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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 second-quarter 2020 QCR includes detailed quarterly coal data for April 2020 to June 2020 and aggregated quarterly historical coal data for 2014 through second-quarter 2020.

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

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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	22,540	166,774	-
April - June	187,098	2,197	2,123	23,430	166,866	21,836	163,264	-
July - September	196,440	2,333	2,609	23,430	203,482	24,571	145,060	-
October - December	193,933	1,357	2,301	23,999	172,796	27,998	142,957	-
Total	774,609	7,803	9,951		716,856	96,945		4,596
2018								
January - March	187,743	1,367	2,996	24,736	168,149	27,528	130,682	-
April - June	180,829	1,546	2,122	22,997	156,607	30,538	125,809	-
July - September	194,731	1,439	2,695	22,537	194,219	29,602	105,478	-
October - December	192,863	1,602	2,618	21,692	169,131	28,575	108,104	-
Total	756,167	5,954	10,431		688,105	116,244		5,363
2019								
January - March	179,817	1,689	2,649	23,158	157,744	25,213	101,991	-
April - June	179,781	1,604	1,946	21,878	129,609	25,929	122,358	-
July - September	181,461	1,681	1,576	23,073	167,225	21,960	116,489	-
October - December	165,250	1,723	1,833	24,438	131,960	20,663	134,018	-
Total	706,309	6,697	8,003		586,539	93,765		12,046
2020								
January - March	149,052	1,339	1,845	24,947*	109,268	19,977	150,828	-
April - June	115,192	1,146	1,562	24,128*	96,376	14,778	155,962	-
Total	264,245	2,485	3,407		205,644	34,755		8,103
2019 January - June	359,598	3,293	4,595		287,354	51,142		-
2018 January - June	368,573	2,913	5,118		324,756	58,067		-

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	2,951	234
July - September	3,411	5	465	3,087	278
October - December	3,386	25	558	2,860	458
Total	12,948	58		11,815	1,212
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	207
October - December	3,545	35	354	3,268	354
Total	13,806	117		12,976	1,151
2019					
January - March	3,170	6	331	3,008	190
April - June	3,348	40	401	3,097	222
July - September	3,214	30	408	2,995	242
October - December	3,137	40	440	2,832	313
Total	12,870	116		11,932	967
2020					
January - March	3,046	6	451	2,853	188
April - June	2,452	26	633	2,180	117
Total	5,498	32		5,033	305
2019 January - June	6,519	46		6,105	413
2018 January - June	6,698	72		6,297	590

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
April - June	12,386	17,145	6,035	35,565	32.07	34,260	34,260
Total	27,242	37,170	12,194	76,606	32.18	73,563	73,563

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	179,817	179,781	181,461	165,250	706,309
2020	149,052	115,192	-	-	264,245

- = No data reported.

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

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

Table 2. Coal production by state

(thousand short tons)

Coal-producing region and state	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Alabama	3,232	3,220	3,923	6,451	7,738	-16.6
Alaska	230	289	246	519	498	4.2
Arizona	-	-	1,760	-	3,263	-
Colorado	2,313	2,649	3,193	4,962	6,679	-25.7
Illinois	7,341	8,971	11,995	16,312	25,140	-35.1
Indiana	4,429	5,897	8,129	10,326	16,898	-38.9
Kentucky Total	4,292	7,192	9,430	11,483	19,471	-41.0
Eastern (Kentucky)	1,730	2,366	3,670	4,095	7,596	-46.1
Western (Kentucky)	2,562	4,826	5,760	7,388	11,875	-37.8
Louisiana	104	423	379	528	740	-28.7
Maryland	282	314	372	596	752	-20.7
Mississippi	783	560	782	1,343	1,378	-2.5
Missouri	39	43	49	82	99	-17.1
Montana	5,573	7,784	8,467	13,358	15,549	-14.1
New Mexico	2,155	3,148	3,985	5,303	7,713	-31.2
North Dakota	6,195	7,186	5,958	13,382	13,159	1.7
Ohio	706	1,249	2,381	1,954	4,321	-54.8
Oklahoma	-	1	57	1	120	-99.3
Pennsylvania Total	6,348	11,130	13,654	17,478	26,154	-33.2
Anthracite (Pennsylvania)	423	656	675	1,079	1,190	-9.3
Bituminous (Pennsylvania)	5,925	10,474	12,979	16,399	24,964	-34.3
Tennessee	-	92	108	92	179	-48.5
Texas	3,967	5,022	5,100	8,989	11,547	-22.1
Utah	3,136	3,521	3,922	6,657	8,080	-17.6
Virginia	1,900	3,101	3,152	5,001	6,250	-20.0
West Virginia Total	15,000	18,141	25,276	33,141	49,175	-32.6
Northern (West Virginia)	8,281	8,945	12,704	17,225	24,849	-30.7
Southern (West Virginia)	6,719	9,196	12,572	15,915	24,326	-34.6
Wyoming	47,090	59,034	67,282	106,123	134,409	-21.0
Appalachia Total	29,196	39,612	52,536	68,808	102,164	-32.6
Appalachia Central	10,349	14,755	19,502	25,104	38,351	-34.5
Appalachia Northern	15,616	21,637	29,111	37,253	56,076	-33.6
Appalachia Southern	3,232	3,220	3,923	6,451	7,738	-16.6
Interior Region Total	19,225	25,743	32,251	44,968	67,796	-33.7
Illinois Basin	14,332	19,694	25,884	34,026	53,912	-36.9
Interior	4,893	6,049	6,367	10,943	13,884	-21.2
Western Region Total	66,692	83,612	94,814	150,304	189,350	-20.6
Powder River Basin	49,197	62,637	71,439	111,834	141,854	-21.2
Uinta Region	5,140	5,910	6,914	11,050	14,374	-23.1
Western	12,354	15,064	16,461	27,419	33,122	-17.2
East of Mississippi River	44,311	59,866	79,202	104,177	157,454	-33.8
West of Mississippi River	70,802	89,101	100,398	159,903	201,856	-20.8
U.S. Subtotal	115,113	148,967	179,601	264,080	359,310	-26.5
Refuse recovery	79	85	180	164	288	-42.9
U.S. Total	115,192	149,052	179,781	264,245	359,598	-26.5

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

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

Table 3. Coke and breeze production at coke plants

(thousand short tons)

Census division	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	608	875	1,082	1,483	2,098	-29.3
East North Central	1,499	1,766	1,885	3,265	3,649	-10.5
South Atlantic	308	354	338	662	674	-1.8
East South Central	162	196	222	358	438	-18.3
U.S. Total	2,578	3,191	3,527	5,768	6,859	-15.9
Coke Total	2,452	3,046	3,348	5,498	6,519	-15.7
Breeze Total	126	145	179	270	341	-20.6

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.' 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	22,540	1,915	21,836	2,197	24,571	2,333	27,998	1,357	96,945	7,803
2018	27,528	1,367	30,538	1,546	29,602	1,439	28,575	1,602	116,244	5,954
2019	25,213	1,689	25,929	1,604	21,960	1,681	20,663	1,723	93,765	6,697
2020	19,977	1,339	14,778	1,146	-	-	-	-	34,755	2,485

- = 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	112.14	74.81	111.24	79.43	99.17	79.43	89.43	86.54	102.09	79.53
2018	106.94	71.87	103.75	82.95	99.48	91.02	108.69	83.08	104.63	82.39
2019	110.18	78.43	112.21	84.78	103.09	81.65	93.22	75.66	105.34	80.04
2020	90.54	69.46	91.37	80.42	-	-	-	-	90.90	74.51

- = 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	6,112,092	699,453	6,474	46	92,153	7,802,652
2018	-	770,364	4,060,581	915,188	28,624	-	179,398	5,954,155
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	1,249,906	133,890	7,511	-	74,304	1,681,364
October - December	-	221,989	1,330,632	135,805	31,634	-	3,162	1,723,222
U.S. Total	-	817,190	5,033,032	655,398	54,715	-	136,802	6,697,137
2020								
January - March	-	60,571	995,831	183,403	45,731	-	53,525	1,339,061
April - June	-	143,924	725,109	145,825	36,914	-	94,502	1,146,274
U.S. Total	-	204,495	1,720,940	329,228	82,645	-	148,027	2,485,335

**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	64.39	64.11	97.33	103.33	132.12	79.53
2018	-	191.25	61.39	75.42	132.01	-	117.88	82.39
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	62.77	67.10	96.13	-	148.37	80.04
2020								
January - March	-	132.73	61.66	62.88	89.14	-	148.68	69.46
April - June	-	149.26	63.99	82.19	77.37	-	100.10	80.42
U.S. Total	-	144.36	62.64	71.43	83.88	-	117.66	74.51

- = No data reported.

