



*Independent Statistics & Analysis*  
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Administration

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# Quarterly Coal Report July – September 2017

February 2018



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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 third quarter 2017 QCR includes detailed quarterly coal data for July – September 2017 and aggregated quarterly historical coal data for 2011 through third quarter 2017.

All data for 2016 and prior years are final. All data for 2017 are preliminary.

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**Table ES-1. U.S. Coal Summary Statistics, 2011 - 2017**

(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>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	2,829	35,207	166,448	14,153	197,755	-
April - June	160,853	2,292	2,174	32,932	160,278	14,223	188,060	-
July - September	195,101	2,733	2,880	27,282	223,358	12,552	162,318	-
October - December	199,186	2,127	2,256	25,309	180,987	19,343	167,681	-
<b>Total</b>	<b>728,364</b>	<b>9,850</b>	<b>10,138</b>		<b>731,071</b>	<b>60,271</b>		<b>2,452</b>
<b>2017</b>								
January - March	197,033	1,915	2,508	25,190*	173,456	22,307	166,647	-
April - June	187,082	2,197	1,841	23,430*	166,708	21,796	162,962	-
July - September	196,161	2,308	2,342	21,984*	203,994	24,644	145,025	-
<b>Total</b>	<b>580,276</b>	<b>6,420</b>	<b>6,691</b>		<b>544,159</b>	<b>68,747</b>		<b>6,462</b>
<b>2016 January - September</b>	<b>529,178</b>	<b>7,722</b>	<b>7,883</b>		<b>550,083</b>	<b>40,928</b>		-
<b>2015 January - September</b>	<b>689,704</b>	<b>8,613</b>	<b>7,752</b>		<b>631,141</b>	<b>58,659</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 Industrial, Commercial & Institutional Coal Users.' \*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 Industrial, Commercial & Institutional Coal Users,' 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 Industrial, Commercial & Institutional Coal Users.' 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, 2011 - 2017**

(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>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
April - June	2,927	95	765	2,919	169
July - September	2,987	73	656	2,877	291
October - December	2,992	57	579	2,659	467
<b>Total</b>	<b>11,855</b>	<b>229</b>		<b>11,212</b>	<b>1,000</b>
<b>2017</b>					
January - March	3,027	1	448	2,918	242
April - June	3,124	27	414	2,953	231
July - September	3,411	5	465	3,087	278
<b>Total</b>	<b>9,562</b>	<b>33</b>		<b>8,958</b>	<b>751</b>
<b>2016 January - September</b>	<b>8,863</b>	<b>172</b>		<b>8,553</b>	<b>533</b>
<b>2015 January - September</b>	<b>10,629</b>	<b>86</b>		<b>10,110</b>	<b>617</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 Industrial, Commercial & Institutional Coal Users.'

\*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.'

**Table ES-3. Summary Statistics for Coal Refining Plants, 2012 - 2017**

(thousand short tons)

Year and Quarter	Coal Receipts by Rank				Average Price of Receipts (dollars per short ton)	Refined Coal Produced	Refined Coal Sold
	Bituminous	Subbituminous	Lignite	Total			
<b>2012</b>							
January - March	30	1,890	231	2,151	27.47	1,756	-
April - June	-	2,853	992	3,844	25.42	3,668	-
July - September	-	2,806	2,593	5,399	24.32	4,182	-
October - December	-	2,571	2,347	4,919	24.55	4,434	-
<b>Total</b>	<b>30</b>	<b>10,120</b>	<b>6,164</b>	<b>16,313</b>	<b>25.06</b>	<b>14,040</b>	<b>-</b>
<b>2013</b>							
January - March	-	2,733	2,334	5,067	24.60	4,989	-
April - June	-	2,105	1,910	4,015	25.24	3,615	-
July - September	54	3,279	2,823	6,156	26.93	6,197	-
October - December	733	3,848	2,635	7,216	29.01	6,111	-
<b>Total</b>	<b>786</b>	<b>11,966</b>	<b>9,701</b>	<b>22,454</b>	<b>26.77</b>	<b>20,912</b>	<b>-</b>
<b>2014</b>							
January - March	486	4,887	2,623	7,996	29.13	7,717	-
April - June	552	3,985	2,737	7,273	28.16	6,909	-
July - September	426	7,550	3,181	11,157	30.08	10,113	-
October - December	1,130	8,549	2,841	12,520	28.13	11,105	-
<b>Total</b>	<b>2,594</b>	<b>24,972</b>	<b>11,381</b>	<b>38,946</b>	<b>28.90</b>	<b>35,843</b>	<b>-</b>
<b>2015</b>							
January - March	1,475	7,784	3,212	12,471	29.07	11,403	-
April - June	1,355	7,435	3,146	11,936	28.67	11,237	-
July - September	w	w	w	w	w	w	w
October - December	w	w	w	w	w	w	w
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>2016</b>							
January - March	w	w	w	w	w	w	w
April - June	w	w	w	w	w	w	w
July - September	w	w	w	w	w	w	w
October - December	w	w	w	w	w	w	w
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>2017</b>							
January - March	w	w	w	w	w	w	w
April - June	w	w	w	w	w	w	w
July - September	15,127	16,859	3,186	35,172	35.63	32,845	32,845
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</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 Industrial, Commercial & Institutional Coal Users.'

Respondent survey frame updated for Q3 2017 to include full universe of coal refining facilities. Frame was incomplete prior to Q3 2017, resulting in incomplete data.

## Production

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**Table 1. U.S. Coal Production, 2011 - 2017**

(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>
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	160,853	195,101	199,186	728,364
2017	197,033	187,082	196,161	-	580,276

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
Alabama	2,780	3,476	2,276	9,529	7,046	35.2
Alaska	237	199	183	695	721	-3.5
Arizona	1,374	1,383	1,470	4,424	4,039	9.5
Arkansas	-	17	12	27	38	-31.1
Colorado	3,147	4,371	3,031	11,301	8,622	31.1
Illinois	11,311	12,771	10,109	36,698	32,433	13.2
Indiana	7,738	7,627	7,284	23,750	21,471	10.6
Kansas	-	-	-	-	27	-
<b>Kentucky Total</b>	<b>9,890</b>	<b>11,369</b>	<b>10,290</b>	<b>32,681</b>	<b>31,703</b>	<b>3.1</b>
Eastern (Kentucky)	4,205	5,363	3,781	14,229	12,345	15.3
Western (Kentucky)	5,686	6,007	6,508	18,452	19,359	-4.7
Louisiana	164	470	641	1,589	1,993	-20.3
Maryland	431	500	431	1,311	1,125	16.5
Mississippi	453	828	766	2,022	2,119	-4.6
Missouri	63	62	64	184	174	5.8
Montana	10,450	7,800	9,299	25,493	22,938	11.1
New Mexico	3,175	3,514	2,895	10,432	9,650	8.1
North Dakota	7,463	6,584	6,995	21,281	20,666	3.0
Ohio	2,265	2,364	2,987	6,898	10,113	-31.8
Oklahoma	131	163	162	416	494	-15.9
<b>Pennsylvania Total</b>	<b>11,688</b>	<b>12,637</b>	<b>11,400</b>	<b>36,900</b>	<b>32,917</b>	<b>12.1</b>
Anthracite (Pennsylvania)	409	455	329	1,366	1,113	22.7
Bituminous (Pennsylvania)	11,279	12,182	11,071	35,535	31,805	11.7
Tennessee	90	119	156	361	503	-28.3
Texas	9,288	8,408	10,194	26,432	28,929	-8.6
Utah	3,272	3,403	3,225	10,199	10,293	-0.9
Virginia	3,137	3,359	3,254	10,071	9,571	5.2
<b>West Virginia Total</b>	<b>21,528</b>	<b>23,280</b>	<b>20,650</b>	<b>68,492</b>	<b>58,693</b>	<b>16.7</b>
Northern (West Virginia)	10,389	11,355	11,763	34,410	32,019	7.5
Southern (West Virginia)	11,139	11,925	8,887	34,082	26,674	27.8
Wyoming	85,867	72,161	87,105	238,402	212,275	12.3
<b>Appalachia Total</b>	<b>46,123</b>	<b>51,097</b>	<b>44,936</b>	<b>147,790</b>	<b>132,313</b>	<b>11.7</b>
Appalachia Central	18,570	20,766	16,079	58,743	49,093	19.7
Appalachia Northern	24,773	26,856	26,581	79,519	76,175	4.4
Appalachia Southern	2,780	3,476	2,276	9,529	7,046	35.2
<b>Interior Region Total</b>	<b>34,833</b>	<b>36,351</b>	<b>35,741</b>	<b>109,570</b>	<b>107,037</b>	<b>2.4</b>
Illinois Basin	24,734	26,404	23,901	78,901	73,262	7.7
Interior	10,099	9,947	11,839	30,669	33,774	-9.2
<b>Western Region Total</b>	<b>114,985</b>	<b>99,415</b>	<b>114,202</b>	<b>322,228</b>	<b>289,203</b>	<b>11.4</b>
Powder River Basin	91,214	75,863	91,708	251,004	223,241	12.4
Uinta Region	6,116	7,443	5,812	20,549	17,790	15.5
Western	17,655	16,109	16,682	50,675	48,173	5.2
<b>East of Mississippi River</b>	<b>71,310</b>	<b>78,330</b>	<b>69,604</b>	<b>228,713</b>	<b>207,694</b>	<b>10.1</b>
<b>West of Mississippi River</b>	<b>124,631</b>	<b>108,534</b>	<b>125,276</b>	<b>350,876</b>	<b>320,859</b>	<b>9.4</b>
<b>U.S. Subtotal</b>	<b>195,941</b>	<b>186,864</b>	<b>194,880</b>	<b>579,588</b>	<b>528,553</b>	<b>9.7</b>
<b>Refuse Recovery</b>	<b>220</b>	<b>218</b>	<b>221</b>	<b>688</b>	<b>625</b>	<b>10.0</b>
<b>U.S. Total</b>	<b>196,161</b>	<b>187,082</b>	<b>195,101</b>	<b>580,276</b>	<b>529,178</b>	<b>9.7</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	1,037	984	893	3,010	2,686	12.0
East North Central	1,952	1,705	1,669	5,276	4,963	6.3
South Atlantic	313	307	309	923	913	1.1
East South Central	270	263	246	790	712	11.0
<b>U.S. Total</b>	<b>3,573</b>	<b>3,258</b>	<b>3,117</b>	<b>9,998</b>	<b>9,274</b>	<b>7.8</b>
<b>Coke Total</b>	<b>3,411</b>	<b>3,124</b>	<b>2,987</b>	<b>9,562</b>	<b>8,863</b>	<b>7.9</b>
<b>Breeze Total</b>	<b>162</b>	<b>134</b>	<b>130</b>	<b>436</b>	<b>411</b>	<b>6.3</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 Industrial, Commercial &amp; Institutional Coal Users.' 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, 2011 - 2017**

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	14,223	2,292	12,552	2,733	19,343	2,127	60,271	9,850
2017	22,307	1,915	21,796	2,197	24,644	2,308	-	-	68,747	6,420

- = 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, 2011 - 2017**

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	65.79	66.30	67.24	62.70	92.57	71.21	73.66	65.72
2017	110.44	74.81	110.65	79.44	98.79	79.71	-	-	106.33	78.15

- = 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, 2011 - 2017**

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
<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>	<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
April - June	62,569	240,878	1,987,017	-	469	-	875	2,291,808
July - September	-	323,436	2,176,901	168,154	5,070	-	59,515	2,733,076
October - December	-	274,726	1,536,013	244,944	579	-	71,045	2,127,307
<b>U.S. Total</b>	<b>121,967</b>	<b>1,078,480</b>	<b>7,890,800</b>	<b>613,944</b>	<b>6,955</b>	<b>-</b>	<b>137,589</b>	<b>9,849,735</b>
<b>2017</b>								
January - March	-	204,185	1,649,757	58,863	1,202	-	1,047	1,915,054
April - June	700	205,598	1,789,959	199,996	676	-	121	2,197,050
July - September	-	306,509	1,767,445	196,208	2,081	-	35,740	2,307,983
<b>U.S. Total</b>	<b>700</b>	<b>716,292</b>	<b>5,207,161</b>	<b>455,067</b>	<b>3,959</b>	<b>-</b>	<b>36,908</b>	<b>6,420,087</b>

