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Preface

EIA publishes this report to fulfill data collection and dissemination responsibilities under the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended.

The *Quarterly Coal Report* (QCR) provides information about U.S. coal production, exports, imports, receipts, prices, consumption, quality, stocks, and refined coal data to a wide audience, including Congress, federal and state agencies, the coal industry, and the general public. In addition, the QCR offers U.S. coke production, consumption, stocks, imports, and exports data. The first-quarter 2020 QCR includes detailed quarterly coal data for January 2020–March 2020 and aggregated quarterly historical coal data for 2014 through first-quarter 2020.

All data for 2018 and previous years are final. All data for 2019 and 2020 are preliminary.

Table of Contents

Contacts	ii
Preface	iii
Tables	v
Production	1
Exports and imports.....	5
Receipts and prices	28
Consumption.....	38
Stocks	45
Quality	51

Table of Figures

Table ES–1 U.S. coal summary statistics, 2014–2020	viii
Table ES–2 U.S. coke summary statistics, 2014–2020	x
Table ES–3 Summary statistics for coal refining plants, 2014–2020	xi
Table 1 U.S. coal production, 2014–2020	2
Table 2 Coal production by state	3
Table 3 Coke and breeze production at coke plants.....	4
Table 4 U.S. coal exports and imports, 2014–2020	6
Table 5 Average price of U.S. coal exports and imports, 2014–2020	6
Table 6 Quantity and average price of U.S. coal imports by origin, 2014–2020.....	7
Table 7 U.S. coal exports.....	8
Table 8 Average price of U.S. coal exports.....	10
Table 9 U.S. steam coal exports.....	12
Table 10 Average price of U.S. steam coal exports.....	14
Table 11 U.S. metallurgical coal exports.....	16
Table 12 Average price of U.S. metallurgical coal exports.....	17
Table 13 U.S. coal exports by customs district.....	18
Table 14 Steam coal exports by customs district.....	19
Table 15 Metallurgical coal exports by customs district.....	20
Table 16 U.S. coke exports.....	21
Table 17 Average price of U.S. coke exports	22
Table 18 U.S. coal imports	23
Table 19 Average price of U.S. coal imports	24

Table 20 Coal imports by customs district	25
Table 21 U.S. coke imports	26
Table 22 Average price of U.S. coke imports	27
Table 23 Coal receipts at coke plants by census division.....	29
Table 24 Average price of coal received at coke plants by census division	29
Table 25 Open market sales and average price of coke and breeze	30
Table 26 Coal receipts at other industrial plants by census division and state	31
Table 27 Average price of coal receipts at other industrial plants by census division and state	33
Table 28 U.S. coal receipts at manufacturing plants by North American Industry Classification System (NAICS) code	35
Table 29 Average price of U.S. coal receipts at manufacturing plants by North American Industry Classification (NAICS) code	35
Table 30 Coal receipts at commercial and institutional users by census division and state	36
Table 31 Average price of coal receipts at commercial and institutional users by census division and state	37
Table 32 U.S. coal consumption by end–use sector, 2014–2020	39
Table 33 Coal carbonized at coke plants by census division.....	40
Table 34 Coal consumption at other industrial plants by census division and state	41
Table 35 U.S. coal consumption at manufacturing plants by North American Industry Classification System (NAICS) code	43
Table 36 Coal consumption at commercial and institutional users by census division and state	44
Table 37 U.S. coal stocks, 2014–2020.....	46
Table 38 Coal stocks at coke plants by census division	47
Table 39 Coal stocks at other industrial plants by census division and state	48
Table 40 U.S. coal stocks at manufacturing plants by North American Industry Classification System (NAICS) code	49

Table 41 Coke and breeze stocks at coke plants by census division49

Table 42 Coke stocks at commercial and institutional users by census division and state50

Table 43 Average quality of coal received at manufacturing and coke plants by census division and state52

Table 44 Average quality of coal received at commercial and institutional users by census division and state56

Table ES-1. U.S. coal summary statistics, 2014 - 2020

(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
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	197,138	1,915	2,918	25,190	173,712	22,307	166,774	-
April - June	187,098	2,197	2,123	23,430	166,866	21,796	163,264	-
July - September	196,440	2,308	2,609	23,430	203,482	24,644	145,060	-
October - December	193,933	1,357	2,301	23,999	172,796	28,206	142,957	-
Total	774,609	7,777	9,951		716,856	96,953		4,562
2018								
January - March	187,743	1,367	2,996	24,736	168,149	27,221	130,682	-
April - June	180,829	1,546	2,122	22,997	156,607	30,876	125,809	-
July - September	194,731	1,439	2,695	22,537	194,219	29,067	105,478	-
October - December	192,863	1,602	2,618	21,692	169,131	28,469	108,104	-
Total	756,167	5,954	10,431		688,105	115,632		5,975
2019								
January - March	179,536	1,689	2,723	23,158*	157,857	25,210	102,160	-
April - June	179,176	1,604	2,264	21,878*	129,854	25,315	123,193	-
July - September	181,356	1,681	2,195	23,073*	167,792	21,918	116,815	-
October - December	165,191	1,723	2,082	24,438*	131,841	20,408	134,334	-
Total	705,259	6,697	9,264		587,344	92,852		12,048
2020								
January - March	149,052	1,339	1,845	24,947*	109,245	19,977	150,839	-
Total	149,052	1,339	1,845		109,245	19,977		6,001
2019 January - March	179,536	1,689	2,723		157,857	25,210		-
2018 January - March	187,743	1,367	2,996		168,149	27,221		-

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, 2014 - 2020

(thousand short tons)

Year and quarter	Production	Imports	Producer and distributor stocks ¹	Consumption ²	Exports
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
April - June	3,479	68	440	3,225	286
July - September	3,564	10	396	3,412	206
October - December	3,545	35	354	3,268	354
Total	13,806	117		12,976	1,151
2019					
January - March	3,323	6	361	3,131	190
April - June	3,495	40	430	3,245	222
July - September	3,363	30	435	3,146	242
October - December	3,284	40	475	2,970	313
Total	13,464	116		12,492	967
2020					
January - March	3,244	6	528	3,008	188
Total	3,244	6		3,008	188
2019 January - March	3,323	6		3,131	190
2018 January - March	3,219	4		3,072	304

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, 2014 - 2020

(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			
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	15,073	17,625	3,186	35,884	35.69	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
April - June	15,458	14,820	4,959	35,236	37.01	33,989	33,989
July - September	19,199	18,761	4,302	42,262	36.51	41,867	41,867
October - December	18,144	19,317	3,951	41,412	36.45	38,320	38,320
Total	67,710	69,299	17,228	154,237	36.71	161,148	161,148
2019							
January - March	17,083	15,688	3,660	36,431	36.41	36,210	36,210
April - June	14,789	25,509	4,580	44,878	34.99	40,809	40,809
July - September	20,057	28,731	5,655	54,443	33.69	53,059	53,059
October - December	15,968	24,780	5,419	46,168	30.86	43,499	43,499
Total	67,898	94,708	19,314	181,920	33.84	173,576	173,576
2020							
January - March	14,856	20,026	6,160	41,041	32.28	39,303	39,303
Total	14,856	20,026	6,160	41,041	32.28	39,303	39,303

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, 2014 - 2020

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
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	197,138	187,098	196,440	193,933	774,609
2018	187,743	180,829	194,731	192,863	756,167
2019	179,536	179,176	181,356	165,191	705,259
2020	149,052	-	-	-	149,052

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Alabama	3,220	2,985	3,823	3,220	3,823	-15.8
Alaska	289	243	252	289	252	14.8
Arizona	-	-	1,503	-	1,503	-
Colorado	2,649	2,866	3,486	2,649	3,486	-24.0
Illinois	8,971	9,073	13,011	8,971	13,011	-31.0
Indiana	5,897	7,107	8,898	5,897	8,898	-33.7
Kentucky Total	7,192	7,707	9,994	7,192	9,994	-28.0
Eastern (Kentucky)	2,366	2,676	3,880	2,366	3,880	-39.0
Western (Kentucky)	4,826	5,032	6,114	4,826	6,114	-21.1
Louisiana	423	328	232	423	232	82.0
Maryland	314	352	380	314	380	-17.2
Mississippi	560	593	596	560	596	-6.0
Missouri	43	41	50	43	50	-13.4
Montana	7,784	8,334	7,082	7,784	7,082	9.9
New Mexico	3,148	3,393	3,728	3,148	3,728	-15.6
North Dakota	7,186	6,996	7,200	7,186	7,200	-0.2
Ohio	1,249	1,635	1,940	1,249	1,940	-35.6
Oklahoma	1	47	64	1	64	-98.8
Pennsylvania Total	11,130	12,488	12,495	11,130	12,495	-10.9
Anthracite (Pennsylvania)	656	766	521	656	521	26.1
Bituminous (Pennsylvania)	10,474	11,722	11,975	10,474	11,975	-12.5
Tennessee	92	111	71	92	71	29.4
Texas	5,022	5,351	6,447	5,022	6,447	-22.1
Utah	3,521	3,173	4,158	3,521	4,158	-15.3
Virginia	3,101	2,785	3,126	3,101	3,126	-0.8
West Virginia Total	18,141	21,003	23,771	18,141	23,771	-23.7
Northern (West Virginia)	8,903	11,017	12,155	8,903	12,155	-26.8
Southern (West Virginia)	9,238	9,986	11,616	9,238	11,616	-20.5
Wyoming	59,034	68,495	67,127	59,034	67,127	-12.1
Appalachia Total	39,612	44,035	49,485	39,612	49,485	-20.0
Appalachia Central	14,797	15,558	18,692	14,797	18,692	-20.8
Appalachia Northern	21,596	25,492	26,970	21,596	26,970	-19.9
Appalachia Southern	3,220	2,985	3,823	3,220	3,823	-15.8
Interior Region Total	25,743	27,571	35,412	25,743	35,412	-27.3
Illinois Basin	19,694	21,212	28,024	19,694	28,024	-29.7
Interior	6,049	6,359	7,388	6,049	7,388	-18.1
Western Region Total	83,612	93,500	94,537	83,612	94,537	-11.6
Powder River Basin	62,637	72,336	70,415	62,637	70,415	-11.0
Uinta Region	5,910	5,787	7,461	5,910	7,461	-20.8
Western	15,064	15,377	16,661	15,064	16,661	-9.6
East of Mississippi River	59,866	65,840	78,105	59,866	78,105	-23.4
West of Mississippi River	89,101	99,266	101,329	89,101	101,329	-12.1
U.S. Subtotal	148,967	165,106	179,434	148,967	179,434	-17.0
Refuse recovery	85	85	102	85	102	-17.1
U.S. Total	149,052	165,191	179,536	149,052	179,536	-17.0

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

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

Table 3. Coke and breeze production at coke plants

(thousand short tons)

Census division	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	875	930	1,016	875	1,016	-13.8
East North Central	1,937	1,973	1,924	1,937	1,924	0.7
South Atlantic	354	350	336	354	336	5.2
East South Central	233	204	216	233	216	7.8
U.S. Total	3,399	3,457	3,493	3,399	3,493	-2.7
Coke Total	3,244	3,284	3,323	3,244	3,323	-2.4
Breeze Total	155	173	170	155	170	-8.9

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.'

