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Quarterly Coal Report

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Contacts

This publication was prepared by the U.S. Energy Information Administration. General information about the data in this report can be obtained from InfoCoal@eia.gov.

Requests for additional information on other statistics available from the U.S. Energy Information Administration or questions concerning subscriptions and report distribution may be directed to the Office of Communications of the U.S. Energy Information Administration at infoctr@eia.gov.

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 2017 QCR includes detailed quarterly coal data for April – June 2017 and aggregated quarterly historical coal data for 2010 through second quarter 2017.

All data for 2015 and prior years are final. All data for 2016 and 2017 are preliminary.

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

(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
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	37,304*	165,984	14,153	198,466	-
April - June	160,853	2,292	1,898	37,127*	160,013	14,223	189,222	-
July - September	195,101	2,733	2,397	33,574*	223,108	12,552	163,988	-
October - December	199,186	2,127	1,953	33,699*	180,696	19,343	169,616	-
Total	728,364	9,850	8,727		729,801	60,271		-8,015
2017								
January - March	197,033	1,915	2,402	34,719*	173,598	22,307	168,856	-
April - June	187,082	2,197	1,743	34,240*	167,235	21,796	165,785	-
Total	384,115	4,112	4,145		340,833	44,103		10,725
2016 January - June	334,078	4,989	4,376		325,997	28,376		-
2015 January - June	452,880	5,649	5,030		401,748	41,745		-

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, 2011 - 2017

(thousand short tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks¹	Consumption²	Exports
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
July - September	2,987	73	656	2,877	291
October - December	2,992	57	579	2,659	467
Total	11,855	229		11,212	1,000
2017					
January - March	3,027	1	448	2,918	242
April - June	3,124	27	414	2,953	231
Total	6,151	29		5,871	473
2016 January - June	5,876	99		5,676	242
2015 January - June	7,122	13		6,340	465

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, 2011 - 2017

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
2011	273,478	264,291	275,006	282,853	1,095,628
2012	266,865	241,047	258,956	249,591	1,016,458
2013	244,867	243,211	257,595	239,169	984,842
2014	245,271	245,844	255,377	253,557	1,000,049
2015	240,324	212,557	236,823	207,237	896,941
2016	173,225	160,853	195,101	199,186	728,364
2017	197,033	187,082	-	-	384,115

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Alabama	3,476	3,273	2,322	6,749	4,770	41.5
Alaska	199	259	228	458	538	-14.8
Arizona	1,383	1,667	1,235	3,050	2,569	18.7
Arkansas	17	10	15	27	27	-0.3
Colorado	4,371	3,784	3,081	8,155	5,591	45.8
Illinois	12,771	12,617	11,062	25,388	22,289	13.9
Indiana	7,627	8,386	6,963	16,013	14,187	12.9
Kansas	-	-	-	-	27	-
Kentucky Total	11,369	11,422	9,971	22,791	21,414	6.4
Eastern (Kentucky)	5,363	4,662	3,969	10,025	8,563	17.1
Western (Kentucky)	6,007	6,760	6,002	12,766	12,851	-0.7
Louisiana	470	955	696	1,425	1,352	5.4
Maryland	500	380	293	880	693	26.9
Mississippi	828	740	582	1,568	1,352	16.0
Missouri	62	59	68	122	110	10.8
Montana	7,800	7,243	6,210	15,043	13,639	10.3
New Mexico	3,514	3,744	2,460	7,257	6,755	7.4
North Dakota	6,584	7,234	6,462	13,818	13,672	1.1
Ohio	2,364	2,269	3,215	4,632	7,126	-35.0
Oklahoma	163	121	166	284	333	-14.6
Pennsylvania Total	12,637	12,575	11,248	25,213	21,592	16.8
Anthracite (Pennsylvania)	455	502	421	957	859	11.5
Bituminous (Pennsylvania)	12,182	12,074	10,828	24,256	20,734	17.0
Tennessee	119	152	142	271	347	-21.9
Texas	8,408	8,737	8,818	17,144	18,735	-8.5
Utah	3,403	3,523	3,706	6,927	7,068	-2.0
Virginia	3,359	3,575	3,184	6,934	6,317	9.8
West Virginia Total	23,280	23,684	18,811	46,964	38,043	23.4
Northern (West Virginia)	11,355	12,667	9,959	24,021	20,256	18.6
Southern (West Virginia)	11,925	11,018	8,852	22,943	17,787	29.0
Wyoming	72,161	80,374	59,663	152,535	125,170	21.9
Appalachia Total	51,097	50,570	43,184	101,668	87,452	16.3
Appalachia Central	20,766	19,407	16,148	40,173	33,014	21.7
Appalachia Northern	26,856	27,891	24,715	54,746	49,668	10.2
Appalachia Southern	3,476	3,273	2,322	6,749	4,770	41.5
Interior Region Total	36,351	38,386	34,372	74,737	71,261	4.9
Illinois Basin	26,404	27,763	24,027	54,167	49,326	9.8
Interior	9,947	10,623	10,345	20,571	21,935	-6.2
Western Region Total	99,415	107,828	83,044	207,243	175,001	18.4
Powder River Basin	75,863	83,926	62,360	159,789	131,532	21.5
Uinta Region	7,443	6,990	6,385	14,433	11,978	20.5
Western	16,109	16,912	14,300	33,020	31,490	4.9
East of Mississippi River	78,330	79,073	67,793	157,403	138,130	14.0
West of Mississippi River	108,534	117,711	92,808	226,245	195,583	15.7
U.S. Subtotal	186,864	196,784	160,601	383,648	333,713	15.0
Refuse Recovery	218	249	252	467	364	28.2
U.S. Total	187,082	197,033	160,853	384,115	334,078	15.0

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	984	988	910	1,972	1,793	10.0
East North Central	1,705	1,618	1,625	3,323	3,294	0.9
South Atlantic	307	303	303	610	604	1.0
East South Central	263	257	237	520	466	11.6
U.S. Total	3,258	3,167	3,075	6,425	6,157	4.4
Coke Total	3,124	3,027	2,927	6,151	5,876	4.7
Breeze Total	134	140	148	274	281	-2.4

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.'

Exports and Imports

Table 4. U.S. Coal Exports and Imports, 2011 - 2017

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2011	26,617	3,381	26,987	3,419	25,976	3,588	27,679	2,700	107,259	13,088
2012	28,642	2,022	37,534	2,329	31,563	2,415	28,006	2,394	125,746	9,159
2013	31,835	1,429	29,427	2,756	28,589	2,398	27,809	2,323	117,659	8,906
2014	27,584	2,450	24,674	3,574	22,723	3,151	22,276	2,174	97,257	11,350
2015	21,979	3,009	19,766	2,640	16,914	2,965	15,299	2,705	73,958	11,318
2016	14,153	2,698	14,223	2,292	12,552	2,733	19,343	2,127	60,271	9,850
2017	22,307	1,915	21,796	2,197	-	-	-	-	44,103	4,112

- = No data reported.

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

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

Table 5. Average Price of U.S. Coal Exports and Imports, 2011 - 2017

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2011	139.34	86.00	153.00	105.86	155.88	112.06	147.38	110.19	148.86	103.32
2012	134.88	103.82	118.95	100.89	115.12	93.25	104.64	90.39	118.43	96.78
2013	99.68	86.87	96.77	83.18	91.64	81.66	91.46	83.12	95.06	83.35
2014	90.72	78.15	86.24	80.46	85.69	80.60	84.94	85.48	87.08	80.96
2015	82.31	69.95	80.14	74.40	73.52	71.85	68.61	70.48	76.89	71.61
2016	61.41	63.97	65.79	66.30	67.24	62.70	92.57	71.21	73.66	65.72
2017	110.44	74.81	110.65	79.44	-	-	-	-	110.54	77.28

- = No data reported.

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

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

Table 6. Quantity and Average Price of U.S. Coal Imports by Origin, 2011 - 2017

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
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	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
July - September	-	323,436	2,176,901	168,154	5,070	-	59,515	2,733,076
October - December	-	274,726	1,536,013	244,944	579	-	71,045	2,127,307
U.S. Total	121,967	1,078,480	7,890,800	613,944	6,955	-	137,589	9,849,735
2017								
January - March	-	204,185	1,649,757	58,863	1,202	-	1,047	1,915,054
April - June	700	205,598	1,789,959	199,996	676	-	121	2,197,050
U.S. Total	700	409,783	3,439,716	258,859	1,878	-	1,168	4,112,104
Average Price (dollars per short ton)								
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	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
July - September	-	80.09	61.74	42.64	117.58	-	55.30	62.70
October - December	-	82.33	69.20	60.12	162.95	-	109.01	71.21
U.S. Total	47.66	77.40	65.10	52.17	126.99	-	83.55	65.72
2017								
January - March	-	150.23	65.70	66.51	155.91	-	85.19	74.81
April - June	74.89	238.56	63.75	55.81	168.50	-	363.51	79.44
U.S. Total	74.89	194.55	64.69	58.24	160.44	-	114.02	77.28