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

<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>	<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
April - June	45.92	73.61	66.00	-	285.66	-	76.90	66.30
July - September	-	80.09	61.74	42.64	117.58	-	55.30	62.70
October - December	-	82.33	69.20	60.12	162.95	-	109.01	71.21
<b>U.S. Total</b>	<b>47.66</b>	<b>77.40</b>	<b>65.10</b>	<b>52.17</b>	<b>126.99</b>	<b>-</b>	<b>83.55</b>	<b>65.72</b>
<b>2017</b>								
January - March	-	150.23	65.70	66.51	155.91	-	85.19	74.81
April - June	74.89	238.56	63.75	55.81	168.50	-	363.51	79.44
July - September	-	188.40	62.12	60.01	69.52	-	126.07	79.71
<b>U.S. Total</b>	<b>74.89</b>	<b>191.92</b>	<b>63.81</b>	<b>59.00</b>	<b>112.65</b>	<b>-</b>	<b>125.69</b>	<b>78.15</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>2,699,593</b>	<b>2,659,661</b>	<b>2,399,374</b>	<b>7,312,805</b>	<b>5,763,540</b>	<b>26.9</b>
Canada*	1,686,264	1,392,958	1,536,859	3,720,646	3,358,854	10.8
Guatemala	177,612	277,073	54,322	638,117	54,592	NM
Honduras	10	154	35,827	35,989	107,541	-66.5
Jamaica	35,795	136	82	102,149	36,524	179.7
Mexico	705,461	871,603	727,916	2,452,631	2,161,234	13.5
Other**	94,451	117,737	44,368	363,273	44,795	NM
<b>South America Total</b>	<b>2,213,929</b>	<b>2,186,906</b>	<b>1,626,526</b>	<b>6,404,272</b>	<b>5,322,561</b>	<b>20.3</b>
Argentina	102,154	154,693	46,043	361,578	104,650	245.5
Brazil	1,940,824	1,702,328	1,449,373	5,352,673	4,970,902	7.7
Chile	170,512	272,018	129,964	631,503	130,726	383.1
Peru	105	57,364	10	57,575	114,328	-49.6
Other**	334	503	1,136	943	1,955	-51.8
<b>Europe Total</b>	<b>9,770,736</b>	<b>7,622,679</b>	<b>6,145,099</b>	<b>28,398,135</b>	<b>19,307,420</b>	<b>47.1</b>
Austria	89,680	185,225	104,993	459,760	312,351	47.2
Belgium	267,669	282,267	432,496	988,458	958,019	3.2
Bosnia and Herzegovina	-	-	82,060	-	82,060	-
Croatia	578,673	399,506	310,462	1,473,966	990,437	48.8
Denmark (Except Greenland)	38,581	-	-	38,581	60,598	-36.3
Finland	178,665	117,788	179,460	296,453	314,337	-5.7
France	376,768	453,956	414,789	1,544,810	872,556	77.0
Germany, Federal Republic of	1,221,263	910,237	884,233	3,350,736	2,487,512	34.7
Italy	601,065	729,927	368,652	2,155,530	1,333,265	61.7
Netherlands	2,656,175	1,595,532	1,997,586	7,532,920	6,946,302	8.4
Norway	17,686	20,805	15,448	58,972	56,738	3.9
Poland	330,345	366,699	93,077	906,245	181,297	399.9
Portugal	298,240	-	-	473,978	-	-
Romania	12,131	51,115	24,383	114,405	138,226	-17.2
Spain	355,898	569,467	174,122	1,298,711	926,168	40.2
Sweden	320,750	220,620	114,237	660,095	183,841	259.1
Turkey	786,299	648,562	154,930	2,088,467	1,138,121	83.5
Ukraine	1,086,017	561,070	543,343	2,512,819	1,560,269	61.1
United Kingdom	419,710	332,852	247,482	1,916,573	744,668	157.4
Other**	135,121	177,051	3,346	526,656	20,655	NM
<b>Asia Total</b>	<b>8,599,356</b>	<b>8,321,073</b>	<b>2,253,605</b>	<b>23,299,412</b>	<b>9,703,113</b>	<b>140.1</b>
China	1,047,088	1,012,722	80,004	2,795,654	204,956	NM
India	2,896,777	2,335,306	481,589	7,118,380	4,122,658	72.7
Japan	1,661,640	2,369,039	927,081	5,654,551	2,765,599	104.5
Singapore	-	7	-	15,307	12	NM
South Korea (Republic of Korea)	2,612,020	2,442,306	762,028	7,168,748	2,603,167	175.4
Taiwan	214,257	296	132	215,497	350	NM
Other**	167,574	161,397	2,771	331,275	6,371	NM
<b>Australia and Oceania Total</b>	<b>399</b>	<b>96</b>	<b>249</b>	<b>48,350</b>	<b>379</b>	<b>NM</b>
Other**	399	96	249	48,350	379	NM
<b>Africa Total</b>	<b>1,360,104</b>	<b>1,005,988</b>	<b>127,057</b>	<b>3,284,451</b>	<b>831,323</b>	<b>295.1</b>
Morocco	714,621	426,065	126,608	1,876,329	677,147	177.1
South Africa	101	118,224	42	118,347	153,392	-22.8
Other**	645,382	461,699	407	1,289,775	784	NM
<b>Total</b>	<b>24,644,117</b>	<b>21,796,403</b>	<b>12,551,910</b>	<b>68,747,425</b>	<b>40,928,336</b>	<b>68.0</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 2016.

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>83.42</b>	<b>78.11</b>	<b>65.24</b>	<b>79.05</b>	<b>63.06</b>	<b>25.4</b>
Canada*	99.93	99.98	72.22	97.63	73.64	32.6
Guatemala	66.76	72.50	54.59	71.09	56.17	26.6
Honduras	694.10	374.66	41.73	74.04	55.11	34.3
Jamaica	55.34	49.68	204.87	43.63	38.66	12.9
Mexico	53.75	49.77	54.41	57.91	48.15	20.3
Other**	52.13	41.99	32.98	55.97	36.57	53.0
<b>South America Total</b>	<b>117.77</b>	<b>131.01</b>	<b>69.10</b>	<b>129.58</b>	<b>66.95</b>	<b>93.5</b>
Argentina	133.31	165.03	79.98	155.08	77.14	101.0
Brazil	121.55	142.65	71.22	137.71	67.69	103.4
Chile	64.48	49.97	36.69	50.26	38.99	28.9
Peru	372.44	72.94	484.00	74.03	50.12	47.7
Other**	548.86	741.04	626.36	695.54	514.41	35.2
<b>Europe Total</b>	<b>106.15</b>	<b>128.83</b>	<b>65.93</b>	<b>115.28</b>	<b>67.02</b>	<b>72.0</b>
Austria	143.34	193.80	82.77	205.63	78.36	162.4
Belgium	146.81	162.13	62.49	137.24	69.08	98.7
Bosnia and Herzegovina	-	-	73.03	-	73.03	-
Croatia	137.29	157.22	88.39	151.06	78.67	92.0
Denmark (Except Greenland)	68.17	-	-	68.17	30.84	121.0
Finland	131.68	211.21	81.09	163.27	79.87	104.4
France	133.14	163.42	69.44	135.98	70.13	93.9
Germany, Federal Republic of	87.92	116.47	49.62	101.54	66.50	52.7
Italy	125.91	146.00	84.76	135.84	82.44	64.8
Netherlands	72.50	80.69	53.20	72.11	54.15	33.2
Norway	137.34	130.72	132.53	130.89	136.35	-4.0
Poland	153.25	93.94	94.21	129.56	83.72	54.8
Portugal	54.89	-	-	47.65	-	-
Romania	140.61	136.92	81.88	141.25	77.29	82.8
Spain	101.41	86.54	61.77	104.47	72.62	43.9
Sweden	123.57	194.78	82.47	154.94	76.85	101.6
Turkey	120.37	123.67	87.65	140.68	71.01	98.1
Ukraine	132.42	200.05	82.74	172.92	76.81	125.1
United Kingdom	120.04	127.09	78.23	95.78	82.16	16.6
Other**	132.98	146.71	116.89	132.55	143.75	-7.8
<b>Asia Total</b>	<b>90.60</b>	<b>103.51</b>	<b>73.11</b>	<b>100.63</b>	<b>61.44</b>	<b>63.8</b>
China	128.00	124.22	88.84	125.01	99.61	25.5
India	87.41	109.00	68.01	104.43	49.80	109.7
Japan	110.02	117.24	80.37	112.75	74.41	51.5
Singapore	-	518.57	-	175.41	790.00	-77.8
South Korea (Republic of Korea)	73.22	79.60	64.31	81.52	61.93	31.6
Taiwan	31.89	127.03	463.20	32.26	465.83	-93.1
Other**	65.41	54.21	476.46	61.27	510.36	-88.0
<b>Australia and Oceania Total</b>	<b>335.36</b>	<b>207.57</b>	<b>364.04</b>	<b>171.64</b>	<b>370.36</b>	<b>-53.7</b>
Other**	335.36	207.57	364.04	171.64	370.36	-53.7
<b>Africa Total</b>	<b>97.16</b>	<b>73.73</b>	<b>39.52</b>	<b>83.78</b>	<b>46.59</b>	<b>79.8</b>
Morocco	67.40	67.93	39.03	67.11	39.67	69.2
South Africa	542.60	136.23	582.86	136.66	76.48	78.7
Other**	130.04	63.08	138.34	103.19	177.17	-41.8
<b>Total</b>	<b>98.79</b>	<b>110.65</b>	<b>67.24</b>	<b>106.33</b>	<b>64.72</b>	<b>64.3</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 2016.

- = 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 9. U.S. Steam Coal Exports**

(short tons)

Continent and Country of Destination	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>1,293,749</b>	<b>1,416,153</b>	<b>1,090,507</b>	<b>3,962,278</b>	<b>2,968,740</b>	<b>33.5</b>
Canada*	389,932	259,334	401,945	927,861	992,821	-6.5
Guatemala	177,612	277,073	54,322	638,117	54,592	NM
Honduras	10	154	35,827	35,989	71,716	-49.8
Jamaica	35,795	136	82	102,149	36,524	179.7
Mexico	595,949	761,719	553,963	2,009,164	1,768,292	13.6
Other**	94,451	117,737	44,368	248,998	44,795	455.9
<b>South America Total</b>	<b>316,320</b>	<b>339,476</b>	<b>142,010</b>	<b>856,816</b>	<b>267,480</b>	<b>220.3</b>
Argentina	160	-	864	160	888	-82.0
Brazil	145,209	9,591	10,036	166,635	19,583	NM
Chile	170,512	272,018	129,964	631,503	130,726	383.1
Peru	105	57,364	10	57,575	114,328	-49.6
Other**	334	503	1,136	943	1,955	-51.8
<b>Europe Total</b>	<b>3,241,957</b>	<b>2,030,283</b>	<b>1,860,590</b>	<b>10,380,617</b>	<b>5,829,783</b>	<b>78.1</b>
Austria	375	750	423	1,971	1,824	8.1
Belgium	22	410	117,406	432	117,406	-99.6
Denmark (Except Greenland)	38,581	-	-	38,581	60,598	-36.3
Finland	-	-	94	-	59,619	-
France	-	-	-	412,463	-	-
Germany, Federal Republic of	560,858	371,144	680,075	1,562,213	1,354,391	15.3
Italy	78,208	143,025	23,901	466,982	275,355	69.6
Netherlands	1,700,194	766,784	1,037,092	4,997,174	3,840,589	30.1
Norway	8,818	-	108	8,818	8,417	4.8
Poland	-	164,245	-	188,076	-	-
Portugal	298,240	-	-	389,181	-	-
Spain	160,119	344,804	964	687,143	44,872	NM
Sweden	98,238	-	-	98,466	-	-
Turkey	171,135	77,362	65	408,619	52,768	NM
Ukraine	-	-	-	-	12,221	-
United Kingdom	98,220	161,360	221	1,078,452	617	NM
Other**	28,949	399	241	42,046	1,106	NM
<b>Asia Total</b>	<b>4,256,453</b>	<b>3,846,910</b>	<b>340,450</b>	<b>11,204,564</b>	<b>2,383,056</b>	<b>370.2</b>
China	596	92,054	474	265,663	2,255	NM
India	1,809,947	1,395,132	140,552	4,342,495	1,701,984	155.1
Japan	513,554	621,812	142,318	1,748,824	332,040	426.7
Singapore	-	7	-	7	12	-41.7
South Korea (Republic of Korea)	1,558,546	1,576,212	54,683	4,309,129	340,818	NM
Taiwan	214,257	296	132	215,497	350	NM
Other**	159,553	161,397	2,291	322,949	5,597	NM
<b>Australia and Oceania Total</b>	<b>399</b>	<b>96</b>	<b>249</b>	<b>937</b>	<b>358</b>	<b>161.7</b>
Other**	399	96	249	937	358	161.7
<b>Africa Total</b>	<b>690,678</b>	<b>712,695</b>	<b>42,187</b>	<b>1,875,917</b>	<b>188,366</b>	<b>NM</b>
Morocco	199,519	328,060	41,738	1,000,017	187,067	434.6
South Africa	101	44	42	167	515	-67.6
Other**	491,058	384,591	407	875,733	784	NM
<b>Total</b>	<b>9,799,556</b>	<b>8,345,613</b>	<b>3,475,993</b>	<b>28,281,129</b>	<b>11,637,783</b>	<b>143.0</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 2016.