Exports and imports

Table 4. U.S. coal exports and imports, 2014 - 2020

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	30,876	1,546	29,067	1,439	28,469	1,602	115,632	5,954
2019	25,210	1,689	25,315	1,604	21,918	1,681	20,408	1,723	92,852	6,697
2020	19,977	1,339	-	-	-	-	-	-	19,977	1,339

- = 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, 2014 - 2020

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	103.26	82.95	99.30	91.02	108.58	83.07	104.17	82.30
2019	110.36	78.43	112.20	84.78	104.43	81.65	93.94	75.66	105.85	80.04
2020	90.54	69.46	-	-	-	-	-	-	90.54	69.46

- = 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, 2014 - 2020

(short tons and dollars per short ton)

Year and quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other countries	Total
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	700	891,734	6,086,612	699,453	6,474	46	92,153	7,777,172
2018	-	770,359	4,060,581	915,188	28,624	-	179,398	5,954,150
2019								
January - March	-	146,411	1,305,247	198,104	5,037	-	34,000	1,688,799
April - June	-	233,037	1,147,247	187,599	10,533	-	25,336	1,603,752
July - September	-	215,753	1,249,816	133,890	7,511	-	74,304	1,681,274
October - December	-	221,989	1,330,632	135,805	31,634	-	3,162	1,723,222
U.S. Total	-	817,190	5,032,942	655,398	54,715	-	136,802	6,697,047
2020								
January - March	-	60,571	995,831	183,403	45,731	-	53,525	1,339,061
U.S. Total	-	60,571	995,831	183,403	45,731	-	53,525	1,339,061

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

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	74.89	189.83	64.44	64.11	97.33	103.33	132.12	79.62
2018	-	191.25	61.26	75.42	132.01	-	117.88	82.30
2019								
January - March	-	190.57	65.86	62.20	77.31	-	172.73	78.43
April - June	-	195.79	64.32	62.15	172.54	-	121.19	84.78
July - September	-	192.93	60.76	59.79	76.33	-	149.84	81.65
October - December	-	159.83	60.28	88.27	78.38	-	69.61	75.66
U.S. Total	-	184.33	62.76	67.10	96.13	-	148.37	80.04
2020								
January - March	-	132.73	61.66	62.88	89.14	-	148.68	69.46
U.S. Total	-	132.73	61.66	62.88	89.14	-	148.68	69.46

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	1,030,864	2,576,101	1,686,914	1,030,864	1,686,914	-38.9
Canada*	202,662	1,566,174	213,404	202,662	213,404	-5.0
Dominican Republic	514,373	256,342	231,647	514,373	231,647	122.1
Guatemala	14,731	-	129,448	14,731	129,448	-88.6
Honduras	-	37,540	43,913	-	43,913	-
Jamaica	21,930	-	33,202	21,930	33,202	-33.9
Mexico	216,298	539,345	913,949	216,298	913,949	-76.3
Trinidad and Tobago	60,731	176,517	121,256	60,731	121,256	-49.9
Other**	139	183	95	139	95	46.3
South America Total	2,375,678	1,968,772	2,414,714	2,375,678	2,414,714	-1.6
Argentina	103,986	143,896	84,037	103,986	84,037	23.7
Brazil	2,270,780	1,770,518	1,996,182	2,270,780	1,996,182	13.8
Chile	245	53,913	333,089	245	333,089	-99.9
Colombia	20	146	249	20	249	-92.0
Other**	647	299	1,157	647	1,157	-44.1
Europe Total	6,014,472	7,436,488	9,371,344	6,014,472	9,371,344	-35.8
Austria	471,662	334,939	677,268	471,662	677,268	-30.4
Belgium	98,135	151,688	131,469	98,135	131,469	-25.4
Croatia	368,011	348,970	574,776	368,011	574,776	-36.0
Finland	133,110	189,693	-	133,110	-	-
France	355,196	272,156	378,938	355,196	378,938	-6.3
Germany, Federal Republic of	206,498	443,128	533,910	206,498	533,910	-61.3
Greece	-	-	83,940	-	83,940	-
Italy	454,406	806,708	850,989	454,406	850,989	-46.6
Netherlands	1,462,882	2,077,423	3,180,818	1,462,882	3,180,818	-54.0
Poland	197,202	374,429	412,095	197,202	412,095	-52.1
Portugal	-	-	351,348	-	351,348	-
Romania	35,120	148,420	77,162	35,120	77,162	-54.5
Slovakia	62,428	-	11,042	62,428	11,042	465.4
Slovenia	-	-	59,778	-	59,778	-
Spain	128,363	86,611	252,751	128,363	252,751	-49.2
Sweden	70,459	144,568	147,029	70,459	147,029	-52.1
Turkey	482,047	630,593	249,291	482,047	249,291	93.4
Ukraine	1,121,940	1,225,082	868,700	1,121,940	868,700	29.2
United Kingdom	354,027	194,087	522,397	354,027	522,397	-32.2
Other**	12,986	7,993	7,643	12,986	7,643	69.9
Asia Total	10,122,560	6,728,597	9,167,411	10,122,560	9,167,411	10.4
China	448,981	319,340	435,735	448,981	435,735	3.0
India	4,771,769	2,541,471	4,388,111	4,771,769	4,388,111	8.7
Japan	1,631,670	2,443,021	2,692,944	1,631,670	2,692,944	-39.4
South Korea (Republic of Korea)	2,914,261	1,353,248	1,647,005	2,914,261	1,647,005	76.9
United Arab Emirates	25	66,730	22	25	22	13.6
Other**	355,854	4,787	3,594	355,854	3,594	NM
Australia and Oceania Total	201	19	1,083	201	1,083	-81.4
Other**	201	19	1,083	201	1,083	-81.4
Africa Total	432,755	1,698,333	2,568,536	432,755	2,568,536	-83.2
Egypt	181,221	965,203	1,137,596	181,221	1,137,596	-84.1
Ghana	-	23,038	-	-	-	-
Morocco	195,721	582,508	1,332,910	195,721	1,332,910	-85.3
Senegal	-	45,745	-	-	-	-
South Africa	21	-	-	21	-	-
Togo	-	51,287	98,030	-	98,030	-
Other**	55,792	30,552	-	55,792	-	-
Total	19,976,530	20,408,310	25,210,002	19,976,530	25,210,002	-20.8

* 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 2019.

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	84.70	97.29	67.50	84.70	67.50	25.5
Canada*	96.66	113.06	81.81	96.66	81.81	18.2
Dominican Republic	90.66	94.10	88.15	90.66	88.15	2.8
Guatemala	50.70	-	70.21	50.70	70.21	-27.8
Honduras	-	61.47	63.90	-	63.90	-
Jamaica	63.50	-	88.95	63.50	88.95	-28.6
Mexico	54.97	59.99	45.93	54.97	45.93	19.7
Trinidad and Tobago	115.58	83.36	157.87	115.58	157.87	-26.8
Other**	329.73	320.47	157.91	329.73	157.91	108.8
South America Total	104.72	111.70	134.74	104.72	134.74	-22.3
Argentina	101.05	93.38	173.84	101.05	173.84	-41.9
Brazil	104.78	114.98	145.13	104.78	145.13	-27.8
Chile	390.70	47.13	61.36	390.70	61.36	NM
Colombia	520.00	836.98	289.63	520.00	289.63	79.5
Other**	370.11	782.29	458.23	370.11	458.23	-19.2
Europe Total	112.72	101.06	125.45	112.72	125.45	-10.1
Austria	128.08	122.78	183.45	128.08	183.45	-30.2
Belgium	138.15	146.91	183.58	138.15	183.58	-24.7
Croatia	115.92	137.12	172.13	115.92	172.13	-32.7
Finland	116.03	147.32	-	116.03	-	-
France	118.83	118.76	154.02	118.83	154.02	-22.8
Germany, Federal Republic of	73.64	67.73	86.26	73.64	86.26	-14.6
Greece	-	-	62.85	-	62.85	-
Italy	104.56	89.42	112.84	104.56	112.84	-7.3
Netherlands	96.69	89.13	100.11	96.69	100.11	-3.4
Poland	120.79	91.93	126.80	120.79	126.80	-4.7
Portugal	-	-	90.14	-	90.14	-
Romania	100.79	72.70	160.70	100.79	160.70	-37.3
Slovakia	127.59	-	133.91	127.59	133.91	-4.7
Slovenia	-	-	70.76	-	70.76	-
Spain	148.77	130.24	134.82	148.77	134.82	10.3
Sweden	123.42	116.69	156.55	123.42	156.55	-21.2
Turkey	114.85	98.80	124.48	114.85	124.48	-7.7
Ukraine	116.84	107.26	180.16	116.84	180.16	-35.1
United Kingdom	134.46	126.66	107.93	134.46	107.93	24.6
Other**	181.20	130.89	147.89	181.20	147.89	22.5
Asia Total	75.91	86.68	108.72	75.91	108.72	-30.2
China	106.82	109.45	109.27	106.82	109.27	-2.2
India	74.41	85.04	102.50	74.41	102.50	-27.4
Japan	99.72	99.85	132.47	99.72	132.47	-24.7
South Korea (Republic of Korea)	62.08	62.41	86.25	62.08	86.25	-28.0
United Arab Emirates	599.12	41.77	251.14	599.12	251.14	138.6
Other**	61.12	204.86	137.15	61.12	137.15	-55.4
Australia and Oceania Total	341.90	444.63	142.71	341.90	142.71	139.6
Other**	341.90	444.63	142.71	341.90	142.71	139.6
Africa Total	60.46	65.84	66.41	60.46	66.41	-9.0
Egypt	47.47	66.55	69.93	47.47	69.93	-32.1
Ghana	-	63.50	-	-	-	-
Morocco	71.17	65.15	63.18	71.17	63.18	12.6
Senegal	-	63.50	-	-	-	-
South Africa	3,324.10	-	-	3,324.10	-	-
Togo	-	63.50	69.46	-	69.46	-
Other**	63.90	65.32	-	63.90	-	-
Total	90.54	93.94	110.36	90.54	110.36	-18.0

* 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 2019.

- = No data reported.