-- 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	2,659,661	1,953,551	1,991,066	4,613,212	3,364,166	37.1
Canada*	1,392,958	641,424	1,213,126	2,034,382	1,821,995	11.7
Guatemala	277,073	183,432	270	460,505	270	NM
Honduras	154	35,825	35,889	35,979	71,714	-49.8
Jamaica	136	66,218	67	66,354	36,442	82.1
Mexico	871,603	875,567	741,518	1,747,170	1,433,318	21.9
Other**	117,737	151,085	196	268,822	427	NM
South America Total	2,186,906	2,003,437	1,722,150	4,190,343	3,696,035	13.4
Argentina	154,693	104,731	58,607	259,424	58,607	342.7
Brazil	1,702,328	1,709,521	1,662,703	3,411,849	3,521,529	-3.1
Chile	272,018	188,973	343	460,991	762	NM
Peru	57,364	106	140	57,470	114,318	-49.7
Other**	503	106	357	609	819	-25.6
Europe Total	7,622,679	11,004,720	6,945,500	18,627,399	13,162,321	41.5
Austria	185,225	184,855	1,124	370,080	207,358	78.5
Belgium	282,267	438,522	261,248	720,789	525,523	37.2
Croatia	399,506	495,787	477,500	895,293	679,975	31.7
Denmark (Except Greenland)	-	-	-	-	60,598	-
Finland	117,788	-	59,525	117,788	134,877	-12.7
France	453,956	714,086	230,593	1,168,042	457,767	155.2
Germany, Federal Republic of	910,237	1,219,236	974,031	2,129,473	1,603,279	32.8
Italy	729,927	824,538	479,590	1,554,465	964,613	61.1
Netherlands	1,595,532	3,281,213	2,404,707	4,876,745	4,948,716	-1.5
Norway	20,805	20,481	20,507	41,286	41,290	s
Poland	366,699	209,201	60,663	575,900	88,220	NM
Portugal	-	175,738	-	175,738	-	-
Romania	51,115	51,159	90,912	102,274	113,843	-10.2
Spain	569,467	373,346	266,544	942,813	752,046	25.4
Sweden	220,620	118,725	69,604	339,345	69,604	387.5
Turkey	648,562	653,606	686,176	1,302,168	983,191	32.4
Ukraine	561,070	865,732	661,790	1,426,802	1,016,926	40.3
United Kingdom	332,852	1,164,011	192,730	1,496,863	497,186	201.1
Other**	177,051	214,484	8,256	391,535	17,309	NM
Asia Total	8,321,073	6,378,983	3,369,682	14,700,056	7,449,508	97.3
China	1,012,722	735,844	1,107	1,748,566	124,952	NM
India	2,335,306	1,886,297	1,771,137	4,221,603	3,641,069	15.9
Japan	2,369,039	1,623,872	858,888	3,992,911	1,838,518	117.2
Singapore	7	15,300	12	15,307	12	NM
South Korea (Republic of Korea)	2,442,306	2,114,422	736,496	4,556,728	1,841,139	147.5
Taiwan	296	944	132	1,240	218	468.8
Other**	161,397	2,304	1,910	163,701	3,600	NM
Australia and Oceania Total	96	47,855	109	47,951	130	NM
Other**	96	47,855	109	47,951	130	NM
Africa Total	1,005,988	918,359	194,898	1,924,347	704,266	173.2
Morocco	426,065	735,643	116,625	1,161,708	550,539	111.0
South Africa	118,224	22	78,040	118,246	153,350	-22.9
Other**	461,699	182,694	233	644,393	377	NM
Total	21,796,403	22,306,905	14,223,405	44,103,308	28,376,426	55.4

* 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 2016.

- = 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 8. Average Price of U.S. Coal Exports

(dollars per short ton)

Continent and Country of Destination	April - June 2017	January - March 2017	Year to Date			Percent Change
			April - June 2016	2017	2016	
North America Total	78.11	74.30	60.73	76.50	61.50	24.4
Canada*	99.98	86.45	68.54	95.71	74.83	27.9
Guatemala	72.50	73.15	373.12	72.76	373.12	-80.5
Honduras	374.66	72.58	45.60	73.87	61.79	19.6
Jamaica	49.68	37.29	139.81	37.31	38.29	-2.6
Mexico	49.77	69.38	48.44	59.60	44.97	32.5
Other**	41.99	69.25	525.08	57.31	409.00	-86.0
South America Total	131.01	141.06	68.15	135.82	66.01	105.8
Argentina	165.03	161.63	74.90	163.66	74.90	118.5
Brazil	142.65	151.14	67.74	146.91	66.23	121.8
Chile	49.97	37.86	420.99	45.00	431.23	-89.6
Peru	72.94	372.96	342.72	73.49	50.08	46.7
Other**	741.04	941.80	429.17	775.98	359.13	116.1
Europe Total	128.83	114.00	70.45	120.07	67.53	77.8
Austria	193.80	247.70	27.68	220.72	76.12	190.0
Belgium	162.13	115.38	71.10	133.69	74.51	79.4
Croatia	157.22	162.16	75.78	159.96	74.24	115.5
Denmark (Except Greenland)	-	-	-	-	30.84	-
Finland	211.21	-	75.52	211.21	78.25	169.9
France	163.42	120.03	70.60	136.89	70.76	93.5
Germany, Federal Republic of	116.47	104.03	85.68	109.35	75.80	44.3
Italy	146.00	134.08	79.85	139.68	81.56	71.3
Netherlands	80.69	67.62	56.73	71.89	54.53	31.8
Norway	130.72	125.51	129.67	128.13	137.78	-7.0
Poland	93.94	154.61	71.66	115.98	72.66	59.6
Portugal	-	35.36	-	35.36	-	-
Romania	136.92	145.72	80.05	141.32	76.30	85.2
Spain	86.54	134.74	80.49	105.63	75.13	40.6
Sweden	194.78	165.64	67.64	184.59	67.64	172.9
Turkey	123.67	182.00	71.01	152.94	68.39	123.6
Ukraine	200.05	206.15	75.02	203.75	73.64	176.7
United Kingdom	127.09	78.09	80.80	88.98	84.12	5.8
Other**	146.71	120.58	139.10	132.40	148.95	-11.1
Asia Total	103.51	110.41	58.64	106.51	57.91	83.9
China	124.22	121.83	507.50	123.21	106.50	15.7
India	109.00	124.90	49.51	116.10	47.39	145.0
Japan	117.24	109.00	72.53	113.89	71.40	59.5
Singapore	518.57	175.25	790.00	175.41	790.00	-77.8
South Korea (Republic of Korea)	79.60	93.99	62.18	86.28	60.95	41.6
Taiwan	127.03	85.95	463.18	95.76	467.43	-79.5
Other**	54.21	254.22	614.08	57.03	536.44	-89.4
Australia and Oceania Total	207.57	170.20	370.01	170.28	382.45	-55.5
Other**	207.57	170.20	370.01	170.28	382.45	-55.5
Africa Total	73.73	74.99	53.95	74.33	47.87	55.3
Morocco	67.93	66.36	39.44	66.93	39.82	68.1
South Africa	136.23	553.55	75.14	136.31	76.34	78.6
Other**	63.08	109.71	218.88	76.30	219.10	-65.2
Total	110.65	110.44	65.79	110.54	63.60	73.8

* 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 2016.

- = No data reported.

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

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

Table 9. U.S. Steam Coal Exports

(short tons)

Continent and Country of Destination	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	1,416,153	1,252,376	1,091,135	2,668,529	1,878,233	42.1
Canada*	259,334	278,595	422,929	537,929	590,876	-9.0
Guatemala	277,073	183,432	270	460,505	270	NM
Honduras	154	35,825	35,889	35,979	35,889	0.3
Jamaica	136	66,218	67	66,354	36,442	82.1
Mexico	761,719	651,496	631,784	1,413,215	1,214,329	16.4
Other**	117,737	36,810	196	154,547	427	NM
South America Total	339,476	201,020	10,060	540,496	125,470	330.8
Argentina	-	-	24	-	24	-
Brazil	9,591	11,835	9,196	21,426	9,547	124.4
Chile	272,018	188,973	343	460,991	762	NM
Peru	57,364	106	140	57,470	114,318	-49.7
Other**	503	106	357	609	819	-25.6
Europe Total	2,030,283	5,108,377	2,081,052	7,138,660	3,969,193	79.9
Austria	750	846	1,124	1,596	1,401	13.9
Belgium	410	-	-	410	-	-
Denmark (Except Greenland)	-	-	-	-	60,598	-
Finland	-	-	59,525	-	59,525	-
France	-	412,463	-	412,463	-	-
Germany, Federal Republic of	371,144	630,211	279,536	1,001,355	674,316	48.5
Italy	143,025	245,749	213,899	388,774	251,454	54.6
Netherlands	766,784	2,530,196	1,452,211	3,296,980	2,803,497	17.6
Norway	-	-	8,267	-	8,309	-
Poland	164,245	23,831	-	188,076	-	-
Portugal	-	90,941	-	90,941	-	-
Spain	344,804	182,220	996	527,024	43,908	NM
Sweden	-	228	-	228	-	-
Turkey	77,362	160,122	52,612	237,484	52,703	350.6
Ukraine	-	-	12,221	-	12,221	-
United Kingdom	161,360	818,872	231	980,232	396	NM
Other**	399	12,698	430	13,097	865	NM
Asia Total	3,846,910	3,101,201	978,936	6,948,111	2,042,606	240.2
China	92,054	173,013	1,107	265,067	1,781	NM
India	1,395,132	1,137,416	881,690	2,532,548	1,561,432	62.2
Japan	621,812	613,458	69,928	1,235,270	189,722	NM
Singapore	7	-	12	7	12	-41.7
South Korea (Republic of Korea)	1,576,212	1,174,371	24,304	2,750,583	286,135	NM
Taiwan	296	944	132	1,240	218	468.8
Other**	161,397	1,999	1,763	163,396	3,306	NM
Australia and Oceania Total	96	442	109	538	109	393.6
Other**	96	442	109	538	109	393.6
Africa Total	712,695	472,544	670	1,185,239	146,179	NM
Morocco	328,060	472,438	-	800,498	145,329	450.8
South Africa	44	22	437	66	473	-86.0
Other**	384,591	84	233	384,675	377	NM
Total	8,345,613	10,135,960	4,161,962	18,481,573	8,161,790	126.4

* 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 2016.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	51.55	58.65	46.45	54.88	44.10	24.4
Canada*	90.61	84.18	59.39	87.28	66.79	30.7
Guatemala	72.50	73.15	373.12	72.76	373.12	-80.5
Honduras	374.66	72.58	45.60	73.87	45.60	62.0
Jamaica	49.68	37.29	139.81	37.31	38.29	-2.6
Mexico	32.03	45.44	37.53	38.21	32.99	15.8
Other**	41.99	51.82	525.08	44.34	409.00	-89.2
South America Total	57.68	43.58	154.78	52.44	61.22	-14.3
Argentina	-	-	220.50	-	220.50	-
Brazil	149.48	123.89	131.16	135.34	139.20	-2.8
Chile	49.97	37.86	420.99	45.00	431.23	-89.6
Peru	72.94	372.96	342.72	73.49	50.08	46.7
Other**	741.04	941.80	429.17	775.98	359.13	116.1
Europe Total	56.10	63.54	64.76	61.42	54.72	12.2
Austria	27.66	24.52	27.68	25.99	29.61	-12.2
Belgium	45.85	-	-	45.85	-	-
Denmark (Except Greenland)	-	-	-	-	30.84	-
Finland	-	-	75.52	-	75.52	-
France	-	74.50	-	74.50	-	-
Germany, Federal Republic of	48.27	55.78	121.81	53.00	81.72	-35.1
Italy	72.69	69.51	72.62	70.68	72.02	-1.9
Netherlands	51.80	58.41	52.58	56.87	46.77	21.6
Norway	-	-	114.76	-	127.20	-
Poland	54.72	161.87	-	68.30	-	-
Portugal	-	31.80	-	31.80	-	-
Spain	51.97	64.05	351.52	56.15	47.18	19.0
Sweden	-	74.56	-	74.56	-	-
Turkey	91.97	169.90	38.17	144.51	39.09	269.7
Ukraine	-	-	63.50	-	63.50	-
United Kingdom	73.02	57.31	768.73	59.90	929.19	-93.6
Other**	87.18	96.23	74.25	95.95	158.75	-39.6
Asia Total	52.71	53.36	52.13	53.00	48.77	8.7
China	57.16	33.24	507.50	41.55	517.11	-92.0
India	57.07	59.12	50.26	58.00	45.53	27.4
Japan	78.96	70.30	49.11	74.66	45.47	64.2
Singapore	518.57	-	790.00	518.57	790.00	-34.4
South Korea (Republic of Korea)	38.06	41.49	61.84	39.53	59.25	-33.3
Taiwan	127.03	85.95	463.18	95.76	467.43	-79.5
Other**	54.21	277.77	656.63	56.95	574.93	-90.1
Australia and Oceania Total	207.57	376.06	370.01	346.00	370.01	-6.5
Other**	207.57	376.06	370.01	346.00	370.01	-6.5
Africa Total	58.46	62.45	369.76	60.05	41.50	44.7
Morocco	68.01	62.21	-	64.59	39.67	62.8
South Africa	553.57	553.55	450.21	553.56	462.22	19.8
Other**	50.26	1,255.74	218.88	50.53	219.10	-76.9
Total	54.03	59.39	57.26	56.97	50.66	12.5

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2016.