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>57.76</b>	<b>51.55</b>	<b>47.83</b>	<b>55.82</b>	<b>45.47</b>	<b>22.8</b>
Canada*	89.35	90.61	58.01	88.15	63.24	39.4
Guatemala	66.76	72.50	54.59	71.09	56.17	26.6
Honduras	694.10	374.66	41.73	74.04	43.67	69.5
Jamaica	55.34	49.68	204.87	43.63	38.66	12.9
Mexico	35.44	32.03	41.34	37.39	35.60	5.0
Other**	52.13	41.99	32.98	47.29	36.57	29.3
<b>South America Total</b>	<b>67.40</b>	<b>57.68</b>	<b>48.48</b>	<b>57.96</b>	<b>54.46</b>	<b>6.4</b>
Argentina	288.03	-	40.30	288.03	45.17	NM
Brazil	69.26	149.48	135.98	77.76	137.55	-43.5
Chile	64.48	49.97	36.69	50.26	38.99	28.9
Peru	372.44	72.94	484.00	74.03	50.12	47.7
Other**	548.86	741.04	626.36	695.54	514.41	35.2
<b>Europe Total</b>	<b>64.68</b>	<b>56.10</b>	<b>39.51</b>	<b>62.44</b>	<b>49.87</b>	<b>25.2</b>
Austria	27.66	27.66	24.52	26.31	28.43	-7.5
Belgium	583.59	45.85	30.84	73.24	30.84	137.5
Denmark (Except Greenland)	68.17	-	-	68.17	30.84	121.0
Finland	-	-	399.44	-	76.03	-
France	-	-	-	74.50	-	-
Germany, Federal Republic of	57.84	48.27	40.03	54.73	60.79	-10.0
Italy	108.45	72.69	82.68	77.00	72.95	5.6
Netherlands	60.39	51.80	38.42	58.07	44.51	30.5
Norway	131.55	-	2,463.53	131.55	157.18	-16.3
Poland	-	54.72	-	68.30	-	-
Portugal	54.89	-	-	49.49	-	-
Spain	55.77	51.97	338.37	56.06	53.43	4.9
Sweden	92.91	-	-	92.86	-	-
Turkey	115.87	91.97	399.09	132.52	39.53	235.2
Ukraine	-	-	-	-	63.50	-
United Kingdom	55.05	73.02	670.82	59.46	836.65	-92.9
Other**	90.71	87.18	126.53	92.34	151.73	-39.1
<b>Asia Total</b>	<b>49.91</b>	<b>52.71</b>	<b>51.61</b>	<b>51.83</b>	<b>49.17</b>	<b>5.4</b>
China	375.87	57.16	535.36	42.30	520.94	-91.9
India	58.11	57.07	50.68	58.04	45.96	26.3
Japan	68.31	78.96	41.94	72.80	43.96	65.6
Singapore	-	518.57	-	518.57	790.00	-34.4
South Korea (Republic of Korea)	35.57	38.06	52.61	38.10	58.18	-34.5
Taiwan	31.89	127.03	463.20	32.26	465.83	-93.1
Other**	60.72	54.21	561.55	58.81	569.45	-89.7
<b>Australia and Oceania Total</b>	<b>335.36</b>	<b>207.57</b>	<b>364.04</b>	<b>341.47</b>	<b>365.86</b>	<b>-6.7</b>
Other**	335.36	207.57	364.04	341.47	365.86	-6.7
<b>Africa Total</b>	<b>100.95</b>	<b>58.46</b>	<b>41.41</b>	<b>75.11</b>	<b>41.48</b>	<b>81.1</b>
Morocco	61.19	68.01	39.92	63.91	39.73	60.9
South Africa	542.60	553.57	582.86	546.93	472.06	15.9
Other**	117.02	50.26	138.34	87.81	177.17	-50.4
<b>Total</b>	<b>60.01</b>	<b>54.03</b>	<b>43.72</b>	<b>58.02</b>	<b>48.58</b>	<b>19.4</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 2016.

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>1,405,844</b>	<b>1,243,508</b>	<b>1,308,867</b>	<b>3,350,527</b>	<b>2,794,800</b>	<b>19.9</b>
Canada*	1,296,332	1,133,624	1,134,914	2,792,785	2,366,033	18.0
Honduras	-	-	-	-	35,825	-
Mexico	109,512	109,884	173,953	443,467	392,942	12.9
Other**	-	-	-	114,275	-	-
<b>South America Total</b>	<b>1,897,609</b>	<b>1,847,430</b>	<b>1,484,516</b>	<b>5,547,456</b>	<b>5,055,081</b>	<b>9.7</b>
Argentina	101,994	154,693	45,179	361,418	103,762	248.3
Brazil	1,795,615	1,692,737	1,439,337	5,186,038	4,951,319	4.7
<b>Europe Total</b>	<b>6,528,779</b>	<b>5,592,396</b>	<b>4,284,509</b>	<b>18,017,518</b>	<b>13,477,637</b>	<b>33.7</b>
Austria	89,305	184,475	104,570	457,789	310,527	47.4
Belgium	267,647	281,857	315,090	988,026	840,613	17.5
Bosnia and Herzegovina	-	-	82,060	-	82,060	-
Croatia	578,673	399,506	310,462	1,473,966	990,437	48.8
Finland	178,665	117,788	179,366	296,453	254,718	16.4
France	376,768	453,956	414,789	1,132,347	872,556	29.8
Germany, Federal Republic of	660,405	539,093	204,158	1,788,523	1,133,121	57.8
Italy	522,857	586,902	344,751	1,688,548	1,057,910	59.6
Netherlands	955,981	828,748	960,494	2,535,746	3,105,713	-18.4
Norway	8,868	20,805	15,340	50,154	48,321	3.8
Poland	330,345	202,454	93,077	718,169	181,297	296.1
Portugal	-	-	-	84,797	-	-
Romania	12,131	51,115	24,383	114,405	138,226	-17.2
Spain	195,779	224,663	173,158	611,568	881,296	-30.6
Sweden	222,512	220,620	114,237	561,629	183,841	205.5
Turkey	615,164	571,200	154,865	1,679,848	1,085,353	54.8
Ukraine	1,086,017	561,070	543,343	2,512,819	1,548,048	62.3
United Kingdom	321,490	171,492	247,261	838,121	744,051	12.6
Other**	106,172	176,652	3,105	484,610	19,549	NM
<b>Asia Total</b>	<b>4,342,903</b>	<b>4,474,163</b>	<b>1,913,155</b>	<b>12,094,848</b>	<b>7,320,057</b>	<b>65.2</b>
China	1,046,492	920,668	79,530	2,529,991	202,701	NM
India	1,086,830	940,174	341,037	2,775,885	2,420,674	14.7
Japan	1,148,086	1,747,227	784,763	3,905,727	2,433,559	60.5
Singapore	-	-	-	15,300	-	-
South Korea (Republic of Korea)	1,053,474	866,094	707,345	2,859,619	2,262,349	26.4
Other**	8,021	-	480	8,326	774	NM
<b>Australia and Oceania Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47,413</b>	<b>21</b>	<b>NM</b>
Other**	-	-	-	47,413	21	NM
<b>Africa Total</b>	<b>669,426</b>	<b>293,293</b>	<b>84,870</b>	<b>1,408,534</b>	<b>642,957</b>	<b>119.1</b>
Morocco	515,102	98,005	84,870	876,312	490,080	78.8
South Africa	-	118,180	-	118,180	152,877	-22.7
Other**	154,324	77,108	-	414,042	-	-
<b>Total</b>	<b>14,844,561</b>	<b>13,450,790</b>	<b>9,075,917</b>	<b>40,466,296</b>	<b>29,290,553</b>	<b>38.2</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 2016.

- = 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 12. Average Price of U.S. Metallurgical Coal Exports**

(dollars per short ton)

Continent and Country of Destination	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>107.03</b>	<b>108.36</b>	<b>79.75</b>	<b>106.52</b>	<b>81.74</b>	<b>30.3</b>
Canada*	103.12	102.12	77.25	100.77	78.00	29.2
Honduras	-	-	-	-	78.02	-
Mexico	153.35	172.73	96.03	150.89	104.60	44.3
Other**	-	-	-	74.87	-	-
<b>South America Total</b>	<b>126.17</b>	<b>144.49</b>	<b>71.08</b>	<b>140.64</b>	<b>67.62</b>	<b>108.0</b>
Argentina	133.07	165.03	80.74	155.02	77.41	100.3
Brazil	125.78	142.61	70.77	139.64	67.41	107.2
<b>Europe Total</b>	<b>126.75</b>	<b>155.23</b>	<b>77.41</b>	<b>145.72</b>	<b>74.44</b>	<b>95.8</b>
Austria	143.82	194.48	83.01	206.40	78.65	162.4
Belgium	146.77	162.30	74.28	137.27	74.42	84.5
Bosnia and Herzegovina	-	-	73.03	-	73.03	-
Croatia	137.29	157.22	88.39	151.06	78.67	92.0
Finland	131.68	211.21	80.93	163.27	80.77	102.1
France	133.14	163.42	69.44	158.37	70.13	125.8
Germany, Federal Republic of	113.47	163.43	81.56	142.42	73.32	94.2
Italy	128.53	163.87	84.91	152.11	84.91	79.1
Netherlands	94.03	107.42	69.15	99.77	66.06	51.0
Norway	143.09	130.72	116.12	130.78	132.72	-1.5
Poland	153.25	125.76	94.21	145.61	83.72	73.9
Portugal	-	-	-	39.19	-	-
Romania	140.61	136.92	81.88	141.25	77.29	82.8
Spain	138.74	139.61	60.23	158.87	73.60	115.9
Sweden	137.11	194.78	82.47	165.82	76.85	115.8
Turkey	121.62	127.96	87.52	142.67	72.55	96.7
Ukraine	132.42	200.05	82.74	172.92	76.91	124.8
United Kingdom	139.89	177.97	77.70	142.53	81.53	74.8
Other**	144.51	146.84	116.14	136.03	143.30	-5.1
<b>Asia Total</b>	<b>130.48</b>	<b>147.19</b>	<b>76.93</b>	<b>145.85</b>	<b>65.43</b>	<b>122.9</b>
China	127.86	130.92	86.18	133.69	94.92	40.8
India	136.21	186.05	75.16	176.99	52.50	237.1
Japan	128.67	130.87	87.34	130.64	78.57	66.3
Singapore	-	-	-	175.25	-	-
South Korea (Republic of Korea)	128.91	155.20	65.21	146.95	62.49	135.2
Other**	158.70	-	70.38	156.55	82.99	88.6
<b>Australia and Oceania Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>168.28</b>	<b>447.00</b>	<b>-62.4</b>
Other**	-	-	-	168.28	447.00	-62.4
<b>Africa Total</b>	<b>93.24</b>	<b>110.84</b>	<b>38.59</b>	<b>95.34</b>	<b>48.09</b>	<b>98.3</b>
Morocco	69.80	67.68	38.59	70.77	39.65	78.5
South Africa	-	136.08	-	136.08	75.15	81.1
Other**	171.46	127.01	-	135.71	-	-
<b>Total</b>	<b>124.39</b>	<b>145.78</b>	<b>76.25</b>	<b>140.09</b>	<b>71.13</b>	<b>96.9</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 2016.

