



Independent Statistics & Analysis
U.S. Energy Information
Administration

Quarterly Coal Report July – September 2016

February 2017



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

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 third quarter 2016 QCR includes detailed quarterly coal data for July – September 2016 and aggregated quarterly historical coal data for 2010 through third quarter 2016.

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

Contents

Contacts	iii
Preface	iv
Tables.....	vi
Production	3
Exports and Imports.....	7
Receipts and Prices	27
Consumption	35
Stocks.....	41
Quality	47

Tables

ES-1. U.S. Coal Summary Statistics, 2010 - 2016	1
ES-2. U.S. Coke Summary Statistics, 2010 - 2016	2
1. U.S. Coal Production, 2010 - 2016	4
2. Coal production by State	5
3. Coke and Breeze Production at Coke Plants	6
4. U.S. Coal Exports and Imports, 2010 - 2016	8
5. Average Price of U.S. Coal Exports and Imports, 2010 - 2016	8
6. Quantity and Average Price of U.S. Coal Imports by Origin, 2010 - 2016	9
7. U.S. Coal Exports.....	10
8. Average Price of U.S. Coal Exports	11
9. U.S. Steam Coal Exports	13
10. Average Price of U.S. Steam Coal Exports	14
11. U.S. Metallurgical Coal Exports	15
12. Average Price of U.S. Metallurgical Coal Exports	16
13. U.S. Coal Exports by Customs District.....	17
14. Steam Coal Exports by Customs District.....	18
15. Metallurgical Coal Exports by Customs District.....	19
16. U.S. Coke Exports.....	20
17. Average Price of U.S. Coke Exports	21
18. U.S. Coal Imports	22
19. Average Price of U.S. Coal Imports	23
20. Coal Imports by Customs District	24
21. U.S. Coke Imports	25
22. Average Price of U.S. Coke Imports.....	26
23. Coal Receipts at Coke Plants by Census Division	28
24. Average Price of Coal Receipts at Coke Plants by Census Division.....	28
25. Open Market Sales and Average Price of Coke and Breeze	29
26. Coal Receipts at Other Industrial Plants by Census Division and State	30
27. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State	31
28. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code	32
29. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code	32
30. Coal Receipts at Commercial and Institutional Users by Census Division and State.....	33
31. Average Price of Coal Receipts at Commercial and Institutional Users by Census Division and State.....	34
32. U.S. Coal Consumption by End-Use Sector, 2010 - 2016.....	36
33. Coal Carbonized at Coke Plants by Census Division	37

34. Coal Consumption at Other Industrial Plants by Census Division and State	38
35. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code ..	39
36. Coal Consumption at Commercial and Institutional Users by Census Division and State.....	40
37. U.S. Coal Stocks, 2010 - 2016	42
38. Coal Stocks at Coke Plants by Census Division	43
39. Coal Stocks at Other Industrial Plants by Census Division and State	44
40. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code	45
41. Coke and Breeze Stocks at Coke Plants by Census Division	45
42. Coke Stocks at Commercial and Institutional Users by Census Division and State	46
43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State	48
44. Average Quality of Coal Received at Commercial and Institutional Users by Census Division and State	52

[This page is intentionally left blank]

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

(thousand short tons)

Year and Quarter	Production ¹	Imports	Waste Coal Supplied	Producer and Distributor Stocks ²	Consumption	Exports	Consumer Stocks ²	Losses and Unaccounted For ³
2010								
January - March	265,702	4,803	3,288	50,936	264,939	17,807	183,970	-
April - June	264,982	5,058	3,428	51,497	247,344	21,965	188,244	-
July - September	277,505	4,680	3,636	49,913	286,361	21,074	170,674	-
October - December	276,180	4,811	3,300	49,820	249,870	20,870	181,920	-
Total	1,084,368	19,353	13,651		1,048,514	81,716		182
2011								
January - March	273,478	3,381	3,354	48,165	254,647	26,617	172,581	-
April - June	264,291	3,419	3,069	50,507	241,247	26,987	171,795	-
July - September	275,006	3,588	3,500	49,909	279,722	25,976	150,881	-
October - December	282,853	2,700	3,287	51,897	227,332	27,679	180,054	-
Total	1,095,628	13,088	13,209		1,002,948	107,259		11,506
2012								
January - March	266,865	2,022	2,893	51,141	207,833	28,642	202,166	-
April - June	241,047	2,329	2,500	50,374	201,555	37,534	205,023	-
July - September	258,956	2,415	2,982	46,231	253,984	31,563	189,530	-
October - December	249,591	2,394	2,821	46,157	225,813	28,006	192,696	-
Total	1,016,458	9,159	11,196		889,185	125,746		14,980
2013								
January - March	244,867	1,429	3,169	48,422	228,987	31,835	178,419	-
April - June	243,211	2,756	2,687	50,129	216,014	29,427	178,110	-
July - September	257,595	2,398	2,782	47,135	253,357	28,589	160,079	-
October - December	239,169	2,323	2,640	45,652	226,084	27,809	154,676	-
Total	984,842	8,906	11,279		924,442	117,659		1,451
2014								
January - March	245,271	2,450	3,277	44,728	248,329	27,584	123,990	-
April - June	245,844	3,574	2,896	42,682	211,881	24,674	139,471	-
July - September	255,377	3,151	3,256	38,828	247,453	22,723	131,386	-
October - December	253,557	2,174	2,662	38,894	210,068	22,276	158,833	-
Total	1,000,049	11,350	12,090		917,731	97,257		11,101
2015								
January - March	240,324	3,009	2,821	39,610	212,772	21,979	160,509	-
April - June	212,557	2,640	2,209	39,399	188,975	19,766	173,314	-
July - September	236,823	2,965	2,722	36,213	229,393	16,914	169,784	-
October - December	207,237	2,705	2,217	35,871	166,974	15,299	202,560	-
Total	896,941	11,318	9,969		798,115	73,958		5,452
2016								
January - March	173,028	2,698	2,478	37,304*	165,901	14,153	198,424	-
April - June	160,515	2,292	1,899	37,127*	159,877	14,223	189,075	-
July - September	195,140	2,733	2,395	33,574*	223,064	12,552	163,919	-
Total	528,682	7,722	6,772		548,842	40,928		-5,655
2015 January - September	689,704	8,613	7,752		631,141	58,659		-
2014 January - September	746,492	9,176	9,428		707,664	74,981		-

1 Includes refuse recovery.

2 Reported as of the last day of the quarter.

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

* Estimated.

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

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

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

(thousand short tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks¹	Consumption²	Exports
2010					
January - March	3,433	365	702	3,588	285
April - June	3,810	448	629	4,029	300
July - September	3,971	330	721	3,920	290
October - December	3,808	71	702	3,310	587
Total	15,022	1,214		14,847	1,463
2011					
January - March	3,708	289	648	3,870	181
April - June	3,887	371	681	3,996	229
July - September	3,907	451	704	4,073	261
October - December	3,919	307	745	3,886	299
Total	15,420	1,418		15,825	970
2012					
January - March	3,857	365	636	4,160	172
April - June	3,863	462	594	4,165	203
July - September	3,726	145	532	3,722	210
October - December	3,726	162	606	3,425	389
Total	15,172	1,135		15,472	974
2013					
January - March	3,841	57	573	3,763	167
April - June	3,954	42	757	3,599	212
July - September	3,742	31	778	3,539	213
October - December	3,783	8	872	3,450	247
Total	15,320	138		14,351	840
2014					
January - March	3,483	2	718	3,515	124
April - June	3,718	38	751	3,531	192
July - September	4,036	12	786	3,697	316
October - December	3,917	25	797	3,616	315
Total	15,154	77		14,359	946
2015					
January - March	3,611	3	1,044	3,204	163
April - June	3,511	10	1,127	3,135	302
July - September	3,507	74	785	3,770	152
October - December	3,126	54	707	3,018	239
Total	13,755	140		13,128	857
2016					
January - March	2,950	4	831	2,757	72
April - June	2,927	95	765	2,919	169
July - September	2,987	73	656	2,877	291
Total	8,863	172		8,553	533
2015 January - September	10,629	86		10,110	617
2014 January - September	11,237	52		10,743	631

1 Reported as of the last day of the quarter.

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

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

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

Production

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

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
2010	265,702	264,982	277,505	276,180	1,084,368
2011	273,478	264,291	275,006	282,853	1,095,628
2012	266,865	241,047	258,956	249,591	1,016,458
2013	244,867	243,211	257,595	239,169	984,842
2014	245,271	245,844	255,377	253,557	1,000,049
2015	240,324	212,557	236,823	207,237	896,941
2016	173,028	160,515	195,140	-	528,682

- = No data reported.

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

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

Table 2. Coal Production by State

(thousand short tons)

Coal-Producing Region and State	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Alabama	1,884	2,223	3,259	6,554	10,835	-39.5
Alaska	183	228	255	721	866	-16.7
Arizona	1,470	1,235	1,762	4,039	5,429	-25.6
Arkansas	3	15	26	30	74	-60.0
Colorado	3,054	3,081	5,280	8,618	15,621	-44.8
Illinois	10,102	11,125	13,977	32,539	44,207	-26.4
Indiana	7,284	6,963	8,991	21,471	27,031	-20.6
Kansas	-	-	42	27	144	-81.4
Kentucky Total	10,299	9,907	15,781	31,552	48,496	-34.9
Eastern (Kentucky)	3,839	3,973	7,075	12,395	22,343	-44.5
Western (Kentucky)	6,460	5,933	8,707	19,157	26,152	-26.8
Louisiana	641	696	1,227	1,993	2,673	-25.4
Maryland	431	293	446	1,084	1,494	-27.4
Mississippi	766	582	924	2,119	2,522	-16.0
Missouri	64	68	42	174	122	42.3
Montana	9,299	6,210	11,610	22,938	32,320	-29.0
New Mexico	2,895	2,460	5,603	9,650	14,765	-34.6
North Dakota	6,995	6,462	7,598	20,666	21,848	-5.4
Ohio	2,967	3,252	4,380	10,113	13,343	-24.2
Oklahoma	140	166	187	473	599	-21.1
Pennsylvania Total	11,425	11,233	14,028	32,982	39,255	-16.0
Anthracite (Pennsylvania)	360	405	539	1,188	1,476	-19.5
Bituminous (Pennsylvania)	11,065	10,828	13,490	31,794	37,779	-15.8
Tennessee	156	147	246	534	683	-21.8
Texas	10,194	8,818	10,926	28,929	26,477	9.3
Utah	3,225	3,486	3,800	10,074	10,995	-8.4
Virginia	3,213	3,149	3,368	9,458	10,686	-11.5
West Virginia Total	20,757	18,821	23,325	58,838	74,177	-20.7
Northern (West Virginia)	11,755	9,959	11,410	32,000	35,798	-10.6
Southern (West Virginia)	9,002	8,862	11,914	26,838	38,380	-30.1
Wyoming	87,480	59,663	99,365	212,550	284,076	-25.2
Appalachia Total	44,671	43,090	56,126	131,959	172,810	-23.6
Appalachia Central	16,209	16,131	22,602	49,226	72,085	-31.7
Appalachia Northern	26,578	24,737	30,265	76,180	89,890	-15.3
Appalachia Southern	1,884	2,223	3,259	6,554	10,835	-39.5
Interior Region Total	35,654	34,366	45,049	106,910	130,002	-17.8
Illinois Basin	23,846	24,021	31,675	73,166	97,390	-24.9
Interior	11,809	10,345	13,374	33,743	32,612	3.5
Western Region Total	114,601	82,825	135,275	289,256	385,919	-25.0
Powder River Basin	91,708	62,360	106,064	223,141	302,136	-26.1
Uinta Region	5,812	6,166	8,819	17,538	25,467	-31.1
Western	17,081	14,300	20,391	48,577	58,316	-16.7
East of Mississippi River	69,284	67,694	88,727	207,244	272,730	-24.0
West of Mississippi River	125,644	92,588	147,724	320,881	416,008	-22.9
U.S. Subtotal	194,927	160,282	236,452	528,125	688,738	-23.3
Refuse Recovery	212	233	372	558	966	-42.3
U.S. Total	195,140	160,515	236,823	528,682	689,704	-23.3

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

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

Table 3. Coke and Breeze Production at Coke Plants

(thousand short tons)

Census Division	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	893	910	1,253	2,686	3,728	-27.9
East North Central	1,669	1,625	1,862	4,963	5,738	-13.5
South Atlantic	309	303	318	913	961	-5.0
East South Central	246	237	228	712	764	-6.8
U.S. Total	3,117	3,075	3,661	9,274	11,190	-17.1
Coke Total	2,987	2,927	3,507	8,863	10,629	-16.6
Breeze Total	130	148	155	411	562	-26.9

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.'