-- No data reported.

Note: Average price is based on the free alongside ship (f.a.s) value, including value for shipments of specialty coal not used as a fuel source (about 0.05 percent of all shipments). 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	1,243,508	701,175	899,931	1,944,683	1,485,933	30.9
Canada*	1,133,624	362,829	790,197	1,496,453	1,231,119	21.6
Honduras	-	-	-	-	35,825	-
Mexico	109,884	224,071	109,734	333,955	218,989	52.5
Other**	-	114,275	-	114,275	-	-
South America Total	1,847,430	1,802,417	1,712,090	3,649,847	3,570,565	2.2
Argentina	154,693	104,731	58,583	259,424	58,583	342.8
Brazil	1,692,737	1,697,686	1,653,507	3,390,423	3,511,982	-3.5
Europe Total	5,592,396	5,896,343	4,864,448	11,488,739	9,193,128	25.0
Austria	184,475	184,009	-	368,484	205,957	78.9
Belgium	281,857	438,522	261,248	720,379	525,523	37.1
Croatia	399,506	495,787	477,500	895,293	679,975	31.7
Finland	117,788	-	-	117,788	75,352	56.3
France	453,956	301,623	230,593	755,579	457,767	65.1
Germany, Federal Republic of	539,093	589,025	694,495	1,128,118	928,963	21.4
Italy	586,902	578,789	265,691	1,165,691	713,159	63.5
Netherlands	828,748	751,017	952,496	1,579,765	2,145,219	-26.4
Norway	20,805	20,481	12,240	41,286	32,981	25.2
Poland	202,454	185,370	60,663	387,824	88,220	339.6
Portugal	-	84,797	-	84,797	-	-
Romania	51,115	51,159	90,912	102,274	113,843	-10.2
Spain	224,663	191,126	265,548	415,789	708,138	-41.3
Sweden	220,620	118,497	69,604	339,117	69,604	387.2
Turkey	571,200	493,484	633,564	1,064,684	930,488	14.4
Ukraine	561,070	865,732	649,569	1,426,802	1,004,705	42.0
United Kingdom	171,492	345,139	192,499	516,631	496,790	4.0
Other**	176,652	201,786	7,826	378,438	16,444	NM
Asia Total	4,474,163	3,277,782	2,390,746	7,751,945	5,406,902	43.4
China	920,668	562,831	-	1,483,499	123,171	NM
India	940,174	748,881	889,447	1,689,055	2,079,637	-18.8
Japan	1,747,227	1,010,414	788,960	2,757,641	1,648,796	67.3
Singapore	-	15,300	-	15,300	-	-
South Korea (Republic of Korea)	866,094	940,051	712,192	1,806,145	1,555,004	16.2
Other**	-	305	147	305	294	3.7
Australia and Oceania Total	-	47,413	-	47,413	21	NM
Other**	-	47,413	-	47,413	21	NM
Africa Total	293,293	445,815	194,228	739,108	558,087	32.4
Morocco	98,005	263,205	116,625	361,210	405,210	-10.9
South Africa	118,180	-	77,603	118,180	152,877	-22.7
Other**	77,108	182,610	-	259,718	-	-
Total	13,450,790	12,170,945	10,061,443	25,621,735	20,214,636	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 2016.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	108.36	102.24	78.05	106.16	83.50	27.1
Canada*	102.12	88.18	73.44	98.74	78.69	25.5
Honduras	-	-	-	-	78.02	-
Mexico	172.73	138.98	111.25	150.08	111.40	34.7
Other**	-	74.87	-	74.87	-	-
South America Total	144.49	151.93	67.64	148.16	66.18	123.9
Argentina	165.03	161.63	74.84	163.66	74.84	118.7
Brazil	142.61	151.33	67.39	146.98	66.03	122.6
Europe Total	155.23	157.71	72.88	156.50	73.06	114.2
Austria	194.48	248.73	-	221.57	76.44	189.9
Belgium	162.30	115.38	71.10	133.74	74.51	79.5
Croatia	157.22	162.16	75.78	159.96	74.24	115.5
Finland	211.21	-	-	211.21	80.41	162.7
France	163.42	182.28	70.60	170.95	70.76	141.6
Germany, Federal Republic of	163.43	155.66	71.14	159.37	71.50	122.9
Italy	163.87	161.50	85.66	162.69	84.92	91.6
Netherlands	107.42	98.64	63.06	103.24	64.68	59.6
Norway	130.72	125.51	139.73	128.13	140.44	-8.8
Poland	125.76	153.68	71.66	139.10	72.66	91.4
Portugal	-	39.19	-	39.19	-	-
Romania	136.92	145.72	80.05	141.32	76.30	85.2
Spain	139.61	202.14	79.47	168.35	76.87	119.0
Sweden	194.78	165.82	67.64	184.66	67.64	173.0
Turkey	127.96	185.92	73.73	154.83	70.05	121.0
Ukraine	200.05	206.15	75.23	203.75	73.76	176.2
United Kingdom	177.97	127.38	79.97	144.17	83.44	72.8
Other**	146.84	122.11	142.67	133.66	148.43	-10.0
Asia Total	147.19	164.39	61.30	154.46	61.36	151.7
China	130.92	149.06	-	137.80	100.56	37.0
India	186.05	224.80	48.78	203.23	48.79	316.5
Japan	130.87	132.50	74.60	131.47	74.39	76.7
Singapore	-	175.25	-	175.25	-	-
South Korea (Republic of Korea)	155.20	159.58	62.20	157.48	61.26	157.1
Other**	-	99.85	103.78	99.85	103.59	-3.6
Australia and Oceania Total	-	168.28	-	168.28	447.00	-62.4
Other**	-	168.28	-	168.28	447.00	-62.4
Africa Total	110.84	88.29	52.86	97.24	49.54	96.3
Morocco	67.68	73.80	39.44	72.14	39.87	80.9
South Africa	136.08	-	73.03	136.08	75.15	81.1
Other**	127.01	109.19	-	114.48	-	-
Total	145.78	152.96	69.31	149.19	68.83	116.8

* 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 2016.

- = No data reported.

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

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

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

(short tons)

Customs District	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Eastern Total	13,056,532	13,049,746	9,656,462	26,106,278	19,128,607	36.5
Baltimore, MD	4,856,637	4,363,897	3,702,460	9,220,534	7,552,999	22.1
Buffalo, NY	352,253	99,715	300,679	451,968	304,060	48.6
New York City, NY	3,293	6,158	2,047	9,451	3,614	161.5
Norfolk, VA	7,785,017	8,528,364	5,584,379	16,313,381	11,190,931	45.8
Ogdensburg, NY	23,194	9,577	49,448	32,771	59,228	-44.7
Philadelphia, PA	36,110	41,968	17,296	78,078	17,511	345.9
Portland, ME	28	-	-	28	-	-
St. Albans, VT	-	67	84	67	195	-65.6
Washington, DC	-	-	69	-	69	-
Southern Total	5,217,571	6,684,180	3,377,055	11,901,751	7,215,007	65.0
Charleston, SC	43	253	68	296	327	-9.5
El Paso, TX	49,441	44,809	13,430	94,250	39,595	138.0
Houston-Galveston, TX	1,104	63,708	1,659	64,812	2,884	NM
Laredo, TX	712,914	570,065	362,355	1,282,979	918,764	39.6
Miami, FL	293	245	212	538	525	2.5
Mobile, AL	2,786,316	2,233,856	2,071,622	5,020,172	3,928,681	27.8
New Orleans, LA	1,667,256	3,770,915	927,556	5,438,171	2,323,895	134.0
Savannah, GA	114	319	123	433	276	56.9
Tampa, FL	90	10	30	100	60	66.7
Western Total	2,593,781	2,199,621	326,705	4,793,402	633,419	NM
Anchorage, AK	-	272	-	272	-	-
Great Falls, MT	43	54	371	97	406	-76.1
Honolulu, HI	75	-	-	75	-	-
Los Angeles, CA	287,503	371,563	539	659,066	73,540	NM
Nogales, AZ	9	41	55	50	94	-46.8
Portland, OR	2	-	-	2	-	-
San Diego, CA	49	7	-	56	59	-5.1
San Francisco, CA	789,652	629,527	325,412	1,419,179	481,188	194.9
Seattle, WA	1,516,448	1,198,157	328	2,714,605	78,132	NM
Northern Total	919,140	364,263	862,252	1,283,403	1,391,332	-7.8
Chicago, IL	-	47	-	47	-	-
Cleveland, OH	830,220	262,953	485,738	1,093,173	901,000	21.3
Detroit, MI	82,493	31,148	375,634	113,641	437,845	-74.0
Duluth, MN	3,325	1,858	604	5,183	604	NM
Minneapolis, MN	20	62,162	-	62,182	51,216	21.4
Pembina, ND	3,082	6,095	276	9,177	667	NM
Other Ports	9,379	9,095	931	18,474	8,061	129.2
Total	21,796,403	22,306,905	14,223,405	44,103,308	28,376,426	55.4