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Eastern Total</b>	<b>14,875,014</b>	<b>13,056,532</b>	<b>8,009,216</b>	<b>40,981,292</b>	<b>27,137,823</b>	<b>51.0</b>
Baltimore, MD	5,096,774	4,856,637	2,365,582	14,317,308	9,918,581	44.3
Buffalo, NY	552,256	352,253	424,795	1,004,224	728,855	37.8
New York City, NY	158,442	3,293	2,613	167,893	6,227	NM
Norfolk, VA	8,989,234	7,785,017	5,091,201	25,302,615	16,282,132	55.4
Ogdensburg, NY	51,298	23,194	19,786	84,069	79,014	6.4
Philadelphia, PA	26,796	36,110	40,460	104,874	57,971	80.9
Portland, ME	91	28	64,696	119	64,696	-99.8
St. Albans, VT	123	-	83	190	278	-31.7
Washington, DC	-	-	-	-	69	-
<b>Southern Total</b>	<b>6,131,789</b>	<b>5,217,571</b>	<b>3,180,668</b>	<b>18,033,540</b>	<b>10,395,675</b>	<b>73.5</b>
Charleston, SC	190	43	518	486	845	-42.5
El Paso, TX	50,532	49,441	38,704	144,782	78,299	84.9
Houston-Galveston, TX	137,007	1,104	1,680	201,819	4,564	NM
Laredo, TX	509,639	712,914	469,267	1,792,618	1,388,031	29.1
Miami, FL	30	293	1,182	568	1,707	-66.7
Mobile, AL	3,101,547	2,786,316	1,508,173	8,121,719	5,436,854	49.4
New Orleans, LA	2,332,607	1,667,256	1,160,933	7,770,778	3,484,828	123.0
Savannah, GA	198	114	-	631	276	128.6
Tampa, FL	39	90	211	139	271	-48.7
<b>Western Total</b>	<b>2,554,309</b>	<b>2,593,781</b>	<b>427,868</b>	<b>7,347,711</b>	<b>1,061,287</b>	<b>NM</b>
Anchorage, AK	-	-	71,697	272	71,697	-99.6
Great Falls, MT	42	43	204	139	610	-77.2
Honolulu, HI	-	75	-	75	-	-
Los Angeles, CA	205,239	287,503	1,559	864,305	75,099	NM
Nogales, AZ	36,178	9	24	36,228	118	NM
Portland, OR	-	2	-	2	-	-
San Diego, CA	-	49	11	56	70	-20.0
San Francisco, CA	722,030	789,652	353,983	2,141,209	835,171	156.4
Seattle, WA	1,590,820	1,516,448	390	4,305,425	78,522	NM
<b>Northern Total</b>	<b>1,077,828</b>	<b>919,140</b>	<b>930,401</b>	<b>2,361,231</b>	<b>2,321,733</b>	<b>1.7</b>
Chicago, IL	32,614	-	-	32,661	-	-
Cleveland, OH	784,128	830,220	688,235	1,877,301	1,589,235	18.1
Detroit, MI	94,148	82,493	239,876	207,789	677,721	-69.3
Duluth, MN	4,153	3,325	1,674	9,336	2,278	309.8
Minneapolis, MN	158,329	20	-	220,511	51,216	330.6
Pembina, ND	4,456	3,082	616	13,633	1,283	NM
<b>Other Ports</b>	<b>5,177</b>	<b>9,379</b>	<b>3,757</b>	<b>23,651</b>	<b>11,818</b>	<b>100.1</b>
<b>Total</b>	<b>24,644,117</b>	<b>21,796,403</b>	<b>12,551,910</b>	<b>68,747,425</b>	<b>40,928,336</b>	<b>68.0</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Eastern Total</b>	<b>3,886,640</b>	<b>3,198,894</b>	<b>1,177,859</b>	<b>10,761,023</b>	<b>4,574,304</b>	<b>135.2</b>
Baltimore, MD	2,441,907	2,213,865	879,106	6,788,685	3,003,774	126.0
Buffalo, NY	3,767	4,354	2,523	11,431	9,016	26.8
New York City, NY	158,442	3,244	2,613	167,844	6,227	NM
Norfolk, VA	1,204,598	918,570	169,110	3,605,412	1,354,948	166.1
Ogdensburg, NY	50,916	22,723	19,268	82,468	77,325	6.7
Philadelphia, PA	26,796	36,110	40,460	104,874	57,971	80.9
Portland, ME	91	28	64,696	119	64,696	-99.8
St. Albans, VT	123	-	83	190	278	-31.7
Washington, DC	-	-	-	-	69	-
<b>Southern Total</b>	<b>3,023,063</b>	<b>2,409,673</b>	<b>1,691,915</b>	<b>9,585,956</b>	<b>5,429,471</b>	<b>76.6</b>
Charleston, SC	38	43	302	82	482	-83.0
El Paso, TX	50,532	49,441	38,704	144,782	78,299	84.9
Houston-Galveston, TX	137,007	1,104	1,680	201,819	4,564	NM
Laredo, TX	509,251	712,251	403,946	1,760,064	1,321,964	33.1
Miami, FL	30	293	1,182	568	1,707	-66.7
Mobile, AL	98,238	-	167,431	110,559	709,460	-84.4
New Orleans, LA	2,227,883	1,646,451	1,078,459	7,367,847	3,312,578	122.4
Savannah, GA	45	-	-	96	146	-34.2
Tampa, FL	39	90	211	139	271	-48.7
<b>Western Total</b>	<b>2,554,309</b>	<b>2,593,781</b>	<b>384,185</b>	<b>7,347,659</b>	<b>944,962</b>	<b>NM</b>
Anchorage, AK	-	-	71,650	220	71,650	-99.7
Great Falls, MT	42	43	204	139	610	-77.2
Honolulu, HI	-	75	-	75	-	-
Los Angeles, CA	205,239	287,503	1,288	864,305	2,186	NM
Nogales, AZ	36,178	9	24	36,228	118	NM
Portland, OR	-	2	-	2	-	-
San Diego, CA	-	49	11	56	70	-20.0
San Francisco, CA	722,030	789,652	310,618	2,141,209	791,806	170.4
Seattle, WA	1,590,820	1,516,448	390	4,305,425	78,522	NM
<b>Northern Total</b>	<b>330,367</b>	<b>133,896</b>	<b>218,277</b>	<b>562,850</b>	<b>677,228</b>	<b>-16.9</b>
Chicago, IL	-	-	-	47	-	-
Cleveland, OH	119,498	93,461	54,894	213,032	152,346	39.8
Detroit, MI	43,931	34,008	161,093	106,291	470,105	-77.4
Duluth, MN	4,153	3,325	1,674	9,336	2,278	309.8
Minneapolis, MN	158,329	20	-	220,511	51,216	330.6
Pembina, ND	4,456	3,082	616	13,633	1,283	NM
<b>Other Ports</b>	<b>5,177</b>	<b>9,369</b>	<b>3,757</b>	<b>23,641</b>	<b>11,818</b>	<b>100.0</b>
<b>Total</b>	<b>9,799,556</b>	<b>8,345,613</b>	<b>3,475,993</b>	<b>28,281,129</b>	<b>11,637,783</b>	<b>143.0</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Eastern Total</b>	<b>10,988,374</b>	<b>9,857,638</b>	<b>6,831,357</b>	<b>30,220,269</b>	<b>22,563,519</b>	<b>33.9</b>
Baltimore, MD	2,654,867	2,642,772	1,486,476	7,528,623	6,914,807	8.9
Buffalo, NY	548,489	347,899	422,272	992,793	719,839	37.9
New York City, NY	-	49	-	49	-	-
Norfolk, VA	7,784,636	6,866,447	4,922,091	21,697,203	14,927,184	45.4
Ogdensburg, NY	382	471	518	1,601	1,689	-5.2
<b>Southern Total</b>	<b>3,108,726</b>	<b>2,807,898</b>	<b>1,488,753</b>	<b>8,447,584</b>	<b>4,966,204</b>	<b>70.1</b>
Charleston, SC	152	-	216	404	363	11.3
Laredo, TX	388	663	65,321	32,554	66,067	-50.7
Mobile, AL	3,003,309	2,786,316	1,340,742	8,011,160	4,727,394	69.5
New Orleans, LA	104,724	20,805	82,474	402,931	172,250	133.9
Savannah, GA	153	114	-	535	130	311.5
<b>Western Total</b>	<b>-</b>	<b>-</b>	<b>43,683</b>	<b>52</b>	<b>116,325</b>	<b>-100.0</b>
Anchorage, AK	-	-	47	52	47	10.6
Los Angeles, CA	-	-	271	-	72,913	-
San Francisco, CA	-	-	43,365	-	43,365	-
<b>Northern Total</b>	<b>747,461</b>	<b>785,244</b>	<b>712,124</b>	<b>1,798,381</b>	<b>1,644,505</b>	<b>9.4</b>
Chicago, IL	32,614	-	-	32,614	-	-
Cleveland, OH	664,630	736,759	633,341	1,664,269	1,436,889	15.8
Detroit, MI	50,217	48,485	78,783	101,498	207,616	-51.1
<b>Other Ports</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>14,844,561</b>	<b>13,450,790</b>	<b>9,075,917</b>	<b>40,466,296</b>	<b>29,290,553</b>	<b>38.2</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 EM 545.'

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

(short tons)

Continent and Country of Destination	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>277,649</b>	<b>198,650</b>	<b>268,543</b>	<b>678,457</b>	<b>509,335</b>	<b>33.2</b>
Canada*	183,506	184,282	163,812	527,655	355,453	48.4
Mexico	93,601	14,115	104,549	149,790	153,057	-2.1
Other**	542	253	182	1,012	825	22.7
<b>South America Total</b>	<b>69</b>	<b>6</b>	<b>20</b>	<b>95</b>	<b>53</b>	<b>79.2</b>
Other**	69	6	20	95	53	79.2
<b>Europe Total</b>	<b>110</b>	<b>31,866</b>	<b>22,277</b>	<b>32,147</b>	<b>22,310</b>	<b>44.1</b>
Other**	110	31,866	22,277	32,147	22,310	44.1
<b>Asia Total</b>	<b>343</b>	<b>771</b>	<b>271</b>	<b>22,107</b>	<b>1,032</b>	<b>NM</b>
Other**	343	771	271	22,107	1,032	NM
<b>Australia and Oceania Total</b>	<b>171</b>	<b>22</b>	<b>200</b>	<b>248</b>	<b>345</b>	<b>-28.1</b>
Other**	171	22	200	248	345	-28.1
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,188</b>	<b>-</b>	<b>-</b>
Other**	-	-	-	18,188	-	-
<b>Total</b>	<b>278,342</b>	<b>231,315</b>	<b>291,311</b>	<b>751,242</b>	<b>533,075</b>	<b>40.9</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 2016.

- = 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 17. Average Price of U.S. Coke Exports**

(dollars per short ton)

Continent and Country of Destination	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>257.78</b>	<b>253.31</b>	<b>232.58</b>	<b>248.28</b>	<b>253.84</b>	<b>-2.2</b>
Canada*	249.07	242.50	217.78	234.16	233.82	0.1
Mexico	274.22	387.89	255.12	296.42	298.32	-0.6
Other**	364.51	612.15	614.84	487.04	623.75	-21.9
<b>South America Total</b>	<b>529.43</b>	<b>491.50</b>	<b>526.20</b>	<b>526.36</b>	<b>515.13</b>	<b>2.2</b>
Other**	529.43	491.50	526.20	526.36	515.13	2.2
<b>Europe Total</b>	<b>461.85</b>	<b>104.38</b>	<b>74.48</b>	<b>107.61</b>	<b>75.13</b>	<b>43.2</b>
Other**	461.85	104.38	74.48	107.61	75.13	43.2
<b>Asia Total</b>	<b>826.23</b>	<b>749.64</b>	<b>627.55</b>	<b>176.11</b>	<b>733.90</b>	<b>-76.0</b>
Other**	826.23	749.64	627.55	176.11	733.90	-76.0
<b>Australia and Oceania Total</b>	<b>463.73</b>	<b>196.36</b>	<b>460.41</b>	<b>401.23</b>	<b>431.65</b>	<b>-7.0</b>
Other**	463.73	196.36	460.41	401.23	431.65	-7.0
<b>Africa Total</b>	-	-	-	<b>90.72</b>	-	-
Other**	-	-	-	90.72	-	-
<b>Total</b>	<b>258.75</b>	<b>234.44</b>	<b>221.04</b>	<b>236.41</b>	<b>247.43</b>	<b>-4.5</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 2016.

- = 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>306,531</b>	<b>205,622</b>	<b>323,445</b>	<b>716,362</b>	<b>804,708</b>	<b>-11.0</b>
Canada	306,509	205,598	323,436	716,292	803,754	-10.9
Mexico	22	24	9	70	954	-92.7
<b>South America Total</b>	<b>1,767,474</b>	<b>1,789,988</b>	<b>2,176,960</b>	<b>5,207,248</b>	<b>6,360,272</b>	<b>-18.1</b>
Colombia	1,767,445	1,789,959	2,176,901	5,207,161	6,354,787	-18.1
Peru	29	29	59	87	5,485	-98.4
<b>Europe Total</b>	<b>34,862</b>	<b>58</b>	<b>59,447</b>	<b>35,644</b>	<b>60,105</b>	<b>-40.7</b>
Austria	-	-	-	-	3	-
Germany, Federal Republic of	391	21	174	1,136	174	NM
Italy	-	-	-	-	314	-
Russia	34,420	29	59,273	34,449	59,273	-41.9
United Kingdom	51	8	-	59	341	-82.7
<b>Asia Total</b>	<b>199,116</b>	<b>200,682</b>	<b>173,224</b>	<b>460,133</b>	<b>375,376</b>	<b>22.6</b>
China	2,081	676	5,070	3,959	6,376	-37.9
Hong Kong	827	-	-	827	-	-
India	-	10	-	280	-	-
Indonesia	196,208	199,996	168,154	455,067	369,000	23.3
<b>Australia and Oceania Total</b>	<b>-</b>	<b>700</b>	<b>-</b>	<b>700</b>	<b>121,967</b>	<b>-99.4</b>
Australia	-	700	-	700	121,967	-99.4
<b>Total</b>	<b>2,307,983</b>	<b>2,197,050</b>	<b>2,733,076</b>	<b>6,420,087</b>	<b>7,722,428</b>	<b>-16.9</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>188.40</b>	<b>238.58</b>	<b>80.11</b>	<b>191.93</b>	<b>75.71</b>	<b>153.5</b>
Canada	188.40	238.56	80.09	191.92	75.72	153.5
Mexico	199.55	411.50	477.33	335.06	68.91	386.2
<b>South America Total</b>	<b>62.12</b>	<b>63.75</b>	<b>61.75</b>	<b>63.82</b>	<b>64.11</b>	<b>-0.5</b>
Colombia	62.12	63.75	61.74	63.81	64.11	-0.5
Peru	262.10	267.86	261.37	264.62	65.44	304.4
<b>Europe Total</b>	<b>123.59</b>	<b>319.67</b>	<b>55.03</b>	<b>122.98</b>	<b>55.33</b>	<b>122.3</b>
Austria	-	-	-	-	864.00	-
Germany, Federal Republic of	93.49	318.86	88.30	87.74	88.30	-0.6
Italy	-	-	-	-	75.07	-
Russia	124.00	322.76	54.93	124.17	54.93	126.1
United Kingdom	74.51	310.63	-	106.53	82.99	28.4
<b>Asia Total</b>	<b>60.79</b>	<b>56.22</b>	<b>44.83</b>	<b>59.78</b>	<b>48.19</b>	<b>24.1</b>
China	69.52	168.50	117.58	112.65	123.73	-9.0
Hong Kong	224.00	-	-	224.00	-	-
India	-	780.00	-	84.75	-	-
Indonesia	60.01	55.81	42.64	59.00	46.89	25.8
<b>Australia and Oceania Total</b>	<b>-</b>	<b>74.89</b>	<b>-</b>	<b>74.89</b>	<b>47.66</b>	<b>57.1</b>
Australia	-	74.89	-	74.89	47.66	57.1
<b>U.S. Total*</b>	<b>79.71</b>	<b>79.44</b>	<b>62.70</b>	<b>78.15</b>	<b>64.21</b>	<b>21.7</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Eastern Total</b>	<b>2,124</b>	<b>34,308</b>	<b>433,244</b>	<b>126,771</b>	<b>807,656</b>	<b>-84.3</b>
Baltimore, MD	278	-	118,034	278	118,034	-99.8
Boston, MA	-	-	245,227	45,176	575,978	-92.2
Buffalo, NY	516	392	-	1,272	94	NM
New York City, NY	1,330	418	66	1,792	861	108.1
Ogdensburg, NY	-	187	-	187	-	-
Philadelphia, PA	-	21	-	21	-	-
Portland, ME	-	33,290	42,440	78,045	42,440	83.9
Providence, RI	-	-	27,477	-	70,249	-
<b>Southern Total</b>	<b>1,803,186</b>	<b>1,757,690</b>	<b>1,808,068</b>	<b>5,122,183</b>	<b>5,704,449</b>	<b>-10.2</b>
Charleston, SC	-	-	-	-	54,020	-
Houston-Galveston, TX	29	290	59	1,489	360	313.6
Laredo, TX	22	24	9	70	954	-92.7
Miami, FL	36,420	34,179	-	70,599	36,398	94.0
Mobile, AL	578,951	370,752	593,192	1,332,765	2,129,630	-37.4
New Orleans, LA	1,336	700	5,004	2,323	5,222	-55.5
Port Arthur, TX	-	-	-	-	314	-
San Juan, PR	361,011	541,727	366,936	1,217,133	1,297,217	-6.2
Tampa, FL	825,417	810,018	842,868	2,497,804	2,180,334	14.6
<b>Western Total</b>	<b>293,400</b>	<b>251,204</b>	<b>371,504</b>	<b>733,209</b>	<b>895,117</b>	<b>-18.1</b>
Anchorage, AK	-	-	-	-	341	-
Great Falls, MT	96,299	50,771	140,975	210,630	292,109	-27.9
Honolulu, HI	196,208	199,996	230,135	521,101	586,251	-11.1
Los Angeles, CA	10	-	-	10	-	-
San Francisco, CA	30	29	-	59	56	5.4
Seattle, WA	853	408	394	1,409	16,360	-91.4
<b>Northern Total</b>	<b>209,273</b>	<b>153,848</b>	<b>120,260</b>	<b>437,924</b>	<b>315,206</b>	<b>38.9</b>
Chicago, IL	10	-	-	10	-	-
Cleveland, OH	208	-	163	769	163	371.8
Detroit, MI	128,978	63,102	105,702	193,116	145,584	32.6
Duluth, MN	42	-	-	252	-	-
Pembina, ND	80,035	90,746	14,395	243,777	169,459	43.9
<b>Total</b>	<b>2,307,983</b>	<b>2,197,050</b>	<b>2,733,076</b>	<b>6,420,087</b>	<b>7,722,428</b>	<b>-16.9</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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>380</b>	<b>1,462</b>	<b>24,512</b>	<b>2,791</b>	<b>44,665</b>	<b>-93.8</b>
Canada	380	1,451	24,512	2,780	44,665	-93.8
Mexico	-	11	-	11	-	-
<b>South America Total</b>	<b>-</b>	<b>-</b>	<b>46,584</b>	<b>-</b>	<b>83,741</b>	<b>-</b>
Colombia	-	-	46,584	-	83,741	-
<b>Europe Total</b>	<b>266</b>	<b>22,220</b>	<b>853</b>	<b>22,858</b>	<b>41,241</b>	<b>-44.6</b>
Germany, Federal Republic of	-	-	77	8	77	-89.6
Italy	262	-	770	604	8,073	-92.5
Poland	-	22,220	-	22,220	-	-
Russia	-	-	-	-	33,069	-
United Kingdom	4	-	6	26	22	18.2
<b>Asia Total</b>	<b>835</b>	<b>174</b>	<b>742</b>	<b>1,080</b>	<b>1,902</b>	<b>-43.2</b>
China	276	143	-	423	243	74.1
Indonesia	78	31	31	176	146	20.5
Japan	481	-	711	481	1,513	-68.2
<b>Africa Total</b>	<b>3,389</b>	<b>3,278</b>	<b>-</b>	<b>6,667</b>	<b>-</b>	<b>-</b>
South Africa	3,389	3,278	-	6,667	-	-
<b>U.S. Total</b>	<b>4,870</b>	<b>27,134</b>	<b>72,691</b>	<b>33,396</b>	<b>171,549</b>	<b>-80.5</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.'

