	228.09	111.71	104.2
India.....	-	-	-	-	58.88	-
Indonesia.....	33.67	39.08	34.15	37.68	26.10	44.4
Korea, South.....	562.00	576.75	-	569.38	-	-
Syria.....	-	-	-	525.00	-	-
<b>Australia &amp; Oceania Total</b> .....	<b>49.18</b>	<b>56.97</b>	<b>50.69</b>	<b>53.19</b>	<b>42.87</b>	<b>24.1</b>
Australia.....	49.18	56.97	32.44	53.19	31.71	67.7
New Zealand.....	-	-	57.23	-	57.23	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>97.78</b>	<b>-</b>	<b>-</b>
South Africa.....	-	-	-	97.78	-	-
<b>U.S. Total</b> <sup>1</sup> .....	<b>65.33</b>	<b>64.65</b>	<b>50.51</b>	<b>59.83</b>	<b>47.64</b>	<b>25.6</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 17. Coal Imports by Customs District  
(Short Tons)**

Customs District	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>Eastern Total</b> .....	<b>3,022,180</b>	<b>2,700,497</b>	<b>2,646,837</b>	<b>10,848,749</b>	<b>10,909,832</b>	<b>-0.6</b>
Baltimore, MD.....	209,329	139,838	59,197	415,757	142,754	191.2
Boston, MA.....	1,422,723	1,229,778	885,643	5,096,275	5,321,282	-4.2
Buffalo, NY.....	83,501	74,092	61,060	200,096	159,161	25.7
New York, NY.....	272,499	296,852	438,065	1,117,147	1,125,934	-0.8
Norfolk, VA.....	285,602	322,069	430,225	1,357,678	1,537,094	-11.7
Philadelphia, PA.....	227,546	110,906	190,830	516,100	687,053	-24.9
Portland, ME.....	231,282	78,327	244,677	834,655	910,201	-8.3
Providence, RI.....	289,698	448,635	337,140	1,311,041	1,026,353	27.7
<b>Southern Total</b> .....	<b>5,544,223</b>	<b>5,048,183</b>	<b>5,265,289</b>	<b>20,843,825</b>	<b>22,919,058</b>	<b>-9.1</b>
Charleston, SC.....	503,707	434,359	354,041	1,596,224	1,377,268	15.9
Houston-Galveston, TX.....	-	-	-	779	50,980	-98.5
Mobile, AL.....	2,741,580	2,850,152	2,513,354	11,033,752	12,633,648	-12.7
New Orleans, LA.....	312,363	171,058	730,673	1,082,410	2,299,502	-52.9
San Juan, PR.....	558,115	410,424	479,864	1,961,873	1,944,133	0.9
Savannah, GA.....	138,763	140,945	183,340	279,708	582,732	-52.0
Tampa, FL.....	1,289,695	1,041,245	840,667	4,692,760	3,609,510	30.0
Wilmington, NC.....	-	-	163,350	196,319	421,285	-53.4
<b>Western Total</b> .....	<b>152,878</b>	<b>227,396</b>	<b>259,348</b>	<b>855,674</b>	<b>945,405</b>	<b>-9.5</b>
Great Falls, MT.....	3,251	2,334	2,486	12,652	7,902	60.1
Honolulu, HI.....	127,707	209,535	199,123	746,698	768,849	-2.9
Los Angeles, CA.....	-	-	-	114	-	-
Seattle, WA.....	21,920	15,527	57,739	96,210	168,654	-43.0
<b>Northern Total</b> .....	<b>381,702</b>	<b>508,468</b>	<b>425,461</b>	<b>1,659,431</b>	<b>1,572,552</b>	<b>5.5</b>
Chicago, IL.....	-	71	-	71	-	-
Cleveland, OH.....	-	-	-	54	-	-
Detroit, MI.....	133,632	195,571	99,008	463,790	481,132	-3.6
Pembina, ND.....	248,070	312,826	326,453	1,195,516	1,091,420	9.5
<b>Total</b> .....	<b>9,100,983</b>	<b>8,484,544</b>	<b>8,596,935</b>	<b>34,207,679</b>	<b>36,346,847</b>	<b>-5.9</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 18. U.S. Coke Imports**  
(Short Tons)

Continent and Country of Origin	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>North America Total</b> .....	<b>2,790</b>	<b>9,575</b>	<b>31,326</b>	<b>40,035</b>	<b>175,835</b>	<b>-77.2</b>
Canada .....	2,790	9,575	31,326	40,035	175,823	-77.2
Mexico .....	-	-	-	-	12	-
<b>South America Total</b> .....	<b>91,254</b>	<b>92,024</b>	<b>67,736</b>	<b>431,517</b>	<b>250,110</b>	<b>72.5</b>
Brazil .....	-	-	-	16,724	17,258	-3.1
Colombia .....	91,254	92,024	67,736	414,793	196,476	111.1
Venezuela .....	-	-	-	-	36,376	-
<b>Europe Total</b> .....	<b>370</b>	<b>70,733</b>	<b>-</b>	<b>115,322</b>	<b>81,433</b>	<b>41.6</b>
Federal Republic of Germany .....	3	1	-	7	-	-
France .....	-	-	-	-	37,730	-
Netherlands .....	367	-	-	512	-	-
Poland .....	-	22,397	-	66,466	-	-
Spain .....	-	-	-	-	43,702	-
Ukraine .....	-	48,335	-	48,335	-	-
United Kingdom .....	-	-	-	2	1	100.0
<b>Asia Total</b> .....	<b>417,712</b>	<b>803,191</b>	<b>625,785</b>	<b>2,972,203</b>	<b>1,877,020</b>	<b>58.3</b>
China.....	275,285	710,235	394,530	2,368,682	1,086,115	118.1
Indonesia.....	-	-	32	-	32	-
Japan .....	142,427	92,955	231,222	603,519	790,871	-23.7
Syria.....	-	1	1	2	2	-
<b>Australia &amp; Oceania Total</b> .....	<b>-</b>	<b>-</b>	<b>54,243</b>	<b>-</b>	<b>54,243</b>	<b>-</b>
Australia.....	-	-	54,243	-	54,243	-
<b>Africa Total</b> .....	<b>-</b>	<b>22,962</b>	<b>20,944</b>	<b>43,911</b>	<b>20,944</b>	<b>109.7</b>
Egypt.....	-	22,962	20,944	43,911	20,944	109.7
<b>Total</b> .....	<b>512,126</b>	<b>998,485</b>	<b>800,034</b>	<b>3,602,988</b>	<b>2,459,585</b>	<b>46.5</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 19. Coal Receipts at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	2,720	2,857	2,732	10,362	9,907	4.6
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>5,572</b>	<b>5,974</b>	<b>5,576</b>	<b>22,429</b>	<b>21,632</b>	<b>3.7</b>

