



*Independent Statistics & Analysis*  
U.S. Energy Information  
Administration

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# Quarterly Coal Report January – March 2016

November 2016



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## Contacts

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## Preface

Data presented in the *Quarterly Coal Report* (QCR) are collected and published by the U.S. Energy Information Administration (EIA) to fulfill data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended.

The *Quarterly Coal Report* (QCR) presents U.S. coal production, exports, imports, receipts, prices, consumption, quality, stocks, and refined coal data. In addition, the QCR offers U.S. coke production, consumption, stocks, imports, and exports data. The first quarter 2016 QCR includes detailed quarterly coal data for January – March 2016 and aggregated quarterly historical coal data for 2010 through first quarter 2016.

All data for 2015 and prior years are final. All data for 2016 are preliminary.

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**Table ES-1. U.S. Coal Summary Statistics, 2010 - 2016**

(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>2010</b>								
January - March	265,702	4,803	3,288	50,936	264,939	17,807	183,970	-
April - June	264,982	5,058	3,428	51,497	247,344	21,965	188,244	-
July - September	277,505	4,680	3,636	49,913	286,361	21,074	170,674	-
October - December	276,180	4,811	3,300	49,820	249,870	20,870	181,920	-
<b>Total</b>	<b>1,084,368</b>	<b>19,353</b>	<b>13,651</b>		<b>1,048,514</b>	<b>81,716</b>		<b>182</b>
<b>2011</b>								
January - March	273,478	3,381	3,354	48,165	254,647	26,617	172,581	-
April - June	264,291	3,419	3,069	50,507	241,247	26,987	171,795	-
July - September	275,006	3,588	3,500	49,909	279,722	25,976	150,881	-
October - December	282,853	2,700	3,287	51,897	227,332	27,679	180,054	-
<b>Total</b>	<b>1,095,628</b>	<b>13,088</b>	<b>13,209</b>		<b>1,002,948</b>	<b>107,259</b>		<b>11,506</b>
<b>2012</b>								
January - March	266,865	2,022	2,893	51,141	207,833	28,642	202,166	-
April - June	241,047	2,329	2,500	50,374	201,555	37,534	205,023	-
July - September	258,956	2,415	2,982	46,231	253,984	31,563	189,530	-
October - December	249,591	2,394	2,821	46,157	225,813	28,006	192,696	-
<b>Total</b>	<b>1,016,458</b>	<b>9,159</b>	<b>11,196</b>		<b>889,185</b>	<b>125,746</b>		<b>14,980</b>
<b>2013</b>								
January - March	244,867	1,429	3,169	48,422	228,987	31,835	178,419	-
April - June	243,211	2,756	2,687	50,129	216,014	29,427	178,110	-
July - September	257,595	2,398	2,782	47,135	253,357	28,589	160,079	-
October - December	239,169	2,323	2,640	45,652	226,084	27,809	154,676	-
<b>Total</b>	<b>984,842</b>	<b>8,906</b>	<b>11,279</b>		<b>924,442</b>	<b>117,659</b>		<b>1,451</b>
<b>2014</b>								
January - March	245,271	2,450	3,277	44,728	248,329	27,584	123,990	-
April - June	245,844	3,574	2,896	42,682	211,881	24,674	139,471	-
July - September	255,377	3,151	3,256	38,828	247,453	22,723	131,386	-
October - December	253,557	2,174	2,662	38,894	210,068	22,276	158,833	-
<b>Total</b>	<b>1,000,049</b>	<b>11,350</b>	<b>12,090</b>		<b>917,731</b>	<b>97,257</b>		<b>11,101</b>
<b>2015</b>								
January - March	240,324	3,009	2,821	39,610	212,772	21,979	160,509	-
April - June	212,557	2,640	2,209	39,399	188,975	19,766	173,314	-
July - September	236,823	2,965	2,722	36,213	229,393	16,914	169,784	-
October - December	207,237	2,705	2,217	35,871	166,974	15,299	202,560	-
<b>Total</b>	<b>896,941</b>	<b>11,318</b>	<b>9,969</b>		<b>798,115</b>	<b>73,958</b>		<b>5,452</b>
<b>2016</b>								
January - March	173,225	2,698	2,478	35,207*	165,951	14,153	198,471	-
<b>Total</b>	<b>173,225</b>	<b>2,698</b>	<b>2,478</b>		<b>165,951</b>	<b>14,153</b>		<b>3,050</b>
<b>2015 January - March</b>	<b>240,324</b>	<b>3,009</b>	<b>2,821</b>		<b>212,772</b>	<b>21,979</b>		-
<b>2014 January - March</b>	<b>245,271</b>	<b>2,450</b>	<b>3,277</b>		<b>248,329</b>	<b>27,584</b>		-

1 Includes refuse recovery.

2 Reported as of the last day of the quarter.

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

\* Estimated.

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

Source: \*Production: U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, 'Quarterly Mine Employment and Coal Production Report.' \*Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.' \*Waste Coal Supplied: Form EIA-923, 'Power Plant Operations Report' and Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' \*Producer and Distributor Stocks: 'Short-Term Energy Outlook' estimates, Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and Form EIA-8A, 'Annual Survey of Coal Stocks and Coal Exports.' \*Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.' \*Consumption: Form EIA-923, 'Power Plant Operations Report,' Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data,' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.' \*Consumer Stocks: Form EIA-923, 'Power Plant Operations Report' and Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table ES-2. U.S. Coke Summary Statistics, 2010 - 2016**

(thousand short tons)

<b>Year and Quarter</b>	<b>Production</b>	<b>Imports</b>	<b>Producer and Distributor Stocks<sup>1</sup></b>	<b>Consumption<sup>2</sup></b>	<b>Exports</b>
<b>2010</b>					
January - March	3,433	365	702	3,588	285
April - June	3,810	448	629	4,029	300
July - September	3,971	330	721	3,920	290
October - December	3,808	71	702	3,310	587
<b>Total</b>	<b>15,022</b>	<b>1,214</b>		<b>14,847</b>	<b>1,463</b>
<b>2011</b>					
January - March	3,708	289	648	3,870	181
April - June	3,887	371	681	3,996	229
July - September	3,907	451	704	4,073	261
October - December	3,919	307	745	3,886	299
<b>Total</b>	<b>15,420</b>	<b>1,418</b>		<b>15,825</b>	<b>970</b>
<b>2012</b>					
January - March	3,857	365	636	4,160	172
April - June	3,863	462	594	4,165	203
July - September	3,726	145	532	3,722	210
October - December	3,726	162	606	3,425	389
<b>Total</b>	<b>15,172</b>	<b>1,135</b>		<b>15,472</b>	<b>974</b>
<b>2013</b>					
January - March	3,841	57	573	3,763	167
April - June	3,954	42	757	3,599	212
July - September	3,742	31	778	3,539	213
October - December	3,783	8	872	3,450	247
<b>Total</b>	<b>15,320</b>	<b>138</b>		<b>14,351</b>	<b>840</b>
<b>2014</b>					
January - March	3,483	2	718	3,515	124
April - June	3,718	38	751	3,531	192
July - September	4,036	12	786	3,697	316
October - December	3,917	25	797	3,616	315
<b>Total</b>	<b>15,154</b>	<b>77</b>		<b>14,359</b>	<b>946</b>
<b>2015</b>					
January - March	3,611	3	1,044	3,204	163
April - June	3,511	10	1,127	3,135	302
July - September	3,507	74	785	3,770	152
October - December	3,126	54	707	3,018	239
<b>Total</b>	<b>13,755</b>	<b>140</b>		<b>13,128</b>	<b>857</b>
<b>2016</b>					
January - March	2,950	4	831	2,757	72
<b>Total</b>	<b>2,950</b>	<b>4</b>		<b>2,757</b>	<b>72</b>
<b>2015 January - March</b>	<b>3,611</b>	<b>3</b>		<b>3,204</b>	<b>163</b>
<b>2014 January - March</b>	<b>3,483</b>	<b>2</b>		<b>3,515</b>	<b>124</b>

1 Reported as of the last day of the quarter.

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

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

Source: \*Production, Consumption, and Producer and Distributor Stocks: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' \*Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.' \*Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

## Production

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**Table 1. U.S. Coal Production, 2010 - 2016**

(thousand short tons)

<b>Year</b>	<b>January - March</b>	<b>April - June</b>	<b>July - September</b>	<b>October - December</b>	<b>Total</b>
2010	265,702	264,982	277,505	276,180	1,084,368
2011	273,478	264,291	275,006	282,853	1,095,628
2012	266,865	241,047	258,956	249,591	1,016,458
2013	244,867	243,211	257,595	239,169	984,842
2014	245,271	245,844	255,377	253,557	1,000,049
2015	240,324	212,557	236,823	207,237	896,941
2016	173,225	-	-	-	173,225

- = No data reported.

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

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

**Table 2. Coal Production by State**

(thousand short tons)

Coal-Producing Region and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
Alabama	2,448	2,356	4,063	2,448	4,063	-39.7
Alaska	310	312	265	310	265	16.7
Arizona	1,335	1,376	1,755	1,335	1,755	-23.9
Arkansas	11	18	21	11	21	-48.0
Colorado	2,510	3,258	5,263	2,510	5,263	-52.3
Illinois	11,227	11,894	16,838	11,227	16,838	-33.3
Indiana	7,224	7,264	9,463	7,224	9,463	-23.7
Kansas	27	55	53	27	53	-49.6
<b>Kentucky Total</b>	<b>11,442</b>	<b>12,929</b>	<b>16,887</b>	<b>11,442</b>	<b>16,887</b>	<b>-32.2</b>
Eastern (Kentucky)	4,594	5,758	7,837	4,594	7,837	-41.4
Western (Kentucky)	6,848	7,172	9,050	6,848	9,050	-24.3
Louisiana	656	766	760	656	760	-13.6
Maryland	401	428	559	401	559	-28.3
Mississippi	770	621	781	770	781	-1.3
Missouri	41	16	41	41	41	1.9
Montana	7,429	9,544	10,926	7,429	10,926	-32.0
New Mexico	4,295	4,914	3,875	4,295	3,875	10.8
North Dakota	7,209	6,954	7,411	7,209	7,411	-2.7
Ohio	3,912	3,698	4,976	3,912	4,976	-21.4
Oklahoma	167	181	203	167	203	-17.5
<b>Pennsylvania Total</b>	<b>10,344</b>	<b>10,776</b>	<b>13,433</b>	<b>10,344</b>	<b>13,433</b>	<b>-23.0</b>
Anthracite (Pennsylvania)	438	477	448	438	448	-2.3
Bituminous (Pennsylvania)	9,906	10,299	12,985	9,906	12,985	-23.7
Tennessee	205	214	206	205	206	-0.6
Texas	9,917	9,441	7,965	9,917	7,965	24.5
Utah	3,362	3,424	3,603	3,362	3,603	-6.7
Virginia	3,133	3,229	3,722	3,133	3,722	-15.8
<b>West Virginia Total</b>	<b>19,232</b>	<b>21,455</b>	<b>27,340</b>	<b>19,232</b>	<b>27,340</b>	<b>-29.7</b>
Northern (West Virginia)	10,297	11,988	13,368	10,297	13,368	-23.0
Southern (West Virginia)	8,934	9,468	13,972	8,934	13,972	-36.1
Wyoming	65,507	91,697	99,593	65,507	99,593	-34.2
<b>Appalachia Total</b>	<b>44,267</b>	<b>47,912</b>	<b>62,132</b>	<b>44,267</b>	<b>62,132</b>	<b>-28.8</b>
Appalachia Central	16,866	18,667	25,733	16,866	25,733	-34.5
Appalachia Northern	24,953	26,889	32,336	24,953	32,336	-22.8
Appalachia Southern	2,448	2,356	4,063	2,448	4,063	-39.7
<b>Interior Region Total</b>	<b>36,889</b>	<b>37,428</b>	<b>45,174</b>	<b>36,889</b>	<b>45,174</b>	<b>-18.3</b>
Illinois Basin	25,299	26,330	35,351	25,299	35,351	-28.4
Interior	11,590	11,097	9,823	11,590	9,823	18.0
<b>Western Region Total</b>	<b>91,957</b>	<b>121,478</b>	<b>132,692</b>	<b>91,957</b>	<b>132,692</b>	<b>-30.7</b>
Powder River Basin	69,172	96,441	105,765	69,172	105,765	-34.6
Uinta Region	5,594	6,452	8,425	5,594	8,425	-33.6
Western	17,190	18,585	18,502	17,190	18,502	-7.1
<b>East of Mississippi River</b>	<b>70,337</b>	<b>74,864</b>	<b>98,268</b>	<b>70,337</b>	<b>98,268</b>	<b>-28.4</b>
<b>West of Mississippi River</b>	<b>102,776</b>	<b>131,954</b>	<b>141,734</b>	<b>102,776</b>	<b>141,734</b>	<b>-27.5</b>
<b>U.S. Subtotal</b>	<b>173,113</b>	<b>206,819</b>	<b>240,002</b>	<b>173,113</b>	<b>240,002</b>	<b>-27.9</b>
<b>Refuse Recovery</b>	<b>112</b>	<b>418</b>	<b>322</b>	<b>112</b>	<b>322</b>	<b>-65.1</b>
<b>U.S. Total</b>	<b>173,225</b>	<b>207,237</b>	<b>240,324</b>	<b>173,225</b>	<b>240,324</b>	<b>-27.9</b>

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

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

**Table 3. Coke and Breeze Production at Coke Plants**

(thousand short tons)

Census Division	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	883	994	1,231	883	1,231	-28.3
East North Central	1,669	1,824	1,999	1,669	1,999	-16.5
South Atlantic	301	309	325	301	325	-7.3
East South Central	229	152	281	229	281	-18.7
<b>U.S. Total</b>	<b>3,082</b>	<b>3,279</b>	<b>3,836</b>	<b>3,082</b>	<b>3,836</b>	<b>-19.6</b>
<b>Coke Total</b>	<b>2,950</b>	<b>3,126</b>	<b>3,611</b>	<b>2,950</b>	<b>3,611</b>	<b>-18.3</b>
<b>Breeze Total</b>	<b>133</b>	<b>153</b>	<b>225</b>	<b>133</b>	<b>225</b>	<b>-41.0</b>

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

## Exports and Imports

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**Table 4. U.S. Coal Exports and Imports, 2010 - 2016**

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	17,807	4,803	21,965	5,058	21,074	4,680	20,870	4,811	81,716	19,353
2011	26,617	3,381	26,987	3,419	25,976	3,588	27,679	2,700	107,259	13,088
2012	28,642	2,022	37,534	2,329	31,563	2,415	28,006	2,394	125,746	9,159
2013	31,835	1,429	29,427	2,756	28,589	2,398	27,809	2,323	117,659	8,906
2014	27,584	2,450	24,674	3,574	22,723	3,151	22,276	2,174	97,257	11,350
2015	21,979	3,009	19,766	2,640	16,914	2,965	15,299	2,705	73,958	11,318
2016	14,153	2,698	-	-	-	-	-	-	14,153	2,698

- = No data reported.

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

Source: Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545;' and Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.'

**Table 5. Average Price of U.S. Coal Exports and Imports, 2010 - 2016**

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	106.52	62.02	121.36	71.91	125.45	77.12	126.16	76.18	120.41	71.77
2011	139.34	86.00	153.00	105.86	155.88	112.06	147.38	110.19	148.86	103.32
2012	134.88	103.82	118.95	100.89	115.12	93.25	104.64	90.39	118.43	96.78
2013	99.68	86.87	96.77	83.18	91.64	81.66	91.46	83.12	95.06	83.35
2014	90.72	78.15	86.24	80.46	85.69	80.60	84.94	85.48	87.08	80.96
2015	82.31	69.95	80.14	74.40	73.52	71.85	68.61	70.48	76.89	71.61
2016	61.41	63.97	-	-	-	-	-	-	61.41	63.97

- = No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545;' and Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.'