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

(dollars per short ton)

Continent and Country of Origin	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>North America Total</b>	<b>152.77</b>	<b>161.50</b>	<b>120.19</b>	<b>162.35</b>	<b>121.20</b>	<b>34.0</b>
Canada	152.77	159.94	120.19	161.54	121.20	33.3
Mexico	-	367.73	-	367.73	-	-
<b>South America Total</b>	-	-	<b>142.87</b>	-	<b>144.10</b>	-
Colombia	-	-	142.87	-	144.10	-
<b>Europe Total</b>	<b>287.52</b>	<b>101.61</b>	<b>266.25</b>	<b>107.35</b>	<b>127.15</b>	<b>-15.6</b>
Germany, Federal Republic of	-	-	234.51	617.50	234.51	163.3
Italy	280.07	-	263.70	283.18	259.13	9.3
Poland	-	101.61	-	101.61	-	-
Russia	-	-	-	-	94.21	-
United Kingdom	775.00	-	1,000.00	773.08	833.18	-7.2
<b>Asia Total</b>	<b>510.64</b>	<b>776.47</b>	<b>337.95</b>	<b>584.14</b>	<b>323.95</b>	<b>80.3</b>
China	631.29	731.05	-	682.76	29.24	NM
Indonesia	1,278.09	986.00	798.39	1,077.29	881.05	22.3
Japan	316.96	-	317.87	316.96	317.52	-0.2
<b>Africa Total</b>	<b>330.34</b>	<b>323.33</b>	-	<b>326.89</b>	-	-
South Africa	330.34	323.33	-	326.89	-	-
<b>U.S. Total</b>	<b>345.06</b>	<b>135.95</b>	<b>138.66</b>	<b>171.19</b>	<b>136.06</b>	<b>25.8</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.'

## Receipts and Prices

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

(thousand short tons)

Census Division	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	1,367	1,283	1,009	3,835	3,065	25.1
East North Central	2,436	2,589	2,334	7,032	6,559	7.2
South Atlantic	436	385	399	1,228	1,213	1.2
East South Central	306	311	289	957	949	0.9
<b>U.S. Total</b>	<b>4,545</b>	<b>4,568</b>	<b>4,031</b>	<b>13,052</b>	<b>11,785</b>	<b>10.7</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 Industrial, Commercial &amp; Institutional Coal Users.' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	w	w	w	w	w	w
East North Central	138.73	129.44	98.76	133.09	104.70	27.1
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
<b>U.S. Total</b>	<b>126.59</b>	<b>121.70</b>	<b>98.39</b>	<b>123.21</b>	<b>102.40</b>	<b>20.3</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 Industrial, Commercial &amp; Institutional Coal Users.' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Coke</b>						
Sales	1,620	1,507	1,493	4,516	4,270	5.8
Average Price	274.05	280.67	284.99	286.18	293.45	-2.5
<b>Breeze</b>						
Sales	178	104	110	379	268	41.4
Average Price	69.91	72.99	77.36	73.86	79.18	-6.7

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 Industrial, Commercial &amp; Institutional Coal Users.' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>New England</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>16</b>	<b>14</b>	<b>19.5</b>
Maine	4	3	5	13	12	14.1
Massachusetts	1	1	s	3	2	49.3
<b>Middle Atlantic</b>	<b>246</b>	<b>308</b>	<b>381</b>	<b>853</b>	<b>1,244</b>	<b>-31.4</b>
New York	64	89	88	236	303	-22.4
Pennsylvania	182	219	293	617	940	-34.3
<b>East North Central</b>	<b>1,723</b>	<b>1,778</b>	<b>1,795</b>	<b>5,104</b>	<b>5,091</b>	<b>0.2</b>
Illinois	654	658	636	1,983	1,867	6.2
Indiana	472	572	690	1,499	1,650	-9.1
Michigan	214	167	133	525	425	23.6
Ohio	140	147	151	411	564	-27.0
Wisconsin	242	235	185	685	586	17.0
<b>West North Central</b>	<b>3,535</b>	<b>2,959</b>	<b>2,726</b>	<b>9,655</b>	<b>8,743</b>	<b>10.4</b>
Iowa	613	616	672	1,832	1,826	0.3
Kansas	28	28	37	80	86	-6.3
Minnesota	607	227	132	1,200	637	88.3
Missouri	313	197	209	702	548	28.0
Nebraska	285	281	301	852	784	8.7
North Dakota	1,623	1,548	1,334	4,801	4,733	1.5
South Dakota	66	63	41	187	128	45.5
<b>South Atlantic</b>	<b>751</b>	<b>763</b>	<b>813</b>	<b>2,254</b>	<b>2,613</b>	<b>-13.8</b>
Delaware	-	-	29	-	87	-
Florida	152	165	130	437	420	4.1
Georgia	82	67	80	239	267	-10.5
Maryland	145	148	146	415	402	3.3
North Carolina	100	121	124	350	388	-9.8
South Carolina	55	64	65	188	222	-15.1
Virginia	123	105	136	360	453	-20.7
West Virginia	94	93	102	265	374	-29.3
<b>East South Central</b>	<b>835</b>	<b>832</b>	<b>938</b>	<b>2,544</b>	<b>2,946</b>	<b>-13.7</b>
Alabama	231	241	245	695	853	-18.5
Kentucky	192	214	216	639	580	10.1
Tennessee	412	376	477	1,210	1,513	-20.0
<b>West South Central</b>	<b>414</b>	<b>346</b>	<b>418</b>	<b>1,142</b>	<b>1,179</b>	<b>-3.1</b>
Arkansas	41	43	40	146	139	5.4
Louisiana	67	48	76	177	210	-15.6
Oklahoma	108	114	121	344	354	-2.7
Texas	197	140	182	475	477	-0.3
<b>Mountain</b>	<b>878</b>	<b>827</b>	<b>945</b>	<b>2,436</b>	<b>2,517</b>	<b>-3.2</b>
Arizona	44	52	49	145	151	-4.3
Colorado	55	71	84	187	204	-8.1
Idaho	31	25	23	73	78	-6.6
Montana	51	47	47	166	152	9.4
Nevada	81	60	84	200	201	-0.7
New Mexico	15	21	19	51	55	-7.9
Utah	180	140	225	392	481	-18.5
Wyoming	422	412	413	1,221	1,194	2.3
<b>Pacific</b>	<b>414</b>	<b>372</b>	<b>367</b>	<b>1,132</b>	<b>1,071</b>	<b>5.7</b>
Alaska	s	s	s	1	1	s
California	389	351	340	1,060	970	9.4
Oregon	10	-	8	10	29	-66.5
Washington	16	21	20	61	71	-14.2
<b>U.S. Total</b>	<b>8,802</b>	<b>8,188</b>	<b>8,388</b>	<b>25,137</b>	<b>25,418</b>	<b>-1.1</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 Industrial, Commercial &amp; Institutional Coal Users' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<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>85.47</b>	<b>76.66</b>	<b>83.46</b>	<b>79.02</b>	<b>81.14</b>	<b>-2.6</b>
New York	132.49	85.04	w	98.50	102.71	-4.1
Pennsylvania	68.77	73.20	w	71.50	74.11	-3.5
<b>East North Central</b>	<b>71.50</b>	<b>72.83</b>	<b>70.45</b>	<b>71.04</b>	<b>69.13</b>	<b>2.8</b>
Illinois	45.14	45.25	45.42	44.07	45.81	-3.8
Indiana	88.84	90.73	87.07	90.32	85.23	6.0
Michigan	81.65	84.96	75.35	81.83	79.09	3.5
Ohio	102.60	99.34	89.01	101.82	82.20	23.9
Wisconsin	81.92	81.34	75.82	80.19	78.32	2.4
<b>West North Central</b>	<b>30.90</b>	<b>34.38</b>	<b>35.72</b>	<b>33.50</b>	<b>35.51</b>	<b>-5.7</b>
Iowa	42.01	42.48	42.55	43.10	43.13	-0.1
Kansas	w	w	w	w	w	w
Minnesota	44.91	47.39	53.88	46.57	52.00	-10.4
Missouri	44.22	49.95	56.25	48.84	58.72	-16.8
Nebraska	30.73	24.12	28.88	28.00	29.21	-4.1
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
<b>South Atlantic</b>	<b>94.78</b>	<b>89.65</b>	<b>91.57</b>	<b>92.83</b>	<b>90.62</b>	<b>2.4</b>
Delaware	-	-	w	-	w	-
Florida	w	w	92.52	w	w	w
Georgia	90.67	90.53	100.76	92.48	98.29	-5.9
Maryland	w	w	w	w	w	w
North Carolina	94.44	93.19	93.64	93.38	98.48	-5.2
South Carolina	100.10	96.17	87.30	96.99	93.76	3.4
Virginia	93.08	89.94	93.63	92.94	84.37	10.2
West Virginia	153.56	155.42	135.67	154.75	121.13	27.8
<b>East South Central</b>	<b>86.99</b>	<b>88.62</b>	<b>86.07</b>	<b>88.13</b>	<b>88.97</b>	<b>-0.9</b>
Alabama	93.88	94.92	84.28	93.45	90.11	3.7
Kentucky	84.97	88.15	86.12	89.91	92.28	-2.6
Tennessee	84.14	84.91	86.94	84.19	87.06	-3.3
<b>West South Central</b>	<b>64.32</b>	<b>66.62</b>	<b>68.76</b>	<b>64.34</b>	<b>67.17</b>	<b>-4.2</b>
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	75.48	75.35	81.62	73.11	84.19	-13.2
<b>Mountain</b>	<b>55.16</b>	<b>51.98</b>	<b>54.85</b>	<b>52.51</b>	<b>53.36</b>	<b>-1.6</b>
Arizona	w	w	w	w	w	w
Colorado	w	52.11	83.97	w	w	w
Idaho	126.99	w	w	w	w	w
Montana	44.36	49.65	49.81	39.89	44.57	-10.5
Nevada	71.08	64.23	69.17	68.96	69.86	-1.3
New Mexico	w	w	w	w	w	w
Utah	52.86	53.44	49.31	53.01	49.62	6.8
Wyoming	43.09	44.19	42.87	43.90	42.15	4.2
<b>Pacific</b>	<b>91.91</b>	<b>84.50</b>	<b>77.39</b>	<b>87.40</b>	<b>78.75</b>	<b>11.0</b>
California	92.87	w	77.45	w	w	w
Oregon	w	-	w	w	w	w
Washington	w	w	w	w	w	w
<b>U.S. Total</b>	<b>58.00</b>	<b>60.40</b>	<b>62.00</b>	<b>59.19</b>	<b>61.40</b>	<b>-3.6</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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(thousand short tons)

NAICS Code		July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
					2017	2016	
311	Food Manufacturing	2,178	1,871	1,884	6,146	5,766	6.6
312	Beverage and Tobacco Product Mfg.	3	7	3	19	25	-23.4
313	Textile Mills	17	22	15	77	72	7.5
322	Paper Manufacturing	700	730	828	2,258	2,823	-20.0
324	Petroleum and Coal Products*	1,527	1,454	1,314	4,576	4,592	-0.4
325	Chemical Manufacturing	972	864	1,216	2,804	3,857	-27.3
327	Nonmetallic Mineral Products Mfg.	2,401	2,261	2,190	6,411	5,882	9.0
331	Primary Metal Manufacturing**	632	602	684	1,727	1,661	4.0
333	Machinery Manufacturing	5	4	16	14	74	-80.5
339	Miscellaneous Manufacturing	365	375	236	1,105	668	65.5
<b>U.S. Total</b>		<b>8,802</b>	<b>8,188</b>	<b>8,388</b>	<b>25,137</b>	<b>25,418</b>	<b>-1.1</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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(dollars per short ton)

NAICS Code		July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
					2017	2016	
311	Food Manufacturing	43.87	42.18	45.24	43.10	46.39	-7.1
312	Beverage and Tobacco Product Mfg.	w	w	w	w	108.69	w
313	Textile Mills	114.72	111.10	116.58	109.34	109.92	-0.5
322	Paper Manufacturing	79.06	80.78	77.20	79.07	77.41	2.1
324	Petroleum and Coal Products*	w	w	w	w	w	w
325	Chemical Manufacturing	69.16	74.54	72.33	73.24	73.11	0.2
327	Nonmetallic Mineral Products Mfg.	74.19	71.36	72.85	73.13	74.07	-1.3
331	Primary Metal Manufacturing**	105.17	114.65	99.99	110.40	103.73	6.4
333	Machinery Manufacturing	w	w	w	w	w	w
339	Miscellaneous Manufacturing	53.43	49.92	64.03	52.92	65.41	-19.1
<b>U.S. Total</b>		<b>58.00</b>	<b>60.40</b>	<b>62.00</b>	<b>59.19</b>	<b>61.40</b>	<b>-3.6</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 Industrial, Commercial &amp; Institutional Coal Users.'



