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Quarterly Coal Report

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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 second quarter 2016 QCR includes detailed quarterly coal data for April – June 2016 and aggregated quarterly historical coal data for 2010 through second quarter 2016.

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

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

(thousand short tons)

Year and Quarter	Production ¹	Imports	Waste Coal Supplied	Producer and Distributor Stocks ²	Consumption	Exports	Consumer Stocks ²	Losses and Unaccounted For ³
2010								
January - March	265,702	4,803	3,288	50,936	264,939	17,807	183,970	-
April - June	264,982	5,058	3,428	51,497	247,344	21,965	188,244	-
July - September	277,505	4,680	3,636	49,913	286,361	21,074	170,674	-
October - December	276,180	4,811	3,300	49,820	249,870	20,870	181,920	-
Total	1,084,368	19,353	13,651		1,048,514	81,716		182
2011								
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	-
Total	1,095,628	13,088	13,209		1,002,948	107,259		11,506
2012								
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	-
Total	1,016,458	9,159	11,196		889,185	125,746		14,980
2013								
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	-
Total	984,842	8,906	11,279		924,442	117,659		1,451
2014								
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	-
Total	1,000,049	11,350	12,090		917,731	97,257		11,101
2015								
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	-
Total	896,941	11,318	9,969		798,115	73,958		5,452
2016								
January - March	173,225	2,698	2,478	35,207*	165,951	14,153	198,471	-
April - June	160,853	2,292	1,898	32,932*	159,998	14,223	189,222	-
Total	334,078	4,989	4,376		325,949	28,376		5,396
2015 January - June	452,880	5,649	5,030		401,748	41,745		-
2014 January - June	491,115	6,024	6,172		460,211	52,258		-

1 Includes refuse recovery.

2 Reported as of the last day of the quarter.

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

* Estimated.

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

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

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

(thousand short tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks¹	Consumption²	Exports
2010					
January - March	3,433	365	702	3,588	285
April - June	3,810	448	629	4,029	300
July - September	3,971	330	721	3,920	290
October - December	3,808	71	702	3,310	587
Total	15,022	1,214		14,847	1,463
2011					
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
Total	15,420	1,418		15,825	970
2012					
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
Total	15,172	1,135		15,472	974
2013					
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
Total	15,320	138		14,351	840
2014					
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
Total	15,154	77		14,359	946
2015					
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
Total	13,755	140		13,128	857
2016					
January - March	2,950	4	831	2,757	72
April - June	2,927	95	765	2,919	169
Total	5,876	99		5,676	242
2015 January - June	7,122	13		6,340	465
2014 January - June	7,201	40		7,046	315

1 Reported as of the last day of the quarter.

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

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

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

Production

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

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
2010	265,702	264,982	277,505	276,180	1,084,368
2011	273,478	264,291	275,006	282,853	1,095,628
2012	266,865	241,047	258,956	249,591	1,016,458
2013	244,867	243,211	257,595	239,169	984,842
2014	245,271	245,844	255,377	253,557	1,000,049
2015	240,324	212,557	236,823	207,237	896,941
2016	173,225	160,853	-	-	334,078

- = 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Alabama	2,322	2,448	3,512	4,770	7,575	-37.0
Alaska	228	310	345	538	610	-11.9
Arizona	1,235	1,335	1,912	2,569	3,667	-29.9
Arkansas	15	11	27	27	48	-44.9
Colorado	3,081	2,510	5,078	5,591	10,341	-45.9
Illinois	11,062	11,227	13,391	22,289	30,230	-26.3
Indiana	6,963	7,224	8,577	14,187	18,040	-21.4
Kansas	-	27	49	27	102	-73.9
Kentucky Total	9,971	11,442	15,828	21,414	32,714	-34.5
Eastern (Kentucky)	3,969	4,594	7,432	8,563	15,269	-43.9
Western (Kentucky)	6,002	6,848	8,396	12,851	17,446	-26.3
Louisiana	696	656	686	1,352	1,445	-6.5
Maryland	293	401	489	693	1,048	-33.8
Mississippi	582	770	818	1,352	1,598	-15.4
Missouri	68	41	40	110	80	36.5
Montana	6,210	7,429	9,784	13,639	20,710	-34.1
New Mexico	2,460	4,295	5,286	6,755	9,162	-26.3
North Dakota	6,462	7,209	6,839	13,672	14,250	-4.1
Ohio	3,215	3,912	3,987	7,126	8,963	-20.5
Oklahoma	166	167	210	333	413	-19.3
Pennsylvania Total	11,248	10,344	11,793	21,592	25,227	-14.4
Anthracite (Pennsylvania)	421	438	489	859	937	-8.4
Bituminous (Pennsylvania)	10,828	9,906	11,304	20,734	24,289	-14.6
Tennessee	142	205	231	347	437	-20.6
Texas	8,818	9,917	7,586	18,735	15,551	20.5
Utah	3,706	3,362	3,592	7,068	7,195	-1.8
Virginia	3,184	3,133	3,596	6,317	7,317	-13.7
West Virginia Total	18,811	19,232	23,512	38,043	50,853	-25.2
Northern (West Virginia)	9,959	10,297	11,019	20,256	24,387	-16.9
Southern (West Virginia)	8,852	8,934	12,493	17,787	26,465	-32.8
Wyoming	59,663	65,507	85,117	125,170	184,710	-32.2
Appalachia Total	43,184	44,267	54,552	87,452	116,684	-25.1
Appalachia Central	16,148	16,866	23,751	33,014	49,484	-33.3
Appalachia Northern	24,715	24,953	27,289	49,668	59,625	-16.7
Appalachia Southern	2,322	2,448	3,512	4,770	7,575	-37.0
Interior Region Total	34,372	36,889	39,780	71,261	84,953	-16.1
Illinois Basin	24,027	25,299	30,365	49,326	65,715	-24.9
Interior	10,345	11,590	9,415	21,935	19,238	14.0
Western Region Total	83,044	91,957	117,953	175,001	250,645	-30.2
Powder River Basin	62,360	69,172	90,307	131,532	196,072	-32.9
Uinta Region	6,385	5,594	8,222	11,978	16,648	-28.0
Western	14,300	17,190	19,423	31,490	37,925	-17.0
East of Mississippi River	67,793	70,337	85,734	138,130	184,002	-24.9
West of Mississippi River	92,808	102,776	126,550	195,583	268,284	-27.1
U.S. Subtotal	160,601	173,113	212,285	333,713	452,286	-26.2
Refuse Recovery	252	112	272	364	594	-38.6
U.S. Total	160,853	173,225	212,557	334,078	452,880	-26.2

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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	910	883	1,245	1,793	2,475	-27.6
East North Central	1,625	1,669	1,877	3,294	3,876	-15.0
South Atlantic	303	301	317	604	642	-6.0
East South Central	237	229	254	466	536	-13.0
U.S. Total	3,075	3,082	3,693	6,157	7,529	-18.2
Coke Total	2,927	2,950	3,511	5,876	7,122	-17.5
Breeze Total	148	133	182	281	407	-31.0

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

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

Exports and Imports

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

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	17,807	4,803	21,965	5,058	21,074	4,680	20,870	4,811	81,716	19,353
2011	26,617	3,381	26,987	3,419	25,976	3,588	27,679	2,700	107,259	13,088
2012	28,642	2,022	37,534	2,329	31,563	2,415	28,006	2,394	125,746	9,159
2013	31,835	1,429	29,427	2,756	28,589	2,398	27,809	2,323	117,659	8,906
2014	27,584	2,450	24,674	3,574	22,723	3,151	22,276	2,174	97,257	11,350
2015	21,979	3,009	19,766	2,640	16,914	2,965	15,299	2,705	73,958	11,318
2016	14,153	2,698	14,223	2,292	-	-	-	-	28,376	4,989

- = No data reported.

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

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

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

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	106.52	62.02	121.36	71.91	125.45	77.12	126.16	76.18	120.41	71.77
2011	139.34	86.00	153.00	105.86	155.88	112.06	147.38	110.19	148.86	103.32
2012	134.88	103.82	118.95	100.89	115.12	93.25	104.64	90.39	118.43	96.78
2013	99.68	86.87	96.77	83.18	91.64	81.66	91.46	83.12	95.06	83.35
2014	90.72	78.15	86.24	80.46	85.69	80.60	84.94	85.48	87.08	80.96
2015	82.31	69.95	80.14	74.40	73.52	71.85	68.61	70.48	76.89	71.61
2016	61.41	63.97	65.79	66.30	-	-	-	-	63.60	65.04

- = No data reported.

Note: Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. Total may not equal sum of components because of independent rounding.

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

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

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
2010	380,404	1,766,896	14,583,950	1,904,040	52,869	581,700	82,828	19,352,687
2011	61,745	1,680,490	9,500,387	856,038	22,128	778,887	187,931	13,087,606
2012	-	1,107,727	6,951,515	517,532	77,738	287,147	217,598	9,159,257
2013	22	1,116,076	6,575,927	886,920	51,944	42,428	233,108	8,906,425
2014	532	1,026,523	8,295,286	1,526,611	39,776	288,738	172,460	11,349,926
2015								
January - March	18	171,631	2,299,716	488,859	840	35,697	12,045	3,008,806
April - June	319	325,205	2,111,040	163,913	8,835	-	30,657	2,639,969
July - September	60,657	349,630	2,392,245	119,658	3,846	38,478	-	2,964,514
October - December	-	341,189	2,133,033	117,694	2,578	-	110,228	2,704,722
U.S. Total	60,994	1,187,655	8,936,034	890,124	16,099	74,175	152,930	11,318,011
2016								
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
U.S. Total	121,967	480,318	4,177,886	200,846	1,306	-	7,029	4,989,352
Average Price (dollars per short ton)								
2010	56.75	167.33	63.31	44.58	223.42	72.75	114.06	71.77
2011	52.72	253.79	82.89	47.13	267.33	83.22	127.37	103.32
2012	-	184.89	83.94	53.54	133.39	109.51	131.25	96.78
2013	182.64	145.52	75.11	59.45	107.55	91.81	101.89	83.35
2014	117.40	131.45	78.63	56.36	155.20	83.80	88.53	80.96
2015								
January - March	423.06	107.01	70.58	52.33	174.44	81.04	96.27	69.95
April - June	74.83	122.71	66.89	62.63	114.81	-	129.91	74.40
July - September	60.06	121.76	65.34	60.27	273.60	57.60	-	71.85
October - December	-	104.32	63.86	62.57	295.39	-	97.10	70.48
U.S. Total	60.25	114.88	66.70	56.65	184.78	68.88	103.61	71.61
2016								
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
U.S. Total	47.66	72.77	65.34	50.45	147.60	-	65.36	65.04