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

Census Division	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	131.19	126.36	100.50	122.18	99.20	23.2
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>129.10</b>	<b>122.00</b>	<b>97.78</b>	<b>118.09</b>	<b>94.97</b>	<b>24.4</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 21. Coal Receipts at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>New England</b> .....	<b>36</b>	<b>40</b>	<b>48</b>	<b>188</b>	<b>188</b>	<b>*</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>930</b>	<b>951</b>	<b>874</b>	<b>3,627</b>	<b>3,611</b>	<b>0.5</b>
New York .....	258	291	251	994	984	1.0
Pennsylvania .....	672	660	623	2,633	2,627	0.2
<b>East North Central</b> .....	<b>3,446</b>	<b>3,636</b>	<b>3,880</b>	<b>14,276</b>	<b>14,511</b>	<b>-1.6</b>
Illinois .....	959	910	977	3,619	3,657	-1.1
Indiana .....	1,185	1,386	1,337	5,499	5,330	3.2
Michigan .....	447	450	634	1,640	1,887	-13.1
Ohio .....	445	455	472	1,846	1,848	-0.2
Wisconsin .....	410	435	460	1,673	1,789	-6.5
<b>West North Central</b> .....	<b>3,506</b>	<b>3,123</b>	<b>3,186</b>	<b>12,545</b>	<b>12,539</b>	<b>*</b>
Iowa .....	813	783	730	2,920	2,862	2.0
Kansas .....	W	W	52	W	222	W
Minnesota .....	426	279	437	1,319	1,276	3.4
Missouri .....	295	252	281	1,050	1,073	-2.2
Nebraska .....	112	127	147	419	470	-10.9
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 .....	225	272	193	1,058	1,089	-2.8
Georgia .....	341	308	359	1,408	1,457	-3.3
Maryland .....	256	324	316	1,224	1,228	-0.3
North Carolina .....	276	253	260	1,094	1,139	-3.9
South Carolina .....	281	285	275	1,216	1,258	-3.3
Virginia .....	495	477	485	1,989	1,929	3.1
West Virginia .....	243	229	265	1,013	1,084	-6.5
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama .....	403	471	418	1,697	1,684	0.8
Kentucky .....	330	344	319	1,370	1,380	-0.7
Mississippi .....	W	W	W	W	W	W
Tennessee .....	721	711	793	2,914	3,037	-4.1
<b>West South Central</b> .....	<b>W</b>	<b>801</b>	<b>759</b>	<b>W</b>	<b>3,109</b>	<b>W</b>
Arkansas .....	101	100	98	365	411	-11.2
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	304	W	W	858	W	W
Texas .....	386	473	457	1,780	1,873	-5.0
<b>Mountain</b> .....	<b>1,007</b>	<b>1,084</b>	<b>1,076</b>	<b>4,143</b>	<b>4,527</b>	<b>-8.5</b>
Arizona .....	141	162	185	620	751	-17.4
Colorado .....	W	W	W	W	W	W
Idaho .....	85	85	142	310	505	-38.6
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	164	275	143	864	892	-3.2
Wyoming .....	462	424	436	1,773	1,770	0.2
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alaska .....	W	W	W	W	W	W
California .....	412	398	424	1,718	1,699	1.1
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>13,830</b>	<b>13,853</b>	<b>14,072</b>	<b>55,102</b>	<b>55,989</b>	<b>-1.6</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.

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;" 2002-2007 - Form EIA-920, "Combined Heat and Power Plant Report," 2008-Forward - Form 923, "Power Plant Operations Report;" 2002-2007 - Form EIA-6A, "Coal Distribution Report," and Form EIA-7A, "Coal Production Report."

**Table 22. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State**  
(Dollars per Short Ton)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>New England</b> .....	<b>122.57</b>	<b>100.55</b>	<b>94.82</b>	<b>104.34</b>	<b>92.45</b>	<b>12.9</b>
Maine.....	W	W	W	W	W	W
Massachusetts.....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>74.48</b>	<b>70.25</b>	<b>61.74</b>	<b>69.76</b>	<b>59.86</b>	<b>16.5</b>
New York.....	87.86	81.45	75.18	83.13	72.36	14.9
Pennsylvania.....	68.95	64.92	55.86	64.31	54.81	17.3
<b>East North Central</b> .....	<b>69.00</b>	<b>69.90</b>	<b>59.91</b>	<b>67.39</b>	<b>59.04</b>	<b>14.1</b>
Illinois.....	39.75	39.90	38.05	39.30	37.49	4.8
Indiana.....	71.97	78.17	64.30	74.02	61.79	19.8
Michigan.....	97.52	86.58	71.48	86.61	74.57	16.1
Ohio.....	90.25	84.58	67.83	79.89	68.75	16.2
Wisconsin.....	74.55	73.53	69.44	73.64	68.39	7.7
<b>West North Central</b> .....	<b>32.74</b>	<b>30.87</b>	<b>29.24</b>	<b>30.98</b>	<b>27.71</b>	<b>11.8</b>
Iowa.....	49.25	49.73	43.96	48.78	44.00	10.9
Kansas.....	W	W	50.80	W	50.87	W
Minnesota.....	54.61	49.10	41.12	50.56	41.58	21.6
Missouri.....	69.72	57.38	48.09	60.17	47.30	27.2
Nebraska.....	36.13	49.80	37.96	42.46	39.69	7.0
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.....	114.61	100.46	78.98	98.57	82.60	19.3
Georgia.....	139.48	126.01	80.43	108.89	81.24	34.0
Maryland.....	64.08	76.87	61.78	68.96	60.01	14.9
North Carolina.....	91.84	98.13	78.60	89.79	77.34	16.1
South Carolina.....	106.37	102.85	82.73	96.31	79.45	21.2
Virginia.....	94.08	93.21	69.99	89.01	69.95	27.2
West Virginia.....	101.50	96.34	64.74	85.55	66.80	28.1
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama.....	85.49	81.83	75.23	80.14	75.76	5.8
Kentucky.....	90.71	83.83	73.94	81.35	70.01	16.2
Mississippi.....	W	W	W	W	W	W
Tennessee.....	120.72	116.25	68.49	97.45	67.83	43.7
<b>West South Central</b> .....	<b>W</b>	<b>63.16</b>	<b>52.52</b>	<b>W</b>	<b>53.72</b>	<b>W</b>
Arkansas.....	92.21	87.05	71.63	83.71	72.43	15.6
Louisiana.....	W	W	W	W	W	W
Oklahoma.....	43.04	W	W	43.66	W	W
Texas.....	60.31	62.35	50.38	60.18	53.57	12.4
<b>Mountain</b> .....	<b>42.77</b>	<b>44.11</b>	<b>41.47</b>	<b>42.90</b>	<b>41.68</b>	<b>2.9</b>
Arizona.....	60.34	59.69	59.20	57.68	59.21	-2.6
Colorado.....	W	W	W	W	W	W
Idaho.....	49.22	55.11	40.38	49.47	41.27	19.8
Montana.....	W	W	W	W	W	W
Nevada.....	W	W	W	W	W	W
New Mexico.....	W	W	W	W	W	W
Utah.....	44.40	42.32	45.72	44.47	43.35	2.6
Wyoming.....	31.63	31.51	30.07	30.88	29.68	4.0
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
California.....	68.11	68.87	66.23	69.20	66.58	3.9
Hawaii.....	W	W	W	W	W	W
Oregon.....	W	W	W	W	W	W
Washington.....	W	W	W	W	W	W
<b>U.S. Total</b> .....	<b>66.60</b>	<b>66.35</b>	<b>54.89</b>	<b>63.44</b>	<b>54.42</b>	<b>16.6</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 23. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
311 Food Manufacturing .....	2,412	1,984	2,470	8,536	8,773	-2.7
312 Beverage and Tobacco Product Mfg .....	36	42	42	177	202	-12.4
313 Textile Mills.....	58	54	70	254	322	-21.0
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	2,615	2,532	2,543	10,114	9,981	1.3
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,365	2,302	2,377	9,381	9,321	0.6
326 Plastics and Rubber Products Mfg.....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg.....	2,870	3,147	3,182	11,944	12,964	-7.9
331 Primary Metal Manufacturing <sup>2</sup> .....	1,412	1,817	1,625	6,850	6,748	1.5
332 Fabricated Metal Product Mfg.....	W	W	W	W	W	W
333 Machinery Manufacturing.....	W	W	60	W	223	W
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-	W	-
336 Transportation Equipment Mfg.....	68	40	64	247	191	29.6
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>13,705</b>	<b>13,728</b>	<b>13,947</b>	<b>54,604</b>	<b>55,491</b>	<b>-1.6</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 24. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Dollars per Short Ton)