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Eastern Total	3,198,894	3,675,489	1,846,495	6,874,383	3,396,445	102.4
Baltimore, MD	2,213,865	2,132,913	1,264,948	4,346,778	2,124,668	104.6
Buffalo, NY	4,354	3,310	3,308	7,664	6,493	18.0
New York City, NY	3,244	6,158	2,047	9,402	3,614	160.2
Norfolk, VA	918,570	1,482,244	509,896	2,400,814	1,185,838	102.5
Ogdensburg, NY	22,723	8,829	48,847	31,552	58,057	-45.7
Philadelphia, PA	36,110	41,968	17,296	78,078	17,511	345.9
Portland, ME	28	-	-	28	-	-
St. Albans, VT	-	67	84	67	195	-65.6
Washington, DC	-	-	69	-	69	-
Southern Total	2,409,673	4,153,220	1,617,804	6,562,893	3,737,556	75.6
Charleston, SC	43	1	68	44	180	-75.6
El Paso, TX	49,441	44,809	13,430	94,250	39,595	138.0
Houston-Galveston, TX	1,104	63,708	1,659	64,812	2,884	NM
Laredo, TX	712,251	538,562	361,736	1,250,813	918,018	36.3
Miami, FL	293	245	212	538	525	2.5
Mobile, AL	-	12,321	333,056	12,321	542,029	-97.7
New Orleans, LA	1,646,451	3,493,513	907,490	5,139,964	2,234,119	130.1
Savannah, GA	-	51	123	51	146	-65.1
Tampa, FL	90	10	30	100	60	66.7
Western Total	2,593,781	2,199,569	326,705	4,793,350	560,777	NM
Anchorage, AK	-	220	-	220	-	-
Great Falls, MT	43	54	371	97	406	-76.1
Honolulu, HI	75	-	-	75	-	-
Los Angeles, CA	287,503	371,563	539	659,066	898	NM
Nogales, AZ	9	41	55	50	94	-46.8
Portland, OR	2	-	-	2	-	-
San Diego, CA	49	7	-	56	59	-5.1
San Francisco, CA	789,652	629,527	325,412	1,419,179	481,188	194.9
Seattle, WA	1,516,448	1,198,157	328	2,714,605	78,132	NM
Northern Total	133,896	98,587	370,027	232,483	458,951	-49.3
Chicago, IL	-	47	-	47	-	-
Cleveland, OH	93,461	73	97,452	93,534	97,452	-4.0
Detroit, MI	34,008	28,352	271,695	62,360	309,012	-79.8
Duluth, MN	3,325	1,858	604	5,183	604	NM
Minneapolis, MN	20	62,162	-	62,182	51,216	21.4
Pembina, ND	3,082	6,095	276	9,177	667	NM
Other Ports	9,369	9,095	931	18,464	8,061	129.1
Total	8,345,613	10,135,960	4,161,962	18,481,573	8,161,790	126.4

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Eastern Total	9,857,638	9,374,257	7,809,967	19,231,895	15,732,162	22.2
Baltimore, MD	2,642,772	2,230,984	2,437,512	4,873,756	5,428,331	-10.2
Buffalo, NY	347,899	96,405	297,371	444,304	297,567	49.3
New York City, NY	49	-	-	49	-	-
Norfolk, VA	6,866,447	7,046,120	5,074,483	13,912,567	10,005,093	39.1
Ogdensburg, NY	471	748	601	1,219	1,171	4.1
Southern Total	2,807,898	2,530,960	1,759,251	5,338,858	3,477,451	53.5
Charleston, SC	-	252	-	252	147	71.4
Laredo, TX	663	31,503	619	32,166	746	NM
Mobile, AL	2,786,316	2,221,535	1,738,566	5,007,851	3,386,652	47.9
New Orleans, LA	20,805	277,402	20,066	298,207	89,776	232.2
Savannah, GA	114	268	-	382	130	193.8
Western Total	-	52	-	52	72,642	-99.9
Anchorage, AK	-	52	-	52	-	-
Los Angeles, CA	-	-	-	-	72,642	-
Northern Total	785,244	265,676	492,225	1,050,920	932,381	12.7
Cleveland, OH	736,759	262,880	388,286	999,639	803,548	24.4
Detroit, MI	48,485	2,796	103,939	51,281	128,833	-60.2
Other Ports	10	-	-	10	-	-
Total	13,450,790	12,170,945	10,061,443	25,621,735	20,214,636	26.7

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	198,650	202,158	168,625	400,808	240,792	66.5
Canada*	184,282	159,867	134,231	344,149	191,641	79.6
Mexico	14,115	42,074	33,966	56,189	48,508	15.8
Other**	253	217	428	470	643	-26.9
South America Total	6	20	12	26	33	-21.2
Other**	6	20	12	26	33	-21.2
Europe Total	31,866	171	33	32,037	33	NM
Other**	31,866	171	33	32,037	33	NM
Asia Total	771	20,993	552	21,764	761	NM
Other**	771	20,993	552	21,764	761	NM
Australia and Oceania Total	22	55	98	77	145	-46.9
Other**	22	55	98	77	145	-46.9
Africa Total	-	18,188	-	18,188	-	-
Other**	-	18,188	-	18,188	-	-
Total	231,315	241,585	169,320	472,900	241,764	95.6

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2016.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	253.31	230.32	270.15	241.71	277.54	-12.9
Canada*	242.50	207.43	242.49	226.21	247.54	-8.6
Mexico	387.89	315.10	375.98	333.39	391.43	-14.8
Other**	612.15	647.20	543.13	628.33	626.27	0.3
South America Total	491.50	526.20	521.17	518.19	508.42	1.9
Other**	491.50	526.20	521.17	518.19	508.42	1.9
Europe Total	104.38	481.61	513.79	106.39	513.79	-79.3
Other**	104.38	481.61	513.79	106.39	513.79	-79.3
Asia Total	749.64	144.43	765.04	165.87	771.77	-78.5
Other**	749.64	144.43	765.04	165.87	771.77	-78.5
Australia and Oceania Total	196.36	288.85	494.01	262.43	391.98	-33.1
Other**	196.36	288.85	494.01	262.43	391.98	-33.1
Africa Total	-	90.72	-	90.72	-	-
Other**	-	90.72	-	90.72	-	-
Total	234.44	212.56	271.95	223.26	279.22	-20.0

* 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 2016.

- = No data reported.

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

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

Table 18. U.S. Coal Imports

(short tons)

Continent and Country of Origin	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	205,622	204,209	241,095	409,831	481,263	-14.8
Canada	205,598	204,185	240,878	409,783	480,318	-14.7
Mexico	24	24	217	48	945	-94.9
South America Total	1,789,988	1,649,786	1,987,017	3,439,774	4,183,312	-17.8
Colombia	1,789,959	1,649,757	1,987,017	3,439,716	4,177,886	-17.7
Peru	29	29	-	58	5,426	-98.9
Europe Total	58	724	658	782	658	18.8
Austria	-	-	3	-	3	-
Germany, Federal Republic of	21	724	-	745	-	-
Italy	-	-	314	-	314	-
Russia	29	-	-	29	-	-
United Kingdom	8	-	341	8	341	-97.7
Asia Total	200,682	60,335	469	261,017	202,152	29.1
China	676	1,202	469	1,878	1,306	43.8
India	10	270	-	280	-	-
Indonesia	199,996	58,863	-	258,859	200,846	28.9
Australia and Oceania Total	700	-	62,569	700	121,967	-99.4
Australia	700	-	62,569	700	121,967	-99.4
Total	2,197,050	1,915,054	2,291,808	4,112,104	4,989,352	-17.6

- = No data reported.

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	238.58	150.26	73.59	194.57	72.76	167.4
Canada	238.56	150.23	73.61	194.55	72.77	167.3
Mexico	411.50	382.83	59.08	397.17	65.02	NM
South America Total	63.75	65.71	66.00	64.69	65.33	-1.0
Colombia	63.75	65.70	66.00	64.69	65.34	-1.0
Peru	267.86	263.90	-	265.88	63.31	320.0
Europe Total	319.67	77.93	82.77	95.86	82.77	15.8
Austria	-	-	864.00	-	864.00	-
Germany, Federal Republic of	318.86	77.93	-	84.72	-	-
Italy	-	-	75.07	-	75.07	-
Russia	322.76	-	-	322.76	-	-
United Kingdom	310.63	-	82.99	310.63	82.99	274.3
Asia Total	56.22	68.25	285.66	59.00	51.08	15.5
China	168.50	155.91	285.66	160.44	147.60	8.7
India	780.00	59.00	-	84.75	-	-
Indonesia	55.81	66.51	-	58.24	50.45	15.4
Australia and Oceania Total	74.89	-	45.92	74.89	47.66	57.1
Australia	74.89	-	45.92	74.89	47.66	57.1
U.S. Total*	79.44	74.81	66.30	77.28	65.04	18.8

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

- = No data reported.

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

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Eastern Total	34,308	90,339	62,212	124,647	374,412	-66.7
Boston, MA	-	45,176	52,580	45,176	330,751	-86.3
Buffalo, NY	392	364	23	756	94	NM
New York City, NY	418	44	22	462	795	-41.9
Ogdensburg, NY	187	-	-	187	-	-
Philadelphia, PA	21	-	-	21	-	-
Portland, ME	33,290	44,755	-	78,045	-	-
Providence, RI	-	-	9,587	-	42,772	-
Southern Total	1,757,690	1,561,307	1,925,772	3,318,997	3,896,381	-14.8
Charleston, SC	-	-	-	-	54,020	-
Houston-Galveston, TX	290	1,170	215	1,460	301	385.0
Laredo, TX	24	24	217	48	945	-94.9
Miami, FL	34,179	-	36,376	34,179	36,398	-6.1
Mobile, AL	370,752	383,062	847,571	753,814	1,536,438	-50.9
New Orleans, LA	700	287	176	987	218	352.8
Port Arthur, TX	-	-	314	-	314	-
San Juan, PR	541,727	314,395	396,229	856,122	930,281	-8.0
Tampa, FL	810,018	862,369	644,674	1,672,387	1,337,466	25.0
Western Total	251,204	188,605	205,454	439,809	523,613	-16.0
Anchorage, AK	-	-	341	-	341	-
Great Falls, MT	50,771	63,560	82,831	114,331	151,134	-24.4
Honolulu, HI	199,996	124,897	121,774	324,893	356,116	-8.8
San Francisco, CA	29	-	56	29	56	-48.2
Seattle, WA	408	148	452	556	15,966	-96.5
Northern Total	153,848	74,803	98,370	228,651	194,946	17.3
Cleveland, OH	-	561	-	561	-	-
Detroit, MI	63,102	1,036	39,660	64,138	39,882	60.8
Duluth, MN	-	210	-	210	-	-
Pembina, ND	90,746	72,996	58,710	163,742	155,064	5.6
Total	2,197,050	1,915,054	2,291,808	4,112,104	4,989,352	-17.6

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	1,462	949	17,390	2,411	20,153	-88.0
Canada	1,451	949	17,390	2,400	20,153	-88.1
Mexico	11	-	-	11	-	-
South America Total	-	-	37,157	-	37,157	-
Colombia	-	-	37,157	-	37,157	-
Europe Total	22,220	372	39,332	22,592	40,388	-44.1
Germany, Federal Republic of	-	8	-	8	-	-
Italy	-	342	6,260	342	7,303	-95.3
Poland	22,220	-	-	22,220	-	-
Russia	-	-	33,069	-	33,069	-
United Kingdom	-	22	3	22	16	37.5
Asia Total	174	71	703	245	1,160	-78.9
China	143	4	-	147	243	-39.5
Indonesia	31	67	53	98	115	-14.8
Japan	-	-	650	-	802	-
Africa Total	3,278	-	-	3,278	-	-
South Africa	3,278	-	-	3,278	-	-
U.S. Total	27,134	1,392	94,582	28,526	98,858	-71.1

- = No data reported.