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

(thousand short tons)

Census Division and State	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Middle Atlantic</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>19</b>	<b>28</b>	<b>-32.4</b>
Pennsylvania	1	4	1	19	28	-32.4
<b>East North Central</b>	<b>33</b>	<b>27</b>	<b>38</b>	<b>117</b>	<b>165</b>	<b>-29.3</b>
Illinois	20	22	20	74	79	-6.3
Indiana	13	5	17	29	45	-36.3
Ohio	-	-	1	-	26	-
Wisconsin	-	-	-	14	15	-8.5
<b>West North Central</b>	<b>27</b>	<b>32</b>	<b>47</b>	<b>142</b>	<b>174</b>	<b>-18.2</b>
Iowa	24	30	31	90	100	-10.1
Minnesota	s	s	s	6	7	-15.4
Missouri	3	1	11	18	30	-39.8
North Dakota	-	1	5	28	37	-23.4
<b>South Atlantic</b>	<b>32</b>	<b>20</b>	<b>38</b>	<b>90</b>	<b>111</b>	<b>-19.6</b>
District of Columbia	-	2	-	2	2	-0.1
North Carolina	26	18	27	72	81	-11.0
Virginia	6	s	11	16	29	-45.3
<b>East South Central</b>	<b>3</b>	<b>3</b>	<b>s</b>	<b>9</b>	<b>14</b>	<b>-36.8</b>
Kentucky	3	3	s	9	14	-36.8
<b>Mountain</b>	<b>1</b>	<b>2</b>	<b>s</b>	<b>9</b>	<b>4</b>	<b>123.2</b>
Colorado	-	-	-	s	-	-
Montana	s	s	s	1	s	126.1
Wyoming	1	2	-	8	4	118.7
<b>Pacific</b>	<b>111</b>	<b>107</b>	<b>113</b>	<b>362</b>	<b>354</b>	<b>2.3</b>
Alaska	111	107	113	362	354	2.3
<b>U.S. Total</b>	<b>209</b>	<b>195</b>	<b>238</b>	<b>747</b>	<b>850</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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(dollars per short ton)

Census Division and State	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Middle Atlantic</b>	<b>w</b>	<b>124.78</b>	<b>w</b>	<b>w</b>	<b>117.01</b>	<b>w</b>
Pennsylvania	w	124.78	w	w	117.01	w
<b>East North Central</b>	<b>52.85</b>	<b>53.35</b>	<b>58.53</b>	<b>66.54</b>	<b>75.78</b>	<b>-12.2</b>
Illinois	w	w	48.29	w	w	w
Indiana	w	w	w	w	w	w
Ohio	-	-	w	-	w	-
Wisconsin	-	-	-	154.44	154.34	0.1
<b>West North Central</b>	<b>84.46</b>	<b>78.24</b>	<b>69.21</b>	<b>77.91</b>	<b>73.15</b>	<b>6.5</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	w	w	w
<b>South Atlantic</b>	<b>113.67</b>	<b>108.42</b>	<b>101.94</b>	<b>107.09</b>	<b>102.26</b>	<b>4.7</b>
District of Columbia	-	w	-	w	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
<b>Mountain</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Colorado	-	-	-	90.84	-	-
Montana	w	w	w	w	w	w
Wyoming	w	w	-	w	w	w
<b>Pacific</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alaska	w	w	w	w	w	w
<b>U.S. Total</b>	<b>81.16</b>	<b>81.16</b>	<b>77.64</b>	<b>82.37</b>	<b>81.65</b>	<b>0.9</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 Industrial, Commercial &amp; Institutional Coal Users.'

# Consumption

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**Table 32. U.S. Coal Consumption by End-Use Sector, 2011 - 2017**

(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>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	152,744	4,124	3,954	5,177	9,131	225	224	448	166,448
April - June	147,491	4,096	3,496	4,986	8,482	128	81	209	160,278
July - September	210,512	4,163	3,771	4,713	8,483	145	55	200	223,358
October - December	167,807	4,102	3,499	5,253	8,752	185	141	326	180,987
<b>Total</b>	<b>678,554</b>	<b>16,485</b>	<b>14,720</b>	<b>20,129</b>	<b>34,849</b>	<b>683</b>	<b>500</b>	<b>1,183</b>	<b>731,071</b>
<b>2017</b>									
January - March	160,333	4,236	3,545	4,970	8,515	178	195	373	173,456
April - June	154,066	4,325	3,260	4,859	8,119	126	73	199	166,708
July - September	190,711	4,491	3,142	5,455	8,597	149	46	195	203,994
<b>Total</b>	<b>505,109</b>	<b>13,052</b>	<b>9,947</b>	<b>15,284</b>	<b>25,231</b>	<b>453</b>	<b>314</b>	<b>767</b>	<b>544,159</b>
<b>2016 January - September</b>	<b>510,747</b>	<b>12,382</b>	<b>11,221</b>	<b>14,876</b>	<b>26,097</b>	<b>498</b>	<b>359</b>	<b>857</b>	<b>550,083</b>
<b>2015 January - September</b>	<b>585,843</b>	<b>15,174</b>	<b>13,013</b>	<b>15,964</b>	<b>28,977</b>	<b>615</b>	<b>532</b>	<b>1,147</b>	<b>631,141</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 Industrial, Commercial & Institutional Coal Users.' \*Other Industrial: Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users,' 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 Industrial, Commercial & Institutional Coal Users.' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	1,367	1,297	1,162	3,967	3,520	12.7
East North Central	2,400	2,312	2,284	6,932	6,737	2.9
South Atlantic	400	394	403	1,182	1,197	-1.2
East South Central	324	322	314	970	928	4.6
<b>U.S. Total</b>	<b>4,491</b>	<b>4,325</b>	<b>4,163</b>	<b>13,052</b>	<b>12,382</b>	<b>5.4</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 Industrial, Commercial & Institutional Coal Users.' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>New England</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>16</b>	<b>14</b>	<b>12.3</b>
Maine	4	4	4	13	12	12.9
Massachusetts	1	1	1	3	3	9.4
<b>Middle Atlantic</b>	<b>290</b>	<b>310</b>	<b>403</b>	<b>908</b>	<b>1,282</b>	<b>-29.2</b>
New York	115	94	89	299	320	-6.7
Pennsylvania	175	216	314	609	962	-36.7
<b>East North Central</b>	<b>1,705</b>	<b>1,738</b>	<b>1,777</b>	<b>5,175</b>	<b>5,334</b>	<b>-3.0</b>
Illinois	679	666	652	2,018	1,892	6.7
Indiana	504	540	604	1,540	1,656	-7.0
Michigan	189	163	164	522	567	-8.0
Ohio	145	145	156	415	571	-27.3
Wisconsin	189	225	200	680	647	5.0
<b>West North Central</b>	<b>3,349</b>	<b>2,902</b>	<b>2,734</b>	<b>9,538</b>	<b>8,848</b>	<b>7.8</b>
Iowa	571	602	663	1,791	1,856	-3.5
Kansas	30	27	24	79	71	10.5
Minnesota	537	232	193	1,188	760	56.4
Missouri	303	193	203	697	529	31.8
Nebraska	291	261	293	846	805	5.1
North Dakota	1,561	1,535	1,298	4,775	4,667	2.3
South Dakota	57	51	60	162	159	1.8
<b>South Atlantic</b>	<b>733</b>	<b>782</b>	<b>850</b>	<b>2,273</b>	<b>2,733</b>	<b>-16.8</b>
Delaware	-	-	29	-	87	-
Florida	138	167	137	439	378	16.0
Georgia	73	84	103	246	339	-27.4
Maryland	150	139	142	412	397	3.6
North Carolina	94	115	127	346	393	-12.0
South Carolina	64	67	64	196	233	-16.0
Virginia	120	113	130	375	461	-18.6
West Virginia	93	97	117	260	444	-41.5
<b>East South Central</b>	<b>835</b>	<b>858</b>	<b>970</b>	<b>2,552</b>	<b>2,958</b>	<b>-13.7</b>
Alabama	233	238	273	703	863	-18.6
Kentucky	200	225	219	643	576	11.6
Tennessee	401	395	478	1,207	1,519	-20.5
<b>West South Central</b>	<b>405</b>	<b>380</b>	<b>473</b>	<b>1,183</b>	<b>1,325</b>	<b>-10.7</b>
Arkansas	48	49	50	147	151	-2.5
Louisiana	72	46	79	184	211	-12.7
Oklahoma	113	118	161	362	446	-18.7
Texas	172	167	183	489	517	-5.3
<b>Mountain</b>	<b>869</b>	<b>760</b>	<b>888</b>	<b>2,438</b>	<b>2,499</b>	<b>-2.5</b>
Arizona	67	44	50	166	138	19.8
Colorado	81	83	69	225	218	3.3
Idaho	24	13	28	78	73	7.8
Montana	43	30	34	161	151	6.3
Nevada	66	58	76	194	210	-7.6
New Mexico	17	20	19	53	55	-2.8
Utah	166	132	213	382	464	-17.6
Wyoming	405	379	398	1,179	1,191	-1.0
<b>Pacific</b>	<b>406</b>	<b>384</b>	<b>383</b>	<b>1,148</b>	<b>1,104</b>	<b>3.9</b>
Alaska	s	s	s	1	1	s
California	376	360	359	1,074	1,023	5.0
Hawaii	-	-	3	-	7	-
Oregon	14	-	-	14	-	-
Washington	16	24	21	59	74	-20.5
<b>U.S. Total</b>	<b>8,597</b>	<b>8,119</b>	<b>8,483</b>	<b>25,231</b>	<b>26,097</b>	<b>-3.3</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 Industrial, Commercial &amp; Institutional Coal Users' 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	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
311 Food Manufacturing	2,131	1,851	1,876	6,152	5,808	5.9
312 Beverage and Tobacco Product Mfg.	3	8	2	19	24	-19.9
313 Textile Mills	16	24	16	76	72	5.9
322 Paper Manufacturing	673	717	930	2,248	3,051	-26.3
324 Petroleum and Coal Products*	1,505	1,459	1,299	4,551	4,556	-0.1
325 Chemical Manufacturing	975	878	1,255	2,825	4,001	-29.4
327 Nonmetallic Mineral Products Mfg.	2,298	2,268	2,152	6,469	6,091	6.2
331 Primary Metal Manufacturing**	619	561	679	1,777	1,745	1.9
332 Fabricated Metal Product Mfg.	-	-	-	-	4	-
333 Machinery Manufacturing	6	7	27	18	63	-70.8
336 Transportation Equipment Mfg.	-	s	-	2	2	-13.2
339 Miscellaneous Manufacturing	370	346	247	1,093	680	60.7
<b>U.S. Total</b>	<b>8,597</b>	<b>8,119</b>	<b>8,483</b>	<b>25,231</b>	<b>26,097</b>	<b>-3.3</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = 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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(thousand short tons)

Census Division and State	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Middle Atlantic</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>18</b>	<b>30</b>	<b>-38.5</b>
Pennsylvania	1	3	2	18	30	-38.5
<b>East North Central</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>133</b>	<b>199</b>	<b>-33.2</b>
Illinois	22	28	21	80	78	2.3
Indiana	16	9	16	38	54	-29.7
Michigan	-	-	-	-	14	-
Ohio	-	-	2	1	37	-97.8
Wisconsin	-	-	-	15	17	-8.7
<b>West North Central</b>	<b>37</b>	<b>34</b>	<b>44</b>	<b>155</b>	<b>175</b>	<b>-11.1</b>
Iowa	33	27	31	96	101	-5.0
Minnesota	s	s	s	5	7	-23.4
Missouri	3	1	9	19	29	-34.4
North Dakota	s	5	5	35	37	-7.0
<b>South Atlantic</b>	<b>22</b>	<b>25</b>	<b>27</b>	<b>103</b>	<b>112</b>	<b>-7.5</b>
District of Columbia	-	-	-	1	1	-8.3
North Carolina	21	19	26	76	88	-13.1
Virginia	1	6	1	26	23	14.6
<b>East South Central</b>	<b>2</b>	<b>4</b>	<b>-</b>	<b>12</b>	<b>11</b>	<b>6.6</b>
Kentucky	2	4	-	12	11	6.6
<b>Mountain</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>9</b>	<b>4</b>	<b>111.8</b>
Colorado	s	-	-	s	s	-7.1
Montana	-	-	-	1	s	158.3
Wyoming	1	2	-	8	4	118.7
<b>Pacific</b>	<b>95</b>	<b>93</b>	<b>89</b>	<b>335</b>	<b>326</b>	<b>2.9</b>
Alaska	95	93	89	335	326	2.9
<b>U.S. Total</b>	<b>195</b>	<b>199</b>	<b>200</b>	<b>767</b>	<b>857</b>	<b>-10.5</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 Industrial, Commercial &amp; Institutional Coal Users.'