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

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

Table 7. U.S. coal exports

(short tons)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	2,025,313	1,030,864	2,533,605	3,056,177	4,220,628	-27.6
Canada*	1,034,732	202,662	1,620,734	1,237,394	1,834,144	-32.5
Dominican Republic	629,093	514,373	230,377	1,143,466	462,127	147.4
Guatemala	-	14,731	34,564	14,731	164,012	-91.0
Honduras	39,817	-	41,100	39,817	85,013	-53.2
Jamaica	31,967	21,930	35,548	53,897	68,750	-21.6
Mexico	194,505	216,298	449,946	410,803	1,363,895	-69.9
Trinidad and Tobago	95,078	60,731	121,254	155,809	242,510	-35.8
Other**	121	139	82	260	177	46.9
South America Total	1,512,490	2,375,678	2,492,464	3,888,168	4,973,901	-21.8
Argentina	11	103,986	93,484	103,997	177,521	-41.4
Brazil	1,342,823	2,270,780	2,089,663	3,613,603	4,152,568	-13.0
Chile	169,262	245	253,822	169,507	586,911	-71.1
Colombia	23	20	55,008	43	55,257	-99.9
Other**	371	647	487	1,018	1,644	-38.1
Europe Total	5,312,089	6,014,472	9,099,911	11,326,561	18,416,753	-38.5
Austria	417,683	471,662	672,083	889,345	1,349,351	-34.1
Belgium	148,123	98,135	237,459	246,258	324,562	-24.1
Croatia	308,802	368,011	400,518	676,813	975,294	-30.6
Finland	200,662	133,110	156,857	333,772	156,857	112.8
France	136,297	355,196	336,217	491,493	720,673	-31.8
Germany, Federal Republic of	62,998	206,498	470,759	269,496	1,004,093	-73.2
Greece	-	-	22,460	-	106,400	-
Italy	224,879	454,406	471,321	679,285	1,323,101	-48.7
Netherlands	1,064,131	1,462,882	3,056,479	2,527,013	6,239,038	-59.5
Poland	325,339	197,202	432,524	522,541	844,154	-38.1
Portugal	-	-	170,108	-	530,390	-
Romania	33,069	35,120	196,380	68,189	273,647	-75.1
Slovakia	-	62,428	61,168	62,428	72,210	-13.5
Slovenia	-	-	-	-	59,778	-
Spain	51,091	128,363	188,367	179,454	441,140	-59.3
Sweden	146,056	70,459	120,674	216,515	271,247	-20.2
Turkey	990,238	482,047	442,640	1,472,285	691,931	112.8
Ukraine	1,052,885	1,121,940	1,337,875	2,174,825	2,206,575	-1.4
United Kingdom	133,708	354,027	287,687	487,735	780,334	-37.5
Other**	16,128	12,986	38,335	29,114	45,978	-36.7
Asia Total	5,021,556	10,122,560	9,391,937	15,144,116	18,352,043	-17.5
China	82,820	448,981	577,314	531,801	868,984	-38.8
India	1,801,577	4,771,769	3,862,792	6,573,346	8,174,704	-19.6
Japan	1,292,086	1,631,670	3,088,700	2,923,756	5,785,385	-49.5
South Korea (Republic of Korea)	1,818,736	2,914,261	1,839,735	4,732,997	3,496,053	35.4
United Arab Emirates	23,236	25	11	23,261	33	NM
Other**	3,101	355,854	23,385	358,955	26,884	NM
Australia and Oceania Total	2,285	201	42	2,486	1,125	121.0
Other**	2,285	201	42	2,486	1,125	121.0
Africa Total	904,558	432,755	2,411,091	1,337,313	5,177,572	-74.2
Egypt	580,528	181,221	1,485,424	761,749	2,626,495	-71.0
Ghana	-	-	28,233	-	28,233	-
Morocco	214,262	195,721	785,505	409,983	2,228,043	-81.6
Senegal	45,480	-	33,069	45,480	33,069	37.5
South Africa	64,057	21	78,815	64,078	163,657	-60.8
Togo	-	-	-	-	98,030	-
Other**	231	55,792	45	56,023	45	NM
Total	14,778,291	19,976,530	25,929,050	34,754,821	51,142,022	-32.0

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	101.78	84.70	108.42	96.02	91.35	5.1
Canada*	105.89	96.66	121.77	104.38	117.12	-10.9
Dominican Republic	105.98	90.66	69.75	99.09	72.46	36.8
Guatemala	-	50.70	68.98	50.70	69.95	-27.5
Honduras	58.97	-	61.29	58.97	62.64	-5.9
Jamaica	63.50	63.50	63.50	63.50	75.79	-16.2
Mexico	82.00	54.97	77.55	67.77	56.36	20.2
Trinidad and Tobago	100.57	115.58	158.14	106.42	158.01	-32.6
Other**	156.50	329.73	401.13	249.11	270.59	-7.9
South America Total	98.00	104.72	136.22	102.11	136.39	-25.1
Argentina	335.91	101.05	176.20	101.07	175.08	-42.3
Brazil	102.23	104.78	146.03	103.83	146.51	-29.1
Chile	63.88	390.70	55.20	64.35	58.69	9.6
Colombia	291.09	520.00	67.55	397.56	68.55	480.0
Other**	309.39	370.11	323.09	347.98	418.20	-16.8
Europe Total	103.17	112.72	131.50	108.24	128.34	-15.7
Austria	123.68	128.08	173.79	126.01	178.64	-29.5
Belgium	81.17	138.15	168.61	103.88	173.11	-40.0
Croatia	111.41	115.92	158.37	113.87	166.62	-31.7
Finland	100.05	116.03	185.21	106.42	185.21	-42.5
France	115.16	118.83	136.85	117.81	148.68	-20.8
Germany, Federal Republic of	31.79	73.64	90.79	63.85	82.79	-22.9
Greece	-	-	64.24	-	63.15	-
Italy	92.62	104.56	120.60	100.60	119.80	-16.0
Netherlands	87.85	96.69	99.84	92.97	99.26	-6.3
Poland	109.71	120.79	133.84	113.89	134.52	-15.3
Portugal	-	-	108.86	-	86.70	-
Romania	110.79	100.79	115.44	105.64	126.49	-16.5
Slovakia	-	127.59	135.22	127.59	135.02	-5.5
Slovenia	-	-	-	-	70.76	-
Spain	123.14	148.77	179.50	141.47	153.90	-8.1
Sweden	102.94	123.42	162.97	109.61	171.52	-36.1
Turkey	116.34	114.85	137.56	115.85	132.85	-12.8
Ukraine	104.25	116.84	174.77	110.75	176.89	-37.4
United Kingdom	74.23	134.46	118.65	117.95	113.58	3.8
Other**	140.61	181.20	141.90	158.71	142.89	11.1
Asia Total	75.82	75.91	99.84	75.88	103.95	-27.0
China	120.03	106.82	129.51	108.87	128.08	-15.0
India	92.46	74.41	89.68	79.36	95.61	-17.0
Japan	82.73	99.72	121.43	92.21	126.42	-27.1
South Korea (Republic of Korea)	52.84	62.08	76.03	58.53	80.46	-27.3
United Arab Emirates	25.82	599.12	660.64	26.44	387.64	-93.2
Other**	205.05	61.12	68.05	62.36	77.14	-19.2
Australia and Oceania Total	37.79	341.90	201.14	62.38	144.90	-56.9
Other**	37.79	341.90	201.14	62.38	144.90	-56.9
Africa Total	74.16	60.46	66.72	69.73	67.98	2.6
Egypt	69.15	47.47	61.80	63.99	65.61	-2.5
Ghana	-	-	63.51	-	63.51	-
Morocco	81.70	71.17	69.30	76.67	65.28	17.4
Senegal	63.50	-	63.50	63.50	63.50	s
South Africa	100.20	3,324.10	136.08	101.25	143.60	-29.5
Togo	-	-	-	-	69.46	-
Other**	558.69	63.90	353.07	65.94	353.07	-81.3
Total	91.37	90.54	112.21	90.90	111.21	-18.3

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

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

- = No data reported.

s = Absolute percentage less than 0.05.

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

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

Table 9. U.S. steam coal exports

(short tons)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	991,038	892,247	879,938	1,883,285	2,288,398	-17.7
Canada*	131,228	125,660	197,421	256,888	377,213	-31.9
Dominican Republic	629,093	514,373	230,377	1,143,466	393,709	190.4
Guatemala	-	14,731	34,564	14,731	164,012	-91.0
Honduras	39,817	-	41,100	39,817	85,013	-53.2
Jamaica	31,967	21,930	35,548	53,897	68,750	-21.6
Mexico	124,141	215,310	340,703	339,451	1,199,379	-71.7
Trinidad and Tobago	34,671	104	143	34,775	145	NM
Other**	121	139	82	260	177	46.9
South America Total	376,104	207,313	318,983	583,417	817,921	-28.7
Argentina	11	17,493	118	17,504	118	NM
Brazil	206,437	188,908	9,548	395,345	173,991	127.2
Chile	169,262	245	253,822	169,507	586,911	-71.1
Colombia	23	20	55,008	43	55,257	-99.9
Other**	371	647	487	1,018	1,644	-38.1
Europe Total	874,122	662,232	2,545,899	1,536,354	5,550,036	-72.3
Austria	-	3	22	3	42	-92.9
Belgium	110,231	29	20,811	110,260	20,811	429.8
Finland	55,116	-	101	55,116	101	NM
France	23,038	-	77,944	23,038	77,944	-70.4
Germany, Federal Republic of	62,998	169,945	284,273	232,943	662,729	-64.9
Greece	-	-	22,460	-	106,400	-
Italy	21	151	20	172	287,867	-99.9
Netherlands	506,015	479,740	1,773,558	985,755	3,165,965	-68.9
Poland	172	-	156,287	172	236,927	-99.9
Portugal	-	-	82,673	-	352,014	-
Romania	-	10,746	-	10,746	-	-
Slovakia	-	13	20	13	39	-66.7
Slovenia	-	-	-	-	59,778	-
Spain	1,367	1,162	1,818	2,529	113,899	-97.8
Turkey	-	203	194	203	84,638	-99.8
Ukraine	42,155	-	-	42,155	-	-
United Kingdom	72,975	56	105,039	73,031	359,701	-79.7
Other**	34	184	20,679	218	21,181	-99.0
Asia Total	2,766,664	6,113,942	5,189,844	8,880,606	9,914,078	-10.4
China	147	341	127,865	488	129,290	-99.6
India	700,645	3,492,722	2,676,558	4,193,367	5,614,412	-25.3
Japan	728,324	451,868	1,131,935	1,180,192	2,152,158	-45.2
South Korea (Republic of Korea)	1,311,221	1,813,250	1,248,829	3,124,471	2,010,140	55.4
United Arab Emirates	23,236	25	11	23,261	33	NM
Other**	3,091	355,736	4,646	358,827	8,045	NM
Australia and Oceania Total	2,285	201	42	2,486	1,125	121.0
Other**	2,285	201	42	2,486	1,125	121.0
Africa Total	763,361	432,755	2,135,435	1,196,116	4,676,134	-74.4
Egypt	503,366	181,221	1,288,583	684,587	2,288,714	-70.1
Ghana	-	-	28,233	-	28,233	-
Morocco	214,262	195,721	785,505	409,983	2,228,043	-81.6
Senegal	45,480	-	33,069	45,480	33,069	37.5
South Africa	22	21	-	43	-	-
Togo	-	-	-	-	98,030	-
Other**	231	55,792	45	56,023	45	NM
Total	5,773,574	8,308,690	11,070,141	14,082,264	23,247,692	-39.4