**Table 6. Quantity and Average Price of U.S. Coal Imports by Origin, 2010 - 2016**

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
<b>2010</b>	<b>380,404</b>	<b>1,766,896</b>	<b>14,583,950</b>	<b>1,904,040</b>	<b>52,869</b>	<b>581,700</b>	<b>82,828</b>	<b>19,352,687</b>
<b>2011</b>	<b>61,745</b>	<b>1,680,490</b>	<b>9,500,387</b>	<b>856,038</b>	<b>22,128</b>	<b>778,887</b>	<b>187,931</b>	<b>13,087,606</b>
<b>2012</b>	-	<b>1,107,727</b>	<b>6,951,515</b>	<b>517,532</b>	<b>77,738</b>	<b>287,147</b>	<b>217,598</b>	<b>9,159,257</b>
<b>2013</b>	<b>22</b>	<b>1,116,076</b>	<b>6,575,927</b>	<b>886,920</b>	<b>51,944</b>	<b>42,428</b>	<b>233,108</b>	<b>8,906,425</b>
<b>2014</b>	<b>532</b>	<b>1,026,523</b>	<b>8,295,286</b>	<b>1,526,611</b>	<b>39,776</b>	<b>288,738</b>	<b>172,460</b>	<b>11,349,926</b>
<b>2015</b>								
January - March	18	171,631	2,299,716	488,859	840	35,697	12,045	3,008,806
April - June	319	325,205	2,111,040	163,913	8,835	-	30,657	2,639,969
July - September	60,657	349,630	2,392,245	119,658	3,846	38,478	-	2,964,514
October - December	-	341,189	2,133,033	117,694	2,578	-	110,228	2,704,722
<b>U.S. Total</b>	<b>60,994</b>	<b>1,187,655</b>	<b>8,936,034</b>	<b>890,124</b>	<b>16,099</b>	<b>74,175</b>	<b>152,930</b>	<b>11,318,011</b>
<b>2016</b>								
January - March	59,398	239,440	2,190,869	200,846	837	-	6,154	2,697,544
<b>U.S. Total</b>	<b>59,398</b>	<b>239,440</b>	<b>2,190,869</b>	<b>200,846</b>	<b>837</b>	<b>-</b>	<b>6,154</b>	<b>2,697,544</b>

**Average Price  
(dollars per short ton)**

<b>2010</b>	<b>56.75</b>	<b>167.33</b>	<b>63.31</b>	<b>44.58</b>	<b>223.42</b>	<b>72.75</b>	<b>114.06</b>	<b>71.77</b>
<b>2011</b>	<b>52.72</b>	<b>253.79</b>	<b>82.89</b>	<b>47.13</b>	<b>267.33</b>	<b>83.22</b>	<b>127.37</b>	<b>103.32</b>
<b>2012</b>	-	<b>184.89</b>	<b>83.94</b>	<b>53.54</b>	<b>133.39</b>	<b>109.51</b>	<b>131.25</b>	<b>96.78</b>
<b>2013</b>	<b>182.64</b>	<b>145.52</b>	<b>75.11</b>	<b>59.45</b>	<b>107.55</b>	<b>91.81</b>	<b>101.89</b>	<b>83.35</b>
<b>2014</b>	<b>117.40</b>	<b>131.45</b>	<b>78.63</b>	<b>56.36</b>	<b>155.20</b>	<b>83.80</b>	<b>88.53</b>	<b>80.96</b>
<b>2015</b>								
January - March	423.06	107.01	70.58	52.33	174.44	81.04	96.27	69.95
April - June	74.83	122.71	66.89	62.63	114.81	-	129.91	74.40
July - September	60.06	121.76	65.34	60.27	273.60	57.60	-	71.85
October - December	-	104.32	63.86	62.57	295.39	-	97.10	70.48
<b>U.S. Total</b>	<b>60.25</b>	<b>114.88</b>	<b>66.70</b>	<b>56.65</b>	<b>184.78</b>	<b>68.88</b>	<b>103.61</b>	<b>71.61</b>
<b>2016</b>								
January - March	49.49	71.93	64.73	50.45	70.24	-	63.72	63.97
<b>U.S. Total</b>	<b>49.49</b>	<b>71.93</b>	<b>64.73</b>	<b>50.45</b>	<b>70.24</b>	<b>-</b>	<b>63.72</b>	<b>63.97</b>

- = No data reported.

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

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

**Table 7. U.S. Coal Exports**

(short tons)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>1,373,100</b>	<b>2,359,203</b>	<b>1,865,247</b>	<b>1,373,100</b>	<b>1,865,247</b>	<b>-26.4</b>
Canada*	608,869	1,671,121	715,703	608,869	715,703	-14.9
Dominican Republic	19	-	1,745	19	1,745	-98.9
Guatemala	-	39,683	59	-	59	-
Honduras	35,825	34,337	34,651	35,825	34,651	3.4
Jamaica	36,375	36,410	36,101	36,375	36,101	0.8
Mexico	691,800	576,651	1,076,439	691,800	1,076,439	-35.7
Trinidad and Tobago	12	424	355	12	355	-96.6
Other**	200	577	194	200	194	3.1
<b>South America Total</b>	<b>1,973,885</b>	<b>1,760,556</b>	<b>1,960,055</b>	<b>1,973,885</b>	<b>1,960,055</b>	<b>0.7</b>
Argentina	-	-	193,180	-	193,180	-
Brazil	1,858,826	1,530,256	1,710,526	1,858,826	1,710,526	8.7
Chile	419	229,838	55,936	419	55,936	-99.3
Other**	114,640	462	413	114,640	413	NM
<b>Europe Total</b>	<b>6,216,821</b>	<b>8,184,871</b>	<b>12,263,059</b>	<b>6,216,821</b>	<b>12,263,059</b>	<b>-49.3</b>
Austria	206,234	277	193,026	206,234	193,026	6.8
Belgium	264,275	187,352	494,926	264,275	494,926	-46.6
Croatia	202,475	246,117	560,541	202,475	560,541	-63.9
Finland	75,352	60,539	58,975	75,352	58,975	27.8
France	227,174	171,118	458,828	227,174	458,828	-50.5
Germany, Federal Republic of	629,248	956,538	1,259,170	629,248	1,259,170	-50.0
Italy	485,023	857,415	812,980	485,023	812,980	-40.3
Netherlands	2,544,009	3,826,382	3,337,712	2,544,009	3,337,712	-23.8
Norway	20,783	18,947	24,111	20,783	24,111	-13.8
Poland	27,557	116,569	263,184	27,557	263,184	-89.5
Romania	22,931	22,912	119,829	22,931	119,829	-80.9
Slovakia	23	73,304	81,037	23	81,037	-100.0
Slovenia	-	88,446	22,052	-	22,052	-
Spain	485,502	320,780	301,163	485,502	301,163	61.2
Sweden	-	146,984	100,585	-	100,585	-
Turkey	297,015	267	1,263,315	297,015	1,263,315	-76.5
Ukraine	355,136	664,361	1,009,195	355,136	1,009,195	-64.8
United Kingdom	304,456	415,741	1,849,643	304,456	1,849,643	-83.5
Other**	69,628	10,822	52,787	69,628	52,787	31.9
<b>Asia Total</b>	<b>4,079,826</b>	<b>2,767,412</b>	<b>5,812,327</b>	<b>4,079,826</b>	<b>5,812,327</b>	<b>-29.8</b>
China	123,845	291	371	123,845	371	NM
India	1,869,932	945,602	2,574,784	1,869,932	2,574,784	-27.4
Japan	979,630	1,148,777	1,188,858	979,630	1,188,858	-17.6
Singapore	-	-	127,400	-	127,400	-
South Korea (Republic of Korea)	1,104,643	669,512	1,919,728	1,104,643	1,919,728	-42.5
Other**	1,776	3,230	1,186	1,776	1,186	49.7
<b>Australia and Oceania Total</b>	<b>21</b>	<b>163</b>	<b>95</b>	<b>21</b>	<b>95</b>	<b>-77.9</b>
Other**	21	163	95	21	95	-77.9
<b>Africa Total</b>	<b>509,368</b>	<b>226,529</b>	<b>78,268</b>	<b>509,368</b>	<b>78,268</b>	<b>NM</b>
Egypt	116	76	35	116	35	231.4
Morocco	433,914	142,658	-	433,914	-	-
South Africa	75,310	83,650	78,175	75,310	78,175	-3.7
Other**	28	145	58	28	58	-51.7
<b>Total</b>	<b>14,153,021</b>	<b>15,298,734</b>	<b>21,979,051</b>	<b>14,153,021</b>	<b>21,979,051</b>	<b>-35.6</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'

**Table 8. Average Price of U.S. Coal Exports**

(dollars per short ton)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>62.62</b>	<b>81.09</b>	<b>76.28</b>	<b>62.62</b>	<b>76.28</b>	<b>-17.9</b>
Canada*	87.37	97.37	80.39	87.37	80.39	8.7
Dominican Republic	213.68	-	461.75	213.68	461.75	-53.7
Guatemala	-	66.22	359.27	-	359.27	-
Honduras	78.02	78.02	54.43	78.02	54.43	43.3
Jamaica	38.10	39.48	45.51	38.10	45.51	-16.3
Mexico	41.25	37.52	74.53	41.25	74.53	-44.7
Trinidad and Tobago	1,169.17	340.49	332.77	1,169.17	332.77	251.3
Other**	268.20	94.77	228.02	268.20	228.02	17.6
<b>South America Total</b>	<b>64.14</b>	<b>74.23</b>	<b>95.84</b>	<b>64.14</b>	<b>95.84</b>	<b>-33.1</b>
Argentina	-	-	100.84	-	100.84	-
Brazil	64.88	75.55	96.44	64.88	96.44	-32.7
Chile	439.62	64.95	58.57	439.62	58.57	NM
Other**	50.75	298.69	319.59	50.75	319.59	-84.1
<b>Europe Total</b>	<b>64.27</b>	<b>65.67</b>	<b>85.46</b>	<b>64.27</b>	<b>85.46</b>	<b>-24.8</b>
Austria	76.39	37.44	98.20	76.39	98.20	-22.2
Belgium	77.87	88.57	98.92	77.87	98.92	-21.3
Croatia	70.61	74.04	104.79	70.61	104.79	-32.6
Finland	80.41	78.51	110.51	80.41	110.51	-27.2
France	70.93	78.48	87.15	70.93	87.15	-18.6
Germany, Federal Republic of	60.50	61.78	73.88	60.50	73.88	-18.1
Italy	83.25	66.63	86.45	83.25	86.45	-3.7
Netherlands	52.45	54.57	76.25	52.45	76.25	-31.2
Norway	145.78	124.47	148.29	145.78	148.29	-1.7
Poland	74.84	78.40	100.95	74.84	100.95	-25.9
Romania	61.45	71.59	126.64	61.45	126.64	-51.5
Slovakia	1,788.70	106.14	106.37	1,788.70	106.37	NM
Slovenia	-	83.91	103.42	-	103.42	-
Spain	72.19	86.72	106.91	72.19	106.91	-32.5
Sweden	-	94.69	98.99	-	98.99	-
Turkey	62.36	618.24	86.66	62.36	86.66	-28.0
Ukraine	71.07	93.85	102.91	71.07	102.91	-30.9
United Kingdom	86.21	60.90	76.77	86.21	76.77	12.3
Other**	46.79	141.92	62.70	46.79	62.70	-25.4
<b>Asia Total</b>	<b>57.31</b>	<b>63.78</b>	<b>72.75</b>	<b>57.31</b>	<b>72.75</b>	<b>-21.2</b>
China	102.91	593.52	480.22	102.91	480.22	-78.6
India	45.39	57.53	78.90	45.39	78.90	-42.5
Japan	70.42	68.17	84.89	70.42	84.89	-17.0
Singapore	-	-	61.71	-	61.71	-
South Korea (Republic of Korea)	60.12	61.53	57.28	60.12	57.28	5.0
Other**	449.92	751.47	640.29	449.92	640.29	-29.7
<b>Australia and Oceania Total</b>	<b>447.00</b>	<b>374.00</b>	<b>381.77</b>	<b>447.00</b>	<b>381.77</b>	<b>17.1</b>
Other**	447.00	374.00	381.77	447.00	381.77	17.1
<b>Africa Total</b>	<b>45.54</b>	<b>60.12</b>	<b>102.56</b>	<b>45.54</b>	<b>102.56</b>	<b>-55.6</b>
Egypt	219.83	464.80	2,480.00	219.83	2,480.00	-91.1
Morocco	39.92	49.60	-	39.92	-	-
South Africa	77.59	77.38	101.18	77.59	101.18	-23.3
Other**	217.86	247.57	529.74	217.86	529.74	-58.9
<b>Total</b>	<b>61.41</b>	<b>68.61</b>	<b>82.31</b>	<b>61.41</b>	<b>82.31</b>	<b>-25.4</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

Note: 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 percent of all shipments). Total may not equal sum of components because of independent rounding.