Exports and Imports

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

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	17,807	4,803	21,965	5,058	21,074	4,680	20,870	4,811	81,716	19,353
2011	26,617	3,381	26,987	3,419	25,976	3,588	27,679	2,700	107,259	13,088
2012	28,642	2,022	37,534	2,329	31,563	2,415	28,006	2,394	125,746	9,159
2013	31,835	1,429	29,427	2,756	28,589	2,398	27,809	2,323	117,659	8,906
2014	27,584	2,450	24,674	3,574	22,723	3,151	22,276	2,174	97,257	11,350
2015	21,979	3,009	19,766	2,640	16,914	2,965	15,299	2,705	73,958	11,318
2016	14,153	2,698	14,223	2,292	12,552	2,733	-	-	40,928	7,722

- = No data reported.

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

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

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

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2010	106.52	62.02	121.36	71.91	125.45	77.12	126.16	76.18	120.41	71.77
2011	139.34	86.00	153.00	105.86	155.88	112.06	147.38	110.19	148.86	103.32
2012	134.88	103.82	118.95	100.89	115.12	93.25	104.64	90.39	118.43	96.78
2013	99.68	86.87	96.77	83.18	91.64	81.66	91.46	83.12	95.06	83.35
2014	90.72	78.15	86.24	80.46	85.69	80.60	84.94	85.48	87.08	80.96
2015	82.31	69.95	80.14	74.40	73.52	71.85	68.61	70.48	76.89	71.61
2016	61.41	63.97	65.79	66.30	67.24	62.70	-	-	64.72	64.21

- = No data reported.

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

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

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

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
2010	380,404	1,766,896	14,583,950	1,904,040	52,869	581,700	82,828	19,352,687
2011	61,745	1,680,490	9,500,387	856,038	22,128	778,887	187,931	13,087,606
2012	-	1,107,727	6,951,515	517,532	77,738	287,147	217,598	9,159,257
2013	22	1,116,076	6,575,927	886,920	51,944	42,428	233,108	8,906,425
2014	532	1,026,523	8,295,286	1,526,611	39,776	288,738	172,460	11,349,926
2015								
January - March	18	171,631	2,299,716	488,859	840	35,697	12,045	3,008,806
April - June	319	325,205	2,111,040	163,913	8,835	-	30,657	2,639,969
July - September	60,657	349,630	2,392,245	119,658	3,846	38,478	-	2,964,514
October - December	-	341,189	2,133,033	117,694	2,578	-	110,228	2,704,722
U.S. Total	60,994	1,187,655	8,936,034	890,124	16,099	74,175	152,930	11,318,011
2016								
January - March	59,398	239,440	2,190,869	200,846	837	-	6,154	2,697,544
April - June	62,569	240,878	1,987,017	-	469	-	875	2,291,808
July - September	-	323,436	2,176,901	168,154	5,070	-	59,515	2,733,076
U.S. Total	121,967	803,754	6,354,787	369,000	6,376	-	66,544	7,722,428

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

2010	56.75	167.33	63.31	44.58	223.42	72.75	114.06	71.77
2011	52.72	253.79	82.89	47.13	267.33	83.22	127.37	103.32
2012	-	184.89	83.94	53.54	133.39	109.51	131.25	96.78
2013	182.64	145.52	75.11	59.45	107.55	91.81	101.89	83.35
2014	117.40	131.45	78.63	56.36	155.20	83.80	88.53	80.96
2015								
January - March	423.06	107.01	70.58	52.33	174.44	81.04	96.27	69.95
April - June	74.83	122.71	66.89	62.63	114.81	-	129.91	74.40
July - September	60.06	121.76	65.34	60.27	273.60	57.60	-	71.85
October - December	-	104.32	63.86	62.57	295.39	-	97.10	70.48
U.S. Total	60.25	114.88	66.70	56.65	184.78	68.88	103.61	71.61
2016								
January - March	49.49	71.93	64.73	50.45	70.24	-	63.72	63.97
April - June	45.92	73.61	66.00	-	285.66	-	76.90	66.30
July - September	-	80.09	61.74	42.64	117.58	-	55.30	62.70
U.S. Total	47.66	75.72	64.11	46.89	123.73	-	56.36	64.21

- = No data reported.

Note: Average price is based on the customs import value, including value for shipments of specialty coal not used as a fuel source (about 0.05 percent of all shipments). Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. Coal imports include coal to Puerto Rico and the Virgin Islands. Total may not equal sum of components because of independent rounding.

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

Table 7. U.S. Coal Exports

(short tons)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	2,399,374	1,991,066	2,956,261	5,763,540	7,953,144	-27.5
Canada*	1,536,859	1,213,126	1,778,488	3,358,854	4,286,463	-21.6
Dominican Republic	44,103	14	50,863	44,136	107,531	-59.0
Guatemala	54,322	270	36,375	54,592	42,775	27.6
Honduras	35,827	35,889	73,357	107,541	143,845	-25.2
Jamaica	82	67	45,406	36,524	118,986	-69.3
Mexico	727,916	741,518	970,321	2,161,234	3,188,222	-32.2
Trinidad and Tobago	22	119	1,180	153	64,714	-99.8
Other**	243	63	271	506	608	-16.8
South America Total	1,626,526	1,722,150	2,026,409	5,322,561	5,690,774	-6.5
Argentina	46,043	58,607	54,875	104,650	248,079	-57.8
Brazil	1,449,373	1,662,703	1,619,708	4,970,902	4,808,917	3.4
Chile	129,964	343	350,039	130,726	630,466	-79.3
Other**	1,146	497	1,787	116,283	3,312	NM
Europe Total	6,145,099	6,945,500	8,411,274	19,307,420	29,708,650	-35.0
Austria	104,993	1,124	115,006	312,351	417,523	-25.2
Belgium	432,496	261,248	285,880	958,019	1,008,651	-5.0
Bosnia and Herzegovina	82,060	-	77,639	82,060	77,639	5.7
Croatia	310,462	477,500	274,156	990,437	1,308,726	-24.3
Finland	179,460	59,525	120,481	314,337	327,884	-4.1
France	414,789	230,593	335,578	872,556	1,160,525	-24.8
Germany, Federal Republic of	884,233	974,031	895,531	2,487,512	3,061,676	-18.8
Italy	368,652	479,590	886,312	1,333,265	2,573,584	-48.2
Netherlands	1,997,586	2,404,707	2,707,402	6,946,302	9,081,565	-23.5
Norway	15,448	20,507	11,775	56,738	52,259	8.6
Poland	93,077	60,663	44,092	181,297	448,834	-59.6
Portugal	-	-	138,480	-	138,480	-
Romania	24,383	90,912	79,319	138,226	248,818	-44.4
Slovakia	-	-	-	23	158,199	-100.0
Slovenia	-	-	-	-	129,813	-
Spain	174,122	266,544	259,761	926,168	951,361	-2.6
Sweden	114,237	69,604	253,817	183,841	497,577	-63.1
Turkey	154,930	686,176	543,813	1,138,121	2,054,246	-44.6
Ukraine	543,343	661,790	509,972	1,560,269	2,145,817	-27.3
United Kingdom	247,482	192,730	863,342	744,668	3,785,756	-80.3
Other**	3,346	8,256	8,918	81,230	79,717	1.9
Asia Total	2,253,605	3,369,682	3,382,606	9,703,113	14,776,901	-34.3
China	80,004	1,107	652	204,956	229,600	-10.7
India	481,589	1,771,137	597,089	4,122,658	5,442,412	-24.2
Japan	927,081	858,888	1,271,571	2,765,599	3,507,906	-21.2
Singapore	-	12	-	12	127,400	-100.0
South Korea (Republic of Korea)	762,028	736,496	1,510,646	2,603,167	5,463,010	-52.3
Other**	2,903	2,042	2,648	6,721	6,573	2.3
Australia and Oceania Total	249	109	365	379	482	-21.4
Other**	249	109	365	379	482	-21.4
Africa Total	127,057	194,898	137,387	831,323	529,203	57.1
Egypt	397	233	54	746	163,468	-99.5
Morocco	126,608	116,625	-	677,147	69,953	NM
South Africa	42	78,040	84,975	153,392	243,366	-37.0
Togo	-	-	52,085	-	52,085	-
Other**	10	-	273	38	331	-88.5
Total	12,551,910	14,223,405	16,914,302	40,928,336	58,659,154	-30.2

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

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

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	65.24	60.73	82.44	63.06	81.55	-22.7
Canada*	72.22	68.54	89.71	73.64	88.24	-16.5
Dominican Republic	30.97	307.64	77.11	31.14	84.15	-63.0
Guatemala	54.59	373.12	34.59	56.17	45.24	24.2
Honduras	41.73	45.60	45.36	55.11	47.54	15.9
Jamaica	204.87	139.81	80.74	38.66	73.19	-47.2
Mexico	54.41	48.44	74.06	48.15	74.58	-35.4
Trinidad and Tobago	307.82	436.97	68.39	475.83	91.16	422.0
Other**	373.30	739.81	140.64	377.39	198.92	89.7
South America Total	69.10	68.15	78.30	66.95	87.34	-23.3
Argentina	79.98	74.90	98.17	77.14	100.26	-23.1
Brazil	71.22	67.74	82.46	67.69	90.76	-25.4
Chile	36.69	420.99	54.21	38.99	54.35	-28.3
Other**	625.12	404.82	405.76	57.92	428.33	-86.5
Europe Total	65.93	70.45	73.47	67.02	81.42	-17.7
Austria	82.77	27.68	83.62	78.36	93.44	-16.1
Belgium	62.49	71.10	92.40	69.08	96.13	-28.1
Bosnia and Herzegovina	73.03	-	91.51	73.03	91.51	-20.2
Croatia	88.39	75.78	89.87	78.67	99.55	-21.0
Finland	81.09	75.52	83.50	79.87	101.75	-21.5
France	69.44	70.60	84.86	70.13	87.93	-20.2
Germany, Federal Republic of	49.62	85.68	67.73	66.50	70.88	-6.2
Italy	84.76	79.85	81.03	82.44	84.68	-2.6
Netherlands	53.20	56.73	61.79	54.15	69.51	-22.1
Norway	132.53	129.67	167.90	136.35	158.93	-14.2
Poland	94.21	71.66	85.73	83.72	100.43	-16.6
Portugal	-	-	46.70	-	46.70	-
Romania	81.88	80.05	74.22	77.29	99.96	-22.7
Slovakia	-	-	-	1,788.70	106.26	NM
Slovenia	-	-	-	-	97.77	-
Spain	61.77	80.49	85.20	72.62	97.26	-25.3
Sweden	82.47	67.64	95.96	76.85	97.73	-21.4
Turkey	87.65	71.01	79.43	71.01	86.38	-17.8
Ukraine	82.74	75.02	96.89	76.81	102.50	-25.1
United Kingdom	78.23	80.80	61.79	82.16	74.89	9.7
Other**	116.89	139.10	149.98	59.06	95.35	-38.1
Asia Total	73.11	58.64	63.00	61.44	69.40	-11.5
China	88.84	507.50	503.93	99.61	98.60	1.0
India	68.01	49.51	62.40	49.80	74.17	-32.9
Japan	80.37	72.53	75.36	74.41	81.56	-8.8
Singapore	-	790.00	-	790.00	61.71	NM
South Korea (Republic of Korea)	64.31	62.18	51.55	61.93	55.12	12.4
Other**	475.86	604.32	692.23	508.04	629.82	-19.3
Australia and Oceania Total	364.04	370.01	341.91	370.36	355.72	4.1
Other**	364.04	370.01	341.91	370.36	355.72	4.1
Africa Total	39.52	53.95	73.00	46.59	87.95	-47.0
Egypt	128.46	218.88	472.22	170.91	93.08	83.6
Morocco	39.03	39.44	-	39.67	80.90	-51.0
South Africa	582.86	75.14	90.78	76.48	95.96	-20.3
Togo	-	-	39.01	-	39.01	-
Other**	530.50	-	941.63	300.13	869.46	-65.5
Total	67.24	65.79	73.52	64.72	79.05	-18.1

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

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

- = No data reported.