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

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

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

Table 9. U.S. steam coal exports

(short tons)

Continent and country of destination	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	892,247	953,314	1,408,432	892,247	1,408,432	-36.6
Canada*	125,660	249,667	179,792	125,660	179,792	-30.1
Dominican Republic	514,373	120,593	163,304	514,373	163,304	215.0
Guatemala	14,731	-	129,448	14,731	129,448	-88.6
Honduras	-	37,540	43,913	-	43,913	-
Jamaica	21,930	-	33,202	21,930	33,202	-33.9
Mexico	215,310	429,441	858,676	215,310	858,676	-74.9
Trinidad and Tobago	104	115,890	2	104	2	NM
Other**	139	183	95	139	95	46.3
South America Total	207,313	109,056	498,938	207,313	498,938	-58.4
Argentina	17,493	45,581	-	17,493	-	-
Brazil	188,908	9,117	164,443	188,908	164,443	14.9
Chile	245	53,913	333,089	245	333,089	-99.9
Colombia	20	146	249	20	249	-92.0
Other**	647	299	1,157	647	1,157	-44.1
Europe Total	662,232	2,112,313	2,995,867	662,232	2,995,867	-77.9
Austria	3	-	20	3	20	-85.0
Belgium	29	16,469	-	29	-	-
France	-	11,420	-	-	-	-
Germany, Federal Republic of	169,945	169,909	379,032	169,945	379,032	-55.2
Greece	-	-	83,940	-	83,940	-
Italy	151	325,578	287,847	151	287,847	-99.9
Netherlands	479,740	986,106	1,392,407	479,740	1,392,407	-65.5
Poland	-	159,184	80,750	-	80,750	-
Portugal	-	-	260,407	-	260,407	-
Romania	10,746	36,069	-	10,746	-	-
Slovakia	13	-	19	13	19	-31.6
Slovenia	-	-	59,778	-	59,778	-
Spain	1,162	1,225	112,059	1,162	112,059	-99.0
Turkey	203	130,682	84,444	203	84,444	-99.8
Ukraine	-	275,402	-	-	-	-
United Kingdom	56	104	254,662	56	254,662	-100.0
Other**	184	165	502	184	502	-63.3
Asia Total	6,113,942	3,439,449	4,788,121	6,113,942	4,788,121	27.7
China	341	993	1,425	341	1,425	-76.1
India	3,492,722	1,459,463	3,003,943	3,492,722	3,003,943	16.3
Japan	451,868	1,034,175	1,017,926	451,868	1,017,926	-55.6
South Korea (Republic of Korea)	1,813,250	873,401	761,311	1,813,250	761,311	138.2
United Arab Emirates	25	66,730	22	25	22	13.6
Other**	355,736	4,687	3,494	355,736	3,494	NM
Australia and Oceania Total	201	19	1,083	201	1,083	-81.4
Other**	201	19	1,083	201	1,083	-81.4
Africa Total	432,755	1,157,650	1,653,999	432,755	1,653,999	-73.8
Egypt	181,221	824,166	996,656	181,221	996,656	-81.8
Ghana	-	23,038	-	-	-	-
Morocco	195,721	182,862	559,313	195,721	559,313	-65.0
Senegal	-	45,745	-	-	-	-
South Africa	21	-	-	21	-	-
Togo	-	51,287	98,030	-	98,030	-
Other**	55,792	30,552	-	55,792	-	-
Total	8,308,690	7,771,801	11,346,440	8,308,690	11,346,440	-26.8

* 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 2019.

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	80.51	62.64	52.37	80.51	52.37	53.7
Canada*	89.37	86.78	72.42	89.37	72.42	23.4
Dominican Republic	90.66	77.47	79.49	90.66	79.49	14.1
Guatemala	50.70	-	70.21	50.70	70.21	-27.8
Honduras	-	61.47	63.90	-	63.90	-
Jamaica	63.50	-	88.95	63.50	88.95	-28.6
Mexico	54.52	43.29	38.31	54.52	38.31	42.3
Trinidad and Tobago	489.61	66.84	1,400.00	489.61	1,400.00	-65.0
Other**	329.73	320.47	157.91	329.73	157.91	108.8
South America Total	62.76	74.14	76.02	62.76	76.02	-17.4
Argentina	61.86	80.74	-	61.86	-	-
Brazil	61.31	165.41	102.70	61.31	102.70	-40.3
Chile	390.70	47.13	61.36	390.70	61.36	NM
Colombia	520.00	836.98	289.63	520.00	289.63	79.5
Other**	370.11	782.29	458.23	370.11	458.23	-19.2
Europe Total	60.60	57.36	68.31	60.60	68.31	-11.3
Austria	1,597.67	-	518.60	1,597.67	518.60	208.1
Belgium	349.59	90.72	-	349.59	-	-
France	-	90.72	-	-	-	-
Germany, Federal Republic of	69.96	38.74	76.03	69.96	76.03	-8.0
Greece	-	-	62.85	-	62.85	-
Italy	555.89	78.80	63.61	555.89	63.61	NM
Netherlands	55.43	54.58	62.96	55.43	62.96	-12.0
Poland	-	48.38	59.01	-	59.01	-
Portugal	-	-	97.86	-	97.86	-
Romania	90.72	63.50	-	90.72	-	-
Slovakia	2,446.15	-	2,489.42	2,446.15	2,489.42	-1.7
Slovenia	-	-	70.76	-	70.76	-
Spain	293.44	280.46	93.00	293.44	93.00	215.5
Turkey	532.00	77.45	63.78	532.00	63.78	NM
Ukraine	-	43.75	-	-	-	-
United Kingdom	1,016.41	416.69	55.79	1,016.41	55.79	NM
Other**	192.93	99.53	81.47	192.93	81.47	136.8
Asia Total	53.19	56.69	74.03	53.19	74.03	-28.2
China	349.06	298.68	233.65	349.06	233.65	49.4
India	62.80	60.59	80.69	62.80	80.69	-22.2
Japan	52.99	72.26	85.53	52.99	85.53	-38.0
South Korea (Republic of Korea)	33.10	31.80	31.75	33.10	31.75	4.3
United Arab Emirates	599.12	41.77	251.14	599.12	251.14	138.6
Other**	61.09	205.98	136.71	61.09	136.71	-55.3
Australia and Oceania Total	341.90	444.63	142.71	341.90	142.71	139.6
Other**	341.90	444.63	142.71	341.90	142.71	139.6
Africa Total	60.46	62.63	63.73	60.46	63.73	-5.1
Egypt	47.47	62.39	63.40	47.47	63.40	-25.1
Ghana	-	63.50	-	-	-	-
Morocco	71.17	62.70	63.32	71.17	63.32	12.4
Senegal	-	63.50	-	-	-	-
South Africa	3,324.10	-	-	3,324.10	-	-
Togo	-	63.50	69.46	-	69.46	-
Other**	63.90	65.32	-	63.90	-	-
Total	57.34	58.73	68.42	57.34	68.42	-16.2

* 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 2019.

- = No data reported.

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

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

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

Table 11. U.S. metallurgical coal exports

(short tons)

Continent and country of destination	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	138,617	1,622,787	278,482	138,617	278,482	-50.2
Canada*	77,002	1,316,507	33,612	77,002	33,612	129.1
Dominican Republic	-	135,749	68,343	-	68,343	-
Mexico	988	109,904	55,273	988	55,273	-98.2
Trinidad and Tobago	60,627	60,627	121,254	60,627	121,254	-50.0
South America Total	2,168,365	1,859,716	1,915,776	2,168,365	1,915,776	13.2
Argentina	86,493	98,315	84,037	86,493	84,037	2.9
Brazil	2,081,872	1,761,401	1,831,739	2,081,872	1,831,739	13.7
Europe Total	5,352,240	5,324,175	6,375,477	5,352,240	6,375,477	-16.0
Austria	471,659	334,939	677,248	471,659	677,248	-30.4
Belgium	98,106	135,219	131,469	98,106	131,469	-25.4
Croatia	368,011	348,970	574,776	368,011	574,776	-36.0
Finland	133,110	189,693	-	133,110	-	-
France	355,196	260,736	378,938	355,196	378,938	-6.3
Germany, Federal Republic of	36,553	273,219	154,878	36,553	154,878	-76.4
Italy	454,255	481,130	563,142	454,255	563,142	-19.3
Netherlands	983,142	1,091,317	1,788,411	983,142	1,788,411	-45.0
Poland	197,202	215,245	331,345	197,202	331,345	-40.5
Portugal	-	-	90,941	-	90,941	-
Romania	24,374	112,351	77,162	24,374	77,162	-68.4
Slovakia	62,415	-	11,023	62,415	11,023	466.2
Spain	127,201	85,386	140,692	127,201	140,692	-9.6
Sweden	70,459	144,568	147,029	70,459	147,029	-52.1
Turkey	481,844	499,911	164,847	481,844	164,847	192.3
Ukraine	1,121,940	949,680	868,700	1,121,940	868,700	29.2
United Kingdom	353,971	193,983	267,735	353,971	267,735	32.2
Other**	12,802	7,828	7,141	12,802	7,141	79.3
Asia Total	4,008,618	3,289,148	4,379,290	4,008,618	4,379,290	-8.5
China	448,640	318,347	434,310	448,640	434,310	3.3
India	1,279,047	1,082,008	1,384,168	1,279,047	1,384,168	-7.6
Japan	1,179,802	1,408,846	1,675,018	1,179,802	1,675,018	-29.6
South Korea (Republic of Korea)	1,101,011	479,847	885,694	1,101,011	885,694	24.3
Other**	118	100	100	118	100	18.0
Africa Total	-	540,683	914,537	-	914,537	-
Egypt	-	141,037	140,940	-	140,940	-
Morocco	-	399,646	773,597	-	773,597	-
Total	11,667,840	12,636,509	13,863,562	11,667,840	13,863,562	-15.8

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2019.

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	111.67	117.65	143.99	111.67	143.99	-22.4
Canada*	108.55	118.05	132.02	108.55	132.02	-17.8
Dominican Republic	-	108.86	108.86	-	108.86	-
Mexico	155.07	125.22	164.28	155.07	164.28	-5.6
Trinidad and Tobago	114.94	114.94	157.85	114.94	157.85	-27.2
South America Total	108.73	113.90	150.03	108.73	150.03	-27.5
Argentina	108.97	99.24	173.84	108.97	173.84	-37.3
Brazil	108.72	114.72	148.94	108.72	148.94	-27.0
Europe Total	119.17	118.40	152.30	119.17	152.30	-21.8
Austria	128.07	122.78	183.44	128.07	183.44	-30.2
Belgium	138.09	153.75	183.58	138.09	183.58	-24.8
Croatia	115.92	137.12	172.13	115.92	172.13	-32.7
Finland	116.03	147.32	-	116.03	-	-
France	118.83	119.99	154.02	118.83	154.02	-22.8
Germany, Federal Republic of	90.72	85.75	111.30	90.72	111.30	-18.5
Italy	104.41	96.60	138.00	104.41	138.00	-24.3
Netherlands	116.83	120.34	129.03	116.83	129.03	-9.5
Poland	120.79	124.15	143.32	120.79	143.32	-15.7
Portugal	-	-	68.04	-	68.04	-
Romania	105.23	75.65	160.70	105.23	160.70	-34.5
Slovakia	127.11	-	129.85	127.11	129.85	-2.1
Spain	147.45	128.09	168.12	147.45	168.12	-12.3
Sweden	123.42	116.69	156.55	123.42	156.55	-21.2
Turkey	114.67	104.37	155.58	114.67	155.58	-26.3
Ukraine	116.84	125.68	180.16	116.84	180.16	-35.1
United Kingdom	134.32	126.51	157.52	134.32	157.52	-14.7
Other**	181.03	131.55	152.56	181.03	152.56	18.7
Asia Total	110.57	118.04	146.65	110.57	146.65	-24.6
China	106.63	108.86	108.86	106.63	108.86	-2.0
India	106.11	118.01	149.83	106.11	149.83	-29.2
Japan	117.62	120.09	160.99	117.62	160.99	-26.9
South Korea (Republic of Korea)	109.81	118.12	133.09	109.81	133.09	-17.5
Other**	129.22	152.48	152.54	129.22	152.54	-15.3
Africa Total	-	72.69	71.26	-	71.26	-
Egypt	-	90.87	116.17	-	116.17	-
Morocco	-	66.28	63.08	-	63.08	-
Total	114.19	115.59	144.69	114.19	144.69	-21.1

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2019.