-- 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	1,991,066	1,373,100	3,131,636	3,364,166	4,996,883	-32.7
Canada*	1,213,126	608,869	1,792,272	1,821,995	2,507,975	-27.4
Dominican Republic	14	19	54,923	33	56,668	-99.9
Guatemala	270	-	6,341	270	6,400	-95.8
Honduras	35,889	35,825	35,837	71,714	70,488	1.7
Jamaica	67	36,375	37,479	36,442	73,580	-50.5
Mexico	741,518	691,800	1,141,462	1,433,318	2,217,901	-35.4
Trinidad and Tobago	119	12	63,179	131	63,534	-99.8
Other**	63	200	143	263	337	-22.0
South America Total	1,722,150	1,973,885	1,704,310	3,696,035	3,664,365	0.9
Argentina	58,607	-	24	58,607	193,204	-69.7
Brazil	1,662,703	1,858,826	1,478,683	3,521,529	3,189,209	10.4
Chile	343	419	224,491	762	280,427	-99.7
Other**	497	114,640	1,112	115,137	1,525	NM
Europe Total	6,945,500	6,216,821	9,034,317	13,162,321	21,297,376	-38.2
Austria	1,124	206,234	109,491	207,358	302,517	-31.5
Belgium	261,248	264,275	227,845	525,523	722,771	-27.3
Croatia	477,500	202,475	474,029	679,975	1,034,570	-34.3
Finland	59,525	75,352	148,428	134,877	207,403	-35.0
France	230,593	227,174	366,119	457,767	824,947	-44.5
Germany, Federal Republic of	974,031	629,248	906,975	1,603,279	2,166,145	-26.0
Italy	479,590	485,023	874,292	964,613	1,687,272	-42.8
Netherlands	2,404,707	2,544,009	3,036,451	4,948,716	6,374,163	-22.4
Norway	20,507	20,783	16,373	41,290	40,484	2.0
Poland	60,663	27,557	141,558	88,220	404,742	-78.2
Romania	90,912	22,931	49,670	113,843	169,499	-32.8
Slovakia	-	23	77,162	23	158,199	-100.0
Slovenia	-	-	107,761	-	129,813	-
Spain	266,544	485,502	390,437	752,046	691,600	8.7
Sweden	69,604	-	143,175	69,604	243,760	-71.4
Turkey	686,176	297,015	247,118	983,191	1,510,433	-34.9
Ukraine	661,790	355,136	626,650	1,016,926	1,635,845	-37.8
United Kingdom	192,730	304,456	1,072,771	497,186	2,922,414	-83.0
Other**	8,256	69,628	18,012	77,884	70,799	10.0
Asia Total	3,369,682	4,079,826	5,581,968	7,449,508	11,394,295	-34.6
China	1,107	123,845	228,577	124,952	228,948	-45.4
India	1,771,137	1,869,932	2,270,539	3,641,069	4,845,323	-24.9
Japan	858,888	979,630	1,047,477	1,838,518	2,236,335	-17.8
Singapore	12	-	-	12	127,400	-100.0
South Korea (Republic of Korea)	736,496	1,104,643	2,032,636	1,841,139	3,952,364	-53.4
Other**	2,042	1,776	2,739	3,818	3,925	-2.7
Australia and Oceania Total	109	21	22	130	117	11.1
Other**	109	21	22	130	117	11.1
Africa Total	194,898	509,368	313,548	704,266	391,816	79.7
Egypt	233	116	163,379	349	163,414	-99.8
Morocco	116,625	433,914	69,953	550,539	69,953	NM
South Africa	78,040	75,310	80,216	153,350	158,391	-3.2
Other**	-	28	-	28	58	-51.7
Total	14,223,405	14,153,021	19,765,801	28,376,426	41,744,852	-32.0

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

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

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2016	January - March 2016	Year to Date			Percent Change
			April - June 2015	2016	2015	
North America Total	60.73	62.62	83.85	61.50	81.02	-24.1
Canada*	68.54	87.37	89.92	74.83	87.20	-14.2
Dominican Republic	307.64	213.68	78.67	253.55	90.47	180.3
Guatemala	373.12	-	103.41	373.12	105.77	252.8
Honduras	45.60	78.02	45.36	61.79	49.82	24.0
Jamaica	139.81	38.10	90.72	38.29	68.54	-44.1
Mexico	48.44	41.25	75.06	44.97	74.80	-39.9
Trinidad and Tobago	436.97	1,169.17	90.23	504.05	91.59	450.3
Other**	739.81	268.20	269.88	381.17	245.78	55.1
South America Total	68.15	64.14	88.30	66.01	92.33	-28.5
Argentina	74.90	-	264.63	74.90	100.86	-25.7
Brazil	67.74	64.88	93.27	66.23	94.97	-30.3
Chile	420.99	439.62	53.52	431.23	54.53	NM
Other**	404.82	50.75	504.99	52.28	454.78	-88.5
Europe Total	70.45	64.27	83.34	67.53	84.56	-20.1
Austria	27.68	76.39	95.35	76.12	97.17	-21.7
Belgium	71.10	77.87	94.77	74.51	97.61	-23.7
Croatia	75.78	70.61	98.95	74.24	102.11	-27.3
Finland	75.52	80.41	113.09	78.25	112.36	-30.4
France	70.60	70.93	91.73	70.76	89.19	-20.7
Germany, Federal Republic of	85.68	60.50	69.84	75.80	72.19	5.0
Italy	79.85	83.25	86.74	81.56	86.60	-5.8
Netherlands	56.73	52.45	68.99	54.53	72.79	-25.1
Norway	129.67	145.78	168.13	137.78	156.31	-11.9
Poland	71.66	74.84	104.04	72.66	102.03	-28.8
Romania	80.05	61.45	76.68	76.30	112.00	-31.9
Slovakia	-	1,788.70	106.14	1,788.70	106.26	NM
Slovenia	-	-	96.62	-	97.77	-
Spain	80.49	72.19	97.84	75.13	101.79	-26.2
Sweden	67.64	-	100.00	67.64	99.58	-32.1
Turkey	71.01	62.36	100.26	68.39	88.89	-23.1
Ukraine	75.02	71.07	106.41	73.64	104.25	-29.4
United Kingdom	80.80	86.21	82.20	84.12	78.76	6.8
Other**	139.10	46.79	163.99	56.57	88.47	-36.1
Asia Total	58.64	57.31	69.79	57.91	71.30	-18.8
China	507.50	102.91	96.83	106.50	97.45	9.3
India	49.51	45.39	71.91	47.39	75.63	-37.3
Japan	72.53	70.42	85.31	71.40	85.09	-16.1
Singapore	790.00	-	-	790.00	61.71	NM
South Korea (Republic of Korea)	62.18	60.12	55.73	60.95	56.48	7.9
Other**	604.32	449.92	564.94	532.50	587.71	-9.4
Australia and Oceania Total	370.01	447.00	472.41	382.45	398.81	-4.1
Other**	370.01	447.00	472.41	382.45	398.81	-4.1
Africa Total	53.95	45.54	90.86	47.87	93.20	-48.6
Egypt	218.88	219.83	92.44	219.20	92.95	135.8
Morocco	39.44	39.92	80.90	39.82	80.90	-50.8
South Africa	75.14	77.59	96.34	76.34	98.73	-22.7
Other**	-	217.86	-	217.86	529.74	-58.9
Total	65.79	61.41	80.14	63.60	81.28	-21.8

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

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

- = No data reported.

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

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

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

Table 9. U.S. Steam Coal Exports

(short tons)

Continent and Country of Destination	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	1,091,135	787,098	1,627,550	1,878,233	3,046,612	-38.4
Canada*	422,929	167,947	547,078	590,876	923,724	-36.0
Dominican Republic	14	19	54,923	33	56,668	-99.9
Guatemala	270	-	6,341	270	6,400	-95.8
Honduras	35,889	-	-	35,889	34,651	3.6
Jamaica	67	36,375	37,479	36,442	73,580	-50.5
Mexico	631,784	582,545	981,492	1,214,329	1,950,803	-37.8
Trinidad and Tobago	119	12	94	131	449	-70.8
Other**	63	200	143	263	337	-22.0
South America Total	10,060	115,410	225,773	125,470	339,689	-63.1
Argentina	24	-	24	24	105	-77.1
Brazil	9,196	351	146	9,547	57,632	-83.4
Chile	343	419	224,491	762	280,427	-99.7
Other**	497	114,640	1,112	115,137	1,525	NM
Europe Total	2,081,052	1,888,141	2,853,929	3,969,193	7,528,712	-47.3
Austria	1,124	277	277	1,401	299	368.6
Belgium	-	-	-	-	14,349	-
Finland	59,525	-	10	59,525	111	NM
France	-	-	-	-	90,915	-
Germany, Federal Republic of	279,536	394,780	583,132	674,316	1,178,433	-42.8
Italy	213,899	37,555	309,327	251,454	739,828	-66.0
Netherlands	1,452,211	1,351,286	1,636,149	2,803,497	3,954,192	-29.1
Norway	8,267	42	126	8,309	8,393	-1.0
Romania	-	-	19,073	-	19,073	-
Slovakia	-	23	-	23	-	-
Spain	996	42,912	18,145	43,908	19,245	128.2
Turkey	52,612	91	1,017	52,703	91,936	-42.7
Ukraine	12,221	-	-	12,221	-	-
United Kingdom	231	165	286,457	396	1,366,895	-100.0
Other**	430	61,010	216	61,440	45,043	36.4
Asia Total	978,936	1,063,670	2,258,468	2,042,606	4,511,525	-54.7
China	1,107	674	440	1,781	811	119.6
India	881,690	679,742	983,807	1,561,432	1,737,250	-10.1
Japan	69,928	119,794	179,855	189,722	391,389	-51.5
Singapore	12	-	-	12	127,400	-100.0
South Korea (Republic of Korea)	24,304	261,831	1,091,627	286,135	2,250,794	-87.3
Other**	1,895	1,629	2,739	3,524	3,881	-9.2
Australia and Oceania Total	109	-	22	109	117	-6.8
Other**	109	-	22	109	117	-6.8
Africa Total	670	145,509	70,194	146,179	72,245	102.3
Egypt	233	116	133	349	168	107.7
Morocco	-	145,329	69,953	145,329	69,953	107.8
South Africa	437	36	108	473	2,066	-77.1
Other**	-	28	-	28	58	-51.7
Total	4,161,962	3,999,828	7,035,936	8,161,790	15,498,900	-47.3

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

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

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	46.45	40.85	71.02	44.10	71.11	-38.0
Canada*	59.39	85.43	69.55	66.79	71.43	-6.5
Dominican Republic	307.64	213.68	78.67	253.55	90.47	180.3
Guatemala	373.12	-	103.41	373.12	105.77	252.8
Honduras	45.60	-	-	45.60	54.43	-16.2
Jamaica	139.81	38.10	90.72	38.29	68.54	-44.1
Mexico	37.53	28.06	70.39	32.99	70.59	-53.3
Trinidad and Tobago	436.97	1,169.17	372.78	504.05	341.14	47.8
Other**	739.81	268.20	269.88	381.17	245.78	55.1
South America Total	154.78	53.07	56.16	61.22	67.82	-9.7
Argentina	220.50	-	264.63	220.50	264.79	-16.7
Brazil	131.16	349.76	656.29	139.20	121.93	14.2
Chile	420.99	439.62	53.52	431.23	54.53	NM
Other**	404.82	50.75	504.99	52.28	454.78	-88.5
Europe Total	64.76	43.66	54.58	54.72	61.47	-11.0
Austria	27.68	37.44	37.44	29.61	69.38	-57.3
Belgium	-	-	-	-	179.62	-
Finland	75.52	-	269.60	75.52	277.23	-72.8
France	-	-	-	-	62.96	-
Germany, Federal Republic of	121.81	53.34	53.67	81.72	50.80	60.9
Italy	72.62	68.59	64.07	72.02	65.32	10.3
Netherlands	52.58	40.52	53.72	46.77	63.35	-26.2
Norway	114.76	2,575.24	2,573.13	127.20	172.67	-26.3
Romania	-	-	57.08	-	57.08	-
Slovakia	-	1,788.70	-	1,788.70	-	-
Spain	351.52	40.11	86.47	47.18	97.41	-51.6
Turkey	38.17	567.51	489.29	39.09	61.11	-36.0
Ukraine	63.50	-	-	63.50	-	-
United Kingdom	768.73	1,153.84	46.11	929.19	61.23	NM
Other**	74.25	31.69	195.62	31.99	46.19	-30.7
Asia Total	52.13	45.67	49.18	48.77	48.58	0.4
China	507.50	532.88	432.69	517.11	454.43	13.8
India	50.26	39.41	66.06	45.53	68.68	-33.7
Japan	49.11	43.36	39.09	45.47	38.75	17.3
Singapore	790.00	-	-	790.00	61.71	NM
South Korea (Republic of Korea)	61.84	59.00	34.18	59.25	32.94	79.9
Other**	643.15	481.19	564.94	568.28	592.10	-4.0
Australia and Oceania Total	370.01	-	472.41	370.01	398.81	-7.2
Other**	370.01	-	472.41	370.01	398.81	-7.2
Africa Total	369.76	39.99	82.51	41.50	90.31	-54.0
Egypt	218.88	219.83	535.41	219.20	940.54	-76.7
Morocco	-	39.67	80.90	39.67	80.90	-51.0
South Africa	450.21	608.08	568.07	462.22	327.43	41.2
Other**	-	217.86	-	217.86	529.74	-58.9
Total	57.26	43.78	56.98	50.66	59.89	-15.4

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

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

- = No data reported.

