



Independent Statistics & Analysis
U.S. Energy Information
Administration

Quarterly Coal Report January – March 2018

July 2018



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Preface

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

The *Quarterly Coal Report* (QCR) presents U.S. coal production, exports, imports, receipts, prices, consumption, quality, stocks, and refined coal data. In addition, the QCR offers U.S. coke production, consumption, stocks, imports, and exports data. The first quarter 2018 QCR includes detailed quarterly coal data for January – March 2018 and aggregated quarterly historical coal data for 2010 through first quarter 2018.

All data for 2016 and prior years are final. All data for 2017 and 2018 are preliminary.

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Table ES-1. U.S. Coal Summary Statistics, 2012 - 2018

(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
2012								
January - March	266,865	2,022	2,893	51,141	207,833	28,642	202,166	-
April - June	241,047	2,329	2,500	50,374	201,555	37,534	205,023	-
July - September	258,956	2,415	2,982	46,231	253,984	31,563	189,530	-
October - December	249,591	2,394	2,821	46,157	225,813	28,006	192,696	-
Total	1,016,458	9,159	11,196		889,185	125,746		14,980
2013								
January - March	244,867	1,429	3,169	48,422	228,987	31,835	178,419	-
April - June	243,211	2,756	2,687	50,129	216,014	29,427	178,110	-
July - September	257,595	2,398	2,782	47,135	253,357	28,589	160,079	-
October - December	239,169	2,323	2,640	45,652	226,084	27,809	154,676	-
Total	984,842	8,906	11,279		924,442	117,659		1,451
2014								
January - March	245,271	2,450	3,277	44,728	248,329	27,584	123,990	-
April - June	245,844	3,574	2,896	42,682	211,881	24,674	139,471	-
July - September	255,377	3,151	3,256	38,828	247,453	22,723	131,386	-
October - December	253,557	2,174	2,662	38,894	210,068	22,276	158,833	-
Total	1,000,049	11,350	12,090		917,731	97,257		11,101
2015								
January - March	240,324	3,009	2,821	39,610	212,772	21,979	160,509	-
April - June	212,557	2,640	2,209	39,399	188,975	19,766	173,314	-
July - September	236,823	2,965	2,722	36,213	229,393	16,914	169,784	-
October - December	207,237	2,705	2,217	35,871	166,974	15,299	202,560	-
Total	896,941	11,318	9,969		798,115	73,958		5,452
2016								
January - March	173,225	2,698	2,829	35,207	166,448	14,153	197,755	-
April - June	160,853	2,292	2,174	32,932	160,278	14,223	188,060	-
July - September	195,101	2,733	2,880	27,282	223,358	12,552	162,318	-
October - December	199,186	2,124	2,256	25,309	180,987	19,343	167,681	-
Total	728,364	9,846	10,138		731,071	60,271		2,449
2017								
January - March	197,033	1,915	2,511	25,190*	173,482	22,307	166,649	-
April - June	187,082	2,197	1,840	23,430*	166,842	21,796	162,969	-
July - September	196,161	2,308	2,342	21,984*	203,898	24,644	144,808	-
October - December	193,842	1,357	2,055	21,108*	172,742	28,206	142,423	-
Total	774,118	7,777	8,748		716,964	96,953		6,185
2018								
January - March	186,755	1,367	2,756	23,884*	167,735	27,221	131,073	-
Total	186,755	1,367	2,756		167,735	27,221		4,497
2017 January - March	197,033	1,915	2,511		173,482	22,307		-
2016 January - March	173,225	2,698	2,829		166,448	14,153		-

1 Includes refuse recovery.

2 Reported as of the last day of the quarter.

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

* Estimated.

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

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

Table ES-2. U.S. Coke Summary Statistics, 2012 - 2018

(thousand short tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks¹	Consumption²	Exports
2012					
January - March	3,857	365	636	4,160	172
April - June	3,863	462	594	4,165	203
July - September	3,726	145	532	3,722	210
October - December	3,726	162	606	3,425	389
Total	15,172	1,135		15,472	974
2013					
January - March	3,841	57	573	3,763	167
April - June	3,954	42	757	3,599	212
July - September	3,742	31	778	3,539	213
October - December	3,783	8	872	3,450	247
Total	15,320	138		14,351	840
2014					
January - March	3,483	2	718	3,515	124
April - June	3,718	38	751	3,531	192
July - September	4,036	12	786	3,697	316
October - December	3,917	25	797	3,616	315
Total	15,154	77		14,359	946
2015					
January - March	3,611	3	1,044	3,204	163
April - June	3,511	10	1,127	3,135	302
July - September	3,507	74	785	3,770	152
October - December	3,126	54	707	3,018	239
Total	13,755	140		13,128	857
2016					
January - March	2,950	4	831	2,757	72
April - June	2,927	95	765	2,919	169
July - September	2,987	73	656	2,877	291
October - December	2,992	57	579	2,659	467
Total	11,855	229		11,212	1,000
2017					
January - March	3,027	1	448	2,918	242
April - June	3,124	27	414	2,953	231
July - September	3,411	5	465	3,087	278
October - December	3,386	25	558	2,860	458
Total	12,948	58		11,818	1,209
2018					
January - March	3,219	4	405	3,072	304
Total	3,219	4		3,072	304
2017 January - March	3,027	1		2,918	242
2016 January - March	2,950	4		2,757	72

1 Reported as of the last day of the quarter.

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

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

Source: *Production, Consumption, and Producer and Distributor Stocks: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

*Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.' *Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

Table ES-3. Summary Statistics for Coal Refining Plants, 2012 - 2018

(thousand short tons)

Year and Quarter	Coal Receipts by Rank				Average Price of Receipts (dollars per short ton)	Refined Coal Produced	Refined Coal Sold
	Bituminous	Subbituminous	Lignite	Total			
2012							
January - March	30	1,890	231	2,151	27.47	1,756	-
April - June	-	2,853	992	3,844	25.42	3,668	-
July - September	-	2,806	2,593	5,399	24.32	4,182	-
October - December	-	2,571	2,347	4,919	24.55	4,434	-
Total	30	10,120	6,164	16,313	25.06	14,040	-
2013							
January - March	-	2,733	2,334	5,067	24.60	4,989	-
April - June	-	2,105	1,910	4,015	25.24	3,615	-
July - September	54	3,279	2,823	6,156	26.93	6,197	-
October - December	733	3,848	2,635	7,216	29.01	6,111	-
Total	786	11,966	9,701	22,454	26.77	20,912	-
2014							
January - March	486	4,887	2,623	7,996	29.13	7,717	-
April - June	552	3,985	2,737	7,273	28.16	6,909	-
July - September	426	7,550	3,181	11,157	30.08	10,113	-
October - December	1,130	8,549	2,841	12,520	28.13	11,105	-
Total	2,594	24,972	11,381	38,946	28.90	35,843	-
2015							
January - March	1,475	7,784	3,212	12,471	29.07	11,403	-
April - June	1,355	7,435	3,146	11,936	28.67	11,237	-
July - September	w	w	w	w	w	w	w
October - December	w	w	w	w	w	w	w
Total	w	w	w	w	w	w	w
2016							
January - March	w	w	w	w	w	w	w
April - June	w	w	w	w	w	w	w
July - September	w	w	w	w	w	w	w
October - December	w	w	w	w	w	w	w
Total	w	w	w	w	w	w	w
2017							
January - March	w	w	w	w	w	w	w
April - June	w	w	w	w	w	w	w
July - September	15,127	17,625	3,186	35,938	35.64	33,556	33,556
October - December	13,245	17,509	2,798	33,552	35.75	31,894	31,894
Total	w	w	w	w	w	w	w
2018							
January - March	14,908	16,401	4,016	35,326	36.93	46,972	46,972
Total	14,908	16,401	4,016	35,326	36.93	46,972	46,972

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

Production

Table 1. U.S. Coal Production, 2012 - 2018

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
2012	266,865	241,047	258,956	249,591	1,016,458
2013	244,867	243,211	257,595	239,169	984,842
2014	245,271	245,844	255,377	253,557	1,000,049
2015	240,324	212,557	236,823	207,237	896,941
2016	173,225	160,853	195,101	199,186	728,364
2017	197,033	187,082	196,161	193,842	774,118
2018	186,755	-	-	-	186,755

- = No data reported.

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

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

Table 2. Coal Production by State

(thousand short tons)

Coal-Producing Region and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Alabama	3,899	3,084	3,273	3,899	3,273	19.1
Alaska	236	264	259	236	259	-9.1
Arizona	1,526	1,798	1,667	1,526	1,667	-8.4
Arkansas	-	-	10	-	10	-
Colorado	3,275	3,745	3,784	3,275	3,784	-13.5
Illinois	12,611	11,430	12,617	12,611	12,617	-0.1
Indiana	8,471	7,668	8,386	8,471	8,386	1.0
Kentucky Total	9,899	9,926	11,422	9,899	11,422	-13.3
Eastern (Kentucky)	4,141	4,613	4,662	4,141	4,662	-11.2
Western (Kentucky)	5,758	5,314	6,760	5,758	6,760	-14.8
Louisiana	231	489	955	231	955	-75.8
Maryland	317	351	380	317	380	-16.4
Mississippi	640	582	740	640	740	-13.6
Missouri	64	60	59	64	59	7.7
Montana	8,990	9,739	7,243	8,990	7,243	24.1
New Mexico	2,023	2,765	3,744	2,023	3,744	-46.0
North Dakota	7,533	7,506	7,234	7,533	7,234	4.1
Ohio	2,450	2,439	2,269	2,450	2,269	8.0
Oklahoma	116	146	121	116	121	-3.8
Pennsylvania Total	11,763	12,165	12,575	11,763	12,575	-6.5
Anthracite (Pennsylvania)	286	483	502	286	502	-43.0
Bituminous (Pennsylvania)	11,476	11,682	12,074	11,476	12,074	-4.9
Tennessee	57	71	152	57	152	-62.6
Texas	6,064	9,906	8,737	6,064	8,737	-30.6
Utah	3,634	4,127	3,523	3,634	3,523	3.1
Virginia	3,239	3,133	3,575	3,239	3,575	-9.4
West Virginia Total	23,198	24,241	23,684	23,198	23,684	-2.1
Northern (West Virginia)	11,091	12,375	12,667	11,091	12,667	-12.4
Southern (West Virginia)	12,107	11,866	11,018	12,107	11,018	9.9
Wyoming	76,385	78,052	80,374	76,385	80,374	-5.0
Appalachia Total	49,064	50,096	50,570	49,064	50,570	-3.0
Appalachia Central	19,544	19,683	19,407	19,544	19,407	0.7
Appalachia Northern	25,621	27,330	27,891	25,621	27,891	-8.1
Appalachia Southern	3,899	3,084	3,273	3,899	3,273	19.1
Interior Region Total	33,955	35,594	38,386	33,955	38,386	-11.5
Illinois Basin	26,839	24,411	27,763	26,839	27,763	-3.3
Interior	7,116	11,183	10,623	7,116	10,623	-33.0
Western Region Total	103,602	107,996	107,828	103,602	107,828	-3.9
Powder River Basin	80,845	83,362	83,926	80,845	83,926	-3.7
Uinta Region	6,620	7,519	6,990	6,620	6,990	-5.3
Western	16,136	17,115	16,912	16,136	16,912	-4.6
East of Mississippi River	76,543	75,089	79,073	76,543	79,073	-3.2
West of Mississippi River	110,078	118,597	117,711	110,078	117,711	-6.5
U.S. Subtotal	186,621	193,687	196,784	186,621	196,784	-5.2
Refuse Recovery	134	155	249	134	249	-46.2
U.S. Total	186,755	193,842	197,033	186,755	197,033	-5.2

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

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

Table 3. Coke and Breeze Production at Coke Plants

(thousand short tons)