## Stocks

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**Table 37. U.S. Coal Stocks, 2011 - 2017**

(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>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	191,553	1,914	3,956	332	197,755	35,207	232,962
June 30	182,086	1,802	3,834	337	188,060	32,932	220,992
September 30	156,567	1,660	3,720	370	162,318	27,282	189,600
December 31	162,009	1,675	3,637	360	167,681	25,309	192,990
<b>2017</b>							
March 31	161,691	1,388	3,235	334	166,647	25,190*	191,837
June 30	157,717	1,626	3,291	328	162,962	23,430*	186,392
September 30	139,531	1,670	3,487	337	145,025	21,984*	167,009

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 Industrial, Commercial & Institutional Coal Users.' \*Other Industrial and Commercial and Institutional Users: Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.' \*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>September 30, 2017</b>	<b>June 30, 2017</b>	<b>September 30, 2016</b>	<b>Percent Change (September 30) 2017 versus 2016</b>
Middle Atlantic	196	188	358	-45.1
East North Central	1,128	1,074	955	18.1
South Atlantic	153	137	128	20.0
East South Central	192	227	219	-12.5
<b>U.S. Total</b>	<b>1,670</b>	<b>1,626</b>	<b>1,660</b>	<b>0.6</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 Industrial, Commercial &amp; Institutional Coal Users.' 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	September 30, 2017	June 30, 2017	September 30, 2016	Percent Change (September 30) 2017 versus 2016
<b>New England</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>2.8</b>
Maine	1	1	1	-3.2
Massachusetts	4	4	4	4.3
<b>Middle Atlantic</b>	<b>241</b>	<b>287</b>	<b>300</b>	<b>-19.6</b>
New York	83	134	122	-31.9
Pennsylvania	158	153	177	-11.1
<b>East North Central</b>	<b>741</b>	<b>719</b>	<b>741</b>	<b>-0.1</b>
Illinois	109	133	110	-0.6
Indiana	235	267	292	-19.3
Michigan	235	209	208	12.9
Ohio	24	29	29	-15.3
Wisconsin	138	81	104	32.9
<b>West North Central</b>	<b>806</b>	<b>620</b>	<b>795</b>	<b>1.3</b>
Iowa	168	126	159	5.9
Kansas	44	46	52	-15.2
Minnesota	169	99	147	15.1
Missouri	73	65	87	-15.7
Nebraska	72	78	83	-12.8
North Dakota	240	177	237	0.9
South Dakota	39	30	30	29.8
<b>South Atlantic</b>	<b>341</b>	<b>319</b>	<b>410</b>	<b>-16.9</b>
Delaware	-	-	4	-100.0
Florida	49	36	86	-42.4
Georgia	69	62	73	-5.7
Maryland	13	22	21	-39.5
North Carolina	30	24	24	27.3
South Carolina	60	69	91	-34.4
Virginia	66	55	72	-8.0
West Virginia	53	51	39	36.1
<b>East South Central</b>	<b>212</b>	<b>222</b>	<b>237</b>	<b>-10.8</b>
Alabama	88	101	89	-1.5
Kentucky	24	32	25	-5.7
Tennessee	100	89	123	-18.6
<b>West South Central</b>	<b>412</b>	<b>404</b>	<b>442</b>	<b>-6.7</b>
Arkansas	36	42	31	16.6
Louisiana	4	9	7	-46.1
Oklahoma	123	116	121	0.9
Texas	251	237	283	-11.6
<b>Mountain</b>	<b>557</b>	<b>552</b>	<b>588</b>	<b>-5.3</b>
Arizona	31	54	54	-43.0
Colorado	17	43	40	-58.9
Idaho	282	270	288	-2.2
Montana	49	41	38	26.8
Nevada	28	19	25	11.2
New Mexico	1	4	2	-21.2
Utah	53	42	55	-2.6
Wyoming	97	79	86	12.4
<b>Pacific</b>	<b>172</b>	<b>164</b>	<b>201</b>	<b>-14.3</b>
California	138	125	153	-10.2
Hawaii	-	-	11	-100.0
Oregon	30	34	33	-8.3
Washington	5	5	4	14.4
<b>U.S. Total</b>	<b>3,487</b>	<b>3,291</b>	<b>3,720</b>	<b>-6.3</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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(thousand short tons)

NAICS Code	September 30, 2017	June 30, 2017	September 30, 2016	Percent Change (September 30) 2017 versus 2016
311 Food Manufacturing	758	710	775	-2.2
312 Beverage and Tobacco Product Mfg.	3	3	3	-3.2
313 Textile Mills	14	14	15	-2.4
322 Paper Manufacturing	387	339	371	4.5
324 Petroleum and Coal Products*	193	175	203	-4.6
325 Chemical Manufacturing	326	313	383	-14.7
327 Nonmetallic Mineral Products Mfg.	1,345	1,279	1,524	-11.7
331 Primary Metal Manufacturing**	319	307	342	-6.7
333 Machinery Manufacturing	28	34	27	4.0
336 Transportation Equipment Mfg.	4	4	6	-37.1
339 Miscellaneous Manufacturing	109	113	73	49.4
<b>U.S. Total</b>	<b>3,487</b>	<b>3,291</b>	<b>3,720</b>	<b>-6.3</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 Industrial, Commercial &amp; Institutional Coal Users.'

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

(thousand short tons)

Census Division	September 30, 2017	June 30, 2017	September 30, 2016	Percent Change (September 30) 2017 versus 2016
Middle Atlantic	83	58	86	-3.0
East North Central	386	374	553	-30.3
South Atlantic	93	93	86	7.8
East South Central	93	90	124	-25.3
<b>U.S. Total</b>	<b>654</b>	<b>616</b>	<b>849</b>	<b>-22.9</b>
<b>Coke Total</b>	<b>465</b>	<b>414</b>	<b>656</b>	<b>-29.1</b>
<b>Breeze Total</b>	<b>190</b>	<b>202</b>	<b>193</b>	<b>-2.0</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 Industrial, Commercial &amp; Institutional Coal Users.' 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	September 30, 2017	June 30, 2017	September 30, 2016	Percent Change (September 30) 2017 versus 2016
<b>Middle Atlantic</b>	<b>40</b>	<b>40</b>	<b>45</b>	<b>-11.5</b>
Pennsylvania	40	40	45	-11.5
<b>East North Central</b>	<b>48</b>	<b>49</b>	<b>55</b>	<b>-12.9</b>
Illinois	16	14	14	13.6
Indiana	24	28	32	-24.3
Ohio	5	5	7	-19.5
Wisconsin	2	2	2	3.0
<b>West North Central</b>	<b>49</b>	<b>59</b>	<b>62</b>	<b>-20.3</b>
Iowa	28	38	35	-19.4
Minnesota	12	12	13	-9.9
Missouri	1	1	1	34.4
North Dakota	8	9	13	-36.4
<b>South Atlantic</b>	<b>49</b>	<b>38</b>	<b>69</b>	<b>-28.3</b>
District of Columbia	4	4	4	17.4
North Carolina	29	24	37	-21.9
South Carolina	-	-	s	-100.0
Virginia	16	10	28	-42.3
<b>East South Central</b>	<b>9</b>	<b>8</b>	<b>13</b>	<b>-34.7</b>
Kentucky	9	8	13	-33.5
Tennessee	-	-	s	-100.0
<b>Mountain</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>-22.3</b>
Colorado	s	1	s	11.6
Montana	2	2	3	-24.8
Wyoming	s	s	s	s
<b>Pacific</b>	<b>140</b>	<b>132</b>	<b>124</b>	<b>13.0</b>
Alaska	140	132	124	13.0
<b>U.S. Total</b>	<b>337</b>	<b>328</b>	<b>370</b>	<b>-9.0</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 Industrial, Commercial &amp; Institutional Coal Users.'

## 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>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>New England</b>						
Btu	12,660	12,610	12,633	12,604	12,634	-0.2
Sulfur	0.75	0.80	0.81	0.80	0.84	-4.1
Ash	7.81	7.76	8.33	8.22	8.35	-1.5
<b>Maine</b>						
Btu	12,714	12,714	12,619	12,674	12,619	0.4
Sulfur	0.67	0.67	0.79	0.72	0.79	-8.8
Ash	7.11	7.11	8.31	7.61	8.31	-8.4
<b>Massachusetts</b>						
Btu	12,339	12,209	12,818	12,305	12,717	-3.2
Sulfur	1.19	1.31	1.01	1.14	1.08	5.2
Ash	11.94	10.26	8.60	10.79	8.54	26.4
<b>Middle Atlantic</b>						
Btu	13,852	13,851	13,578	13,827	13,684	1.0
Sulfur	1.12	1.19	1.08	1.14	1.06	7.4
Ash	8.75	8.49	8.94	8.68	8.05	7.9
<b>New York</b>						
Btu	13,593	13,393	13,471	13,422	13,487	-0.5
Sulfur	1.71	1.76	1.18	1.64	1.38	19.0
Ash	7.02	7.31	6.88	7.20	6.94	3.7
<b>Pennsylvania</b>						
Btu	13,867	13,885	13,587	13,856	13,703	1.1
Sulfur	1.09	1.15	1.07	1.10	1.03	7.1
Ash	8.84	8.58	9.13	8.79	8.15	7.8
<b>East North Central</b>						
Btu	13,270	13,193	13,155	13,184	13,139	0.3
Sulfur	1.95	1.16	1.15	1.44	1.22	17.6
Ash	6.55	7.38	7.32	7.06	7.28	-3.1
<b>Illinois</b>						
Btu	11,528	11,369	11,533	11,432	11,554	-1.1
Sulfur	2.13	2.23	2.04	2.15	2.19	-2.1
Ash	7.57	7.61	7.59	7.54	7.77	-2.9
<b>Indiana</b>						
Btu	13,936	13,931	13,867	13,967	13,938	0.2
Sulfur	0.88	0.89	0.91	0.88	0.90	-3.1
Ash	7.45	7.53	7.37	7.40	7.16	3.3
<b>Michigan</b>						
Btu	13,833	13,013	12,925	13,360	12,771	4.6
Sulfur	5.15	0.76	0.71	3.01	0.71	321.6
Ash	2.54	6.80	6.76	4.84	6.63	-27.0
<b>Ohio</b>						
Btu	14,104	14,135	14,068	14,094	13,915	1.3
Sulfur	1.03	0.98	1.04	0.99	1.10	-10.1
Ash	7.31	7.31	7.34	7.29	7.37	-1.2
<b>Wisconsin</b>						
Btu	11,237	10,729	10,501	10,798	10,585	2.0
Sulfur	0.82	0.75	0.73	0.78	0.81	-3.0
Ash	7.06	7.00	6.92	6.75	6.69	0.8
<b>West North Central</b>						
Btu	8,483	8,331	8,358	8,360	8,242	1.4
Sulfur	0.89	0.89	0.89	0.87	0.90	-2.7
Ash	6.33	6.31	6.17	6.26	6.19	1.1
<b>Iowa</b>						
Btu	9,332	9,365	9,155	9,285	9,140	1.6
Sulfur	0.96	0.94	0.84	0.89	0.85	4.8
Ash	6.32	5.49	5.35	5.63	5.26	7.0
<b>Kansas</b>						
Btu	10,986	10,964	11,182	10,893	10,943	-0.5
Sulfur	1.65	1.75	2.76	1.74	2.08	-16.4
Ash	11.05	9.78	12.37	10.21	11.65	-12.4