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Eastern Total	13,671,955	12,810,456	15,412,547	13,671,955	15,412,547	-11.3
Baltimore, MD	5,081,789	4,094,736	6,451,676	5,081,789	6,451,676	-21.2
Buffalo, NY	62,472	812,565	2,255	62,472	2,255	NM
New York City, NY	771	2,098	1,818	771	1,818	-57.6
Norfolk, VA	8,409,210	7,832,030	8,936,176	8,409,210	8,936,176	-5.9
Ogdensburg, NY	40,394	32,044	11,529	40,394	11,529	250.4
Philadelphia, PA	77,244	36,752	8,958	77,244	8,958	NM
Portland, ME	-	173	30	-	30	-
St. Albans, VT	75	58	105	75	105	-28.6
Southern Total	4,005,683	5,090,924	7,695,614	4,005,683	7,695,614	-47.9
Charleston, SC	190	-	-	190	-	-
El Paso, TX	38,547	52,249	60,899	38,547	60,899	-36.7
Houston-Galveston, TX	3,294	57,088	337,589	3,294	337,589	-99.0
Laredo, TX	177,607	377,818	522,386	177,607	522,386	-66.0
Miami, FL	133	382	920	133	920	-85.5
Mobile, AL	2,387,161	2,333,224	2,905,721	2,387,161	2,905,721	-17.8
New Orleans, LA	1,398,475	2,269,775	3,867,073	1,398,475	3,867,073	-63.8
Savannah, GA	276	346	992	276	992	-72.2
Tampa, FL	-	42	34	-	34	-
Western Total	2,267,553	1,907,043	2,055,480	2,267,553	2,055,480	10.3
Great Falls, MT	66	66	177	66	177	-62.7
Los Angeles, CA	13,235	413,657	347,868	13,235	347,868	-96.2
Nogales, AZ	48	128	276,078	48	276,078	-100.0
San Diego, CA	96	22	22	96	22	336.4
San Francisco, CA	356,478	522,362	669,282	356,478	669,282	-46.7
Seattle, WA	1,897,630	970,808	762,053	1,897,630	762,053	149.0
Northern Total	22,878	582,314	38,705	22,878	38,705	-40.9
Chicago, IL	-	-	22	-	22	-
Cleveland, OH	13,821	497,423	30,229	13,821	30,229	-54.3
Detroit, MI	5,848	46,459	6,313	5,848	6,313	-7.4
Duluth, MN	85	165	-	85	-	-
Minneapolis, MN	-	34,733	-	-	-	-
Pembina, ND	3,124	3,534	2,141	3,124	2,141	45.9
Other Ports	8,461	17,573	7,656	8,461	7,656	10.5
Total	19,976,530	20,408,310	25,210,002	19,976,530	25,210,002	-20.8

- = 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 14. Steam coal exports by customs district

(short tons)

Customs district	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Eastern Total	4,390,600	2,638,660	4,492,415	4,390,600	4,492,415	-2.3
Baltimore, MD	3,185,560	1,994,811	3,414,113	3,185,560	3,414,113	-6.7
Buffalo, NY	2,148	2,092	2,060	2,148	2,060	4.3
New York City, NY	771	2,098	1,818	771	1,818	-57.6
Norfolk, VA	1,164,406	572,741	1,056,786	1,164,406	1,056,786	10.2
Ogdensburg, NY	37,579	29,935	8,650	37,579	8,650	334.4
Philadelphia, PA	82	36,752	8,958	82	8,958	-99.1
Portland, ME	-	173	30	-	30	-
St. Albans, VT	54	58	-	54	-	-
Southern Total	1,633,040	3,130,136	4,782,617	1,633,040	4,782,617	-65.9
El Paso, TX	38,547	52,249	60,899	38,547	60,899	-36.7
Houston-Galveston, TX	3,294	57,088	337,589	3,294	337,589	-99.0
Laredo, TX	176,619	377,042	521,677	176,619	521,677	-66.1
Miami, FL	133	382	920	133	920	-85.5
Mobile, AL	94,966	381,140	116,417	94,966	116,417	-18.4
New Orleans, LA	1,319,323	2,261,947	3,744,189	1,319,323	3,744,189	-64.8
Savannah, GA	158	246	892	158	892	-82.3
Tampa, FL	-	42	34	-	34	-
Western Total	2,267,553	1,907,043	2,055,480	2,267,553	2,055,480	10.3
Great Falls, MT	66	66	177	66	177	-62.7
Los Angeles, CA	13,235	413,657	347,868	13,235	347,868	-96.2
Nogales, AZ	48	128	276,078	48	276,078	-100.0
San Diego, CA	96	22	22	96	22	336.4
San Francisco, CA	356,478	522,362	669,282	356,478	669,282	-46.7
Seattle, WA	1,897,630	970,808	762,053	1,897,630	762,053	149.0
Northern Total	9,036	78,529	8,272	9,036	8,272	9.2
Chicago, IL	-	-	22	-	22	-
Cleveland, OH	-	25,353	11	-	11	-
Detroit, MI	5,848	14,744	6,098	5,848	6,098	-4.1
Duluth, MN	64	165	-	64	-	-
Minneapolis, MN	-	34,733	-	-	-	-
Pembina, ND	3,124	3,534	2,141	3,124	2,141	45.9
Other Ports	8,461	17,433	7,656	8,461	7,656	10.5
Total	8,308,690	7,771,801	11,346,440	8,308,690	11,346,440	-26.8

- = 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 15. Metallurgical coal exports by customs district

(short tons)

Customs district	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Eastern Total	9,281,355	10,171,796	10,920,132	9,281,355	10,920,132	-15.0
Baltimore, MD	1,896,229	2,099,925	3,037,563	1,896,229	3,037,563	-37.6
Buffalo, NY	60,324	810,473	195	60,324	195	NM
Norfolk, VA	7,244,804	7,259,289	7,879,390	7,244,804	7,879,390	-8.1
Ogdensburg, NY	2,815	2,109	2,879	2,815	2,879	-2.2
Philadelphia, PA	77,162	-	-	77,162	-	-
St. Albans, VT	21	-	105	21	105	-80.0
Southern Total	2,372,643	1,960,788	2,912,997	2,372,643	2,912,997	-18.5
Charleston, SC	190	-	-	190	-	-
Laredo, TX	988	776	709	988	709	39.4
Mobile, AL	2,292,195	1,952,084	2,789,304	2,292,195	2,789,304	-17.8
New Orleans, LA	79,152	7,828	122,884	79,152	122,884	-35.6
Savannah, GA	118	100	100	118	100	18.0
Northern Total	13,842	503,785	30,433	13,842	30,433	-54.5
Cleveland, OH	13,821	472,070	30,218	13,821	30,218	-54.3
Detroit, MI	-	31,715	215	-	215	-
Duluth, MN	21	-	-	21	-	-
Other Ports	-	140	-	-	-	-
Total	11,667,840	12,636,509	13,863,562	11,667,840	13,863,562	-15.8

- = 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 16. U.S. coke exports

(short tons)

Continent and country of destination	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	156,661	312,543	164,560	156,661	164,560	-4.8
Canada*	140,862	289,890	134,055	140,862	134,055	5.1
Mexico	15,618	22,293	30,269	15,618	30,269	-48.4
Other**	181	360	236	181	236	-23.3
South America Total	22	1	20	22	20	10.0
Other**	22	1	20	22	20	10.0
Europe Total	30,388	11	246	30,388	246	NM
Other**	30,388	11	246	30,388	246	NM
Asia Total	507	71	225	507	225	125.3
Other**	507	71	225	507	225	125.3
Australia and Oceania Total	84	226	45	84	45	86.7
Other**	84	226	45	84	45	86.7
Africa Total	-	-	25,165	-	25,165	-
Other**	-	-	25,165	-	25,165	-
Total	187,662	312,852	190,261	187,662	190,261	-1.4

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2019.

- = 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	321.01	245.15	305.61	321.01	305.61	5.0
Canada*	311.49	232.78	298.00	311.49	298.00	4.5
Mexico	403.62	405.09	337.04	403.62	337.04	19.8
Other**	597.62	298.27	597.28	597.62	597.28	0.1
South America Total	553.55	7,523.00	522.00	553.55	522.00	6.0
Other**	553.55	7,523.00	522.00	553.55	522.00	6.0
Europe Total	91.44	399.82	412.60	91.44	412.60	-77.8
Other**	91.44	399.82	412.60	91.44	412.60	-77.8
Asia Total	648.90	856.03	1,021.99	648.90	1,021.99	-36.5
Other**	648.90	856.03	1,021.99	648.90	1,021.99	-36.5
Australia and Oceania Total	458.55	600.69	489.02	458.55	489.02	-6.2
Other**	458.55	600.69	489.02	458.55	489.02	-6.2
Africa Total	-	-	90.72	-	90.72	-
Other**	-	-	90.72	-	90.72	-
Total	284.81	245.57	278.24	284.81	278.24	2.4

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2019.

- = No data reported.

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

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

Table 18. U.S. coal imports

(short tons)

Continent and country of origin	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	60,587	222,313	146,996	60,587	146,996	-58.8
Canada	60,571	221,989	146,411	60,571	146,411	-58.6
Dominican Republic	-	313	-	-	-	-
Mexico	16	11	585	16	585	-97.3
South America Total	995,900	1,330,694	1,305,247	995,900	1,305,247	-23.7
Brazil	7	-	-	7	-	-
Colombia	995,831	1,330,632	1,305,247	995,831	1,305,247	-23.7
Peru	62	62	-	62	-	-
Europe Total	53,440	2,538	33,415	53,440	33,415	59.9
Belgium	446	-	-	446	-	-
Germany, Federal Republic of	183	2,509	375	183	375	-51.2
Greece	-	8	-	-	-	-
Russia	52,767	-	32,988	52,767	32,988	60.0
Sweden	10	-	-	10	-	-
United Kingdom	34	21	52	34	52	-34.6
Asia Total	229,134	167,439	203,141	229,134	203,141	12.8
China	45,731	31,634	5,037	45,731	5,037	NM
Indonesia	183,403	135,805	198,104	183,403	198,104	-7.4
Africa Total	-	238	-	-	-	-
Egypt	-	238	-	-	-	-
Total	1,339,061	1,723,222	1,688,799	1,339,061	1,688,799	-20.7

- = No data reported.