Census Division	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	955	1,056	988	955	988	-3.3
East North Central	1,858	1,905	1,618	1,858	1,618	14.8
South Atlantic	308	315	303	308	303	1.6
East South Central	257	279	257	257	257	-0.1
U.S. Total	3,378	3,556	3,167	3,378	3,167	6.7
Coke Total	3,219	3,386	3,027	3,219	3,027	6.3
Breeze Total	159	170	140	159	140	13.7

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

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

Exports and Imports

Table 4. U.S. Coal Exports and Imports, 2012 - 2018

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2012	28,642	2,022	37,534	2,329	31,563	2,415	28,006	2,394	125,746	9,159
2013	31,835	1,429	29,427	2,756	28,589	2,398	27,809	2,323	117,659	8,906
2014	27,584	2,450	24,674	3,574	22,723	3,151	22,276	2,174	97,257	11,350
2015	21,979	3,009	19,766	2,640	16,914	2,965	15,299	2,705	73,958	11,318
2016	14,153	2,698	14,223	2,292	12,552	2,733	19,343	2,124	60,271	9,846
2017	22,307	1,915	21,796	2,197	24,644	2,308	28,206	1,357	96,953	7,777
2018	27,221	1,367	-	-	-	-	-	-	27,221	1,367

- = 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, 2012 - 2018

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2012	134.88	103.82	118.95	100.89	115.12	93.25	104.64	90.39	118.43	96.78
2013	99.68	86.87	96.77	83.18	91.64	81.66	91.46	83.12	95.06	83.35
2014	90.72	78.15	86.24	80.46	85.69	80.60	84.94	85.48	87.08	80.96
2015	82.31	69.95	80.14	74.40	73.52	71.85	68.61	70.48	76.89	71.61
2016	61.41	63.97	65.79	66.30	67.24	62.70	92.57	71.32	73.66	65.75
2017	110.44	74.81	110.65	79.44	98.79	79.71	90.59	86.54	101.75	79.62
2018	105.78	71.48	-	-	-	-	-	-	105.78	71.48

- = 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, 2012 - 2018

(short tons and dollars per short ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other Countries	Total
2012	-	1,107,727	6,951,515	517,532	77,738	287,147	217,598	9,159,257
2013	22	1,116,076	6,575,927	886,920	51,944	42,428	233,108	8,906,425
2014	532	1,026,523	8,295,286	1,526,611	39,776	288,738	172,460	11,349,926
2015	60,994	1,187,655	8,936,034	890,124	16,099	74,175	152,930	11,318,011
2016	121,967	1,078,480	7,890,800	613,944	6,955	-	134,212	9,846,358
2017								
January - March	-	204,185	1,649,757	58,863	1,202	-	1,047	1,915,054
April - June	700	205,598	1,789,959	199,996	676	-	121	2,197,050
July - September	-	306,509	1,767,445	196,208	2,081	-	35,740	2,307,983
October - December	-	175,442	879,451	244,386	2,515	46	55,245	1,357,085
U.S. Total	700	891,734	6,086,612	699,453	6,474	46	92,153	7,777,172
2018								
January - March	-	105,103	1,032,860	196,457	4,962	-	27,580	1,366,962
U.S. Total	-	105,103	1,032,860	196,457	4,962	-	27,580	1,366,962
Average Price (dollars per short ton)								
2012	-	184.89	83.94	53.54	133.39	109.51	131.25	96.78
2013	182.64	145.52	75.11	59.45	107.55	91.81	101.89	83.35
2014	117.40	131.45	78.63	56.36	155.20	83.80	88.53	80.96
2015	60.25	114.88	66.70	56.65	184.78	68.88	103.61	71.61
2016	47.66	77.40	65.10	52.17	126.99	-	85.65	65.75
2017								
January - March	-	150.23	65.70	66.51	155.91	-	85.19	74.81
April - June	74.89	238.56	63.75	55.81	168.50	-	363.51	79.44
July - September	-	188.40	62.12	60.01	69.52	-	126.07	79.71
October - December	-	181.32	68.13	73.61	73.22	103.33	136.41	86.54
U.S. Total	74.89	189.83	64.44	64.11	97.33	103.33	132.12	79.62
2018								
January - March	-	181.51	58.37	74.05	162.88	-	108.36	71.48
U.S. Total	-	181.51	58.37	74.05	162.88	-	108.36	71.48

- = No data reported.

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

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

Table 7. U.S. Coal Exports

(short tons)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	2,020,609	3,076,272	1,953,551	2,020,609	1,953,551	3.4
Canada*	529,211	1,565,292	641,424	529,211	641,424	-17.5
Dominican Republic	-	-	51,687	-	51,687	-
Guatemala	83,716	121,000	183,432	83,716	183,432	-54.4
Honduras	38,360	38,581	35,825	38,360	35,825	7.1
Jamaica	-	33,124	66,218	-	66,218	-
Mexico	1,276,279	1,284,494	875,567	1,276,279	875,567	45.8
Panama	42,440	33,678	35,670	42,440	35,670	19.0
Trinidad and Tobago	95	47	62,951	95	62,951	-99.8
Other**	50,508	56	777	50,508	777	NM
South America Total	2,804,537	2,422,518	2,003,437	2,804,537	2,003,437	40.0
Argentina	265,388	211,433	104,731	265,388	104,731	153.4
Brazil	2,256,213	2,210,211	1,709,521	2,256,213	1,709,521	32.0
Chile	281,529	440	188,973	281,529	188,973	49.0
Peru	450	174	106	450	106	324.5
Other**	957	260	106	957	106	NM
Europe Total	8,988,103	11,162,413	11,004,720	8,988,103	11,004,720	-18.3
Austria	96,589	112,382	184,855	96,589	184,855	-47.7
Belgium	301,261	263,346	438,522	301,261	438,522	-31.3
Croatia	752,597	453,230	495,787	752,597	495,787	51.8
Denmark (Except Greenland)	-	80,746	-	-	-	-
Finland	-	121,253	-	-	-	-
France	520,325	631,071	714,086	520,325	714,086	-27.1
Germany, Federal Republic of	803,021	1,549,722	1,219,236	803,021	1,219,236	-34.1
Greece	-	39,780	-	-	-	-
Ireland	-	-	91,569	-	91,569	-
Italy	723,037	987,187	824,538	723,037	824,538	-12.3
Netherlands	2,196,096	1,840,065	3,281,213	2,196,096	3,281,213	-33.1
Norway	16,413	19,728	20,481	16,413	20,481	-19.9
Poland	473,682	450,626	209,201	473,682	209,201	126.4
Portugal	147,905	342,166	175,738	147,905	175,738	-15.8
Romania	86,112	97,237	51,159	86,112	51,159	68.3
Slovakia	55,139	143,399	110,217	55,139	110,217	-50.0
Slovenia	38,581	115,253	12,321	38,581	12,321	213.1
Spain	429,051	459,083	373,346	429,051	373,346	14.9
Sweden	84,989	216,592	118,725	84,989	118,725	-28.4
Turkey	560,718	475,503	653,606	560,718	653,606	-14.2
Ukraine	1,017,469	1,950,638	865,732	1,017,469	865,732	17.5
United Kingdom	684,787	812,979	1,164,011	684,787	1,164,011	-41.2
Other**	331	427	377	331	377	-12.2
Asia Total	11,279,284	9,541,433	6,378,983	11,279,284	6,378,983	76.8
China	1,018,652	442,562	735,844	1,018,652	735,844	38.4
India	5,153,963	4,346,265	1,886,297	5,153,963	1,886,297	173.2
Japan	2,460,040	2,013,869	1,623,872	2,460,040	1,623,872	51.5
Pakistan	15	130,786	21	15	21	-28.6
South Korea (Republic of Korea)	2,503,499	2,281,908	2,114,422	2,503,499	2,114,422	18.4
Taiwan	200	323,938	944	200	944	-78.8
Thailand	140,108	575	251	140,108	251	NM
United Arab Emirates	6	-	-	6	-	-
Other**	2,801	1,530	17,332	2,801	17,332	-83.8
Australia and Oceania Total	121	1,008	47,855	121	47,855	-99.7
Other**	121	1,008	47,855	121	47,855	-99.7
Africa Total	2,128,122	2,002,316	918,359	2,128,122	918,359	131.7
Egypt	727,988	898,205	182,654	727,988	182,654	298.6
Morocco	1,338,892	1,050,953	735,643	1,338,892	735,643	82.0
Senegal	33,069	-	-	33,069	-	-
South Africa	335	-	22	335	22	NM
Togo	-	53,150	-	-	-	-

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Other**	27,838	8	40	27,838	40	NM
Total	27,220,776	28,205,960	22,306,905	27,220,776	22,306,905	22.0

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	59.36	78.36	74.30	59.36	74.30	-20.1
Canada*	99.77	106.67	86.45	99.77	86.45	15.4
Dominican Republic	-	-	100.12	-	100.12	-
Guatemala	65.54	63.94	73.15	65.54	73.15	-10.4
Honduras	50.80	88.90	72.58	50.80	72.58	-30.0
Jamaica	-	88.91	37.29	-	37.29	-
Mexico	43.15	44.98	69.38	43.15	69.38	-37.8
Panama	54.43	64.53	49.89	54.43	49.89	9.1
Trinidad and Tobago	27.46	360.72	54.90	27.46	54.90	-50.0
Other**	46.08	393.00	67.19	46.08	67.19	-31.4
South America Total	139.95	122.60	141.06	139.95	141.06	-0.8
Argentina	185.63	154.70	161.63	185.63	161.63	14.8
Brazil	143.21	119.40	151.14	143.21	151.14	-5.2
Chile	68.79	276.95	37.86	68.79	37.86	81.7
Peru	365.56	534.14	372.96	365.56	372.96	-2.0
Other**	632.53	644.86	941.80	632.53	941.80	-32.8
Europe Total	122.58	102.56	114.00	122.58	114.00	7.5
Austria	189.61	151.23	247.70	189.61	247.70	-23.5
Belgium	160.49	149.51	115.38	160.49	115.38	39.1
Croatia	140.07	137.50	162.16	140.07	162.16	-13.6
Denmark (Except Greenland)	-	68.58	-	-	-	-
Finland	-	163.61	-	-	-	-
France	122.24	87.44	120.03	122.24	120.03	1.8
Germany, Federal Republic of	148.54	100.90	104.03	148.54	104.03	42.8
Greece	-	31.27	-	-	-	-
Ireland	-	-	73.48	-	73.48	-
Italy	131.34	98.19	134.08	131.34	134.08	-2.0
Netherlands	80.79	83.13	67.62	80.79	67.62	19.5
Norway	153.89	135.24	125.51	153.89	125.51	22.6
Poland	142.07	82.33	154.61	142.07	154.61	-8.1
Portugal	58.97	66.03	35.36	58.97	35.36	66.8
Romania	105.28	134.04	145.72	105.28	145.72	-27.8
Slovakia	144.66	146.52	162.52	144.66	162.52	-11.0
Slovenia	63.50	76.39	96.61	63.50	96.61	-34.3
Spain	122.55	107.24	134.74	122.55	134.74	-9.0
Sweden	182.02	140.68	165.64	182.02	165.64	9.9
Turkey	119.96	122.34	182.00	119.96	182.00	-34.1
Ukraine	159.63	116.96	206.15	159.63	206.15	-22.6
United Kingdom	114.81	82.10	78.09	114.81	78.09	47.0
Other**	95.26	140.75	83.63	95.26	83.63	13.9
Asia Total	100.22	77.83	110.41	100.22	110.41	-9.2
China	127.62	106.23	121.83	127.62	121.83	4.8
India	98.86	75.90	124.90	98.86	124.90	-20.8
Japan	130.41	97.68	109.00	130.41	109.00	19.6
Pakistan	214.40	47.17	212.95	214.40	212.95	0.7
South Korea (Republic of Korea)	64.34	64.09	93.99	64.34	93.99	-31.5
Taiwan	281.17	48.83	85.95	281.17	85.95	227.1
Thailand	60.39	231.33	169.76	60.39	169.76	-64.4
United Arab Emirates	656.67	-	-	656.67	-	-
Other**	193.20	411.52	185.78	193.20	185.78	4.0
Australia and Oceania Total	264.71	211.99	170.20	264.71	170.20	55.5
Other**	264.71	211.99	170.20	264.71	170.20	55.5
Africa Total	63.23	64.63	74.99	63.23	74.99	-15.7
Egypt	64.35	68.60	109.25	64.35	109.25	-41.1
Morocco	62.99	61.93	66.36	62.99	66.36	-5.1
Senegal	51.71	-	-	51.71	-	-
South Africa	552.79	-	553.55	552.79	553.55	-0.1
Togo	-	50.79	-	-	-	-

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Other**	53.18	1,185.38	2,226.00	53.18	2,226.00	-97.6
Total	105.78	90.59	110.44	105.78	110.44	-4.2

* 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 2017.