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

**Table 9. U.S. Steam Coal Exports**

(short tons)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>787,098</b>	<b>881,183</b>	<b>1,419,062</b>	<b>787,098</b>	<b>1,419,062</b>	<b>-44.5</b>
Canada*	167,947	330,053	376,646	167,947	376,646	-55.4
Dominican Republic	19	-	1,745	19	1,745	-98.9
Guatemala	-	-	59	-	59	-
Honduras	-	-	34,651	-	34,651	-
Jamaica	36,375	36,410	36,101	36,375	36,101	0.8
Mexico	582,545	513,719	969,311	582,545	969,311	-39.9
Trinidad and Tobago	12	424	355	12	355	-96.6
Other**	200	577	194	200	194	3.1
<b>South America Total</b>	<b>115,410</b>	<b>230,734</b>	<b>113,916</b>	<b>115,410</b>	<b>113,916</b>	<b>1.3</b>
Argentina	-	-	81	-	81	-
Brazil	351	434	57,486	351	57,486	-99.4
Chile	419	229,838	55,936	419	55,936	-99.3
Other**	114,640	462	413	114,640	413	NM
<b>Europe Total</b>	<b>1,888,141</b>	<b>3,749,146</b>	<b>4,674,783</b>	<b>1,888,141</b>	<b>4,674,783</b>	<b>-59.6</b>
Austria	277	277	22	277	22	NM
Belgium	-	34	14,349	-	14,349	-
Finland	-	-	101	-	101	-
France	-	-	90,915	-	90,915	-
Germany, Federal Republic of	394,780	588,744	595,301	394,780	595,301	-33.7
Italy	37,555	389,535	430,501	37,555	430,501	-91.3
Netherlands	1,351,286	2,582,501	2,318,043	1,351,286	2,318,043	-41.7
Norway	42	8,839	8,267	42	8,267	-99.5
Slovakia	23	-	-	23	-	-
Spain	42,912	926	1,100	42,912	1,100	NM
Turkey	91	267	90,919	91	90,919	-99.9
United Kingdom	165	177,766	1,080,438	165	1,080,438	-100.0
Other**	61,010	257	44,827	61,010	44,827	36.1
<b>Asia Total</b>	<b>1,063,670</b>	<b>989,964</b>	<b>2,253,057</b>	<b>1,063,670</b>	<b>2,253,057</b>	<b>-52.8</b>
China	674	291	371	674	371	81.7
India	679,742	458,943	753,443	679,742	753,443	-9.8
Japan	119,794	362,845	211,534	119,794	211,534	-43.4
Singapore	-	-	127,400	-	127,400	-
South Korea (Republic of Korea)	261,831	164,677	1,159,167	261,831	1,159,167	-77.4
Other**	1,629	3,208	1,142	1,629	1,142	42.6
<b>Australia and Oceania Total</b>	<b>-</b>	<b>163</b>	<b>95</b>	<b>-</b>	<b>95</b>	<b>-</b>
Other**	-	163	95	-	95	-
<b>Africa Total</b>	<b>145,509</b>	<b>229</b>	<b>2,051</b>	<b>145,509</b>	<b>2,051</b>	<b>NM</b>
Egypt	116	76	35	116	35	231.4
Morocco	145,329	-	-	145,329	-	-
South Africa	36	8	1,958	36	1,958	-98.2
Other**	28	145	58	28	58	-51.7
<b>Total</b>	<b>3,999,828</b>	<b>5,851,419</b>	<b>8,462,964</b>	<b>3,999,828</b>	<b>8,462,964</b>	<b>-52.7</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

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

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

**Table 10. Average Price of U.S. Steam Coal Exports**

(dollars per short ton)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>40.85</b>	<b>44.62</b>	<b>71.22</b>	<b>40.85</b>	<b>71.22</b>	<b>-42.6</b>
Canada*	85.43	69.79	74.16	85.43	74.16	15.2
Dominican Republic	213.68	-	461.75	213.68	461.75	-53.7
Guatemala	-	-	359.27	-	359.27	-
Honduras	-	-	54.43	-	54.43	-
Jamaica	38.10	39.48	45.51	38.10	45.51	-16.3
Mexico	28.06	28.52	70.79	28.06	70.79	-60.4
Trinidad and Tobago	1,169.17	340.49	332.77	1,169.17	332.77	251.3
Other**	268.20	94.77	228.02	268.20	228.02	17.6
<b>South America Total</b>	<b>53.07</b>	<b>66.22</b>	<b>90.95</b>	<b>53.07</b>	<b>90.95</b>	<b>-41.6</b>
Argentina	-	-	264.84	-	264.84	-
Brazil	349.76	488.95	120.57	349.76	120.57	190.1
Chile	439.62	64.95	58.57	439.62	58.57	NM
Other**	50.75	298.69	319.59	50.75	319.59	-84.1
<b>Europe Total</b>	<b>43.66</b>	<b>50.74</b>	<b>65.69</b>	<b>43.66</b>	<b>65.69</b>	<b>-33.5</b>
Austria	37.44	37.44	471.45	37.44	471.45	-92.1
Belgium	-	244.35	179.62	-	179.62	-
Finland	-	-	277.99	-	277.99	-
France	-	-	62.96	-	62.96	-
Germany, Federal Republic of	53.34	55.95	47.99	53.34	47.99	11.1
Italy	68.59	42.69	66.21	68.59	66.21	3.6
Netherlands	40.52	49.77	70.14	40.52	70.14	-42.2
Norway	2,575.24	160.89	136.08	2,575.24	136.08	NM
Slovakia	1,788.70	-	-	1,788.70	-	-
Spain	40.11	310.37	277.75	40.11	277.75	-85.6
Turkey	567.51	618.24	56.32	567.51	56.32	NM
United Kingdom	1,153.84	56.81	65.24	1,153.84	65.24	NM
Other**	31.69	605.63	45.47	31.69	45.47	-30.3
<b>Asia Total</b>	<b>45.67</b>	<b>44.50</b>	<b>47.97</b>	<b>45.67</b>	<b>47.97</b>	<b>-4.8</b>
China	532.88	593.52	480.22	532.88	480.22	11.0
India	39.41	51.93	72.11	39.41	72.11	-45.3
Japan	43.36	34.15	38.47	43.36	38.47	12.7
Singapore	-	-	61.71	-	61.71	-
South Korea (Republic of Korea)	59.00	31.80	31.77	59.00	31.77	85.7
Other**	481.19	755.83	657.26	481.19	657.26	-26.8
<b>Australia and Oceania Total</b>	<b>-</b>	<b>374.00</b>	<b>381.77</b>	<b>-</b>	<b>381.77</b>	<b>-</b>
Other**	-	374.00	381.77	-	381.77	-
<b>Africa Total</b>	<b>39.99</b>	<b>327.97</b>	<b>357.22</b>	<b>39.99</b>	<b>357.22</b>	<b>-88.8</b>
Egypt	219.83	464.80	2,480.00	219.83	2,480.00	-91.1
Morocco	39.67	-	-	39.67	-	-
South Africa	608.08	485.25	314.16	608.08	314.16	93.6
Other**	217.86	247.57	529.74	217.86	529.74	-58.9
<b>Total</b>	<b>43.78</b>	<b>49.40</b>	<b>62.31</b>	<b>43.78</b>	<b>62.31</b>	<b>-29.7</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

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

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

**Table 11. U.S. Metallurgical Coal Exports**

(short tons)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>586,002</b>	<b>1,478,020</b>	<b>446,185</b>	<b>586,002</b>	<b>446,185</b>	<b>31.3</b>
Canada*	440,922	1,341,068	339,057	440,922	339,057	30.0
Guatemala	-	39,683	-	-	-	-
Honduras	35,825	34,337	-	35,825	-	-
Mexico	109,255	62,932	107,128	109,255	107,128	2.0
<b>South America Total</b>	<b>1,858,475</b>	<b>1,529,822</b>	<b>1,846,139</b>	<b>1,858,475</b>	<b>1,846,139</b>	<b>0.7</b>
Argentina	-	-	193,099	-	193,099	-
Brazil	1,858,475	1,529,822	1,653,040	1,858,475	1,653,040	12.4
<b>Europe Total</b>	<b>4,328,680</b>	<b>4,435,725</b>	<b>7,588,276</b>	<b>4,328,680</b>	<b>7,588,276</b>	<b>-43.0</b>
Austria	205,957	-	193,004	205,957	193,004	6.7
Belgium	264,275	187,318	480,577	264,275	480,577	-45.0
Croatia	202,475	246,117	560,541	202,475	560,541	-63.9
Finland	75,352	60,539	58,874	75,352	58,874	28.0
France	227,174	171,118	367,913	227,174	367,913	-38.3
Germany, Federal Republic of	234,468	367,794	663,869	234,468	663,869	-64.7
Italy	447,468	467,880	382,479	447,468	382,479	17.0
Netherlands	1,192,723	1,243,881	1,019,669	1,192,723	1,019,669	17.0
Norway	20,741	10,108	15,844	20,741	15,844	30.9
Poland	27,557	116,569	263,184	27,557	263,184	-89.5
Romania	22,931	22,912	119,829	22,931	119,829	-80.9
Slovakia	-	73,304	81,037	-	81,037	-
Slovenia	-	88,446	22,052	-	22,052	-
Spain	442,590	319,854	300,063	442,590	300,063	47.5
Sweden	-	146,984	100,585	-	100,585	-
Turkey	296,924	-	1,172,396	296,924	1,172,396	-74.7
Ukraine	355,136	664,361	1,009,195	355,136	1,009,195	-64.8
United Kingdom	304,291	237,975	769,205	304,291	769,205	-60.4
Other**	8,618	10,565	7,960	8,618	7,960	8.3
<b>Asia Total</b>	<b>3,016,156</b>	<b>1,777,448</b>	<b>3,559,270</b>	<b>3,016,156</b>	<b>3,559,270</b>	<b>-15.3</b>
China	123,171	-	-	123,171	-	-
India	1,190,190	486,659	1,821,341	1,190,190	1,821,341	-34.7
Japan	859,836	785,932	977,324	859,836	977,324	-12.0
South Korea (Republic of Korea)	842,812	504,835	760,561	842,812	760,561	10.8
Other**	147	22	44	147	44	234.1
<b>Australia and Oceania Total</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>-</b>
Other**	21	-	-	21	-	-
<b>Africa Total</b>	<b>363,859</b>	<b>226,300</b>	<b>76,217</b>	<b>363,859</b>	<b>76,217</b>	<b>377.4</b>
Morocco	288,585	142,658	-	288,585	-	-
South Africa	75,274	83,642	76,217	75,274	76,217	-1.2
<b>Total</b>	<b>10,153,193</b>	<b>9,447,315</b>	<b>13,516,087</b>	<b>10,153,193</b>	<b>13,516,087</b>	<b>-24.9</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

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

**Table 12. Average Price of U.S. Metallurgical Coal Exports**

(dollars per short ton)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>91.86</b>	<b>102.82</b>	<b>92.36</b>	<b>91.86</b>	<b>92.36</b>	<b>-0.5</b>
Canada*	88.10	104.16	87.30	88.10	87.30	0.9
Guatemala	-	66.22	-	-	-	-
Honduras	78.02	78.02	-	78.02	-	-
Mexico	111.56	110.99	108.37	111.56	108.37	2.9
<b>South America Total</b>	<b>64.83</b>	<b>75.44</b>	<b>96.14</b>	<b>64.83</b>	<b>96.14</b>	<b>-32.6</b>
Argentina	-	-	100.77	-	100.77	-
Brazil	64.83	75.44	95.60	64.83	95.60	-32.2
<b>Europe Total</b>	<b>73.26</b>	<b>78.28</b>	<b>97.64</b>	<b>73.26</b>	<b>97.64</b>	<b>-25.0</b>
Austria	76.44	-	98.16	76.44	98.16	-22.1
Belgium	77.87	88.54	96.51	77.87	96.51	-19.3
Croatia	70.61	74.04	104.79	70.61	104.79	-32.6
Finland	80.41	78.51	110.22	80.41	110.22	-27.0
France	70.93	78.48	93.13	70.93	93.13	-23.8
Germany, Federal Republic of	72.57	71.12	97.10	72.57	97.10	-25.3
Italy	84.48	86.56	109.24	84.48	109.24	-22.7
Netherlands	65.97	64.54	90.15	65.97	90.15	-26.8
Norway	140.86	92.63	154.66	140.86	154.66	-8.9
Poland	74.84	78.40	100.95	74.84	100.95	-25.9
Romania	61.45	71.59	126.64	61.45	126.64	-51.5
Slovakia	-	106.14	106.37	-	106.37	-
Slovenia	-	83.91	103.42	-	103.42	-
Spain	75.30	86.07	106.29	75.30	106.29	-29.2
Sweden	-	94.69	98.99	-	98.99	-
Turkey	62.20	-	89.02	62.20	89.02	-30.1
Ukraine	71.07	93.85	102.91	71.07	102.91	-30.9
United Kingdom	85.64	63.96	92.97	85.64	92.97	-7.9
Other**	153.67	130.64	159.77	153.67	159.77	-3.8
<b>Asia Total</b>	<b>61.41</b>	<b>74.52</b>	<b>88.43</b>	<b>61.41</b>	<b>88.43</b>	<b>-30.6</b>
China	100.56	-	-	100.56	-	-
India	48.80	62.80	81.71	48.80	81.71	-40.3
Japan	74.19	83.88	94.94	74.19	94.94	-21.9
South Korea (Republic of Korea)	60.47	71.23	96.16	60.47	96.16	-37.1
Other**	103.40	115.77	200.00	103.40	200.00	-48.3
<b>Australia and Oceania Total</b>	<b>447.00</b>	<b>-</b>	<b>-</b>	<b>447.00</b>	<b>-</b>	<b>-</b>
Other**	447.00	-	-	447.00	-	-
<b>Africa Total</b>	<b>47.76</b>	<b>59.85</b>	<b>95.71</b>	<b>47.76</b>	<b>95.71</b>	<b>-50.1</b>
Morocco	40.05	49.60	-	40.05	-	-
South Africa	77.34	77.34	95.71	77.34	95.71	-19.2
<b>Total</b>	<b>68.36</b>	<b>80.51</b>	<b>94.83</b>	<b>68.36</b>	<b>94.83</b>	<b>-27.9</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

Note: 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 percent of all shipments). Total may not equal sum of components because of independent rounding.

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

**Table 13. U.S. Coal Exports by Customs District**

(short tons)

Customs District	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Eastern Total</b>	<b>9,472,145</b>	<b>9,165,858</b>	<b>13,595,691</b>	<b>9,472,145</b>	<b>13,595,691</b>	<b>-30.3</b>
Baltimore, MD	3,850,539	2,991,709	4,886,468	3,850,539	4,886,468	-21.2
Buffalo, NY	3,381	570,146	96,786	3,381	96,786	-96.5
New York City, NY	1,567	1,836	3,560	1,567	3,560	-56.0
Norfolk, VA	5,606,552	5,520,913	8,569,320	5,606,552	8,569,320	-34.6
Ogdensburg, NY	9,780	72,067	9,582	9,780	9,582	2.1
Philadelphia, PA	215	9,035	29,773	215	29,773	-99.3
Portland, ME	-	37	-	-	-	-
St. Albans, VT	111	115	202	111	202	-45.0
<b>Southern Total</b>	<b>3,837,952</b>	<b>4,588,391</b>	<b>5,617,396</b>	<b>3,837,952</b>	<b>5,617,396</b>	<b>-31.7</b>
Charleston, SC	259	124	44	259	44	488.6
El Paso, TX	26,165	25,988	14,991	26,165	14,991	74.5
Houston-Galveston, TX	1,225	113,426	16,608	1,225	16,608	-92.6
Laredo, TX	556,409	487,787	1,310	556,409	1,310	NM
Miami, FL	313	51	1	313	1	NM
Mobile, AL	1,857,059	1,597,165	3,491,115	1,857,059	3,491,115	-46.8
New Orleans, LA	1,396,339	2,363,765	2,093,186	1,396,339	2,093,186	-33.3
Savannah, GA	153	10	70	153	70	118.6
Tampa, FL	30	75	71	30	71	-57.7
<b>Western Total</b>	<b>306,714</b>	<b>619,093</b>	<b>2,313,142</b>	<b>306,714</b>	<b>2,313,142</b>	<b>-86.7</b>
Anchorage, AK	-	-	44	-	44	-
Great Falls, MT	35	133	157	35	157	-77.7
Los Angeles, CA	73,001	539	353,459	73,001	353,459	-79.3
Nogales, AZ	39	-	93	39	93	-58.1
Portland, OR	-	-	126	-	126	-
San Diego, CA	59	45	66	59	66	-10.6
San Francisco, CA	155,776	39,683	600,220	155,776	600,220	-74.0
Seattle, WA	77,804	578,693	1,358,977	77,804	1,358,977	-94.3
<b>Northern Total</b>	<b>529,080</b>	<b>914,960</b>	<b>433,669</b>	<b>529,080</b>	<b>433,669</b>	<b>22.0</b>
Chicago, IL	-	-	2	-	2	-
Cleveland, OH	415,262	791,151	202,012	415,262	202,012	105.6
Detroit, MI	62,211	100,387	230,674	62,211	230,674	-73.0
Duluth, MN	-	1,750	650	-	650	-
Minneapolis, MN	51,216	15,623	-	51,216	-	-
Pembina, ND	391	6,049	331	391	331	18.1
<b>Other Ports</b>	<b>7,130</b>	<b>10,432</b>	<b>19,153</b>	<b>7,130</b>	<b>19,153</b>	<b>-62.8</b>
<b>Total</b>	<b>14,153,021</b>	<b>15,298,734</b>	<b>21,979,051</b>	<b>14,153,021</b>	<b>21,979,051</b>	<b>-35.6</b>

- = No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'