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

Note: Average price is based on the free alongside ship (f.a.s) value, including value for shipments of specialty coal not used as a fuel source (about 0.05 percent of all shipments). Steam coal includes bituminous, sub-bituminous, lignite, and anthracite. Total may not equal sum of components because of independent rounding.

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

Table 11. U.S. Metallurgical Coal Exports

(short tons)

Continent and Country of Destination	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	899,931	586,002	1,504,086	1,485,933	1,950,271	-23.8
Canada*	790,197	440,922	1,245,194	1,231,119	1,584,251	-22.3
Honduras	-	35,825	35,837	35,825	35,837	s
Mexico	109,734	109,255	159,970	218,989	267,098	-18.0
Trinidad and Tobago	-	-	63,085	-	63,085	-
South America Total	1,712,090	1,858,475	1,478,537	3,570,565	3,324,676	7.4
Argentina	58,583	-	-	58,583	193,099	-69.7
Brazil	1,653,507	1,858,475	1,478,537	3,511,982	3,131,577	12.1
Europe Total	4,864,448	4,328,680	6,180,388	9,193,128	13,768,664	-33.2
Austria	-	205,957	109,214	205,957	302,218	-31.9
Belgium	261,248	264,275	227,845	525,523	708,422	-25.8
Croatia	477,500	202,475	474,029	679,975	1,034,570	-34.3
Finland	-	75,352	148,418	75,352	207,292	-63.6
France	230,593	227,174	366,119	457,767	734,032	-37.6
Germany, Federal Republic of	694,495	234,468	323,843	928,963	987,712	-5.9
Italy	265,691	447,468	564,965	713,159	947,444	-24.7
Netherlands	952,496	1,192,723	1,400,302	2,145,219	2,419,971	-11.4
Norway	12,240	20,741	16,247	32,981	32,091	2.8
Poland	60,663	27,557	141,558	88,220	404,742	-78.2
Romania	90,912	22,931	30,597	113,843	150,426	-24.3
Slovakia	-	-	77,162	-	158,199	-
Slovenia	-	-	107,761	-	129,813	-
Spain	265,548	442,590	372,292	708,138	672,355	5.3
Sweden	69,604	-	143,175	69,604	243,760	-71.4
Turkey	633,564	296,924	246,101	930,488	1,418,497	-34.4
Ukraine	649,569	355,136	626,650	1,004,705	1,635,845	-38.6
United Kingdom	192,499	304,291	786,314	496,790	1,555,519	-68.1
Other**	7,826	8,618	17,796	16,444	25,756	-36.2
Asia Total	2,390,746	3,016,156	3,323,500	5,406,902	6,882,770	-21.4
China	-	123,171	228,137	123,171	228,137	-46.0
India	889,447	1,190,190	1,286,732	2,079,637	3,108,073	-33.1
Japan	788,960	859,836	867,622	1,648,796	1,844,946	-10.6
South Korea (Republic of Korea)	712,192	842,812	941,009	1,555,004	1,701,570	-8.6
Other**	147	147	-	294	44	NM
Australia and Oceania Total	-	21	-	21	-	-
Other**	-	21	-	21	-	-
Africa Total	194,228	363,859	243,354	558,087	319,571	74.6
Egypt	-	-	163,246	-	163,246	-
Morocco	116,625	288,585	-	405,210	-	-
South Africa	77,603	75,274	80,108	152,877	156,325	-2.2
Total	10,061,443	10,153,193	12,729,865	20,214,636	26,245,952	-23.0

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

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

- = No data reported.

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

s = Absolute percentage less than 0.05.

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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	78.05	91.86	97.73	83.50	96.50	-13.5
Canada*	73.44	88.10	98.87	78.69	96.39	-18.4
Honduras	-	78.02	45.36	78.02	45.36	72.0
Mexico	111.25	111.56	103.74	111.40	105.60	5.5
Trinidad and Tobago	-	-	89.81	-	89.81	-
South America Total	67.64	64.83	93.21	66.18	94.84	-30.2
Argentina	74.84	-	-	74.84	100.77	-25.7
Brazil	67.39	64.83	93.21	66.03	94.47	-30.1
Europe Total	72.88	73.26	96.63	73.06	97.19	-24.8
Austria	-	76.44	95.49	76.44	97.19	-21.3
Belgium	71.10	77.87	94.77	74.51	95.95	-22.3
Croatia	75.78	70.61	98.95	74.24	102.11	-27.3
Finland	-	80.41	113.08	80.41	112.27	-28.4
France	70.60	70.93	91.73	70.76	92.43	-23.4
Germany, Federal Republic of	71.14	72.57	98.94	71.50	97.70	-26.8
Italy	85.66	84.48	99.15	84.92	103.22	-17.7
Netherlands	63.06	65.97	86.82	64.68	88.22	-26.7
Norway	139.73	140.86	149.47	140.44	152.04	-7.6
Poland	71.66	74.84	104.04	72.66	102.03	-28.8
Romania	80.05	61.45	88.90	76.30	118.96	-35.9
Slovakia	-	-	106.14	-	106.26	-
Slovenia	-	-	96.62	-	97.77	-
Spain	79.47	75.30	98.39	76.87	101.92	-24.6
Sweden	67.64	-	100.00	67.64	99.58	-32.1
Turkey	73.73	62.20	98.65	70.05	90.69	-22.8
Ukraine	75.23	71.07	106.41	73.76	104.25	-29.2
United Kingdom	79.97	85.64	95.35	83.44	94.17	-11.4
Other**	142.67	153.67	163.61	148.43	162.42	-8.6
Asia Total	61.30	61.41	83.80	61.36	86.20	-28.8
China	-	100.56	96.18	100.56	96.18	4.6
India	48.78	48.80	76.38	48.79	79.51	-38.6
Japan	74.60	74.19	94.89	74.39	94.92	-21.6
South Korea (Republic of Korea)	62.20	60.47	80.74	61.26	87.63	-30.1
Other**	103.78	103.40	-	103.59	200.00	-48.2
Australia and Oceania Total	-	447.00	-	447.00	-	-
Other**	-	447.00	-	447.00	-	-
Africa Total	52.86	47.76	93.27	49.54	93.85	-47.2
Egypt	-	-	92.08	-	92.08	-
Morocco	39.44	40.05	-	39.87	-	-
South Africa	73.03	77.34	95.71	75.15	95.71	-21.5
Total	69.31	68.36	92.95	68.83	93.92	-26.7

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

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

- = No data reported.

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

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

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

(short tons)

Customs District	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	9,656,462	9,472,145	10,958,603	19,128,607	24,554,294	-22.1
Baltimore, MD	3,702,460	3,850,539	3,838,106	7,552,999	8,724,574	-13.4
Boston, MA	-	-	28	-	28	-
Buffalo, NY	300,679	3,381	421,362	304,060	518,148	-41.3
New York City, NY	2,047	1,567	2,544	3,614	6,104	-40.8
Norfolk, VA	5,584,379	5,606,552	6,633,101	11,190,931	15,202,421	-26.4
Ogdensburg, NY	49,448	9,780	62,954	59,228	72,536	-18.3
Philadelphia, PA	17,296	215	306	17,511	30,079	-41.8
Portland, ME	-	-	59	-	59	-
St. Albans, VT	84	111	143	195	345	-43.5
Washington, DC	69	-	-	69	-	-
Southern Total	3,377,055	3,837,952	5,448,886	7,215,007	11,066,282	-34.8
Charleston, SC	68	259	247	327	291	12.4
El Paso, TX	13,430	26,165	37,012	39,595	52,003	-23.9
Houston-Galveston, TX	1,659	1,225	172,798	2,884	189,406	-98.5
Laredo, TX	362,355	556,409	1,248	918,764	2,558	NM
Miami, FL	212	313	44,289	525	44,290	-98.8
Mobile, AL	2,071,622	1,857,059	3,002,292	3,928,681	6,493,407	-39.5
New Orleans, LA	927,556	1,396,339	2,190,978	2,323,895	4,284,164	-45.8
Savannah, GA	123	153	-	276	70	294.3
Tampa, FL	30	30	22	60	93	-35.5
Western Total	326,705	306,714	2,161,241	633,419	4,474,383	-85.8
Anchorage, AK	-	-	78,595	-	78,639	-
Great Falls, MT	371	35	141	406	298	36.2
Los Angeles, CA	539	73,001	177,011	73,540	530,470	-86.1
Nogales, AZ	55	39	-	94	93	1.1
Portland, OR	-	-	-	-	126	-
San Diego, CA	-	59	64	59	130	-54.6
San Francisco, CA	325,412	155,776	753,791	481,188	1,354,011	-64.5
Seattle, WA	328	77,804	1,151,639	78,132	2,510,616	-96.9
Northern Total	862,252	529,080	1,153,738	1,391,332	1,587,407	-12.4
Chicago, IL	-	-	30,534	-	30,536	-
Cleveland, OH	485,738	415,262	863,224	901,000	1,065,236	-15.4
Detroit, MI	375,634	62,211	256,277	437,845	486,951	-10.1
Duluth, MN	604	-	3,154	604	3,804	-84.1
Minneapolis, MN	-	51,216	-	51,216	-	-
Pembina, ND	276	391	549	667	880	-24.2
Other Ports	931	7,130	43,333	8,061	62,486	-87.1
Total	14,223,405	14,153,021	19,765,801	28,376,426	41,744,852	-32.0