- = No data reported.

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

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

Table 9. U.S. Steam Coal Exports

(short tons)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	1,408,394	1,301,995	1,252,376	1,408,394	1,252,376	12.5
Canada*	248,044	212,803	278,595	248,044	278,595	-11.0
Dominican Republic	-	-	199	-	199	-
Guatemala	83,716	121,000	183,432	83,716	183,432	-54.4
Honduras	38,360	38,581	35,825	38,360	35,825	7.1
Jamaica	-	33,124	66,218	-	66,218	-
Mexico	945,231	862,706	651,496	945,231	651,496	45.1
Panama	42,440	33,678	35,670	42,440	35,670	19.0
Trinidad and Tobago	95	47	164	95	164	-42.1
Other**	50,508	56	777	50,508	777	NM
South America Total	295,177	77,710	201,020	295,177	201,020	46.8
Argentina	12	22	-	12	-	-
Brazil	12,229	76,814	11,835	12,229	11,835	3.3
Chile	281,529	440	188,973	281,529	188,973	49.0
Peru	450	174	106	450	106	324.5
Other**	957	260	106	957	106	NM
Europe Total	2,884,390	4,565,204	5,108,377	2,884,390	5,108,377	-43.5
Austria	-	375	846	-	846	-
Croatia	12,081	-	-	12,081	-	-
Denmark (Except Greenland)	-	80,746	-	-	-	-
France	187,634	338,130	412,463	187,634	412,463	-54.5
Germany, Federal Republic of	229,909	905,333	630,211	229,909	630,211	-63.5
Greece	-	39,780	-	-	-	-
Italy	235,716	443,603	245,749	235,716	245,749	-4.1
Netherlands	1,169,573	979,411	2,530,196	1,169,573	2,530,196	-53.8
Poland	84,191	336,900	23,831	84,191	23,831	253.3
Portugal	147,905	342,166	90,941	147,905	90,941	62.6
Romania	41,201	-	-	41,201	-	-
Slovakia	23	-	-	23	-	-
Slovenia	-	-	12,321	-	12,321	-
Spain	194,870	212,062	182,220	194,870	182,220	6.9
Sweden	-	53,022	228	-	228	-
Turkey	138,326	63,367	160,122	138,326	160,122	-13.6
Ukraine	110,735	133,883	-	110,735	-	-
United Kingdom	331,895	635,999	818,872	331,895	818,872	-59.5
Other**	331	427	377	331	377	-12.2
Asia Total	5,976,666	6,094,347	3,101,201	5,976,666	3,101,201	92.7
China	180,003	67,246	173,013	180,003	173,013	4.0
India	2,997,699	3,197,290	1,137,416	2,997,699	1,137,416	163.6
Japan	736,177	945,098	613,458	736,177	613,458	20.0
Pakistan	15	26	21	15	21	-28.6
South Korea (Republic of Korea)	1,919,657	1,558,797	1,174,371	1,919,657	1,174,371	63.5
Taiwan	200	323,938	944	200	944	-78.8
Thailand	140,108	422	98	140,108	98	NM
United Arab Emirates	6	-	-	6	-	-
Other**	2,801	1,530	1,880	2,801	1,880	49.0
Australia and Oceania Total	121	1,008	442	121	442	-72.6
Other**	121	1,008	442	121	442	-72.6
Africa Total	1,781,282	1,377,426	472,544	1,781,282	472,544	277.0
Egypt	727,988	584,686	44	727,988	44	NM
Morocco	992,052	739,582	472,438	992,052	472,438	110.0
Senegal	33,069	-	-	33,069	-	-
South Africa	335	-	22	335	22	NM
Togo	-	53,150	-	-	-	-
Other**	27,838	8	40	27,838	40	NM
Total	12,346,030	13,417,690	10,135,960	12,346,030	10,135,960	21.8

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	47.78	50.89	58.65	47.78	58.65	-18.5
Canada*	89.02	106.10	84.18	89.02	84.18	5.7
Dominican Republic	-	-	186.54	-	186.54	-
Guatemala	65.54	63.94	73.15	65.54	73.15	-10.4
Honduras	50.80	88.90	72.58	50.80	72.58	-30.0
Jamaica	-	88.91	37.29	-	37.29	-
Mexico	35.06	31.71	45.44	35.06	45.44	-22.8
Panama	54.43	64.53	49.89	54.43	49.89	9.1
Trinidad and Tobago	27.46	360.72	234.74	27.46	234.74	-88.3
Other**	46.08	393.00	67.19	46.08	67.19	-31.4
South America Total	73.35	86.82	43.58	73.35	43.58	68.3
Argentina	273.00	245.45	-	273.00	-	-
Brazil	123.72	82.79	123.89	123.72	123.89	-0.1
Chile	68.79	276.95	37.86	68.79	37.86	81.7
Peru	365.56	534.14	372.96	365.56	372.96	-2.0
Other**	632.53	644.86	941.80	632.53	941.80	-32.8
Europe Total	66.16	63.54	63.54	66.16	63.54	4.1
Austria	-	27.66	24.52	-	24.52	-
Croatia	63.51	-	-	63.51	-	-
Denmark (Except Greenland)	-	68.58	-	-	-	-
France	59.11	63.02	74.50	59.11	74.50	-20.7
Germany, Federal Republic of	54.57	57.42	55.78	54.57	55.78	-2.2
Greece	-	31.27	-	-	-	-
Italy	68.27	63.60	69.51	68.27	69.51	-1.8
Netherlands	65.26	56.97	58.41	65.26	58.41	11.7
Poland	68.58	60.22	161.87	68.58	161.87	-57.6
Portugal	58.97	66.03	31.80	58.97	31.80	85.4
Romania	63.50	-	-	63.50	-	-
Slovakia	2,044.35	-	-	2,044.35	-	-
Slovenia	-	-	96.61	-	96.61	-
Spain	84.81	85.64	64.05	84.81	64.05	32.4
Sweden	-	137.90	74.56	-	74.56	-
Turkey	73.07	67.91	169.90	73.07	169.90	-57.0
Ukraine	63.50	75.98	-	63.50	-	-
United Kingdom	69.79	67.79	57.31	69.79	57.31	21.8
Other**	95.26	140.75	83.63	95.26	83.63	13.9
Asia Total	56.49	55.85	53.36	56.49	53.36	5.9
China	33.99	66.28	33.24	33.99	33.24	2.3
India	62.21	62.96	59.12	62.21	59.12	5.2
Japan	75.76	62.23	70.30	75.76	70.30	7.8
Pakistan	214.40	239.69	212.95	214.40	212.95	0.7
South Korea (Republic of Korea)	41.77	37.99	41.49	41.77	41.49	0.7
Taiwan	281.17	48.83	85.95	281.17	85.95	227.1
Thailand	60.39	279.05	279.13	60.39	279.13	-78.4
United Arab Emirates	656.67	-	-	656.67	-	-
Other**	193.20	411.52	278.43	193.20	278.43	-30.6
Australia and Oceania Total	264.71	211.99	376.06	264.71	376.06	-29.6
Other**	264.71	211.99	376.06	264.71	376.06	-29.6
Africa Total	62.96	62.27	62.45	62.96	62.45	0.8
Egypt	64.35	64.56	373.68	64.35	373.68	-82.8
Morocco	62.43	61.27	62.21	62.43	62.21	0.4
Senegal	51.71	-	-	51.71	-	-
South Africa	552.79	-	553.55	552.79	553.55	-0.1
Togo	-	50.79	-	-	-	-
Other**	53.18	1,185.38	2,226.00	53.18	2,226.00	-97.6
Total	59.10	58.84	59.39	59.10	59.39	-0.5

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

- = No data reported.

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

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

Table 11. U.S. Metallurgical Coal Exports

(short tons)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	612,215	1,774,277	701,175	612,215	701,175	-12.7
Canada*	281,167	1,352,489	362,829	281,167	362,829	-22.5
Dominican Republic	-	-	51,488	-	51,488	-
Mexico	331,048	421,788	224,071	331,048	224,071	47.7
Trinidad and Tobago	-	-	62,787	-	62,787	-
South America Total	2,509,360	2,344,808	1,802,417	2,509,360	1,802,417	39.2
Argentina	265,376	211,411	104,731	265,376	104,731	153.4
Brazil	2,243,984	2,133,397	1,697,686	2,243,984	1,697,686	32.2
Europe Total	6,103,713	6,597,209	5,896,343	6,103,713	5,896,343	3.5
Austria	96,589	112,007	184,009	96,589	184,009	-47.5
Belgium	301,261	263,346	438,522	301,261	438,522	-31.3
Croatia	740,516	453,230	495,787	740,516	495,787	49.4
Finland	-	121,253	-	-	-	-
France	332,691	292,941	301,623	332,691	301,623	10.3
Germany, Federal Republic of	573,112	644,389	589,025	573,112	589,025	-2.7
Ireland	-	-	91,569	-	91,569	-
Italy	487,321	543,584	578,789	487,321	578,789	-15.8
Netherlands	1,026,523	860,654	751,017	1,026,523	751,017	36.7
Norway	16,413	19,728	20,481	16,413	20,481	-19.9
Poland	389,491	113,726	185,370	389,491	185,370	110.1
Portugal	-	-	84,797	-	84,797	-
Romania	44,911	97,237	51,159	44,911	51,159	-12.2
Slovakia	55,116	143,399	110,217	55,116	110,217	-50.0
Slovenia	38,581	115,253	-	38,581	-	-
Spain	234,181	247,021	191,126	234,181	191,126	22.5
Sweden	84,989	163,570	118,497	84,989	118,497	-28.3
Turkey	422,392	412,136	493,484	422,392	493,484	-14.4
Ukraine	906,734	1,816,755	865,732	906,734	865,732	4.7
United Kingdom	352,892	176,980	345,139	352,892	345,139	2.2
Asia Total	5,302,618	3,447,086	3,277,782	5,302,618	3,277,782	61.8
China	838,649	375,316	562,831	838,649	562,831	49.0
India	2,156,264	1,148,975	748,881	2,156,264	748,881	187.9
Japan	1,723,863	1,068,771	1,010,414	1,723,863	1,010,414	70.6
Pakistan	-	130,760	-	-	-	-
South Korea (Republic of Korea)	583,842	723,111	940,051	583,842	940,051	-37.9
Thailand	-	153	153	-	153	-
Other**	-	-	15,452	-	15,452	-
Australia and Oceania Total	-	-	47,413	-	47,413	-
Other**	-	-	47,413	-	47,413	-
Africa Total	346,840	624,890	445,815	346,840	445,815	-22.2
Egypt	-	313,519	182,610	-	182,610	-
Morocco	346,840	311,371	263,205	346,840	263,205	31.8
Total	14,874,746	14,788,270	12,170,945	14,874,746	12,170,945	22.2

* 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 2017.

-- No data reported.