**Table 14. Steam Coal Exports by Customs District**

(short tons)

Customs District	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Eastern Total</b>	<b>1,549,950</b>	<b>2,121,801</b>	<b>3,412,645</b>	<b>1,549,950</b>	<b>3,412,645</b>	<b>-54.6</b>
Baltimore, MD	859,720	1,179,772	1,541,792	859,720	1,541,792	-44.2
Buffalo, NY	3,185	3,147	1,195	3,185	1,195	166.5
New York City, NY	1,567	1,814	3,560	1,567	3,560	-56.0
Norfolk, VA	675,942	856,438	1,832,290	675,942	1,832,290	-63.1
Ogdensburg, NY	9,210	71,443	3,833	9,210	3,833	140.3
Philadelphia, PA	215	9,035	29,773	215	29,773	-99.3
Portland, ME	-	37	-	-	-	-
St. Albans, VT	111	115	202	111	202	-45.0
<b>Southern Total</b>	<b>2,119,752</b>	<b>2,998,261</b>	<b>2,522,116</b>	<b>2,119,752</b>	<b>2,522,116</b>	<b>-16.0</b>
Charleston, SC	112	124	44	112	44	154.5
El Paso, TX	26,165	25,988	14,979	26,165	14,979	74.7
Houston-Galveston, TX	1,225	113,426	16,608	1,225	16,608	-92.6
Laredo, TX	556,282	487,686	1,213	556,282	1,213	NM
Miami, FL	313	51	1	313	1	NM
Mobile, AL	208,973	306,461	595,741	208,973	595,741	-64.9
New Orleans, LA	1,326,629	2,064,440	1,893,389	1,326,629	1,893,389	-29.9
Savannah, GA	23	10	70	23	70	-67.1
Tampa, FL	30	75	71	30	71	-57.7
<b>Western Total</b>	<b>234,072</b>	<b>579,410</b>	<b>2,313,098</b>	<b>234,072</b>	<b>2,313,098</b>	<b>-89.9</b>
Great Falls, MT	35	133	157	35	157	-77.7
Los Angeles, CA	359	539	353,459	359	353,459	-99.9
Nogales, AZ	39	-	93	39	93	-58.1
Portland, OR	-	-	126	-	126	-
San Diego, CA	59	45	66	59	66	-10.6
San Francisco, CA	155,776	-	600,220	155,776	600,220	-74.0
Seattle, WA	77,804	578,693	1,358,977	77,804	1,358,977	-94.3
<b>Northern Total</b>	<b>88,924</b>	<b>141,550</b>	<b>195,952</b>	<b>88,924</b>	<b>195,952</b>	<b>-54.6</b>
Chicago, IL	-	-	2	-	2	-
Cleveland, OH	-	61,511	419	-	419	-
Detroit, MI	37,317	72,240	194,550	37,317	194,550	-80.8
Duluth, MN	-	1,750	650	-	650	-
Minneapolis, MN	51,216	-	-	51,216	-	-
Pembina, ND	391	6,049	331	391	331	18.1
<b>Other Ports</b>	<b>7,130</b>	<b>10,397</b>	<b>19,153</b>	<b>7,130</b>	<b>19,153</b>	<b>-62.8</b>
<b>Total</b>	<b>3,999,828</b>	<b>5,851,419</b>	<b>8,462,964</b>	<b>3,999,828</b>	<b>8,462,964</b>	<b>-52.7</b>

-- No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'

**Table 15. Metallurgical Coal Exports by Customs District**

(short tons)

Customs District	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Eastern Total</b>	<b>7,922,195</b>	<b>7,044,057</b>	<b>10,183,046</b>	<b>7,922,195</b>	<b>10,183,046</b>	<b>-22.2</b>
Baltimore, MD	2,990,819	1,811,937	3,344,676	2,990,819	3,344,676	-10.6
Buffalo, NY	196	566,999	95,591	196	95,591	-99.8
New York City, NY	-	22	-	-	-	-
Norfolk, VA	4,930,610	4,664,475	6,737,030	4,930,610	6,737,030	-26.8
Ogdensburg, NY	570	624	5,749	570	5,749	-90.1
<b>Southern Total</b>	<b>1,718,200</b>	<b>1,590,130</b>	<b>3,095,280</b>	<b>1,718,200</b>	<b>3,095,280</b>	<b>-44.5</b>
Charleston, SC	147	-	-	147	-	-
El Paso, TX	-	-	12	-	12	-
Laredo, TX	127	101	97	127	97	30.9
Mobile, AL	1,648,086	1,290,704	2,895,374	1,648,086	2,895,374	-43.1
New Orleans, LA	69,710	299,325	199,797	69,710	199,797	-65.1
Savannah, GA	130	-	-	130	-	-
<b>Western Total</b>	<b>72,642</b>	<b>39,683</b>	<b>44</b>	<b>72,642</b>	<b>44</b>	<b>NM</b>
Anchorage, AK	-	-	44	-	44	-
Los Angeles, CA	72,642	-	-	72,642	-	-
San Francisco, CA	-	39,683	-	-	-	-
<b>Northern Total</b>	<b>440,156</b>	<b>773,410</b>	<b>237,717</b>	<b>440,156</b>	<b>237,717</b>	<b>85.2</b>
Cleveland, OH	415,262	729,640	201,593	415,262	201,593	106.0
Detroit, MI	24,894	28,147	36,124	24,894	36,124	-31.1
Minneapolis, MN	-	15,623	-	-	-	-
<b>Other Ports</b>	<b>-</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>10,153,193</b>	<b>9,447,315</b>	<b>13,516,087</b>	<b>10,153,193</b>	<b>13,516,087</b>	<b>-24.9</b>

- = No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'

**Table 16. U.S. Coke Exports**

(short tons)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>72,167</b>	<b>239,165</b>	<b>99,293</b>	<b>72,167</b>	<b>99,293</b>	<b>-27.3</b>
Canada*	57,410	224,341	67,597	57,410	67,597	-15.1
Mexico	14,542	14,657	31,393	14,542	31,393	-53.7
Other**	215	167	303	215	303	-29.0
<b>South America Total</b>	<b>21</b>	<b>-</b>	<b>78</b>	<b>21</b>	<b>78</b>	<b>-73.1</b>
Other**	21	-	78	21	78	-73.1
<b>Europe Total</b>	<b>-</b>	<b>30</b>	<b>35,422</b>	<b>-</b>	<b>35,422</b>	<b>-</b>
Other**	-	30	35,422	-	35,422	-
<b>Asia Total</b>	<b>209</b>	<b>186</b>	<b>345</b>	<b>209</b>	<b>345</b>	<b>-39.4</b>
Other**	209	186	345	209	345	-39.4
<b>Australia and Oceania Total</b>	<b>47</b>	<b>63</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>-</b>
Other**	47	63	-	47	-	-
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>27,485</b>	<b>-</b>	<b>27,485</b>	<b>-</b>
Other**	-	-	27,485	-	27,485	-
<b>Total</b>	<b>72,444</b>	<b>239,444</b>	<b>162,623</b>	<b>72,444</b>	<b>162,623</b>	<b>-55.5</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

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

**Table 17. Average Price of U.S. Coke Exports**

(dollars per short ton)

Continent and Country of Destination	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>294.80</b>	<b>204.63</b>	<b>276.27</b>	<b>294.80</b>	<b>276.27</b>	<b>6.7</b>
Canada*	259.33	187.69	294.97	259.33	294.97	-12.1
Mexico	427.49	462.21	232.76	427.49	232.76	83.7
Other**	791.78	355.59	611.72	791.78	611.72	29.4
<b>South America Total</b>	<b>501.14</b>	-	<b>702.17</b>	<b>501.14</b>	<b>702.17</b>	<b>-28.6</b>
Other**	501.14	-	702.17	501.14	702.17	-28.6
<b>Europe Total</b>	-	<b>1,386.60</b>	<b>138.84</b>	-	<b>138.84</b>	-
Other**	-	1,386.60	138.84	-	138.84	-
<b>Asia Total</b>	<b>789.56</b>	<b>660.87</b>	<b>757.13</b>	<b>789.56</b>	<b>757.13</b>	<b>4.3</b>
Other**	789.56	660.87	757.13	789.56	757.13	4.3
<b>Australia and Oceania Total</b>	<b>179.23</b>	<b>364.35</b>	-	<b>179.23</b>	-	-
Other**	179.23	364.35	-	179.23	-	-
<b>Africa Total</b>	-	-	<b>93.45</b>	-	<b>93.45</b>	-
Other**	-	-	93.45	-	93.45	-
<b>Total</b>	<b>296.22</b>	<b>205.18</b>	<b>216.66</b>	<b>296.22</b>	<b>216.66</b>	<b>36.7</b>

\* 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.

\*\* Includes countries with coal exports less than or equal to 50,000 short tons in 2015.

- = No data reported.

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

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

**Table 18. U.S. Coal Imports**

(short tons)

Continent and Country of Origin	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>240,168</b>	<b>341,205</b>	<b>171,698</b>	<b>240,168</b>	<b>171,698</b>	<b>39.9</b>
Canada	239,440	341,189	171,631	239,440	171,631	39.5
Mexico	728	16	67	728	67	NM
<b>South America Total</b>	<b>2,196,295</b>	<b>2,163,485</b>	<b>2,347,074</b>	<b>2,196,295</b>	<b>2,347,074</b>	<b>-6.4</b>
Colombia	2,190,869	2,133,033	2,299,716	2,190,869	2,299,716	-4.7
Peru	5,426	30,452	11,661	5,426	11,661	-53.5
Venezuela	-	-	35,697	-	35,697	-
<b>Europe Total</b>	<b>-</b>	<b>28,996</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Germany, Federal Republic of	-	61	-	-	-	-
Netherlands	-	20	-	-	-	-
Ukraine	-	28,488	-	-	-	-
United Kingdom	-	427	-	-	-	-
<b>Asia Total</b>	<b>201,683</b>	<b>120,272</b>	<b>490,016</b>	<b>201,683</b>	<b>490,016</b>	<b>-58.8</b>
China	837	2,578	840	837	840	-0.4
India	-	-	317	-	317	-
Indonesia	200,846	117,694	488,859	200,846	488,859	-58.9
<b>Australia and Oceania Total</b>	<b>59,398</b>	<b>-</b>	<b>18</b>	<b>59,398</b>	<b>18</b>	<b>NM</b>
Australia	59,398	-	18	59,398	18	NM
<b>Africa Total</b>	<b>-</b>	<b>50,764</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
South Africa	-	50,764	-	-	-	-
<b>Total</b>	<b>2,697,544</b>	<b>2,704,722</b>	<b>3,008,806</b>	<b>2,697,544</b>	<b>3,008,806</b>	<b>-10.3</b>

- = No data reported.

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

Note: Coal imports include coal to Puerto Rico and the Virgin Islands. Total may not equal sum of components because of independent rounding.

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

**Table 19. Average Price of U.S. Coal Imports**

(dollars per short ton)

Continent and Country of Origin	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>71.92</b>	<b>104.33</b>	<b>107.02</b>	<b>71.92</b>	<b>107.02</b>	<b>-32.8</b>
Canada	71.93	104.32	107.01	71.93	107.01	-32.8
Mexico	66.79	360.25	113.43	66.79	113.43	-41.1
<b>South America Total</b>	<b>64.73</b>	<b>64.18</b>	<b>70.82</b>	<b>64.73</b>	<b>70.82</b>	<b>-8.6</b>
Colombia	64.73	63.86	70.58	64.73	70.58	-8.3
Peru	63.31	86.76	86.19	63.31	86.19	-26.5
Venezuela	-	-	81.04	-	81.04	-
<b>Europe Total</b>	-	<b>127.32</b>	-	-	-	-
Germany, Federal Republic of	-	75.05	-	-	-	-
Netherlands	-	366.25	-	-	-	-
Ukraine	-	126.45	-	-	-	-
United Kingdom	-	181.48	-	-	-	-
<b>Asia Total</b>	<b>50.53</b>	<b>67.56</b>	<b>52.81</b>	<b>50.53</b>	<b>52.81</b>	<b>-4.3</b>
China	70.24	295.39	174.44	70.24	174.44	-59.7
India	-	-	463.34	-	463.34	-
Indonesia	50.45	62.57	52.33	50.45	52.33	-3.6
<b>Australia and Oceania Total</b>	<b>49.49</b>	-	<b>423.06</b>	<b>49.49</b>	<b>423.06</b>	<b>-88.3</b>
Australia	49.49	-	423.06	49.49	423.06	-88.3
<b>Africa Total</b>	-	<b>85.96</b>	-	-	-	-
South Africa	-	85.96	-	-	-	-
<b>U.S. Total*</b>	<b>63.97</b>	<b>70.48</b>	<b>69.95</b>	<b>63.97</b>	<b>69.95</b>	<b>-8.5</b>

\* U.S. Total is the average price of all coal imports.

- = No data reported.

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

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

**Table 20. Coal Imports by Customs District**

(short tons)

Customs District	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Eastern Total</b>	<b>312,200</b>	<b>225,584</b>	<b>520,059</b>	<b>312,200</b>	<b>520,059</b>	<b>-40.0</b>
Baltimore, MD	-	10,410	-	-	-	-
Boston, MA	278,171	102,581	396,373	278,171	396,373	-29.8
Buffalo, NY	71	-	9	71	9	NM
New York City, NY	773	44	443	773	443	74.5
Portland, ME	-	85,166	93,061	-	93,061	-
Providence, RI	33,185	27,383	30,173	33,185	30,173	10.0
<b>Southern Total</b>	<b>1,970,609</b>	<b>2,020,194</b>	<b>2,079,020</b>	<b>1,970,609</b>	<b>2,079,020</b>	<b>-5.2</b>
Charleston, SC	54,020	142	-	54,020	-	-
Houston-Galveston, TX	86	100	317	86	317	-72.9
Laredo, TX	728	16	67	728	67	NM
Miami, FL	22	34,286	35,741	22	35,741	-99.9
Mobile, AL	688,867	846,591	782,088	688,867	782,088	-11.9
New Orleans, LA	42	36,406	30,306	42	30,306	-99.9
San Juan, PR	534,052	298,626	504,276	534,052	504,276	5.9
Savannah, GA	-	-	87,105	-	87,105	-
Tampa, FL	692,792	804,027	639,120	692,792	639,120	8.4
<b>Western Total</b>	<b>318,159</b>	<b>244,785</b>	<b>262,533</b>	<b>318,159</b>	<b>262,533</b>	<b>21.2</b>
Great Falls, MT	68,303	48,999	6,458	68,303	6,458	NM
Honolulu, HI	234,342	179,816	238,083	234,342	238,083	-1.6
Los Angeles, CA	-	61	-	-	-	-
Seattle, WA	15,514	15,909	17,992	15,514	17,992	-13.8
<b>Northern Total</b>	<b>96,576</b>	<b>214,159</b>	<b>147,194</b>	<b>96,576</b>	<b>147,194</b>	<b>-34.4</b>
Chicago, IL	-	59,326	22	-	22	-
Detroit, MI	222	76,671	160	222	160	38.8
Pembina, ND	96,354	78,162	147,012	96,354	147,012	-34.5
<b>Total</b>	<b>2,697,544</b>	<b>2,704,722</b>	<b>3,008,806</b>	<b>2,697,544</b>	<b>3,008,806</b>	<b>-10.3</b>

- = No data reported.

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

Note: Coal imports include coal to Puerto Rico and the Virgin Islands. Total may not equal sum of components because of independent rounding.