- = 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	1,846,495	1,549,950	1,877,731	3,396,445	5,290,376	-35.8
Baltimore, MD	1,264,948	859,720	1,021,447	2,124,668	2,563,239	-17.1
Boston, MA	-	-	28	-	28	-
Buffalo, NY	3,308	3,185	1,435	6,493	2,630	146.9
New York City, NY	2,047	1,567	2,544	3,614	6,104	-40.8
Norfolk, VA	509,896	675,942	789,223	1,185,838	2,621,513	-54.8
Ogdensburg, NY	48,847	9,210	62,546	58,057	66,379	-12.5
Philadelphia, PA	17,296	215	306	17,511	30,079	-41.8
Portland, ME	-	-	59	-	59	-
St. Albans, VT	84	111	143	195	345	-43.5
Washington, DC	69	-	-	69	-	-
Southern Total	1,617,804	2,119,752	2,624,752	3,737,556	5,146,868	-27.4
Charleston, SC	68	112	247	180	291	-38.1
El Paso, TX	13,430	26,165	37,012	39,595	51,991	-23.8
Houston-Galveston, TX	1,659	1,225	172,789	2,884	189,397	-98.5
Laredo, TX	361,736	556,282	1,248	918,018	2,461	NM
Miami, FL	212	313	44,289	525	44,290	-98.8
Mobile, AL	333,056	208,973	481,913	542,029	1,077,654	-49.7
New Orleans, LA	907,490	1,326,629	1,887,232	2,234,119	3,780,621	-40.9
Savannah, GA	123	23	-	146	70	108.6
Tampa, FL	30	30	22	60	93	-35.5
Western Total	326,705	234,072	2,161,241	560,777	4,474,339	-87.5
Anchorage, AK	-	-	78,595	-	78,595	-
Great Falls, MT	371	35	141	406	298	36.2
Los Angeles, CA	539	359	177,011	898	530,470	-99.8
Nogales, AZ	55	39	-	94	93	1.1
Portland, OR	-	-	-	-	126	-
San Diego, CA	-	59	64	59	130	-54.6
San Francisco, CA	325,412	155,776	753,791	481,188	1,354,011	-64.5
Seattle, WA	328	77,804	1,151,639	78,132	2,510,616	-96.9
Northern Total	370,027	88,924	328,879	458,951	524,831	-12.6
Chicago, IL	-	-	30,534	-	30,536	-
Cleveland, OH	97,452	-	64,248	97,452	64,667	50.7
Detroit, MI	271,695	37,317	230,418	309,012	424,968	-27.3
Duluth, MN	604	-	3,154	604	3,804	-84.1
Minneapolis, MN	-	51,216	-	51,216	-	-
Pembina, ND	276	391	525	667	856	-22.1
Other Ports	931	7,130	43,333	8,061	62,486	-87.1
Total	4,161,962	3,999,828	7,035,936	8,161,790	15,498,900	-47.3

- = 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	7,809,967	7,922,195	9,080,872	15,732,162	19,263,918	-18.3
Baltimore, MD	2,437,512	2,990,819	2,816,659	5,428,331	6,161,335	-11.9
Buffalo, NY	297,371	196	419,927	297,567	515,518	-42.3
Norfolk, VA	5,074,483	4,930,610	5,843,878	10,005,093	12,580,908	-20.5
Ogdensburg, NY	601	570	408	1,171	6,157	-81.0
Southern Total	1,759,251	1,718,200	2,824,134	3,477,451	5,919,414	-41.3
Charleston, SC	-	147	-	147	-	-
El Paso, TX	-	-	-	-	12	-
Houston-Galveston, TX	-	-	9	-	9	-
Laredo, TX	619	127	-	746	97	NM
Mobile, AL	1,738,566	1,648,086	2,520,379	3,386,652	5,415,753	-37.5
New Orleans, LA	20,066	69,710	303,746	89,776	503,543	-82.2
Savannah, GA	-	130	-	130	-	-
Western Total	-	72,642	-	72,642	44	NM
Anchorage, AK	-	-	-	-	44	-
Los Angeles, CA	-	72,642	-	72,642	-	-
Northern Total	492,225	440,156	824,859	932,381	1,062,576	-12.3
Cleveland, OH	388,286	415,262	798,976	803,548	1,000,569	-19.7
Detroit, MI	103,939	24,894	25,859	128,833	61,983	107.9
Pembina, ND	-	-	24	-	24	-
Total	10,061,443	10,153,193	12,729,865	20,214,636	26,245,952	-23.0

- = No data reported.

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

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

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

Table 16. U.S. Coke Exports

(short tons)

Continent and Country of Destination	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	168,625	72,167	301,843	240,792	401,136	-40.0
Canada*	134,231	57,410	273,140	191,641	340,737	-43.8
Mexico	33,966	14,542	28,404	48,508	59,797	-18.9
Other**	428	215	299	643	602	6.8
South America Total	12	21	-	33	78	-57.7
Other**	12	21	-	33	78	-57.7
Europe Total	33	-	140	33	35,562	-99.9
Other**	33	-	140	33	35,562	-99.9
Asia Total	552	209	404	761	749	1.6
Other**	552	209	404	761	749	1.6
Australia and Oceania Total	98	47	2	145	2	NM
Other**	98	47	2	145	2	NM
Africa Total	-	-	11	-	27,496	-
Other**	-	-	11	-	27,496	-
Total	169,320	72,444	302,400	241,764	465,023	-48.0

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

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

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	270.15	294.80	253.60	277.54	259.21	7.1
Canada*	242.49	259.33	247.54	247.54	256.95	-3.7
Mexico	375.98	427.49	307.48	391.43	268.25	45.9
Other**	543.13	791.78	666.50	626.27	638.93	-2.0
South America Total	521.17	501.14	-	508.42	702.17	-27.6
Other**	521.17	501.14	-	508.42	702.17	-27.6
Europe Total	513.79	-	523.45	513.79	140.35	266.1
Other**	513.79	-	523.45	513.79	140.35	266.1
Asia Total	765.04	789.56	728.25	771.77	741.55	4.1
Other**	765.04	789.56	728.25	771.77	741.55	4.1
Australia and Oceania Total	494.01	179.23	6,480.00	391.98	6,480.00	-94.0
Other**	494.01	179.23	6,480.00	391.98	6,480.00	-94.0
Africa Total	-	-	371.82	-	93.56	-
Other**	-	-	371.82	-	93.56	-
Total	271.95	296.22	254.40	279.22	241.20	15.8

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

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

- = No data reported.

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

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

Table 18. U.S. Coal Imports

(short tons)

Continent and Country of Origin	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	241,095	240,168	325,205	481,263	496,903	-3.1
Canada	240,878	239,440	325,205	480,318	496,836	-3.3
Mexico	217	728	-	945	67	NM
South America Total	1,987,017	2,196,295	2,111,130	4,183,312	4,458,204	-6.2
Colombia	1,987,017	2,190,869	2,111,040	4,177,886	4,410,756	-5.3
Peru	-	5,426	90	5,426	11,751	-53.8
Venezuela	-	-	-	-	35,697	-
Europe Total	658	-	30,469	658	30,469	-97.8
Austria	3	-	-	3	-	-
Germany, Federal Republic of	-	-	12	-	12	-
Italy	314	-	-	314	-	-
Ukraine	-	-	30,314	-	30,314	-
United Kingdom	341	-	143	341	143	138.5
Asia Total	469	201,683	172,837	202,152	662,853	-69.5
China	469	837	8,835	1,306	9,675	-86.5
India	-	-	89	-	406	-
Indonesia	-	200,846	163,913	200,846	652,772	-69.2
Australia and Oceania Total	62,569	59,398	319	121,967	337	NM
Australia	62,569	59,398	319	121,967	337	NM
Africa Total	-	-	9	-	9	-
South Africa	-	-	9	-	9	-
Total	2,291,808	2,697,544	2,639,969	4,989,352	5,648,775	-11.7

- = 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	73.59	71.92	122.71	72.76	117.29	-38.0
Canada	73.61	71.93	122.71	72.77	117.29	-38.0
Mexico	59.08	66.79	-	65.02	113.43	-42.7
South America Total	66.00	64.73	66.89	65.33	68.96	-5.3
Colombia	66.00	64.73	66.89	65.34	68.81	-5.0
Peru	-	63.31	92.99	63.31	86.24	-26.6
Venezuela	-	-	-	-	81.04	-
Europe Total	82.77	-	128.86	82.77	128.86	-35.8
Austria	864.00	-	-	864.00	-	-
Germany, Federal Republic of	-	-	811.75	-	811.75	-
Italy	75.07	-	-	75.07	-	-
Ukraine	-	-	128.36	-	128.36	-
United Kingdom	82.99	-	177.25	82.99	177.25	-53.2
Asia Total	285.66	50.53	65.53	51.08	56.12	-9.0
China	285.66	70.24	114.81	147.60	119.99	23.0
India	-	-	504.31	-	472.33	-
Indonesia	-	50.45	62.63	50.45	54.92	-8.1
Australia and Oceania Total	45.92	49.49	74.83	47.66	93.43	-49.0
Australia	45.92	49.49	74.83	47.66	93.43	-49.0
Africa Total	-	-	328.89	-	328.89	-
South Africa	-	-	328.89	-	328.89	-
U.S. Total*	66.30	63.97	74.40	65.04	72.03	-9.7

* 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	62,212	312,200	114,560	374,412	634,619	-41.0
Boston, MA	52,580	278,171	52,801	330,751	449,174	-26.4
Buffalo, NY	23	71	251	94	260	-63.8
New York City, NY	22	773	445	795	888	-10.5
Portland, ME	-	-	45,470	-	138,531	-
Providence, RI	9,587	33,185	15,572	42,772	45,745	-6.5
St. Albans, VT	-	-	21	-	21	-
Southern Total	1,925,772	1,970,609	2,081,590	3,896,381	4,160,610	-6.4
Charleston, SC	-	54,020	-	54,020	-	-
Houston-Galveston, TX	215	86	179	301	496	-39.3
Laredo, TX	217	728	-	945	67	NM
Miami, FL	36,376	22	-	36,398	35,741	1.8
Mobile, AL	847,571	688,867	715,241	1,536,438	1,497,329	2.6
New Orleans, LA	176	42	8,430	218	38,736	-99.4
Port Arthur, TX	314	-	-	314	-	-
San Juan, PR	396,229	534,052	468,045	930,281	972,321	-4.3
Savannah, GA	-	-	18,820	-	105,925	-
Tampa, FL	644,674	692,792	870,875	1,337,466	1,509,995	-11.4
Western Total	205,454	318,159	122,988	523,613	385,521	35.8
Anchorage, AK	341	-	-	341	-	-
Great Falls, MT	82,831	68,303	4,254	151,134	10,712	NM
Honolulu, HI	121,774	234,342	118,443	356,116	356,526	-0.1
Los Angeles, CA	-	-	160	-	160	-
San Francisco, CA	56	-	131	56	131	-57.3
Seattle, WA	452	15,514	-	15,966	17,992	-11.3
Northern Total	98,370	96,576	320,831	194,946	468,025	-58.3
Chicago, IL	-	-	-	-	22	-
Detroit, MI	39,660	222	145,068	39,882	145,228	-72.5
Pembina, ND	58,710	96,354	175,763	155,064	322,775	-52.0
Total	2,291,808	2,697,544	2,639,969	4,989,352	5,648,775	-11.7

- = 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	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	17,390	2,763	2,184	20,153	4,219	377.7
Canada	17,390	2,763	2,184	20,153	4,219	377.7
South America Total	37,157	-	322	37,157	322	NM
Colombia	37,157	-	322	37,157	322	NM
Europe Total	39,332	1,056	6,280	40,388	6,294	NM
Czech Republic	-	-	5,300	-	5,300	-
France	-	-	15	-	15	-
Germany, Federal Republic of	-	-	-	-	11	-
Italy	6,260	1,043	962	7,303	962	NM
Russia	33,069	-	-	33,069	-	-
United Kingdom	3	13	3	16	6	166.7
Asia Total	703	457	782	1,160	1,736	-33.2
China	-	243	-	243	-	-
Indonesia	53	62	22	115	72	59.7
Japan	650	152	760	802	1,664	-51.8
U.S. Total	94,582	4,276	9,568	98,858	12,571	NM

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Origin	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North America Total	113.00	181.85	192.95	122.44	203.02	-39.7
Canada	113.00	181.85	192.95	122.44	203.02	-39.7
South America Total	145.65	-	274.73	145.65	274.73	-47.0
Colombia	145.65	-	274.73	145.65	274.73	-47.0
Europe Total	120.27	270.94	302.86	124.21	303.90	-59.1
Czech Republic	-	-	288.36	-	288.36	-
France	-	-	4,628.67	-	4,628.67	-
Germany, Federal Republic of	-	-	-	-	206.27	-
Italy	257.53	265.37	313.82	258.65	313.82	-17.6
Russia	94.21	-	-	94.21	-	-
United Kingdom	1,000.00	717.69	775.00	770.63	1,807.17	-57.4
Asia Total	355.30	252.98	335.38	314.99	343.71	-8.4
China	-	29.24	-	29.24	-	-
Indonesia	823.11	971.92	940.91	903.34	943.24	-4.2
Japan	317.16	317.40	317.86	317.20	317.77	-0.2
U.S. Total	130.65	211.45	279.48	134.15	274.79	-51.2

- = No data reported.