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

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

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

(dollars per short ton)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	86.01	98.52	102.24	86.01	102.24	-15.9
Canada*	109.26	106.76	88.18	109.26	88.18	23.9
Dominican Republic	-	-	99.79	-	99.79	-
Mexico	66.25	72.10	138.98	66.25	138.98	-52.3
Trinidad and Tobago	-	-	54.43	-	54.43	-
South America Total	147.79	123.79	151.93	147.79	151.93	-2.7
Argentina	185.63	154.69	161.63	185.63	161.63	14.8
Brazil	143.31	120.72	151.33	143.31	151.33	-5.3
Europe Total	149.24	129.55	157.71	149.24	157.71	-5.4
Austria	189.61	151.64	248.73	189.61	248.73	-23.8
Belgium	160.49	149.51	115.38	160.49	115.38	39.1
Croatia	141.32	137.50	162.16	141.32	162.16	-12.9
Finland	-	163.61	-	-	-	-
France	157.84	115.62	182.28	157.84	182.28	-13.4
Germany, Federal Republic of	186.23	161.99	155.66	186.23	155.66	19.6
Ireland	-	-	73.48	-	73.48	-
Italy	161.85	126.43	161.50	161.85	161.50	0.2
Netherlands	98.49	112.91	98.64	98.49	98.64	-0.2
Norway	153.89	135.24	125.51	153.89	125.51	22.6
Poland	157.96	147.82	153.68	157.96	153.68	2.8
Portugal	-	-	39.19	-	39.19	-
Romania	143.60	134.04	145.72	143.60	145.72	-1.5
Slovakia	143.87	146.52	162.52	143.87	162.52	-11.5
Slovenia	63.50	76.39	-	63.50	-	-
Spain	153.96	125.79	202.14	153.96	202.14	-23.8
Sweden	182.02	141.59	165.82	182.02	165.82	9.8
Turkey	135.32	130.71	185.92	135.32	185.92	-27.2
Ukraine	171.37	119.98	206.15	171.37	206.15	-16.9
United Kingdom	157.15	133.55	127.38	157.15	127.38	23.4
Asia Total	149.52	116.69	164.39	149.52	164.39	-9.0
China	147.72	113.38	149.06	147.72	149.06	-0.9
India	149.81	111.90	224.80	149.81	224.80	-33.4
Japan	153.75	129.03	132.50	153.75	132.50	16.0
Pakistan	-	47.13	-	-	-	-
South Korea (Republic of Korea)	138.53	120.37	159.58	138.53	159.58	-13.2
Thailand	-	99.71	99.71	-	99.71	-
Other**	-	-	174.51	-	174.51	-
Australia and Oceania Total	-	-	168.28	-	168.28	-
Other**	-	-	168.28	-	168.28	-
Africa Total	64.60	69.84	88.29	64.60	88.29	-26.8
Egypt	-	76.13	109.19	-	109.19	-
Morocco	64.60	63.50	73.80	64.60	73.80	-12.5
Total	144.52	119.39	152.96	144.52	152.96	-5.5

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

-- No data reported.

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

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

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

(short tons)

Customs District	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Eastern Total	15,301,794	16,910,738	13,049,746	15,301,794	13,049,746	17.3
Baltimore, MD	5,543,880	6,487,687	4,363,897	5,543,880	4,363,897	27.0
Buffalo, NY	60,917	709,786	99,715	60,917	99,715	-38.9
New York City, NY	84,979	174,009	6,158	84,979	6,158	NM
Norfolk, VA	9,593,416	9,465,580	8,528,364	9,593,416	8,528,364	12.5
Ogdensburg, NY	9,004	63,186	9,577	9,004	9,577	-6.0
Philadelphia, PA	9,160	10,383	41,968	9,160	41,968	-78.2
Portland, ME	303	53	-	303	-	-
St. Albans, VT	135	-	67	135	67	101.5
Washington, DC	-	54	-	-	-	-
Southern Total	8,547,469	7,417,745	6,684,180	8,547,469	6,684,180	27.9
Charleston, SC	75	19	253	75	253	-70.4
Dallas/Fort Worth, TX	83	-	-	83	-	-
El Paso, TX	46,784	30,807	44,809	46,784	44,809	4.4
Houston-Galveston, TX	367,109	198,101	63,708	367,109	63,708	476.2
Laredo, TX	567,420	671,244	570,065	567,420	570,065	-0.5
Miami, FL	1,681	193	245	1,681	245	NM
Mobile, AL	3,087,575	1,836,910	2,233,856	3,087,575	2,233,856	38.2
New Orleans, LA	4,415,824	4,679,751	3,770,915	4,415,824	3,770,915	17.1
Port Arthur, TX	60,627	-	-	60,627	-	-
Savannah, GA	291	494	319	291	319	-8.8
Tampa, FL	-	226	10	-	10	-
Western Total	3,052,474	3,084,679	2,199,621	3,052,474	2,199,621	38.8
Anchorage, AK	-	1	272	-	272	-
Great Falls, MT	1,719	106	54	1,719	54	NM
Honolulu, HI	1	-	-	1	-	-
Los Angeles, CA	306,543	330,586	371,563	306,543	371,563	-17.5
Nogales, AZ	257,067	161,002	41	257,067	41	NM
Portland, OR	3	-	-	3	-	-
San Diego, CA	160	21	7	160	7	NM
San Francisco, CA	734,153	905,054	629,527	734,153	629,527	16.6
Seattle, WA	1,752,828	1,687,909	1,198,157	1,752,828	1,198,157	46.3
Northern Total	315,556	769,067	364,263	315,556	364,263	-13.4
Chicago, IL	-	-	47	-	47	-
Cleveland, OH	221,295	715,935	262,953	221,295	262,953	-15.8
Detroit, MI	22,510	51,131	31,148	22,510	31,148	-27.7
Duluth, MN	1,172	-	1,858	1,172	1,858	-36.9
Minneapolis, MN	67,682	-	62,162	67,682	62,162	8.9
Pembina, ND	2,897	2,001	6,095	2,897	6,095	-52.5
Other Ports	3,483	23,731	9,095	3,483	9,095	-61.7
Total	27,220,776	28,205,960	22,306,905	27,220,776	22,306,905	22.0

- = No data reported.

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

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

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

Table 14. Steam Coal Exports by Customs District

(short tons)

Customs District	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Eastern Total	4,105,088	5,448,752	3,675,489	4,105,088	3,675,489	11.7
Baltimore, MD	2,567,703	3,388,163	2,132,913	2,567,703	2,132,913	20.4
Buffalo, NY	2,534	32,626	3,310	2,534	3,310	-23.4
New York City, NY	84,979	174,009	6,158	84,979	6,158	NM
Norfolk, VA	1,432,430	1,788,981	1,482,244	1,432,430	1,482,244	-3.4
Ogdensburg, NY	7,865	54,483	8,829	7,865	8,829	-10.9
Philadelphia, PA	9,160	10,383	41,968	9,160	41,968	-78.2
Portland, ME	303	53	-	303	-	-
St. Albans, VT	114	-	67	114	67	70.1
Washington, DC	-	54	-	-	-	-
Southern Total	5,091,053	4,758,087	4,153,220	5,091,053	4,153,220	22.6
Charleston, SC	75	19	1	75	1	NM
El Paso, TX	46,784	30,807	44,809	46,784	44,809	4.4
Houston-Galveston, TX	367,109	198,101	63,708	367,109	63,708	476.2
Laredo, TX	557,106	670,876	538,562	557,106	538,562	3.4
Miami, FL	1,681	193	245	1,681	245	NM
Mobile, AL	78,836	112,831	12,321	78,836	12,321	NM
New Orleans, LA	3,978,694	3,744,843	3,493,513	3,978,694	3,493,513	13.9
Port Arthur, TX	60,627	-	-	60,627	-	-
Savannah, GA	141	191	51	141	51	176.5
Tampa, FL	-	226	10	-	10	-
Western Total	3,052,474	3,084,662	2,199,569	3,052,474	2,199,569	38.8
Anchorage, AK	-	1	220	-	220	-
Great Falls, MT	1,719	89	54	1,719	54	NM
Honolulu, HI	1	-	-	1	-	-
Los Angeles, CA	306,543	330,586	371,563	306,543	371,563	-17.5
Nogales, AZ	257,067	161,002	41	257,067	41	NM
Portland, OR	3	-	-	3	-	-
San Diego, CA	160	21	7	160	7	NM
San Francisco, CA	734,153	905,054	629,527	734,153	629,527	16.6
Seattle, WA	1,752,828	1,687,909	1,198,157	1,752,828	1,198,157	46.3
Northern Total	93,932	102,458	98,587	93,932	98,587	-4.7
Chicago, IL	-	-	47	-	47	-
Cleveland, OH	20	68,602	73	20	73	-72.6
Detroit, MI	22,400	31,855	28,352	22,400	28,352	-21.0
Duluth, MN	1,172	-	1,858	1,172	1,858	-36.9
Minneapolis, MN	67,682	-	62,162	67,682	62,162	8.9
Pembina, ND	2,658	2,001	6,095	2,658	6,095	-56.4
Other Ports	3,483	23,731	9,095	3,483	9,095	-61.7
Total	12,346,030	13,417,690	10,135,960	12,346,030	10,135,960	21.8

- = 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 EM 545.'

Table 15. Metallurgical Coal Exports by Customs District

(short tons)

Customs District	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Eastern Total	11,196,706	11,461,986	9,374,257	11,196,706	9,374,257	19.4
Baltimore, MD	2,976,177	3,099,524	2,230,984	2,976,177	2,230,984	33.4
Buffalo, NY	58,383	677,160	96,405	58,383	96,405	-39.4
Norfolk, VA	8,160,986	7,676,599	7,046,120	8,160,986	7,046,120	15.8
Ogdensburg, NY	1,139	8,703	748	1,139	748	52.3
St. Albans, VT	21	-	-	21	-	-
Southern Total	3,456,416	2,659,658	2,530,960	3,456,416	2,530,960	36.6
Charleston, SC	-	-	252	-	252	-
Dallas/Fort Worth, TX	83	-	-	83	-	-
Laredo, TX	10,314	368	31,503	10,314	31,503	-67.3
Mobile, AL	3,008,739	1,724,079	2,221,535	3,008,739	2,221,535	35.4
New Orleans, LA	437,130	934,908	277,402	437,130	277,402	57.6
Savannah, GA	150	303	268	150	268	-44.0
Western Total	-	17	52	-	52	-
Anchorage, AK	-	-	52	-	52	-
Great Falls, MT	-	17	-	-	-	-
Northern Total	221,624	666,609	265,676	221,624	265,676	-16.6
Cleveland, OH	221,275	647,333	262,880	221,275	262,880	-15.8
Detroit, MI	110	19,276	2,796	110	2,796	-96.1
Pembina, ND	239	-	-	239	-	-
Total	14,874,746	14,788,270	12,170,945	14,874,746	12,170,945	22.2

- = No data reported.

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

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

Table 16. U.S. Coke Exports

(short tons)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	253,455	387,738	202,158	253,455	202,158	25.4
Canada*	173,805	244,822	159,867	173,805	159,867	8.7
Mexico	79,516	142,081	42,074	79,516	42,074	89.0
Other**	134	835	217	134	217	-38.2
South America Total	21	-	20	21	20	5.0
Other**	21	-	20	21	20	5.0
Europe Total	30,035	69,855	171	30,035	171	NM
Other**	30,035	69,855	171	30,035	171	NM
Asia Total	352	126	20,993	352	20,993	-98.3
Other**	352	126	20,993	352	20,993	-98.3
Australia and Oceania Total	74	86	55	74	55	34.5
Other**	74	86	55	74	55	34.5
Africa Total	20,478	-	18,188	20,478	18,188	12.6
Other**	20,478	-	18,188	20,478	18,188	12.6
Total	304,415	457,805	241,585	304,415	241,585	26.0

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Destination	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	252.88	235.26	230.32	252.88	230.32	9.8
Canada*	242.16	219.52	207.43	242.16	207.43	16.7
Mexico	275.78	261.78	315.10	275.78	315.10	-12.5
Other**	567.07	336.67	647.20	567.07	647.20	-12.4
South America Total	501.14	-	526.20	501.14	526.20	-4.8
Other**	501.14	-	526.20	501.14	526.20	-4.8
Europe Total	240.99	151.46	481.61	240.99	481.61	-50.0
Other**	240.99	151.46	481.61	240.99	481.61	-50.0
Asia Total	670.91	892.87	144.43	670.91	144.43	364.5
Other**	670.91	892.87	144.43	670.91	144.43	364.5
Australia and Oceania Total	324.27	446.52	288.85	324.27	288.85	12.3
Other**	324.27	446.52	288.85	324.27	288.85	12.3
Africa Total	90.72	-	90.72	90.72	90.72	s
Other**	90.72	-	90.72	90.72	90.72	s
Total	241.32	222.69	212.56	241.32	212.56	13.5

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2017.