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

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

Table 10. Average price of U.S. steam coal exports

(dollars per short ton)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	96.19	80.51	66.13	88.76	56.88	56.0
Canada*	94.91	89.37	91.81	92.20	82.57	11.7
Dominican Republic	105.98	90.66	69.75	99.09	69.26	43.1
Guatemala	-	50.70	68.98	50.70	69.95	-27.5
Honduras	58.97	-	61.29	58.97	62.64	-5.9
Jamaica	63.50	63.50	63.50	63.50	75.79	-16.2
Mexico	62.23	54.52	49.16	57.34	41.39	38.5
Trinidad and Tobago	117.74	489.61	401.36	118.85	415.14	-71.4
Other**	156.50	329.73	401.13	249.11	270.59	-7.9
South America Total	63.80	62.76	61.09	63.43	70.19	-9.6
Argentina	335.91	61.86	342.00	62.03	342.00	-81.9
Brazil	63.26	61.31	163.63	62.33	106.04	-41.2
Chile	63.88	390.70	55.20	64.35	58.69	9.6
Colombia	291.09	520.00	67.55	397.56	68.55	480.0
Other**	309.39	370.11	323.09	347.98	418.20	-16.8
Europe Total	61.32	60.60	64.00	61.01	64.46	-5.4
Austria	-	1,597.67	471.45	1,597.67	493.90	223.5
Belgium	63.50	349.59	68.01	63.58	68.01	-6.5
Finland	63.50	-	435.38	63.50	435.38	-85.4
France	62.00	-	58.97	62.00	58.97	5.1
Germany, Federal Republic of	31.79	69.96	45.01	59.64	54.24	10.0
Greece	-	-	64.24	-	63.15	-
Italy	317.52	555.89	459.00	526.79	63.64	NM
Netherlands	65.52	55.43	65.50	60.61	64.38	-5.9
Poland	285.22	-	63.50	285.22	61.96	360.3
Portugal	-	-	108.86	-	86.01	-
Romania	-	90.72	-	90.72	-	-
Slovakia	-	2,446.15	1,970.40	2,446.15	2,223.26	10.0
Slovenia	-	-	-	-	70.76	-
Spain	389.04	293.44	297.06	345.11	96.28	258.4
Turkey	-	532.00	537.99	532.00	64.86	NM
Ukraine	28.47	-	-	28.47	-	-
United Kingdom	64.31	1,016.41	37.12	65.04	50.34	29.2
Other**	939.12	192.93	142.74	309.31	141.29	118.9
Asia Total	52.77	53.19	69.05	53.06	70.03	-24.2
China	530.56	349.06	132.11	403.73	133.23	203.0
India	71.15	62.80	68.85	64.20	72.67	-11.7
Japan	67.08	52.99	82.24	61.68	83.80	-26.4
South Korea (Republic of Korea)	35.08	33.10	50.86	33.93	43.62	-22.2
United Arab Emirates	25.82	599.12	660.64	26.44	387.64	-93.2
Other**	203.66	61.09	118.24	62.32	126.36	-50.7
Australia and Oceania Total	37.79	341.90	201.14	62.38	144.90	-56.9
Other**	37.79	341.90	201.14	62.38	144.90	-56.9
Africa Total	68.93	60.46	60.73	65.87	62.37	5.6
Egypt	63.75	47.47	55.37	59.44	59.20	0.4
Ghana	-	-	63.51	-	63.51	-
Morocco	81.70	71.17	69.30	76.67	65.28	17.4
Senegal	63.50	-	63.50	63.50	63.50	s
South Africa	280.45	3,324.10	-	1,766.88	-	-
Togo	-	-	-	-	69.46	-
Other**	558.69	63.90	353.07	65.94	353.07	-81.3
Total	64.37	57.34	65.82	60.22	65.88	-8.6

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

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

- = No data reported.

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

s = Absolute percentage less than 0.05.

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

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

Table 11. U.S. metallurgical coal exports

(short tons)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	1,034,275	138,617	1,653,667	1,172,892	1,932,230	-39.3
Canada*	903,504	77,002	1,423,313	980,506	1,456,931	-32.7
Dominican Republic	-	-	-	-	68,418	-
Mexico	70,364	988	109,243	71,352	164,516	-56.6
Trinidad and Tobago	60,407	60,627	121,111	121,034	242,365	-50.1
South America Total	1,136,386	2,168,365	2,173,481	3,304,751	4,155,980	-20.5
Argentina	-	86,493	93,366	86,493	177,403	-51.2
Brazil	1,136,386	2,081,872	2,080,115	3,218,258	3,978,577	-19.1
Europe Total	4,437,967	5,352,240	6,554,012	9,790,207	12,866,717	-23.9
Austria	417,683	471,659	672,061	889,342	1,349,309	-34.1
Belgium	37,892	98,106	216,648	135,998	303,751	-55.2
Croatia	308,802	368,011	400,518	676,813	975,294	-30.6
Finland	145,546	133,110	156,756	278,656	156,756	77.8
France	113,259	355,196	258,273	468,455	642,729	-27.1
Germany, Federal Republic of	-	36,553	186,486	36,553	341,364	-89.3
Italy	224,858	454,255	471,301	679,113	1,035,234	-34.4
Netherlands	558,116	983,142	1,282,921	1,541,258	3,073,073	-49.8
Poland	325,167	197,202	276,237	522,369	607,227	-14.0
Portugal	-	-	87,435	-	178,376	-
Romania	33,069	24,374	196,380	57,443	273,647	-79.0
Slovakia	-	62,415	61,148	62,415	72,171	-13.5
Spain	49,724	127,201	186,549	176,925	327,241	-45.9
Sweden	146,056	70,459	120,674	216,515	271,247	-20.2
Turkey	990,238	481,844	442,446	1,472,082	607,293	142.4
Ukraine	1,010,730	1,121,940	1,337,875	2,132,670	2,206,575	-3.3
United Kingdom	60,733	353,971	182,648	414,704	420,633	-1.4
Other**	16,094	12,802	17,656	28,896	24,797	16.5
Asia Total	2,254,892	4,008,618	4,202,093	6,263,510	8,437,965	-25.8
China	82,673	448,640	449,449	531,313	739,694	-28.2
India	1,100,932	1,279,047	1,186,234	2,379,979	2,560,292	-7.0
Japan	563,762	1,179,802	1,956,765	1,743,564	3,633,227	-52.0
South Korea (Republic of Korea)	507,515	1,101,011	590,906	1,608,526	1,485,913	8.3
Other**	10	118	18,739	128	18,839	-99.3
Africa Total	141,197	-	275,656	141,197	501,438	-71.8
Egypt	77,162	-	196,841	77,162	337,781	-77.2
South Africa	64,035	-	78,815	64,035	163,657	-60.9
Total	9,004,717	11,667,840	14,858,909	20,672,557	27,894,330	-25.9

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	107.14	111.67	130.92	107.68	132.17	-18.5
Canada*	107.48	108.55	125.93	107.57	126.07	-14.7
Dominican Republic	-	-	-	-	90.91	-
Mexico	116.87	155.07	166.10	117.40	165.49	-29.1
Trinidad and Tobago	90.72	114.94	157.85	102.85	157.85	-34.8
South America Total	109.31	108.73	147.24	108.93	149.42	-27.1
Argentina	-	108.97	175.99	108.97	174.97	-37.7
Brazil	109.31	108.72	145.95	108.93	148.28	-26.5
Europe Total	111.41	119.17	157.72	115.65	155.89	-25.8
Austria	123.68	128.07	173.78	126.01	178.63	-29.5
Belgium	132.55	138.09	178.27	136.55	180.31	-24.3
Croatia	111.41	115.92	158.37	113.87	166.62	-31.7
Finland	113.89	116.03	185.04	114.91	185.04	-37.9
France	125.97	118.83	160.36	120.56	159.56	-24.4
Germany, Federal Republic of	-	90.72	160.56	90.72	138.21	-34.4
Italy	92.60	104.41	120.58	100.50	135.41	-25.8
Netherlands	108.10	116.83	147.31	113.67	135.19	-15.9
Poland	109.62	120.79	173.64	113.84	162.83	-30.1
Portugal	-	-	108.86	-	88.05	-
Romania	110.79	105.23	115.44	108.43	126.49	-14.3
Slovakia	-	127.11	134.62	127.11	133.89	-5.1
Spain	115.83	147.45	178.35	138.56	173.95	-20.3
Sweden	102.94	123.42	162.97	109.61	171.52	-36.1
Turkey	116.34	114.67	137.38	115.80	142.32	-18.6
Ukraine	107.42	116.84	174.77	112.37	176.89	-36.5
United Kingdom	86.15	134.32	165.54	127.26	167.66	-24.1
Other**	138.92	181.03	140.90	157.58	144.26	9.2
Asia Total	104.10	110.57	137.88	108.24	143.80	-24.7
China	119.30	106.63	128.77	108.60	127.18	-14.6
India	106.03	106.11	136.68	106.07	145.91	-27.3
Japan	102.96	117.62	144.10	112.88	151.67	-25.6
South Korea (Republic of Korea)	98.72	109.81	129.22	106.31	130.28	-18.4
Other**	635.70	129.22	55.61	168.79	56.13	200.7
Africa Total	102.43	-	113.12	102.43	120.32	-14.9
Egypt	104.33	-	103.93	104.33	109.04	-4.3
South Africa	100.14	-	136.08	100.14	143.60	-30.3
Total	108.69	114.19	146.76	111.79	148.99	-25.0

* 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.

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

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

Table 13. U.S. coal exports by customs district

(short tons)

Customs district	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Eastern Total	9,369,084	13,671,955	16,238,462	23,041,039	31,728,537	-27.4
Baltimore, MD	2,791,245	5,081,789	6,577,202	7,873,034	13,018,987	-39.5
Buffalo, NY	551,670	62,472	1,024,982	614,142	1,027,243	-40.2
New York City, NY	1,120	771	2,739	1,891	4,557	-58.5
Norfolk, VA	6,002,645	8,409,210	8,599,709	14,411,855	17,623,298	-18.2
Ogdensburg, NY	13,772	40,394	24,262	54,166	35,791	51.3
Philadelphia, PA	8,611	77,244	9,310	85,855	18,268	370.0
Portland, ME	-	-	258	-	288	-
St. Albans, VT	21	75	-	96	105	-8.6
Southern Total	3,198,049	4,005,683	6,975,491	7,203,732	14,594,228	-50.6
Charleston, SC	-	190	161	190	161	18.0
El Paso, TX	39,161	38,547	52,908	77,708	113,807	-31.7
Houston-Galveston, TX	3,631	3,294	110,424	6,925	447,918	-98.5
Laredo, TX	86,062	177,607	219,917	263,669	742,303	-64.5
Miami, FL	117	133	406	250	1,326	-81.1
Mobile, AL	2,452,130	2,387,161	3,454,913	4,839,291	6,307,707	-23.3
New Orleans, LA	614,607	1,398,475	3,082,641	2,013,082	6,925,859	-70.9
Port Arthur, TX	-	-	54,013	-	54,013	-
Savannah, GA	2,304	276	88	2,580	1,080	138.9
Tampa, FL	37	-	20	37	54	-31.5
Western Total	1,842,307	2,267,553	2,251,448	4,109,860	4,309,225	-4.6
Anchorage, AK	35,282	-	-	35,282	-	-
Great Falls, MT	357	66	134	423	311	36.0
Los Angeles, CA	189,216	13,235	411,165	202,451	759,033	-73.3
Nogales, AZ	23	48	15,076	71	291,154	-100.0
San Diego, CA	73	96	234	169	256	-34.0
San Francisco, CA	336,183	356,478	697,598	692,661	1,369,177	-49.4
Seattle, WA	1,281,173	1,897,630	1,127,241	3,178,803	1,889,294	68.3
Northern Total	367,986	22,878	450,336	390,864	489,063	-20.1
Chicago, IL	1,323	-	42	1,323	64	NM
Cleveland, OH	351,634	13,821	408,286	365,455	438,515	-16.7
Detroit, MI	10,818	5,848	36,334	16,666	42,669	-60.9
Duluth, MN	36	85	39	121	39	210.3
Pembina, ND	4,175	3,124	5,635	7,299	7,776	-6.1
Other Ports	865	8,461	13,313	9,326	20,969	-55.5
Total	14,778,291	19,976,530	25,929,050	34,754,821	51,142,022	-32.0

- = No data reported.