NAICS Code	October - December 2008	July - September 2008	October - December 2007	Percent Difference	
				October - December: 2008 versus 2007	2008 versus 2007
311 Food Manufacturing .....	49.72	48.37	42.30		17.5
312 Beverage and Tobacco Product Mfg .....	169.47	169.11	84.45		100.7
313 Textile Mills.....	143.83	111.29	91.85		56.6
315 Apparel Manufacturing .....	W	W	W		W
321 Wood Product Manufacturing .....	W	W	W		W
322 Paper Manufacturing.....	82.41	80.18	66.68		23.6
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W		W
325 Chemical Mfg.....	84.04	82.09	58.00		44.9
326 Plastics and Rubber Products Mfg.....	W	W	W		W
327 Nonmetallic Mineral Products Mfg.....	72.07	71.00	61.05		18.1
331 Primary Metal Manufacturing <sup>2</sup> .....	75.54	77.98	67.30		12.2
332 Fabricated Metal Product Mfg.....	W	W	W		W
333 Machinery Manufacturing.....	W	W	62.50		W
334 Computer and Electronic Support Product Mfg.....	W	W	W		W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-		-
336 Transportation Equipment Mfg.....	111.11	97.46	85.01		30.7
337 Furniture and Related Product Mfg.....	W	W	W		W
339 Miscellaneous Manufacturing.....	W	W	W		W
<b>U.S. Total.....</b>	<b>66.60</b>	<b>66.35</b>	<b>54.89</b>		<b>21.3</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: • 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 25. Coal Receipts at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>Middle Atlantic</b> .....	<b>84</b>	<b>30</b>	-	<b>281</b>	-	-
New York .....	W	8	-	W	-	-
Pennsylvania .....	W	22	-	W	-	-
<b>East North Central</b> .....	<b>292</b>	<b>304</b>	-	<b>1,183</b>	-	-
Illinois .....	62	67	-	231	-	-
Indiana .....	72	88	-	324	-	-
Michigan .....	W	W	-	W	-	-
Ohio .....	68	W	-	236	-	-
Wisconsin .....	W	W	-	W	-	-
<b>West North Central</b> .....	<b>160</b>	<b>144</b>	-	<b>627</b>	-	-
Iowa .....	W	W	-	W	-	-
Minnesota .....	18	W	-	W	-	-
Missouri .....	W	W	-	W	-	-
North Dakota .....	31	15	-	100	-	-
South Dakota .....	W	-	-	W	-	-
<b>South Atlantic</b> .....	<b>103</b>	<b>72</b>	-	<b>378</b>	-	-
District of Columbia .....	W	-	-	W	-	-
Georgia .....	W	W	-	W	-	-
Maryland .....	W	W	-	W	-	-
North Carolina .....	57	43	-	224	-	-
South Carolina .....	W	W	-	W	-	-
Virginia .....	23	W	-	W	-	-
<b>East South Central</b> .....	<b>47</b>	<b>W</b>	-	<b>W</b>	-	-
Kentucky .....	18	W	-	W	-	-
Tennessee .....	29	23	-	91	-	-
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Texas .....	W	W	-	W	-	-
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Colorado .....	W	W	-	W	-	-
Idaho .....	W	W	-	W	-	-
Montana .....	W	W	-	W	-	-
Wyoming .....	W	W	-	W	-	-
<b>Pacific</b> .....	<b>152</b>	<b>94</b>	-	<b>509</b>	-	-
Alaska .....	152	94	-	509	-	-
<b>U.S. Total</b> .....	<b>923</b>	<b>756</b>	-	<b>3,467</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 26. Average Price of Coal Receipts at Commercial and Institutional Users by Census Division and State**  
(Dollars per Short Ton)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>Middle Atlantic</b> .....	<b>137.13</b>	<b>137.83</b>	-	<b>121.30</b>	-	-
New York .....	W	172.00	-	W	-	-
Pennsylvania .....	W	124.63	-	W	-	-
<b>East North Central</b> .....	<b>110.15</b>	<b>94.18</b>	-	<b>91.26</b>	-	-
Illinois .....	53.67	52.60	-	48.72	-	-
Indiana .....	85.81	73.36	-	69.59	-	-
Michigan .....	W	W	-	W	-	-
Ohio .....	160.08	W	-	128.71	-	-
Wisconsin .....	W	W	-	W	-	-
<b>West North Central</b> .....	<b>73.53</b>	<b>65.37</b>	-	<b>64.70</b>	-	-
Iowa .....	W	W	-	W	-	-
Minnesota .....	53.19	W	-	W	-	-
Missouri .....	W	W	-	W	-	-
North Dakota .....	44.75	42.99	-	43.11	-	-
South Dakota .....	W	-	-	W	-	-
<b>South Atlantic</b> .....	<b>170.91</b>	<b>163.61</b>	-	<b>134.49</b>	-	-
District of Columbia .....	W	-	-	W	-	-
Georgia .....	W	W	-	W	-	-
Maryland .....	W	W	-	W	-	-
North Carolina .....	162.40	149.17	-	121.57	-	-
South Carolina .....	W	W	-	W	-	-
Virginia .....	191.20	W	-	W	-	-
<b>East South Central</b> .....	<b>140.60</b>	<b>W</b>	-	<b>W</b>	-	-
Kentucky .....	138.87	W	-	W	-	-
Tennessee .....	141.68	111.07	-	114.13	-	-
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Texas .....	W	W	-	W	-	-
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Colorado .....	W	W	-	W	-	-
Idaho .....	W	W	-	W	-	-
Montana .....	W	W	-	W	-	-
Wyoming .....	W	W	-	W	-	-
<b>Pacific</b> .....	<b>54.77</b>	<b>54.40</b>	-	<b>56.01</b>	-	-
Alaska .....	54.77	54.40	-	56.01	-	-
<b>U.S. Total</b> .....	<b>101.18</b>	<b>89.31</b>	-	<b>86.50</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 27. U.S. Coal Consumption by End-Use Sector, 2002-2008**  
(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>2002</b>									
<b>Total</b> .....	<b>977,507</b>	<b>23,656</b>	<b>26,232</b>	<b>34,515</b>	<b>60,747</b>	<b>1,405</b>	<b>3,040</b>	<b>4,445</b>	<b>1,066,355</b>
<b>2003</b>									
<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>									
January - March .....	255,694	5,585	6,588	8,992	15,580	533	883	1,416	278,274
April - June .....	242,306	6,047	6,131	8,304	14,435	429	515	944	263,732
July - September .....	282,054	6,009	6,649	8,012	14,661	475	469	944	303,668
October - December .....	257,430	5,793	6,506	9,158	15,664	484	931	1,416	280,303
<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 <sup>R</sup>	5,576	5,834 <sup>R</sup>	8,743 <sup>R</sup>	14,578	547	510	1,058	278,727 <sup>R</sup>
April - June .....	246,591 <sup>R</sup>	5,736	5,552 <sup>R</sup>	8,521 <sup>R</sup>	14,074	426	279 <sup>R</sup>	705	267,106 <sup>R</sup>
July - September .....	283,556 <sup>R</sup>	5,678	5,546 <sup>R</sup>	8,180 <sup>R</sup>	13,725	458 <sup>R</sup>	247 <sup>R</sup>	705	303,665 <sup>R</sup>
October - December .....	257,478 <sup>R</sup>	5,726	5,605 <sup>R</sup>	8,634 <sup>R</sup>	14,238	495 <sup>R</sup>	563 <sup>R</sup>	1,058	278,500 <sup>R</sup>
<b>Total</b> .....	<b>1,045,141<sup>R</sup></b>	<b>22,715</b>	<b>22,537<sup>R</sup></b>	<b>34,078<sup>R</sup></b>	<b>56,615</b>	<b>1,927<sup>R</sup></b>	<b>1,599<sup>R</sup></b>	<b>3,526</b>	<b>1,127,998<sup>R</sup></b>
<b>2008</b>									
January - March .....	263,278 <sup>R</sup>	5,536	5,975 <sup>R</sup>	8,097 <sup>R</sup>	14,072 <sup>R</sup>	567 <sup>R</sup>	544 <sup>R</sup>	1,112 <sup>R</sup>	283,998 <sup>R</sup>
April - June .....	247,913 <sup>R</sup>	5,580	5,817 <sup>R</sup>	8,043 <sup>R</sup>	13,859 <sup>R</sup>	488 <sup>R</sup>	256 <sup>R</sup>	744 <sup>R</sup>	268,097 <sup>R</sup>
July - September .....	279,208 <sup>R</sup>	5,767	5,987 <sup>R</sup>	7,587 <sup>R</sup>	13,575 <sup>R</sup>	518 <sup>R</sup>	200 <sup>R</sup>	718 <sup>R</sup>	299,268 <sup>R</sup>
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>