- = No data reported.

s = Absolute percentage less than 0.05.

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

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

Table 18. U.S. Coal Imports

(short tons)

Continent and Country of Origin	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	105,249	175,464	204,209	105,249	204,209	-48.5
Canada	105,103	175,442	204,185	105,103	204,185	-48.5
Mexico	146	22	24	146	24	NM
South America Total	1,032,860	879,648	1,649,786	1,032,860	1,649,786	-37.4
Colombia	1,032,860	879,451	1,649,757	1,032,860	1,649,757	-37.4
Peru	-	151	29	-	29	-
Venezuela	-	46	-	-	-	-
Europe Total	27,424	11,567	724	27,424	724	NM
Germany, Federal Republic of	17	626	724	17	724	-97.7
Netherlands	-	10,941	-	-	-	-
Russia	30	-	-	30	-	-
Ukraine	27,377	-	-	27,377	-	-
Asia Total	201,429	252,577	60,335	201,429	60,335	233.9
China	4,962	2,515	1,202	4,962	1,202	312.8
Hong Kong	-	5,512	-	-	-	-
India	-	164	270	-	270	-
Indonesia	196,457	244,386	58,863	196,457	58,863	233.8
Japan	10	-	-	10	-	-
Africa Total	-	37,829	-	-	-	-
South Africa	-	37,829	-	-	-	-
Total	1,366,962	1,357,085	1,915,054	1,366,962	1,915,054	-28.6

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Origin	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	181.62	181.33	150.26	181.62	150.26	20.9
Canada	181.51	181.32	150.23	181.51	150.23	20.8
Mexico	258.17	199.68	382.83	258.17	382.83	-32.6
South America Total	58.37	68.16	65.71	58.37	65.71	-11.2
Colombia	58.37	68.13	65.70	58.37	65.70	-11.2
Peru	-	265.01	263.90	-	263.90	-
Venezuela	-	103.33	-	-	-	-
Europe Total	107.52	183.79	77.93	107.52	77.93	38.0
Germany, Federal Republic of	132.35	74.76	77.93	132.35	77.93	69.8
Netherlands	-	190.03	-	-	-	-
Russia	190.67	-	-	190.67	-	-
Ukraine	107.41	-	-	107.41	-	-
Asia Total	76.24	73.63	68.25	76.24	68.25	11.7
China	162.88	73.22	155.91	162.88	155.91	4.5
Hong Kong	-	74.93	-	-	-	-
India	-	65.85	59.00	-	59.00	-
Indonesia	74.05	73.61	66.51	74.05	66.51	11.3
Japan	221.00	-	-	221.00	-	-
Africa Total	-	130.64	-	-	-	-
South Africa	-	130.64	-	-	-	-
U.S. Total*	71.48	86.54	74.81	71.48	74.81	-4.5

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

- = No data reported.

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

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

Table 20. Coal Imports by Customs District

(short tons)

Customs District	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Eastern Total	77,831	41,215	90,339	77,831	90,339	-13.8
Boston, MA	-	-	45,176	-	45,176	-
Buffalo, NY	134	11,180	364	134	364	-63.2
New York City, NY	17	273	44	17	44	-61.4
Portland, ME	77,680	29,762	44,755	77,680	44,755	73.6
Southern Total	987,364	895,656	1,561,307	987,364	1,561,307	-36.8
Houston-Galveston, TX	1,312	315	1,170	1,312	1,170	12.1
Laredo, TX	50	22	24	50	24	108.3
Miami, FL	33,769	-	-	33,769	-	-
Mobile, AL	713,433	393,365	383,062	713,433	383,062	86.2
New Orleans, LA	3,423	7,755	287	3,423	287	NM
San Juan, PR	141,463	46	314,395	141,463	314,395	-55.0
Tampa, FL	93,914	494,153	862,369	93,914	862,369	-89.1
Western Total	233,668	285,979	188,605	233,668	188,605	23.9
Great Falls, MT	36,380	40,363	63,560	36,380	63,560	-42.8
Honolulu, HI	196,457	244,386	124,897	196,457	124,897	57.3
Nogales, AZ	96	-	-	96	-	-
San Francisco, CA	30	-	-	30	-	-
Seattle, WA	705	1,230	148	705	148	376.4
Northern Total	68,099	134,235	74,803	68,099	74,803	-9.0
Chicago, IL	215	-	-	215	-	-
Cleveland, OH	-	626	561	-	561	-
Detroit, MI	1,447	62,580	1,036	1,447	1,036	39.7
Duluth, MN	629	102	210	629	210	199.5
Pembina, ND	65,808	70,927	72,996	65,808	72,996	-9.8
Total	1,366,962	1,357,085	1,915,054	1,366,962	1,915,054	-28.6

-- No data reported.

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

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

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

Table 21. U.S. Coke Imports

(short tons)

Continent and Country of Origin	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	217	272	949	217	949	-77.1
Canada	217	272	949	217	949	-77.1
South America Total	-	18,585	-	-	-	-
Colombia	-	18,585	-	-	-	-
Europe Total	15	443	372	15	372	-96.0
Germany, Federal Republic of	-	-	8	-	8	-
Italy	-	433	342	-	342	-
United Kingdom	15	10	22	15	22	-31.8
Asia Total	702	2,306	71	702	71	NM
China	48	1,482	4	48	4	NM
Indonesia	28	24	67	28	67	-58.2
Japan	626	800	-	626	-	-
Africa Total	3,308	3,478	-	3,308	-	-
South Africa	3,308	3,478	-	3,308	-	-
U.S. Total	4,242	25,084	1,392	4,242	1,392	204.7

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and Country of Origin	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
North America Total	148.18	150.93	167.50	148.18	167.50	-11.5
Canada	148.18	150.93	167.50	148.18	167.50	-11.5
South America Total	-	150.02	-	-	-	-
Colombia	-	150.02	-	-	-	-
Europe Total	806.67	307.19	321.51	806.67	321.51	150.9
Germany, Federal Republic of	-	-	617.50	-	617.50	-
Italy	-	293.49	285.56	-	285.56	-
United Kingdom	806.67	900.00	772.73	806.67	772.73	4.4
Asia Total	378.05	304.62	977.13	378.05	977.13	-61.3
China	707.71	276.43	2,507.50	707.71	2,507.50	-71.8
Indonesia	1,159.46	1,603.50	885.76	1,159.46	885.76	30.9
Japan	317.82	317.86	-	317.82	-	-
Africa Total	387.68	267.40	-	387.68	-	-
South Africa	387.68	267.40	-	387.68	-	-
U.S. Total	375.32	183.29	249.95	375.32	249.95	50.2

- = No data reported.

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

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

Receipts and Prices

Table 23. Coal Receipts at Coke Plants by Census Division

(thousand short tons)

Census Division	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	1,274	1,531	1,185	1,274	1,185	7.5
East North Central	2,032	2,293	2,007	2,032	2,007	1.2
South Atlantic	418	424	407	418	407	2.8
East South Central	327	287	340	327	340	-3.8
U.S. Total	4,052	4,535	3,939	4,052	3,939	2.9

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 Industrial, Commercial & Institutional Coal Users.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

(dollars per short ton)

Census Division	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	w	w	w	w	w	w
East North Central	137.07	191.25	133.45	137.07	133.45	2.7
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	126.91	151.91	122.32	126.91	122.32	3.8

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons and dollars per short ton)

Commodity	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Coke						
Sales	1,648	1,627	1,505	1,648	1,505	9.5
Average Price	307.93	293.25	282.80	307.93	282.80	8.9
Breeze						
Sales	102	146	97	102	97	5.8
Average Price	81.75	80.57	82.05	81.75	82.05	-0.4

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

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

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

(thousand short tons)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
New England	9	6	7	9	7	30.9
Maine	9	5	6	9	6	57.5
Massachusetts	1	1	2	1	2	-65.6
Middle Atlantic	238	239	299	238	299	-20.6
New York	89	83	83	89	83	7.6
Pennsylvania	149	157	217	149	217	-31.3
East North Central	1,419	1,520	1,603	1,419	1,603	-11.5
Illinois	597	576	671	597	671	-11.1
Indiana	356	443	455	356	455	-21.7
Michigan	122	143	144	122	144	-15.7
Ohio	139	143	124	139	124	11.8
Wisconsin	205	214	208	205	208	-1.6
West North Central	3,135	3,230	3,161	3,135	3,161	-0.8
Iowa	603	597	604	603	604	s
Kansas	27	26	25	27	25	7.0
Minnesota	272	344	366	272	366	-25.6
Missouri	201	191	191	201	191	5.1
Nebraska	322	307	287	322	287	12.2
North Dakota	1,666	1,716	1,630	1,666	1,630	2.2
South Dakota	44	49	58	44	58	-24.2
South Atlantic	730	767	740	730	740	-1.3
Florida	129	147	121	129	121	6.9
Georgia	107	75	90	107	90	18.4
Maryland	112	150	122	112	122	-7.8
North Carolina	116	112	130	116	130	-10.2
South Carolina	43	64	69	43	69	-36.8
Virginia	132	125	132	132	132	s
West Virginia	91	96	78	91	78	17.1
East South Central	784	659	878	784	878	-10.7
Alabama	231	210	224	231	224	3.4
Kentucky	180	192	233	180	233	-22.8
Tennessee	373	257	421	373	421	-11.5
West South Central	337	362	383	337	383	-11.9
Arkansas	57	46	62	57	62	-7.4
Louisiana	58	57	61	58	61	-5.0
Oklahoma	112	102	122	112	122	-8.0
Texas	110	157	138	110	138	-20.4
Mountain	831	891	731	831	731	13.7
Arizona	74	57	49	74	49	50.1
Colorado	78	78	62	78	62	26.6
Idaho	18	16	17	18	17	8.4
Montana	66	99	69	66	69	-5.1
Nevada	68	67	59	68	59	14.1
New Mexico	15	22	15	15	15	-5.3
Utah	88	119	72	88	72	23.5
Wyoming	424	434	387	424	387	9.5
Pacific	376	415	345	376	345	8.9
Alaska	s	s	s	s	s	s
California	346	377	321	346	321	8.1
Oregon	15	19	-	15	-	-
Washington	14	19	25	14	25	-42.0
U.S. Total	7,859	8,090	8,147	7,859	8,147	-3.5

- = 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 Industrial, Commercial & Institutional Coal Users' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.'