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

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

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

Table 19. Average price of U.S. coal imports

(dollars per short ton)

Continent and country of origin	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	132.82	159.72	190.36	132.82	190.36	-30.2
Canada	132.73	159.83	190.57	132.73	190.57	-30.4
Dominican Republic	-	65.90	-	-	-	-
Mexico	477.50	482.64	135.75	477.50	135.75	251.7
South America Total	61.67	60.29	65.86	61.67	65.86	-6.4
Brazil	385.71	-	-	385.71	-	-
Colombia	61.66	60.28	65.86	61.66	65.86	-6.4
Peru	277.68	277.42	-	277.68	-	-
Europe Total	148.40	62.69	173.37	148.40	173.37	-14.4
Belgium	321.09	-	-	321.09	-	-
Germany, Federal Republic of	74.90	59.45	74.69	74.90	74.69	0.3
Greece	-	280.88	-	-	-	-
Russia	146.97	-	174.23	146.97	174.23	-15.6
Sweden	375.00	-	-	375.00	-	-
United Kingdom	436.76	367.38	342.21	436.76	342.21	27.6
Asia Total	68.12	86.40	62.58	68.12	62.58	8.9
China	89.14	78.38	77.31	89.14	77.31	15.3
Indonesia	62.88	88.27	62.20	62.88	62.20	1.1
Africa Total	-	75.00	-	-	-	-
Egypt	-	75.00	-	-	-	-
U.S. Total*	69.46	75.66	78.43	69.46	78.43	-11.4

* 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Eastern Total	41,421	34,565	36,578	41,421	36,578	13.2
Buffalo, NY	79	-	158	79	158	-50.0
New York City, NY	-	238	44	-	44	-
Norfolk, VA	10	-	-	10	-	-
Portland, ME	41,332	34,327	36,376	41,332	36,376	13.6
Southern Total	1,053,521	1,328,346	1,306,830	1,053,521	1,306,830	-19.4
Houston-Galveston, TX	10,494	14,049	-	10,494	-	-
Laredo, TX	16	11	-	16	-	-
Miami, FL	-	-	33,760	-	33,760	-
Mobile, AL	516,452	746,077	702,655	516,452	702,655	-26.5
New Orleans, LA	35,745	17,647	37,959	35,745	37,959	-5.8
San Juan, PR	419,919	435,031	423,570	419,919	423,570	-0.9
Savannah, GA	-	21	-	-	-	-
Tampa, FL	70,895	115,510	108,886	70,895	108,886	-34.9
Western Total	188,436	201,425	255,587	188,436	255,587	-26.3
Great Falls, MT	2,157	62,193	53,333	2,157	53,333	-96.0
Honolulu, HI	183,403	135,805	198,104	183,403	198,104	-7.4
Nogales, AZ	-	-	585	-	585	-
San Francisco, CA	31	-	31	31	31	s
Seattle, WA	2,845	3,427	3,534	2,845	3,534	-19.5
Northern Total	55,683	158,886	89,804	55,683	89,804	-38.0
Chicago, IL	7	32,296	22	7	22	-68.2
Cleveland, OH	183	-	375	183	375	-51.2
Detroit, MI	441	67,761	35,200	441	35,200	-98.7
Duluth, MN	635	544	201	635	201	215.9
Pembina, ND	54,417	58,285	54,006	54,417	54,006	0.8
Total	1,339,061	1,723,222	1,688,799	1,339,061	1,688,799	-20.7

- = No data reported.

s = Absolute percentage less than 0.05.

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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	375	18,587	2,376	375	2,376	-84.2
Canada	375	18,587	2,376	375	2,376	-84.2
Europe Total	1,202	18,370	505	1,202	505	138.0
Czech Republic	-	16,672	-	-	-	-
Italy	1,152	42	501	1,152	501	129.9
United Kingdom	50	1,656	4	50	4	NM
Asia Total	554	696	680	554	680	-18.5
China	36	34	72	36	72	-50.0
India	20	-	-	20	-	-
Japan	498	662	608	498	608	-18.1
Africa Total	3,504	1,919	2,551	3,504	2,551	37.4
South Africa	3,504	1,919	2,551	3,504	2,551	37.4
U.S. Total	5,635	39,572	6,112	5,635	6,112	-7.8

- = No data reported.

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

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

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

Table 22. Average price of U.S. coke imports

(dollars per short ton)

Continent and country of origin	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
North America Total	268.02	148.36	222.37	268.02	222.37	20.5
Canada	268.02	148.36	222.37	268.02	222.37	20.5
Europe Total	326.80	339.16	377.02	326.80	377.02	-13.3
Czech Republic	-	344.74	-	-	-	-
Italy	317.67	352.02	372.05	317.67	372.05	-14.6
United Kingdom	537.20	282.66	1,000.00	537.20	1,000.00	-46.3
Asia Total	402.64	387.04	373.53	402.64	373.53	7.8
China	1,460.53	1,742.41	848.86	1,460.53	848.86	72.1
India	621.00	-	-	621.00	-	-
Japan	317.39	317.43	317.24	317.39	317.24	s
Africa Total	521.01	610.04	568.68	521.01	568.68	-8.4
South Africa	521.01	610.04	568.68	521.01	568.68	-8.4
U.S. Total	451.11	263.52	396.51	451.11	396.51	13.8

- = 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 IM 145.'

Receipts and prices

Table 23. Coal receipts at coke plants by census division

(thousand short tons)

Census division	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	1,276	1,098	1,537	1,276	1,537	-17.0
East North Central	2,215	2,463	2,383	2,215	2,383	-7.1
South Atlantic	444	437	504	444	504	-11.8
East South Central	163	230	291	163	291	-44.1
U.S. Total	4,098	4,229	4,715	4,098	4,715	-13.1

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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	w	w	w	w	w	w
East North Central	140.45	150.38	152.97	140.45	152.97	-8.2
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	129.96	143.06	142.19	129.96	142.19	-8.6

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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Coke						
Sales	1,552	1,616	1,599	1,552	1,599	-2.9
Average Price	406.83	402.19	337.48	406.83	337.48	20.5
Breeze						
Sales	90	159	103	90	103	-12.1
Average Price	85.38	131.05	93.55	85.38	93.55	-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 26. Coal receipts at other industrial plants by census division and state

(thousand short tons)

Census division and state	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
New England	7	5	7	7	7	-0.3
Maine	7	5	6	7	6	13.7
Massachusetts	-	s	1	-	1	-
Middle Atlantic	180	190	187	180	187	-3.8
New York	70	78	46	70	46	50.4
Pennsylvania	111	112	141	111	141	-21.6
East North Central	1,412	1,744	1,395	1,412	1,395	1.2
Illinois	644	632	682	644	682	-5.5
Indiana	454	620	328	454	328	38.5
Michigan	40	153	65	40	65	-38.2
Ohio	119	105	121	119	121	-1.5
Wisconsin	154	235	199	154	199	-22.8
West North Central	2,788	2,839	2,879	2,788	2,879	-3.2
Iowa	559	598	590	559	590	-5.2
Kansas	9	13	32	9	32	-72.2
Minnesota	212	259	308	212	308	-31.1
Missouri	189	204	198	189	198	-4.9
Nebraska	266	265	242	266	242	9.8
North Dakota	1,515	1,466	1,454	1,515	1,454	4.2
South Dakota	38	35	54	38	54	-29.4
South Atlantic	484	541	766	484	766	-36.7
Florida	31	32	145	31	145	-78.3
Georgia	51	97	117	51	117	-56.6
Maryland	74	99	119	74	119	-37.3
North Carolina	96	92	107	96	107	-10.3
South Carolina	41	19	51	41	51	-21.0
Virginia	93	111	130	93	130	-28.8
West Virginia	98	90	96	98	96	2.6
East South Central	650	649	716	650	716	-9.2
Alabama	167	161	222	167	222	-24.9
Kentucky	141	158	187	141	187	-24.5
Mississippi	18	19	-	18	-	-
Tennessee	324	311	307	324	307	5.3
West South Central	219	258	288	219	288	-24.0
Arkansas	40	38	45	40	45	-11.6
Louisiana	39	44	53	39	53	-27.2
Oklahoma	59	82	82	59	82	-27.9
Texas	81	94	108	81	108	-24.6
Mountain	726	770	769	726	769	-5.5
Arizona	83	40	57	83	57	45.6
Colorado	32	38	66	32	66	-52.0
Idaho	18	19	13	18	13	36.9
Montana	40	94	41	40	41	-1.5
Nevada	73	80	74	73	74	-1.6
New Mexico	14	12	15	14	15	-6.2
Utah	94	109	86	94	86	9.2
Wyoming	372	378	417	372	417	-10.7
Pacific	384	414	380	384	380	0.8
Alaska	s	s	s	s	s	s
California	346	381	346	346	346	-0.3
Oregon	10	12	17	10	17	-38.4
Washington	27	22	17	27	17	61.7
U.S. Total	6,850	7,409	7,388	6,850	7,388	-7.3

- = No data reported.

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

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

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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
New England	w	w	w	w	w	w
Maine	w	w	w	w	w	w
Massachusetts	-	w	w	w	w	-
Middle Atlantic	90.43	87.11	86.43	90.43	86.43	4.6
New York	w	w	w	w	w	w
Pennsylvania	w	w	w	w	w	w
East North Central	76.70	80.04	73.17	76.70	73.17	4.8
Illinois	44.79	w	45.99	w	w	w
Indiana	109.46	w	106.51	w	w	w
Michigan	110.81	98.78	106.82	110.81	106.82	3.7
Ohio	102.73	101.56	99.00	102.73	99.00	3.8
Wisconsin	84.65	83.82	84.69	84.65	84.69	s
West North Central	27.44	28.74	30.01	27.44	30.01	-8.6
Iowa	w	34.82	37.40	w	w	w
Kansas	w	w	w	w	w	w
Minnesota	48.38	48.45	50.18	48.38	50.18	-3.6
Missouri	51.17	53.44	52.54	51.17	52.54	-2.6
Nebraska	w	24.25	24.46	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	99.03	101.44	101.98	99.03	101.98	-2.9
Florida	113.25	w	w	w	w	w
Georgia	96.79	106.19	99.65	96.79	99.65	-2.9
Maryland	w	w	w	w	w	w
North Carolina	98.39	102.70	109.68	98.39	109.68	-10.3
South Carolina	99.90	112.94	100.14	99.90	100.14	-0.2
Virginia	92.89	101.65	94.70	92.89	94.70	-1.9
West Virginia	w	w	149.43	w	w	w
East South Central	100.28	97.26	96.75	100.28	96.75	3.6
Alabama	w	w	102.36	w	w	w
Kentucky	119.99	106.27	100.28	119.99	100.28	19.7
Mississippi	w	w	-	w	-	-
Tennessee	90.16	91.50	90.56	90.16	90.56	-0.4
West South Central	81.42	76.27	75.83	81.42	75.83	7.4
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	86.96	w	69.79	w	w	w
Texas	78.37	85.90	91.09	78.37	91.09	-14.0
Mountain	59.62	57.90	56.91	59.62	56.91	4.8
Arizona	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Idaho	w	w	w	w	w	w
Montana	w	45.95	49.46	w	w	w
Nevada	75.59	75.80	83.41	75.59	83.41	-9.4
New Mexico	w	w	w	w	w	w
Utah	51.19	56.66	54.30	51.19	54.30	-5.7
Wyoming	49.27	47.70	46.92	49.27	46.92	5.0
Pacific	82.10	78.80	80.31	82.10	80.31	2.2
California	81.92	78.71	79.03	81.92	79.03	3.7
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	59.47	61.11	60.74	59.47	60.74	-2.1

- = No data reported.

w = Data withheld to avoid disclosure.

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

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.