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

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

Table 9. U.S. Steam Coal Exports

(short tons)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	1,090,507	1,091,135	1,406,611	2,968,740	4,453,223	-33.3
Canada*	401,945	422,929	420,127	992,821	1,343,851	-26.1
Dominican Republic	44,103	14	50,863	44,136	107,531	-59.0
Guatemala	54,322	270	36,375	54,592	42,775	27.6
Honduras	35,827	35,889	-	71,716	34,651	107.0
Jamaica	82	67	45,406	36,524	118,986	-69.3
Mexico	553,963	631,784	852,465	1,768,292	2,803,268	-36.9
Trinidad and Tobago	22	119	1,180	153	1,629	-90.6
Other**	243	63	195	506	532	-4.9
South America Total	142,010	10,060	419,833	267,480	759,522	-64.8
Argentina	864	24	303	888	408	117.6
Brazil	10,036	9,196	133,843	19,583	191,475	-89.8
Chile	129,964	343	283,900	130,726	564,327	-76.8
Other**	1,146	497	1,787	116,283	3,312	NM
Europe Total	1,860,590	2,081,052	3,311,821	5,829,783	10,840,533	-46.2
Austria	423	1,124	287	1,824	586	211.3
Belgium	117,406	-	6,210	117,406	20,559	471.1
Finland	94	59,525	-	59,619	111	NM
France	-	-	9	-	90,924	-
Germany, Federal Republic of	680,075	279,536	487,439	1,354,391	1,665,872	-18.7
Italy	23,901	213,899	273,039	275,355	1,012,867	-72.8
Netherlands	1,037,092	1,452,211	1,903,986	3,840,589	5,858,178	-34.4
Norway	108	8,267	147	8,417	8,540	-1.4
Portugal	-	-	138,480	-	138,480	-
Romania	-	-	-	-	19,073	-
Slovakia	-	-	-	23	-	-
Spain	964	996	832	44,872	20,077	123.5
Turkey	65	52,612	138	52,768	92,074	-42.7
Ukraine	-	12,221	-	12,221	-	-
United Kingdom	221	231	500,840	617	1,867,735	-100.0
Other**	241	430	414	61,681	45,457	35.7
Asia Total	340,450	978,936	1,409,571	2,383,056	5,921,096	-59.8
China	474	1,107	652	2,255	1,463	54.1
India	140,552	881,690	238,372	1,701,984	1,975,622	-13.9
Japan	142,318	69,928	373,851	332,040	765,240	-56.6
Singapore	-	12	-	12	127,400	-100.0
South Korea (Republic of Korea)	54,683	24,304	794,316	340,818	3,045,110	-88.8
Other**	2,423	1,895	2,380	5,947	6,261	-5.0
Australia and Oceania Total	249	109	365	358	482	-25.7
Other**	249	109	365	358	482	-25.7
Africa Total	42,187	670	52,509	188,366	124,754	51.0
Egypt	397	233	54	746	222	236.0
Morocco	41,738	-	-	187,067	69,953	167.4
South Africa	42	437	97	515	2,163	-76.2
Togo	-	-	52,085	-	52,085	-
Other**	10	-	273	38	331	-88.5
Total	3,475,993	4,161,962	6,600,710	11,637,783	22,099,610	-47.3

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

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

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	47.83	46.45	66.77	45.47	69.74	-34.8
Canada*	58.01	59.39	58.57	63.24	67.41	-6.2
Dominican Republic	30.97	307.64	77.11	31.14	84.15	-63.0
Guatemala	54.59	373.12	34.59	56.17	45.24	24.2
Honduras	41.73	45.60	-	43.67	54.43	-19.8
Jamaica	204.87	139.81	80.74	38.66	73.19	-47.2
Mexico	41.34	37.53	70.80	35.60	70.65	-49.6
Trinidad and Tobago	307.82	436.97	68.39	475.83	143.57	231.4
Other**	373.30	739.81	151.48	377.39	211.21	78.7
South America Total	48.48	154.78	64.45	54.46	65.96	-17.4
Argentina	40.30	220.50	296.53	45.17	288.36	-84.3
Brazil	135.98	131.16	86.56	137.55	97.21	41.5
Chile	36.69	420.99	51.63	38.99	53.07	-26.5
Other**	625.12	404.82	405.76	57.92	428.33	-86.5
Europe Total	39.51	64.76	54.26	49.87	59.27	-15.9
Austria	24.52	27.68	52.98	28.43	61.34	-53.7
Belgium	30.84	-	145.19	30.84	169.22	-81.8
Finland	399.44	75.52	-	76.03	277.23	-72.6
France	-	-	1,073.56	-	63.06	-
Germany, Federal Republic of	40.03	121.81	52.93	60.79	51.42	18.2
Italy	82.68	72.62	73.96	72.95	67.65	7.8
Netherlands	38.42	52.58	54.25	44.51	60.39	-26.3
Norway	2,463.53	114.76	2,569.33	157.18	213.92	-26.5
Portugal	-	-	46.70	-	46.70	-
Romania	-	-	-	-	57.08	-
Slovakia	-	-	-	1,788.70	-	-
Spain	338.37	351.52	314.98	53.43	106.42	-49.8
Turkey	399.09	38.17	652.80	39.53	61.99	-36.2
Ukraine	-	63.50	-	63.50	-	-
United Kingdom	670.82	768.73	44.32	836.65	56.70	NM
Other**	126.53	74.25	264.58	32.36	48.18	-32.8
Asia Total	51.61	52.13	40.45	49.17	46.64	5.4
China	535.36	507.50	503.93	520.94	476.49	9.3
India	50.68	50.26	48.47	45.96	66.25	-30.6
Japan	41.94	49.11	48.40	43.96	43.47	1.1
Singapore	-	790.00	-	790.00	61.71	NM
South Korea (Republic of Korea)	52.61	61.84	31.76	58.18	32.63	78.3
Other**	556.19	643.15	757.39	563.36	654.93	-14.0
Australia and Oceania Total	364.04	370.01	341.91	365.86	355.72	2.9
Other**	364.04	370.01	341.91	365.86	355.72	2.9
Africa Total	41.41	369.76	45.08	41.48	71.27	-41.8
Egypt	128.46	218.88	472.22	170.91	826.62	-79.3
Morocco	39.92	-	-	39.73	80.90	-50.9
South Africa	582.86	450.21	544.13	472.06	337.15	40.0
Togo	-	-	39.01	-	39.01	-
Other**	530.50	-	941.63	300.13	869.46	-65.5
Total	43.72	57.26	54.57	48.58	58.30	-16.7

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

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

- = No data reported.

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

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

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

Table 11. U.S. Metallurgical Coal Exports

(short tons)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	1,308,867	899,931	1,549,650	2,794,800	3,499,921	-20.1
Canada*	1,134,914	790,197	1,358,361	2,366,033	2,942,612	-19.6
Honduras	-	-	73,357	35,825	109,194	-67.2
Mexico	173,953	109,734	117,856	392,942	384,954	2.1
Trinidad and Tobago	-	-	-	-	63,085	-
Other**	-	-	76	-	76	-
South America Total	1,484,516	1,712,090	1,606,576	5,055,081	4,931,252	2.5
Argentina	45,179	58,583	54,572	103,762	247,671	-58.1
Brazil	1,439,337	1,653,507	1,485,865	4,951,319	4,617,442	7.2
Chile	-	-	66,139	-	66,139	-
Europe Total	4,284,509	4,864,448	5,099,453	13,477,637	18,868,117	-28.6
Austria	104,570	-	114,719	310,527	416,937	-25.5
Belgium	315,090	261,248	279,670	840,613	988,092	-14.9
Bosnia and Herzegovina	82,060	-	77,639	82,060	77,639	5.7
Croatia	310,462	477,500	274,156	990,437	1,308,726	-24.3
Finland	179,366	-	120,481	254,718	327,773	-22.3
France	414,789	230,593	335,569	872,556	1,069,601	-18.4
Germany, Federal Republic of	204,158	694,495	408,092	1,133,121	1,395,804	-18.8
Italy	344,751	265,691	613,273	1,057,910	1,560,717	-32.2
Netherlands	960,494	952,496	803,416	3,105,713	3,223,387	-3.7
Norway	15,340	12,240	11,628	48,321	43,719	10.5
Poland	93,077	60,663	44,092	181,297	448,834	-59.6
Romania	24,383	90,912	79,319	138,226	229,745	-39.8
Slovakia	-	-	-	-	158,199	-
Slovenia	-	-	-	-	129,813	-
Spain	173,158	265,548	258,929	881,296	931,284	-5.4
Sweden	114,237	69,604	253,817	183,841	497,577	-63.1
Turkey	154,865	633,564	543,675	1,085,353	1,962,172	-44.7
Ukraine	543,343	649,569	509,972	1,548,048	2,145,817	-27.9
United Kingdom	247,261	192,499	362,502	744,051	1,918,021	-61.2
Other**	3,105	7,826	8,504	19,549	34,260	-42.9
Asia Total	1,913,155	2,390,746	1,973,035	7,320,057	8,855,805	-17.3
China	79,530	-	-	202,701	228,137	-11.1
India	341,037	889,447	358,717	2,420,674	3,466,790	-30.2
Japan	784,763	788,960	897,720	2,433,559	2,742,666	-11.3
South Korea (Republic of Korea)	707,345	712,192	716,330	2,262,349	2,417,900	-6.4
Other**	480	147	268	774	312	148.1
Australia and Oceania Total	-	-	-	21	-	-
Other**	-	-	-	21	-	-
Africa Total	84,870	194,228	84,878	642,957	404,449	59.0
Egypt	-	-	-	-	163,246	-
Morocco	84,870	116,625	-	490,080	-	-
South Africa	-	77,603	84,878	152,877	241,203	-36.6
Total	9,075,917	10,061,443	10,313,592	29,290,553	36,559,544	-19.9

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

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

- = No data reported.

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

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

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

(dollars per short ton)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	79.75	78.05	96.66	81.74	96.57	-15.4
Canada*	77.25	73.44	99.34	78.00	97.75	-20.2
Honduras	-	-	45.36	78.02	45.36	72.0
Mexico	96.03	111.25	97.65	104.60	103.16	1.4
Trinidad and Tobago	-	-	-	-	89.81	-
Other**	-	-	112.84	-	112.84	-
South America Total	71.08	67.64	81.91	67.62	90.63	-25.4
Argentina	80.74	74.84	97.07	77.41	99.95	-22.6
Brazil	70.77	67.39	82.10	67.41	90.49	-25.5
Chile	-	-	65.32	-	65.32	-
Europe Total	77.41	72.88	85.94	74.44	94.15	-20.9
Austria	83.01	-	83.70	78.65	93.48	-15.9
Belgium	74.28	71.10	91.23	74.42	94.61	-21.3
Bosnia and Herzegovina	73.03	-	91.51	73.03	91.51	-20.2
Croatia	88.39	75.78	89.87	78.67	99.55	-21.0
Finland	80.93	-	83.50	80.77	101.69	-20.6
France	69.44	70.60	84.83	70.13	90.05	-22.1
Germany, Federal Republic of	81.56	71.14	85.41	73.32	94.11	-22.1
Italy	84.91	85.66	84.18	84.91	95.74	-11.3
Netherlands	69.15	63.06	79.65	66.06	86.09	-23.3
Norway	116.12	139.73	137.55	132.72	148.18	-10.4
Poland	94.21	71.66	85.73	83.72	100.43	-16.6
Romania	81.88	80.05	74.22	77.29	103.52	-25.3
Slovakia	-	-	-	-	106.26	-
Slovenia	-	-	-	-	97.77	-
Spain	60.23	79.47	84.46	73.60	97.06	-24.2
Sweden	82.47	67.64	95.96	76.85	97.73	-21.4
Turkey	87.52	73.73	79.28	72.55	87.53	-17.1
Ukraine	82.74	75.23	96.89	76.91	102.50	-25.0
United Kingdom	77.70	79.97	85.91	81.53	92.61	-12.0
Other**	116.14	142.67	144.40	143.30	157.95	-9.3
Asia Total	76.93	61.30	79.12	65.43	84.62	-22.7
China	86.18	-	-	94.92	96.18	-1.3
India	75.16	48.78	71.66	52.50	78.69	-33.3
Japan	87.34	74.60	86.59	78.57	92.19	-14.8
South Korea (Republic of Korea)	65.21	62.20	73.49	62.49	83.44	-25.1
Other**	70.38	103.78	113.64	82.99	125.82	-34.0
Australia and Oceania Total	-	-	-	447.00	-	-
Other**	-	-	-	447.00	-	-
Africa Total	38.59	52.86	90.26	48.09	93.10	-48.3
Egypt	-	-	-	-	92.08	-
Morocco	38.59	39.44	-	39.65	-	-
South Africa	-	73.03	90.26	75.15	93.79	-19.9
Total	76.25	69.31	85.65	71.13	91.59	-22.3

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

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

- = No data reported.