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

**Table 21. U.S. Coke Imports**

(short tons)

Continent and Country of Origin	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>2,763</b>	<b>52,115</b>	<b>2,035</b>	<b>2,763</b>	<b>2,035</b>	<b>35.8</b>
Canada	2,763	52,115	2,035	2,763	2,035	35.8
<b>Europe Total</b>	<b>1,056</b>	<b>1,156</b>	<b>14</b>	<b>1,056</b>	<b>14</b>	<b>NM</b>
Austria	-	3	-	-	-	-
France	-	23	-	-	-	-
Germany, Federal Republic of	-	-	11	-	11	-
Italy	1,043	976	-	1,043	-	-
Spain	-	141	-	-	-	-
United Kingdom	13	13	3	13	3	333.3
<b>Asia Total</b>	<b>457</b>	<b>326</b>	<b>954</b>	<b>457</b>	<b>954</b>	<b>-52.1</b>
China	243	-	-	243	-	-
Indonesia	62	22	50	62	50	24.0
Japan	152	304	904	152	904	-83.2
<b>U.S. Total</b>	<b>4,276</b>	<b>53,597</b>	<b>3,003</b>	<b>4,276</b>	<b>3,003</b>	<b>42.4</b>

- = No data 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: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.'



**Table 22. Average Price of U.S. Coke Imports**

(dollars per short ton)

Continent and Country of Origin	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North America Total</b>	<b>181.85</b>	<b>113.11</b>	<b>213.82</b>	<b>181.85</b>	<b>213.82</b>	<b>-15.0</b>
Canada	181.85	113.11	213.82	181.85	213.82	-15.0
<b>Europe Total</b>	<b>270.94</b>	<b>416.80</b>	<b>770.50</b>	<b>270.94</b>	<b>770.50</b>	<b>-64.8</b>
Austria	-	1,788.00	-	-	-	-
France	-	1,110.35	-	-	-	-
Germany, Federal Republic of	-	-	206.27	-	206.27	-
Italy	265.37	300.11	-	265.37	-	-
Spain	-	929.57	-	-	-	-
United Kingdom	717.69	2,073.08	2,839.33	717.69	2,839.33	-74.7
<b>Asia Total</b>	<b>252.98</b>	<b>357.17</b>	<b>350.54</b>	<b>252.98</b>	<b>350.54</b>	<b>-27.8</b>
China	29.24	-	-	29.24	-	-
Indonesia	971.92	899.50	944.26	971.92	944.26	2.9
Japan	317.40	317.92	317.70	317.40	317.70	-0.1
<b>U.S. Total</b>	<b>211.45</b>	<b>121.14</b>	<b>259.85</b>	<b>211.45</b>	<b>259.85</b>	<b>-18.6</b>

- = No data reported.

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

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

## Receipts and Prices

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**Table 23. Coal Receipts at Coke Plants by Census Division**

(thousand short tons)

Census Division	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,042	818	1,718	1,042	1,718	-39.4
East North Central	2,043	2,398	2,201	2,043	2,201	-7.2
South Atlantic	422	381	422	422	422	s
East South Central	317	276	314	317	314	0.9
<b>U.S. Total</b>	<b>3,823</b>	<b>3,873</b>	<b>4,655</b>	<b>3,823</b>	<b>4,655</b>	<b>-17.9</b>

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 24. Average Price of Coal Receipts at Coke Plants by Census Division**

(dollars per short ton)

Census Division	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	w	w	w	w	w	w
East North Central	115.25	122.09	134.41	115.25	134.41	-14.3
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
<b>U.S. Total</b>	<b>108.82</b>	<b>118.37</b>	<b>121.92</b>	<b>108.82</b>	<b>121.92</b>	<b>-10.7</b>

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 25. Open Market Sales and Average Price of Coke and Breeze**

(thousand short tons and dollars per short ton)

Commodity	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Coke</b>						
Sales	1,338	1,672	1,856	1,338	1,856	-27.9
Average Price	308.48	289.88	298.54	308.48	298.54	3.3
<b>Breeze</b>						
Sales	69	125	135	69	135	-48.6
Average Price	80.34	99.73	63.26	80.34	63.26	27.0

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 26. Coal Receipts at Other Industrial Plants by Census Division and State**

(thousand short tons)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>New England</b>	<b>5</b>	<b>5</b>	<b>35</b>	<b>5</b>	<b>35</b>	<b>-86.3</b>
Maine	4	4	18	4	18	-77.9
Massachusetts	1	1	16	1	16	-95.5
<b>Middle Atlantic</b>	<b>443</b>	<b>547</b>	<b>484</b>	<b>443</b>	<b>484</b>	<b>-8.6</b>
New York	111	152	110	111	110	1.3
Pennsylvania	332	395	374	332	374	-11.4
<b>East North Central</b>	<b>1,569</b>	<b>1,823</b>	<b>1,878</b>	<b>1,569</b>	<b>1,878</b>	<b>-16.4</b>
Illinois	640	682	807	640	807	-20.7
Indiana	383	436	320	383	320	19.6
Michigan	141	192	192	141	192	-26.2
Ohio	218	247	282	218	282	-22.8
Wisconsin	187	266	277	187	277	-32.4
<b>West North Central</b>	<b>3,150</b>	<b>3,201</b>	<b>3,384</b>	<b>3,150</b>	<b>3,384</b>	<b>-6.9</b>
Iowa	571	588	735	571	735	-22.3
Kansas	24	20	40	24	40	-38.7
Minnesota	390	206	205	390	205	90.2
Missouri	160	213	255	160	255	-37.3
Nebraska	273	296	305	273	305	-10.7
North Dakota	1,686	1,829	1,749	1,686	1,749	-3.6
South Dakota	46	49	95	46	95	-51.7
<b>South Atlantic</b>	<b>954</b>	<b>1,036</b>	<b>1,175</b>	<b>954</b>	<b>1,175</b>	<b>-18.8</b>
Delaware	28	-	-	28	-	-
Florida	140	131	148	140	148	-5.0
Georgia	100	105	144	100	144	-30.4
Maryland	114	176	156	114	156	-26.6
North Carolina	141	134	156	141	156	-9.2
South Carolina	103	92	118	103	118	-12.4
Virginia	174	193	220	174	220	-20.7
West Virginia	152	205	235	152	235	-35.0
<b>East South Central</b>	<b>1,055</b>	<b>1,071</b>	<b>1,187</b>	<b>1,055</b>	<b>1,187</b>	<b>-11.2</b>
Alabama	347	267	338	347	338	2.6
Kentucky	174	254	260	174	260	-33.0
Mississippi	1	30	33	1	33	-98.2
Tennessee	534	520	557	534	557	-4.1
<b>West South Central</b>	<b>398</b>	<b>565</b>	<b>499</b>	<b>398</b>	<b>499</b>	<b>-20.2</b>
Arkansas	53	56	51	53	51	4.9
Louisiana	69	57	44	69	44	56.2
Oklahoma	116	181	155	116	155	-24.8
Texas	160	270	250	160	250	-35.9
<b>Mountain</b>	<b>761</b>	<b>872</b>	<b>939</b>	<b>761</b>	<b>939</b>	<b>-19.0</b>
Arizona	34	73	42	34	42	-19.0
Colorado	62	111	82	62	82	-25.2
Idaho	18	36	47	18	47	-61.0
Montana	77	111	78	77	78	-1.5
Nevada	55	72	80	55	80	-31.4
New Mexico	15	19	11	15	11	34.3
Utah	97	98	189	97	189	-48.4
Wyoming	403	353	410	403	410	-1.8
<b>Pacific</b>	<b>338</b>	<b>449</b>	<b>392</b>	<b>338</b>	<b>392</b>	<b>-13.8</b>
Alaska	s	s	s	s	s	s
California	293	382	345	293	345	-14.9
Hawaii	-	25	-	-	-	-
Oregon	16	17	24	16	24	-32.0
Washington	28	25	23	28	23	21.9
<b>U.S. Total</b>	<b>8,672</b>	<b>9,570</b>	<b>9,973</b>	<b>8,672</b>	<b>9,973</b>	<b>-13.0</b>

-- No data reported.

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.'

**Table 27. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State**

(dollars per short ton)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>New England</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
<b>Middle Atlantic</b>	<b>79.44</b>	<b>86.88</b>	<b>86.98</b>	<b>79.44</b>	<b>86.98</b>	<b>-8.7</b>
New York	94.59	104.74	107.17	94.59	107.17	-11.7
Pennsylvania	74.32	79.95	81.02	74.32	81.02	-8.3
<b>East North Central</b>	<b>67.27</b>	<b>71.70</b>	<b>69.34</b>	<b>67.27</b>	<b>69.34</b>	<b>-3.0</b>
Illinois	46.10	46.53	44.35	46.10	44.35	3.9
Indiana	81.81	84.29	86.22	81.81	86.22	-5.1
Michigan	84.84	87.45	88.65	84.84	88.65	-4.3
Ohio	78.18	91.47	88.47	78.18	88.47	-11.6
Wisconsin	83.98	85.88	89.85	83.98	89.85	-6.5
<b>West North Central</b>	<b>35.58</b>	<b>34.58</b>	<b>38.03</b>	<b>35.58</b>	<b>38.03</b>	<b>-6.4</b>
Iowa	41.63	45.16	49.47	41.63	49.47	-15.8
Kansas	w	w	w	w	w	w
Minnesota	51.05	54.80	55.73	51.05	55.73	-8.4
Missouri	60.98	64.03	62.71	60.98	62.71	-2.8
Nebraska	w	29.05	30.48	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
<b>South Atlantic</b>	<b>91.00</b>	<b>91.56</b>	<b>94.01</b>	<b>91.00</b>	<b>94.01</b>	<b>-3.2</b>
Delaware	w	-	-	w	-	-
Florida	92.21	w	w	w	w	w
Georgia	98.70	98.69	107.72	98.70	107.72	-8.4
Maryland	w	w	w	w	w	w
North Carolina	101.20	102.67	103.24	101.20	103.24	-2.0
South Carolina	98.50	101.73	99.91	98.50	99.91	-1.4
Virginia	84.23	91.43	92.92	84.23	92.92	-9.4
West Virginia	106.13	98.75	97.68	106.13	97.68	8.7
<b>East South Central</b>	<b>91.22</b>	<b>97.50</b>	<b>98.79</b>	<b>91.22</b>	<b>98.79</b>	<b>-7.7</b>
Alabama	92.48	w	w	w	w	w
Kentucky	101.89	92.10	98.00	101.89	98.00	4.0
Mississippi	-	w	w	w	w	-
Tennessee	86.94	96.05	96.35	86.94	96.35	-9.8
<b>West South Central</b>	<b>67.32</b>	<b>72.37</b>	<b>78.42</b>	<b>67.32</b>	<b>78.42</b>	<b>-14.2</b>
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	86.21	88.02	86.35	86.21	86.35	-0.2
<b>Mountain</b>	<b>49.81</b>	<b>52.46</b>	<b>54.27</b>	<b>49.81</b>	<b>54.27</b>	<b>-8.2</b>
Arizona	w	w	w	w	w	w
Colorado	57.73	55.83	63.60	57.73	63.60	-9.2
Idaho	w	w	71.85	w	w	w
Montana	37.74	32.88	38.12	37.74	38.12	-1.0
Nevada	69.74	72.75	71.78	69.74	71.78	-2.8
New Mexico	w	w	w	w	w	w
Utah	51.63	50.89	54.54	51.63	54.54	-5.3
Wyoming	41.81	41.84	45.30	41.81	45.30	-7.7
<b>Pacific</b>	<b>81.31</b>	<b>85.75</b>	<b>82.57</b>	<b>81.31</b>	<b>82.57</b>	<b>-1.5</b>
California	81.96	81.96	83.53	81.96	83.53	-1.9
Hawaii	-	w	-	w	-	-
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
<b>U.S. Total</b>	<b>60.90</b>	<b>64.12</b>	<b>65.73</b>	<b>60.90</b>	<b>65.73</b>	<b>-7.3</b>

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

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

(thousand short tons)

NAICS Code		January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	2,155	2,109	2,345	2,155	2,345	-8.1
312	Beverage and Tobacco Product Mfg.	13	16	16	13	16	-22.6
313	Textile Mills	38	30	34	38	34	9.8
322	Paper Manufacturing	1,094	1,169	1,323	1,094	1,323	-17.2
324	Petroleum and Coal Products*	1,642	1,746	1,687	1,642	1,687	-2.7
325	Chemical Manufacturing	1,412	1,450	1,673	1,412	1,673	-15.6
327	Nonmetallic Mineral Products Mfg.	1,652	2,519	2,278	1,652	2,278	-27.5
331	Primary Metal Manufacturing**	407	330	335	407	335	21.5
333	Machinery Manufacturing	54	4	39	54	39	39.1
336	Transportation Equipment Mfg.	-	5	14	-	14	-
337	Furniture and Related Product Mfg.	-	-	4	-	4	-
339	Miscellaneous Manufacturing	205	194	225	205	225	-9.0
<b>U.S. Total</b>		<b>8,672</b>	<b>9,570</b>	<b>9,973</b>	<b>8,672</b>	<b>9,973</b>	<b>-13.0</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

**Table 29. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code**

(dollars per short ton)

NAICS Code		January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	45.96	47.74	48.16	45.96	48.16	-4.6
312	Beverage and Tobacco Product Mfg.	107.96	101.59	103.55	107.96	103.55	4.3
313	Textile Mills	104.17	110.67	113.30	104.17	113.30	-8.1
322	Paper Manufacturing	78.40	79.30	85.06	78.40	85.06	-7.8
324	Petroleum and Coal Products*	w	w	w	w	w	w
325	Chemical Manufacturing	73.42	76.08	77.11	73.42	77.11	-4.8
327	Nonmetallic Mineral Products Mfg.	76.47	79.98	78.66	76.47	78.66	-2.8
331	Primary Metal Manufacturing**	109.83	131.90	138.48	109.83	138.48	-20.7
333	Machinery Manufacturing	w	w	w	w	w	w
336	Transportation Equipment Mfg.	-	w	w	w	w	-
337	Furniture and Related Product Mfg.	-	-	w	-	w	-
339	Miscellaneous Manufacturing	75.94	76.04	74.97	75.94	74.97	1.3
<b>U.S. Total</b>		<b>60.90</b>	<b>64.12</b>	<b>65.73</b>	<b>60.90</b>	<b>65.73</b>	<b>-7.3</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

**Table 30. Coal Receipts at Commercial and Institutional Users by Census Division and State**

(thousand short tons)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Middle Atlantic</b>	<b>23</b>	<b>20</b>	<b>43</b>	<b>23</b>	<b>43</b>	<b>-46.1</b>
Pennsylvania	23	20	43	23	43	-46.1
<b>East North Central</b>	<b>85</b>	<b>58</b>	<b>107</b>	<b>85</b>	<b>107</b>	<b>-20.8</b>
Illinois	34	23	32	34	32	4.3
Indiana	15	14	16	15	16	-3.6
Michigan	-	-	3	-	3	-
Ohio	21	17	40	21	40	-48.1
Wisconsin	15	4	16	15	16	-5.0
<b>West North Central</b>	<b>92</b>	<b>85</b>	<b>123</b>	<b>92</b>	<b>123</b>	<b>-25.1</b>
Iowa	41	36	51	41	51	-19.2
Minnesota	7	3	7	7	7	-4.5
Missouri	19	22	27	19	27	-31.3
North Dakota	25	25	38	25	38	-32.8
<b>South Atlantic</b>	<b>43</b>	<b>53</b>	<b>59</b>	<b>43</b>	<b>59</b>	<b>-26.2</b>
District of Columbia	-	2	-	-	-	-
North Carolina	34	35	50	34	50	-30.9
Virginia	9	16	9	9	9	0.6
<b>East South Central</b>	<b>6</b>	<b>3</b>	<b>10</b>	<b>6</b>	<b>10</b>	<b>-34.5</b>
Kentucky	6	3	6	6	6	6.4
Tennessee	-	-	4	-	4	-
<b>West South Central</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>-</b>
Texas	-	-	4	-	4	-
<b>Mountain</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>-58.5</b>
Colorado	-	s	2	-	2	-
Montana	-	1	-	-	-	-
Wyoming	2	1	4	2	4	-35.3
<b>Pacific</b>	<b>140</b>	<b>135</b>	<b>159</b>	<b>140</b>	<b>159</b>	<b>-12.2</b>
Alaska	140	135	159	140	159	-12.2
<b>U.S. Total</b>	<b>392</b>	<b>356</b>	<b>511</b>	<b>392</b>	<b>511</b>	<b>-23.3</b>

- = No data reported.