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

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

Receipts and Prices

Table 23. Coal Receipts at Coke Plants by Census Division

(thousand short tons)

Census Division	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,014	1,042	1,890	2,056	3,607	-43.0
East North Central	2,182	2,043	2,843	4,224	5,045	-16.3
South Atlantic	392	422	445	814	867	-6.0
East South Central	342	317	327	660	641	2.9
U.S. Total	3,931	3,823	5,504	7,754	10,160	-23.7

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 Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

(dollars per short ton)

Census Division	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	w	w	w	w	w	w
East North Central	101.17	115.25	124.10	107.98	128.60	-16.0
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	100.28	108.82	117.39	104.49	119.47	-12.5

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons and dollars per short ton)

Commodity	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Coke						
Sales	1,439	1,338	1,947	2,777	3,804	-27.0
Average Price	288.25	308.48	289.82	298.00	294.08	1.3
Breeze						
Sales	89	69	160	158	295	-46.3
Average Price	80.52	80.34	70.54	80.44	67.21	19.7

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 Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

(thousand short tons)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
New England	4	5	20	9	54	-84.2
Maine	3	4	3	7	22	-68.1
Massachusetts	1	1	16	2	33	-94.7
Middle Atlantic	419	443	556	862	1,040	-17.1
New York	104	111	182	216	292	-26.1
Pennsylvania	315	332	374	646	748	-13.6
East North Central	1,728	1,569	1,831	3,297	3,709	-11.1
Illinois	592	640	576	1,232	1,384	-11.0
Indiana	577	383	461	959	781	22.9
Michigan	150	141	250	292	441	-33.9
Ohio	195	218	263	413	545	-24.2
Wisconsin	214	187	282	401	558	-28.2
West North Central	2,867	3,150	3,106	6,017	6,489	-7.3
Iowa	584	571	591	1,154	1,326	-12.9
Kansas	24	24	25	49	65	-24.3
Minnesota	115	390	236	506	441	14.6
Missouri	179	160	249	339	505	-32.7
Nebraska	211	273	300	484	606	-20.2
North Dakota	1,712	1,686	1,650	3,398	3,399	s
South Dakota	42	46	54	88	148	-40.9
South Atlantic	851	954	1,053	1,805	2,228	-19.0
Delaware	30	28	-	58	-	-
Florida	150	140	134	290	282	2.9
Georgia	87	100	120	187	264	-29.1
Maryland	141	114	174	256	330	-22.5
North Carolina	122	141	137	264	293	-10.0
South Carolina	53	103	118	156	236	-33.7
Virginia	143	174	167	317	387	-18.0
West Virginia	124	152	202	277	436	-36.6
East South Central	954	1,055	1,117	2,009	2,304	-12.8
Alabama	262	347	327	608	665	-8.5
Kentucky	190	174	238	364	497	-26.7
Mississippi	1	1	26	1	60	-98.0
Tennessee	501	534	526	1,035	1,082	-4.4
West South Central	362	398	544	760	1,043	-27.2
Arkansas	46	53	52	99	102	-3.4
Louisiana	65	69	60	133	104	28.0
Oklahoma	117	116	154	233	308	-24.5
Texas	135	160	279	295	529	-44.2
Mountain	812	761	928	1,572	1,867	-15.8
Arizona	68	34	53	102	95	6.9
Colorado	58	62	78	120	160	-25.2
Idaho	36	18	146	55	193	-71.8
Montana	29	77	31	106	109	-3.5
Nevada	63	55	73	117	153	-23.4
New Mexico	22	15	16	37	27	34.5
Utah	159	97	161	256	350	-26.9
Wyoming	378	403	368	780	778	0.3
Pacific	366	338	383	704	775	-9.2
Alaska	s	s	s	1	1	s
California	337	293	320	630	665	-5.2
Oregon	6	16	33	22	56	-61.4
Washington	23	28	30	51	53	-2.6
U.S. Total	8,362	8,672	9,537	17,035	19,510	-12.7

- = No data reported.

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

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

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

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

(dollars per short ton)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
New England	w	w	w	w	w	w
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
Middle Atlantic	80.82	79.44	84.92	80.11	85.88	-6.7
New York	95.38	94.59	101.58	94.97	103.69	-8.4
Pennsylvania	75.96	74.32	76.77	75.12	78.89	-4.8
East North Central	69.44	67.27	73.42	68.41	71.36	-4.1
Illinois	45.92	46.10	46.77	46.01	45.36	1.4
Indiana	85.29	81.81	89.81	83.90	88.34	-5.0
Michigan	77.00	84.84	77.66	80.80	82.43	-2.0
Ohio	81.43	78.18	84.08	79.71	86.36	-7.7
Wisconsin	75.52	83.98	87.42	79.47	88.62	-10.3
West North Central	35.23	35.58	37.21	35.41	37.64	-5.9
Iowa	45.27	41.63	45.41	43.47	47.66	-8.8
Kansas	w	w	w	w	w	w
Minnesota	53.05	51.05	54.81	51.51	55.24	-6.8
Missouri	59.59	60.98	60.01	60.25	61.37	-1.8
Nebraska	28.97	w	34.33	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	89.28	91.00	92.33	90.19	93.22	-3.3
Delaware	w	w	-	w	-	-
Florida	90.91	92.21	w	91.54	w	w
Georgia	95.55	98.70	102.88	97.23	105.51	-7.8
Maryland	w	w	w	w	w	w
North Carolina	100.25	101.20	101.14	100.76	102.25	-1.5
South Carolina	92.48	98.50	97.98	96.46	98.94	-2.5
Virginia	75.70	84.23	89.27	80.39	91.35	-12.0
West Virginia	127.75	106.13	101.93	115.76	99.64	16.2
East South Central	89.32	91.22	97.20	90.32	98.02	-7.9
Alabama	92.38	92.48	w	92.44	w	w
Kentucky	90.52	101.89	96.54	95.94	97.30	-1.4
Mississippi	-	-	w	-	w	-
Tennessee	87.30	86.94	95.51	87.12	95.94	-9.2
West South Central	65.18	67.32	73.65	66.30	75.93	-12.7
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	85.25	86.21	84.30	85.77	85.27	0.6
Mountain	54.95	49.81	57.99	52.47	56.12	-6.5
Arizona	w	w	w	w	w	w
Colorado	w	57.73	71.00	w	w	w
Idaho	w	w	70.12	w	w	w
Montana	54.31	37.74	w	42.24	w	w
Nevada	70.90	69.74	70.27	70.36	71.05	-1.0
New Mexico	w	w	w	w	w	w
Utah	48.84	51.63	52.88	49.90	53.77	-7.2
Wyoming	41.72	41.81	44.54	41.76	44.94	-7.1
Pacific	77.76	81.31	82.33	79.46	82.45	-3.6
California	77.81	81.96	83.75	79.74	83.64	-4.7
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	61.32	60.90	66.15	61.11	65.94	-7.3

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons)

NAICS Code		April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	1,726	2,155	1,811	3,882	4,156	-6.6
312	Beverage and Tobacco Product Mfg.	9	13	11	22	27	-21.0
313	Textile Mills	18	38	23	56	58	-3.1
322	Paper Manufacturing	900	1,094	1,161	1,994	2,483	-19.7
324	Petroleum and Coal Products*	1,636	1,642	1,618	3,277	3,305	-0.8
325	Chemical Manufacturing	1,229	1,412	1,480	2,641	3,153	-16.2
327	Nonmetallic Mineral Products Mfg.	2,039	1,652	2,650	3,691	4,928	-25.1
331	Primary Metal Manufacturing**	569	407	522	977	858	13.9
332	Fabricated Metal Product Mfg.	-	-	2	-	2	-
333	Machinery Manufacturing	4	54	43	58	81	-28.8
336	Transportation Equipment Mfg.	-	-	1	-	15	-
337	Furniture and Related Product Mfg.	-	-	3	-	7	-
339	Miscellaneous Manufacturing	232	205	211	436	436	0.2
U.S. Total		8,362	8,672	9,537	17,035	19,510	-12.7

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

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

(dollars per short ton)

NAICS Code		April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	48.17	45.96	47.86	46.94	48.03	-2.3
312	Beverage and Tobacco Product Mfg.	w	107.96	105.54	w	w	w
313	Textile Mills	116.20	104.17	114.69	108.09	113.86	-5.1
322	Paper Manufacturing	76.40	78.40	82.10	77.50	83.68	-7.4
324	Petroleum and Coal Products*	w	w	w	w	w	w
325	Chemical Manufacturing	73.54	73.42	77.80	73.47	77.44	-5.1
327	Nonmetallic Mineral Products Mfg.	73.43	76.47	78.43	74.79	78.54	-4.8
331	Primary Metal Manufacturing**	103.87	109.83	107.57	106.36	119.65	-11.1
332	Fabricated Metal Product Mfg.	-	-	w	-	w	-
333	Machinery Manufacturing	w	w	w	w	w	w
336	Transportation Equipment Mfg.	-	-	w	-	w	-
337	Furniture and Related Product Mfg.	-	-	w	-	w	-
339	Miscellaneous Manufacturing	57.60	75.94	77.95	66.17	76.40	-13.4
U.S. Total		61.32	60.90	66.15	61.11	65.94	-7.3

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	4	23	9	27	52	-47.4
Pennsylvania	4	23	9	27	52	-47.4
East North Central	42	85	65	127	172	-26.1
Illinois	25	34	18	59	51	16.5
Indiana	13	15	13	28	29	-3.8
Michigan	-	-	15	-	18	-
Ohio	4	21	17	24	57	-57.5
Wisconsin	s	15	-	15	16	-4.5
West North Central	35	92	63	127	186	-31.6
Iowa	28	41	44	69	95	-27.4
Minnesota	s	7	s	7	8	-4.1
Missouri	s	19	11	19	39	-50.2
North Dakota	7	25	7	32	45	-29.1
South Atlantic	30	43	48	73	106	-31.0
District of Columbia	2	-	-	2	-	-
North Carolina	19	34	37	54	87	-38.3
Virginia	9	9	10	18	19	-7.7
East South Central	7	6	2	13	12	10.2
Kentucky	7	6	2	13	8	59.4
Tennessee	-	-	-	-	4	-
West South Central	-	-	2	-	7	-
Texas	-	-	2	-	7	-
Mountain	1	2	4	4	10	-61.6
Colorado	-	-	1	-	3	-
Wyoming	1	2	3	4	7	-45.2
Pacific	101	140	132	241	291	-17.3
Alaska	101	140	132	241	291	-17.3
U.S. Total	220	392	324	613	836	-26.7

- = No data reported.