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

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

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

(short tons)

Customs District	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	8,009,216	9,656,462	8,557,870	27,137,823	33,112,164	-18.0
Baltimore, MD	2,365,582	3,702,460	2,576,557	9,918,581	11,301,131	-12.2
Boston, MA	-	-	-	-	28	-
Buffalo, NY	424,795	300,679	469,508	728,855	987,656	-26.2
New York City, NY	2,613	2,047	2,203	6,227	8,307	-25.0
Norfolk, VA	5,091,201	5,584,379	5,463,962	16,282,132	20,666,383	-21.2
Ogdensburg, NY	19,786	49,448	32,294	79,014	104,830	-24.6
Philadelphia, PA	40,460	17,296	13,146	57,971	43,225	34.1
Portland, ME	64,696	-	22	64,696	81	NM
St. Albans, VT	83	84	178	278	523	-46.8
Washington, DC	-	69	-	69	-	-
Southern Total	3,180,668	3,377,055	5,075,809	10,395,675	16,142,091	-35.6
Charleston, SC	518	68	148	845	439	92.5
El Paso, TX	38,704	13,430	44,883	78,299	96,886	-19.2
Houston-Galveston, TX	1,680	1,659	232,428	4,564	421,834	-98.9
Laredo, TX	469,267	362,355	2,651	1,388,031	5,209	NM
Miami, FL	1,182	212	120	1,707	44,410	-96.2
Mobile, AL	1,508,173	2,071,622	2,557,265	5,436,854	9,050,672	-39.9
New Orleans, LA	1,160,933	927,556	2,238,273	3,484,828	6,522,437	-46.6
Savannah, GA	-	123	1	276	71	288.7
Tampa, FL	211	30	40	271	133	103.8
Western Total	427,868	326,705	2,058,442	1,061,287	6,532,825	-83.8
Anchorage, AK	71,697	-	70,355	71,697	148,994	-51.9
Great Falls, MT	204	371	154	610	452	35.0
Los Angeles, CA	1,559	539	169,355	75,099	699,825	-89.3
Nogales, AZ	24	55	24	118	117	0.9
Portland, OR	-	-	-	-	126	-
San Diego, CA	11	-	9	70	139	-49.6
San Francisco, CA	353,983	325,412	871,130	835,171	2,225,141	-62.5
Seattle, WA	390	328	947,415	78,522	3,458,031	-97.7
Northern Total	930,401	862,252	1,173,276	2,321,733	2,760,683	-15.9
Chicago, IL	-	-	-	-	30,536	-
Cleveland, OH	688,235	485,738	789,829	1,589,235	1,855,065	-14.3
Detroit, MI	239,876	375,634	381,152	677,721	868,103	-21.9
Duluth, MN	1,674	604	1,674	2,278	5,478	-58.4
Minneapolis, MN	-	-	-	51,216	-	-
Pembina, ND	616	276	621	1,283	1,501	-14.5
Other Ports	3,757	931	48,905	11,818	111,391	-89.4
Total	12,551,910	14,223,405	16,914,302	40,928,336	58,659,154	-30.2

- = No data reported.

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

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

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

Table 14. Steam Coal Exports by Customs District

(short tons)

Customs District	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	1,177,859	1,846,495	1,548,026	4,574,304	6,838,402	-33.1
Baltimore, MD	879,106	1,264,948	660,234	3,003,774	3,223,473	-6.8
Boston, MA	-	-	-	-	28	-
Buffalo, NY	2,523	3,308	3,659	9,016	6,289	43.4
New York City, NY	2,613	2,047	2,203	6,227	8,307	-25.0
Norfolk, VA	169,110	509,896	836,759	1,354,948	3,458,272	-60.8
Ogdensburg, NY	19,268	48,847	31,825	77,325	98,204	-21.3
Philadelphia, PA	40,460	17,296	13,146	57,971	43,225	34.1
Portland, ME	64,696	-	22	64,696	81	NM
St. Albans, VT	83	84	178	278	523	-46.8
Washington, DC	-	69	-	69	-	-
Southern Total	1,691,915	1,617,804	2,730,243	5,429,471	7,877,111	-31.1
Charleston, SC	302	68	148	482	439	9.8
El Paso, TX	38,704	13,430	44,883	78,299	96,874	-19.2
Houston-Galveston, TX	1,680	1,659	232,428	4,564	421,825	-98.9
Laredo, TX	403,946	361,736	2,558	1,321,964	5,019	NM
Miami, FL	1,182	212	44	1,707	44,334	-96.1
Mobile, AL	167,431	333,056	409,564	709,460	1,487,218	-52.3
New Orleans, LA	1,078,459	907,490	2,040,577	3,312,578	5,821,198	-43.1
Savannah, GA	-	123	1	146	71	105.6
Tampa, FL	211	30	40	271	133	103.8
Western Total	384,185	326,705	1,992,303	944,962	6,466,642	-85.4
Anchorage, AK	71,650	-	70,355	71,650	148,950	-51.9
Great Falls, MT	204	371	154	610	452	35.0
Los Angeles, CA	1,288	539	169,355	2,186	699,825	-99.7
Nogales, AZ	24	55	24	118	117	0.9
Portland, OR	-	-	-	-	126	-
San Diego, CA	11	-	9	70	139	-49.6
San Francisco, CA	310,618	325,412	804,991	791,806	2,159,002	-63.3
Seattle, WA	390	328	947,415	78,522	3,458,031	-97.7
Northern Total	218,277	370,027	281,264	677,228	806,095	-16.0
Chicago, IL	-	-	-	-	30,536	-
Cleveland, OH	54,894	97,452	50,889	152,346	115,556	31.8
Detroit, MI	161,093	271,695	228,214	470,105	653,182	-28.0
Duluth, MN	1,674	604	1,674	2,278	5,478	-58.4
Minneapolis, MN	-	-	-	51,216	-	-
Pembina, ND	616	276	487	1,283	1,343	-4.5
Other Ports	3,757	931	48,874	11,818	111,360	-89.4
Total	3,475,993	4,161,962	6,600,710	11,637,783	22,099,610	-47.3

- = No data reported.

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

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

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

Table 15. Metallurgical Coal Exports by Customs District

(short tons)

Customs District	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	6,831,357	7,809,967	7,009,844	22,563,519	26,273,762	-14.1
Baltimore, MD	1,486,476	2,437,512	1,916,323	6,914,807	8,077,658	-14.4
Buffalo, NY	422,272	297,371	465,849	719,839	981,367	-26.6
Norfolk, VA	4,922,091	5,074,483	4,627,203	14,927,184	17,208,111	-13.3
Ogdensburg, NY	518	601	469	1,689	6,626	-74.5
Southern Total	1,488,753	1,759,251	2,345,566	4,966,204	8,264,980	-39.9
Charleston, SC	216	-	-	363	-	-
El Paso, TX	-	-	-	-	12	-
Houston-Galveston, TX	-	-	-	-	9	-
Laredo, TX	65,321	619	93	66,067	190	NM
Miami, FL	-	-	76	-	76	-
Mobile, AL	1,340,742	1,738,566	2,147,701	4,727,394	7,563,454	-37.5
New Orleans, LA	82,474	20,066	197,696	172,250	701,239	-75.4
Savannah, GA	-	-	-	130	-	-
Western Total	43,683	-	66,139	116,325	66,183	75.8
Anchorage, AK	47	-	-	47	44	6.8
Los Angeles, CA	271	-	-	72,913	-	-
San Francisco, CA	43,365	-	66,139	43,365	66,139	-34.4
Northern Total	712,124	492,225	892,012	1,644,505	1,954,588	-15.9
Cleveland, OH	633,341	388,286	738,940	1,436,889	1,739,509	-17.4
Detroit, MI	78,783	103,939	152,938	207,616	214,921	-3.4
Pembina, ND	-	-	134	-	158	-
Other Ports	-	-	31	-	31	-
Total	9,075,917	10,061,443	10,313,592	29,290,553	36,559,544	-19.9

- = 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	268,543	168,625	151,884	509,335	553,020	-7.9
Canada*	163,812	134,231	137,062	355,453	477,799	-25.6
Mexico	104,549	33,966	14,476	153,057	74,273	106.1
Other**	182	428	346	825	948	-13.0
South America Total	20	12	298	53	376	-85.9
Other**	20	12	298	53	376	-85.9
Europe Total	22,277	33	19	22,310	35,581	-37.3
Other**	22,277	33	19	22,310	35,581	-37.3
Asia Total	271	552	147	1,032	896	15.2
Other**	271	552	147	1,032	896	15.2
Australia and Oceania Total	200	98	63	345	65	430.8
Other**	200	98	63	345	65	430.8
Africa Total	-	-	-	-	27,496	-
Other**	-	-	-	-	27,496	-
Total	291,311	169,320	152,411	533,075	617,434	-13.7

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

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

- = No data reported.

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

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

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

(dollars per short ton)

Continent and Country of Destination	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	232.58	270.15	234.67	253.84	252.47	0.5
Canada*	217.78	242.49	209.80	233.82	243.43	-3.9
Mexico	255.12	375.98	460.37	298.32	305.69	-2.4
Other**	614.84	543.13	643.59	623.75	640.63	-2.6
South America Total	526.20	521.17	135.27	515.13	252.87	103.7
Other**	526.20	521.17	135.27	515.13	252.87	103.7
Europe Total	74.48	513.79	1,052.63	75.13	140.84	-46.7
Other**	74.48	513.79	1,052.63	75.13	140.84	-46.7
Asia Total	627.55	765.04	677.97	733.90	731.12	0.4
Other**	627.55	765.04	677.97	733.90	731.12	0.4
Australia and Oceania Total	460.41	494.01	295.78	431.65	486.06	-11.2
Other**	460.41	494.01	295.78	431.65	486.06	-11.2
Africa Total	-	-	-	-	93.56	-
Other**	-	-	-	-	93.56	-
Total	221.04	271.95	235.03	247.43	239.68	3.2

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

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

- = No data reported.

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

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

Table 18. U.S. Coal Imports

(short tons)

Continent and Country of Origin	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	323,445	241,095	349,630	804,708	846,533	-4.9
Canada	323,436	240,878	349,630	803,754	846,466	-5.0
Mexico	9	217	-	954	67	NM
South America Total	2,176,960	1,987,017	2,430,723	6,360,272	6,888,927	-7.7
Colombia	2,176,901	1,987,017	2,392,245	6,354,787	6,803,001	-6.6
Peru	59	-	-	5,485	11,751	-53.3
Venezuela	-	-	38,478	-	74,175	-
Europe Total	59,447	658	-	60,105	30,469	97.3
Austria	-	3	-	3	-	-
Germany, Federal Republic of	174	-	-	174	12	NM
Italy	-	314	-	314	-	-
Russia	59,273	-	-	59,273	-	-
Ukraine	-	-	-	-	30,314	-
United Kingdom	-	341	-	341	143	138.5
Asia Total	173,224	469	123,504	375,376	786,357	-52.3
China	5,070	469	3,846	6,376	13,521	-52.8
India	-	-	-	-	406	-
Indonesia	168,154	-	119,658	369,000	772,430	-52.2
Australia and Oceania Total	-	62,569	60,657	121,967	60,994	100.0
Australia	-	62,569	60,657	121,967	60,994	100.0
Africa Total	-	-	-	-	9	-
South Africa	-	-	-	-	9	-
Total	2,733,076	2,291,808	2,964,514	7,722,428	8,613,289	-10.3

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Origin	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	80.11	73.59	121.76	75.71	119.13	-36.4
Canada	80.09	73.61	121.76	75.72	119.13	-36.4
Mexico	477.33	59.08	-	68.91	113.43	-39.2
South America Total	61.75	66.00	65.22	64.11	67.64	-5.2
Colombia	61.74	66.00	65.34	64.11	67.59	-5.1
Peru	261.37	-	-	65.44	86.24	-24.1
Venezuela	-	-	57.60	-	68.88	-
Europe Total	55.03	82.77	-	55.33	128.86	-57.1
Austria	-	864.00	-	864.00	-	-
Germany, Federal Republic of	88.30	-	-	88.30	811.75	-89.1
Italy	-	75.07	-	75.07	-	-
Russia	54.93	-	-	54.93	-	-
Ukraine	-	-	-	-	128.36	-
United Kingdom	-	82.99	-	82.99	177.25	-53.2
Asia Total	44.83	285.66	66.91	48.19	57.82	-16.7
China	117.58	285.66	273.60	123.73	163.68	-24.4
India	-	-	-	-	472.33	-
Indonesia	42.64	-	60.27	46.89	55.75	-15.9
Australia and Oceania Total	-	45.92	60.06	47.66	60.25	-20.9
Australia	-	45.92	60.06	47.66	60.25	-20.9
Africa Total	-	-	-	-	328.89	-
South Africa	-	-	-	-	328.89	-
U.S. Total*	62.70	66.30	71.85	64.21	71.97	-10.8

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

- = No data reported.

Note: Average price is based on the customs import value, including value for shipments of specialty coal not used as a fuel source (about 0.05 percent of all shipments). Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. Coal imports include coal to Puerto Rico and the Virgin Islands. Total may not equal sum of components because of independent rounding.