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

(dollars per short ton)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
New England	w	w	w	w	w	w
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
Middle Atlantic	82.95	92.05	76.15	82.95	76.15	8.9
New York	w	120.54	w	w	w	w
Pennsylvania	w	76.79	w	w	w	w
East North Central	73.41	73.56	69.04	73.41	69.04	6.3
Illinois	45.59	w	41.87	w	w	w
Indiana	98.45	w	93.00	w	w	w
Michigan	91.38	91.07	78.49	91.38	78.49	16.4
Ohio	99.43	100.08	103.85	99.43	103.85	-4.3
Wisconsin	82.54	81.29	76.88	82.54	76.88	7.4
West North Central	28.26	27.86	30.77	28.26	30.77	-8.2
Iowa	40.83	40.20	44.84	40.83	44.84	-8.9
Kansas	w	w	w	w	w	w
Minnesota	48.40	46.85	48.81	48.40	48.81	-0.8
Missouri	47.14	51.76	54.42	47.14	54.42	-13.4
Nebraska	26.43	26.72	30.76	26.43	30.76	-14.1
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	101.85	94.91	93.96	101.85	93.96	8.4
Florida	w	w	w	w	w	w
Georgia	100.03	95.32	95.57	100.03	95.57	4.7
Maryland	w	w	w	w	w	w
North Carolina	96.96	94.14	92.75	96.96	92.75	4.5
South Carolina	106.08	97.41	94.84	106.08	94.84	11.9
Virginia	90.29	89.12	94.83	90.29	94.83	-4.8
West Virginia	173.09	155.23	155.39	173.09	155.39	11.4
East South Central	86.68	85.22	88.75	86.68	88.75	-2.3
Alabama	97.40	w	91.41	w	w	w
Kentucky	91.18	87.11	95.59	91.18	95.59	-4.6
Tennessee	77.99	w	83.59	w	w	w
West South Central	69.55	67.85	62.42	69.55	62.42	11.4
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	64.25	w	w	w	w
Texas	86.68	73.96	67.45	86.68	67.45	28.5
Mountain	51.46	52.19	50.11	51.46	50.11	2.7
Arizona	w	w	w	w	w	w
Colorado	44.07	40.30	46.77	44.07	46.77	-5.8
Idaho	w	152.98	w	w	w	w
Montana	33.20	33.42	30.09	33.20	30.09	10.3
Nevada	74.94	73.52	70.70	74.94	70.70	6.0
New Mexico	w	w	w	w	w	w
Utah	52.67	52.77	52.51	52.67	52.51	0.3
Wyoming	43.74	45.46	44.83	43.74	44.83	-2.4
Pacific	80.20	81.91	86.13	80.20	86.13	-6.9
California	83.07	84.21	w	83.07	w	w
Oregon	w	w	-	w	-	-
Washington	w	w	w	w	w	w
U.S. Total	57.49	56.64	57.54	57.49	57.54	-0.1

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(thousand short tons)

NAICS Code	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
311 Food Manufacturing	1,960	2,010	2,098	1,960	2,098	-6.6
312 Beverage and Tobacco Product Mfg.	6	4	9	6	9	-34.7
313 Textile Mills	33	22	38	33	38	-13.8
322 Paper Manufacturing	767	706	829	767	829	-7.5
324 Petroleum and Coal Products*	1,573	1,595	1,595	1,573	1,595	-1.4
325 Chemical Manufacturing	965	817	967	965	967	-0.3
327 Nonmetallic Mineral Products Mfg.	1,786	2,044	1,749	1,786	1,749	2.1
331 Primary Metal Manufacturing**	443	547	493	443	493	-10.1
333 Machinery Manufacturing	10	3	5	10	5	76.2
339 Miscellaneous Manufacturing	318	342	364	318	364	-12.5
U.S. Total	7,859	8,090	8,147	7,859	8,147	-3.5

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(dollars per short ton)

NAICS Code	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
311 Food Manufacturing	41.50	42.16	43.09	41.50	43.09	-3.7
312 Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313 Textile Mills	112.75	112.67	105.93	112.75	105.93	6.4
322 Paper Manufacturing	80.80	81.57	77.56	80.80	77.56	4.2
324 Petroleum and Coal Products*	w	w	w	w	w	w
325 Chemical Manufacturing	70.02	65.51	76.17	70.02	76.17	-8.1
327 Nonmetallic Mineral Products Mfg.	75.99	74.33	74.48	75.99	74.48	2.0
331 Primary Metal Manufacturing**	130.29	120.26	113.46	130.29	113.46	14.8
333 Machinery Manufacturing	w	w	w	w	w	w
339 Miscellaneous Manufacturing	52.41	52.52	55.17	52.41	55.17	-5.0
U.S. Total	57.49	56.64	57.54	57.49	57.54	-0.1

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(thousand short tons)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	10	9	14	10	14	-31.1
Pennsylvania	10	9	14	10	14	-31.1
East North Central	73	48	57	73	57	29.4
Illinois	45	27	32	45	32	39.7
Indiana	13	16	10	13	10	28.9
Wisconsin	15	5	14	15	14	5.7
West North Central	60	56	83	60	83	-27.4
Iowa	24	25	36	24	36	-32.7
Minnesota	2	1	6	2	6	-73.7
Missouri	6	6	13	6	13	-57.5
North Dakota	29	23	27	29	27	4.3
South Atlantic	32	39	38	32	38	-14.7
North Carolina	23	26	29	23	29	-18.5
Virginia	9	12	9	9	9	-2.6
East South Central	4	2	3	4	3	24.0
Kentucky	4	2	3	4	3	24.0
Mountain	5	6	6	5	6	-16.0
Colorado	-	1	s	-	s	-
Montana	s	1	1	s	1	-74.6
Wyoming	5	4	6	5	6	-5.3
Pacific	135	106	143	135	143	-5.7
Alaska	135	106	143	135	143	-5.7
U.S. Total	319	264	344	319	344	-7.1

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(dollars per short ton)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	111.01	121.96	119.41	111.01	119.41	-7.0
Pennsylvania	111.01	121.96	119.41	111.01	119.41	-7.0
East North Central	77.75	67.68	80.82	77.75	80.82	-3.8
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Wisconsin	154.57	152.59	154.44	154.57	154.44	0.1
West North Central	73.41	73.69	75.63	73.41	75.63	-2.9
Iowa	w	w	w	w	w	w
Minnesota	w	w	w	w	w	w
Missouri	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Atlantic	108.45	106.34	100.75	108.45	100.75	7.6
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
Kentucky	w	w	w	w	w	w
Mountain	w	w	w	w	w	w
Colorado	-	w	w	w	w	-
Montana	w	w	w	w	w	w
Wyoming	w	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	83.29	82.54	83.80	83.29	83.80	-0.6

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

Consumption

Table 32. U.S. Coal Consumption by End-Use Sector, 2012 - 2018

(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	
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	152,744	4,124	3,954	5,177	9,131	225	224	448	166,448
April - June	147,491	4,096	3,496	4,986	8,482	128	81	209	160,278
July - September	210,512	4,163	3,771	4,713	8,483	145	55	200	223,358
October - December	167,807	4,102	3,499	5,253	8,752	185	141	326	180,987
Total	678,554	16,485	14,720	20,129	34,849	683	500	1,183	731,071
2017									
January - March	160,339	4,236	3,550	4,985	8,535	178	194	373	173,482
April - June	154,202	4,325	3,260	4,852	8,112	126	77	203	166,842
July - September	190,614	4,491	3,142	5,455	8,597	149	46	195	203,898
October - December	159,595	4,485	3,472	4,900	8,372	154	136	290	172,742
Total	664,749	17,538	13,424	20,192	33,616	607	454	1,061	716,964
2018									
January - March	154,969	4,228	3,571	4,613	8,184	173	181	354	167,735
Total	154,969	4,228	3,571	4,613	8,184	173	181	354	167,735
2017 January - March	160,339	4,236	3,550	4,985	8,535	178	194	373	173,482
2016 January - March	152,744	4,124	3,954	5,177	9,131	225	224	448	166,448

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

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

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

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

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

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

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

Table 33. Coal Carbonized at Coke Plants by Census Division

(thousand short tons)

Census Division	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	1,235	1,380	1,303	1,235	1,303	-5.2
East North Central	2,284	2,363	2,220	2,284	2,220	2.9
South Atlantic	400	405	388	400	388	3.0
East South Central	309	337	325	309	325	-4.8
U.S. Total	4,228	4,485	4,236	4,228	4,236	-0.2

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

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

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

(thousand short tons)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
New England	9	6	7	9	7	35.9
Maine	8	5	5	8	5	55.4
Massachusetts	1	1	1	1	1	-35.2
Middle Atlantic	231	247	308	231	308	-25.1
New York	80	87	90	80	90	-11.5
Pennsylvania	151	160	218	151	218	-30.7
East North Central	1,522	1,602	1,731	1,522	1,731	-12.1
Illinois	583	572	673	583	673	-13.4
Indiana	361	466	497	361	497	-27.5
Michigan	188	184	170	188	170	10.6
Ohio	139	146	125	139	125	11.0
Wisconsin	252	235	266	252	266	-5.2
West North Central	3,325	3,371	3,287	3,325	3,287	1.1
Iowa	622	621	618	622	618	0.6
Kansas	19	33	22	19	22	-12.6
Minnesota	401	363	419	401	419	-4.2
Missouri	200	201	201	200	201	-0.7
Nebraska	307	327	294	307	294	4.4
North Dakota	1,721	1,764	1,680	1,721	1,680	2.5
South Dakota	54	62	54	54	54	1.0
South Atlantic	720	736	765	720	765	-5.9
Florida	122	123	134	122	134	-9.2
Georgia	106	89	89	106	89	20.0
Maryland	110	150	123	110	123	-10.3
North Carolina	115	108	137	115	137	-16.3
South Carolina	57	55	64	57	64	-11.3
Virginia	131	122	148	131	148	-11.2
West Virginia	78	89	70	78	70	11.7
East South Central	789	730	873	789	873	-9.6
Alabama	225	255	245	225	245	-8.1
Kentucky	180	191	217	180	217	-17.1
Tennessee	384	283	411	384	411	-6.5
West South Central	347	358	398	347	398	-12.8
Arkansas	47	50	51	47	51	-7.4
Louisiana	61	56	67	61	67	-8.1
Oklahoma	107	111	131	107	131	-18.4
Texas	132	140	150	132	150	-12.0
Mountain	850	887	808	850	808	5.1
Arizona	69	61	55	69	55	25.5
Colorado	52	71	60	52	60	-12.3
Idaho	55	36	41	55	41	34.5
Montana	75	92	88	75	88	-14.5
Nevada	72	64	70	72	70	3.8
New Mexico	14	21	16	14	16	-12.9
Utah	81	111	84	81	84	-3.3
Wyoming	431	433	395	431	395	9.1
Pacific	391	434	357	391	357	9.4
Alaska	s	s	s	s	s	s
California	345	390	339	345	339	1.7
Oregon	27	27	-	27	-	-
Washington	19	17	18	19	18	1.4
U.S. Total	8,184	8,372	8,535	8,184	8,535	-4.1

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users' and Form EIA-7A, 'Annual Survey of Coal Production and Preparation.'

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

(thousand short tons)

NAICS Code	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
311 Food Manufacturing	2,073	2,060	2,170	2,073	2,170	-4.5
312 Beverage and Tobacco Product Mfg.	6	4	8	6	8	-19.9
313 Textile Mills	32	23	36	32	36	-11.4
322 Paper Manufacturing	806	746	864	806	864	-6.7
324 Petroleum and Coal Products*	1,570	1,611	1,587	1,570	1,587	-1.1
325 Chemical Manufacturing	962	849	972	962	972	-1.0
327 Nonmetallic Mineral Products Mfg.	1,861	2,095	1,903	1,861	1,903	-2.2
331 Primary Metal Manufacturing**	534	587	597	534	597	-10.7
333 Machinery Manufacturing	10	35	19	10	19	-48.9
336 Transportation Equipment Mfg.	2	1	2	2	2	54.5
339 Miscellaneous Manufacturing	328	361	377	328	377	-13.0
U.S. Total	8,184	8,372	8,535	8,184	8,535	-4.1

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(thousand short tons)

Census Division and State	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic	11	6	14	11	14	-27.4
Pennsylvania	11	6	14	11	14	-27.4
East North Central	76	47	58	76	58	32.6
Illinois	45	23	30	45	30	50.5
Indiana	16	19	12	16	12	35.1
Ohio	-	-	1	-	1	-
Wisconsin	15	5	15	15	15	2.1
West North Central	69	53	85	69	85	-18.0
Iowa	29	25	36	29	36	-18.5
Minnesota	5	3	5	5	5	-2.5
Missouri	6	6	15	6	15	-57.8
North Dakota	29	19	29	29	29	0.4
South Atlantic	51	40	57	51	57	-11.0
District of Columbia	1	s	1	1	1	40.5
North Carolina	32	29	37	32	37	-13.8
Virginia	18	11	19	18	19	-8.1
East South Central	4	2	6	4	6	-30.4
Kentucky	4	2	6	4	6	-30.4
Mountain	7	5	7	7	7	8.7
Montana	2	1	1	2	1	85.0
Wyoming	5	4	6	5	6	-5.3
Pacific	135	136	146	135	146	-7.5
Alaska	135	136	146	135	146	-7.5
U.S. Total	354	290	373	354	373	-5.1

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

Stocks

Table 37. U.S. Coal Stocks, 2012 - 2018

(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			
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	191,553	1,914	3,956	332	197,755	35,207	232,962
June 30	182,086	1,802	3,834	337	188,060	32,932	220,992
September 30	156,567	1,660	3,720	370	162,318	27,282	189,600
December 31	162,009	1,675	3,637	360	167,681	25,309	192,990
2017							
March 31	161,690	1,388	3,236	335	166,649	25,190*	191,839
June 30	157,719	1,626	3,295	329	162,969	23,430*	186,399
September 30	139,315	1,670	3,487	337	144,808	21,984*	166,792
December 31	137,155	1,718	3,240	310	142,423	21,108*	163,531
2018							
March 31	126,398	1,508	2,892	275	131,073	23,884*	154,957

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

2 Manufacturing plants only.

* Estimated.