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'



**Table 31. Average Price of Coal Receipts at Commercial and Institutional Users by Census Division and State**

(dollars per short ton)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Middle Atlantic</b>	<b>117.38</b>	<b>119.37</b>	<b>114.27</b>	<b>117.38</b>	<b>114.27</b>	<b>2.7</b>
Pennsylvania	117.38	119.37	114.27	117.38	114.27	2.7
<b>East North Central</b>	<b>91.01</b>	<b>84.30</b>	<b>90.65</b>	<b>91.01</b>	<b>90.65</b>	<b>0.4</b>
Illinois	56.69	56.52	59.36	56.69	59.36	-4.5
Indiana	w	w	w	w	w	w
Michigan	-	-	w	-	w	-
Ohio	w	w	111.60	w	w	w
Wisconsin	154.34	154.87	121.21	154.34	121.21	27.3
<b>West North Central</b>	<b>72.68</b>	<b>72.04</b>	<b>74.94</b>	<b>72.68</b>	<b>74.94</b>	<b>-3.0</b>
Iowa	w	w	w	w	w	w
Minnesota	w	w	w	w	w	w
Missouri	w	w	w	w	w	w
North Dakota	w	w	54.94	w	w	w
<b>South Atlantic</b>	<b>98.42</b>	<b>100.30</b>	<b>115.18</b>	<b>98.42</b>	<b>115.18</b>	<b>-14.6</b>
District of Columbia	-	w	-	w	-	-
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
<b>East South Central</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Kentucky	w	w	w	w	w	w
Tennessee	-	-	w	-	w	-
<b>West South Central</b>	<b>-</b>	<b>-</b>	<b>w</b>	<b>-</b>	<b>w</b>	<b>-</b>
Texas	-	-	w	-	w	-
<b>Mountain</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Colorado	-	w	w	w	w	-
Montana	-	w	-	w	-	-
Wyoming	w	w	w	w	w	w
<b>Pacific</b>	<b>w</b>	<b>79.02</b>	<b>75.88</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alaska	w	79.02	75.88	w	w	w
<b>U.S. Total</b>	<b>84.80</b>	<b>83.90</b>	<b>88.04</b>	<b>84.80</b>	<b>88.04</b>	<b>-3.7</b>

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

# Consumption

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**Table 32. U.S. Coal Consumption by End-Use Sector, 2010 - 2016**

(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>2010</b>									
January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,939
April - June	229,469	5,353	6,128	5,786	11,914	370	238	608	247,344
July - September	267,943	5,491	6,257	6,027	12,284	426	216	642	286,361
October - December	231,195	5,391	6,057	6,432	12,490	414	379	793	249,870
<b>Total</b>	<b>975,052</b>	<b>21,092</b>	<b>24,638</b>	<b>24,650</b>	<b>49,289</b>	<b>1,720</b>	<b>1,361</b>	<b>3,081</b>	<b>1,048,514</b>
<b>2011</b>									
January - March	235,953	5,188	5,773	6,716	12,489	526	490	1,016	254,647
April - June	224,177	5,392	5,466	5,571	11,036	378	264	643	241,247
July - September	262,618	5,407	5,696	5,473	11,168	396	132	528	279,722
October - December	209,736	5,447	5,384	6,160	11,543	367	239	605	227,332
<b>Total</b>	<b>932,484</b>	<b>21,434</b>	<b>22,319</b>	<b>23,919</b>	<b>46,238</b>	<b>1,668</b>	<b>1,125</b>	<b>2,793</b>	<b>1,002,948</b>
<b>2012</b>									
January - March	190,664	5,283	5,531	5,667	11,198	418	270	688	207,833
April - June	185,721	5,296	4,598	5,528	10,125	319	94	414	201,555
July - September	238,076	5,044	4,950	5,521	10,470	347	46	393	253,984
October - December	209,091	5,128	4,987	6,057	11,044	366	184	550	225,813
<b>Total</b>	<b>823,551</b>	<b>20,751</b>	<b>20,065</b>	<b>22,773</b>	<b>42,838</b>	<b>1,450</b>	<b>595</b>	<b>2,045</b>	<b>889,185</b>
<b>2013</b>									
January - March	211,971	5,280	5,115	5,942	11,057	418	260	679	228,987
April - June	199,845	5,471	4,747	5,554	10,301	307	91	397	216,014
July - September	237,205	5,429	4,830	5,538	10,368	299	57	355	253,357
October - December	208,942	5,294	5,069	6,260	11,329	333	187	520	226,084
<b>Total</b>	<b>857,962</b>	<b>21,474</b>	<b>19,761</b>	<b>23,294</b>	<b>43,055</b>	<b>1,356</b>	<b>595</b>	<b>1,951</b>	<b>924,442</b>
<b>2014</b>									
January - March	231,534	4,886	5,153	6,029	11,181	381	348	729	248,329
April - June	195,922	5,174	4,561	5,853	10,414	232	140	372	211,881
July - September	231,066	5,636	4,683	5,743	10,425	221	105	326	247,453
October - December	193,081	5,601	4,680	6,245	10,925	229	231	460	210,068
<b>Total</b>	<b>851,602</b>	<b>21,297</b>	<b>19,076</b>	<b>23,870</b>	<b>42,946</b>	<b>1,063</b>	<b>824</b>	<b>1,887</b>	<b>917,731</b>
<b>2015</b>									
January - March	196,656	5,156	4,602	5,791	10,393	277	290	567	212,772
April - June	174,376	4,987	4,095	5,216	9,311	166	136	302	188,975
July - September	214,811	5,030	4,316	4,957	9,273	173	105	278	229,393
October - December	152,601	4,535	3,971	5,511	9,482	183	174	357	166,974
<b>Total</b>	<b>738,444</b>	<b>19,708</b>	<b>16,984</b>	<b>21,475</b>	<b>38,459</b>	<b>798</b>	<b>706</b>	<b>1,503</b>	<b>798,115</b>
<b>2016</b>									
January - March	152,245	4,124	4,268	4,866	9,134	228	220	448	165,951
<b>Total</b>	<b>152,245</b>	<b>4,124</b>	<b>4,268</b>	<b>4,866</b>	<b>9,134</b>	<b>228</b>	<b>220</b>	<b>448</b>	<b>165,951</b>
<b>2015 January - March</b>	<b>196,656</b>	<b>5,156</b>	<b>4,602</b>	<b>5,791</b>	<b>10,393</b>	<b>277</b>	<b>290</b>	<b>567</b>	<b>212,772</b>
<b>2014 January - March</b>	<b>231,534</b>	<b>4,886</b>	<b>5,153</b>	<b>6,029</b>	<b>11,181</b>	<b>381</b>	<b>348</b>	<b>729</b>	<b>248,329</b>

1 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.

2 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.

3 All industrial sector fuel use other than in 'Coke Plants' and 'Industrial CHP.'

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

5 All commercial sector fuel use other than that in 'Commercial CHP.' Excludes residential use.

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

Source: U.S. Energy Information Administration (EIA). \*Electric Power Sector and CHP: Form EIA-923, 'Power Plant Operations Report.' \*Coke Plants: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' \*Other Industrial: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data,' Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and Form EIA-923, 'Power Plant Operations Report.' \*Commercial and Institutional: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 33. Coal Carbonized at Coke Plants by Census Division**

(thousand short tons)

Census Division	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,150	1,305	1,586	1,150	1,586	-27.5
East North Central	2,281	2,557	2,780	2,281	2,780	-18.0
South Atlantic	396	414	438	396	438	-9.4
East South Central	296	259	352	296	352	-15.8
<b>U.S. Total</b>	<b>4,124</b>	<b>4,535</b>	<b>5,156</b>	<b>4,124</b>	<b>5,156</b>	<b>-20.0</b>

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 34. Coal Consumption at Other Industrial Plants by Census Division and State**

(thousand short tons)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>New England</b>	<b>5</b>	<b>5</b>	<b>36</b>	<b>5</b>	<b>36</b>	<b>-84.8</b>
Maine	4	4	19	4	19	-77.5
Massachusetts	1	1	17	1	17	-92.7
<b>Middle Atlantic</b>	<b>468</b>	<b>535</b>	<b>499</b>	<b>468</b>	<b>499</b>	<b>-6.3</b>
New York	137	142	137	137	137	0.1
Pennsylvania	330	393	362	330	362	-8.7
<b>East North Central</b>	<b>1,846</b>	<b>1,780</b>	<b>2,133</b>	<b>1,846</b>	<b>2,133</b>	<b>-13.4</b>
Illinois	652	683	826	652	826	-21.0
Indiana	496	372	362	496	362	37.1
Michigan	230	201	275	230	275	-16.3
Ohio	220	245	307	220	307	-28.2
Wisconsin	247	280	363	247	363	-31.9
<b>West North Central</b>	<b>3,197</b>	<b>3,314</b>	<b>3,502</b>	<b>3,197</b>	<b>3,502</b>	<b>-8.7</b>
Iowa	591	597	826	591	826	-28.5
Kansas	20	26	21	20	21	-8.6
Minnesota	393	253	282	393	282	39.5
Missouri	162	219	262	162	262	-38.0
Nebraska	275	312	294	275	294	-6.5
North Dakota	1,706	1,855	1,777	1,706	1,777	-4.0
South Dakota	51	52	40	51	40	26.0
<b>South Atlantic</b>	<b>991</b>	<b>1,008</b>	<b>1,203</b>	<b>991</b>	<b>1,203</b>	<b>-17.6</b>
Delaware	28	-	-	28	-	-
Florida	124	142	143	124	143	-12.8
Georgia	133	94	164	133	164	-19.3
Maryland	118	179	157	118	157	-24.8
North Carolina	142	137	152	142	152	-6.8
South Carolina	97	97	133	97	133	-26.8
Virginia	191	164	233	191	233	-17.8
West Virginia	158	194	221	158	221	-28.4
<b>East South Central</b>	<b>1,022</b>	<b>1,129</b>	<b>1,170</b>	<b>1,022</b>	<b>1,170</b>	<b>-12.7</b>
Alabama	311	314	331	311	331	-6.1
Kentucky	167	254	256	167	256	-34.8
Mississippi	1	29	24	1	24	-97.6
Tennessee	544	531	559	544	559	-2.7
<b>West South Central</b>	<b>444</b>	<b>444</b>	<b>502</b>	<b>444</b>	<b>502</b>	<b>-11.6</b>
Arkansas	55	53	47	55	47	18.4
Louisiana	67	55	47	67	47	42.8
Oklahoma	140	137	154	140	154	-9.4
Texas	182	199	255	182	255	-28.4
<b>Mountain</b>	<b>801</b>	<b>885</b>	<b>992</b>	<b>801</b>	<b>992</b>	<b>-19.3</b>
Arizona	38	63	44	38	44	-14.1
Colorado	71	109	89	71	89	-20.2
Idaho	34	43	116	34	116	-71.0
Montana	91	115	85	91	85	7.0
Nevada	67	72	82	67	82	-18.1
New Mexico	15	20	10	15	10	47.4
Utah	85	107	160	85	160	-46.6
Wyoming	400	355	406	400	406	-1.4
<b>Pacific</b>	<b>361</b>	<b>382</b>	<b>357</b>	<b>361</b>	<b>357</b>	<b>0.9</b>
Alaska	s	s	s	s	s	s
California	332	314	306	332	306	8.5
Hawaii	2	10	19	2	19	-91.4
Oregon	-	32	6	-	6	-
Washington	27	25	26	27	26	1.2
<b>U.S. Total</b>	<b>9,134</b>	<b>9,482</b>	<b>10,393</b>	<b>9,134</b>	<b>10,393</b>	<b>-12.1</b>

-- No data reported.

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.'

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

(thousand short tons)

NAICS Code	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
311 Food Manufacturing	2,234	2,111	2,536	2,234	2,536	-11.9
312 Beverage and Tobacco Product Mfg.	12	14	16	12	16	-25.5
313 Textile Mills	38	28	39	38	39	-3.7
321 Wood Product Manufacturing	-	-	8	-	8	-
322 Paper Manufacturing	1,176	1,134	1,430	1,176	1,430	-17.7
324 Petroleum and Coal Products*	1,629	1,753	1,677	1,629	1,677	-2.9
325 Chemical Manufacturing	1,472	1,402	1,685	1,472	1,685	-12.6
327 Nonmetallic Mineral Products Mfg.	1,902	2,420	2,255	1,902	2,255	-15.6
331 Primary Metal Manufacturing**	448	398	452	448	452	-0.9
332 Fabricated Metal Product Mfg.	3	2	8	3	8	-69.3
333 Machinery Manufacturing	21	36	27	21	27	-23.9
336 Transportation Equipment Mfg.	2	1	17	2	17	-90.4
337 Furniture and Related Product Mfg.	-	3	5	-	5	-
339 Miscellaneous Manufacturing	199	181	238	199	238	-16.5
<b>U.S. Total</b>	<b>9,134</b>	<b>9,482</b>	<b>10,393</b>	<b>9,134</b>	<b>10,393</b>	<b>-12.1</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

**Table 36. Coal Consumption at Commercial and Institutional Users by Census Division and State**

(thousand short tons)

Census Division and State	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Middle Atlantic</b>	<b>24</b>	<b>17</b>	<b>44</b>	<b>24</b>	<b>44</b>	<b>-44.1</b>
Pennsylvania	24	17	44	24	44	-44.1
<b>East North Central</b>	<b>115</b>	<b>51</b>	<b>134</b>	<b>115</b>	<b>134</b>	<b>-14.1</b>
Illinois	31	20	32	31	32	-5.2
Indiana	23	11	20	23	20	11.2
Michigan	14	4	17	14	17	-19.8
Ohio	31	13	46	31	46	-32.5
Wisconsin	16	2	18	16	18	-6.5
<b>West North Central</b>	<b>93</b>	<b>80</b>	<b>114</b>	<b>93</b>	<b>114</b>	<b>-18.5</b>
Iowa	40	38	51	40	51	-20.2
Minnesota	6	2	6	6	6	9.9
Missouri	19	22	28	19	28	-30.9
North Dakota	27	18	30	27	30	-9.7
<b>South Atlantic</b>	<b>65</b>	<b>44</b>	<b>85</b>	<b>65</b>	<b>85</b>	<b>-24.4</b>
District of Columbia	1	s	1	1	1	-18.6
Georgia	-	-	2	-	2	-
Maryland	-	-	1	-	1	-
North Carolina	46	32	56	46	56	-18.5
Virginia	18	12	25	18	25	-29.2
<b>East South Central</b>	<b>8</b>	<b>3</b>	<b>17</b>	<b>8</b>	<b>17</b>	<b>-53.4</b>
Kentucky	8	3	11	8	11	-29.6
Tennessee	-	-	6	-	6	-
<b>West South Central</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>-</b>
Texas	-	1	3	-	3	-
<b>Mountain</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>-53.9</b>
Colorado	s	s	2	s	2	-86.2
Montana	s	2	1	s	1	-48.1
Wyoming	2	1	4	2	4	-35.3
<b>Pacific</b>	<b>140</b>	<b>156</b>	<b>163</b>	<b>140</b>	<b>163</b>	<b>-13.9</b>
Alaska	140	156	163	140	163	-13.9
<b>U.S. Total</b>	<b>448</b>	<b>357</b>	<b>567</b>	<b>448</b>	<b>567</b>	<b>-20.9</b>

- = No data reported.