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

Table 20. Coal Imports by Customs District

(short tons)

Customs District	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Eastern Total	433,244	62,212	234,865	807,656	869,484	-7.1
Baltimore, MD	118,034	-	356	118,034	356	NM
Boston, MA	245,227	52,580	148,334	575,978	597,508	-3.6
Buffalo, NY	-	23	-	94	260	-63.8
New York City, NY	66	22	22	861	910	-5.4
Portland, ME	42,440	-	41,186	42,440	179,717	-76.4
Providence, RI	27,477	9,587	44,967	70,249	90,712	-22.6
St. Albans, VT	-	-	-	-	21	-
Southern Total	1,808,068	1,925,772	2,199,704	5,704,449	6,360,314	-10.3
Charleston, SC	-	-	-	54,020	-	-
Houston-Galveston, TX	59	215	-	360	496	-27.4
Laredo, TX	9	217	-	954	67	NM
Miami, FL	-	36,376	41,592	36,398	77,333	-52.9
Mobile, AL	593,192	847,571	651,487	2,129,630	2,148,816	-0.9
New Orleans, LA	5,004	176	3,468	5,222	42,204	-87.6
Port Arthur, TX	-	314	-	314	-	-
San Juan, PR	366,936	396,229	410,619	1,297,217	1,382,940	-6.2
Savannah, GA	-	-	-	-	105,925	-
Tampa, FL	842,868	644,674	1,092,538	2,180,334	2,602,533	-16.2
Western Total	371,504	205,454	220,536	895,117	606,057	47.7
Anchorage, AK	-	341	-	341	-	-
Great Falls, MT	140,975	82,831	22,454	292,109	33,166	NM
Honolulu, HI	230,135	121,774	180,315	586,251	536,841	9.2
Los Angeles, CA	-	-	-	-	160	-
San Francisco, CA	-	56	-	56	131	-57.3
Seattle, WA	394	452	17,767	16,360	35,759	-54.2
Northern Total	120,260	98,370	309,409	315,206	777,434	-59.5
Chicago, IL	-	-	-	-	22	-
Cleveland, OH	163	-	-	163	-	-
Detroit, MI	105,702	39,660	138,900	145,584	284,128	-48.8
Pembina, ND	14,395	58,710	170,509	169,459	493,284	-65.6
Total	2,733,076	2,291,808	2,964,514	7,722,428	8,613,289	-10.3

- = No data reported.

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

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

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

Table 21. U.S. Coke Imports

(short tons)

Continent and Country of Origin	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	24,512	17,390	26,442	44,665	30,661	45.7
Canada	24,512	17,390	26,442	44,665	30,661	45.7
South America Total	46,584	37,157	16,976	83,741	17,298	384.1
Colombia	46,584	37,157	16,976	83,741	17,298	384.1
Europe Total	853	39,332	29,060	41,241	35,354	16.7
Czech Republic	-	-	-	-	5,300	-
France	-	-	-	-	15	-
Germany, Federal Republic of	77	-	-	77	11	NM
Italy	770	6,260	760	8,073	1,722	368.8
Russia	-	33,069	28,300	33,069	28,300	16.9
United Kingdom	6	3	-	22	6	266.7
Asia Total	742	703	1,256	1,902	2,992	-36.4
China	-	-	-	243	-	-
Indonesia	31	53	65	146	137	6.6
Japan	711	650	1,191	1,513	2,855	-47.0
U.S. Total	72,691	94,582	73,734	171,549	86,305	98.8

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Origin	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North America Total	120.19	113.00	120.37	121.20	131.75	-8.0
Canada	120.19	113.00	120.37	121.20	131.75	-8.0
South America Total	142.87	145.65	201.39	144.10	202.76	-28.9
Colombia	142.87	145.65	201.39	144.10	202.76	-28.9
Europe Total	266.25	120.27	120.34	127.15	153.02	-16.9
Czech Republic	-	-	-	-	288.36	-
France	-	-	-	-	4,628.67	-
Germany, Federal Republic of	234.51	-	-	234.51	206.27	13.7
Italy	263.70	257.53	311.58	259.13	312.84	-17.2
Russia	-	94.21	115.21	94.21	115.21	-18.2
United Kingdom	1,000.00	1,000.00	-	833.18	1,807.17	-53.9
Asia Total	337.95	355.30	349.12	323.95	345.98	-6.4
China	-	-	-	29.24	-	-
Indonesia	798.39	823.11	926.34	881.05	935.22	-5.8
Japan	317.87	317.16	317.61	317.52	317.71	-0.1
U.S. Total	138.66	130.65	142.91	136.06	162.12	-16.1

- = 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.'

Receipts and Prices

Table 23. Coal Receipts at Coke Plants by Census Division

(thousand short tons)

Census Division	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,009	1,014	1,940	3,065	5,548	-44.8
East North Central	2,530	2,310	2,836	7,014	7,881	-11.0
South Atlantic	399	392	425	1,213	1,292	-6.1
East South Central	289	342	285	949	926	2.4
U.S. Total	4,227	4,060	5,486	12,241	15,646	-21.8

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

(dollars per short ton)

Census Division	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	w	w	w	w	w	w
East North Central	98.18	100.89	121.64	103.94	126.10	-17.6
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	98.06	100.15	117.49	102.05	118.77	-14.1

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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Coke						
Sales	1,493	1,439	1,849	4,270	5,653	-24.5
Average Price	284.99	288.25	289.44	293.45	292.56	0.3
Breeze						
Sales	110	89	128	268	423	-36.6
Average Price	77.36	80.52	72.70	79.18	68.88	15.0

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

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

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

(thousand short tons)

Census Division and State	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
New England	5	4	12	14	66	-79.4
Maine	5	3	4	12	25	-54.5
Massachusetts	s	1	8	2	41	-94.9
Middle Atlantic	380	419	538	1,242	1,578	-21.3
New York	88	104	160	303	452	-32.9
Pennsylvania	292	315	377	939	1,125	-16.6
East North Central	1,599	1,610	1,911	4,675	5,620	-16.8
Illinois	636	592	613	1,867	1,997	-6.5
Indiana	495	448	410	1,194	1,191	0.3
Michigan	133	150	341	425	783	-45.7
Ohio	151	195	232	564	777	-27.4
Wisconsin	185	224	314	625	873	-28.4
West North Central	2,726	2,867	3,164	8,743	9,653	-9.4
Iowa	672	584	825	1,826	2,151	-15.1
Kansas	37	24	31	86	96	-10.5
Minnesota	132	115	334	637	775	-17.8
Missouri	209	179	217	548	722	-24.0
Nebraska	301	211	296	784	902	-13.0
North Dakota	1,334	1,712	1,412	4,733	4,811	-1.6
South Dakota	41	42	48	128	196	-34.5
South Atlantic	783	821	991	2,529	3,218	-21.4
Florida	130	150	131	420	413	1.7
Georgia	80	87	92	267	356	-24.9
Maryland	146	141	177	402	507	-20.7
North Carolina	124	122	131	388	424	-8.4
South Carolina	65	53	111	222	347	-36.2
Virginia	136	143	122	453	509	-11.0
West Virginia	101	124	227	378	663	-43.1
East South Central	967	985	1,170	3,035	3,474	-12.6
Alabama	244	262	392	853	1,057	-19.3
Kentucky	216	190	226	581	723	-19.7
Mississippi	30	31	28	89	88	0.9
Tennessee	477	501	523	1,513	1,606	-5.8
West South Central	420	362	547	1,180	1,590	-25.8
Arkansas	40	46	50	139	152	-8.7
Louisiana	78	65	76	211	180	17.2
Oklahoma	121	117	177	354	485	-27.2
Texas	182	135	244	477	772	-38.3
Mountain	877	762	969	2,346	2,836	-17.3
Arizona	49	68	62	151	157	-3.6
Colorado	84	58	103	204	264	-22.8
Idaho	23	36	81	78	275	-71.7
Montana	47	29	63	152	173	-11.6
Nevada	84	63	79	201	232	-13.3
New Mexico	19	22	21	55	48	15.0
Utah	225	159	202	481	552	-12.9
Wyoming	346	328	358	1,023	1,135	-9.9
Pacific	367	366	416	1,071	1,190	-10.0
Alaska	s	s	s	1	1	s
California	340	337	369	970	1,034	-6.2
Oregon	8	6	25	29	81	-63.9
Washington	20	23	22	71	74	-4.2
U.S. Total	8,125	8,195	9,717	24,836	29,227	-15.0

- = 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' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.'

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

(dollars per short ton)

Census Division and State	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
New England	w	w	w	w	w	w
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
Middle Atlantic	83.80	80.46	87.78	80.90	86.53	-6.5
New York	w	95.38	111.48	w	w	w
Pennsylvania	w	75.48	77.64	w	w	w
East North Central	67.25	67.04	74.00	66.36	72.25	-8.2
Illinois	45.23	45.72	46.68	45.64	45.76	-0.3
Indiana	82.96	81.70	90.17	80.77	88.97	-9.2
Michigan	76.62	77.40	82.95	79.63	82.66	-3.7
Ohio	89.79	81.43	84.53	82.42	85.81	-4.0
Wisconsin	75.82	74.48	88.70	77.19	88.65	-12.9
West North Central	35.86	35.40	38.08	35.86	37.78	-5.1
Iowa	43.12	46.11	43.88	44.55	46.21	-3.6
Kansas	w	w	w	w	w	w
Minnesota	53.88	53.05	54.76	52.00	55.03	-5.5
Missouri	56.25	59.59	59.64	59.57	60.85	-2.1
Nebraska	28.88	28.97	29.31	29.21	31.38	-6.9
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	90.76	89.25	90.43	91.74	92.36	-0.7
Florida	w	w	w	w	w	w
Georgia	100.76	95.55	103.12	98.29	104.90	-6.3
Maryland	w	w	w	w	w	w
North Carolina	93.64	100.21	101.42	98.50	102.00	-3.4
South Carolina	87.30	92.48	100.07	94.84	99.31	-4.5
Virginia	93.63	75.70	86.43	92.40	90.17	2.5
West Virginia	131.91	126.68	99.26	118.17	99.51	18.8
East South Central	86.29	89.18	95.61	88.95	97.21	-8.5
Alabama	w	w	w	w	w	w
Kentucky	86.12	90.52	92.44	92.23	95.78	-3.7
Mississippi	w	w	w	w	w	w
Tennessee	86.94	87.30	92.94	87.06	94.96	-8.3
West South Central	68.36	64.62	71.99	66.80	74.58	-10.4
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	82.13	84.86	83.43	84.13	84.69	-0.7
Mountain	56.07	56.82	55.83	54.37	56.02	-2.9
Arizona	w	w	w	w	w	w
Colorado	87.84	w	67.53	w	w	w
Idaho	w	w	69.54	w	w	w
Montana	48.07	54.31	41.84	44.42	42.25	5.1
Nevada	69.36	70.15	73.63	69.97	71.93	-2.7
New Mexico	w	w	w	w	w	w
Utah	49.51	48.84	52.21	49.72	53.20	-6.5
Wyoming	42.73	41.31	43.08	41.74	44.35	-5.9
Pacific	77.22	79.34	81.14	79.23	81.99	-3.4
California	77.26	79.52	81.98	79.47	83.04	-4.3
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	61.31	61.01	65.76	61.12	65.88	-7.2

- = 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		July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	1,884	1,726	1,985	5,765	6,141	-6.1
312	Beverage and Tobacco Product Mfg.	3	9	10	25	37	-32.6
313	Textile Mills	15	18	21	72	79	-8.9
321	Wood Product Manufacturing	-	-	7	-	7	-
322	Paper Manufacturing	828	910	1,162	2,862	3,645	-21.5
324	Petroleum and Coal Products*	1,314	1,636	1,386	4,592	4,691	-2.1
325	Chemical Manufacturing	1,193	1,229	1,504	3,780	4,658	-18.8
327	Nonmetallic Mineral Products Mfg.	2,190	2,039	2,641	5,882	7,569	-22.3
331	Primary Metal Manufacturing**	485	441	728	1,202	1,586	-24.2
332	Fabricated Metal Product Mfg.	-	-	-	-	2	-
333	Machinery Manufacturing	16	4	48	74	130	-43.0
336	Transportation Equipment Mfg.	-	-	-	-	15	-
337	Furniture and Related Product Mfg.	-	-	2	-	9	-
339	Miscellaneous Manufacturing	196	182	224	582	660	-11.7
U.S. Total		8,125	8,195	9,717	24,836	29,227	-15.0

* 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		July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
					2016	2015	
311	Food Manufacturing	45.43	48.49	45.59	46.77	47.24	-1.0
312	Beverage and Tobacco Product Mfg.	w	w	101.10	w	w	w
313	Textile Mills	117.48	117.09	118.00	110.03	114.95	-4.3
321	Wood Product Manufacturing	-	-	w	-	w	-
322	Paper Manufacturing	77.15	76.16	80.58	77.28	82.69	-6.5
324	Petroleum and Coal Products*	w	w	w	w	w	w
325	Chemical Manufacturing	71.71	73.05	77.46	73.90	77.44	-4.6
327	Nonmetallic Mineral Products Mfg.	73.05	74.13	76.99	74.40	78.00	-4.6
331	Primary Metal Manufacturing**	102.80	106.03	97.77	107.53	109.60	-1.9
332	Fabricated Metal Product Mfg.	-	-	-	-	142.70	-
333	Machinery Manufacturing	w	w	w	w	w	w
336	Transportation Equipment Mfg.	-	-	-	-	105.25	-
337	Furniture and Related Product Mfg.	-	-	w	-	w	-
339	Miscellaneous Manufacturing	70.32	62.07	80.20	69.75	77.69	-10.2
U.S. Total		61.31	61.01	65.76	61.12	65.88	-7.2