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

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

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

Table 14. Steam coal exports by customs district

(short tons)

Customs district	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Eastern Total	2,421,335	4,390,600	5,127,131	6,811,935	10,472,288	-35.0
Baltimore, MD	1,607,736	3,185,560	3,930,340	4,793,296	7,350,852	-34.8
Buffalo, NY	765	2,148	1,739	2,913	3,799	-23.3
New York City, NY	1,063	771	2,739	1,834	4,557	-59.8
Norfolk, VA	790,308	1,164,406	1,160,828	1,954,714	3,063,957	-36.2
Ogdensburg, NY	12,852	37,579	21,917	50,431	30,567	65.0
Philadelphia, PA	8,611	82	9,310	8,693	18,268	-52.4
Portland, ME	-	-	258	-	288	-
St. Albans, VT	-	54	-	54	-	-
Southern Total	1,492,739	1,633,040	3,625,858	3,125,779	8,384,525	-62.7
El Paso, TX	39,161	38,547	52,890	77,708	113,789	-31.7
Houston-Galveston, TX	3,631	3,294	110,424	6,925	447,918	-98.5
Laredo, TX	84,884	176,619	218,490	261,503	740,167	-64.7
Miami, FL	117	133	406	250	1,326	-81.1
Mobile, AL	764,102	94,966	301,163	859,068	417,580	105.7
New Orleans, LA	598,513	1,319,323	2,888,364	1,917,836	6,608,698	-71.0
Port Arthur, TX	-	-	54,013	-	54,013	-
Savannah, GA	2,294	158	88	2,452	980	150.2
Tampa, FL	37	-	20	37	54	-31.5
Western Total	1,842,307	2,267,553	2,251,228	4,109,860	4,309,005	-4.6
Anchorage, AK	35,282	-	-	35,282	-	-
Great Falls, MT	357	66	134	423	311	36.0
Los Angeles, CA	189,216	13,235	410,945	202,451	758,813	-73.3
Nogales, AZ	23	48	15,076	71	291,154	-100.0
San Diego, CA	73	96	234	169	256	-34.0
San Francisco, CA	336,183	356,478	697,598	692,661	1,369,177	-49.4
Seattle, WA	1,281,173	1,897,630	1,127,241	3,178,803	1,889,294	68.3
Northern Total	16,328	9,036	55,303	25,364	63,597	-60.1
Chicago, IL	1,323	-	42	1,323	64	NM
Cleveland, OH	-	-	31,238	-	31,249	-
Detroit, MI	10,794	5,848	18,349	16,642	24,469	-32.0
Duluth, MN	36	64	39	100	39	156.4
Pembina, ND	4,175	3,124	5,635	7,299	7,776	-6.1
Other Ports	865	8,461	10,621	9,326	18,277	-49.0
Total	5,773,574	8,308,690	11,070,141	14,082,264	23,247,692	-39.4

- = No data reported.

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

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

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

Table 15. Metallurgical coal exports by customs district

(short tons)

Customs district	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Eastern Total	6,947,749	9,281,355	11,111,331	16,229,104	21,256,249	-23.7
Baltimore, MD	1,183,509	1,896,229	2,646,862	3,079,738	5,668,135	-45.7
Buffalo, NY	550,905	60,324	1,023,243	611,229	1,023,444	-40.3
New York City, NY	57	-	-	57	-	-
Norfolk, VA	5,212,337	7,244,804	7,438,881	12,457,141	14,559,341	-14.4
Ogdensburg, NY	920	2,815	2,345	3,735	5,224	-28.5
Philadelphia, PA	-	77,162	-	77,162	-	-
St. Albans, VT	21	21	-	42	105	-60.0
Southern Total	1,705,310	2,372,643	3,349,633	4,077,953	6,209,703	-34.3
Charleston, SC	-	190	161	190	161	18.0
El Paso, TX	-	-	18	-	18	-
Laredo, TX	1,178	988	1,427	2,166	2,136	1.4
Mobile, AL	1,688,028	2,292,195	3,153,750	3,980,223	5,890,127	-32.4
New Orleans, LA	16,094	79,152	194,277	95,246	317,161	-70.0
Savannah, GA	10	118	-	128	100	28.0
Western Total	-	-	220	-	220	-
Los Angeles, CA	-	-	220	-	220	-
Northern Total	351,658	13,842	395,033	365,500	425,466	-14.1
Cleveland, OH	351,634	13,821	377,048	365,455	407,266	-10.3
Detroit, MI	24	-	17,985	24	18,200	-99.9
Duluth, MN	-	21	-	21	-	-
Other Ports	-	-	2,692	-	2,692	-
Total	9,004,717	11,667,840	14,858,909	20,672,557	27,894,330	-25.9

- = No data reported.

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

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

Table 16. U.S. coke exports

(short tons)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	116,586	156,661	221,695	273,247	386,255	-29.3
Canada*	108,416	140,862	192,127	249,278	326,182	-23.6
Mexico	8,015	15,618	29,426	23,633	59,695	-60.4
Other**	155	181	142	336	378	-11.1
South America Total	-	22	23	22	43	-48.8
Other**	-	22	23	22	43	-48.8
Europe Total	78	30,388	148	30,466	394	NM
Other**	78	30,388	148	30,466	394	NM
Asia Total	422	507	428	929	653	42.3
Other**	422	507	428	929	653	42.3
Australia and Oceania Total	107	84	125	191	170	12.4
Other**	107	84	125	191	170	12.4
Africa Total	-	-	-	-	25,165	-
Other**	-	-	-	-	25,165	-
Total	117,193	187,662	222,419	304,855	412,680	-26.1

* 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.

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

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

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

Table 17. Average Price of U.S. coke exports

(dollars per short ton)

Continent and country of destination	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	253.15	321.01	297.47	292.05	300.93	-3.0
Canada*	243.72	311.49	297.53	282.02	297.72	-5.3
Mexico	373.76	403.62	295.17	393.49	316.40	24.4
Other**	611.54	597.62	688.65	604.04	631.60	-4.4
South America Total	-	553.55	666.43	553.55	599.26	-7.6
Other**	-	553.55	666.43	553.55	599.26	-7.6
Europe Total	440.92	91.44	386.76	92.33	402.89	-77.1
Other**	440.92	91.44	386.76	92.33	402.89	-77.1
Asia Total	646.51	648.90	854.18	647.81	912.00	-29.0
Other**	646.51	648.90	854.18	647.81	912.00	-29.0
Australia and Oceania Total	416.77	458.55	410.98	435.14	431.64	0.8
Other**	416.77	458.55	410.98	435.14	431.64	0.8
Africa Total	-	-	-	-	90.72	-
Other**	-	-	-	-	90.72	-
Total	254.84	284.81	298.70	273.29	289.26	-5.5

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	143,924	60,587	233,437	204,511	380,433	-46.2
Canada	143,924	60,571	233,037	204,495	379,448	-46.1
Mexico	-	16	400	16	985	-98.4
South America Total	725,171	995,900	1,147,417	1,721,071	2,452,664	-29.8
Brazil	-	7	24	7	24	-70.8
Colombia	725,109	995,831	1,147,247	1,720,940	2,452,494	-29.8
Peru	62	62	146	124	146	-15.1
Europe Total	94,239	53,440	515	147,679	33,930	335.2
Belgium	-	446	-	446	-	-
Germany, Federal Republic of	343	183	370	526	745	-29.4
Greece	-	-	8	-	8	-
Russia	93,865	52,767	-	146,632	32,988	344.5
Sweden	-	10	-	10	-	-
United Kingdom	31	34	137	65	189	-65.6
Asia Total	182,940	229,134	198,132	412,074	401,273	2.7
China	36,914	45,731	10,533	82,645	15,570	430.8
Indonesia	145,825	183,403	187,599	329,228	385,703	-14.6
Philippines	201	-	-	201	-	-
Africa Total	-	-	24,251	-	24,251	-
South Africa	-	-	24,251	-	24,251	-
Total	1,146,274	1,339,061	1,603,752	2,485,335	3,292,551	-24.5

- = No data reported.

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

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

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

(dollars per short ton)

Continent and country of origin	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	149.26	132.82	195.71	144.39	193.64	-25.4
Canada	149.26	132.73	195.79	144.36	193.78	-25.5
Mexico	-	477.50	144.70	477.50	139.38	242.6
South America Total	64.01	61.67	64.35	62.66	65.15	-3.8
Brazil	-	385.71	308.46	385.71	308.46	25.0
Colombia	63.99	61.66	64.32	62.64	65.14	-3.8
Peru	277.42	277.68	267.76	277.55	267.76	3.7
Europe Total	100.06	148.40	78.05	117.55	171.93	-31.6
Belgium	-	321.09	-	321.09	-	-
Germany, Federal Republic of	74.85	74.90	74.89	74.87	74.79	0.1
Greece	-	-	284.00	-	284.00	-
Russia	100.07	146.97	-	116.95	174.23	-32.9
Sweden	-	375.00	-	375.00	-	-
United Kingdom	325.16	436.76	74.56	383.54	148.20	158.8
Asia Total	81.20	68.12	68.02	73.93	65.27	13.3
China	77.37	89.14	172.54	83.88	141.73	-40.8
Indonesia	82.19	62.88	62.15	71.43	62.18	14.9
Philippines	65.82	-	-	65.82	-	-
Africa Total	-	-	120.65	-	120.65	-
South Africa	-	-	120.65	-	120.65	-
U.S. Total*	80.42	69.46	84.78	74.51	81.52	-8.6

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

- = No data reported.