<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.

<sup>R</sup> Revised.

- = 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: 2002-2007 - Form EIA-906, "Power Plant Report, 2008-Forward - Form EIA-923, "Power Plant Operations Report;" 2002-2007 - 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;" 2002-2007 - Form EIA-6A, "Coal Distribution Report, and Form EIA-7A, "Coal Production Report" • Residential and Commercial: 2002-2007 - Form EIA-6A, "Coal Distribution Report."

**Table 28. Coal Carbonized at Coke Plants by Census Division**  
(Thousand Short Tons)

Census Division	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Middle Atlantic .....	W	W	W	W	W	W
East North Central .....	2,457	2,680	2,631	10,228	10,486	-2.5
South Atlantic .....	W	W	W	W	W	W
East South Central .....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>5,186</b>	<b>5,767</b>	<b>5,726</b>	<b>22,070</b>	<b>22,715</b>	<b>-2.8</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 (EIA), Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 29. Coal Consumption at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>New England</b> .....	<b>36</b>	<b>39</b>	<b>47</b>	<b>185</b>	<b>197</b>	<b>-6.4</b>
Maine .....	W	W	W	W	W	W
Massachusetts .....	W	W	W	W	W	W
<b>Mid Atlantic</b> .....	<b>836</b>	<b>948</b>	<b>885</b>	<b>3,561</b>	<b>3,645</b>	<b>-2.3</b>
New York .....	210	248	226	933	1,020	-8.5
Pennsylvania .....	625	700	658	2,628	2,625	*
<b>East North Central</b> .....	<b>3,120</b>	<b>3,521</b>	<b>3,785</b>	<b>14,015</b>	<b>14,715</b>	<b>-4.8</b>
Illinois .....	918	918	974	3,622	3,673	-1.4
Indiana .....	1,032	1,385	1,419	5,220	5,662	-7.8
Michigan .....	370	388	468	1,660	1,744	-4.8
Ohio .....	411	451	469	1,832	1,874	-2.2
Wisconsin .....	389	379	456	1,682	1,762	-4.5
<b>West North Central</b> .....	<b>3,294</b>	<b>3,010</b>	<b>3,235</b>	<b>12,403</b>	<b>12,829</b>	<b>-3.3</b>
Iowa .....	724	722	757	2,903	3,009	-3.5
Kansas .....	W	W	45	W	241	W
Minnesota .....	373	254	387	1,359	1,354	0.4
Missouri .....	224	257	271	993	1,086	-8.6
Nebraska .....	111	107	124	415	427	-2.8
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 .....	203	283	236	1,073	1,099	-2.3
Georgia .....	330	365	383	1,441	1,512	-4.7
Maryland .....	235	311	320	1,182	1,221	-3.2
North Carolina .....	264	255	291	1,066	1,148	-7.2
South Carolina .....	251	280	300	1,149	1,270	-9.5
Virginia .....	492	449	512	1,992	1,941	2.6
West Virginia .....	220	241	263	997	1,093	-8.8
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama .....	399	439	428	1,668	1,705	-2.2
Kentucky .....	309	352	311	1,377	1,347	2.2
Mississippi .....	W	W	W	W	W	W
Tennessee .....	712	698	759	2,938	2,993	-1.8
<b>West South Central</b> .....	<b>W</b>	<b>762</b>	<b>763</b>	<b>W</b>	<b>3,084</b>	<b>W</b>
Arkansas .....	98	95	96	388	397	-2.3
Louisiana .....	W	W	W	W	W	W
Oklahoma .....	172	W	W	713	W	W
Texas .....	418	469	469	1,805	1,868	-3.4
<b>Mountain</b> .....	<b>1,100</b>	<b>1,048</b>	<b>1,129</b>	<b>4,283</b>	<b>4,444</b>	<b>-3.6</b>
Arizona .....	150	162	169	628	712	-11.9
Colorado .....	W	W	W	W	W	W
Idaho .....	160	38	176	423	459	-7.8
Montana .....	W	W	W	W	W	W
Nevada .....	W	W	W	W	W	W
New Mexico .....	W	W	W	W	W	W
Utah .....	162	298	153	873	911	-4.2
Wyoming .....	474	399	454	1,761	1,738	1.3
<b>Pacific</b> .....	<b>493</b>	<b>514</b>	<b>526</b>	<b>2,003</b>	<b>2,123</b>	<b>-5.6</b>
Alaska .....	W	W	W	W	W	W
California .....	402	430	445	1,688	1,818	-7.2
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>13,029</b>	<b>13,575</b>	<b>14,238</b>	<b>54,536</b>	<b>56,615</b>	<b>-3.7</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.