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

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

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

(dollars per short ton)

Continent and Country of Origin	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
North America Total	161.50	167.50	113.00	163.86	122.44	33.8
Canada	159.94	167.50	113.00	162.93	122.44	33.1
Mexico	367.73	-	-	367.73	-	-
South America Total	-	-	145.65	-	145.65	-
Colombia	-	-	145.65	-	145.65	-
Europe Total	101.61	321.51	120.27	105.23	124.21	-15.3
Germany, Federal Republic of	-	617.50	-	617.50	-	-
Italy	-	285.56	257.53	285.56	258.65	10.4
Poland	101.61	-	-	101.61	-	-
Russia	-	-	94.21	-	94.21	-
United Kingdom	-	772.73	1,000.00	772.73	770.63	0.3
Asia Total	776.47	977.13	355.30	834.62	314.99	165.0
China	731.05	2,507.50	-	779.39	29.24	NM
Indonesia	986.00	885.76	823.11	917.47	903.34	1.6
Japan	-	-	317.16	-	317.20	-
Africa Total	323.33	-	-	323.33	-	-
South Africa	323.33	-	-	323.33	-	-
U.S. Total	135.95	249.95	130.65	141.51	134.15	5.5

- = No data reported.

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

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

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

Receipts and Prices

Table 23. Coal Receipts at Coke Plants by Census Division

(thousand short tons)

Census Division	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	1,283	1,185	1,014	2,468	2,056	20.0
East North Central	2,589	2,007	2,182	4,596	4,224	8.8
South Atlantic	385	407	392	791	814	-2.8
East South Central	311	340	342	651	660	-1.3
U.S. Total	4,568	3,939	3,931	8,507	7,754	9.7

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	w	w	w	w	w	w
East North Central	129.44	130.96	101.17	130.10	107.98	20.5
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	121.70	121.05	100.28	121.40	104.49	16.2

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Coke						
Sales	1,507	1,389	1,439	2,896	2,777	4.3
Average Price	280.67	306.30	288.25	292.96	298.00	-1.7
Breeze						
Sales	104	97	89	201	158	27.1
Average Price	72.99	82.07	80.52	77.36	80.44	-3.8

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.' 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
New England	4	7	4	11	9	31.5
Maine	3	6	3	9	7	29.6
Massachusetts	1	2	1	2	2	39.0
Middle Atlantic	307	299	419	606	862	-29.7
New York	89	83	104	172	216	-20.4
Pennsylvania	218	216	315	434	646	-32.8
East North Central	1,778	1,603	1,738	3,381	3,336	1.3
Illinois	658	671	592	1,329	1,232	7.9
Indiana	572	455	577	1,027	959	7.1
Michigan	167	144	150	311	292	6.5
Ohio	147	124	195	271	413	-34.4
Wisconsin	235	208	224	443	440	0.7
West North Central	2,959	3,161	2,867	6,120	6,017	1.7
Iowa	616	604	584	1,219	1,154	5.6
Kansas	28	25	24	52	49	7.2
Minnesota	227	366	115	593	506	17.3
Missouri	197	191	179	388	339	14.4
Nebraska	281	287	211	567	484	17.4
North Dakota	1,548	1,630	1,712	3,178	3,398	-6.5
South Dakota	63	58	42	121	88	38.5
South Atlantic	765	742	851	1,507	1,805	-16.5
Delaware	-	-	30	-	58	-
Florida	165	121	150	286	290	-1.5
Georgia	67	90	87	157	187	-16.1
Maryland	148	122	141	270	256	5.5
North Carolina	121	130	122	250	264	-5.2
South Carolina	64	69	53	133	156	-14.9
Virginia	105	132	143	237	317	-25.4
West Virginia	95	80	124	175	277	-36.6
East South Central	832	878	954	1,710	2,009	-14.9
Alabama	241	223	262	464	608	-23.7
Kentucky	214	233	190	447	365	22.5
Mississippi	1	1	1	1	1	s
Tennessee	376	421	501	798	1,035	-23.0
West South Central	346	383	362	729	760	-4.1
Arkansas	43	62	46	105	99	6.4
Louisiana	48	61	65	109	133	-18.0
Oklahoma	114	122	117	236	233	1.3
Texas	140	138	135	278	295	-5.7
Mountain	827	731	812	1,558	1,572	-0.9
Arizona	52	49	68	101	102	-0.9
Colorado	71	62	58	132	120	10.6
Idaho	25	17	36	42	55	-23.1
Montana	47	69	29	116	106	9.9
Nevada	60	59	63	120	117	1.9
New Mexico	21	15	22	36	37	-1.0
Utah	140	72	159	212	256	-17.1
Wyoming	412	387	378	799	780	2.4
Pacific	372	345	366	718	704	2.0
Alaska	s	s	s	1	1	s
California	351	321	337	672	630	6.6
Oregon	-	-	6	-	22	-
Washington	21	25	23	45	51	-11.6
U.S. Total	8,191	8,149	8,373	16,340	17,074	-4.3

- = 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' 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
New England	w	w	w	w	w	w
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
Middle Atlantic	76.66	76.15	80.28	76.41	79.67	-4.1
New York	85.04	w	95.38	w	w	w
Pennsylvania	73.20	w	75.25	w	w	w
East North Central	72.83	68.57	69.19	70.81	68.10	4.0
Illinois	45.25	41.87	45.72	43.55	45.85	-5.0
Indiana	90.73	91.33	84.92	91.00	83.31	9.2
Michigan	84.96	78.49	77.40	81.96	81.01	1.2
Ohio	99.34	103.84	81.43	101.41	79.72	27.2
Wisconsin	81.34	76.88	74.48	79.24	77.77	1.9
West North Central	34.38	35.58	35.40	35.00	35.78	-2.2
Iowa	42.48	44.84	46.13	43.65	45.39	-3.8
Kansas	w	w	w	w	w	w
Minnesota	47.39	48.81	53.05	48.27	51.51	-6.3
Missouri	49.95	55.25	59.59	52.56	60.25	-12.8
Nebraska	24.12	29.08	28.97	26.63	29.41	-9.5
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	89.65	94.12	89.13	91.85	92.02	-0.2
Delaware	-	-	w	-	w	-
Florida	w	w	90.91	w	w	w
Georgia	90.53	95.57	95.55	93.42	97.23	-3.9
Maryland	w	w	w	w	w	w
North Carolina	93.19	92.75	100.21	92.96	100.80	-7.8
South Carolina	96.17	95.25	92.48	95.70	97.99	-2.3
Virginia	89.94	95.19	75.70	92.86	91.90	1.0
West Virginia	155.42	155.39	126.68	155.41	113.29	37.2
East South Central	88.62	88.75	89.32	88.69	90.31	-1.8
Alabama	94.92	91.41	92.38	93.23	92.44	0.9
Kentucky	88.15	95.59	90.52	92.03	95.86	-4.0
Tennessee	84.91	83.59	87.30	84.21	87.12	-3.3
West South Central	66.62	62.32	64.38	64.36	65.83	-2.2
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	75.35	67.45	84.22	71.43	85.07	-16.0
Mountain	51.98	49.94	55.98	51.02	52.61	-3.0
Arizona	w	w	w	w	w	w
Colorado	52.11	46.77	w	49.63	w	w
Idaho	w	w	w	w	w	w
Montana	49.65	30.09	54.31	37.94	42.24	-10.2
Nevada	64.23	70.92	70.90	67.54	70.42	-4.1
New Mexico	w	w	w	w	w	w
Utah	53.44	52.51	48.84	53.13	49.90	6.5
Wyoming	44.19	44.47	41.41	44.33	41.43	7.0
Pacific	84.50	85.11	79.34	84.79	80.28	5.6
California	w	w	79.52	w	w	w
Oregon	-	-	w	-	w	-
Washington	w	w	w	w	w	w
U.S. Total	60.40	59.27	61.43	59.84	61.39	-2.5

- = 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.'

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

(thousand short tons)

NAICS Code		April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
					2017	2016	
311	Food Manufacturing	1,871	2,098	1,726	3,968	3,881	2.2
312	Beverage and Tobacco Product Mfg.	7	9	9	16	22	-27.6
313	Textile Mills	22	38	18	60	56	7.2
322	Paper Manufacturing	730	829	910	1,558	2,034	-23.4
324	Petroleum and Coal Products*	1,454	1,595	1,636	3,049	3,277	-7.0
325	Chemical Manufacturing	864	967	1,229	1,832	2,641	-30.6
327	Nonmetallic Mineral Products Mfg.	2,261	1,749	2,039	4,010	3,692	8.6
331	Primary Metal Manufacturing**	602	493	569	1,095	977	12.1
333	Machinery Manufacturing	4	5	4	9	58	-84.4
339	Miscellaneous Manufacturing	378	366	232	744	436	70.4
U.S. Total		8,191	8,149	8,373	16,340	17,074	-4.3

* 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
					2017	2016	
311	Food Manufacturing	42.18	43.11	48.49	42.67	47.41	-10.0
312	Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313	Textile Mills	111.10	105.93	116.20	107.83	108.09	-0.2
322	Paper Manufacturing	80.78	77.56	76.16	79.07	77.33	2.3
324	Petroleum and Coal Products*	w	w	w	w	w	w
325	Chemical Manufacturing	74.54	76.17	73.05	75.40	74.26	1.5
327	Nonmetallic Mineral Products Mfg.	71.36	73.97	74.06	72.50	75.07	-3.4
331	Primary Metal Manufacturing**	114.65	111.92	103.87	113.42	106.36	6.6
333	Machinery Manufacturing	w	w	w	w	w	w
339	Miscellaneous Manufacturing	49.92	55.52	57.60	52.67	66.17	-20.4
U.S. Total		60.40	59.27	61.43	59.84	61.39	-2.5