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

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

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

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

(dollars per short ton)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	114.30	117.38	118.34	116.90	114.98	1.7
Pennsylvania	114.30	117.38	118.34	116.90	114.98	1.7
East North Central	60.48	91.01	79.36	80.95	86.42	-6.3
Illinois	51.82	56.69	56.44	54.61	58.30	-6.3
Indiana	w	w	w	w	w	w
Michigan	-	-	w	-	w	-
Ohio	w	w	110.62	w	w	w
Wisconsin	w	154.34	-	w	w	w
West North Central	79.58	72.68	83.53	74.59	77.86	-4.2
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	w
South Atlantic	108.23	98.42	113.51	102.42	114.43	-10.5
District of Columbia	w	-	-	w	-	-
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
Kentucky	w	w	w	w	w	w
Tennessee	-	-	-	-	99.80	-
West South Central	-	-	w	-	w	-
Texas	-	-	w	-	w	-
Mountain	w	w	w	w	w	w
Colorado	-	-	w	-	w	-
Wyoming	w	w	w	w	w	w
Pacific	w	w	75.90	w	w	w
Alaska	w	w	75.90	w	w	w
U.S. Total	80.38	84.80	85.78	83.21	87.16	-4.5

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

Consumption

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

(thousand short tons)

Year and Quarter	Electric Power Sector ¹	Coke Plants	Other Industrial			Commercial and Institutional			Total
			CHP ²	Non-CHP ³	Total	CHP ⁴	Non-CHP ⁵	Total	
2010									
January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,939
April - June	229,469	5,353	6,128	5,786	11,914	370	238	608	247,344
July - September	267,943	5,491	6,257	6,027	12,284	426	216	642	286,361
October - December	231,195	5,391	6,057	6,432	12,490	414	379	793	249,870
Total	975,052	21,092	24,638	24,650	49,289	1,720	1,361	3,081	1,048,514
2011									
January - March	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
Total	932,484	21,434	22,319	23,919	46,238	1,668	1,125	2,793	1,002,948
2012									
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
Total	823,551	20,751	20,065	22,773	42,838	1,450	595	2,045	889,185
2013									
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
Total	857,962	21,474	19,761	23,294	43,055	1,356	595	1,951	924,442
2014									
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
Total	851,602	21,297	19,076	23,870	42,946	1,063	824	1,887	917,731
2015									
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
Total	738,444	19,708	16,984	21,475	38,459	798	706	1,503	798,115
2016									
January - March	152,245	4,124	4,268	4,866	9,134	228	220	448	165,951
April - June	147,209	4,096	3,366	5,118	8,484	136	73	209	159,998
Total	299,454	8,219	7,634	9,984	17,618	364	293	657	325,949
2015 January - June	371,032	10,143	8,697	11,007	19,704	442	426	869	401,748
2014 January - June	427,455	10,059	9,713	11,882	21,595	613	488	1,101	460,211

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

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

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

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

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

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

Source: U.S. Energy Information Administration (EIA). *Electric Power Sector and CHP: Form EIA-923, 'Power Plant Operations Report.' *Coke Plants: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' *Other Industrial: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data,' Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and Form EIA-923, 'Power Plant Operations Report.'

*Commercial and Institutional: Form EIA-3, 'Quarterly Survey of Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

Table 33. Coal Carbonized at Coke Plants by Census Division

(thousand short tons)

Census Division	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,208	1,150	1,616	2,358	3,202	-26.4
East North Central	2,172	2,281	2,627	4,453	5,407	-17.6
South Atlantic	398	396	429	794	867	-8.4
East South Central	318	296	315	614	667	-7.9
U.S. Total	4,096	4,124	4,987	8,219	10,143	-19.0

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

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

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

(thousand short tons)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
New England	4	5	18	9	54	-83.0
Maine	3	4	3	7	22	-66.6
Massachusetts	1	1	15	2	32	-94.0
Middle Atlantic	411	468	537	878	1,036	-15.2
New York	94	137	146	232	283	-18.2
Pennsylvania	316	330	391	647	753	-14.1
East North Central	1,711	1,846	1,799	3,557	3,932	-9.5
Illinois	587	652	563	1,239	1,389	-10.8
Indiana	556	496	443	1,052	805	30.7
Michigan	174	230	224	404	499	-19.0
Ohio	194	220	271	415	578	-28.3
Wisconsin	200	247	298	447	661	-32.4
West North Central	2,917	3,197	3,060	6,114	6,562	-6.8
Iowa	603	591	639	1,193	1,465	-18.5
Kansas	28	20	28	47	49	-4.4
Minnesota	174	393	222	567	503	12.6
Missouri	164	162	243	326	505	-35.4
Nebraska	237	275	288	512	581	-12.0
North Dakota	1,664	1,706	1,588	3,369	3,365	0.1
South Dakota	48	51	52	99	93	6.7
South Atlantic	896	991	1,028	1,888	2,231	-15.4
Delaware	30	28	-	58	-	-
Florida	117	124	144	241	287	-15.8
Georgia	103	133	110	236	274	-14.0
Maryland	137	118	173	255	330	-22.7
North Carolina	124	142	133	266	286	-6.9
South Carolina	71	97	109	168	242	-30.3
Virginia	140	191	144	331	376	-12.0
West Virginia	174	158	215	332	436	-23.9
East South Central	966	1,022	1,146	1,988	2,316	-14.2
Alabama	279	311	334	590	664	-11.2
Kentucky	190	167	251	357	507	-29.7
Mississippi	1	1	29	1	53	-97.8
Tennessee	497	544	533	1,040	1,091	-4.7
West South Central	408	444	495	852	996	-14.5
Arkansas	46	55	50	101	96	5.4
Louisiana	65	67	61	132	108	22.3
Oklahoma	145	140	154	284	308	-7.6
Texas	152	182	230	334	485	-31.0
Mountain	811	801	814	1,612	1,806	-10.7
Arizona	50	38	68	88	112	-21.5
Colorado	78	71	73	148	161	-8.1
Idaho	11	34	19	45	135	-66.7
Montana	26	91	37	117	122	-3.8
Nevada	67	67	69	134	150	-10.8
New Mexico	21	15	18	36	27	30.5
Utah	165	85	156	250	316	-20.9
Wyoming	393	400	375	793	781	1.5
Pacific	361	361	415	721	772	-6.6
Alaska	s	s	s	1	1	s
California	332	332	346	664	652	1.8
Hawaii	3	2	10	4	28	-84.5
Oregon	-	-	31	-	37	-
Washington	26	27	28	52	55	-3.8
U.S. Total	8,484	9,134	9,311	17,618	19,704	-10.6

-- No data reported.

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

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

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

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

(thousand short tons)

NAICS Code	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
311 Food Manufacturing	1,699	2,234	1,664	3,932	4,199	-6.4
312 Beverage and Tobacco Product Mfg.	11	12	12	22	28	-19.9
313 Textile Mills	18	38	23	56	62	-10.2
321 Wood Product Manufacturing	-	-	7	-	14	-
322 Paper Manufacturing	945	1,176	1,163	2,121	2,593	-18.2
324 Petroleum and Coal Products*	1,628	1,629	1,616	3,257	3,293	-1.1
325 Chemical Manufacturing	1,274	1,472	1,563	2,745	3,247	-15.5
327 Nonmetallic Mineral Products Mfg.	2,037	1,902	2,476	3,939	4,730	-16.7
331 Primary Metal Manufacturing**	618	448	540	1,066	992	7.4
332 Fabricated Metal Product Mfg.	1	3	1	4	10	-60.9
333 Machinery Manufacturing	15	21	31	36	58	-39.0
336 Transportation Equipment Mfg.	s	2	3	2	20	-90.6
337 Furniture and Related Product Mfg.	-	-	2	-	7	-
339 Miscellaneous Manufacturing	239	199	211	438	449	-2.5
U.S. Total	8,484	9,134	9,311	17,618	19,704	-10.6

* 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 Non-Electric Sector Coal Data.'

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

(thousand short tons)

Census Division and State	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	4	24	9	28	53	-46.4
Pennsylvania	4	24	9	28	53	-46.4
East North Central	46	115	63	161	197	-18.3
Illinois	26	31	20	57	53	8.2
Indiana	15	23	17	37	38	-1.0
Michigan	s	14	11	14	28	-49.9
Ohio	5	31	15	36	61	-41.1
Wisconsin	s	16	s	17	18	-6.2
West North Central	37	93	67	131	181	-27.8
Iowa	30	40	39	70	89	-21.0
Minnesota	s	6	s	7	6	8.9
Missouri	2	19	12	21	39	-47.0
North Dakota	5	27	16	33	46	-29.3
South Atlantic	21	65	40	85	125	-32.0
District of Columbia	-	1	-	1	1	-18.6
Georgia	-	-	-	-	2	-
Maryland	-	-	-	-	1	-
North Carolina	17	46	31	62	87	-28.4
Virginia	4	18	9	22	34	-35.9
East South Central	3	8	s	11	17	-35.9
Kentucky	3	8	s	11	12	-3.9
Tennessee	-	-	-	-	6	-
West South Central	-	-	2	-	5	-
Texas	-	-	2	-	5	-
Mountain	1	3	4	4	11	-57.9
Colorado	s	s	1	s	3	-88.2
Montana	-	s	-	s	1	-48.1
Wyoming	1	2	3	4	7	-45.2
Pacific	96	140	117	237	280	-15.6
Alaska	96	140	117	237	280	-15.6
U.S. Total	209	448	302	657	869	-24.3

- = No data reported.

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

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

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

Stocks

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

(thousand short tons)

Last Day of Quarter	Coal Consumers					Total	Coal Producers and Distributors	Total
	Electric Power Sector ¹	Coke Plants	Other Industrial ²	Commercial and Institutional Users				
2010								
March 31	177,742	1,583	4,175	471	183,970	50,936	234,906	
June 30	181,490	1,978	4,272	505	188,244	51,497	239,741	
September 30	163,776	1,889	4,492	517	170,674	49,913	220,587	
December 31	174,917	1,925	4,525	552	181,920	49,820	231,740	
2011								
March 31	166,255	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	
2012								
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	
2013								
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	
2014								
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	
2015								
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	
2016								
March 31	192,269	1,914	3,956	332	198,471	35,207*	233,678	
June 30	183,248	1,802	3,834	337	189,222	32,932*	222,154	

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

2 Manufacturing plants only.

* Estimated.

-- No data reported.