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

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

Table 20. Coal imports by customs district

(short tons)

Customs district	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Eastern Total	368	41,421	83,141	41,789	119,719	-65.1
Baltimore, MD	214	-	-	214	-	-
Buffalo, NY	22	79	45	101	203	-50.2
New York City, NY	132	-	311	132	355	-62.8
Norfolk, VA	-	10	-	10	-	-
Portland, ME	-	41,332	82,785	41,332	119,161	-65.3
Southern Total	855,584	1,053,521	1,099,116	1,909,105	2,405,946	-20.7
Houston-Galveston, TX	14,878	10,494	804	25,372	804	NM
Laredo, TX	-	16	11	16	11	45.5
Miami, FL	66	-	67	66	33,827	-99.8
Mobile, AL	222,189	516,452	607,006	738,641	1,309,661	-43.6
New Orleans, LA	21,666	35,745	12,617	57,411	50,576	13.5
San Juan, PR	481,732	419,919	369,622	901,651	793,192	13.7
Savannah, GA	-	-	22	-	22	-
Tampa, FL	115,053	70,895	108,967	185,948	217,853	-14.6
Western Total	152,333	188,436	255,095	340,769	510,682	-33.3
Columbia-Snake, OR	201	-	-	201	-	-
Great Falls, MT	1,617	2,157	64,268	3,774	117,601	-96.8
Honolulu, HI	145,825	183,403	187,599	329,228	385,703	-14.6
Nogales, AZ	-	-	389	-	974	-
San Francisco, CA	31	31	-	62	31	100.0
Seattle, WA	4,659	2,845	2,839	7,504	6,373	17.7
Northern Total	137,989	55,683	166,400	193,672	256,204	-24.4
Chicago, IL	20	7	8	27	30	-10.0
Cleveland, OH	343	183	370	526	745	-29.4
Detroit, MI	64,084	441	97,470	64,525	132,670	-51.4
Duluth, MN	2,402	635	1,002	3,037	1,203	152.5
Pembina, ND	71,140	54,417	67,550	125,557	121,556	3.3
Total	1,146,274	1,339,061	1,603,752	2,485,335	3,292,551	-24.5

- = No data reported.

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

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

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

Table 21. U.S. coke imports

(short tons)

Continent and country of origin	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	222	375	10,470	597	12,846	-95.4
Canada	222	375	10,470	597	12,846	-95.4
South America Total	-	-	12,100	-	12,100	-
Chile	-	-	12,100	-	12,100	-
Europe Total	21,394	1,202	11,472	22,596	11,977	88.7
Czech Republic	17,811	-	-	17,811	-	-
Germany, Federal Republic of	21	-	-	21	-	-
Italy	3,559	1,152	147	4,711	648	NM
Poland	-	-	11,322	-	11,322	-
United Kingdom	3	50	3	53	7	NM
Asia Total	688	554	776	1,242	1,456	-14.7
China	23	36	-	59	72	-18.1
India	-	20	-	20	-	-
Japan	665	498	776	1,163	1,384	-16.0
Africa Total	4,120	3,504	5,197	7,624	7,748	-1.6
Egypt	14	-	14	14	14	s
South Africa	4,106	3,504	5,183	7,610	7,734	-1.6
U.S. Total	26,424	5,635	40,015	32,059	46,127	-30.5

- = No data reported.

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

s = Absolute percentage less than 0.05.

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

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

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

(dollars per short ton)

Continent and country of origin	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
North America Total	280.80	268.02	239.18	272.77	236.07	15.5
Canada	280.80	268.02	239.18	272.77	236.07	15.5
South America Total	-	-	185.00	-	185.00	-
Chile	-	-	185.00	-	185.00	-
Europe Total	345.34	326.80	345.25	344.36	346.59	-0.6
Czech Republic	335.66	-	-	335.66	-	-
Germany, Federal Republic of	541.05	-	-	541.05	-	-
Italy	392.10	317.67	372.50	373.90	372.15	0.5
Poland	-	-	344.73	-	344.73	-
United Kingdom	1,000.00	537.20	1,000.00	563.40	1,000.00	-43.7
Asia Total	350.40	402.64	317.30	373.70	343.56	8.8
China	1,305.65	1,460.53	-	1,400.15	848.86	64.9
India	-	621.00	-	621.00	-	-
Japan	317.36	317.39	317.30	317.37	317.27	s
Africa Total	371.17	521.01	587.88	440.04	581.56	-24.3
Egypt	1,574.71	-	2,997.93	1,574.71	2,997.93	-47.5
South Africa	367.07	521.01	581.37	437.95	577.18	-24.1
U.S. Total	348.96	451.11	300.01	366.92	312.80	17.3

- = 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	762	1,276	1,441	2,038	2,978	-31.6
East North Central	2,016	2,215	2,834	4,230	5,217	-18.9
South Atlantic	404	444	427	849	931	-8.8
East South Central	168	185	247	353	538	-34.5
U.S. Total	3,350	4,120	4,949	7,470	9,665	-22.7

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 24. Average price of coal receipts at coke plants by census division

(dollars per short ton)

Census division	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	w	w	w	w	w	w
East North Central	138.01	140.45	161.18	139.29	157.43	-11.5
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	128.57	129.81	148.87	129.26	145.61	-11.2

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Coke						
Sales	1,233	1,550	1,635	2,783	3,230	-13.8
Average Price	334.40	333.35	345.61	333.82	341.86	-2.4
Breeze						
Sales	90	89	104	179	202	-11.5
Average Price	96.90	89.30	108.92	93.12	99.20	-6.1

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 26. Coal receipts at other industrial plants by census division and state

(thousand short tons)

Census division and state	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
New England	4	7	4	11	11	-3.8
Maine	4	7	3	11	9	14.8
Massachusetts	-	-	1	-	2	-
Middle Atlantic	125	180	240	305	427	-28.6
New York	15	70	110	84	156	-45.9
Pennsylvania	110	110	131	221	271	-18.7
East North Central	968	1,412	1,445	2,379	2,840	-16.2
Illinois	564	644	522	1,208	1,204	0.4
Indiana	172	454	446	626	773	-19.1
Michigan	40	40	176	80	242	-66.9
Ohio	74	119	104	193	226	-14.5
Wisconsin	118	154	197	272	396	-31.4
West North Central	2,527	2,788	2,713	5,315	5,592	-5.0
Iowa	534	559	536	1,093	1,126	-2.9
Kansas	9	9	21	18	54	-66.3
Minnesota	55	212	214	267	522	-48.8
Missouri	216	189	199	404	398	1.7
Nebraska	220	266	241	487	483	0.7
North Dakota	1,426	1,515	1,415	2,941	2,869	2.5
South Dakota	65	38	86	104	140	-25.9
South Atlantic	459	476	697	935	1,454	-35.7
Florida	49	31	134	81	279	-71.0
Georgia	42	51	67	92	185	-50.0
Maryland	109	74	148	183	267	-31.3
North Carolina	95	96	97	192	204	-6.1
South Carolina	27	41	45	68	96	-29.3
Virginia	65	93	108	158	238	-33.7
West Virginia	71	90	98	161	186	-13.1
East South Central	498	650	699	1,148	1,416	-18.9
Alabama	110	167	215	277	438	-36.7
Kentucky	123	141	180	264	366	-28.0
Mississippi	30	18	-	48	-	-
Tennessee	236	324	304	560	612	-8.5
West South Central	183	219	259	401	547	-26.6
Arkansas	35	40	31	74	76	-2.5
Louisiana	42	39	44	81	97	-17.0
Oklahoma	29	59	45	89	127	-30.0
Texas	76	81	139	158	247	-36.2
Mountain	572	726	723	1,298	1,492	-13.0
Arizona	59	83	96	143	153	-6.8
Colorado	26	32	41	58	107	-45.9
Idaho	20	18	2	39	15	155.3
Montana	24	40	34	64	74	-13.9
Nevada	88	73	59	162	134	20.9
New Mexico	19	14	16	33	31	4.5
Utah	60	94	89	154	175	-11.9
Wyoming	274	372	385	647	802	-19.4
Pacific	264	384	388	648	768	-15.6
Alaska	s	s	s	1	1	s
California	246	346	351	591	698	-15.3
Oregon	5	10	10	15	27	-45.3
Washington	14	27	26	41	42	-3.2
U.S. Total	5,599	6,842	7,168	12,440	14,547	-14.5

- = No data reported.

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

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

Table 27. Average price of coal receipts at other industrial plants by census division and state

(dollars per short ton)

Census division and state	April - June 2020	January - March 2020	April - June 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	-
Middle Atlantic	88.68	90.43	84.79	89.71	85.51	4.9
New York	w	w	w	w	w	w
Pennsylvania	w	w	w	w	w	w
East North Central	64.98	76.70	80.17	71.93	76.73	-6.3
Illinois	45.48	44.79	w	45.11	w	w
Indiana	94.13	109.46	w	105.25	w	w
Michigan	83.64	110.81	99.17	97.29	101.23	-3.9
Ohio	108.29	102.73	96.76	104.86	97.96	7.0
Wisconsin	82.32	84.65	84.72	83.64	84.70	-1.3
West North Central	26.37	27.44	28.38	26.93	29.22	-7.8
Iowa	35.54	w	34.30	w	w	w
Kansas	w	w	w	w	w	w
Minnesota	47.52	48.38	48.05	48.20	49.30	-2.2
Missouri	49.18	51.17	54.75	50.11	53.65	-6.6
Nebraska	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	91.99	99.03	102.69	95.58	102.32	-6.6
Florida	w	113.25	113.94	w	w	w
Georgia	86.61	96.79	117.70	92.22	106.23	-13.2
Maryland	w	w	w	w	w	w
North Carolina	90.58	98.39	107.27	94.51	108.54	-12.9
South Carolina	101.44	99.90	99.65	100.52	99.91	0.6
Virginia	93.04	92.89	103.20	92.95	98.56	-5.7
West Virginia	w	w	w	w	w	w
East South Central	109.41	100.28	95.36	104.24	96.07	8.5
Alabama	w	w	94.81	w	w	w
Kentucky	127.48	119.99	100.38	123.48	100.33	23.1
Mississippi	w	w	-	w	-	-
Tennessee	91.53	90.16	92.78	90.74	91.67	-1.0
West South Central	94.44	81.42	85.32	87.34	80.33	8.7
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	86.96	106.68	w	w	w
Texas	94.75	78.37	84.66	86.29	87.47	-1.3
Mountain	63.30	59.62	60.28	61.24	58.54	4.6
Arizona	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Idaho	w	w	w	w	w	w
Montana	w	w	w	w	w	w
Nevada	74.63	75.59	74.26	75.07	79.35	-5.4
New Mexico	w	w	w	w	w	w
Utah	54.71	51.19	63.62	52.57	59.04	-11.0
Wyoming	48.33	49.27	47.93	48.87	47.41	3.1
Pacific	84.28	82.10	80.81	82.99	80.56	3.0
California	84.13	81.92	80.70	82.84	79.87	3.7
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	55.97	59.47	62.63	57.89	61.67	-6.1