* 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	4	14	4	18	27	-33.4
Pennsylvania	4	14	4	18	27	-33.4
East North Central	27	57	42	84	127	-34.3
Illinois	22	32	25	54	59	-8.7
Indiana	5	10	13	16	28	-44.9
Ohio	-	-	4	-	24	-
Wisconsin	-	14	s	14	15	-8.5
West North Central	32	83	35	115	127	-9.5
Iowa	30	36	28	66	69	-4.0
Minnesota	s	6	s	6	7	-15.9
Missouri	1	13	s	15	19	-23.3
North Dakota	1	27	7	28	32	-11.7
South Atlantic	20	38	30	57	73	-22.0
District of Columbia	2	-	2	2	2	-0.1
North Carolina	18	29	19	46	54	-14.1
Virginia	s	9	9	9	18	-47.8
East South Central	3	3	7	6	13	-57.5
Kentucky	3	3	7	6	13	-57.5
Mountain	2	6	1	8	4	129.9
Colorado	-	s	-	s	-	-
Montana	s	1	-	1	-	-
Wyoming	2	6	1	7	4	98.0
Pacific	107	143	101	250	241	4.0
Alaska	107	143	101	250	241	4.0
U.S. Total	195	344	220	539	613	-12.1

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	124.78	119.41	106.04	120.61	117.54	2.6
Pennsylvania	124.78	119.41	106.04	120.61	117.54	2.6
East North Central	53.35	80.82	60.48	71.99	80.95	-11.1
Illinois	w	55.54	51.82	w	w	w
Indiana	w	w	w	w	w	w
Ohio	-	-	w	-	w	-
Wisconsin	-	w	w	w	w	w
West North Central	78.24	75.63	79.58	76.36	74.59	2.4
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	108.42	100.75	108.23	103.38	102.42	0.9
District of Columbia	w	-	w	w	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
Mountain	w	w	w	w	w	w
Colorado	-	w	-	w	-	-
Montana	w	w	-	w	-	-
Wyoming	w	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	81.16	83.80	80.22	82.84	83.24	-0.5

- = 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, 2011 - 2017

(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	
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	4,899	9,167	228	220	448	165,984
April - June	147,209	4,096	3,366	5,132	8,499	136	73	209	160,013
July - September	210,260	4,163	3,522	4,964	8,486	146	54	200	223,108
October - December	167,561	4,102	3,146	5,562	8,709	182	142	325	180,696
Total	677,275	16,485	14,302	20,558	34,860	692	490	1,182	729,801
2017									
January - March	160,472	4,236	3,516	5,002	8,517	167	206	373	173,598
April - June	154,590	4,325	3,178	4,943	8,121	115	84	199	167,235
Total	315,062	8,561	6,694	9,945	16,639	282	289	572	340,833
2016 January - June	299,454	8,219	7,634	10,031	17,666	364	293	657	325,997
2015 January - June	371,032	10,143	8,697	11,007	19,704	442	426	869	401,748

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	1,297	1,303	1,208	2,600	2,358	10.3
East North Central	2,312	2,220	2,172	4,532	4,453	1.8
South Atlantic	394	388	398	782	794	-1.5
East South Central	322	325	318	646	614	5.3
U.S. Total	4,325	4,236	4,096	8,561	8,219	4.2

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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
New England	4	7	4	11	9	21.6
Maine	4	5	3	9	7	25.4
Massachusetts	1	1	1	2	2	7.4
Middle Atlantic	310	307	411	617	878	-29.7
New York	94	90	94	184	232	-20.4
Pennsylvania	216	217	316	433	647	-33.0
East North Central	1,738	1,731	1,721	3,469	3,596	-3.5
Illinois	666	673	587	1,338	1,239	8.0
Indiana	540	497	556	1,037	1,052	-1.5
Michigan	163	170	174	333	404	-17.5
Ohio	145	126	194	270	415	-34.9
Wisconsin	225	266	210	491	486	0.9
West North Central	2,902	3,287	2,917	6,189	6,114	1.2
Iowa	602	618	603	1,220	1,193	2.3
Kansas	27	22	28	49	47	4.3
Minnesota	232	419	174	651	567	14.9
Missouri	193	201	164	394	326	20.8
Nebraska	261	294	237	555	512	8.5
North Dakota	1,535	1,680	1,664	3,214	3,369	-4.6
South Dakota	51	54	48	105	99	6.0
South Atlantic	784	761	900	1,545	1,897	-18.5
Delaware	-	-	30	-	58	-
Florida	167	134	117	301	241	24.7
Georgia	84	89	103	173	236	-26.7
Maryland	139	123	137	262	255	2.6
North Carolina	115	137	124	252	266	-5.1
South Carolina	67	64	75	132	177	-25.8
Virginia	113	142	140	255	331	-23.1
West Virginia	99	72	174	171	332	-48.4
East South Central	859	860	966	1,718	1,988	-13.6
Alabama	238	231	279	469	590	-20.5
Kentucky	225	217	190	442	357	24.1
Mississippi	1	1	1	1	1	s
Tennessee	395	411	497	806	1,040	-22.6
West South Central	380	398	408	778	852	-8.6
Arkansas	49	51	46	99	101	-2.1
Louisiana	46	66	65	113	132	-14.5
Oklahoma	118	131	145	249	284	-12.5
Texas	167	150	152	317	334	-5.1
Mountain	760	808	811	1,568	1,611	-2.7
Arizona	44	55	50	99	88	12.3
Colorado	83	60	78	143	148	-3.2
Idaho	13	41	11	54	45	19.7
Montana	30	88	26	118	117	1.0
Nevada	58	70	67	128	134	-4.5
New Mexico	20	16	21	36	36	0.9
Utah	132	84	165	216	250	-13.7
Wyoming	379	395	393	774	793	-2.4
Pacific	384	357	361	741	721	2.8
Alaska	s	s	s	1	1	s
California	360	339	332	699	664	5.2
Hawaii	-	-	3	-	4	-
Washington	24	18	26	42	52	-19.4
U.S. Total	8,121	8,517	8,499	16,639	17,666	-5.8

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
					2017	2016	
311	Food Manufacturing	1,851	2,170	1,699	4,021	3,932	2.3
312	Beverage and Tobacco Product Mfg.	8	8	11	16	22	-28.8
313	Textile Mills	24	36	18	60	56	7.1
322	Paper Manufacturing	717	858	959	1,575	2,169	-27.4
324	Petroleum and Coal Products*	1,459	1,587	1,628	3,046	3,257	-6.5
325	Chemical Manufacturing	878	972	1,274	1,850	2,745	-32.6
327	Nonmetallic Mineral Products Mfg.	2,268	1,903	2,037	4,171	3,939	5.9
331	Primary Metal Manufacturing**	561	597	618	1,158	1,066	8.7
332	Fabricated Metal Product Mfg.	-	-	1	-	4	-
333	Machinery Manufacturing	7	5	15	12	36	-66.3
336	Transportation Equipment Mfg.	s	2	s	2	2	-13.2
339	Miscellaneous Manufacturing	348	379	239	727	438	66.0
U.S. Total		8,121	8,517	8,499	16,639	17,666	-5.8

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

(thousand short tons)

Census Division and State	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic	3	14	4	18	28	-37.1
Pennsylvania	3	14	4	18	28	-37.1
East North Central	38	58	46	95	161	-40.9
Illinois	28	30	26	58	57	1.4
Indiana	9	12	15	21	37	-43.0
Michigan	-	-	s	-	14	-
Ohio	-	1	5	1	36	-97.7
Wisconsin	-	15	s	15	17	-8.7
West North Central	34	85	37	119	131	-9.0
Iowa	27	36	30	63	70	-10.4
Minnesota	s	5	s	5	7	-23.8
Missouri	1	15	2	16	21	-21.0
North Dakota	5	29	5	34	33	4.7
South Atlantic	25	57	21	82	85	-4.0
District of Columbia	-	1	-	1	1	-8.3
North Carolina	19	37	17	56	62	-11.0
Virginia	6	19	4	25	22	16.4
East South Central	4	6	3	10	11	-10.6
Kentucky	4	6	3	10	11	-10.6
Mountain	2	7	1	8	4	87.0
Colorado	-	-	s	-	s	-
Montana	-	1	-	1	s	158.3
Wyoming	2	6	1	7	4	98.0
Pacific	93	146	96	240	237	1.3
Alaska	93	146	96	240	237	1.3
U.S. Total	199	373	209	572	657	-13.0

- = 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, 2011 - 2017

(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				
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	3,951	332	198,466	37,304*	235,770	
June 30	183,248	1,802	3,834	337	189,222	37,127*	226,349	
September 30	158,238	1,660	3,719	370	163,988	33,574*	197,562	
December 31	163,946	1,675	3,635	360	169,616	33,699*	203,315	
2017								
March 31	163,900	1,388	3,235	334	168,856	34,719*	203,575	
June 30	160,540	1,626	3,291	328	165,785	34,240*	200,025	

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, 2017	March 31, 2017	June 30, 2016	Percent Change (June 30) 2017 versus 2016
Middle Atlantic	188	201	511	-63.3
East North Central	1,074	820	902	19.0
South Atlantic	137	149	144	-4.9
East South Central	227	218	244	-6.9
U.S. Total	1,626	1,388	1,802	-9.8

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.' 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, 2017	March 31, 2017	June 30, 2016	Percent Change (June 30) 2017 versus 2016
New England	5	5	5	-1.5
Maine	1	1	1	0.8
Massachusetts	4	4	4	-1.8
Middle Atlantic	287	292	323	-11.2
New York	134	139	123	8.8
Pennsylvania	153	153	200	-23.5
East North Central	719	689	732	-1.7
Illinois	133	139	127	4.8
Indiana	267	239	216	23.4
Michigan	209	216	238	-12.0
Ohio	29	25	35	-17.5
Wisconsin	81	70	116	-29.9
West North Central	620	565	825	-24.8
Iowa	126	113	150	-16.3
Kansas	46	45	39	17.7
Minnesota	99	105	222	-55.2
Missouri	65	62	78	-17.3
Nebraska	78	59	75	3.5
North Dakota	177	164	209	-15.3
South Dakota	30	18	52	-42.3
South Atlantic	319	336	436	-26.9
Delaware	-	-	4	-100.0
Florida	36	34	93	-61.3
Georgia	62	78	95	-35.1
Maryland	22	13	18	24.7
North Carolina	24	19	27	-9.6
South Carolina	69	72	86	-20.0
Virginia	55	66	66	-16.6
West Virginia	51	55	48	6.1
East South Central	222	249	266	-16.6
Alabama	101	98	111	-9.5
Kentucky	32	43	32	0.1
Tennessee	89	108	123	-27.5
West South Central	404	443	496	-18.6
Arkansas	42	47	40	3.9
Louisiana	9	7	10	-11.4
Oklahoma	116	119	154	-25.0
Texas	237	270	291	-18.6
Mountain	552	479	535	3.2
Arizona	54	46	55	-1.8
Colorado	43	55	28	52.5
Idaho	270	252	292	-7.6
Montana	41	25	26	57.1
Nevada	19	17	17	13.8
New Mexico	4	4	2	83.4
Utah	42	33	43	-3.1
Wyoming	79	46	71	11.0
Pacific	164	176	217	-24.3
California	125	133	173	-27.8
Hawaii	-	-	14	-100.0
Oregon	34	34	25	36.1
Washington	5	8	5	-6.1
U.S. Total	3,291	3,235	3,834	-14.2