Census Division and State <sup>1</sup>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Minnesota</b>						
Btu	9,232	9,037	9,278	9,203	9,307	-1.1
Sulfur	0.33	0.32	0.35	0.33	0.35	-6.3
Ash	4.43	4.60	4.32	4.49	4.20	6.7
<b>Missouri</b>						
Btu	11,269	11,152	11,282	11,220	11,275	-0.5
Sulfur	2.52	2.18	2.20	2.29	2.15	6.7
Ash	8.97	9.07	8.47	8.92	8.44	5.7
<b>Nebraska</b>						
Btu	9,091	9,113	9,064	8,999	9,020	-0.2
Sulfur	0.24	0.25	0.25	0.24	0.24	-0.9
Ash	4.99	4.76	5.03	4.79	4.89	-2.2
<b>North Dakota</b>						
Btu	7,197	7,266	7,218	7,222	7,231	-0.1
Sulfur	0.88	0.91	0.90	0.90	0.94	-4.5
Ash	6.66	6.75	6.62	6.73	6.70	0.4
<b>South Dakota</b>						
Btu	8,399	8,384	8,259	8,392	8,203	2.3
Sulfur	0.59	0.59	0.40	0.59	0.47	25.1
Ash	6.70	6.62	5.19	6.64	5.68	16.8
<b>South Atlantic</b>						
Btu	13,369	13,308	13,257	13,370	13,271	0.7
Sulfur	1.23	1.17	1.19	1.17	1.17	-0.7
Ash	9.79	9.94	9.58	9.65	9.14	5.6
<b>Delaware</b>						
Btu	-	-	10,966	-	11,367	-
Sulfur	-	-	2.27	-	2.31	-
Ash	-	-	7.75	-	7.60	-
<b>Florida</b>						
Btu	12,617	12,625	13,095	12,648	13,110	-3.5
Sulfur	1.62	1.39	1.23	1.38	1.12	23.6
Ash	9.94	8.99	7.22	9.09	6.33	43.6
<b>Georgia</b>						
Btu	12,287	12,374	12,920	12,402	12,925	-4.0
Sulfur	0.97	1.03	0.95	0.98	0.98	s
Ash	11.61	10.41	8.64	10.73	8.69	23.5
<b>Maryland</b>						
Btu	10,996	10,917	10,868	10,930	10,888	0.4
Sulfur	1.84	1.86	1.78	1.85	1.84	0.7
Ash	22.79	23.97	24.37	23.23	23.88	-2.7
<b>North Carolina</b>						
Btu	13,550	13,651	13,226	13,658	13,104	4.2
Sulfur	0.96	0.97	0.94	0.96	0.94	1.3
Ash	7.07	7.07	7.28	6.96	7.19	-3.1
<b>South Carolina</b>						
Btu	13,764	13,371	12,804	13,509	12,998	3.9
Sulfur	2.02	0.89	1.15	1.28	0.91	40.8
Ash	9.55	10.59	9.78	9.91	8.03	23.4
<b>Virginia</b>						
Btu	14,198	14,158	14,061	14,169	14,017	1.1
Sulfur	0.82	0.84	0.96	0.87	1.04	-16.0
Ash	7.07	7.07	7.05	7.10	7.19	-1.2
<b>West Virginia</b>						
Btu	14,089	14,134	14,018	14,127	13,894	1.7
Sulfur	1.31	1.33	1.30	1.26	1.21	3.8
Ash	7.00	7.13	7.70	6.99	7.79	-10.3
<b>East South Central</b>						
Btu	13,588	13,500	13,353	13,530	13,425	0.8
Sulfur	1.22	1.24	1.14	1.20	1.13	6.3
Ash	7.28	7.36	7.86	7.24	7.46	-3.0
<b>Alabama</b>						
Btu	13,861	13,890	13,615	13,889	13,713	1.3
Sulfur	1.05	1.16	0.99	1.06	0.97	8.8
Ash	7.17	7.43	8.22	7.18	7.70	-6.8

Census Division and State <sup>1</sup>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Kentucky</b>						
Btu	13,499	12,966	13,040	13,196	13,146	0.4
Sulfur	1.10	0.97	1.14	1.02	1.12	-9.1
Ash	8.36	7.51	7.48	7.57	7.18	5.4
<b>Tennessee</b>						
Btu	13,277	13,236	13,204	13,221	13,191	0.2
Sulfur	1.48	1.50	1.30	1.49	1.32	13.0
Ash	6.92	7.16	7.63	7.15	7.29	-1.9
<b>West South Central</b>						
Btu	9,610	9,598	9,628	9,597	9,811	-2.2
Sulfur	0.54	0.58	0.65	0.57	0.64	-10.8
Ash	8.36	7.88	8.83	8.05	8.37	-3.7
<b>Arkansas</b>						
Btu	11,791	11,949	12,148	11,946	12,018	-0.6
Sulfur	1.33	1.36	2.00	1.26	1.59	-20.8
Ash	11.65	10.39	11.17	10.26	11.06	-7.2
<b>Louisiana</b>						
Btu	7,940	7,964	7,461	7,739	7,617	1.6
Sulfur	0.60	0.77	0.64	0.68	0.64	4.9
Ash	6.46	7.16	8.98	6.79	7.31	-7.2
<b>Oklahoma</b>						
Btu	9,059	9,428	9,606	9,241	9,528	-3.0
Sulfur	0.25	0.32	0.37	0.28	0.37	-25.8
Ash	4.82	4.64	5.15	4.69	5.23	-10.2
<b>Texas</b>						
Btu	10,025	9,569	9,996	9,824	10,344	-5.0
Sulfur	0.53	0.50	0.54	0.52	0.55	-4.7
Ash	10.26	10.00	10.69	10.28	10.38	-0.9
<b>Mountain</b>						
Btu	10,602	10,431	10,688	10,404	10,586	-1.7
Sulfur	0.53	0.50	0.57	0.51	0.59	-14.1
Ash	7.28	7.49	7.50	7.25	7.23	0.3
<b>Arizona</b>						
Btu	11,598	11,589	11,497	11,614	11,628	-0.1
Sulfur	0.63	0.60	0.62	0.61	0.71	-14.6
Ash	11.51	11.48	12.08	11.28	11.49	-1.8
<b>Colorado</b>						
Btu	11,358	10,818	11,716	10,911	11,440	-4.6
Sulfur	0.57	0.48	0.54	0.49	0.53	-7.0
Ash	8.86	7.86	8.83	8.10	8.48	-4.5
<b>Idaho</b>						
Btu	11,633	11,227	11,595	11,354	11,329	0.2
Sulfur	0.55	0.51	0.53	0.52	0.55	-5.3
Ash	10.57	11.70	12.16	11.07	10.92	1.4
<b>Montana</b>						
Btu	9,510	9,858	9,596	9,204	9,143	0.7
Sulfur	0.37	0.43	0.34	0.38	0.36	7.0
Ash	5.42	5.16	4.78	5.42	4.97	9.0
<b>Nevada</b>						
Btu	11,298	11,092	11,268	11,134	11,312	-1.6
Sulfur	0.49	0.51	0.40	0.49	0.43	15.2
Ash	9.07	8.56	8.87	8.72	9.10	-4.2
<b>New Mexico</b>						
Btu	12,348	12,187	12,245	12,252	12,265	-0.1
Sulfur	0.68	0.69	0.68	0.69	0.70	-1.5
Ash	10.38	10.55	10.21	10.27	10.01	2.6
<b>Utah</b>						
Btu	11,504	11,453	11,365	11,472	11,417	0.5
Sulfur	0.47	0.52	0.50	0.54	0.52	4.4
Ash	11.07	11.69	10.08	11.36	10.44	8.8
<b>Wyoming</b>						
Btu	9,877	9,700	9,897	9,751	9,907	-1.6
Sulfur	0.57	0.48	0.68	0.50	0.67	-25.6
Ash	4.55	5.19	4.92	4.98	4.78	4.0

Census Division and State <sup>1</sup>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Pacific</b>						
Btu	11,410	11,470	11,429	11,382	11,426	-0.4
Sulfur	0.60	0.59	0.59	0.57	0.60	-3.8
Ash	11.49	11.10	10.69	11.26	10.35	8.8
<b>California</b>						
Btu	11,489	11,592	11,543	11,496	11,573	-0.7
Sulfur	0.61	0.61	0.60	0.59	0.62	-4.9
Ash	11.80	11.50	11.07	11.66	10.78	8.1
<b>Oregon</b>						
Btu	11,362	-	11,438	11,362	11,515	-1.3
Sulfur	0.53	-	0.52	0.53	0.53	0.9
Ash	10.59	-	10.66	10.59	10.93	-3.1
<b>Washington</b>						
Btu	9,483	9,412	9,484	9,404	9,387	0.2
Sulfur	0.35	0.34	0.29	0.33	0.33	1.8
Ash	4.44	4.20	4.16	4.37	4.22	3.6
<b>U.S. Total</b>						
Btu	11,760	11,856	11,825	11,752	11,766	-0.1
Sulfur	1.26	1.03	1.01	1.10	1.03	6.5
Ash	7.36	7.63	7.69	7.47	7.44	0.4

<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 Industrial, Commercial & Institutional Coal Users.' 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>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Middle Atlantic</b>						
Btu	14,814	12,964	14,746	13,107	13,075	0.2
Sulfur	1.00	0.77	1.00	0.77	0.86	-10.4
Ash	5.83	8.29	5.47	8.49	8.28	2.5
<b>Pennsylvania</b>						
Btu	14,814	12,964	14,746	13,107	13,075	0.2
Sulfur	1.00	0.77	1.00	0.77	0.86	-10.4
Ash	5.83	8.29	5.47	8.49	8.28	2.5
<b>East North Central</b>						
Btu	11,389	11,286	11,365	11,552	11,822	-2.3
Sulfur	3.01	3.10	3.01	2.73	2.56	6.8
Ash	9.40	10.01	9.33	9.31	8.65	7.6
<b>Illinois</b>						
Btu	11,464	11,180	11,107	11,273	11,236	0.3
Sulfur	3.14	3.26	3.31	3.17	3.23	-1.7
Ash	9.67	10.09	9.70	9.64	9.41	2.4
<b>Indiana</b>						
Btu	11,271	11,724	11,494	11,392	11,347	0.4
Sulfur	2.80	2.43	2.84	2.54	2.94	-13.8
Ash	8.98	9.66	9.23	9.27	9.37	-1.0
<b>Ohio</b>						
Btu	-	-	13,453	-	13,538	-
Sulfur	-	-	0.92	-	0.89	-
Ash	-	-	5.43	-	5.68	-
<b>Wisconsin</b>						
Btu	-	-	-	13,375	13,375	s
Sulfur	-	-	-	0.78	0.78	s
Ash	-	-	-	7.65	7.65	s
<b>West North Central</b>						
Btu	11,401	11,271	11,253	10,739	10,703	0.3
Sulfur	2.67	2.52	2.49	2.19	2.12	3.5
Ash	8.70	8.71	8.62	8.60	8.63	-0.4
<b>Iowa</b>						
Btu	11,410	11,356	11,619	11,387	11,409	-0.2
Sulfur	2.64	2.57	2.57	2.66	2.53	5.1
Ash	8.77	8.74	8.52	8.67	8.62	0.6
<b>Minnesota</b>						
Btu	9,226	9,343	9,222	8,827	8,925	-1.1
Sulfur	0.28	0.22	0.30	0.27	0.22	23.9
Ash	4.13	3.76	4.18	5.78	5.57	3.7
<b>Missouri</b>						
Btu	11,415	11,482	11,366	11,408	11,334	0.7
Sulfur	2.95	3.10	3.12	2.99	2.99	-0.1
Ash	8.31	8.34	8.53	8.45	8.63	-2.1
<b>North Dakota</b>						
Btu	-	8,636	8,700	8,672	8,633	0.5
Sulfur	-	0.63	0.66	0.62	0.67	-7.9
Ash	-	9.48	9.55	9.10	9.28	-2.0
<b>South Atlantic</b>						
Btu	12,983	13,068	13,225	13,069	13,258	-1.4
Sulfur	1.37	1.45	1.41	1.42	1.45	-2.3
Ash	9.15	9.28	10.39	9.17	9.49	-3.4
<b>District of Columbia</b>						
Btu	-	13,156	-	13,156	13,260	-0.8
Sulfur	-	0.58	-	0.58	0.51	13.7
Ash	-	6.85	-	6.85	6.64	3.2
<b>North Carolina</b>						
Btu	13,113	13,045	13,199	13,137	13,282	-1.1
Sulfur	1.50	1.56	1.52	1.58	1.60	-1.3
Ash	9.02	9.60	9.33	9.34	8.57	8.9

Census Division and State <sup>1</sup>	July - September 2017	April - June 2017	July - September 2016	Year to Date		Percent Change
				2017	2016	
<b>Virginia</b>						
Btu	12,456	13,953	13,290	12,746	13,189	-3.4
Sulfur	0.84	0.73	1.12	0.79	1.11	-28.2
Ash	9.67	5.22	13.08	8.69	12.27	-29.2
<b>East South Central</b>						
Btu	12,857	13,209	13,007	13,070	13,247	-1.3
Sulfur	0.77	0.77	0.77	0.77	0.70	10.3
Ash	6.51	5.91	6.46	6.01	5.89	2.1
<b>Kentucky</b>						
Btu	12,857	13,209	13,007	13,070	13,247	-1.3
Sulfur	0.77	0.77	0.77	0.77	0.70	10.3
Ash	6.51	5.91	6.46	6.01	5.89	2.1
<b>Mountain</b>						
Btu	11,623	11,414	12,000	11,343	9,844	15.2
Sulfur	0.47	0.45	0.42	0.45	0.40	13.3
Ash	10.01	10.36	8.66	10.44	6.08	71.9
<b>Colorado</b>						
Btu	-	-	-	11,447	-	-
Sulfur	-	-	-	0.45	-	-
Ash	-	-	-	10.69	-	-
<b>Montana</b>						
Btu	10,500	10,482	12,000	10,454	12,000	-12.9
Sulfur	0.49	0.49	0.42	0.48	0.42	15.0
Ash	7.11	7.11	8.66	7.08	8.66	-18.2
<b>Wyoming</b>						
Btu	11,768	11,536	-	11,465	9,553	20.0
Sulfur	0.47	0.45	-	0.45	0.39	13.0
Ash	10.39	10.79	-	10.91	5.73	90.4
<b>Pacific</b>						
Btu	7,472	7,545	7,490	7,483	7,555	-0.9
Sulfur	0.12	0.11	0.19	0.12	0.15	-22.3
Ash	4.70	4.65	7.46	5.80	6.31	-8.0
<b>Alaska</b>						
Btu	7,472	7,545	7,490	7,483	7,555	-0.9
Sulfur	0.12	0.11	0.19	0.12	0.15	-22.3
Ash	4.70	4.65	7.46	5.80	6.31	-8.0
<b>U.S. Total</b>						
Btu	9,583	9,465	9,815	9,664	10,060	-3.9
Sulfur	1.12	1.08	1.30	1.11	1.23	-9.8
Ash	6.71	6.68	8.45	7.42	7.71	-3.9

1 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 Industrial, Commercial & Institutional Coal Users.'