* 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1	4	7	28	60	-52.4
Pennsylvania	1	4	7	28	60	-52.4
East North Central	38	42	51	165	223	-25.9
Illinois	20	25	23	79	74	7.2
Indiana	17	13	11	45	40	10.9
Michigan	-	-	9	-	27	-
Ohio	1	4	8	26	65	-60.4
Wisconsin	-	s	-	15	16	-4.5
West North Central	47	36	59	175	245	-28.5
Iowa	31	29	45	101	140	-28.1
Minnesota	s	s	s	7	8	-3.7
Missouri	11	s	6	30	45	-33.4
North Dakota	5	7	7	37	52	-29.2
South Atlantic	38	30	45	111	152	-26.7
District of Columbia	-	2	-	2	-	-
North Carolina	27	19	33	81	120	-32.4
Virginia	11	9	13	29	32	-11.3
East South Central	s	7	1	14	13	1.9
Kentucky	s	7	1	14	10	41.0
Tennessee	-	-	-	-	4	-
West South Central	-	-	1	-	8	-
Texas	-	-	1	-	8	-
Mountain	s	1	s	4	10	-56.7
Colorado	-	-	-	-	3	-
Montana	s	-	-	s	-	-
Wyoming	-	1	s	4	7	-45.7
Pacific	113	101	111	354	402	-12.0
Alaska	113	101	111	354	402	-12.0
U.S. Total	238	221	276	851	1,111	-23.4

- = 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	w	106.04	125.81	w	w	w
Pennsylvania	w	106.04	125.81	w	w	w
East North Central	58.53	60.48	71.10	75.78	82.93	-8.6
Illinois	48.29	51.82	52.44	53.01	56.47	-6.1
Indiana	w	w	w	w	w	w
Michigan	-	-	w	-	w	-
Ohio	w	w	w	w	112.66	w
Wisconsin	-	w	-	w	w	w
West North Central	69.21	77.91	84.96	72.83	79.56	-8.5
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	54.36	w
South Atlantic	101.94	108.23	106.85	102.26	112.16	-8.8
District of Columbia	-	w	-	w	-	-
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
East South Central	w	w	w	w	102.23	w
Kentucky	w	w	w	w	w	w
Tennessee	-	-	-	-	99.80	-
West South Central	-	-	w	-	w	-
Texas	-	-	w	-	w	-
Mountain	w	w	w	w	w	w
Colorado	-	-	-	-	93.65	-
Montana	w	-	-	w	-	-
Wyoming	-	w	w	w	w	w
Pacific	w	w	75.21	w	w	w
Alaska	w	w	75.21	w	w	w
U.S. Total	77.64	79.95	83.58	81.60	86.27	-5.4

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

Consumption

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

(thousand short tons)

Year and Quarter	Electric Power Sector ¹	Coke Plants	Other Industrial			Commercial and Institutional			Total
			CHP ²	Non-CHP ³	Total	CHP ⁴	Non-CHP ⁵	Total	
2010									
January - March	246,445	4,857	6,195	6,405	12,600	509	527	1,037	264,939
April - June	229,469	5,353	6,128	5,786	11,914	370	238	608	247,344
July - September	267,943	5,491	6,257	6,027	12,284	426	216	642	286,361
October - December	231,195	5,391	6,057	6,432	12,490	414	379	793	249,870
Total	975,052	21,092	24,638	24,650	49,289	1,720	1,361	3,081	1,048,514
2011									
January - March	235,953	5,188	5,773	6,716	12,489	526	490	1,016	254,647
April - June	224,177	5,392	5,466	5,571	11,036	378	264	643	241,247
July - September	262,618	5,407	5,696	5,473	11,168	396	132	528	279,722
October - December	209,736	5,447	5,384	6,160	11,543	367	239	605	227,332
Total	932,484	21,434	22,319	23,919	46,238	1,668	1,125	2,793	1,002,948
2012									
January - March	190,664	5,283	5,531	5,667	11,198	418	270	688	207,833
April - June	185,721	5,296	4,598	5,528	10,125	319	94	414	201,555
July - September	238,076	5,044	4,950	5,521	10,470	347	46	393	253,984
October - December	209,091	5,128	4,987	6,057	11,044	366	184	550	225,813
Total	823,551	20,751	20,065	22,773	42,838	1,450	595	2,045	889,185
2013									
January - March	211,971	5,280	5,115	5,942	11,057	418	260	679	228,987
April - June	199,845	5,471	4,747	5,554	10,301	307	91	397	216,014
July - September	237,205	5,429	4,830	5,538	10,368	299	57	355	253,357
October - December	208,942	5,294	5,069	6,260	11,329	333	187	520	226,084
Total	857,962	21,474	19,761	23,294	43,055	1,356	595	1,951	924,442
2014									
January - March	231,534	4,886	5,153	6,029	11,181	381	348	729	248,329
April - June	195,922	5,174	4,561	5,853	10,414	232	140	372	211,881
July - September	231,066	5,636	4,683	5,743	10,425	221	105	326	247,453
October - December	193,081	5,601	4,680	6,245	10,925	229	231	460	210,068
Total	851,602	21,297	19,076	23,870	42,946	1,063	824	1,887	917,731
2015									
January - March	196,656	5,156	4,602	5,791	10,393	277	290	567	212,772
April - June	174,376	4,987	4,095	5,216	9,311	166	136	302	188,975
July - September	214,811	5,030	4,316	4,957	9,273	173	105	278	229,393
October - December	152,601	4,535	3,971	5,511	9,482	183	174	357	166,974
Total	738,444	19,708	16,984	21,475	38,459	798	706	1,503	798,115
2016									
January - March	152,208	4,259	4,268	4,718	8,986	228	220	448	165,901
April - June	147,134	4,236	3,364	4,933	8,297	136	74	210	159,877
July - September	210,298	4,333	3,522	4,711	8,232	146	54	200	223,064
Total	509,640	12,829	11,154	14,361	25,515	510	349	858	548,842
2015 January - September	585,843	15,174	13,013	15,964	28,977	615	532	1,147	631,141
2014 January - September	658,521	15,695	14,396	17,625	32,021	833	593	1,427	707,664

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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	1,162	1,208	1,712	3,520	4,914	-28.4
East North Central	2,455	2,313	2,619	7,184	8,027	-10.5
South Atlantic	403	398	421	1,197	1,288	-7.1
East South Central	314	318	278	928	945	-1.8
U.S. Total	4,333	4,236	5,030	12,829	15,174	-15.5

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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
New England	5	4	16	14	70	-79.4
Maine	4	3	4	12	26	-54.6
Massachusetts	1	1	12	3	44	-93.7
Middle Atlantic	402	411	500	1,281	1,536	-16.6
New York	89	94	147	320	430	-25.5
Pennsylvania	314	316	354	960	1,106	-13.2
East North Central	1,606	1,580	1,737	4,926	5,669	-13.1
Illinois	652	587	618	1,892	2,007	-5.7
Indiana	434	415	378	1,210	1,182	2.3
Michigan	163	174	229	567	728	-22.1
Ohio	156	194	239	571	817	-30.2
Wisconsin	200	210	273	687	934	-26.5
West North Central	2,734	2,917	2,988	8,848	9,549	-7.3
Iowa	663	603	788	1,856	2,253	-17.6
Kansas	24	28	40	71	89	-20.1
Minnesota	193	174	201	760	704	7.9
Missouri	203	164	227	529	732	-27.7
Nebraska	293	237	281	805	863	-6.7
North Dakota	1,298	1,664	1,399	4,667	4,764	-2.0
South Dakota	60	48	52	159	145	9.8
South Atlantic	819	870	1,005	2,658	3,236	-17.9
Florida	137	117	147	378	434	-12.8
Georgia	103	103	94	339	368	-8.0
Maryland	142	137	173	397	502	-21.0
North Carolina	127	124	130	393	415	-5.3
South Carolina	64	75	101	242	343	-29.5
Virginia	130	140	142	461	518	-11.1
West Virginia	115	174	218	448	655	-31.7
East South Central	1,000	996	1,147	3,046	3,463	-12.0
Alabama	273	279	372	863	1,036	-16.7
Kentucky	219	190	234	576	742	-22.4
Mississippi	30	31	28	89	81	9.2
Tennessee	478	497	512	1,519	1,604	-5.3
West South Central	471	408	549	1,323	1,545	-14.4
Arkansas	50	46	48	151	144	4.9
Louisiana	77	65	77	209	185	13.1
Oklahoma	161	145	157	446	465	-4.0
Texas	183	152	267	517	752	-31.3
Mountain	812	750	897	2,316	2,703	-14.3
Arizona	50	50	59	138	171	-19.2
Colorado	69	78	85	217	246	-11.8
Idaho	28	11	14	73	149	-51.4
Montana	34	26	43	151	164	-7.7
Nevada	76	67	78	210	229	-8.1
New Mexico	19	21	21	55	48	13.9
Utah	205	165	238	456	554	-17.8
Wyoming	330	332	360	1,016	1,141	-10.9
Pacific	383	361	435	1,104	1,207	-8.5
Alaska	s	s	s	1	1	s
California	359	332	368	1,023	1,020	0.3
Hawaii	3	3	12	7	40	-82.7
Oregon	-	-	32	-	68	-
Washington	21	26	22	74	77	-4.4
U.S. Total	8,232	8,297	9,273	25,515	28,977	-11.9

- = 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
311 Food Manufacturing	1,876	1,699	1,876	5,808	6,075	-4.4
312 Beverage and Tobacco Product Mfg.	2	11	9	24	37	-34.8
313 Textile Mills	16	18	20	72	83	-12.8
321 Wood Product Manufacturing	-	-	10	-	24	-
322 Paper Manufacturing	929	959	1,121	3,098	3,714	-16.6
324 Petroleum and Coal Products*	1,299	1,628	1,389	4,556	4,682	-2.7
325 Chemical Manufacturing	1,230	1,274	1,488	3,930	4,736	-17.0
327 Nonmetallic Mineral Products Mfg.	2,144	2,037	2,539	6,083	7,270	-16.3
331 Primary Metal Manufacturing**	505	477	559	1,294	1,551	-16.6
332 Fabricated Metal Product Mfg.	-	1	-	4	10	-60.9
333 Machinery Manufacturing	27	15	35	63	93	-32.6
336 Transportation Equipment Mfg.	-	s	-	2	20	-90.6
337 Furniture and Related Product Mfg.	-	-	2	-	8	-
339 Miscellaneous Manufacturing	204	179	224	581	674	-13.7
U.S. Total	8,232	8,297	9,273	25,515	28,977	-11.9

* 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic	2	4	5	30	57	-47.9
Pennsylvania	2	4	5	30	57	-47.9
East North Central	38	46	60	199	257	-22.4
Illinois	21	26	24	78	77	1.1
Indiana	16	15	13	54	50	6.3
Michigan	-	s	15	14	43	-67.2
Ohio	2	5	8	37	69	-45.8
Wisconsin	-	s	s	17	18	-6.3
West North Central	44	38	60	175	240	-27.0
Iowa	31	31	46	102	135	-24.2
Minnesota	s	s	s	7	6	9.1
Missouri	9	2	6	29	45	-35.0
North Dakota	5	5	8	37	54	-31.2
South Atlantic	27	21	31	112	156	-28.5
District of Columbia	-	-	-	1	1	-18.6
Georgia	-	-	-	-	2	-
Maryland	-	-	-	-	1	-
North Carolina	26	17	26	88	113	-22.3
Virginia	1	4	5	23	39	-41.5
East South Central	-	3	-	11	17	-35.9
Kentucky	-	3	-	11	12	-3.9
Tennessee	-	-	-	-	6	-
West South Central	-	-	1	-	6	-
Texas	-	-	1	-	6	-
Mountain	-	2	s	5	11	-55.2
Colorado	-	s	-	1	3	-77.8
Montana	-	-	-	s	1	-48.1
Wyoming	-	1	s	4	7	-45.7
Pacific	89	96	122	326	402	-19.0
Alaska	89	96	122	326	402	-19.0
U.S. Total	200	210	278	858	1,147	-25.2

- = No data reported.