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

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

Table 38. Coal Stocks at Coke Plants by Census Division

(thousand short tons)

Census Division	June 30, 2016	March 31, 2016	June 30, 2015	Percent Change (June 30) 2016 versus 2015
Middle Atlantic	511	696	1,107	-53.8
East North Central	902	904	1,247	-27.6
South Atlantic	144	96	97	48.7
East South Central	244	218	177	37.7
U.S. Total	1,802	1,914	2,627	-31.4

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

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

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

(thousand short tons)

Census Division and State	June 30, 2016	March 31, 2016	June 30, 2015	Percent Change (June 30) 2016 versus 2015
New England	5	5	9	-44.4
Maine	1	1	1	-12.8
Massachusetts	4	4	8	-47.3
Middle Atlantic	323	317	297	8.8
New York	123	113	115	7.3
Pennsylvania	200	204	182	9.8
East North Central	732	705	704	3.9
Illinois	127	122	139	-8.5
Indiana	216	190	152	42.1
Michigan	238	262	249	-4.4
Ohio	35	34	40	-13.1
Wisconsin	116	97	125	-6.8
West North Central	825	875	874	-5.7
Iowa	150	169	154	-2.7
Kansas	39	42	44	-11.3
Minnesota	222	280	216	2.7
Missouri	78	64	89	-11.9
Nebraska	75	102	104	-27.7
North Dakota	209	157	195	7.2
South Dakota	52	60	72	-28.6
South Atlantic	436	482	510	-14.5
Delaware	4	4	-	-
Florida	93	61	73	26.2
Georgia	95	114	123	-22.6
Maryland	18	13	15	16.0
North Carolina	27	28	30	-11.2
South Carolina	86	109	100	-14.0
Virginia	66	61	71	-7.9
West Virginia	48	92	97	-50.3
East South Central	266	279	279	-4.8
Alabama	111	120	109	2.1
Kentucky	32	39	37	-14.8
Mississippi	-	-	3	-100.0
Tennessee	123	120	130	-5.2
West South Central	496	548	495	0.3
Arkansas	40	41	39	2.4
Louisiana	10	10	7	40.5
Oklahoma	154	185	144	6.9
Texas	291	312	304	-4.1
Mountain	535	533	493	8.4
Arizona	55	37	29	88.7
Colorado	28	47	35	-20.2
Idaho	292	262	209	40.1
Montana	26	23	24	7.9
Nevada	17	23	34	-50.1
New Mexico	2	2	3	-29.6
Utah	43	51	85	-49.3
Wyoming	71	87	75	-4.2
Pacific	217	211	202	7.5
California	173	168	155	11.8
Hawaii	14	16	15	-10.0
Oregon	25	20	25	0.8
Washington	5	7	7	-25.1
U.S. Total	3,834	3,956	3,864	-0.8

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

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

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

(thousand short tons)

NAICS Code	June 30, 2016	March 31, 2016	June 30, 2015	Percent Change (June 30) 2016 versus 2015
311 Food Manufacturing	776	745	716	8.3
312 Beverage and Tobacco Product Mfg.	1	3	s	236.6
313 Textile Mills	15	16	14	8.6
321 Wood Product Manufacturing	-	-	3	-100.0
322 Paper Manufacturing	457	502	503	-9.1
324 Petroleum and Coal Products*	187	180	177	5.9
325 Chemical Manufacturing	418	474	471	-11.3
327 Nonmetallic Mineral Products Mfg.	1,491	1,500	1,557	-4.2
331 Primary Metal Manufacturing**	360	408	322	11.9
332 Fabricated Metal Product Mfg.	s	2	6	-93.2
333 Machinery Manufacturing	38	49	35	9.1
336 Transportation Equipment Mfg.	6	6	3	74.8
337 Furniture and Related Product Mfg.	-	-	3	-100.0
339 Miscellaneous Manufacturing	84	71	52	59.8
U.S. Total	3,834	3,956	3,864	-0.8

* 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 Non-Electric Sector Coal Data.'

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

(thousand short tons)

Census Division	June 30, 2016	March 31, 2016	June 30, 2015	Percent Change (June 30) 2016 versus 2015
Middle Atlantic	122	180	282	-56.9
East North Central	550	524	761	-27.7
South Atlantic	79	65	56	39.6
East South Central	214	235	185	15.7
U.S. Total	964	1,004	1,285	-24.9
Coke Total	765	831	1,127	-32.2
Breeze Total	200	173	158	26.7

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 Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

(thousand short tons)

Census Division and State	June 30, 2016	March 31, 2016	June 30, 2015	Percent Change (June 30) 2016 versus 2015
Middle Atlantic	46	46	45	2.1
Pennsylvania	46	46	45	2.1
East North Central	55	62	99	-44.2
Illinois	15	18	20	-27.0
Indiana	32	34	40	-20.6
Michigan	-	s	25	-100.0
Ohio	7	8	15	-53.2
Wisconsin	2	2	-	-
West North Central	60	65	64	-5.9
Iowa	34	38	41	-15.0
Minnesota	13	13	12	9.5
Missouri	-	2	2	-100.0
North Dakota	13	13	9	38.2
South Atlantic	62	53	44	42.3
District of Columbia	4	2	2	99.2
North Carolina	35	33	26	37.3
South Carolina	s	s	s	s
Virginia	23	18	16	44.0
East South Central	13	9	10	29.5
Kentucky	13	9	10	30.2
Tennessee	s	s	s	s
West South Central	-	s	3	-100.0
Texas	-	s	3	-100.0
Mountain	3	3	5	-39.4
Colorado	s	s	s	-55.6
Montana	3	3	4	-38.9
Wyoming	s	s	s	s
Pacific	98	94	117	-16.2
Alaska	98	94	117	-16.2
U.S. Total	337	332	386	-12.6

- = No data reported.

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

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

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

Quality

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

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
New England						
Btu	12,689	12,591	13,366	12,634	13,107	-3.6
Sulfur	0.87	0.84	0.77	0.85	0.76	11.6
Ash	8.28	8.42	6.55	8.35	7.14	17.0
Maine						
Btu	12,619	12,619	12,458	12,619	12,464	1.2
Sulfur	0.79	0.79	0.68	0.79	0.71	10.7
Ash	8.31	8.31	7.98	8.31	8.17	1.8
Massachusetts						
Btu	12,889	12,436	13,549	12,696	13,529	-6.2
Sulfur	1.10	1.10	0.79	1.10	0.80	38.2
Ash	8.18	8.99	6.26	8.53	6.46	31.9
Middle Atlantic						
Btu	13,665	13,803	13,684	13,735	13,695	0.3
Sulfur	0.94	1.16	1.07	1.05	1.08	-2.4
Ash	7.26	7.96	8.38	7.62	8.36	-8.9
New York						
Btu	13,485	13,502	13,078	13,494	13,160	2.5
Sulfur	1.31	1.60	1.53	1.46	1.42	2.7
Ash	6.69	7.22	9.14	6.97	8.83	-21.0
Pennsylvania						
Btu	13,682	13,834	13,742	13,759	13,741	0.1
Sulfur	0.91	1.12	1.02	1.01	1.05	-3.5
Ash	7.32	8.04	8.31	7.68	8.32	-7.6
East North Central						
Btu	13,133	13,128	13,137	13,130	13,042	0.7
Sulfur	1.20	1.32	1.15	1.26	1.25	0.7
Ash	7.29	7.23	7.24	7.26	7.30	-0.5
Illinois						
Btu	11,564	11,566	11,602	11,565	11,478	0.8
Sulfur	2.17	2.37	2.04	2.27	2.11	7.6
Ash	7.78	7.94	7.45	7.86	7.52	4.6
Indiana						
Btu	13,937	14,021	13,836	13,978	13,875	0.7
Sulfur	0.88	0.93	0.91	0.90	0.92	-2.0
Ash	7.16	6.93	7.07	7.05	7.16	-1.6
Michigan						
Btu	12,839	12,105	12,773	12,631	12,606	0.2
Sulfur	0.75	0.64	0.75	0.72	0.77	-6.6
Ash	6.77	5.84	7.03	6.50	7.06	-7.9
Ohio						
Btu	13,810	13,872	13,995	13,841	13,955	-0.8
Sulfur	1.12	1.15	1.14	1.14	1.18	-3.4
Ash	7.36	7.41	7.50	7.39	7.46	-1.0
Wisconsin						
Btu	10,860	10,354	11,090	10,624	10,997	-3.4
Sulfur	0.80	0.90	1.22	0.85	1.30	-35.0
Ash	6.81	6.33	7.12	6.59	7.03	-6.3
West North Central						
Btu	8,175	8,205	8,290	8,191	8,281	-1.1
Sulfur	0.94	0.85	0.94	0.90	0.93	-3.5
Ash	6.31	6.09	6.37	6.20	6.31	-1.8
Iowa						
Btu	9,175	9,086	9,264	9,131	9,159	-0.3
Sulfur	0.89	0.80	0.98	0.85	0.86	-2.0
Ash	5.26	5.17	5.38	5.21	5.22	-0.1
Kansas						
Btu	10,966	10,760	12,145	10,863	11,961	-9.2
Sulfur	1.59	2.12	1.60	1.85	1.57	18.0
Ash	9.84	12.98	10.00	11.41	9.66	18.1

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Minnesota						
Btu	9,286	9,322	9,003	9,314	9,144	1.9
Sulfur	0.33	0.36	0.27	0.35	0.31	15.3
Ash	4.08	4.20	5.33	4.17	4.81	-13.3
Missouri						
Btu	11,290	11,249	11,200	11,271	11,176	0.8
Sulfur	2.20	2.03	2.27	2.12	2.24	-5.1
Ash	8.17	8.73	9.04	8.43	9.00	-6.3
Nebraska						
Btu	9,233	8,808	9,116	8,993	8,959	0.4
Sulfur	0.26	0.22	0.24	0.24	0.24	0.1
Ash	5.12	4.57	4.61	4.81	4.66	3.3
North Dakota						
Btu	7,247	7,224	7,195	7,236	7,210	0.4
Sulfur	0.95	0.97	0.96	0.96	0.97	-1.5
Ash	6.72	6.74	6.77	6.73	6.79	-1.0
South Dakota						
Btu	8,126	8,223	8,161	8,177	8,199	-0.3
Sulfur	0.43	0.57	0.42	0.50	0.46	10.7
Ash	5.51	6.29	5.33	5.92	5.61	5.4
South Atlantic						
Btu	13,235	13,316	13,134	13,277	13,150	1.0
Sulfur	1.18	1.16	1.13	1.17	1.13	3.6
Ash	9.21	8.70	9.75	8.94	9.49	-5.8
Delaware						
Btu	11,572	11,560	-	11,566	-	-
Sulfur	2.33	2.32	-	2.33	-	-
Ash	7.35	7.72	-	7.53	-	-
Florida						
Btu	13,228	12,997	13,052	13,116	12,986	1.0
Sulfur	0.99	1.14	1.04	1.06	0.96	11.2
Ash	5.20	6.72	7.55	5.93	7.58	-21.7
Georgia						
Btu	12,802	13,036	12,994	12,927	13,050	-0.9
Sulfur	0.99	1.00	1.11	1.00	1.11	-10.6
Ash	9.40	8.10	9.13	8.70	8.50	2.4
Maryland						
Btu	10,913	10,881	11,003	10,898	11,107	-1.9
Sulfur	1.84	1.91	1.87	1.87	1.95	-4.3
Ash	23.83	23.32	23.31	23.60	22.92	3.0
North Carolina						
Btu	13,063	13,032	12,914	13,047	12,894	1.2
Sulfur	0.95	0.94	0.92	0.95	0.92	2.5
Ash	7.40	6.93	7.13	7.15	6.92	3.2
South Carolina						
Btu	12,889	13,176	12,776	13,079	12,819	2.0
Sulfur	0.93	0.74	0.99	0.81	0.92	-12.0
Ash	6.99	7.45	6.21	7.29	6.37	14.5
Virginia						
Btu	13,955	14,033	13,880	13,995	13,867	0.9
Sulfur	1.05	1.09	1.06	1.07	1.08	-0.7
Ash	7.40	7.12	8.08	7.25	7.79	-6.9
West Virginia						
Btu	13,907	13,793	13,540	13,844	13,484	2.7
Sulfur	1.21	1.16	1.04	1.18	1.03	14.2
Ash	7.76	7.87	8.43	7.82	8.67	-9.8
East South Central						
Btu	13,465	13,450	13,270	13,458	13,252	1.5
Sulfur	1.16	1.09	1.18	1.12	1.19	-5.6
Ash	7.35	7.21	7.60	7.28	7.61	-4.4
Alabama						
Btu	13,873	13,645	13,499	13,754	13,516	1.8
Sulfur	1.00	0.93	0.97	0.96	1.05	-8.1
Ash	7.53	7.44	7.68	7.48	7.78	-3.9