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

## Stocks

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**Table 37. U.S. Coal Stocks, 2010 - 2016**

(thousand short tons)

Last Day of Quarter	Coal Consumers				Total	Coal Producers and Distributors	Total
	Electric Power Sector <sup>1</sup>	Coke Plants	Other Industrial <sup>2</sup>	Commercial and Institutional Users			
<b>2010</b>							
March 31	177,742	1,583	4,175	471	183,970	50,936	234,906
June 30	181,490	1,978	4,272	505	188,244	51,497	239,741
September 30	163,776	1,889	4,492	517	170,674	49,913	220,587
December 31	174,917	1,925	4,525	552	181,920	49,820	231,740
<b>2011</b>							
March 31	166,255	1,959	3,864	503	172,581	48,165	220,746
June 30	165,149	1,956	4,181	510	171,795	50,507	222,302
September 30	143,711	2,405	4,247	518	150,881	49,909	200,790
December 31	172,387	2,610	4,455	603	180,054	51,897	231,951
<b>2012</b>							
March 31	195,380	2,300	3,929	557	202,166	51,141	253,307
June 30	197,924	2,295	4,219	585	205,023	50,374	255,397
September 30	182,020	2,396	4,518	596	189,530	46,231	235,761
December 31	185,116	2,522	4,475	583	192,696	46,157	238,853
<b>2013</b>							
March 31	171,736	2,207	3,946	530	178,419	48,422	226,841
June 30	171,124	2,500	3,957	529	178,110	50,129	228,239
September 30	152,694	2,546	4,308	530	160,079	47,135	207,214
December 31	147,884	2,200	4,097	495	154,676	45,652	200,328
<b>2014</b>							
March 31	118,260	1,791	3,534	405	123,990	44,728	168,718
June 30	133,479	1,937	3,626	429	139,471	42,682	182,153
September 30	124,546	2,307	4,070	462	131,386	38,828	170,214
December 31	151,548	2,640	4,196	449	158,833	38,894	197,727
<b>2015</b>							
March 31	154,347	2,135	3,639	388	160,509	39,610	200,119
June 30	166,437	2,627	3,864	386	173,314	39,399	212,713
September 30	162,109	3,013	4,271	392	169,784	36,213	205,997
December 31	195,548	2,236	4,382	394	202,560	35,871	238,431
<b>2016</b>							
March 31	192,269	1,914	3,956	332	198,471	35,207*	233,678

1 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).

2 Manufacturing plants only.

\* Estimated.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA). \*Electric Power Sector: Form EIA-923, 'Power Plant Operations Report.' \*Coke Plants: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' \*Other Industrial and Commercial and Institutional Users: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' \*Producers and Distributors: 'Short Term Energy Outlook' estimates, Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and Form EIA-8A, 'Annual Survey of Coal Stocks and Coal Exports.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 38. Coal Stocks at Coke Plants by Census Division**

(thousand short tons)

<b>Census Division</b>	<b>March 31, 2016</b>	<b>December 31, 2015</b>	<b>March 31, 2015</b>	<b>Percent Change (March 31) 2016 versus 2015</b>
Middle Atlantic	696	797	823	-15.4
East North Central	904	1,172	1,060	-14.7
South Atlantic	96	70	81	17.4
East South Central	218	197	171	27.5
<b>U.S. Total</b>	<b>1,914</b>	<b>2,236</b>	<b>2,135</b>	<b>-10.3</b>

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 39. Coal Stocks at Other Industrial Plants by Census Division and State**

(thousand short tons)

Census Division and State	March 31, 2016	December 31, 2015	March 31, 2015	Percent Change (March 31) 2016 versus 2015
<b>New England</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>-35.1</b>
Maine	1	1	1	62.1
Massachusetts	4	5	7	-42.3
<b>Middle Atlantic</b>	<b>317</b>	<b>342</b>	<b>283</b>	<b>12.2</b>
New York	113	139	79	43.4
Pennsylvania	204	203	204	0.1
<b>East North Central</b>	<b>705</b>	<b>937</b>	<b>683</b>	<b>3.2</b>
Illinois	122	135	126	-3.0
Indiana	190	255	132	44.0
Michigan	262	352	232	12.8
Ohio	34	37	45	-24.6
Wisconsin	97	158	148	-34.5
<b>West North Central</b>	<b>875</b>	<b>925</b>	<b>826</b>	<b>5.8</b>
Iowa	169	189	195	-13.3
Kansas	42	37	47	-10.7
Minnesota	280	283	202	38.7
Missouri	64	71	87	-26.0
Nebraska	102	104	91	11.5
North Dakota	157	176	133	18.2
South Dakota	60	65	71	-15.8
<b>South Atlantic</b>	<b>482</b>	<b>525</b>	<b>487</b>	<b>-1.0</b>
Delaware	4	-	-	-
Florida	61	46	79	-23.2
Georgia	114	138	115	-1.2
Maryland	13	17	14	-4.8
North Carolina	28	29	26	8.2
South Carolina	109	108	90	21.1
Virginia	61	78	52	16.9
West Virginia	92	109	110	-16.5
<b>East South Central</b>	<b>279</b>	<b>251</b>	<b>306</b>	<b>-8.8</b>
Alabama	120	84	118	2.1
Kentucky	39	34	41	-6.2
Mississippi	-	4	11	-100.0
Tennessee	120	130	136	-11.6
<b>West South Central</b>	<b>548</b>	<b>600</b>	<b>453</b>	<b>21.0</b>
Arkansas	41	43	38	6.7
Louisiana	10	8	7	44.9
Oklahoma	185	208	145	27.9
Texas	312	341	263	18.6
<b>Mountain</b>	<b>533</b>	<b>555</b>	<b>361</b>	<b>47.5</b>
Arizona	37	41	44	-15.8
Colorado	47	56	28	66.9
Idaho	262	275	74	255.0
Montana	23	37	28	-17.8
Nevada	23	35	32	-29.4
New Mexico	2	1	5	-60.3
Utah	51	40	80	-35.5
Wyoming	87	70	71	23.3
<b>Pacific</b>	<b>211</b>	<b>240</b>	<b>232</b>	<b>-8.8</b>
California	168	213	179	-6.0
Hawaii	16	18	25	-33.6
Oregon	20	3	23	-15.3
Washington	7	6	5	43.3
<b>U.S. Total</b>	<b>3,956</b>	<b>4,382</b>	<b>3,639</b>	<b>8.7</b>

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

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

(thousand short tons)

NAICS Code	March 31, 2016	December 31, 2015	March 31, 2015	Percent Change (March 31) 2016 versus 2015
311 Food Manufacturing	745	823	561	32.7
312 Beverage and Tobacco Product Mfg.	3	2	1	111.0
313 Textile Mills	16	16	14	13.4
321 Wood Product Manufacturing	-	-	10	-100.0
322 Paper Manufacturing	502	580	511	-1.9
324 Petroleum and Coal Products*	180	167	175	3.0
325 Chemical Manufacturing	474	536	541	-12.3
327 Nonmetallic Mineral Products Mfg.	1,500	1,763	1,384	8.4
331 Primary Metal Manufacturing**	408	402	347	17.8
332 Fabricated Metal Product Mfg.	2	4	5	-65.4
333 Machinery Manufacturing	49	16	23	110.5
336 Transportation Equipment Mfg.	6	8	12	-48.6
337 Furniture and Related Product Mfg.	-	-	2	-100.0
339 Miscellaneous Manufacturing	71	65	53	33.5
<b>U.S. Total</b>	<b>3,956</b>	<b>4,382</b>	<b>3,639</b>	<b>8.7</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

**Table 41. Coke and Breeze Stocks at Coke Plants by Census Division**

(thousand short tons)

Census Division	March 31, 2016	December 31, 2015	March 31, 2015	Percent Change (March 31) 2016 versus 2015
Middle Atlantic	180	270	263	-31.5
East North Central	524	404	715	-26.8
South Atlantic	65	63	108	-39.5
East South Central	235	104	161	45.5
<b>U.S. Total</b>	<b>1,004</b>	<b>841</b>	<b>1,248</b>	<b>-19.5</b>
<b>Coke Total</b>	<b>831</b>	<b>707</b>	<b>1,044</b>	<b>-20.4</b>
<b>Breeze Total</b>	<b>173</b>	<b>134</b>	<b>204</b>	<b>-15.2</b>

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

**Table 42. Coal Stocks at Commercial and Institutional Users by Census Division and State**

(thousand short tons)

Census Division and State	March 31, 2016	December 31, 2015	March 31, 2015	Percent Change (March 31) 2016 versus 2015
<b>Middle Atlantic</b>	<b>46</b>	<b>50</b>	<b>45</b>	<b>2.4</b>
Pennsylvania	46	50	45	2.4
<b>East North Central</b>	<b>62</b>	<b>93</b>	<b>100</b>	<b>-38.5</b>
Illinois	18	17	25	-27.5
Indiana	34	41	44	-23.6
Michigan	s	14	20	-98.2
Ohio	8	18	11	-29.6
Wisconsin	2	3	1	205.8
<b>West North Central</b>	<b>65</b>	<b>66</b>	<b>75</b>	<b>-13.3</b>
Iowa	38	37	42	-10.3
Minnesota	13	12	12	6.5
Missouri	2	2	3	-37.5
North Dakota	13	15	18	-30.3
<b>South Atlantic</b>	<b>53</b>	<b>72</b>	<b>50</b>	<b>6.4</b>
District of Columbia	2	3	2	0.6
Maryland	-	-	14	-100.0
North Carolina	33	42	20	66.4
South Carolina	s	s	s	s
Virginia	18	27	14	27.4
<b>East South Central</b>	<b>9</b>	<b>11</b>	<b>8</b>	<b>16.0</b>
Kentucky	9	11	8	16.5
Tennessee	s	s	s	s
<b>West South Central</b>	<b>s</b>	<b>2</b>	<b>2</b>	<b>-81.5</b>
Texas	s	2	2	-81.5
<b>Mountain</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>-38.6</b>
Colorado	s	1	s	-44.9
Montana	3	3	4	-38.9
Wyoming	s	s	s	s
<b>Pacific</b>	<b>94</b>	<b>96</b>	<b>103</b>	<b>-8.8</b>
Alaska	94	96	103	-8.8
<b>U.S. Total</b>	<b>332</b>	<b>394</b>	<b>388</b>	<b>-14.3</b>

-- No data reported.

s = Absolute percentage less than 0.05 or value is less than 0.5 of the table metric.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'

## Quality

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

Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>New England</b>						
Btu	12,591	12,628	12,960	12,591	12,960	-2.8
Sulfur	0.84	0.84	0.76	0.84	0.76	10.7
Ash	8.42	8.15	7.47	8.42	7.47	12.6
<b>Maine</b>						
Btu	12,619	12,592	12,465	12,619	12,465	1.2
Sulfur	0.79	0.73	0.72	0.79	0.72	9.7
Ash	8.31	8.05	8.20	8.31	8.20	1.3
<b>Massachusetts</b>						
Btu	12,436	12,784	13,509	12,436	13,509	-7.9
Sulfur	1.10	1.31	0.80	1.10	0.80	37.9
Ash	8.99	8.60	6.67	8.99	6.67	34.9
<b>Middle Atlantic</b>						
Btu	13,803	13,597	13,708	13,803	13,708	0.7
Sulfur	1.16	1.19	1.09	1.16	1.09	6.1
Ash	7.96	8.95	8.33	7.96	8.33	-4.5
<b>New York</b>						
Btu	13,502	13,530	13,279	13,502	13,279	1.7
Sulfur	1.60	1.67	1.27	1.60	1.27	25.5
Ash	7.22	7.59	8.36	7.22	8.36	-13.7
<b>Pennsylvania</b>						
Btu	13,834	13,608	13,738	13,834	13,738	0.7
Sulfur	1.12	1.11	1.08	1.12	1.08	3.2
Ash	8.04	9.16	8.33	8.04	8.33	-3.5
<b>East North Central</b>						
Btu	13,128	13,190	12,931	13,128	12,931	1.5
Sulfur	1.32	1.31	1.36	1.32	1.36	-3.1
Ash	7.23	7.42	7.36	7.23	7.36	-1.8
<b>Illinois</b>						
Btu	11,566	11,684	11,385	11,566	11,385	1.6
Sulfur	2.37	2.39	2.17	2.37	2.17	9.3
Ash	7.94	7.73	7.57	7.94	7.57	4.9
<b>Indiana</b>						
Btu	14,021	13,965	13,921	14,021	13,921	0.7
Sulfur	0.93	0.94	0.94	0.93	0.94	-1.2
Ash	6.93	7.21	7.27	6.93	7.27	-4.8
<b>Michigan</b>						
Btu	12,105	13,048	11,993	12,105	11,993	0.9
Sulfur	0.64	0.88	0.84	0.64	0.84	-24.5
Ash	5.84	7.18	7.17	5.84	7.17	-18.6
<b>Ohio</b>						
Btu	13,872	13,968	13,911	13,872	13,911	-0.3
Sulfur	1.15	1.12	1.21	1.15	1.21	-4.8
Ash	7.41	7.66	7.42	7.41	7.42	-0.1
<b>Wisconsin</b>						
Btu	10,354	11,047	10,902	10,354	10,902	-5.0
Sulfur	0.90	1.22	1.38	0.90	1.38	-35.0
Ash	6.33	6.87	6.95	6.33	6.95	-8.9
<b>West North Central</b>						
Btu	8,205	8,215	8,273	8,205	8,273	-0.8
Sulfur	0.85	0.87	0.92	0.85	0.92	-7.0
Ash	6.09	6.26	6.26	6.09	6.26	-2.6
<b>Iowa</b>						
Btu	9,086	9,163	9,074	9,086	9,074	0.1
Sulfur	0.80	0.81	0.77	0.80	0.77	3.9
Ash	5.17	5.27	5.09	5.17	5.09	1.5
<b>Kansas</b>						
Btu	10,760	11,605	11,848	10,760	11,848	-9.2
Sulfur	2.12	2.85	1.55	2.12	1.55	36.7
Ash	12.98	13.23	9.45	12.98	9.45	37.4

Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Minnesota</b>						
Btu	9,322	9,322	9,307	9,322	9,307	0.2
Sulfur	0.36	0.35	0.35	0.36	0.35	3.5
Ash	4.20	4.29	4.22	4.20	4.22	-0.5
<b>Missouri</b>						
Btu	11,249	11,058	11,154	11,249	11,154	0.9
Sulfur	2.03	2.12	2.20	2.03	2.20	-7.9
Ash	8.73	8.83	8.96	8.73	8.96	-2.6
<b>Nebraska</b>						
Btu	8,808	8,906	8,804	8,808	8,804	s
Sulfur	0.22	0.23	0.24	0.22	0.24	-6.6
Ash	4.57	4.66	4.70	4.57	4.70	-2.8
<b>North Dakota</b>						
Btu	7,224	7,265	7,224	7,224	7,224	s
Sulfur	0.97	0.90	0.99	0.97	0.99	-2.2
Ash	6.74	6.69	6.82	6.74	6.82	-1.2
<b>South Dakota</b>						
Btu	8,223	9,793	8,220	8,223	8,220	s
Sulfur	0.57	0.48	0.48	0.57	0.48	20.0
Ash	6.29	5.69	5.77	6.29	5.77	8.9
<b>South Atlantic</b>						
Btu	13,316	13,170	13,164	13,316	13,164	1.2
Sulfur	1.16	1.17	1.12	1.16	1.12	3.5
Ash	8.70	9.67	9.24	8.70	9.24	-5.9
<b>Delaware</b>						
Btu	11,560	-	-	11,560	-	-
Sulfur	2.32	-	-	2.32	-	-
Ash	7.72	-	-	7.72	-	-
<b>Florida</b>						
Btu	12,997	12,956	12,926	12,997	12,926	0.6
Sulfur	1.14	1.00	0.88	1.14	0.88	30.5
Ash	6.72	6.62	7.60	6.72	7.60	-11.7
<b>Georgia</b>						
Btu	13,036	13,230	13,097	13,036	13,097	-0.5
Sulfur	1.00	1.17	1.12	1.00	1.12	-10.6
Ash	8.10	10.63	7.97	8.10	7.97	1.6
<b>Maryland</b>						
Btu	10,881	11,058	11,222	10,881	11,222	-3.0
Sulfur	1.91	1.77	2.05	1.91	2.05	-6.8
Ash	23.32	22.96	22.49	23.32	22.49	3.7
<b>North Carolina</b>						
Btu	13,032	13,054	12,876	13,032	12,876	1.2
Sulfur	0.94	0.94	0.93	0.94	0.93	1.5
Ash	6.93	6.50	6.74	6.93	6.74	2.8
<b>South Carolina</b>						
Btu	13,176	13,086	12,862	13,176	12,862	2.4
Sulfur	0.74	0.85	0.84	0.74	0.84	-11.8
Ash	7.45	7.14	6.54	7.45	6.54	14.0
<b>Virginia</b>						
Btu	14,033	13,924	13,855	14,033	13,855	1.3
Sulfur	1.09	1.11	1.10	1.09	1.10	-0.5
Ash	7.12	7.37	7.52	7.12	7.52	-5.4
<b>West Virginia</b>						
Btu	13,793	13,416	13,431	13,793	13,431	2.7
Sulfur	1.16	1.16	1.02	1.16	1.02	12.9
Ash	7.87	8.56	8.90	7.87	8.90	-11.6
<b>East South Central</b>						
Btu	13,450	13,453	13,235	13,450	13,235	1.6
Sulfur	1.09	1.14	1.20	1.09	1.20	-9.6
Ash	7.21	7.21	7.62	7.21	7.62	-5.4
<b>Alabama</b>						
Btu	13,645	13,807	13,533	13,645	13,533	0.8
Sulfur	0.93	0.93	1.12	0.93	1.12	-17.4
Ash	7.44	7.39	7.88	7.44	7.88	-5.7



Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Kentucky</b>						
Btu	13,720	13,468	13,246	13,720	13,246	3.6
Sulfur	0.98	1.01	1.02	0.98	1.02	-4.6
Ash	6.57	6.25	6.39	6.57	6.39	2.8
<b>Mississippi</b>						
Btu	-	11,584	11,531	-	11,531	-
Sulfur	-	2.16	2.26	-	2.26	-
Ash	-	7.68	7.94	-	7.94	-
<b>Tennessee</b>						
Btu	13,122	13,183	12,983	13,122	12,983	1.1
Sulfur	1.32	1.36	1.32	1.32	1.32	0.1
Ash	7.15	7.45	7.88	7.15	7.88	-9.3
<b>West South Central</b>						
Btu	9,961	10,264	10,242	9,961	10,242	-2.7
Sulfur	0.63	0.59	0.63	0.63	0.63	0.8
Ash	8.15	8.02	7.78	8.15	7.78	4.8
<b>Arkansas</b>						
Btu	12,000	11,845	11,926	12,000	11,926	0.6
Sulfur	1.36	1.51	1.42	1.36	1.42	-4.3
Ash	10.60	10.93	10.54	10.60	10.54	0.5
<b>Louisiana</b>						
Btu	7,856	7,713	8,019	7,856	8,019	-2.0
Sulfur	0.66	0.70	0.82	0.66	0.82	-19.0
Ash	6.42	7.15	6.42	6.42	6.42	s
<b>Oklahoma</b>						
Btu	9,539	9,402	9,555	9,539	9,555	-0.2
Sulfur	0.39	0.38	0.40	0.39	0.40	-1.9
Ash	5.33	5.68	5.62	5.33	5.62	-5.1
<b>Texas</b>						
Btu	10,492	11,049	10,715	10,492	10,715	-2.1
Sulfur	0.56	0.52	0.58	0.56	0.58	-3.5
Ash	10.12	9.17	8.79	10.12	8.79	15.0
<b>Mountain</b>						
Btu	10,313	10,373	10,410	10,313	10,410	-0.9
Sulfur	0.59	0.58	0.57	0.59	0.57	3.4
Ash	6.39	6.91	7.24	6.39	7.24	-11.6
<b>Arizona</b>						
Btu	11,908	11,617	11,644	11,908	11,644	2.3
Sulfur	0.89	0.66	0.68	0.89	0.68	31.0
Ash	10.21	10.91	10.34	10.21	10.34	-1.3
<b>Colorado</b>						
Btu	10,568	11,027	11,121	10,568	11,121	-5.0
Sulfur	0.45	0.52	0.50	0.45	0.50	-9.5
Ash	7.13	7.27	7.16	7.13	7.16	-0.3
<b>Idaho</b>						
Btu	11,047	10,260	10,755	11,047	10,755	2.7
Sulfur	0.60	0.68	0.62	0.60	0.62	-3.2
Ash	9.10	5.15	8.08	9.10	8.08	12.7
<b>Montana</b>						
Btu	8,680	8,576	8,766	8,680	8,766	-1.0
Sulfur	0.36	0.35	0.36	0.36	0.36	-0.7
Ash	5.18	5.37	5.25	5.18	5.25	-1.2
<b>Nevada</b>						
Btu	11,333	11,439	10,955	11,333	10,955	3.5
Sulfur	0.48	0.46	0.50	0.48	0.50	-4.0
Ash	9.81	9.77	11.12	9.81	11.12	-11.7
<b>New Mexico</b>						
Btu	12,316	12,283	12,376	12,316	12,376	-0.5
Sulfur	0.77	0.68	0.64	0.77	0.64	20.3
Ash	9.76	9.34	8.72	9.76	8.72	11.9
<b>Utah</b>						
Btu	11,514	11,499	11,576	11,514	11,576	-0.5
Sulfur	0.55	0.58	0.56	0.55	0.56	-0.7
Ash	10.93	10.84	10.44	10.93	10.44	4.7

Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Wyoming</b>						
Btu	9,913	9,855	9,717	9,913	9,717	2.0
Sulfur	0.64	0.67	0.62	0.64	0.62	3.5
Ash	4.38	4.84	4.94	4.38	4.94	-11.4
<b>Pacific</b>						
Btu	11,426	11,397	11,480	11,426	11,480	-0.5
Sulfur	0.63	0.56	0.52	0.63	0.52	20.4
Ash	9.88	10.22	10.25	9.88	10.25	-3.6
<b>California</b>						
Btu	11,614	11,512	11,599	11,614	11,599	0.1
Sulfur	0.66	0.59	0.53	0.66	0.53	23.5
Ash	10.36	10.67	10.66	10.36	10.66	-2.8
<b>Hawaii</b>						
Btu	-	11,290	-	-	-	-
Sulfur	-	0.46	-	-	-	-
Ash	-	9.81	-	-	-	-
<b>Oregon</b>						
Btu	11,484	11,849	11,701	11,484	11,701	-1.9
Sulfur	0.53	0.52	0.50	0.53	0.50	6.0
Ash	11.21	9.60	10.26	11.21	10.26	9.3
<b>Washington</b>						
Btu	9,401	9,411	9,429	9,401	9,429	-0.3
Sulfur	0.33	0.35	0.33	0.33	0.33	s
Ash	4.10	4.20	4.08	4.10	4.08	0.5
<b>U.S. Total</b>						
Btu	11,702	11,704	11,730	11,702	11,730	-0.2
Sulfur	1.06	1.06	1.08	1.06	1.08	-1.9
Ash	7.24	7.60	7.57	7.24	7.57	-4.3

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

- = No data reported.

s = Absolute percentage less than 0.05.

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>Middle Atlantic</b>						
Btu	12,945	13,024	13,135	12,945	13,135	-1.4
Sulfur	0.84	0.85	0.97	0.84	0.97	-13.5
Ash	8.52	8.68	8.41	8.52	8.41	1.3
<b>Pennsylvania</b>						
Btu	12,945	13,024	13,135	12,945	13,135	-1.4
Sulfur	0.84	0.85	0.97	0.84	0.97	-13.5
Ash	8.52	8.68	8.41	8.52	8.41	1.3
<b>East North Central</b>						
Btu	12,213	11,978	12,351	12,213	12,351	-1.1
Sulfur	2.16	2.36	2.02	2.16	2.02	7.1
Ash	8.12	8.56	7.76	8.12	7.76	4.6
<b>Illinois</b>						
Btu	11,306	11,117	11,129	11,306	11,129	1.6
Sulfur	3.18	3.28	3.17	3.18	3.17	0.4
Ash	9.19	9.67	9.29	9.19	9.29	-1.1
<b>Indiana</b>						
Btu	11,205	11,142	11,277	11,205	11,277	-0.6
Sulfur	3.01	3.15	2.85	3.01	2.85	5.6
Ash	9.49	9.61	9.56	9.49	9.56	-0.8
<b>Michigan</b>						
Btu	-	-	12,388	-	12,388	-
Sulfur	-	-	2.59	-	2.59	-
Ash	-	-	8.36	-	8.36	-
<b>Ohio</b>						
Btu	13,599	13,484	13,357	13,599	13,357	1.8
Sulfur	0.88	0.86	1.22	0.88	1.22	-27.5
Ash	5.70	6.42	6.28	5.70	6.28	-9.3
<b>Wisconsin</b>						
Btu	13,375	13,375	13,395	13,375	13,395	-0.2
Sulfur	0.78	0.78	0.75	0.78	0.75	4.6
Ash	7.65	7.65	6.44	7.65	6.44	18.9
<b>West North Central</b>						
Btu	10,370	10,491	10,330	10,370	10,330	0.4
Sulfur	1.89	1.90	1.73	1.89	1.73	9.2
Ash	8.57	8.74	8.78	8.57	8.78	-2.4
<b>Iowa</b>						
Btu	11,282	11,400	11,245	11,282	11,245	0.3
Sulfur	2.46	2.28	2.25	2.46	2.25	9.1
Ash	8.62	8.54	9.00	8.62	9.00	-4.3
<b>Minnesota</b>						
Btu	8,904	8,968	8,944	8,904	8,944	-0.5
Sulfur	0.21	0.22	0.18	0.21	0.18	17.2
Ash	5.65	5.24	3.94	5.65	3.94	43.4
<b>Missouri</b>						
Btu	11,316	11,342	11,352	11,316	11,352	-0.3
Sulfur	2.92	2.97	3.04	2.92	3.04	-3.9
Ash	8.68	8.50	8.59	8.68	8.59	1.0
<b>North Dakota</b>						
Btu	8,602	8,584	8,628	8,602	8,628	-0.3
Sulfur	0.68	0.59	0.39	0.68	0.39	75.7
Ash	9.24	9.65	9.58	9.24	9.58	-3.6
<b>South Atlantic</b>						
Btu	13,275	13,265	13,208	13,275	13,208	0.5
Sulfur	1.53	1.44	1.19	1.53	1.19	29.1
Ash	8.38	8.81	8.09	8.38	8.09	3.5
<b>District of Columbia</b>						
Btu	-	13,073	-	-	-	-
Sulfur	-	0.50	-	-	-	-
Ash	-	6.96	-	-	-	-

Census Division and State <sup>1</sup>	January - March 2016	October - December 2015	January - March 2015	Year to Date		Percent Change
				2016	2015	
<b>North Carolina</b>						
Btu	13,271	13,303	13,212	13,271	13,212	0.4
Sulfur	1.63	1.74	1.26	1.63	1.26	29.4
Ash	7.60	8.58	8.09	7.60	8.09	-6.1
<b>Virginia</b>						
Btu	13,289	13,202	13,184	13,289	13,184	0.8
Sulfur	1.14	0.88	0.76	1.14	0.76	49.3
Ash	11.39	9.55	8.12	11.39	8.12	40.2
<b>East South Central</b>						
Btu	13,255	13,226	12,981	13,255	12,981	2.1
Sulfur	0.68	0.77	0.85	0.68	0.85	-20.3
Ash	5.89	5.05	7.19	5.89	7.19	-18.1
<b>Kentucky</b>						
Btu	13,255	13,226	13,045	13,255	13,045	1.6
Sulfur	0.68	0.77	0.66	0.68	0.66	2.9
Ash	5.89	5.05	6.24	5.89	6.24	-5.6
<b>Tennessee</b>						
Btu	-	-	12,878	-	12,878	-
Sulfur	-	-	1.16	-	1.16	-
Ash	-	-	8.72	-	8.72	-
<b>West South Central</b>						
Btu	-	-	13,370	-	13,370	-
Sulfur	-	-	0.66	-	0.66	-
Ash	-	-	7.78	-	7.78	-
<b>Texas</b>						
Btu	-	-	13,370	-	13,370	-
Sulfur	-	-	0.66	-	0.66	-
Ash	-	-	7.78	-	7.78	-
<b>Mountain</b>						
Btu	8,613	9,947	11,511	8,613	11,511	-25.2
Sulfur	0.32	0.43	0.47	0.32	0.47	-31.8
Ash	3.80	11.68	9.19	3.80	9.19	-58.6
<b>Colorado</b>						
Btu	-	11,385	11,547	-	11,547	-
Sulfur	-	0.46	0.45	-	0.45	-
Ash	-	9.33	9.11	-	9.11	-
<b>Montana</b>						
Btu	-	10,800	-	-	-	-
Sulfur	-	0.50	-	-	-	-
Ash	-	6.92	-	-	-	-
<b>Wyoming</b>						
Btu	8,613	9,264	11,491	8,613	11,491	-25.0
Sulfur	0.32	0.39	0.48	0.32	0.48	-33.3
Ash	3.80	14.02	9.23	3.80	9.23	-58.8
<b>Pacific</b>						
Btu	7,617	7,562	7,596	7,617	7,596	0.3
Sulfur	0.13	0.15	0.18	0.13	0.18	-30.9
Ash	5.79	6.70	7.75	5.79	7.75	-25.3
<b>Alaska</b>						
Btu	7,617	7,562	7,596	7,617	7,596	0.3
Sulfur	0.13	0.15	0.18	0.13	0.18	-30.9
Ash	5.79	6.70	7.75	5.79	7.75	-25.3
<b>U.S. Total</b>						
Btu	10,297	10,192	10,559	10,297	10,559	-2.5
Sulfur	1.19	1.16	1.14	1.19	1.14	4.2
Ash	7.38	7.93	8.10	7.38	8.10	-8.9

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

- = No data reported.

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.'