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;" 2002-2007 - Form EIA-920, "Combined Heat and Power Plant Report, 2008-Forward - Form EIA-923, "Power Plant Operations Plant;" 2002-2007 - Form EIA-6A, "Coal Distribution Report", and Form EIA-7A, "Coal Production Report."

**Table 30. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
311 Food Manufacturing .....	2,357	1,889	2,467	8,564	8,895	-3.7
312 Beverage and Tobacco Product Mfg .....	41	35	36	186	193	-3.6
313 Textile Mills.....	60	57	67	258	334	-22.8
315 Apparel Manufacturing .....	W	W	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W	W	W
322 Paper Manufacturing.....	2,410	2,425	2,579	9,977	9,999	-0.2
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W	W	W
325 Chemical Mfg.....	2,298	2,234	2,348	9,356	9,393	-0.4
326 Plastics and Rubber Products Mfg.....	W	W	W	W	W	W
327 Nonmetallic Mineral Products Mfg.....	2,592	3,141	3,210	11,855	12,969	-8.6
331 Primary Metal Manufacturing <sup>2</sup> .....	1,199	1,849	1,673	6,596	7,080	-6.8
332 Fabricated Metal Product Mfg.....	W	W	W	W	W	W
333 Machinery Manufacturing.....	W	W	52	W	218	W
334 Computer and Electronic Support Product	W	W	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-	W	-
336 Transportation Equipment Mfg .....	62	37	60	233	193	20.3
337 Furniture and Related Product Mfg.....	W	W	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W	W	W
<b>U.S. Total.....</b>	<b>12,905</b>	<b>13,451</b>	<b>14,114</b>	<b>54,038</b>	<b>56,117</b>	<b>-3.7</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 31. Coal Consumption at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>Middle Atlantic</b> .....	<b>78</b>	<b>31</b>	-	<b>263</b>	-	-
New York .....	W	W	-	W	-	-
Pennsylvania .....	W	W	-	W	-	-
<b>East North Central</b> .....	<b>287</b>	<b>270</b>	-	<b>1,205</b>	-	-
Illinois .....	50	60	-	206	-	-
Indiana .....	65	89	-	336	-	-
Michigan .....	W	W	-	W	-	-
Ohio .....	68	29	-	238	-	-
Wisconsin .....	W	W	-	W	-	-
<b>West North Central</b> .....	<b>161</b>	<b>134</b>	-	<b>617</b>	-	-
Iowa .....	65	W	-	253	-	-
Minnesota .....	W	W	-	W	-	-
Missouri .....	W	W	-	W	-	-
North Dakota .....	31	W	-	102	-	-
South Dakota .....	W	-	-	W	-	-
<b>South Atlantic</b> .....	<b>109</b>	<b>68</b>	-	<b>392</b>	-	-
District of Columbia .....	W	-	-	W	-	-
Georgia .....	W	W	-	W	-	-
Maryland .....	W	W	-	W	-	-
North Carolina .....	67	47	-	247	-	-
South Carolina .....	W	W	-	W	-	-
Virginia .....	23	9	-	74	-	-
<b>East South Central</b> .....	<b>43</b>	<b>W</b>	-	<b>145</b>	-	-
Kentucky .....	16	W	-	54	-	-
Tennessee .....	27	W	-	91	-	-
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Texas .....	W	W	-	W	-	-
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	-	<b>W</b>	-	-
Colorado .....	W	W	-	W	-	-
Idaho .....	W	W	-	W	-	-
Montana .....	W	-	-	W	-	-
Wyoming .....	W	W	-	W	-	-
<b>Pacific</b> .....	<b>166</b>	<b>107</b>	-	<b>548</b>	-	-
Alaska .....	166	107	-	548	-	-
<b>U.S. Total</b> .....	<b>932</b>	<b>718</b>	-	<b>3,506</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 32. U.S. Coal Stocks, 2002-2008**  
(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>2002</b>							
March 31.....	146,443	1,360	4,842	-	152,645	40,284	192,929
June 30.....	152,134	1,522	5,064	-	158,720	41,288	200,008
September 30.....	135,962	1,561	5,834	-	143,357	35,662	179,019
December 31.....	141,714	1,364	5,792	-	148,870	43,257	192,127
<b>2003</b>							
March 31.....	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 <sup>R</sup>	2,444	5,756	-	149,588	34,007	183,595 <sup>R</sup>
June 30.....	154,812 <sup>R</sup>	2,364	5,672	-	162,849	32,484	195,333 <sup>R</sup>
September 30.....	142,666 <sup>R</sup>	1,972	5,811	-	150,448	30,090	180,538 <sup>R</sup>
December 31.....	151,221 <sup>R</sup>	1,936	5,624	-	158,781	33,977	192,758 <sup>R</sup>
<b>2008</b>							
March 31.....	147,002 <sup>R</sup>	1,462	4,818 <sup>R</sup>	448 <sup>R</sup>	153,730	32,464 <sup>E</sup>	186,194 <sup>R</sup>
June 30.....	153,915 <sup>R</sup>	1,756	4,983 <sup>R</sup>	478 <sup>R</sup>	161,133	31,395 <sup>E</sup>	192,528 <sup>R</sup>
September 30.....	145,835 <sup>R</sup>	1,971	5,208 <sup>R</sup>	514 <sup>R</sup>	153,528	30,235 <sup>E</sup>	183,763 <sup>R</sup>
December 31.....	163,056	2,331	6,007	498	171,891	27,311 <sup>E</sup>	199,202

<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>R</sup> Revised

<sup>E</sup> Estimated

- = No data are reported.

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

Sources: • Energy Information Administration (EIA) • Electric Power Sector: 2002-2007 - Form EIA-906, "Power Plant Report" and Form EIA-920, "Combined Heat and Power Plant Report," 2008-Forward - Form EIA-923, "Power Plant Operations Report" • Coke Plants: 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" • Producer and Distributor: Short Term Energy Outlook estimates and 2002-2007 - Form EIA-6A, "Coal Distribution Report," 2008-Forward - "Short Term Energy Outlook" estimates."