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Kentucky						
Btu	12,742	13,720	13,172	13,209	13,211	s
Sulfur	1.22	0.98	1.08	1.10	1.05	5.3
Ash	7.41	6.57	6.98	7.01	6.67	5.0
Mississippi						
Btu	-	-	11,591	-	11,558	-
Sulfur	-	-	2.23	-	2.25	-
Ash	-	-	7.95	-	7.94	-
Tennessee						
Btu	13,252	13,122	13,114	13,185	13,047	1.1
Sulfur	1.33	1.32	1.43	1.33	1.37	-3.2
Ash	7.10	7.15	7.77	7.13	7.83	-8.9
West South Central						
Btu	9,858	9,961	10,119	9,912	10,178	-2.6
Sulfur	0.62	0.63	0.60	0.63	0.61	2.4
Ash	8.07	8.15	7.69	8.11	7.73	4.9
Arkansas						
Btu	11,925	12,000	11,841	11,965	11,883	0.7
Sulfur	1.50	1.36	1.47	1.42	1.44	-1.5
Ash	11.48	10.60	11.21	11.01	10.88	1.2
Louisiana						
Btu	7,545	7,856	7,649	7,705	7,805	-1.3
Sulfur	0.62	0.66	0.71	0.64	0.76	-14.9
Ash	6.28	6.42	6.18	6.35	6.28	1.2
Oklahoma						
Btu	9,436	9,539	9,665	9,487	9,610	-1.3
Sulfur	0.37	0.39	0.35	0.38	0.37	0.7
Ash	5.21	5.33	5.19	5.27	5.40	-2.5
Texas						
Btu	10,637	10,492	10,586	10,558	10,647	-0.8
Sulfur	0.55	0.56	0.55	0.55	0.56	-1.9
Ash	10.25	10.12	8.74	10.18	8.77	16.1
Mountain						
Btu	10,721	10,313	10,721	10,524	10,565	-0.4
Sulfur	0.62	0.59	0.62	0.60	0.59	1.7
Ash	7.70	6.39	7.21	7.07	7.23	-2.2
Arizona						
Btu	11,583	11,908	11,406	11,692	11,511	1.6
Sulfur	0.69	0.89	0.65	0.75	0.66	13.7
Ash	11.70	10.21	11.38	11.20	10.92	2.6
Colorado						
Btu	11,962	10,568	11,765	11,246	11,434	-1.6
Sulfur	0.58	0.45	0.70	0.52	0.60	-13.5
Ash	9.42	7.13	6.65	8.25	6.91	19.3
Idaho						
Btu	11,299	11,047	11,210	11,215	11,100	1.0
Sulfur	0.54	0.60	0.64	0.56	0.64	-12.0
Ash	11.03	9.10	7.69	10.38	7.79	33.4
Montana						
Btu	9,644	8,680	9,457	8,942	8,964	-0.2
Sulfur	0.37	0.36	0.36	0.36	0.36	0.2
Ash	4.73	5.18	4.56	5.06	5.05	0.2
Nevada						
Btu	11,351	11,333	11,612	11,343	11,269	0.6
Sulfur	0.43	0.48	0.48	0.45	0.49	-8.0
Ash	8.78	9.81	8.96	9.26	10.09	-8.2
New Mexico						
Btu	12,246	12,316	12,356	12,275	12,364	-0.7
Sulfur	0.67	0.77	0.95	0.71	0.82	-13.5
Ash	10.01	9.76	9.69	9.91	9.29	6.6
Utah						
Btu	11,431	11,514	11,386	11,463	11,488	-0.2
Sulfur	0.54	0.55	0.53	0.54	0.54	0.5
Ash	10.65	10.93	10.68	10.76	10.55	1.9

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Wyoming						
Btu	9,911	9,913	9,774	9,912	9,744	1.7
Sulfur	0.70	0.64	0.66	0.67	0.64	4.5
Ash	5.07	4.38	4.79	4.71	4.87	-3.3
Pacific						
Btu	11,424	11,426	11,605	11,425	11,541	-1.0
Sulfur	0.58	0.63	0.59	0.60	0.56	7.7
Ash	10.45	9.88	9.50	10.18	9.88	3.0
California						
Btu	11,568	11,614	11,778	11,589	11,685	-0.8
Sulfur	0.59	0.66	0.63	0.62	0.58	7.8
Ash	10.87	10.36	10.01	10.63	10.35	2.7
Hawaii						
Oregon						
Btu	11,708	11,484	11,968	11,541	11,855	-2.6
Sulfur	0.52	0.53	0.53	0.53	0.52	2.0
Ash	10.47	11.21	9.32	11.02	9.72	13.4
Washington						
Btu	9,287	9,401	9,343	9,349	9,380	-0.3
Sulfur	0.36	0.33	0.33	0.34	0.33	4.2
Ash	4.42	4.10	4.26	4.25	4.18	1.5
U.S. Total						
Btu	11,773	11,702	11,939	11,737	11,836	-0.8
Sulfur	1.03	1.06	1.03	1.04	1.05	-0.8
Ash	7.40	7.24	7.60	7.32	7.58	-3.5

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 Non-Electric Sector Coal Data.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic						
Btu	13,419	12,945	13,414	13,018	13,184	-1.3
Sulfur	0.94	0.84	0.88	0.85	0.96	-10.5
Ash	7.60	8.52	8.91	8.38	8.50	-1.4
Pennsylvania						
Btu	13,419	12,945	13,414	13,018	13,184	-1.3
Sulfur	0.94	0.84	0.88	0.85	0.96	-10.5
Ash	7.60	8.52	8.91	8.38	8.50	-1.4
East North Central						
Btu	11,443	12,213	12,071	11,959	12,246	-2.3
Sulfur	2.95	2.16	2.45	2.42	2.18	11.2
Ash	9.13	8.12	8.33	8.45	7.97	6.0
Illinois						
Btu	11,243	11,306	11,132	11,279	11,130	1.3
Sulfur	3.23	3.18	3.20	3.20	3.18	0.8
Ash	9.47	9.19	9.71	9.31	9.44	-1.4
Indiana						
Btu	11,328	11,205	11,125	11,261	11,208	0.5
Sulfur	2.99	3.01	3.14	3.00	2.98	0.7
Ash	9.41	9.49	9.71	9.45	9.63	-1.8
Michigan						
Btu	-	-	12,388	-	12,388	-
Sulfur	-	-	2.59	-	2.59	-
Ash	-	-	8.36	-	8.36	-
Ohio						
Btu	13,216	13,599	13,511	13,543	13,404	1.0
Sulfur	0.90	0.88	1.00	0.89	1.15	-23.1
Ash	5.72	5.70	5.77	5.70	6.12	-6.9
Wisconsin						
Btu	13,375	13,375	-	13,375	13,395	-0.2
Sulfur	0.78	0.78	-	0.78	0.75	4.6
Ash	7.65	7.65	-	7.65	6.44	18.9
West North Central						
Btu	10,840	10,370	11,000	10,501	10,557	-0.5
Sulfur	2.22	1.89	2.36	1.98	1.95	1.8
Ash	8.80	8.57	8.96	8.64	8.84	-2.3
Iowa						
Btu	11,361	11,282	11,331	11,314	11,285	0.3
Sulfur	2.60	2.46	2.50	2.52	2.37	6.4
Ash	8.74	8.62	8.90	8.67	8.95	-3.2
Minnesota						
Btu	9,350	8,904	9,476	8,921	8,963	-0.5
Sulfur	0.37	0.21	0.26	0.22	0.18	18.8
Ash	4.20	5.65	3.68	5.59	3.93	42.3
Missouri						
Btu	11,320	11,316	11,373	11,316	11,358	-0.4
Sulfur	2.98	2.92	3.07	2.92	3.05	-4.2
Ash	8.91	8.68	8.66	8.68	8.61	0.9
North Dakota						
Btu	8,701	8,602	8,534	8,622	8,613	0.1
Sulfur	0.64	0.68	0.60	0.67	0.42	59.3
Ash	9.24	9.24	9.95	9.24	9.64	-4.2
South Atlantic						
Btu	13,276	13,275	13,361	13,275	13,276	s
Sulfur	1.40	1.53	1.12	1.48	1.16	27.5
Ash	9.96	8.38	8.85	9.02	8.43	7.0
District of Columbia						
Btu	13,260	-	-	13,260	-	-
Sulfur	0.51	-	-	0.51	-	-
Ash	6.64	-	-	6.64	-	-

Census Division and State ¹	April - June 2016	January - March 2016	April - June 2015	Year to Date		Percent Change
				2016	2015	
North Carolina						
Btu	13,420	13,271	13,388	13,324	13,287	0.3
Sulfur	1.64	1.63	1.21	1.64	1.24	31.7
Ash	9.26	7.60	8.55	8.19	8.28	-1.1
Virginia						
Btu	12,966	13,289	13,265	13,128	13,228	-0.8
Sulfur	1.05	1.14	0.80	1.10	0.78	40.2
Ash	12.17	11.39	9.92	11.78	9.09	29.5
East South Central						
Btu	13,252	13,255	13,712	13,253	13,126	1.0
Sulfur	0.71	0.68	0.70	0.70	0.82	-15.3
Ash	5.86	5.89	6.06	5.87	6.97	-15.7
Kentucky						
Btu	13,252	13,255	13,712	13,253	13,236	0.1
Sulfur	0.71	0.68	0.70	0.70	0.67	3.8
Ash	5.86	5.89	6.06	5.87	6.19	-5.1
Tennessee						
Btu	-	-	-	-	12,878	-
Sulfur	-	-	-	-	1.16	-
Ash	-	-	-	-	8.72	-
West South Central						
Btu	-	-	13,127	-	13,290	-
Sulfur	-	-	0.66	-	0.66	-
Ash	-	-	8.30	-	7.95	-
Texas						
Btu	-	-	13,127	-	13,290	-
Sulfur	-	-	0.66	-	0.66	-
Ash	-	-	8.30	-	7.95	-
Mountain						
Btu	11,417	8,613	10,362	9,553	11,068	-13.7
Sulfur	0.54	0.32	0.41	0.39	0.45	-11.7
Ash	9.55	3.80	6.90	5.73	8.31	-31.0
Colorado						
Btu	-	-	11,647	-	11,573	-
Sulfur	-	-	0.45	-	0.45	-
Ash	-	-	9.07	-	9.10	-
Montana						
Wyoming						
Btu	11,417	8,613	10,030	9,553	10,853	-12.0
Sulfur	0.54	0.32	0.40	0.39	0.44	-11.3
Ash	9.55	3.80	6.34	5.73	7.97	-28.1
Pacific						
Btu	7,541	7,617	7,705	7,585	7,645	-0.8
Sulfur	0.15	0.13	0.18	0.13	0.18	-25.9
Ash	5.73	5.79	7.82	5.76	7.78	-25.9
Alaska						
Btu	7,541	7,617	7,705	7,585	7,645	-0.8
Sulfur	0.15	0.13	0.18	0.13	0.18	-25.9
Ash	5.73	5.79	7.82	5.76	7.78	-25.9
U.S. Total						
Btu	9,904	10,297	10,317	10,156	10,465	-3.0
Sulfur	1.22	1.19	1.23	1.20	1.17	2.2
Ash	7.51	7.38	8.30	7.43	8.18	-9.2

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 Non-Electric Sector Coal Data.'