Table 28. U.S. coal receipts at manufacturing plants by North American Industry Classification System (NAICS) code
(thousand short tons)

NAICS code	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	1,838	2,024	2,006	1,838	2,006	-8.4
312 Beverage and Tobacco Product Mfg.	5	5	5	5	5	7.2
313 Textile Mills	15	11	26	15	26	-42.9
322 Paper Manufacturing	430	563	687	430	687	-37.4
324 Petroleum and Coal Products	1,424	1,311	1,355	1,424	1,355	5.1
325 Chemical Manufacturing	851	844	884	851	884	-3.7
327 Nonmetallic Mineral Products Mfg.	1,565	1,957	1,773	1,565	1,773	-11.8
331 Primary Metal Manufacturing	455	427	375	455	375	21.3
333 Machinery Manufacturing	21	16	-	21	-	-
339 Miscellaneous Manufacturing	246	252	276	246	276	-10.8
U.S. Total	6,850	7,409	7,388	6,850	7,388	-7.3

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	41.06	41.96	42.76	41.06	42.76	-4.0
312 Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313 Textile Mills	113.13	113.23	114.12	113.13	114.12	-0.9
322 Paper Manufacturing	89.10	91.74	88.94	89.10	88.94	0.2
324 Petroleum and Coal Products	w	w	w	w	w	w
325 Chemical Manufacturing	84.70	83.87	78.26	84.70	78.26	8.2
327 Nonmetallic Mineral Products Mfg.	74.96	75.99	78.38	74.96	78.38	-4.4
331 Primary Metal Manufacturing	137.92	138.17	135.40	137.92	135.40	1.9
333 Machinery Manufacturing	w	w	-	w	-	-
339 Miscellaneous Manufacturing	53.70	53.84	52.89	53.70	52.89	1.5
U.S. Total	59.47	61.11	60.74	59.47	60.74	-2.1

* 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	5	3	6	5	6	-22.4
Pennsylvania	5	3	6	5	6	-22.4
East North Central	58	38	62	58	62	-5.6
Illinois	29	19	28	29	28	2.2
Indiana	16	14	19	16	19	-14.3
Wisconsin	13	6	14	13	14	-10.0
West North Central	50	55	63	50	63	-20.5
Iowa	23	29	30	23	30	-22.5
Minnesota	4	1	4	4	4	-0.3
Missouri	4	3	5	4	5	-26.2
North Dakota	19	21	24	19	24	-20.5
South Atlantic	19	27	38	19	38	-50.2
North Carolina	12	20	31	12	31	-63.1
Virginia	7	7	6	7	6	13.9
East South Central	2	1	2	2	2	3.4
Kentucky	2	1	2	2	2	3.4
Mountain	1	3	4	1	4	-64.9
Colorado	s	-	-	s	-	-
Montana	-	1	-	-	-	-
Wyoming	1	2	4	1	4	-68.2
Pacific	137	98	123	137	123	11.6
Alaska	137	98	123	137	123	11.6
U.S. Total	273	225	298	273	298	-8.4

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	128.82	130.16	106.36	128.82	106.36	21.1
Pennsylvania	128.82	130.16	106.36	128.82	106.36	21.1
East North Central	80.62	69.36	83.93	80.62	83.93	-3.9
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Wisconsin	159.13	157.96	156.94	159.13	156.94	1.4
West North Central	83.31	78.07	80.33	83.31	80.33	3.7
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	121.64	139.09	w	121.64	w	w
North Carolina	w	w	w	w	w	w
Virginia	w	w	142.46	w	w	w
East South Central	w	w	w	w	w	w
Kentucky	w	w	w	w	w	w
Mountain	w	w	w	w	w	w
Colorado	w	-	-	w	-	-
Montana	-	w	-	w	-	-
Wyoming	w	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	87.19	88.73	90.16	87.19	90.16	-3.3

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

Consumption

Table 32. U.S. coal consumption by end-use sector, 2014 - 2020

(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	
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	160,569	4,236	3,483	5,051	8,534	194	179	373	173,712
April - June	154,230	4,325	3,095	5,013	8,107	121	82	203	166,866
July - September	190,545	4,491	3,083	5,168	8,251	136	59	195	203,482
October - December	159,649	4,485	3,315	5,056	8,371	159	130	290	172,796
Total	664,993	17,538	12,975	20,289	33,264	610	451	1,061	716,856
2018									
January - March	155,420	4,228	3,473	4,673	8,146	192	162	354	168,149
April - June	144,112	4,610	2,909	4,782	7,691	122	72	194	156,607
July - September	181,691	4,762	2,853	4,738	7,591	127	48	175	194,219
October - December	155,993	4,737	2,999	5,154	8,152	136	113	248	169,131
Total	637,217	18,337	12,233	19,347	31,580	577	395	972	688,105
2019									
January - March	145,292	4,463	3,039	4,743	7,783	165	155	320	157,857
April - June	118,007	4,660	2,712	4,299	7,011	109	67	176	129,854
July - September	156,169	4,455	2,597	4,417	7,014	125	29	154	167,792
October - December	119,947	4,346	2,895	4,425	7,321	128	99	227	131,841
Total	539,415	17,924	11,244	17,885	29,129	526	350	876	587,344
2020									
January - March	97,618	4,246	2,813	4,263	7,076	130	176	306	109,245
Total	97,618	4,246	2,813	4,263	7,076	130	176	306	109,245
2019 January - March	145,292	4,463	3,039	4,743	7,783	165	155	320	157,857
2018 January - March	155,420	4,228	3,473	4,673	8,146	192	162	354	168,149

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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	1,199	1,300	1,358	1,199	1,358	-11.7
East North Central	2,405	2,421	2,401	2,405	2,401	0.2
South Atlantic	451	437	431	451	431	4.6
East South Central	191	188	272	191	272	-30.0
U.S. Total	4,246	4,346	4,463	4,246	4,463	-4.9

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 34. Coal consumption at other industrial plants by census division and state

(thousand short tons)

Census division and state	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
New England	7	5	7	7	7	5.2
Maine	7	4	6	7	6	15.4
Massachusetts	-	1	1	-	1	-
Middle Atlantic	197	195	208	197	208	-5.3
New York	83	89	62	83	62	33.6
Pennsylvania	113	105	145	113	145	-22.0
East North Central	1,518	1,580	1,594	1,518	1,594	-4.8
Illinois	638	632	702	638	702	-9.2
Indiana	471	514	371	471	371	26.9
Michigan	98	130	147	98	147	-33.2
Ohio	117	108	124	117	124	-5.9
Wisconsin	194	195	250	194	250	-22.4
West North Central	2,900	2,811	3,027	2,900	3,027	-4.2
Iowa	585	586	583	585	583	0.3
Kansas	18	16	17	18	17	5.3
Minnesota	210	259	365	210	365	-42.3
Missouri	185	215	187	185	187	-1.1
Nebraska	274	264	263	274	263	4.2
North Dakota	1,569	1,419	1,557	1,569	1,557	0.7
South Dakota	58	51	55	58	55	6.0
South Atlantic	536	569	731	536	731	-26.7
Florida	63	62	133	63	133	-52.9
Georgia	79	77	95	79	95	-17.4
Maryland	75	103	127	75	127	-41.3
North Carolina	96	91	102	96	102	-6.2
South Carolina	28	39	53	28	53	-47.3
Virginia	105	103	131	105	131	-19.8
West Virginia	92	94	90	92	90	1.7
East South Central	628	645	733	628	733	-14.3
Alabama	153	169	216	153	216	-29.2
Kentucky	139	160	197	139	197	-29.4
Mississippi	20	19	-	20	-	-
Tennessee	316	297	320	316	320	-1.2
West South Central	233	266	313	233	313	-25.7
Arkansas	42	43	50	42	50	-17.5
Louisiana	42	47	61	42	61	-31.7
Oklahoma	61	61	79	61	79	-22.4
Texas	88	116	123	88	123	-28.3
Mountain	729	819	802	729	802	-9.1
Arizona	73	67	63	73	63	16.0
Colorado	32	35	68	32	68	-52.7
Idaho	39	37	43	39	43	-9.1
Montana	47	87	58	47	58	-19.0
Nevada	65	75	74	65	74	-11.9
New Mexico	14	12	14	14	14	-2.5
Utah	90	102	80	90	80	12.5
Wyoming	368	404	401	368	401	-8.2
Pacific	329	431	367	329	367	-10.3
Alaska	s	s	s	s	s	s
California	300	373	331	300	331	-9.4
Oregon	-	35	15	-	15	-
Washington	29	21	21	29	21	37.8
U.S. Total	7,076	7,321	7,783	7,076	7,783	-9.1

- = 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.

Table 35. U.S. coal consumption at manufacturing plants by North American Industry Classification System (NAICS) code
(thousand short tons)

NAICS code	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	1,919	1,998	2,116	1,919	2,116	-9.3
312 Beverage and Tobacco Product Mfg.	5	4	5	5	5	7.4
313 Textile Mills	17	12	26	17	26	-36.8
322 Paper Manufacturing	506	481	711	506	711	-28.9
324 Petroleum and Coal Products	1,438	1,260	1,402	1,438	1,402	2.6
325 Chemical Manufacturing	825	836	861	825	861	-4.2
327 Nonmetallic Mineral Products Mfg.	1,649	2,047	1,907	1,649	1,907	-13.5
331 Primary Metal Manufacturing	461	388	462	461	462	-0.2
333 Machinery Manufacturing	8	18	3	8	3	169.1
339 Miscellaneous Manufacturing	249	278	289	249	289	-14.0
U.S. Total	7,076	7,321	7,783	7,076	7,783	-9.1

* 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	7	3	8	7	8	-21.4
Pennsylvania	7	3	8	7	8	-21.4
East North Central	59	37	60	59	60	-0.9
Illinois	27	18	26	27	26	4.7
Indiana	17	14	18	17	18	-8.6
Wisconsin	15	4	15	15	15	-1.1
West North Central	56	45	69	56	69	-18.4
Iowa	23	24	30	23	30	-21.5
Minnesota	2	1	3	2	3	-28.7
Missouri	5	2	6	5	6	-28.0
North Dakota	26	18	29	26	29	-12.0
South Atlantic	24	21	42	24	42	-43.4
District of Columbia	-	-	s	-	s	-
North Carolina	15	15	27	15	27	-42.0
Virginia	8	5	15	8	15	-45.2
East South Central	2	1	3	2	3	-18.1
Kentucky	2	1	3	2	3	-18.1
Mountain	2	3	5	2	5	-53.1
Colorado	s	-	-	s	-	-
Montana	1	s	1	1	1	-44.3
Wyoming	1	2	4	1	4	-68.2
Pacific	156	117	133	156	133	16.9
Alaska	156	117	133	156	133	16.9
U.S. Total	306	227	320	306	320	-4.3

- = No data reported.