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

NAICS code	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	1,450	1,838	1,588	3,288	3,594	-8.5
312 Beverage and Tobacco Product Mfg.	4	5	4	9	9	3.4
313 Textile Mills	9	15	10	24	36	-33.3
322 Paper Manufacturing	306	430	519	736	1,206	-39.0
324 Petroleum and Coal Products	1,358	1,424	1,321	2,782	2,676	4.0
325 Chemical Manufacturing	678	851	794	1,530	1,678	-8.8
327 Nonmetallic Mineral Products Mfg.	1,451	1,565	2,033	3,016	3,806	-20.8
331 Primary Metal Manufacturing	174	455	571	628	946	-33.6
333 Machinery Manufacturing	-	21	10	21	10	101.0
339 Miscellaneous Manufacturing	169	238	317	407	584	-30.4
U.S. Total	5,599	6,842	7,168	12,440	14,547	-14.5

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

Table 29. Average price of U.S. coal receipts at manufacturing plants by North American Industry Classification System (NAICS) code
(dollars per short ton)

NAICS code	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	40.88	41.06	41.11	40.98	42.03	-2.5
312 Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313 Textile Mills	w	113.13	114.15	w	w	w
322 Paper Manufacturing	90.01	89.10	92.68	89.48	90.55	-1.2
324 Petroleum and Coal Products	w	w	w	w	w	w
325 Chemical Manufacturing	91.17	84.70	81.72	87.57	79.90	9.6
327 Nonmetallic Mineral Products Mfg.	71.74	74.96	78.54	73.41	78.47	-6.4
331 Primary Metal Manufacturing	155.01	137.92	119.10	142.64	125.56	13.6
333 Machinery Manufacturing	-	w	w	w	w	w
339 Miscellaneous Manufacturing	53.57	53.70	55.07	53.65	54.07	-0.8
U.S. Total	55.97	59.47	62.63	57.89	61.67	-6.1

* 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	s	5	1	5	7	-26.6
Pennsylvania	s	5	1	5	7	-26.6
East North Central	19	58	30	77	92	-16.6
Illinois	17	29	21	46	50	-7.5
Indiana	2	16	9	18	28	-35.9
Wisconsin	-	13	-	13	14	-10.0
West North Central	14	50	19	64	82	-21.8
Iowa	14	23	16	37	46	-18.9
Minnesota	s	4	s	5	5	-0.9
Missouri	-	4	s	4	5	-29.3
North Dakota	-	19	3	19	27	-29.1
South Atlantic	6	19	6	25	44	-43.5
North Carolina	6	12	5	17	36	-52.2
Virginia	s	7	1	7	7	-0.3
East South Central	-	2	2	2	4	-37.8
Kentucky	-	2	2	2	4	-37.8
Mountain	1	1	s	2	4	-52.2
Colorado	1	s	-	1	-	-
Wyoming	-	1	s	1	4	-69.6
Pacific	103	137	96	240	219	9.5
Alaska	103	137	96	240	219	9.5
U.S. Total	143	273	155	416	452	-8.1

- = No data reported.

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

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

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

Table 31. Average price of coal receipts at commercial and institutional users by census division and state

(dollars per short ton)

Census division and state	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	w	128.82	w	w	w	w
Pennsylvania	w	128.82	w	w	w	w
East North Central	52.58	80.62	56.38	73.80	74.82	-1.4
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Wisconsin	-	159.13	-	159.13	156.94	1.4
West North Central	87.28	83.31	84.88	84.18	81.38	3.4
Iowa	w	w	w	w	w	w
Minnesota	w	w	w	w	w	w
Missouri	-	w	w	w	w	w
North Dakota	-	w	w	w	w	w
South Atlantic	w	121.64	w	w	w	w
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
East South Central	-	w	w	w	w	w
Kentucky	-	w	w	w	w	w
Mountain	w	w	w	w	w	w
Colorado	w	w	-	w	-	-
Wyoming	-	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	82.38	87.19	79.70	85.54	86.59	-1.2

- = No data reported.

w = Data withheld to avoid disclosure.

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	145,187	4,463	3,056	4,718	7,774	172	148	320	157,744
April - June	117,771	4,660	2,611	4,392	7,003	105	71	176	129,609
July - September	155,611	4,455	2,515	4,491	7,006	112	42	154	167,225
October - December	120,033	4,389	2,711	4,602	7,312	131	96	227	131,960
Total	538,601	17,967	10,892	18,203	29,095	519	357	876	586,539
2020									
January - March	97,618	4,276	2,813	4,255	7,068	130	176	306	109,268
April - June	87,188	3,455	2,249	3,342	5,591	98	45	143	96,376
Total	184,806	7,731	5,062	7,597	12,659	227	221	448	205,644
2019 January - June	262,958	9,123	5,667	9,110	14,777	276	219	496	287,354
2018 January - June	299,532	8,838	6,381	9,456	15,837	314	234	548	324,756

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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	829	1,199	1,496	2,028	2,855	-29.0
East North Central	2,063	2,405	2,508	4,468	4,909	-9.0
South Atlantic	383	451	413	834	844	-1.1
East South Central	180	221	243	402	516	-22.1
U.S. Total	3,455	4,276	4,660	7,731	9,123	-15.3

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
New England	4	7	5	10	11	-7.3
Maine	4	7	4	10	10	7.3
Massachusetts	-	-	1	-	2	-
Middle Atlantic	133	196	216	330	423	-22.0
New York	20	83	93	103	156	-33.6
Pennsylvania	113	113	122	226	267	-15.3
East North Central	1,068	1,518	1,381	2,586	2,976	-13.1
Illinois	570	638	517	1,208	1,219	-1.0
Indiana	245	471	430	716	801	-10.6
Michigan	38	98	141	136	287	-52.8
Ohio	75	117	101	191	225	-15.1
Wisconsin	141	194	193	335	443	-24.3
West North Central	2,440	2,900	2,689	5,340	5,716	-6.6
Iowa	520	585	589	1,104	1,172	-5.8
Kansas	10	18	27	28	45	-37.0
Minnesota	68	210	203	279	568	-50.9
Missouri	220	185	194	405	381	6.3
Nebraska	206	274	239	480	501	-4.3
North Dakota	1,389	1,569	1,385	2,958	2,942	0.5
South Dakota	28	58	53	86	108	-19.9
South Atlantic	447	528	652	975	1,375	-29.1
Florida	53	63	111	116	244	-52.6
Georgia	50	79	71	129	166	-22.2
Maryland	104	75	138	179	265	-32.6
North Carolina	83	96	90	178	192	-7.1
South Carolina	33	28	38	61	92	-33.7
Virginia	58	105	116	163	246	-34.0
West Virginia	66	84	87	149	169	-11.8
East South Central	476	628	702	1,104	1,436	-23.1
Alabama	121	153	225	274	442	-38.0
Kentucky	112	139	180	251	377	-33.5
Mississippi	13	20	-	33	-	-
Tennessee	231	316	297	547	617	-11.3
West South Central	191	233	260	424	573	-26.1
Arkansas	38	42	38	79	88	-10.1
Louisiana	47	42	46	88	107	-17.4
Oklahoma	40	61	43	102	122	-16.6
Texas	66	88	134	154	256	-39.8
Mountain	536	729	705	1,265	1,507	-16.0
Arizona	61	73	77	134	140	-3.9
Colorado	37	32	48	69	116	-40.7
Idaho	20	39	7	59	50	17.1
Montana	22	47	22	68	79	-13.8
Nevada	62	65	67	128	141	-9.3
New Mexico	19	14	15	33	30	10.8
Utah	65	90	99	155	179	-13.5
Wyoming	251	368	370	619	771	-19.7
Pacific	295	329	393	624	761	-17.9
Alaska	s	s	s	1	1	s
California	282	300	372	582	703	-17.2
Oregon	-	-	2	-	17	-
Washington	12	29	19	42	40	3.7
U.S. Total	5,591	7,068	7,003	12,659	14,777	-14.3

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

NAICS code	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
311 Food Manufacturing	1,413	1,919	1,583	3,332	3,700	-9.9
312 Beverage and Tobacco Product Mfg.	4	5	4	9	9	2.7
313 Textile Mills	9	17	12	25	38	-33.4
322 Paper Manufacturing	348	506	513	854	1,225	-30.3
324 Petroleum and Coal Products	1,364	1,438	1,323	2,802	2,725	2.8
325 Chemical Manufacturing	660	825	800	1,485	1,661	-10.6
327 Nonmetallic Mineral Products Mfg.	1,400	1,649	1,962	3,049	3,869	-21.2
331 Primary Metal Manufacturing	235	461	496	696	958	-27.3
333 Machinery Manufacturing	9	8	12	16	14	14.1
339 Miscellaneous Manufacturing	150	240	298	390	579	-32.6
U.S. Total	5,591	7,068	7,003	12,659	14,777	-14.3

* 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 36. Coal consumption at commercial and institutional users by census division and state

(thousand short tons)

Census division and state	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic	1	7	1	7	9	-23.0
Pennsylvania	1	7	1	7	9	-23.0
East North Central	17	59	38	77	98	-21.6
Illinois	17	27	22	45	48	-7.2
Indiana	-	17	16	17	34	-51.0
Wisconsin	-	15	s	15	16	-1.8
West North Central	14	56	26	70	95	-26.4
Iowa	12	23	20	35	49	-28.6
Minnesota	1	2	1	4	4	-8.9
Missouri	-	5	s	5	6	-30.4
North Dakota	1	26	6	27	35	-24.7
South Atlantic	12	24	10	35	52	-32.1
District of Columbia	-	-	-	-	s	-
North Carolina	11	15	9	26	36	-26.4
Virginia	s	8	1	9	16	-44.4
East South Central	-	2	2	2	5	-50.0
Kentucky	-	2	2	2	5	-50.0
Mountain	s	2	s	3	5	-51.3
Colorado	s	s	-	1	-	-
Montana	-	1	s	1	1	-50.1
Wyoming	-	1	s	1	4	-69.6
Pacific	99	156	98	254	231	9.9
Alaska	99	156	98	254	231	9.9
U.S. Total	143	306	176	448	496	-9.5

- = No data reported.