- = No data reported.

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

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

Table 38. Coal Stocks at Coke Plants by Census Division

(thousand short tons)

Census Division	March 31, 2018	December 31, 2017	March 31, 2017	Percent Change (March 31) 2018 versus 2017
Middle Atlantic	389	355	201	93.9
East North Central	775	1,042	820	-5.4
South Atlantic	179	177	149	19.9
East South Central	165	145	218	-24.4
U.S. Total	1,508	1,718	1,388	8.7

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

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

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

(thousand short tons)

Census Division and State	March 31, 2018	December 31, 2017	March 31, 2017	Percent Change (March 31) 2018 versus 2017
New England	5	5	5	-6.7
Maine	1	s	1	-19.0
Massachusetts	4	4	4	-3.6
Middle Atlantic	237	231	292	-19.0
New York	88	78	139	-37.1
Pennsylvania	149	152	153	-2.5
East North Central	546	653	692	-21.0
Illinois	128	114	141	-9.4
Indiana	204	212	239	-14.7
Michigan	129	195	216	-40.3
Ohio	22	23	26	-14.9
Wisconsin	63	110	69	-8.8
West North Central	507	692	565	-10.3
Iowa	125	144	113	11.0
Kansas	37	29	45	-16.9
Minnesota	57	186	105	-45.1
Missouri	70	65	62	12.8
Nebraska	68	53	59	14.0
North Dakota	136	192	164	-16.7
South Dakota	13	23	18	-26.0
South Atlantic	365	372	344	6.2
Florida	77	72	34	123.9
Georgia	57	55	78	-27.1
Maryland	15	13	13	15.0
North Carolina	36	35	19	90.0
South Carolina	54	68	72	-24.2
Virginia	58	69	73	-21.0
West Virginia	68	60	55	23.9
East South Central	164	167	241	-31.8
Alabama	80	71	90	-10.9
Kentucky	22	23	43	-50.1
Tennessee	63	74	108	-41.7
West South Central	400	413	443	-9.7
Arkansas	41	31	47	-12.5
Louisiana	8	5	6	32.9
Oklahoma	118	113	119	-0.9
Texas	232	264	270	-14.0
Mountain	530	554	479	10.7
Arizona	32	27	46	-31.1
Colorado	44	19	55	-20.0
Idaho	234	266	252	-7.1
Montana	38	56	25	50.3
Nevada	25	30	17	43.4
New Mexico	4	3	4	4.0
Utah	66	59	33	101.2
Wyoming	87	94	46	87.6
Pacific	138	154	176	-21.5
California	126	125	133	-5.8
Oregon	11	23	34	-69.2
Washington	2	6	8	-78.3
U.S. Total	2,892	3,240	3,236	-10.6

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(thousand short tons)

NAICS Code	March 31, 2018	December 31, 2017	March 31, 2017	Percent Change (March 31) 2018 versus 2017
311 Food Manufacturing	585	708	691	-15.3
312 Beverage and Tobacco Product Mfg.	3	3	5	-38.8
313 Textile Mills	14	13	16	-12.1
322 Paper Manufacturing	311	350	334	-7.0
324 Petroleum and Coal Products*	180	178	179	0.2
325 Chemical Manufacturing	298	296	325	-8.3
327 Nonmetallic Mineral Products Mfg.	1,173	1,270	1,287	-8.9
331 Primary Metal Manufacturing**	221	313	282	-21.6
333 Machinery Manufacturing	25	22	31	-18.7
336 Transportation Equipment Mfg.	s	2	4	-100.0
339 Miscellaneous Manufacturing	83	86	82	0.8
U.S. Total	2,892	3,240	3,236	-10.6

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

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

(thousand short tons)

Census Division	March 31, 2018	December 31, 2017	March 31, 2017	Percent Change (March 31) 2018 versus 2017
Middle Atlantic	33	93	83	-61.0
East North Central	319	421	401	-20.4
South Atlantic	92	85	91	0.8
East South Central	100	101	95	4.7
U.S. Total	543	700	670	-19.0
Coke Total	405	558	448	-9.6
Breeze Total	138	142	222	-37.9

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 Industrial, Commercial & Institutional Coal Users.' Prior to third quarter 2014, coke plant data was collected under Form EIA-5, 'Quarterly Coal Consumption and Quality Report - Coke Plants.'

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

(thousand short tons)

Census Division and State	March 31, 2018	December 31, 2017	March 31, 2017	Percent Change (March 31) 2018 versus 2017
Middle Atlantic	41	42	39	4.6
Pennsylvania	41	42	39	4.6
East North Central	48	51	62	-22.5
Illinois	23	23	23	1.7
Indiana	18	21	32	-44.1
Ohio	5	5	5	-1.2
Wisconsin	2	3	2	-9.8
West North Central	36	48	61	-40.2
Iowa	20	28	35	-42.1
Minnesota	4	7	12	-68.9
Missouri	1	1	1	5.8
North Dakota	12	12	13	-11.3
South Atlantic	34	48	43	-21.6
District of Columbia	3	4	3	13.1
North Carolina	22	26	25	-13.3
Virginia	9	18	16	-40.5
East South Central	7	8	9	-21.7
Kentucky	7	8	9	-19.5
Tennessee	-	-	s	-100.0
Mountain	1	3	3	-57.9
Colorado	1	1	1	34.4
Montana	s	2	2	-85.6
Wyoming	s	s	s	s
Pacific	108	110	118	-8.5
Alaska	108	110	118	-8.5
U.S. Total	275	310	335	-17.7

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'

Quality

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

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
New England						
Btu	12,698	12,661	12,560	12,698	12,560	1.1
Sulfur	0.79	0.83	0.84	0.79	0.84	-5.5
Ash	7.42	7.96	8.79	7.42	8.79	-15.7
Maine						
Btu	12,712	12,714	12,619	12,712	12,619	0.7
Sulfur	0.77	0.67	0.79	0.77	0.79	-2.5
Ash	7.15	7.11	8.31	7.15	8.31	-14.0
Massachusetts						
Btu	12,465	12,479	12,344	12,465	12,344	1.0
Sulfur	1.19	1.37	1.02	1.19	1.02	16.7
Ash	11.83	10.84	10.55	11.83	10.55	12.1
Middle Atlantic						
Btu	14,000	13,996	13,774	14,000	13,774	1.6
Sulfur	1.13	1.13	1.10	1.13	1.10	2.6
Ash	8.23	8.07	8.83	8.23	8.83	-6.7
New York						
Btu	13,332	13,345	13,320	13,332	13,320	0.1
Sulfur	1.84	1.65	1.47	1.84	1.47	25.2
Ash	7.94	6.95	7.22	7.94	7.22	10.0
Pennsylvania						
Btu	14,055	14,038	13,811	14,055	13,811	1.8
Sulfur	1.07	1.10	1.07	1.07	1.07	-0.1
Ash	8.26	8.15	8.96	8.26	8.96	-7.8
East North Central						
Btu	13,209	13,338	13,076	13,209	13,076	1.0
Sulfur	1.15	1.24	1.19	1.15	1.19	-3.2
Ash	7.17	7.31	7.27	7.17	7.27	-1.4
Illinois						
Btu	11,324	11,758	11,396	11,324	11,396	-0.6
Sulfur	1.89	2.42	2.09	1.89	2.09	-9.7
Ash	7.36	7.66	7.44	7.36	7.44	-1.0
Indiana						
Btu	14,099	13,887	14,041	14,099	14,041	0.4
Sulfur	0.81	0.89	0.85	0.81	0.85	-4.9
Ash	7.10	7.27	7.19	7.10	7.19	-1.3
Michigan						
Btu	13,390	14,123	12,467	13,390	12,467	7.4
Sulfur	1.08	0.78	0.67	1.08	0.67	59.7
Ash	7.38	7.11	8.49	7.38	8.49	-13.1
Ohio						
Btu	14,104	14,078	14,034	14,104	14,034	0.5
Sulfur	1.00	1.01	0.98	1.00	0.98	1.9
Ash	7.21	7.25	7.23	7.21	7.23	-0.2
Wisconsin						
Btu	10,740	10,770	10,367	10,740	10,367	3.6
Sulfur	1.00	0.94	0.78	1.00	0.78	28.1
Ash	6.42	6.90	6.09	6.42	6.09	5.4
West North Central						
Btu	8,212	8,255	8,251	8,212	8,251	-0.5
Sulfur	0.82	0.78	0.82	0.82	0.82	-0.7
Ash	6.28	6.20	6.12	6.28	6.12	2.5
Iowa						
Btu	9,127	9,154	9,154	9,127	9,154	-0.3
Sulfur	0.76	0.76	0.76	0.76	0.76	0.4
Ash	5.10	5.18	5.09	5.10	5.09	0.3
Kansas						
Btu	10,717	10,954	10,711	10,717	10,711	0.1
Sulfur	1.98	1.83	1.82	1.98	1.82	8.8
Ash	13.10	10.59	9.75	13.10	9.75	34.3