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

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

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

Stocks

Table 37. U.S. coal stocks, 2014 - 2020

(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			
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	161,815	1,388	3,236	335	166,774	25,190	191,964
June 30	158,014	1,626	3,295	329	163,264	23,430	186,694
September 30	139,571	1,670	3,482	337	145,060	23,430	168,490
December 31	137,687	1,718	3,242	310	142,957	23,999	166,956
2018							
March 31	126,008	1,508	2,891	275	130,682	24,736	155,418
June 30	121,041	1,616	2,896	256	125,809	22,997	148,806
September 30	100,384	1,811	3,023	260	105,478	22,537	128,015
December 31	102,793	1,807	3,258	247	108,104	21,692	129,796
2019							
March 31	97,102	2,005	2,832	221	102,160	23,158*	125,318
June 30	117,710	2,296	2,985	201	123,193	21,878*	145,071
September 30	110,952	2,463	3,168	232	116,815	23,073*	139,888
December 31	128,497	2,333	3,258	246	134,334	24,438*	158,772
2020							
March 31	145,451	2,157	3,019	212	150,839	24,947*	175,786

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, 2020	December 31, 2019	March 31, 2019	Percent change (March 31) 2020 versus 2019
Middle Atlantic	521	446	622	-16.2
East North Central	1,174	1,371	954	23.1
South Atlantic	206	229	212	-2.6
East South Central	255	286	217	17.3
U.S. Total	2,157	2,333	2,005	7.5

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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, 2020	December 31, 2019	March 31, 2019	Percent change (March 31) 2020 versus 2019
New England	1	1	5	-86.9
Maine	1	1	1	-33.4
Massachusetts	-	-	4	-100.0
Middle Atlantic	217	234	224	-3.0
New York	64	78	73	-12.9
Pennsylvania	154	156	151	1.9
East North Central	732	839	583	25.5
Illinois	126	119	119	5.6
Indiana	296	312	219	35.3
Michigan	175	233	153	14.2
Ohio	27	25	19	40.3
Wisconsin	108	149	73	48.4
West North Central	411	522	408	0.7
Iowa	138	163	119	15.7
Kansas	9	19	25	-63.1
Minnesota	37	35	38	-2.7
Missouri	69	66	93	-25.7
Nebraska	36	44	58	-38.2
North Dakota	101	155	45	122.7
South Dakota	21	40	29	-28.8
South Atlantic	411	463	421	-2.3
Florida	66	97	95	-30.5
Georgia	74	103	81	-8.4
Maryland	9	9	6	62.1
North Carolina	55	53	42	28.9
South Carolina	67	55	70	-3.4
Virginia	48	60	56	-14.9
West Virginia	92	86	71	29.9
East South Central	222	201	188	18.2
Alabama	85	70	91	-6.6
Kentucky	33	33	24	40.1
Mississippi	2	4	-	-
Tennessee	102	94	74	38.4
West South Central	300	324	361	-16.8
Arkansas	28	30	41	-30.8
Louisiana	3	6	3	6.2
Oklahoma	106	108	86	23.0
Texas	164	180	232	-29.4
Mountain	544	539	507	7.3
Arizona	42	32	29	46.8
Colorado	27	28	27	0.9
Idaho	210	223	214	-1.9
Montana	44	51	27	60.7
Nevada	42	34	32	33.3
New Mexico	4	4	2	69.9
Utah	61	57	46	30.7
Wyoming	114	110	129	-12.0
Pacific	181	136	135	34.1
California	159	122	124	28.0
Oregon	16	6	10	71.3
Washington	5	7	1	487.7
U.S. Total	3,019	3,258	2,832	6.6

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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, 2020	December 31, 2019	March 31, 2019	Percent change (March 31) 2020 versus 2019
311 Food Manufacturing	538	618	519	3.7
312 Beverage and Tobacco Product Mfg.	2	2	1	53.3
313 Textile Mills	9	11	13	-33.5
322 Paper Manufacturing	319	398	295	7.9
324 Petroleum and Coal Products	161	175	116	38.5
325 Chemical Manufacturing	313	287	254	23.0
327 Nonmetallic Mineral Products Mfg.	1,276	1,370	1,316	-3.1
331 Primary Metal Manufacturing	259	265	176	47.1
333 Machinery Manufacturing	27	14	17	64.5
339 Miscellaneous Manufacturing	115	118	123	-6.5
U.S. Total	3,019	3,258	2,832	6.6

* 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 41. Coke and breeze stocks at coke plants by census division

(thousand short tons)

Census division	March 31, 2020	December 31, 2019	March 31, 2019	Percent change (March 31) 2020 versus 2019
Middle Atlantic	128	142	71	79.0
East North Central	285	253	287	-0.7
South Atlantic	58	53	38	54.6
East South Central	168	125	80	109.5
U.S. Total	639	574	477	34.2
Coke Total	528	475	361	46.3
Breeze Total	111	100	115	-3.8

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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, 2020	December 31, 2019	March 31, 2019	Percent change (March 31) 2020 versus 2019
Middle Atlantic	36	37	37	-4.3
Pennsylvania	36	37	37	-4.3
East North Central	20	21	32	-38.3
Illinois	19	17	21	-7.4
Indiana	s	1	10	-94.9
Wisconsin	s	3	2	-94.9
West North Central	29	36	29	-1.1
Iowa	16	17	14	11.9
Minnesota	9	7	7	36.0
Missouri	-	1	s	-100.0
North Dakota	4	11	8	-49.8
South Atlantic	41	46	37	11.7
District of Columbia	3	3	3	s
North Carolina	29	33	28	5.7
Virginia	9	10	6	43.3
East South Central	7	7	7	-4.9
Kentucky	7	7	7	-4.9
Mountain	1	3	2	-8.9
Colorado	s	1	1	-47.3
Montana	1	2	1	21.4
Wyoming	s	s	s	s
Pacific	78	97	77	2.1
Alaska	78	97	77	2.1
U.S. Total	212	246	221	-4.0

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
New England						
Btu	12,336	12,340	12,329	12,336	12,329	0.1
Sulfur	0.77	0.77	0.77	0.77	0.77	0.5
Ash	5.76	5.89	8.49	5.76	8.49	-32.2
Maine						
Btu	12,336	12,336	12,312	12,336	12,312	0.2
Sulfur	0.77	0.77	0.76	0.77	0.76	1.3
Ash	5.76	5.72	8.76	5.76	8.76	-34.2
Massachusetts						
Btu	-	12,405	12,449	-	12,449	-
Sulfur	-	0.75	0.81	-	0.81	-
Ash	-	8.80	6.59	-	6.59	-
Middle Atlantic						
Btu	14,197	14,179	14,093	14,197	14,093	0.7
Sulfur	1.12	1.14	1.09	1.12	1.09	3.1
Ash	7.11	7.46	7.78	7.11	7.78	-8.7
New York						
Btu	12,732	12,737	12,779	12,732	12,779	-0.4
Sulfur	2.24	2.23	2.22	2.24	2.22	0.9
Ash	9.40	9.38	9.34	9.40	9.34	0.6
Pennsylvania						
Btu	14,271	14,272	14,129	14,271	14,129	1.0
Sulfur	1.07	1.07	1.06	1.07	1.06	0.8
Ash	6.99	7.33	7.74	6.99	7.74	-9.6
East North Central						
Btu	13,302	13,049	13,237	13,302	13,237	0.5
Sulfur	1.22	1.09	1.20	1.22	1.20	1.4
Ash	7.13	7.21	7.30	7.13	7.30	-2.2
Illinois						
Btu	11,478	11,317	11,514	11,478	11,514	-0.3
Sulfur	2.09	1.95	2.03	2.09	2.03	3.0
Ash	7.39	7.26	7.50	7.39	7.50	-1.5
Indiana						
Btu	14,109	13,702	14,110	14,109	14,110	s
Sulfur	0.87	0.86	0.89	0.87	0.89	-2.2
Ash	7.06	7.04	7.10	7.06	7.10	-0.6
Michigan						
Btu	12,729	13,027	13,085	12,729	13,085	-2.7
Sulfur	0.66	0.78	0.76	0.66	0.76	-13.8
Ash	6.98	7.31	6.70	6.98	6.70	4.2
Ohio						
Btu	14,204	14,187	14,235	14,204	14,235	-0.2
Sulfur	1.05	0.99	0.98	1.05	0.98	7.7
Ash	7.19	7.38	7.55	7.19	7.55	-4.8
Wisconsin						
Btu	10,402	10,771	10,549	10,402	10,549	-1.4
Sulfur	0.79	0.69	0.75	0.79	0.75	5.5
Ash	6.13	7.20	6.68	6.13	6.68	-8.1
West North Central						
Btu	8,154	8,300	8,307	8,154	8,307	-1.8
Sulfur	0.83	0.83	0.89	0.83	0.89	-7.2
Ash	6.49	6.12	6.29	6.49	6.29	3.2
Iowa						
Btu	9,068	9,123	9,280	9,068	9,280	-2.3
Sulfur	0.69	0.70	1.03	0.69	1.03	-33.1
Ash	5.20	5.32	5.37	5.20	5.37	-3.2
Kansas						

Census division and state¹	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Btu	10,577	11,700	10,958	10,577	10,958	-3.5
Sulfur	2.44	2.47	2.19	2.44	2.19	11.5
Ash	12.40	8.23	11.91	12.40	11.91	4.1
Minnesota						
Btu	9,328	9,366	9,227	9,328	9,227	1.1
Sulfur	0.36	0.36	0.34	0.36	0.34	6.5
Ash	4.15	4.20	4.24	4.15	4.24	-2.2
Missouri						
Btu	11,179	11,177	11,155	11,179	11,155	0.2
Sulfur	2.25	2.33	2.24	2.25	2.24	0.6
Ash	8.45	8.41	8.60	8.45	8.60	-1.7
Nebraska						
Btu	8,714	8,716	8,706	8,714	8,706	0.1
Sulfur	0.22	0.22	0.22	0.22	0.22	-2.1
Ash	4.55	4.61	4.61	4.55	4.61	-1.5
North Dakota						
Btu	7,157	7,271	7,199	7,157	7,199	-0.6
Sulfur	0.87	0.86	0.87	0.87	0.87	0.8
Ash	7.36	6.73	6.93	7.36	6.93	6.1
South Dakota						
Btu	8,400	8,320	8,413	8,400	8,413	-0.2
Sulfur	0.54	0.50	0.55	0.54	0.55	-2.5
Ash	6.09	5.91	6.20	6.09	6.20	-1.8
South Atlantic						
Btu	13,625	13,480	13,323	13,625	13,323	2.3
Sulfur	1.08	1.08	1.08	1.08	1.08	-0.8
Ash	8.85	9.51	9.54	8.85	9.54	-7.2
Florida						
Btu	12,448	12,382	12,299	12,448	12,299	1.2
Sulfur	1.08	1.17	1.21	1.08	1.21	-10.7
Ash	8.92	9.94	11.19	8.92	11.19	-20.3
Georgia						
Btu	12,858	12,429	12,737	12,858	12,737	1.0
Sulfur	0.91	1.05	1.01	0.91	1.01	-10.0
Ash	8.32	11.23	9.83	8.32	9.83	-15.4
Maryland						
Btu	11,323	11,158	10,872	11,323	10,872	4.1
Sulfur	1.66	1.68	1.74	1.66	1.74	-4.8
Ash	23.47	24.85	22.94	23.47	22.94	2.3
North Carolina						
Btu	13,377	13,546	13,438	13,377	13,438	-0.5
Sulfur	0.90	0.91	0.95	0.90	0.95	-5.0
Ash	7.73	6.94	7.50	7.73	7.50	3.0
South Carolina						
Btu	13,199	13,335	13,377	13,199	13,377	-1.3
Sulfur	1.65	1.04	1.58	1.65	1.58	4.6
Ash	9.53	7.75	7.47	9.53	7.47	27.7
Virginia						
Btu	14,162	14,107	14,050	14,162	14,050	0.8
Sulfur	0.83	0.85	0.82	0.83	0.82	0.7
Ash	7.37	7.35	7.52	7.37	7.52	-2.0
West Virginia						
Btu	13,979	13,987	13,951	13,979	13,951	0.2
Sulfur	1.27	1.27	1.11	1.27	1.11	14.3
Ash	7.15	7.03	7.23	7.15	7.23	-1.2
East South Central						
Btu	13,415	13,406	13,466	13,415	13,466	-0.4
Sulfur	1.30	1.33	1.22	1.30	1.22	6.6
Ash	6.82	7.13	6.77	6.82	6.77	0.8
Alabama						
Btu	13,760	13,716	13,752	13,760	13,752	0.1