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

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

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

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	96,933	2,005	2,832	221	101,991	23,158	125,149
June 30	116,876	2,296	2,985	201	122,358	21,878	144,236
September 30	110,626	2,463	3,168	232	116,489	23,073	139,562
December 31	128,180	2,333	3,258	246	134,018	24,438	158,456
2020							
March 31	145,451	2,148	3,017	212	150,828	24,947*	175,775
June 30	150,728	2,022	3,000	213	155,962	24,128*	180,090

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	June 30, 2020	March 31, 2020	June 30, 2019	Percent change (June 30) 2020 versus 2019
Middle Atlantic	463	521	594	-22.0
East North Central	1,124	1,174	1,272	-11.6
South Atlantic	215	206	216	-0.2
East South Central	220	246	214	2.6
U.S. Total	2,022	2,148	2,296	-11.9

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 39. Coal stocks at other industrial plants by census division and state

(thousand short tons)

Census division and state	June 30, 2020	March 31, 2020	June 30, 2019	Percent change (June 30) 2020 versus 2019
New England	1	1	4	-81.9
Maine	1	1	s	102.2
Massachusetts	-	-	4	-100.0
Middle Atlantic	209	217	242	-13.4
New York	59	64	87	-32.6
Pennsylvania	151	154	155	-2.7
East North Central	617	732	631	-2.2
Illinois	120	126	124	-3.1
Indiana	225	296	222	1.5
Michigan	161	175	188	-14.1
Ohio	25	27	22	16.1
Wisconsin	85	108	75	13.2
West North Central	492	411	430	14.3
Iowa	152	138	66	131.1
Kansas	9	9	20	-55.7
Minnesota	24	37	49	-52.0
Missouri	60	69	97	-38.7
Nebraska	51	36	60	-15.5
North Dakota	139	101	76	83.3
South Dakota	58	21	62	-6.6
South Atlantic	424	409	474	-10.6
Florida	64	66	128	-50.1
Georgia	63	74	78	-18.7
Maryland	14	9	15	-8.8
North Carolina	70	55	47	47.6
South Carolina	62	67	76	-18.6
Virginia	53	46	49	9.7
West Virginia	98	92	82	20.2
East South Central	235	222	181	29.4
Alabama	74	85	81	-9.2
Kentucky	35	33	19	82.2
Mississippi	20	2	-	-
Tennessee	107	102	81	31.7
West South Central	286	300	351	-18.5
Arkansas	26	28	35	-26.6
Louisiana	2	3	4	-48.2
Oklahoma	94	106	87	7.4
Texas	165	164	225	-26.8
Mountain	585	544	543	7.8
Arizona	40	42	48	-15.7
Colorado	17	27	19	-11.7
Idaho	218	210	213	2.6
Montana	47	44	38	23.8
Nevada	67	42	28	136.4
New Mexico	4	4	3	13.9
Utah	55	61	49	12.3
Wyoming	137	114	145	-5.2
Pacific	150	181	127	17.8
California	122	159	102	20.3
Oregon	21	16	18	16.2
Washington	7	5	8	-11.2
U.S. Total	3,000	3,017	2,985	0.5

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

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

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

Table 40. U.S. coal stocks at manufacturing plants by North American Industry Classification System (NAICS) code

(thousand short tons)

NAICS code	June 30, 2020	March 31, 2020	June 30, 2019	Percent change (June 30) 2020 versus 2019
311 Food Manufacturing	574	538	523	9.8
312 Beverage and Tobacco Product Mfg.	1	2	1	-58.9
313 Textile Mills	9	9	12	-20.6
322 Paper Manufacturing	273	319	310	-11.8
324 Petroleum and Coal Products	156	161	114	35.9
325 Chemical Manufacturing	339	313	251	34.9
327 Nonmetallic Mineral Products Mfg.	1,309	1,274	1,386	-5.5
331 Primary Metal Manufacturing	183	259	228	-19.7
333 Machinery Manufacturing	19	27	15	22.4
339 Miscellaneous Manufacturing	138	115	145	-4.6
U.S. Total	3,000	3,017	2,985	0.5

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

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

(thousand short tons)

Census division	June 30, 2020	March 31, 2020	June 30, 2019	Percent change (June 30) 2020 versus 2019
Middle Atlantic	151	128	82	83.8
East North Central	338	216	304	11.3
South Atlantic	79	58	43	85.7
East South Central	156	134	73	113.4
U.S. Total	723	536	501	44.3
Coke Total	633	451	401	57.9
Breeze Total	91	85	100	-9.8

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	June 30, 2020	March 31, 2020	June 30, 2019	Percent change (June 30) 2020 versus 2019
Middle Atlantic	34	36	37	-6.6
Pennsylvania	34	36	37	-6.6
East North Central	21	20	24	-14.4
Illinois	18	19	19	-6.3
Indiana	2	s	3	-20.3
Wisconsin	-	s	2	-100.0
West North Central	31	29	24	26.7
Iowa	19	16	13	49.5
Minnesota	9	9	6	36.4
Missouri	-	-	s	-100.0
North Dakota	4	4	5	-35.0
South Atlantic	35	41	33	7.1
District of Columbia	3	3	3	s
North Carolina	24	29	23	3.0
Virginia	8	9	7	24.0
East South Central	7	7	7	-0.3
Kentucky	7	7	7	-0.3
Mountain	2	1	1	20.5
Colorado	1	s	1	-2.7
Montana	1	1	1	46.3
Wyoming	s	s	s	s
Pacific	83	78	75	10.4
Alaska	83	78	75	10.4
U.S. Total	213	212	201	5.5

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
New England						
Btu	12,336	12,336	12,338	12,336	12,332	s
Sulfur	0.77	0.77	0.76	0.77	0.77	0.6
Ash	5.72	5.76	8.50	5.75	8.50	-32.4
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	5.72	5.76	8.76	5.75	8.76	-34.4
Massachusetts						
Btu	-	-	12,428	-	12,438	-
Sulfur	-	-	0.78	-	0.79	-
Ash	-	-	7.61	-	7.12	-
Middle Atlantic						
Btu	14,181	14,197	14,070	14,191	14,082	0.8
Sulfur	1.12	1.12	1.17	1.12	1.13	-0.4
Ash	7.31	7.11	7.84	7.19	7.81	-8.0
New York						
Btu	12,703	12,732	12,763	12,727	12,768	-0.3
Sulfur	2.04	2.24	2.25	2.21	2.24	-1.7
Ash	8.72	9.40	9.41	9.28	9.39	-1.1
Pennsylvania						
Btu	14,206	14,271	14,161	14,246	14,145	0.7
Sulfur	1.11	1.07	1.09	1.08	1.07	0.8
Ash	7.29	6.99	7.73	7.11	7.74	-8.1
East North Central						
Btu	13,205	13,302	13,333	13,258	13,288	-0.2
Sulfur	1.23	1.22	1.08	1.22	1.13	7.9
Ash	7.31	7.13	7.28	7.22	7.29	-1.0
Illinois						
Btu	11,376	11,478	11,823	11,432	11,655	-1.9
Sulfur	2.17	2.09	1.88	2.13	1.96	8.4
Ash	7.34	7.39	7.41	7.36	7.46	-1.2
Indiana						
Btu	14,120	14,109	14,019	14,113	14,061	0.4
Sulfur	0.93	0.87	0.90	0.89	0.89	-0.2
Ash	7.35	7.06	7.23	7.17	7.17	s
Michigan						
Btu	13,019	12,729	13,043	12,986	13,050	-0.5
Sulfur	0.70	0.66	0.76	0.69	0.76	-8.3
Ash	8.13	6.98	6.85	8.00	6.82	17.2
Ohio						
Btu	14,302	14,204	14,242	14,248	14,239	0.1
Sulfur	1.01	1.05	0.97	1.03	0.98	6.1
Ash	6.99	7.19	7.49	7.10	7.52	-5.7
Wisconsin						
Btu	10,371	10,402	10,524	10,389	10,537	-1.4
Sulfur	0.74	0.79	0.66	0.77	0.70	9.7
Ash	6.71	6.13	7.48	6.38	7.08	-9.8
West North Central						
Btu	8,157	8,154	8,211	8,155	8,260	-1.3
Sulfur	0.91	0.83	0.84	0.87	0.87	-0.3
Ash	6.53	6.49	6.36	6.51	6.32	2.9
Iowa						
Btu	9,155	9,068	9,041	9,111	9,166	-0.6
Sulfur	0.73	0.69	0.64	0.71	0.84	-15.8
Ash	5.26	5.20	5.11	5.23	5.25	-0.4
Kansas						

Census division and state ¹	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Btu	10,915	10,577	11,779	10,747	11,283	-4.8
Sulfur	2.51	2.44	2.93	2.48	2.49	-0.3
Ash	13.54	12.40	14.15	12.97	12.80	1.4
Minnesota						
Btu	9,216	9,328	9,125	9,305	9,185	1.3
Sulfur	0.29	0.36	0.29	0.34	0.32	7.6
Ash	4.19	4.15	4.64	4.16	4.41	-5.7
Missouri						
Btu	11,234	11,179	11,176	11,209	11,165	0.4
Sulfur	2.30	2.25	2.20	2.28	2.22	2.6
Ash	8.48	8.45	8.63	8.47	8.61	-1.7
Nebraska						
Btu	8,725	8,714	8,694	8,719	8,700	0.2
Sulfur	0.21	0.22	0.22	0.21	0.22	-2.0
Ash	4.52	4.55	4.51	4.53	4.56	-0.7
North Dakota						
Btu	7,155	7,157	7,190	7,156	7,195	-0.5
Sulfur	0.90	0.87	0.90	0.88	0.88	0.1
Ash	7.07	7.36	6.97	7.22	6.95	3.8
South Dakota						
Btu	8,487	8,400	8,462	8,454	8,443	0.1
Sulfur	0.60	0.54	0.58	0.58	0.56	1.8
Ash	6.46	6.09	6.30	6.32	6.27	0.9
South Atlantic						
Btu	13,435	13,625	13,184	13,533	13,257	2.1
Sulfur	1.08	1.08	1.14	1.08	1.11	-3.3
Ash	9.72	8.85	9.99	9.27	9.75	-4.9
Florida						
Btu	12,217	12,448	12,611	12,307	12,449	-1.1
Sulfur	1.36	1.08	0.96	1.25	1.09	14.3
Ash	11.28	8.92	10.28	10.36	10.75	-3.6
Georgia						
Btu	12,181	12,858	12,620	12,554	12,694	-1.1
Sulfur	0.83	0.91	0.83	0.87	0.94	-7.5
Ash	11.41	8.32	9.71	9.71	9.79	-0.8
Maryland						
Btu	11,494	11,323	10,139	11,425	10,466	9.2
Sulfur	1.40	1.66	1.57	1.50	1.65	-8.6
Ash	21.66	23.47	22.52	22.39	22.71	-1.4
North Carolina						
Btu	13,268	13,377	13,485	13,323	13,460	-1.0
Sulfur	1.00	0.90	0.96	0.95	0.95	-0.2
Ash	8.58	7.73	7.55	8.15	7.53	8.3
South Carolina						
Btu	12,813	13,199	13,123	13,044	13,259	-1.6
Sulfur	1.32	1.65	1.77	1.52	1.66	-8.9
Ash	9.45	9.53	9.15	9.50	8.25	15.2
Virginia						
Btu	14,174	14,162	14,092	14,167	14,070	0.7
Sulfur	0.83	0.83	0.83	0.83	0.83	0.3
Ash	7.36	7.37	7.61	7.37	7.57	-2.6
West Virginia						
Btu	13,996	13,979	13,951	13,988	13,951	0.3
Sulfur	1.22	1.27	1.51	1.25	1.29	-3.3
Ash	7.12	7.15	7.21	7.13	7.22	-1.2
East South Central						
Btu	13,640	13,445	13,337	13,531	13,404	1.0
Sulfur	1.28	1.29	1.33	1.29	1.27	1.1
Ash	6.16	6.83	7.75	6.53	7.25	-9.9
Alabama						
Btu	13,893	13,810	13,644	13,847	13,701	1.1