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

Census Division	December 31, 2008	September 30, 2008	December 31, 2007	Percent Difference December 31, 2008 versus 2007
Middle Atlantic .....	W	W	W	W
East North Central .....	1,294	1,058	1,186	9.2
South Atlantic .....	W	W	W	W
East South Central .....	W	W	W	W
<b>U.S. Total.....</b>	<b>2,331</b>	<b>1,971</b>	<b>1,936</b>	<b>20.4</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 34. Coal Stocks at Other Industrial Plants by Census Division and State**  
(Thousand Short Tons)

Census Division and State	December 31, 2008	September 30, 2008	December 31, 2007	Percent Difference December 31, 2008 versus 2007
<b>New England</b> .....	<b>43</b>	<b>43</b>	<b>39</b>	<b>8.9</b>
Maine.....	W	W	W	W
Massachusetts.....	W	W	W	W
<b>Mid Atlantic</b> .....	<b>455</b>	<b>362</b>	<b>389</b>	<b>17.1</b>
New York.....	276	229	226	22.3
Pennsylvania.....	179	134	163	9.8
<b>East North Central</b> .....	<b>1,743</b>	<b>1,443</b>	<b>1,632</b>	<b>6.8</b>
Illinois.....	197	167	208	-5.3
Indiana.....	583	416	344	69.2
Michigan.....	524	470	635	-17.5
Ohio.....	122	88	110	10.8
Wisconsin.....	317	302	334	-5.0
<b>West North Central</b> .....	<b>1,414</b>	<b>1,162</b>	<b>1,267</b>	<b>11.6</b>
Iowa.....	608	519	605	0.4
Kansas.....	W	W	28	W
Minnesota.....	201	110	202	-0.5
Missouri.....	146	72	98	48.7
Nebraska.....	266	266	263	1.3
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.....	114	93	131	-13.0
Georgia.....	123	111	145	-14.7
Maryland.....	82	65	67	23.1
North Carolina.....	97	85	73	32.1
South Carolina.....	194	165	134	44.6
Virginia.....	129	120	120	7.2
West Virginia.....	90	67	73	22.9
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>W</b>
Alabama.....	144	135	109	32.2
Kentucky.....	75	70	82	-8.4
Mississippi.....	W	W	W	W
Tennessee.....	116	108	171	-32.2
<b>West South Central</b> .....	<b>W</b>	<b>403</b>	<b>421</b>	<b>W</b>
Arkansas.....	37	34	60	-38.7
Louisiana.....	W	W	W	W
Oklahoma.....	267	W	W	W
Texas.....	192	218	220	-12.9
<b>Mountain</b> .....	<b>384</b>	<b>477</b>	<b>524</b>	<b>-26.7</b>
Arizona.....	72	81	80	-9.5
Colorado.....	W	W	W	W
Idaho.....	113	188	225	-50.0
Montana.....	W	W	W	W
Nevada.....	W	W	W	W
New Mexico.....	W	W	W	W
Utah.....	34	32	42	-20.7
Wyoming.....	90	103	78	15.6
<b>Pacific</b> .....	<b>252</b>	<b>274</b>	<b>232</b>	<b>8.6</b>
California.....	209	204	185	13.4
Hawaii.....	W	W	W	W
Oregon.....	W	W	W	W
Washington.....	W	W	W	W
<b>U.S. Total</b> .....	<b>6,007</b>	<b>5,208</b>	<b>5,624</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. 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 35. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code**  
(Thousand Short Tons)

NAICS Code	December 31, 2008	September 30, 2008	December 31, 2007	Percent Difference December 31, 2008 versus 2007
311 Food Manufacturing .....	1,101	1,060	1,176	-6.3
312 Beverage and Tobacco Product Mfg .....	26	27	30	-14.2
313 Textile Mills.....	29	31	34	-16.6
315 Apparel Manufacturing .....	W	W	W	W
321 Wood Product Manufacturing .....	W	W	W	W
322 Paper Manufacturing.....	1,235	1,037	1,095	12.8
324 Petroleum and Coal Products <sup>1</sup> .....	W	W	W	W
325 Chemical Mfg.....	687	624	681	0.9
326 Plastics and Rubber Products Mfg .....	-	-	-	-
327 Nonmetallic Mineral Products Mfg .....	1,830	1,561	1,830	*
331 Primary Metal Manufacturing <sup>2</sup> .....	829	583	606	36.8
332 Fabricated Metal Product Mfg .....	W	W	W	W
333 Machinery Manufacturing .....	W	W	42	W
334 Computer and Electronic Support Product Mfg .....	W	W	W	W
335 Elec. Equip., Appl., Component Mfg.....	-	-	-	-
336 Transportation Equipment Mfg .....	56	56	48	16.7
337 Furniture and Related Product Mfg.....	W	W	W	W
339 Miscellaneous Manufacturing.....	W	W	W	W
<b>U.S. Total.....</b>	<b>6,007</b>	<b>5,208</b>	<b>5,624</b>	<b>6.8</b>

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

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

\* 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.

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

Census Division	December 31, 2008	September 30, 2008	December 31, 2007	Percent Difference December 31, 2008 versus 2007
Middle Atlantic .....	W	W	W	W
East North Central .....	658	331	414	58.8
South Atlantic .....	W	W	W	W
East South Central .....	W	W	W	W
<b>U.S. Total.....</b>	<b>993</b>	<b>529</b>	<b>710</b>	<b>39.9</b>
<b>Coke Total .....</b>	<b>916</b>	<b>464</b>	<b>632</b>	<b>45.0</b>
<b>Breeze Total .....</b>	<b>77</b>	<b>66</b>	<b>78</b>	<b>-1.2</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, Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."

**Table 37. Coal Stocks at Commercial and Institutional Users by Census Division and State**  
(Thousand Short Tons)

Census Division and State	December 31, 2008	September 30, 2008	December 31, 2007	Percent Difference December 31, 2008 versus 2007
<b>Middle Atlantic</b> .....	<b>W</b>	<b>47</b>	-	-
New York .....	W	W	-	-
Pennsylvania .....	42	W	-	-
<b>East North Central</b> .....	<b>163</b>	<b>160</b>	-	-
Illinois .....	40	30	-	-
Indiana .....	57	W	-	-
Michigan .....	W	W	-	-
Ohio .....	29	W	-	-
Wisconsin .....	W	9	-	-
<b>West North Central</b> .....	<b>88</b>	<b>93</b>	-	-
Iowa .....	W	W	-	-
Minnesota .....	W	W	-	-
Missouri .....	7	W	-	-
North Dakota .....	W	W	-	-
South Dakota .....	W	W	-	-
<b>South Atlantic</b> .....	<b>85</b>	<b>92</b>	-	-
District of Columbia .....	W	W	-	-
Georgia .....	W	W	-	-
Maryland .....	W	W	-	-
North Carolina .....	31	42	-	-
South Carolina .....	W	W	-	-
Virginia .....	33	33	-	-
<b>East South Central</b> .....	<b>24</b>	<b>22</b>	-	-
Kentucky .....	20	W	-	-
Tennessee .....	4	W	-	-
<b>West South Central</b> .....	<b>W</b>	<b>W</b>	-	-
Texas .....	W	W	-	-
<b>Mountain</b> .....	<b>6</b>	<b>7</b>	-	-
Colorado .....	W	W	-	-
Idaho .....	W	W	-	-
Montana .....	W	W	-	-
Wyoming .....	W	W	-	-
<b>Pacific</b> .....	<b>W</b>	<b>W</b>	-	-
Alaska .....	W	W	-	-
<b>U.S. Total</b> .....	<b>498</b>	<b>514</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 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State**