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

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

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

Stocks

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

(thousand short tons)

Last Day of Quarter	Coal Consumers				Total	Coal Producers and Distributors	Total
	Electric Power Sector ¹	Coke Plants	Other Industrial ²	Commercial and Institutional Users			
2010							
March 31	177,742	1,583	4,175	471	183,970	50,936	234,906
June 30	181,490	1,978	4,272	505	188,244	51,497	239,741
September 30	163,776	1,889	4,492	517	170,674	49,913	220,587
December 31	174,917	1,925	4,525	552	181,920	49,820	231,740
2011							
March 31	166,255	1,959	3,864	503	172,581	48,165	220,746
June 30	165,149	1,956	4,181	510	171,795	50,507	222,302
September 30	143,711	2,405	4,247	518	150,881	49,909	200,790
December 31	172,387	2,610	4,455	603	180,054	51,897	231,951
2012							
March 31	195,380	2,300	3,929	557	202,166	51,141	253,307
June 30	197,924	2,295	4,219	585	205,023	50,374	255,397
September 30	182,020	2,396	4,518	596	189,530	46,231	235,761
December 31	185,116	2,522	4,475	583	192,696	46,157	238,853
2013							
March 31	171,736	2,207	3,946	530	178,419	48,422	226,841
June 30	171,124	2,500	3,957	529	178,110	50,129	228,239
September 30	152,694	2,546	4,308	530	160,079	47,135	207,214
December 31	147,884	2,200	4,097	495	154,676	45,652	200,328
2014							
March 31	118,260	1,791	3,534	405	123,990	44,728	168,718
June 30	133,479	1,937	3,626	429	139,471	42,682	182,153
September 30	124,546	2,307	4,070	462	131,386	38,828	170,214
December 31	151,548	2,640	4,196	449	158,833	38,894	197,727
2015							
March 31	154,347	2,135	3,639	388	160,509	39,610	200,119
June 30	166,437	2,627	3,864	386	173,314	39,399	212,713
September 30	162,109	3,013	4,271	392	169,784	36,213	205,997
December 31	195,548	2,236	4,382	394	202,560	35,871	238,431
2016							
March 31	192,248	1,959	3,885	332	198,424	37,304*	235,728
June 30	183,115	1,834	3,788	337	189,075	37,127*	226,202
September 30	158,169	1,718	3,661	371	163,919	33,574*	197,493

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	September 30, 2016	June 30, 2016	September 30, 2015	Percent Change (September 30) 2016 versus 2015
Middle Atlantic	358	511	1,279	-72.0
East North Central	1,013	935	1,452	-30.2
South Atlantic	128	144	101	26.8
East South Central	219	244	181	21.2
U.S. Total	1,718	1,834	3,013	-43.0

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

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

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

(thousand short tons)

Census Division and State	September 30, 2016	June 30, 2016	September 30, 2015	Percent Change (September 30) 2016 versus 2015
New England	5	5	5	-7.3
Maine	1	1	1	28.9
Massachusetts	4	4	4	-13.7
Middle Atlantic	300	323	334	-10.4
New York	122	123	129	-5.0
Pennsylvania	177	200	206	-13.8
East North Central	684	699	877	-22.0
Illinois	110	127	134	-18.3
Indiana	234	183	185	26.4
Michigan	209	238	358	-41.7
Ohio	29	35	35	-19.3
Wisconsin	104	116	164	-37.0
West North Central	794	825	1,019	-22.1
Iowa	159	150	195	-18.5
Kansas	51	39	35	47.8
Minnesota	147	222	323	-54.5
Missouri	87	78	77	13.3
Nebraska	83	75	119	-30.5
North Dakota	237	209	202	17.7
South Dakota	30	52	68	-56.4
South Atlantic	407	432	494	-17.7
Florida	86	93	57	50.1
Georgia	73	95	122	-39.7
Maryland	21	18	19	13.0
North Carolina	24	27	32	-24.3
South Carolina	91	86	112	-18.4
Virginia	72	66	51	40.7
West Virginia	39	48	101	-61.9
East South Central	242	270	306	-21.0
Alabama	89	111	129	-31.1
Kentucky	26	32	33	-22.2
Mississippi	4	4	3	9.3
Tennessee	123	123	140	-12.1
West South Central	442	492	486	-9.1
Arkansas	31	40	40	-22.8
Louisiana	7	6	6	3.9
Oklahoma	121	154	165	-26.2
Texas	283	291	275	2.8
Mountain	587	525	571	2.8
Arizona	54	55	32	70.0
Colorado	40	28	55	-26.2
Idaho	288	292	280	2.9
Montana	38	26	42	-8.4
Nevada	25	17	37	-32.9
New Mexico	2	2	3	-43.5
Utah	62	43	49	27.8
Wyoming	77	62	73	5.2
Pacific	201	217	179	12.6
California	153	173	151	1.5
Hawaii	11	14	3	277.4
Oregon	33	25	18	81.1
Washington	4	5	6	-38.2
U.S. Total	3,661	3,788	4,271	-14.3

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	September 30, 2016	June 30, 2016	September 30, 2015	Percent Change (September 30) 2016 versus 2015
311 Food Manufacturing	775	776	824	-5.9
312 Beverage and Tobacco Product Mfg.	3	1	1	219.0
313 Textile Mills	15	15	15	1.4
322 Paper Manufacturing	372	457	547	-32.1
324 Petroleum and Coal Products*	203	187	174	16.3
325 Chemical Manufacturing	385	418	490	-21.5
327 Nonmetallic Mineral Products Mfg.	1,531	1,491	1,646	-6.9
331 Primary Metal Manufacturing**	284	328	463	-38.8
332 Fabricated Metal Product Mfg.	-	s	6	-100.0
333 Machinery Manufacturing	27	38	48	-44.5
336 Transportation Equipment Mfg.	6	6	3	74.8
337 Furniture and Related Product Mfg.	-	-	3	-100.0
339 Miscellaneous Manufacturing	62	70	52	19.4
U.S. Total	3,661	3,788	4,271	-14.3

* 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	September 30, 2016	June 30, 2016	September 30, 2015	Percent Change (September 30) 2016 versus 2015
Middle Atlantic	86	122	261	-67.3
East North Central	553	550	407	36.1
South Atlantic	86	79	57	50.9
East South Central	124	214	211	-41.3
U.S. Total	849	964	937	-9.3
Coke Total	656	765	785	-16.4
Breeze Total	193	200	152	27.6

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	September 30, 2016	June 30, 2016	September 30, 2015	Percent Change (September 30) 2016 versus 2015
Middle Atlantic	45	46	47	-4.6
Pennsylvania	45	46	47	-4.6
East North Central	55	55	91	-40.1
Illinois	14	15	19	-25.4
Indiana	32	32	38	-16.3
Michigan	-	-	18	-100.0
Ohio	7	7	14	-53.1
Wisconsin	2	2	2	20.6
West North Central	62	60	62	0.1
Iowa	35	34	40	-13.8
Minnesota	13	13	12	9.5
Missouri	1	-	2	-53.4
North Dakota	13	13	8	69.5
South Atlantic	69	62	57	21.3
District of Columbia	4	4	1	154.9
North Carolina	37	35	32	14.9
South Carolina	s	s	s	s
Virginia	28	23	23	21.9
East South Central	13	13	11	17.3
Kentucky	13	13	11	17.7
Tennessee	s	s	s	s
West South Central	-	-	3	-100.0
Texas	-	-	3	-100.0
Mountain	3	3	5	-28.4
Colorado	s	s	s	-55.6
Montana	3	3	4	-26.8
Wyoming	s	s	s	s
Pacific	124	98	117	5.9
Alaska	124	98	117	5.9
U.S. Total	371	337	392	-5.5

- = 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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
New England						
Btu	12,633	12,689	13,189	12,634	13,122	-3.7
Sulfur	0.81	0.87	0.78	0.84	0.77	8.9
Ash	8.33	8.28	6.76	8.35	7.07	18.0
Maine						
Btu	12,619	12,619	12,592	12,619	12,484	1.1
Sulfur	0.79	0.79	0.73	0.79	0.72	10.3
Ash	8.31	8.31	8.05	8.31	8.15	2.0
Massachusetts						
Btu	12,818	12,889	13,479	12,717	13,519	-5.9
Sulfur	1.01	1.10	0.81	1.08	0.80	35.8
Ash	8.60	8.18	6.14	8.54	6.40	33.5
Middle Atlantic						
Btu	13,578	13,665	13,728	13,682	13,706	-0.2
Sulfur	1.08	0.94	1.07	1.06	1.08	-1.4
Ash	8.94	7.26	8.08	8.05	8.26	-2.5
New York						
Btu	13,471	13,485	13,383	13,487	13,238	1.9
Sulfur	1.18	1.31	1.62	1.38	1.49	-7.7
Ash	6.88	6.69	8.16	6.94	8.59	-19.2
Pennsylvania						
Btu	13,587	13,682	13,757	13,701	13,746	-0.3
Sulfur	1.07	0.91	1.02	1.03	1.04	-0.9
Ash	9.13	7.32	8.07	8.16	8.23	-0.9
East North Central						
Btu	13,164	13,140	13,206	13,140	13,099	0.3
Sulfur	1.15	1.20	1.18	1.23	1.22	0.2
Ash	7.32	7.28	7.28	7.28	7.29	-0.1
Illinois						
Btu	11,533	11,564	11,698	11,554	11,549	s
Sulfur	2.04	2.17	1.99	2.19	2.07	5.9
Ash	7.59	7.78	7.45	7.77	7.50	3.6
Indiana						
Btu	13,867	13,937	14,003	13,938	13,921	0.1
Sulfur	0.91	0.88	0.94	0.90	0.93	-2.7
Ash	7.37	7.16	7.02	7.16	7.11	0.7
Michigan						
Btu	13,008	12,974	12,761	12,861	12,672	1.5
Sulfur	0.71	0.75	0.87	0.71	0.81	-12.2
Ash	6.76	6.60	7.40	6.57	7.20	-8.9
Ohio						
Btu	14,068	13,810	14,032	13,915	13,980	-0.5
Sulfur	1.04	1.12	1.07	1.10	1.14	-3.3
Ash	7.34	7.36	7.50	7.37	7.48	-1.4
Wisconsin						
Btu	10,501	10,870	11,481	10,622	11,171	-4.9
Sulfur	0.73	0.90	1.23	0.93	1.28	-26.9
Ash	6.92	6.89	7.08	6.79	7.05	-3.7
West North Central						
Btu	8,390	8,175	8,483	8,253	8,347	-1.1
Sulfur	0.89	0.94	0.91	0.89	0.92	-2.9
Ash	6.14	6.31	6.21	6.18	6.28	-1.6
Iowa						
Btu	9,155	9,175	9,357	9,140	9,235	-1.0
Sulfur	0.84	0.89	1.02	0.85	0.92	-8.4
Ash	5.35	5.26	5.68	5.26	5.40	-2.5
Kansas						
Btu	11,972	10,966	12,347	11,339	12,087	-6.2
Sulfur	1.60	1.59	1.77	1.74	1.64	6.6
Ash	8.84	9.84	9.26	10.31	9.53	8.2

Census Division and State ¹	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Minnesota						
Btu	9,278	9,286	8,994	9,307	9,080	2.5
Sulfur	0.35	0.33	0.27	0.35	0.29	21.1
Ash	4.32	4.08	5.00	4.20	4.89	-14.1
Missouri						
Btu	11,282	11,290	11,086	11,275	11,149	1.1
Sulfur	2.20	2.20	2.30	2.15	2.26	-4.7
Ash	8.47	8.17	9.15	8.44	9.05	-6.7
Nebraska						
Btu	9,064	9,233	9,234	9,020	9,049	-0.3
Sulfur	0.25	0.26	0.25	0.24	0.24	0.6
Ash	4.74	5.12	4.67	4.78	4.66	2.6
North Dakota						
Btu	7,218	7,247	7,217	7,231	7,212	0.3
Sulfur	0.90	0.95	0.91	0.94	0.95	-1.2
Ash	6.62	6.72	6.64	6.70	6.75	-0.7
South Dakota						
Btu	8,259	8,126	8,178	8,203	8,194	0.1
Sulfur	0.40	0.43	0.47	0.47	0.46	3.1
Ash	5.19	5.51	5.68	5.68	5.63	1.0
South Atlantic						
Btu	13,311	13,271	13,110	13,313	13,137	1.3
Sulfur	1.17	1.15	1.18	1.15	1.14	0.8
Ash	9.65	9.25	9.94	9.19	9.63	-4.6
Florida						
Btu	13,095	13,218	13,109	13,106	13,025	0.6
Sulfur	1.23	0.98	1.04	1.11	0.98	13.3
Ash	7.22	5.20	7.46	6.33	7.54	-16.0
Georgia						
Btu	12,920	12,802	13,054	12,925	13,051	-1.0
Sulfur	0.95	0.99	1.14	0.98	1.12	-12.5
Ash	8.64	9.40	8.94	8.69	8.61	0.8
Maryland						
Btu	10,868	10,913	10,876	10,888	11,026	-1.3
Sulfur	1.78	1.84	1.80	1.84	1.90	-3.4
Ash	24.37	23.83	23.76	23.88	23.22	2.9
North Carolina						
Btu	13,226	13,063	13,091	13,104	12,955	1.2
Sulfur	0.94	0.95	0.93	0.94	0.93	1.9
Ash	7.28	7.40	6.89	7.19	6.91	4.0
South Carolina						
Btu	12,804	12,889	12,844	12,998	12,827	1.3
Sulfur	1.15	0.93	0.91	0.91	0.92	-0.8
Ash	9.78	6.99	6.89	8.03	6.54	22.8
Virginia						
Btu	14,061	13,955	13,983	14,017	13,902	0.8
Sulfur	0.96	1.05	1.11	1.04	1.09	-5.0
Ash	7.05	7.40	7.84	7.19	7.80	-7.9
West Virginia						
Btu	14,015	13,885	13,363	13,886	13,444	3.3
Sulfur	1.31	1.21	1.20	1.24	1.09	14.4
Ash	7.79	7.76	8.70	7.81	8.68	-10.0
East South Central						
Btu	13,298	13,422	13,312	13,379	13,272	0.8
Sulfur	1.16	1.19	1.12	1.16	1.17	-1.0
Ash	7.85	7.34	7.76	7.46	7.66	-2.6
Alabama						
Btu	13,615	13,873	13,636	13,713	13,557	1.1
Sulfur	0.99	1.01	0.98	0.97	1.02	-4.7
Ash	8.21	7.52	7.98	7.69	7.85	-2.1
Kentucky						
Btu	13,040	12,742	13,031	13,145	13,155	-0.1
Sulfur	1.14	1.22	0.95	1.12	1.02	9.8
Ash	7.48	7.41	7.04	7.18	6.79	5.9