Census division and state ¹	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Sulfur	0.99	0.99	1.06	0.99	1.06	-6.1
Ash	6.82	7.19	7.75	7.03	7.32	-4.0
Kentucky						
Btu	13,731	13,252	12,978	13,475	13,104	2.8
Sulfur	1.05	1.31	1.44	1.19	1.23	-2.9
Ash	5.00	6.89	8.09	6.01	7.24	-17.0
Mississippi						
Btu	14,901	14,795	-	14,861	-	-
Sulfur	0.83	0.88	-	0.85	-	-
Ash	3.21	3.33	-	3.26	-	-
Tennessee						
Btu	13,134	13,056	13,083	13,088	13,109	-0.2
Sulfur	1.80	1.63	1.66	1.70	1.65	3.4
Ash	6.36	6.59	7.55	6.49	7.13	-8.9
West South Central						
Btu	10,341	10,803	10,170	10,593	9,876	7.3
Sulfur	0.73	0.77	0.74	0.76	0.68	11.1
Ash	7.82	7.95	8.85	7.89	8.63	-8.6
Arkansas						
Btu	11,476	11,357	11,907	11,413	11,691	-2.4
Sulfur	1.21	1.26	1.16	1.24	1.16	7.4
Ash	8.50	8.91	9.44	8.72	9.99	-12.7
Louisiana						
Btu	7,656	8,140	8,141	7,887	7,786	1.3
Sulfur	0.55	0.64	0.63	0.59	0.63	-6.7
Ash	5.55	5.98	5.91	5.75	5.77	-0.3
Oklahoma						
Btu	13,132	13,720	11,451	13,525	10,404	30.0
Sulfur	0.74	0.76	0.52	0.75	0.39	92.7
Ash	6.78	6.30	5.79	6.46	5.41	19.3
Texas						
Btu	10,235	9,673	10,014	9,945	9,868	0.8
Sulfur	0.62	0.61	0.75	0.61	0.70	-12.5
Ash	9.18	9.61	10.64	9.40	10.99	-14.4
Mountain						
Btu	10,796	10,535	10,586	10,650	10,525	1.2
Sulfur	0.53	0.54	0.56	0.54	0.56	-3.4
Ash	7.45	6.63	7.41	6.99	7.04	-0.7
Arizona						
Btu	11,803	11,728	11,636	11,759	11,565	1.7
Sulfur	0.68	0.71	0.66	0.70	0.61	13.8
Ash	10.42	11.24	12.51	10.90	12.51	-12.9
Colorado						
Btu	12,136	12,181	11,313	12,160	10,991	10.6
Sulfur	0.55	0.49	0.52	0.52	0.54	-3.6
Ash	10.11	9.13	8.62	9.57	7.93	20.7
Idaho						
Btu	12,202	12,025	13,585	12,118	11,441	5.9
Sulfur	0.72	0.45	0.64	0.59	0.52	13.5
Ash	11.18	9.78	9.07	10.52	8.08	30.1
Montana						
Btu	9,715	8,283	9,842	8,824	9,212	-4.2
Sulfur	0.50	0.45	0.39	0.47	0.37	27.1
Ash	4.89	5.96	5.39	5.56	5.60	-0.9
Nevada						
Btu	11,862	11,634	11,713	11,759	11,658	0.9
Sulfur	0.42	0.42	0.52	0.42	0.50	-16.1
Ash	8.96	9.23	10.49	9.08	9.85	-7.8
New Mexico						
Btu	12,226	12,261	12,200	12,241	12,221	0.2
Sulfur	0.67	0.61	0.81	0.64	0.84	-23.2

Census division and state ¹	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Ash	10.73	10.45	10.57	10.61	10.51	0.9
Utah						
Btu	11,549	11,312	11,317	11,405	11,447	-0.4
Sulfur	0.42	0.40	0.40	0.41	0.41	-1.6
Ash	11.12	11.15	11.34	11.14	11.08	0.5
Wyoming						
Btu	9,833	9,820	9,889	9,826	9,913	-0.9
Sulfur	0.54	0.58	0.59	0.56	0.60	-5.5
Ash	4.99	3.52	4.68	4.14	4.51	-8.2
Pacific						
Btu	11,495	11,450	11,483	11,468	11,481	-0.1
Sulfur	0.46	0.48	0.43	0.47	0.41	14.1
Ash	9.55	10.18	10.67	9.92	10.16	-2.3
California						
Btu	11,602	11,591	11,639	11,596	11,607	-0.1
Sulfur	0.47	0.49	0.44	0.48	0.42	14.6
Ash	9.85	10.71	11.12	10.35	10.50	-1.4
Oregon						
Btu	11,965	11,861	11,489	11,893	11,530	3.2
Sulfur	0.43	0.40	0.37	0.41	0.38	8.8
Ash	8.86	8.94	11.70	8.92	10.91	-18.3
Washington						
Btu	9,427	9,504	9,336	9,478	9,387	1.0
Sulfur	0.39	0.33	0.34	0.35	0.32	8.0
Ash	4.33	3.98	4.19	4.10	4.07	0.6
U.S. Total						
Btu	11,666	11,850	11,983	11,768	11,939	-1.4
Sulfur	1.04	1.02	1.00	1.03	1.01	1.7
Ash	7.32	7.18	7.59	7.24	7.48	-3.2

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

- = No data reported.

s = Absolute percentage less than 0.05.

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Middle Atlantic						
Btu	12,450	12,836	13,561	12,816	13,178	-2.7
Sulfur	0.43	0.64	0.68	0.63	0.91	-31.4
Ash	6.66	7.07	9.09	7.05	7.96	-11.5
Pennsylvania						
Btu	12,450	12,836	13,561	12,816	13,178	-2.7
Sulfur	0.43	0.64	0.68	0.63	0.91	-31.4
Ash	6.66	7.07	9.09	7.05	7.96	-11.5
East North Central						
Btu	11,418	11,773	11,326	11,687	11,836	-1.3
Sulfur	3.34	2.26	3.10	2.53	2.60	-2.9
Ash	10.14	8.86	10.07	9.17	9.26	-0.9
Illinois						
Btu	11,439	11,302	11,390	11,352	11,593	-2.1
Sulfur	3.46	3.19	3.35	3.29	3.31	-0.6
Ash	10.22	9.36	9.99	9.67	9.60	0.7
Indiana						
Btu	11,242	11,339	11,183	11,328	11,478	-1.3
Sulfur	2.34	1.78	2.56	1.84	2.29	-19.4
Ash	9.49	8.95	10.27	9.01	9.48	-5.0
Wisconsin						
Btu	-	13,375	-	13,375	13,375	s
Sulfur	-	0.78	-	0.78	0.78	s
Ash	-	7.65	-	7.65	7.65	s
West North Central						
Btu	11,024	10,215	10,802	10,392	10,406	-0.1
Sulfur	2.82	1.78	2.44	2.00	1.79	12.1
Ash	9.01	7.82	8.65	8.08	7.82	3.4
Iowa						
Btu	11,059	11,312	11,146	11,218	11,330	-1.0
Sulfur	2.88	2.85	2.83	2.86	2.58	11.0
Ash	9.13	8.40	8.99	8.67	8.62	0.6
Minnesota						
Btu	9,470	8,983	9,525	9,015	9,001	0.2
Sulfur	0.32	0.29	0.36	0.29	0.27	6.9
Ash	3.81	4.75	3.66	4.69	5.03	-6.8
Missouri						
Btu	-	11,436	11,305	11,436	11,335	0.9
Sulfur	-	3.03	2.92	3.03	2.96	2.4
Ash	-	8.11	8.25	8.11	8.26	-1.8
North Dakota						
Btu	-	8,914	9,054	8,914	8,894	0.2
Sulfur	-	0.56	0.54	0.56	0.48	16.7
Ash	-	7.78	7.40	7.78	6.87	13.2
South Atlantic						
Btu	13,174	13,271	13,008	13,248	12,799	3.5
Sulfur	1.79	1.45	1.91	1.53	1.84	-16.7
Ash	6.46	6.96	10.01	6.84	9.87	-30.7
North Carolina						
Btu	13,137	13,152	12,836	13,147	12,625	4.1
Sulfur	1.83	1.80	2.17	1.81	2.07	-12.5
Ash	6.59	7.26	11.13	7.04	10.79	-34.8
Virginia						
Btu	14,049	13,464	13,774	13,483	13,655	-1.3
Sulfur	0.83	0.88	0.77	0.88	0.71	23.7
Ash	3.48	6.48	5.07	6.38	5.33	19.6
East South Central						

Census division and state ¹	April - June 2020	January - March 2020	April - June 2019	Year to date		Percent change
				2020	2019	
Btu	-	13,049	13,093	13,049	13,040	0.1
Sulfur	-	0.78	0.76	0.78	0.78	0.3
Ash	-	6.58	5.90	6.58	6.58	s
Kentucky						
Btu	-	13,049	13,093	13,049	13,040	0.1
Sulfur	-	0.78	0.76	0.78	0.78	0.3
Ash	-	6.58	5.90	6.58	6.58	s
Mountain						
Btu	11,567	11,399	11,335	11,449	11,363	0.8
Sulfur	0.48	0.48	0.44	0.48	0.45	6.5
Ash	10.70	12.46	13.40	11.93	12.81	-6.8
Colorado						
Btu	11,567	11,346	-	11,527	-	-
Sulfur	0.48	0.46	-	0.48	-	-
Ash	10.70	11.46	-	10.84	-	-
Montana						
Wyoming						
Btu	-	11,405	11,335	11,405	11,363	0.4
Sulfur	-	0.48	0.44	0.48	0.45	6.8
Ash	-	12.56	13.40	12.56	12.81	-1.9
Pacific						
Btu	7,513	7,423	7,570	7,462	7,559	-1.3
Sulfur	0.17	0.15	0.14	0.16	0.15	3.8
Ash	7.56	7.23	7.35	7.37	7.17	2.9
Alaska						
Btu	7,513	7,423	7,570	7,462	7,559	-1.3
Sulfur	0.17	0.15	0.14	0.16	0.15	3.8
Ash	7.56	7.23	7.35	7.37	7.17	2.9
U.S. Total						
Btu	8,635	9,432	9,013	9,158	9,623	-4.8
Sulfur	0.92	1.00	1.09	0.97	1.13	-13.9
Ash	8.01	7.69	8.16	7.80	8.03	-2.9

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

- = No data reported.

s = Absolute percentage less than 0.05.

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