Census division and state ¹	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Sulfur	1.00	1.07	1.05	1.00	1.05	-4.7
Ash	7.22	7.49	6.93	7.22	6.93	4.1
Kentucky						
Btu	13,252	13,042	13,226	13,252	13,226	0.2
Sulfur	1.31	1.21	1.02	1.31	1.02	28.2
Ash	6.89	7.25	6.43	6.89	6.43	7.2
Mississippi						
Btu	14,795	14,849	-	14,795	-	-
Sulfur	0.88	0.81	-	0.88	-	-
Ash	3.33	3.43	-	3.33	-	-
Tennessee						
Btu	13,056	13,111	13,135	13,056	13,135	-0.6
Sulfur	1.63	1.74	1.63	1.63	1.63	-0.1
Ash	6.59	6.85	6.71	6.59	6.71	-1.7
West South Central						
Btu	10,803	9,649	9,611	10,803	9,611	12.4
Sulfur	0.77	0.54	0.63	0.77	0.63	23.2
Ash	7.95	7.98	8.43	7.95	8.43	-5.7
Arkansas						
Btu	11,357	11,876	11,539	11,357	11,539	-1.6
Sulfur	1.26	0.97	1.15	1.26	1.15	9.6
Ash	8.91	9.70	10.37	8.91	10.37	-14.1
Louisiana						
Btu	8,140	7,799	7,489	8,140	7,489	8.7
Sulfur	0.64	0.56	0.64	0.64	0.64	0.4
Ash	5.98	5.80	5.66	5.98	5.66	5.7
Oklahoma						
Btu	13,720	9,591	9,834	13,720	9,834	39.5
Sulfur	0.76	0.30	0.32	0.76	0.32	136.6
Ash	6.30	5.21	5.21	6.30	5.21	20.9
Texas						
Btu	9,673	9,676	9,680	9,673	9,680	-0.1
Sulfur	0.61	0.58	0.64	0.61	0.64	-4.9
Ash	9.61	10.71	11.43	9.61	11.43	-15.9
Mountain						
Btu	10,535	10,354	10,467	10,535	10,467	0.7
Sulfur	0.54	0.47	0.55	0.54	0.55	-1.6
Ash	6.63	7.25	6.69	6.63	6.69	-0.9
Arizona						
Btu	11,728	11,841	11,446	11,728	11,446	2.5
Sulfur	0.71	0.76	0.53	0.71	0.53	32.5
Ash	11.24	12.46	12.53	11.24	12.53	-10.3
Colorado						
Btu	12,181	11,886	10,790	12,181	10,790	12.9
Sulfur	0.49	0.57	0.55	0.49	0.55	-9.7
Ash	9.13	9.46	7.50	9.13	7.50	21.6
Idaho						
Btu	12,025	11,853	11,152	12,025	11,152	7.8
Sulfur	0.45	0.53	0.51	0.45	0.51	-11.7
Ash	9.78	10.76	7.95	9.78	7.95	23.0
Montana						
Btu	8,283	8,412	8,684	8,283	8,684	-4.6
Sulfur	0.45	0.33	0.36	0.45	0.36	26.9
Ash	5.96	5.75	5.78	5.96	5.78	3.0
Nevada						
Btu	11,634	11,675	11,614	11,634	11,614	0.2
Sulfur	0.42	0.46	0.48	0.42	0.48	-12.9
Ash	9.23	9.94	9.34	9.23	9.34	-1.2
New Mexico						
Btu	12,261	12,255	12,244	12,261	12,244	0.1
Sulfur	0.61	0.67	0.87	0.61	0.87	-29.9

Census division and state ¹	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Ash	10.45	10.36	10.45	10.45	10.45	s
Utah						
Btu	11,312	11,346	11,581	11,312	11,581	-2.3
Sulfur	0.40	0.44	0.42	0.40	0.42	-6.4
Ash	11.15	11.26	10.81	11.15	10.81	3.1
Wyoming						
Btu	9,820	9,821	9,934	9,820	9,934	-1.1
Sulfur	0.58	0.47	0.60	0.58	0.60	-3.2
Ash	3.52	4.85	4.35	3.52	4.35	-19.2
Pacific						
Btu	11,450	11,589	11,480	11,450	11,480	-0.3
Sulfur	0.48	0.54	0.39	0.48	0.39	21.1
Ash	10.18	10.83	9.63	10.18	9.63	5.7
California						
Btu	11,591	11,726	11,575	11,591	11,575	0.1
Sulfur	0.49	0.55	0.40	0.49	0.40	23.0
Ash	10.71	11.23	9.87	10.71	9.87	8.4
Oregon						
Btu	11,861	11,144	11,555	11,861	11,555	2.6
Sulfur	0.40	0.42	0.38	0.40	0.38	5.3
Ash	8.94	10.06	10.41	8.94	10.41	-14.1
Washington						
Btu	9,504	9,400	9,464	9,504	9,464	0.4
Sulfur	0.33	0.33	0.30	0.33	0.30	10.0
Ash	3.98	4.17	3.90	3.98	3.90	2.1
U.S. Total						
Btu	11,845	11,771	11,894	11,845	11,894	-0.4
Sulfur	1.02	0.98	1.02	1.02	1.02	s
Ash	7.18	7.31	7.38	7.18	7.38	-2.7

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.' 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 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic						
Btu	12,836	12,721	13,133	12,836	13,133	-2.3
Sulfur	0.64	0.57	0.94	0.64	0.94	-32.2
Ash	7.07	6.12	7.83	7.07	7.83	-9.7
Pennsylvania						
Btu	12,836	12,721	13,133	12,836	13,133	-2.3
Sulfur	0.64	0.57	0.94	0.64	0.94	-32.2
Ash	7.07	6.12	7.83	7.07	7.83	-9.7
East North Central						
Btu	11,773	11,613	12,088	11,773	12,088	-2.6
Sulfur	2.26	2.72	2.35	2.26	2.35	-3.8
Ash	8.86	9.29	8.86	8.86	8.86	0.1
Illinois						
Btu	11,302	11,338	11,743	11,302	11,743	-3.8
Sulfur	3.19	3.38	3.28	3.19	3.28	-2.7
Ash	9.36	10.07	9.32	9.36	9.32	0.4
Indiana						
Btu	11,339	11,255	11,626	11,339	11,626	-2.5
Sulfur	1.78	2.64	2.15	1.78	2.15	-17.2
Ash	8.95	8.93	9.09	8.95	9.09	-1.5
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	10,215	10,290	10,287	10,215	10,287	-0.7
Sulfur	1.78	1.94	1.59	1.78	1.59	11.5
Ash	7.82	8.55	7.57	7.82	7.57	3.3
Iowa						
Btu	11,312	11,370	11,426	11,312	11,426	-1.0
Sulfur	2.85	2.90	2.45	2.85	2.45	16.3
Ash	8.40	8.59	8.42	8.40	8.42	-0.2
Minnesota						
Btu	8,983	9,492	8,960	8,983	8,960	0.3
Sulfur	0.29	0.35	0.27	0.29	0.27	8.8
Ash	4.75	4.09	5.14	4.75	5.14	-7.5
Missouri						
Btu	11,436	11,440	11,336	11,436	11,336	0.9
Sulfur	3.03	3.06	2.96	3.03	2.96	2.4
Ash	8.11	7.97	8.26	8.11	8.26	-1.8
North Dakota						
Btu	8,914	8,658	8,875	8,914	8,875	0.4
Sulfur	0.56	0.52	0.47	0.56	0.47	18.8
Ash	7.78	8.87	6.81	7.78	6.81	14.2
South Atlantic						
Btu	13,271	13,177	12,765	13,271	12,765	4.0
Sulfur	1.45	1.38	1.83	1.45	1.83	-20.8
Ash	6.96	7.32	9.84	6.96	9.84	-29.3
North Carolina						
Btu	13,152	13,091	12,591	13,152	12,591	4.5
Sulfur	1.80	1.57	2.06	1.80	2.06	-12.3
Ash	7.26	7.86	10.74	7.26	10.74	-32.3
Virginia						
Btu	13,464	13,425	13,634	13,464	13,634	-1.2
Sulfur	0.88	0.84	0.70	0.88	0.70	26.1
Ash	6.48	5.76	5.38	6.48	5.38	20.4
East South Central						

Census division and state ¹	January - March 2020	October - December 2019	January - March 2019	Year to date		Percent change
				2020	2019	
Btu	13,049	12,837	13,005	13,049	13,005	0.3
Sulfur	0.78	0.78	0.79	0.78	0.79	-1.3
Ash	6.58	4.68	7.03	6.58	7.03	-6.4
Kentucky						
Btu	13,049	12,837	13,005	13,049	13,005	0.3
Sulfur	0.78	0.78	0.79	0.78	0.79	-1.3
Ash	6.58	4.68	7.03	6.58	7.03	-6.4
Mountain						
Btu	11,399	11,417	11,364	11,399	11,364	0.3
Sulfur	0.48	0.45	0.45	0.48	0.45	6.2
Ash	12.46	10.15	12.78	12.46	12.78	-2.5
Colorado						
Btu	11,346	-	-	11,346	-	-
Sulfur	0.46	-	-	0.46	-	-
Ash	11.46	-	-	11.46	-	-
Montana						
Btu	-	10,590	-	-	-	-
Sulfur	-	0.36	-	-	-	-
Ash	-	6.50	-	-	-	-
Wyoming						
Btu	11,405	11,602	11,364	11,405	11,364	0.4
Sulfur	0.48	0.47	0.45	0.48	0.45	6.7
Ash	12.56	10.97	12.78	12.56	12.78	-1.7
Pacific						
Btu	7,423	7,431	7,550	7,423	7,550	-1.7
Sulfur	0.15	0.17	0.16	0.15	0.16	-7.4
Ash	7.23	7.95	7.02	7.23	7.02	3.1
Alaska						
Btu	7,423	7,431	7,550	7,423	7,550	-1.7
Sulfur	0.15	0.17	0.16	0.15	0.16	-7.4
Ash	7.23	7.95	7.02	7.23	7.02	3.1
U.S. Total						
Btu	9,432	9,679	9,939	9,432	9,939	-5.1
Sulfur	1.00	1.19	1.15	1.00	1.15	-13.0
Ash	7.69	8.23	7.96	7.69	7.96	-3.5

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

- = No data reported.

s = Absolute percentage less than 0.05.

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