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, 2017	March 31, 2017	June 30, 2016	Percent Change (June 30) 2017 versus 2016
311 Food Manufacturing	710	689	776	-8.4
312 Beverage and Tobacco Product Mfg.	3	5	1	94.7
313 Textile Mills	14	16	15	-7.9
322 Paper Manufacturing	339	326	457	-25.9
324 Petroleum and Coal Products*	175	180	187	-6.7
325 Chemical Manufacturing	313	325	418	-25.0
327 Nonmetallic Mineral Products Mfg.	1,279	1,287	1,491	-14.2
331 Primary Metal Manufacturing**	307	282	360	-14.7
332 Fabricated Metal Product Mfg.	-	-	s	-100.0
333 Machinery Manufacturing	34	37	38	-10.0
336 Transportation Equipment Mfg.	4	4	6	-37.1
339 Miscellaneous Manufacturing	113	83	84	34.5
U.S. Total	3,291	3,235	3,834	-14.2

* 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, 2017	March 31, 2017	June 30, 2016	Percent Change (June 30) 2017 versus 2016
Middle Atlantic	58	83	122	-52.4
East North Central	374	401	550	-31.9
South Atlantic	93	91	79	18.6
East South Central	90	95	214	-57.9
U.S. Total	616	670	964	-36.2
Coke Total	414	448	765	-45.8
Breeze Total	202	222	200	0.9

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, 2017	March 31, 2017	June 30, 2016	Percent Change (June 30) 2017 versus 2016
Middle Atlantic	40	39	46	-13.4
Pennsylvania	40	39	46	-13.4
East North Central	49	61	55	-11.0
Illinois	14	22	15	-3.8
Indiana	28	32	32	-12.6
Ohio	5	5	7	-21.2
Wisconsin	2	2	2	-4.3
West North Central	59	61	60	-2.7
Iowa	38	35	34	9.3
Minnesota	12	12	13	-10.0
Missouri	1	1	-	-
North Dakota	9	13	13	-32.0
South Atlantic	38	43	62	-39.3
District of Columbia	4	3	4	17.4
North Carolina	24	25	35	-32.6
South Carolina	-	-	s	-100.0
Virginia	10	16	23	-58.1
East South Central	8	9	13	-40.4
Kentucky	8	9	13	-39.3
Tennessee	-	s	s	-100.0
Mountain	3	3	3	0.5
Colorado	1	1	s	231.6
Montana	2	2	3	-13.8
Wyoming	s	s	s	s
Pacific	132	118	98	34.7
Alaska	132	118	98	34.7
U.S. Total	328	334	337	-2.8

- = 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
New England						
Btu	12,610	12,560	12,689	12,578	12,634	-0.4
Sulfur	0.80	0.84	0.87	0.83	0.85	-3.1
Ash	7.76	8.79	8.28	8.41	8.35	0.6
Maine						
Btu	12,714	12,619	12,619	12,655	12,619	0.3
Sulfur	0.67	0.79	0.79	0.74	0.79	-5.7
Ash	7.11	8.31	8.31	7.86	8.31	-5.4
Massachusetts						
Btu	12,209	12,344	12,889	12,295	12,696	-3.2
Sulfur	1.31	1.02	1.10	1.12	1.10	2.3
Ash	10.26	10.55	8.18	10.45	8.53	22.5
Middle Atlantic						
Btu	13,851	13,774	13,665	13,814	13,732	0.6
Sulfur	1.19	1.10	0.94	1.15	1.05	9.1
Ash	8.49	8.83	7.26	8.65	7.63	13.4
New York						
Btu	13,393	13,320	13,485	13,357	13,494	-1.0
Sulfur	1.76	1.47	1.31	1.61	1.46	10.4
Ash	7.31	7.22	6.69	7.27	6.97	4.3
Pennsylvania						
Btu	13,885	13,811	13,682	13,850	13,756	0.7
Sulfur	1.15	1.07	0.91	1.11	1.01	9.9
Ash	8.58	8.96	7.32	8.76	7.69	13.9
East North Central						
Btu	13,193	13,076	13,128	13,140	13,120	0.1
Sulfur	1.16	1.19	1.20	1.17	1.27	-7.7
Ash	7.38	7.27	7.29	7.33	7.27	0.8
Illinois						
Btu	11,369	11,396	11,564	11,383	11,565	-1.6
Sulfur	2.23	2.09	2.17	2.16	2.27	-5.1
Ash	7.61	7.44	7.78	7.52	7.86	-4.3
Indiana						
Btu	13,931	14,041	13,937	13,982	13,978	s
Sulfur	0.89	0.85	0.88	0.87	0.90	-3.4
Ash	7.53	7.19	7.16	7.38	7.05	4.6
Michigan						
Btu	13,013	12,467	12,839	12,860	12,631	1.8
Sulfur	0.76	0.67	0.75	0.74	0.72	2.8
Ash	6.80	8.49	6.77	7.28	6.50	11.9
Ohio						
Btu	14,135	14,034	13,810	14,090	13,841	1.8
Sulfur	0.98	0.98	1.12	0.98	1.14	-13.8
Ash	7.31	7.23	7.36	7.28	7.39	-1.5
Wisconsin						
Btu	10,729	10,367	10,870	10,559	10,672	-1.1
Sulfur	0.75	0.78	0.90	0.77	1.02	-24.9
Ash	7.00	6.09	6.89	6.57	6.73	-2.4
West North Central						
Btu	8,331	8,251	8,175	8,290	8,191	1.2
Sulfur	0.89	0.82	0.94	0.86	0.90	-4.3
Ash	6.31	6.12	6.31	6.21	6.20	0.3
Iowa						
Btu	9,365	9,154	9,175	9,261	9,131	1.4
Sulfur	0.94	0.76	0.89	0.85	0.85	0.3
Ash	5.49	5.09	5.26	5.29	5.21	1.4
Kansas						
Btu	10,964	10,711	10,966	10,844	10,863	-0.2
Sulfur	1.75	1.82	1.59	1.78	1.85	-3.8
Ash	9.78	9.75	9.84	9.76	11.41	-14.4

Census Division and State ¹	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Minnesota						
Btu	9,037	9,258	9,286	9,173	9,314	-1.5
Sulfur	0.32	0.34	0.33	0.33	0.35	-6.8
Ash	4.60	4.51	4.08	4.54	4.17	8.8
Missouri						
Btu	11,152	11,210	11,290	11,181	11,271	-0.8
Sulfur	2.18	2.03	2.20	2.11	2.12	-0.5
Ash	9.07	8.69	8.17	8.88	8.43	5.4
Nebraska						
Btu	9,113	8,795	9,233	8,952	8,993	-0.5
Sulfur	0.25	0.23	0.26	0.24	0.24	s
Ash	4.76	4.62	5.12	4.69	4.81	-2.6
North Dakota						
Btu	7,266	7,205	7,247	7,235	7,236	s
Sulfur	0.91	0.91	0.95	0.91	0.96	-4.8
Ash	6.75	6.77	6.72	6.76	6.73	0.4
South Dakota						
Btu	8,384	8,392	8,126	8,388	8,177	2.6
Sulfur	0.59	0.59	0.43	0.59	0.50	16.8
Ash	6.62	6.60	5.51	6.61	5.92	11.7
South Atlantic						
Btu	13,308	13,434	13,235	13,371	13,277	0.7
Sulfur	1.17	1.09	1.18	1.13	1.17	-3.0
Ash	9.94	9.22	9.21	9.58	8.94	7.2
Delaware						
Btu	-	-	11,572	-	11,566	-
Sulfur	-	-	2.33	-	2.33	-
Ash	-	-	7.35	-	7.53	-
Florida						
Btu	12,625	12,719	13,228	12,665	13,116	-3.4
Sulfur	1.39	1.06	0.99	1.25	1.06	17.8
Ash	8.99	8.17	5.20	8.64	5.93	45.7
Georgia						
Btu	12,374	12,528	12,802	12,463	12,927	-3.6
Sulfur	1.03	0.96	0.99	0.99	1.00	-1.0
Ash	10.41	10.16	9.40	10.26	8.70	17.9
Maryland						
Btu	10,917	10,867	10,913	10,894	10,898	s
Sulfur	1.86	1.84	1.84	1.85	1.87	-0.9
Ash	23.97	22.86	23.83	23.46	23.60	-0.6
North Carolina						
Btu	13,651	13,747	13,063	13,701	13,047	5.0
Sulfur	0.97	0.94	0.95	0.95	0.95	0.8
Ash	7.07	6.79	7.40	6.92	7.15	-3.1
South Carolina						
Btu	13,371	13,435	12,889	13,404	13,079	2.5
Sulfur	0.89	1.05	0.93	0.98	0.81	20.6
Ash	10.59	9.55	6.99	10.05	7.29	37.8
Virginia						
Btu	14,158	14,151	13,955	14,154	13,995	1.1
Sulfur	0.84	0.94	1.05	0.89	1.07	-16.7
Ash	7.07	7.15	7.40	7.11	7.25	-1.9
West Virginia						
Btu	14,134	14,166	13,907	14,150	13,844	2.2
Sulfur	1.33	1.13	1.21	1.23	1.18	4.3
Ash	7.13	6.82	7.76	6.98	7.82	-10.8
East South Central						
Btu	13,500	13,505	13,465	13,503	13,458	0.3
Sulfur	1.24	1.15	1.16	1.19	1.12	6.0
Ash	7.36	7.09	7.35	7.22	7.28	-0.8
Alabama						
Btu	13,890	13,916	13,873	13,903	13,754	1.1
Sulfur	1.16	0.96	1.00	1.06	0.96	10.0
Ash	7.43	6.93	7.53	7.18	7.48	-4.1