Census Division and State <sup>1</sup>	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
<b>New England</b>						
Btu .....	13,109	13,225	13,225	13,193	13,131	0.5
Sulfur .....	0.67	0.73	0.66	0.70	0.65	7.8
Ash .....	6.69	6.82	6.01	6.86	6.72	2.0
<b>Maine</b>						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
<b>Massachusetts</b>						
Btu .....	13,074	13,364	13,087	13,277	13,151	1.0
Sulfur .....	0.60	0.68	0.69	0.67	0.67	-0.2
Ash .....	6.94	7.89	6.46	7.32	6.91	5.8
<b>Mid Atlantic</b>						
Btu .....	12,538	12,625	12,623	12,597	12,661	-0.5
Sulfur .....	1.11	1.15	1.12	1.18	1.06	11.5
Ash .....	8.49	8.49	8.41	8.32	8.22	1.2
<b>New York</b>						
Btu .....	13,127	13,171	12,937	13,115	13,123	*
Sulfur .....	1.64	1.64	1.59	1.62	1.55	4.7
Ash .....	8.10	8.00	7.86	7.98	7.82	2.0
<b>Pennsylvania</b>						
Btu .....	12,453	12,538	12,575	12,525	12,594	-0.6
Sulfur .....	1.03	1.07	1.05	1.12	0.99	13.2
Ash .....	8.55	8.57	8.49	8.37	8.28	1.1
<b>East North Central</b>						
Btu .....	12,334	12,446	12,373	12,388	12,335	0.4
Sulfur .....	1.31	1.30	1.35	1.31	1.35	-2.7
Ash .....	7.63	7.63	7.60	7.60	7.63	-0.5
<b>Illinois</b>						
Btu .....	10,950	11,029	11,111	11,031	11,125	-0.8
Sulfur .....	1.88	1.96	2.22	2.05	2.30	-10.9
Ash .....	7.49	7.44	7.53	7.53	7.59	-0.8
<b>Indiana</b>						
Btu .....	12,651	12,749	12,657	12,691	12,565	1.0
Sulfur .....	1.14	1.13	1.04	1.09	1.05	3.0
Ash .....	7.83	7.66	7.55	7.62	7.66	-0.6
<b>Michigan</b>						
Btu .....	12,852	13,005	12,909	12,934	12,984	-0.4
Sulfur .....	0.96	1.00	1.21	1.00	1.08	-7.4
Ash .....	7.69	8.09	8.12	8.03	8.13	-1.1
<b>Ohio</b>						
Btu .....	12,897	12,931	12,880	12,916	12,901	0.1
Sulfur .....	1.38	1.37	1.37	1.39	1.37	1.6
Ash .....	7.32	7.39	7.25	7.44	7.18	3.6
<b>Wisconsin</b>						
Btu .....	11,340	11,463	11,360	11,389	11,395	*
Sulfur .....	1.47	1.34	1.31	1.38	1.30	5.8
Ash .....	7.42	7.52	7.67	7.22	7.69	-6.1
<b>West North Central</b>						
Btu .....	8,618	8,594	8,697	8,573	8,608	-0.4
Sulfur .....	0.94	1.03	0.90	0.95	0.94	1.8
Ash .....	6.54	6.86	6.78	6.65	6.72	-0.9
<b>Iowa</b>						
Btu .....	9,929	10,007	9,938	9,847	10,133	-2.8
Sulfur .....	1.45	1.61	1.32	1.43	1.36	5.3
Ash .....	6.74	6.94	6.68	6.69	6.81	-1.6
<b>Kansas</b>						
Btu .....	12,203	12,325	12,687	12,284	12,021	2.2
Sulfur .....	1.82	1.64	1.89	1.74	1.91	-8.7
Ash .....	12.52	13.25	11.92	13.23	12.52	5.6
<b>Minnesota</b>						
Btu .....	9,658	9,594	9,419	9,637	9,451	2.0
Sulfur .....	0.36	0.37	0.32	0.37	0.32	16.1
Ash .....	5.32	5.63	5.19	5.26	5.10	3.1
<b>Missouri</b>						
Btu .....	11,273	11,062	11,117	11,299	11,224	0.7
Sulfur .....	1.82	1.96	1.73	1.90	1.88	1.4
Ash .....	8.55	8.83	8.53	8.42	8.57	-1.7
<b>Nebraska</b>						
Btu .....	8,891	9,600	9,279	9,278	9,367	-0.9
Sulfur .....	0.35	0.44	0.34	0.38	0.36	4.7
Ash .....	5.55	6.02	6.16	5.97	6.06	-1.4
<b>North Dakota</b>						
Btu .....	7,241	7,112	7,219	7,189	7,143	0.7
Sulfur .....	0.73	0.75	0.75	0.73	0.74	-1.3
Ash .....	6.37	6.56	6.91	6.54	6.61	-1.0

See footnotes at end of table.