Census Division and State ¹	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Mississippi						
Btu	10,966	11,572	11,560	11,367	11,558	-1.7
Sulfur	2.27	2.33	2.32	2.31	2.27	1.6
Ash	7.75	7.35	7.72	7.60	7.87	-3.4
Tennessee						
Btu	13,204	13,252	13,110	13,191	13,067	0.9
Sulfur	1.30	1.33	1.32	1.32	1.35	-2.7
Ash	7.63	7.10	7.79	7.29	7.82	-6.8
West South Central						
Btu	9,670	9,886	10,016	9,844	10,122	-2.8
Sulfur	0.65	0.62	0.63	0.64	0.62	2.9
Ash	8.82	8.07	8.05	8.36	7.84	6.7
Arkansas						
Btu	12,148	11,925	11,888	12,018	11,885	1.1
Sulfur	2.00	1.50	1.56	1.59	1.48	7.3
Ash	11.17	11.48	10.80	11.06	10.85	1.9
Louisiana						
Btu	7,591	7,545	7,786	7,663	7,797	-1.7
Sulfur	0.66	0.62	0.83	0.65	0.79	-17.5
Ash	8.94	6.28	7.06	7.31	6.61	10.6
Oklahoma						
Btu	9,699	9,523	9,689	9,616	9,639	-0.2
Sulfur	0.37	0.37	0.43	0.37	0.39	-5.3
Ash	5.15	5.21	5.85	5.23	5.56	-6.1
Texas						
Btu	9,996	10,637	10,568	10,347	10,622	-2.6
Sulfur	0.54	0.55	0.52	0.55	0.55	-0.2
Ash	10.69	10.25	9.39	10.38	8.96	15.7
Mountain						
Btu	10,737	10,765	10,732	10,625	10,622	s
Sulfur	0.57	0.61	0.58	0.59	0.59	-0.5
Ash	7.71	7.92	7.30	7.43	7.25	2.5
Arizona						
Btu	11,497	11,583	11,621	11,628	11,554	0.6
Sulfur	0.62	0.69	0.69	0.71	0.67	5.2
Ash	12.08	11.70	10.75	11.49	10.86	5.8
Colorado						
Btu	11,709	11,962	11,570	11,442	11,488	-0.4
Sulfur	0.54	0.58	0.60	0.53	0.60	-12.1
Ash	8.83	9.42	6.70	8.49	6.83	24.4
Idaho						
Btu	11,595	11,299	11,292	11,329	11,157	1.5
Sulfur	0.53	0.54	0.71	0.55	0.66	-16.5
Ash	12.16	11.03	7.48	10.92	7.69	41.9
Montana						
Btu	9,596	9,644	9,447	9,143	9,141	s
Sulfur	0.34	0.37	0.35	0.33	0.36	-7.1
Ash	4.78	4.73	4.92	4.97	5.00	-0.6
Nevada						
Btu	11,268	11,351	11,372	11,312	11,304	0.1
Sulfur	0.40	0.43	0.45	0.43	0.48	-10.3
Ash	8.87	8.78	9.63	9.10	9.93	-8.4
New Mexico						
Btu	12,245	12,246	12,323	12,265	12,346	-0.7
Sulfur	0.68	0.67	0.73	0.70	0.78	-10.4
Ash	10.21	10.01	9.20	10.01	9.25	8.2
Utah						
Btu	11,365	11,431	11,283	11,417	11,413	s
Sulfur	0.50	0.54	0.51	0.52	0.53	-1.3
Ash	10.08	10.65	10.43	10.44	10.51	-0.6
Wyoming						
Btu	9,869	9,888	9,890	9,885	9,790	1.0
Sulfur	0.68	0.70	0.63	0.67	0.64	6.0
Ash	4.94	5.18	4.86	4.83	4.87	-0.8

Census Division and State ¹	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Pacific						
Btu	11,429	11,424	11,438	11,453	11,505	-0.5
Sulfur	0.59	0.58	0.61	0.60	0.57	3.6
Ash	10.69	10.45	10.93	10.35	10.25	1.0
California						
Btu	11,543	11,568	11,551	11,602	11,637	-0.3
Sulfur	0.60	0.59	0.63	0.62	0.60	3.5
Ash	11.07	10.87	11.27	10.78	10.68	1.0
Hawaii						
Oregon						
Btu	11,438	11,708	11,483	11,515	11,742	-1.9
Sulfur	0.52	0.52	0.53	0.53	0.52	0.8
Ash	10.66	10.47	11.47	10.93	10.25	6.6
Washington						
Btu	9,484	9,287	9,469	9,387	9,406	-0.2
Sulfur	0.29	0.36	0.35	0.33	0.34	-2.1
Ash	4.16	4.42	4.38	4.22	4.24	-0.4
U.S. Total						
Btu	11,840	11,783	11,987	11,778	11,887	-0.9
Sulfur	1.01	1.03	1.02	1.04	1.04	-0.6
Ash	7.70	7.41	7.61	7.45	7.59	-1.8

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	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic						
Btu	14,746	13,419	13,104	13,075	13,174	-0.7
Sulfur	1.00	0.94	0.79	0.86	0.94	-8.1
Ash	5.47	7.60	9.15	8.28	8.58	-3.5
Pennsylvania						
Btu	14,746	13,419	13,104	13,075	13,174	-0.7
Sulfur	1.00	0.94	0.79	0.86	0.94	-8.1
Ash	5.47	7.60	9.15	8.28	8.58	-3.5
East North Central						
Btu	11,365	11,443	11,629	11,822	12,106	-2.3
Sulfur	3.01	2.95	2.77	2.56	2.32	10.6
Ash	9.33	9.13	9.20	8.65	8.25	4.9
Illinois						
Btu	11,107	11,243	11,042	11,236	11,102	1.2
Sulfur	3.31	3.23	3.26	3.23	3.20	0.8
Ash	9.70	9.47	9.90	9.41	9.59	-1.9
Indiana						
Btu	11,494	11,328	11,103	11,347	11,180	1.5
Sulfur	2.84	2.99	3.31	2.94	3.07	-4.2
Ash	9.23	9.41	10.28	9.37	9.81	-4.5
Michigan						
Btu	-	-	12,344	-	12,374	-
Sulfur	-	-	2.50	-	2.56	-
Ash	-	-	8.90	-	8.53	-
Ohio						
Btu	13,453	13,216	13,303	13,538	13,392	1.1
Sulfur	0.92	0.90	0.87	0.89	1.12	-20.6
Ash	5.43	5.72	5.92	5.68	6.10	-6.8
Wisconsin						
Btu	-	13,375	-	13,375	13,395	-0.2
Sulfur	-	0.78	-	0.78	0.75	4.6
Ash	-	7.65	-	7.65	6.44	18.9
West North Central						
Btu	11,253	10,839	11,146	10,704	10,698	s
Sulfur	2.49	2.21	2.26	2.12	2.02	4.7
Ash	8.62	8.81	8.71	8.64	8.81	-2.0
Iowa						
Btu	11,619	11,346	11,525	11,404	11,363	0.4
Sulfur	2.57	2.58	2.42	2.53	2.38	6.0
Ash	8.52	8.76	8.53	8.63	8.82	-2.1
Minnesota						
Btu	9,222	9,350	9,318	8,925	8,966	-0.5
Sulfur	0.30	0.37	0.34	0.22	0.18	18.4
Ash	4.18	4.20	4.31	5.57	3.93	41.7
Missouri						
Btu	11,366	11,320	11,328	11,334	11,354	-0.2
Sulfur	3.12	2.98	3.00	2.99	3.04	-1.6
Ash	8.53	8.91	8.78	8.63	8.63	-0.1
North Dakota						
Btu	8,700	8,701	8,504	8,633	8,598	0.4
Sulfur	0.66	0.64	0.60	0.67	0.44	50.7
Ash	9.55	9.24	9.91	9.28	9.68	-4.1
South Atlantic						
Btu	13,225	13,276	13,392	13,258	13,311	-0.4
Sulfur	1.41	1.40	1.12	1.45	1.15	26.6
Ash	10.39	9.96	8.98	9.49	8.59	10.4
District of Columbia						
Btu	-	13,260	-	13,260	-	-
Sulfur	-	0.51	-	0.51	-	-
Ash	-	6.64	-	6.64	-	-

Census Division and State ¹	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North Carolina						
Btu	13,199	13,420	13,454	13,282	13,333	-0.4
Sulfur	1.52	1.64	1.23	1.60	1.24	28.8
Ash	9.33	9.26	8.32	8.57	8.30	3.4
Virginia						
Btu	13,290	12,966	13,237	13,189	13,231	-0.3
Sulfur	1.12	1.05	0.84	1.11	0.81	37.4
Ash	13.08	12.17	10.61	12.27	9.70	26.4
East South Central						
Btu	13,007	13,252	12,967	13,247	13,109	1.0
Sulfur	0.77	0.71	0.74	0.70	0.81	-14.1
Ash	6.46	5.86	6.52	5.89	6.92	-14.9
Kentucky						
Btu	13,007	13,252	12,967	13,247	13,198	0.4
Sulfur	0.77	0.71	0.74	0.70	0.68	2.6
Ash	6.46	5.86	6.52	5.89	6.23	-5.5
Tennessee						
Btu	-	-	-	-	12,878	-
Sulfur	-	-	-	-	1.16	-
Ash	-	-	-	-	8.72	-
West South Central						
Btu	-	-	13,428	-	13,308	-
Sulfur	-	-	0.67	-	0.66	-
Ash	-	-	8.61	-	8.04	-
Texas						
Btu	-	-	13,428	-	13,308	-
Sulfur	-	-	0.67	-	0.66	-
Ash	-	-	8.61	-	8.04	-
Mountain						
Btu	12,000	11,417	11,338	9,844	11,070	-11.1
Sulfur	0.42	0.54	0.47	0.40	0.45	-11.0
Ash	8.66	9.55	10.34	6.08	8.32	-27.0
Colorado						
Btu	-	-	-	-	11,573	-
Sulfur	-	-	-	-	0.45	-
Ash	-	-	-	-	9.10	-
Montana						
Btu	12,000	-	-	12,000	-	-
Sulfur	0.42	-	-	0.42	-	-
Ash	8.66	-	-	8.66	-	-
Wyoming						
Btu	-	11,417	11,338	9,553	10,858	-12.0
Sulfur	-	0.54	0.47	0.39	0.44	-11.4
Ash	-	9.55	10.34	5.73	7.99	-28.3
Pacific						
Btu	7,490	7,538	7,494	7,554	7,603	-0.6
Sulfur	0.19	0.15	0.16	0.15	0.18	-14.6
Ash	7.46	5.86	8.29	6.35	7.92	-19.9
Alaska						
Btu	7,490	7,538	7,494	7,554	7,603	-0.6
Sulfur	0.19	0.15	0.16	0.15	0.18	-14.6
Ash	7.46	5.86	8.29	6.35	7.92	-19.9
U.S. Total						
Btu	9,815	9,906	10,204	10,061	10,400	-3.3
Sulfur	1.30	1.22	1.27	1.23	1.20	2.3
Ash	8.45	7.57	8.68	7.73	8.30	-6.9

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.'