Census Division and State ¹	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Kentucky						
Btu	12,966	13,157	12,742	13,066	13,208	-1.1
Sulfur	0.97	0.99	1.22	0.98	1.10	-11.2
Ash	7.51	6.98	7.41	7.23	7.01	3.2
Tennessee						
Btu	13,236	13,153	13,252	13,192	13,185	0.1
Sulfur	1.50	1.49	1.33	1.49	1.33	12.6
Ash	7.16	7.37	7.10	7.27	7.13	2.0
West South Central						
Btu	9,598	9,583	9,858	9,590	9,912	-3.2
Sulfur	0.58	0.57	0.62	0.58	0.63	-7.8
Ash	7.88	7.88	8.07	7.88	8.11	-2.8
Arkansas						
Btu	11,949	12,046	11,925	12,006	11,965	0.3
Sulfur	1.36	1.14	1.50	1.23	1.42	-13.6
Ash	10.39	9.22	11.48	9.70	11.01	-11.8
Louisiana						
Btu	7,964	7,343	7,545	7,615	7,705	-1.2
Sulfur	0.77	0.69	0.62	0.73	0.64	12.7
Ash	7.16	6.85	6.28	6.99	6.35	9.9
Oklahoma						
Btu	9,428	9,226	9,436	9,324	9,487	-1.7
Sulfur	0.32	0.27	0.37	0.29	0.38	-22.7
Ash	4.64	4.62	5.21	4.63	5.27	-12.1
Texas						
Btu	9,569	9,795	10,637	9,681	10,558	-8.3
Sulfur	0.50	0.54	0.55	0.52	0.55	-5.9
Ash	10.00	10.60	10.25	10.30	10.18	1.2
Mountain						
Btu	10,431	10,138	10,721	10,293	10,525	-2.2
Sulfur	0.50	0.49	0.62	0.49	0.60	-18.0
Ash	7.49	6.94	7.70	7.23	7.07	2.4
Arizona						
Btu	11,589	11,653	11,583	11,620	11,692	-0.6
Sulfur	0.60	0.59	0.69	0.60	0.75	-20.8
Ash	11.48	10.87	11.70	11.18	11.20	-0.2
Colorado						
Btu	10,818	10,617	11,962	10,724	11,255	-4.7
Sulfur	0.48	0.43	0.58	0.46	0.52	-12.0
Ash	7.86	7.70	9.42	7.79	8.26	-5.7
Idaho						
Btu	11,227	11,038	11,299	11,150	11,215	-0.6
Sulfur	0.51	0.50	0.54	0.50	0.56	-10.1
Ash	11.70	11.06	11.03	11.44	10.38	10.2
Montana						
Btu	9,858	8,542	9,644	9,070	8,942	1.4
Sulfur	0.43	0.35	0.37	0.38	0.36	5.7
Ash	5.16	5.60	4.73	5.42	5.06	7.2
Nevada						
Btu	11,092	10,955	11,351	11,024	11,343	-2.8
Sulfur	0.51	0.48	0.43	0.50	0.45	10.3
Ash	8.56	8.40	8.78	8.48	9.26	-8.4
New Mexico						
Btu	12,187	12,247	12,246	12,213	12,275	-0.5
Sulfur	0.69	0.70	0.67	0.69	0.71	-2.4
Ash	10.55	9.78	10.01	10.22	9.91	3.2
Utah						
Btu	11,453	11,430	11,431	11,445	11,463	-0.2
Sulfur	0.52	0.77	0.54	0.61	0.54	11.5
Ash	11.69	11.43	10.65	11.60	10.76	7.9
Wyoming						
Btu	9,700	9,667	9,911	9,684	9,912	-2.3
Sulfur	0.48	0.44	0.70	0.46	0.67	-30.6
Ash	5.19	5.21	5.07	5.20	4.71	10.4

Census Division and State ¹	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Pacific						
Btu	11,470	11,254	11,424	11,366	11,425	-0.5
Sulfur	0.59	0.52	0.58	0.56	0.60	-6.8
Ash	11.10	11.16	10.45	11.13	10.18	9.3
California						
Btu	11,592	11,401	11,568	11,500	11,589	-0.8
Sulfur	0.61	0.54	0.59	0.58	0.62	-7.8
Ash	11.50	11.67	10.87	11.58	10.63	9.0
Oregon						
Btu	-	-	11,708	-	11,541	-
Sulfur	-	-	0.52	-	0.53	-
Ash	-	-	10.47	-	11.02	-
Washington						
Btu	9,412	9,347	9,287	9,377	9,349	0.3
Sulfur	0.34	0.32	0.36	0.33	0.34	-4.3
Ash	4.20	4.48	4.42	4.35	4.25	2.5
U.S. Total						
Btu	11,856	11,634	11,772	11,748	11,736	0.1
Sulfur	1.03	0.99	1.03	1.01	1.05	-3.3
Ash	7.63	7.44	7.40	7.54	7.32	2.9

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

- = No data reported.

s = Absolute percentage less than 0.05.

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Middle Atlantic						
Btu	12,964	13,038	13,419	13,021	13,018	s
Sulfur	0.77	0.75	0.94	0.76	0.85	-11.2
Ash	8.29	8.73	7.60	8.63	8.38	2.9
Pennsylvania						
Btu	12,964	13,038	13,419	13,021	13,018	s
Sulfur	0.77	0.75	0.94	0.76	0.85	-11.2
Ash	8.29	8.73	7.60	8.63	8.38	2.9
East North Central						
Btu	11,286	11,773	11,443	11,617	11,959	-2.9
Sulfur	3.10	2.40	2.95	2.63	2.42	8.3
Ash	10.01	8.93	9.13	9.28	8.45	9.8
Illinois						
Btu	11,180	11,216	11,243	11,201	11,279	-0.7
Sulfur	3.26	3.14	3.23	3.19	3.20	-0.4
Ash	10.09	9.32	9.47	9.62	9.31	3.4
Indiana						
Btu	11,724	11,376	11,328	11,493	11,261	2.1
Sulfur	2.43	2.25	2.99	2.31	3.00	-23.0
Ash	9.66	9.45	9.41	9.52	9.45	0.7
Ohio						
Btu	-	-	13,216	-	13,543	-
Sulfur	-	-	0.90	-	0.89	-
Ash	-	-	5.72	-	5.70	-
Wisconsin						
Btu	-	13,375	13,375	13,375	13,375	s
Sulfur	-	0.78	0.78	0.78	0.78	s
Ash	-	7.65	7.65	7.65	7.65	s
West North Central						
Btu	11,271	10,315	10,840	10,582	10,501	0.8
Sulfur	2.52	1.91	2.22	2.08	1.98	5.0
Ash	8.71	8.53	8.80	8.58	8.64	-0.7
Iowa						
Btu	11,356	11,397	11,361	11,379	11,314	0.6
Sulfur	2.57	2.76	2.60	2.67	2.52	6.1
Ash	8.74	8.55	8.74	8.64	8.67	-0.4
Minnesota						
Btu	9,343	8,797	9,350	8,819	8,921	-1.1
Sulfur	0.22	0.27	0.37	0.27	0.22	24.5
Ash	3.76	5.90	4.20	5.81	5.59	4.0
Missouri						
Btu	11,482	11,399	11,320	11,406	11,316	0.8
Sulfur	3.10	2.99	2.98	3.00	2.92	2.7
Ash	8.34	8.49	8.91	8.48	8.68	-2.4
North Dakota						
Btu	8,636	8,673	8,701	8,672	8,622	0.6
Sulfur	0.63	0.62	0.64	0.62	0.67	-8.1
Ash	9.48	9.09	9.24	9.10	9.24	-1.6
South Atlantic						
Btu	13,068	13,144	13,276	13,118	13,275	-1.2
Sulfur	1.45	1.44	1.40	1.45	1.48	-2.1
Ash	9.28	9.13	9.96	9.18	9.02	1.8
District of Columbia						
Btu	13,156	-	13,260	13,156	13,260	-0.8
Sulfur	0.58	-	0.51	0.58	0.51	13.7
Ash	6.85	-	6.64	6.85	6.64	3.2
North Carolina						
Btu	13,045	13,216	13,420	13,151	13,324	-1.3
Sulfur	1.56	1.65	1.64	1.62	1.64	-1.1
Ash	9.60	9.46	9.26	9.51	8.19	16.1

Census Division and State ¹	April - June 2017	January - March 2017	April - June 2016	Year to Date		Percent Change
				2017	2016	
Virginia						
Btu	13,953	12,916	12,966	12,945	13,128	-1.4
Sulfur	0.73	0.77	1.05	0.77	1.10	-30.1
Ash	5.22	8.10	12.17	8.02	11.78	-31.9
East South Central						
Btu	13,209	13,161	13,252	13,184	13,253	-0.5
Sulfur	0.77	0.77	0.71	0.77	0.70	10.6
Ash	5.91	5.59	5.86	5.74	5.87	-2.2
Kentucky						
Btu	13,209	13,161	13,252	13,184	13,253	-0.5
Sulfur	0.77	0.77	0.71	0.77	0.70	10.6
Ash	5.91	5.59	5.86	5.74	5.87	-2.2
Mountain						
Btu	11,414	11,283	11,417	11,314	9,553	18.4
Sulfur	0.45	0.45	0.54	0.45	0.39	13.6
Ash	10.36	10.53	9.55	10.49	5.73	83.1
Colorado						
Btu	-	11,447	-	11,447	-	-
Sulfur	-	0.45	-	0.45	-	-
Ash	-	10.69	-	10.69	-	-
Montana						
Btu	10,482	10,440	-	10,450	-	-
Sulfur	0.49	0.48	-	0.48	-	-
Ash	7.11	7.07	-	7.08	-	-
Wyoming						
Btu	11,536	11,399	11,417	11,433	9,553	19.7
Sulfur	0.45	0.44	0.54	0.44	0.39	12.4
Ash	10.79	11.02	9.55	10.96	5.73	91.4
Pacific						
Btu	7,545	7,445	7,541	7,488	7,585	-1.3
Sulfur	0.11	0.13	0.15	0.12	0.13	-10.3
Ash	4.65	7.53	5.73	6.29	5.76	9.2
Alaska						
Btu	7,545	7,445	7,541	7,488	7,585	-1.3
Sulfur	0.11	0.13	0.15	0.12	0.13	-10.3
Ash	4.65	7.53	5.73	6.29	5.76	9.2
U.S. Total						
Btu	9,465	9,826	9,904	9,695	10,156	-4.5
Sulfur	1.08	1.11	1.22	1.10	1.20	-8.1
Ash	6.68	8.27	7.51	7.69	7.43	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.'