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Minnesota						
Btu	9,215	9,097	9,258	9,215	9,258	-0.5
Sulfur	0.33	0.30	0.34	0.33	0.34	-1.3
Ash	4.26	4.53	4.51	4.26	4.51	-5.4
Missouri						
Btu	11,443	11,549	11,210	11,443	11,210	2.1
Sulfur	2.34	2.29	2.03	2.34	2.03	15.2
Ash	8.94	8.87	8.69	8.94	8.69	2.9
Nebraska						
Btu	8,865	8,861	8,795	8,865	8,795	0.8
Sulfur	0.23	0.23	0.23	0.23	0.23	1.9
Ash	4.70	4.93	4.62	4.70	4.62	1.7
North Dakota						
Btu	7,159	7,256	7,205	7,159	7,205	-0.6
Sulfur	0.84	0.81	0.91	0.84	0.91	-8.6
Ash	6.90	6.73	6.77	6.90	6.77	2.0
South Dakota						
Btu	8,247	8,313	8,392	8,247	8,392	-1.7
Sulfur	0.58	0.57	0.59	0.58	0.59	-1.2
Ash	6.79	6.67	6.60	6.79	6.60	2.9
South Atlantic						
Btu	13,470	13,332	13,434	13,470	13,434	0.3
Sulfur	1.02	1.19	1.09	1.02	1.09	-6.8
Ash	9.18	9.59	9.22	9.18	9.22	-0.4
Florida						
Btu	12,756	12,471	12,719	12,756	12,719	0.3
Sulfur	0.87	1.13	1.06	0.87	1.06	-17.8
Ash	10.39	8.90	8.17	10.39	8.17	27.2
Georgia						
Btu	12,615	12,803	12,528	12,615	12,528	0.7
Sulfur	0.91	1.02	0.96	0.91	0.96	-5.3
Ash	9.02	8.79	10.16	9.02	10.16	-11.2
Maryland						
Btu	11,214	10,927	10,867	11,214	10,867	3.2
Sulfur	1.84	1.86	1.84	1.84	1.84	0.1
Ash	22.54	24.13	22.86	22.54	22.86	-1.4
North Carolina						
Btu	13,442	13,607	13,747	13,442	13,747	-2.2
Sulfur	0.93	0.94	0.94	0.93	0.94	-1.6
Ash	7.70	7.03	6.79	7.70	6.79	13.5
South Carolina						
Btu	14,065	13,206	13,435	14,065	13,435	4.7
Sulfur	0.97	1.53	1.05	0.97	1.05	-7.8
Ash	4.27	7.65	9.55	4.27	9.55	-55.3
Virginia						
Btu	14,129	14,142	14,151	14,129	14,151	-0.2
Sulfur	0.84	0.86	0.94	0.84	0.94	-10.8
Ash	7.37	7.13	7.15	7.37	7.15	3.0
West Virginia						
Btu	14,114	14,089	14,166	14,114	14,166	-0.4
Sulfur	1.14	1.39	1.13	1.14	1.13	1.0
Ash	6.87	6.99	6.82	6.87	6.82	0.7
East South Central						
Btu	13,442	13,578	13,505	13,442	13,505	-0.5
Sulfur	1.16	1.08	1.15	1.16	1.15	1.2
Ash	7.21	7.54	7.09	7.21	7.09	1.7
Alabama						
Btu	13,859	13,881	13,916	13,859	13,916	-0.4
Sulfur	1.07	1.11	0.96	1.07	0.96	12.0
Ash	6.94	7.31	6.93	6.94	6.93	0.3
Kentucky						
Btu	13,016	13,451	13,157	13,016	13,157	-1.1
Sulfur	1.00	1.09	0.99	1.00	0.99	1.0
Ash	7.00	7.73	6.98	7.00	6.98	0.2

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Tennessee						
Btu	13,034	13,090	13,153	13,034	13,153	-0.9
Sulfur	1.37	1.01	1.49	1.37	1.49	-7.8
Ash	7.71	7.86	7.37	7.71	7.37	4.7
West South Central						
Btu	9,551	9,929	9,583	9,551	9,583	-0.3
Sulfur	0.59	0.57	0.57	0.59	0.57	2.2
Ash	8.04	8.61	7.88	8.04	7.88	2.0
Arkansas						
Btu	11,650	11,529	12,046	11,650	12,046	-3.3
Sulfur	1.32	1.31	1.14	1.32	1.14	15.7
Ash	10.50	12.09	9.22	10.50	9.22	13.8
Louisiana						
Btu	7,827	8,214	7,343	7,827	7,343	6.6
Sulfur	0.64	0.64	0.69	0.64	0.69	-7.6
Ash	6.66	6.87	6.85	6.66	6.85	-2.8
Oklahoma						
Btu	9,341	9,642	9,226	9,341	9,226	1.2
Sulfur	0.26	0.31	0.27	0.26	0.27	-0.2
Ash	4.90	5.43	4.62	4.90	4.62	5.9
Texas						
Btu	9,593	10,274	9,795	9,593	9,795	-2.1
Sulfur	0.51	0.51	0.54	0.51	0.54	-6.4
Ash	10.69	10.29	10.60	10.69	10.60	0.9
Mountain						
Btu	10,438	10,339	10,138	10,438	10,138	3.0
Sulfur	0.62	0.58	0.49	0.62	0.49	27.7
Ash	7.17	7.16	6.94	7.17	6.94	3.3
Arizona						
Btu	11,533	11,714	11,653	11,533	11,653	-1.0
Sulfur	0.66	0.60	0.59	0.66	0.59	12.3
Ash	11.26	11.36	10.87	11.26	10.87	3.6
Colorado						
Btu	10,816	10,721	10,617	10,816	10,617	1.9
Sulfur	0.46	0.50	0.43	0.46	0.43	5.6
Ash	8.46	8.62	7.70	8.46	7.70	9.8
Idaho						
Btu	11,332	11,914	11,038	11,332	11,038	2.7
Sulfur	0.53	0.57	0.50	0.53	0.50	7.4
Ash	10.20	9.94	11.06	10.20	11.06	-7.7
Montana						
Btu	9,055	8,634	8,542	9,055	8,542	6.0
Sulfur	0.37	0.33	0.35	0.37	0.35	6.1
Ash	6.08	5.53	5.60	6.08	5.60	8.6
Nevada						
Btu	11,719	11,497	10,955	11,719	10,955	7.0
Sulfur	0.49	0.52	0.48	0.49	0.48	2.3
Ash	9.38	8.97	8.40	9.38	8.40	11.6
New Mexico						
Btu	12,201	12,277	12,247	12,201	12,247	-0.4
Sulfur	0.77	0.74	0.70	0.77	0.70	10.0
Ash	10.87	10.83	9.78	10.87	9.78	11.1
Utah						
Btu	11,396	11,432	11,430	11,396	11,430	-0.3
Sulfur	0.52	0.53	0.77	0.52	0.77	-32.3
Ash	10.90	10.81	11.43	10.90	11.43	-4.7
Wyoming						
Btu	9,889	9,847	9,667	9,889	9,667	2.3
Sulfur	0.72	0.67	0.44	0.72	0.44	62.4
Ash	4.99	5.15	5.21	4.99	5.21	-4.2
Pacific						
Btu	11,474	11,417	11,254	11,474	11,254	2.0
Sulfur	0.52	0.58	0.52	0.52	0.52	-0.1
Ash	10.58	11.13	11.16	10.58	11.16	-5.2

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
California						
Btu	11,547	11,501	11,401	11,547	11,401	1.3
Sulfur	0.53	0.60	0.54	0.53	0.54	-1.8
Ash	10.89	11.51	11.67	10.89	11.67	-6.7
Oregon						
Btu	11,667	11,795	-	11,667	-	-
Sulfur	0.54	0.53	-	0.54	-	-
Ash	9.85	9.80	-	9.85	-	-
Washington						
Btu	9,510	9,328	9,347	9,510	9,347	1.7
Sulfur	0.34	0.33	0.32	0.34	0.32	6.3
Ash	3.76	4.70	4.48	3.76	4.48	-16.1
U.S. Total						
Btu	11,686	11,772	11,634	11,686	11,634	0.4
Sulfur	0.97	1.00	0.99	0.97	0.99	-1.2
Ash	7.40	7.51	7.44	7.40	7.44	-0.5

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

- = No data reported.

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

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

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Middle Atlantic						
Btu	12,996	13,107	13,038	12,996	13,038	-0.3
Sulfur	0.85	0.78	0.75	0.85	0.75	12.2
Ash	6.92	7.31	8.73	6.92	8.73	-20.7
Pennsylvania						
Btu	12,996	13,107	13,038	12,996	13,038	-0.3
Sulfur	0.85	0.78	0.75	0.85	0.75	12.2
Ash	6.92	7.31	8.73	6.92	8.73	-20.7
East North Central						
Btu	11,705	11,638	11,773	11,705	11,773	-0.6
Sulfur	2.50	2.65	2.40	2.50	2.40	4.1
Ash	8.83	9.10	8.93	8.83	8.93	-1.2
Illinois						
Btu	11,328	11,533	11,216	11,328	11,216	1.0
Sulfur	3.12	3.23	3.14	3.12	3.14	-0.6
Ash	9.21	9.37	9.32	9.21	9.32	-1.1
Indiana						
Btu	11,150	11,219	11,376	11,150	11,376	-2.0
Sulfur	2.26	2.30	2.25	2.26	2.25	0.5
Ash	8.83	9.12	9.45	8.83	9.45	-6.6
Wisconsin						
Btu	13,375	13,375	13,375	13,375	13,375	s
Sulfur	0.78	0.78	0.78	0.78	0.78	s
Ash	7.65	7.65	7.65	7.65	7.65	s
West North Central						
Btu	9,958	10,331	10,315	9,958	10,315	-3.5
Sulfur	1.69	1.88	1.91	1.69	1.91	-11.8
Ash	9.61	8.69	8.53	9.61	8.53	12.7
Iowa						
Btu	11,392	11,655	11,397	11,392	11,397	s
Sulfur	2.72	2.88	2.76	2.72	2.76	-1.2
Ash	8.73	8.32	8.55	8.73	8.55	2.1
Minnesota						
Btu	9,299	9,308	8,797	9,299	8,797	5.7
Sulfur	0.37	0.33	0.27	0.37	0.27	36.5
Ash	4.54	4.67	5.90	4.54	5.90	-23.0
Missouri						
Btu	11,372	11,405	11,399	11,372	11,399	-0.2
Sulfur	3.13	3.00	2.99	3.13	2.99	4.7
Ash	8.69	8.66	8.49	8.69	8.49	2.4
North Dakota						
Btu	8,482	8,671	8,673	8,482	8,673	-2.2
Sulfur	0.58	0.60	0.62	0.58	0.62	-6.1
Ash	10.83	9.35	9.09	10.83	9.09	19.1
South Atlantic						
Btu	13,122	12,936	13,144	13,122	13,144	-0.2
Sulfur	1.65	1.52	1.44	1.65	1.44	14.4
Ash	8.57	9.09	9.13	8.57	9.13	-6.2
District of Columbia						
North Carolina						
Btu	12,922	12,892	13,216	12,922	13,216	-2.2
Sulfur	1.98	1.85	1.65	1.98	1.65	19.6
Ash	9.52	9.87	9.46	9.52	9.46	0.6
Virginia						
Btu	13,652	13,026	12,916	13,652	12,916	5.7
Sulfur	0.78	0.82	0.77	0.78	0.77	1.2
Ash	6.05	7.46	8.10	6.05	8.10	-25.3
East South Central						
Btu	13,670	13,293	13,161	13,670	13,161	3.9
Sulfur	0.78	0.78	0.77	0.78	0.77	1.3

Census Division and State ¹	January - March 2018	October - December 2017	January - March 2017	Year to Date		Percent Change
				2018	2017	
Ash	4.86	6.66	5.59	4.86	5.59	-13.1
Kentucky						
Btu	13,670	13,293	13,161	13,670	13,161	3.9
Sulfur	0.78	0.78	0.77	0.78	0.77	1.3
Ash	4.86	6.66	5.59	4.86	5.59	-13.1
Mountain						
Btu	11,645	11,504	11,283	11,645	11,283	3.2
Sulfur	0.46	0.44	0.45	0.46	0.45	2.8
Ash	9.85	9.96	10.53	9.85	10.53	-6.5
Colorado						
Btu	-	11,881	11,447	-	11,447	-
Sulfur	-	0.45	0.45	-	0.45	-
Ash	-	10.66	10.69	-	10.69	-
Montana						
Btu	10,616	10,511	10,440	10,616	10,440	1.7
Sulfur	0.39	0.37	0.48	0.39	0.48	-18.8
Ash	8.42	6.94	7.07	8.42	7.07	19.1
Wyoming						
Btu	11,685	11,676	11,399	11,685	11,399	2.5
Sulfur	0.46	0.46	0.44	0.46	0.44	4.5
Ash	9.90	10.53	11.02	9.90	11.02	-10.2
Pacific						
Btu	7,536	7,541	7,445	7,536	7,445	1.2
Sulfur	0.12	0.15	0.13	0.12	0.13	-7.8
Ash	5.49	4.81	7.53	5.49	7.53	-27.1
Alaska						
Btu	7,536	7,541	7,445	7,536	7,445	1.2
Sulfur	0.12	0.15	0.13	0.12	0.13	-7.8
Ash	5.49	4.81	7.53	5.49	7.53	-27.1
U.S. Total						
Btu	9,818	9,965	9,826	9,818	9,826	-0.1
Sulfur	1.15	1.20	1.11	1.15	1.11	3.2
Ash	7.45	7.23	8.27	7.45	8.27	-9.8

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 Industrial, Commercial & Institutional Coal Users.'