**Table 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
South Dakota						
Btu .....	8,313	8,287	8,588	8,420	8,448	-0.3
Sulfur .....	0.45	0.44	0.44	0.45	0.44	0.5
Ash .....	5.19	5.16	5.09	5.13	5.05	1.6
<b>South Atlantic</b>						
Btu .....	12,766	12,793	12,893	12,825	12,876	-0.4
Sulfur .....	1.04	1.01	1.02	1.02	1.02	0.1
Ash .....	9.38	9.48	8.95	9.33	9.12	2.2
Delaware						
Btu .....	W	12,890	13,261	W	13,190	W
Sulfur .....	W	2.35	1.37	W	1.46	W
Ash .....	W	8.23	8.54	W	8.36	W
Florida						
Btu .....	12,802	12,589	12,864	12,689	12,719	-0.2
Sulfur .....	0.82	0.80	1.01	0.83	0.87	-3.5
Ash .....	9.31	10.59	9.42	10.19	10.53	-3.2
Georgia						
Btu .....	12,531	12,616	12,857	12,634	12,890	-2.0
Sulfur .....	1.08	0.97	0.88	1.01	0.95	6.4
Ash .....	9.94	9.76	8.86	9.83	8.78	11.9
Maryland						
Btu .....	11,829	12,251	12,277	12,239	12,293	-0.4
Sulfur .....	1.49	1.42	1.48	1.47	1.51	-2.7
Ash .....	17.38	15.89	16.38	16.15	16.38	-1.4
North Carolina						
Btu .....	13,016	13,006	13,109	13,051	13,119	-0.5
Sulfur .....	0.93	0.90	0.89	0.90	0.90	0.7
Ash .....	7.96	7.60	7.14	7.65	7.54	1.5
South Carolina						
Btu .....	12,767	12,881	12,994	12,923	12,956	-0.3
Sulfur .....	1.19	1.11	1.10	1.14	1.10	3.0
Ash .....	9.22	9.07	8.53	8.68	8.70	-0.2
Virginia						
Btu .....	13,049	13,061	13,155	13,088	13,135	-0.4
Sulfur .....	1.00	0.96	0.96	0.95	0.96	-1.5
Ash .....	8.58	8.62	7.91	8.40	7.94	5.9
West Virginia						
Btu .....	12,801	12,800	12,775	12,805	12,750	0.4
Sulfur .....	0.92	0.92	0.96	0.93	0.95	-2.2
Ash .....	7.65	7.64	7.46	7.67	7.67	*
<b>East South Central</b>						
Btu .....	12,883	13,017	12,887	12,954	12,867	0.7
Sulfur .....	1.02	1.07	1.07	1.06	1.04	1.9
Ash .....	8.29	7.95	7.88	8.00	7.91	1.2
Alabama						
Btu .....	12,805	13,003	12,838	12,875	12,761	0.9
Sulfur .....	0.95	1.04	0.93	0.96	0.94	2.1
Ash .....	9.34	8.65	8.22	8.70	8.28	5.1
Kentucky						
Btu .....	12,877	13,078	12,917	13,043	12,937	0.8
Sulfur .....	0.89	0.89	0.87	0.92	0.89	3.4
Ash .....	7.69	7.10	7.58	7.25	7.55	-4.0
Mississippi						
Btu .....	11,763	11,605	11,672	11,696	11,938	-2.0
Sulfur .....	2.09	1.92	2.01	1.97	2.01	-1.9
Ash .....	10.23	8.69	9.37	9.28	9.02	2.9
Tennessee						
Btu .....	13,009	13,058	12,962	13,034	12,967	0.5
Sulfur .....	1.15	1.21	1.30	1.22	1.21	1.3
Ash .....	7.48	7.79	7.71	7.73	7.73	*
<b>West South Central</b>						
Btu .....	10,587	10,784	10,831	10,813	10,922	-1.0
Sulfur .....	0.84	0.79	0.73	0.78	0.75	3.8
Ash .....	9.06	9.52	8.90	9.41	8.95	5.1
Arkansas						
Btu .....	12,262	12,412	12,466	12,264	12,322	-0.5
Sulfur .....	1.79	1.61	1.28	1.54	1.28	20.0
Ash .....	13.56	12.43	11.14	12.80	12.13	5.5
Louisiana						
Btu .....	12,031	12,049	12,094	12,097	12,172	-0.6
Sulfur .....	1.12	1.17	1.08	1.13	1.13	-0.2
Ash .....	8.93	8.84	8.24	8.62	8.37	3.0
Oklahoma						
Btu .....	9,854	10,132	10,322	10,103	10,316	-2.1
Sulfur .....	0.65	0.74	0.90	0.76	0.91	-16.4
Ash .....	6.02	6.32	6.58	6.38	6.54	-2.4

See footnotes at end of table.

**Table 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)**

Census Division and State	October - December 2008	July - September 2008	October - December 2007	Year to Date		
				2008	2007	Percent Change
Texas						
Btu .....	10,647	10,668	10,635	10,801	10,808	*
Sulfur .....	0.73	0.62	0.53	0.62	0.56	11.1
Ash .....	10.28	10.33	9.38	10.21	9.24	10.5
<b>Mountain</b>						
Btu .....	10,225	10,479	10,315	10,359	10,513	-1.5
Sulfur .....	0.63	0.63	0.64	0.64	0.62	3.5
Ash .....	8.13	8.30	7.45	8.17	7.65	6.9
Arizona						
Btu .....	10,286	10,305	10,683	10,277	10,807	-4.9
Sulfur .....	0.75	0.83	0.65	0.82	0.67	22.1
Ash .....	14.83	14.72	12.23	14.87	12.04	23.5
Colorado						
Btu .....	11,604	11,482	11,538	11,575	11,454	1.1
Sulfur .....	0.53	0.52	0.51	0.51	0.51	0.1
Ash .....	10.41	10.81	10.66	10.27	11.14	-7.8
Idaho						
Btu .....	9,974	10,041	10,020	9,935	10,169	-2.3
Sulfur .....	0.68	0.78	0.78	0.76	0.74	2.6
Ash .....	5.03	4.51	5.07	5.15	5.50	-6.3
Montana						
Btu .....	7,142	8,875	7,209	7,688	7,382	4.1
Sulfur .....	0.47	0.58	0.50	0.52	0.58	-10.6
Ash .....	8.35	7.83	8.08	7.44	8.60	-13.5
Nevada						
Btu .....	10,757	10,850	11,539	10,897	11,427	-4.6
Sulfur .....	0.45	0.57	0.53	0.53	0.52	2.1
Ash .....	11.25	12.52	9.91	11.01	10.75	2.5
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 .....	11,386	11,307	11,370	11,365	11,395	-0.3
Sulfur .....	0.43	0.34	0.49	0.41	0.41	-0.2
Ash .....	9.43	8.96	8.91	9.15	8.97	2.1
Wyoming						
Btu .....	9,791	9,901	9,898	9,826	9,931	-1.1
Sulfur .....	0.69	0.73	0.66	0.71	0.69	1.8
Ash .....	5.45	5.19	4.78	5.22	4.76	9.6
<b>Pacific</b>						
Btu .....	11,453	11,623	11,704	11,564	11,884	-2.7
Sulfur .....	0.56	0.53	0.57	0.58	0.59	-3.0
Ash .....	10.83	9.68	10.58	10.49	9.89	6.0
California						
Btu .....	11,604	11,766	11,771	11,677	11,863	-1.6
Sulfur .....	0.59	0.56	0.58	0.60	0.61	-1.2
Ash .....	11.30	9.85	10.87	10.76	10.02	7.4
Hawaii						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Oregon						
Btu .....	W	W	W	W	W	W
Sulfur .....	W	W	W	W	W	W
Ash .....	W	W	W	W	W	W
Washington						
Btu .....	9,832	9,904	10,294	9,934	11,561	-14.1
Sulfur .....	0.34	0.31	0.33	0.32	0.40	-19.8
Ash .....	5.81	5.72	6.37	5.85	7.93	-26.3
<b>U.S. Total</b>						
Btu .....	11,599	11,779	11,746	11,731	11,740	*
Sulfur .....	1.07	1.09	1.09	1.09	1.07	1.4
Ash .....	8.03	8.09	7.91	8.02	7.93	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."

