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Contacts

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You can contact the Office of Stakeholder Outreach and Communications customer inquiry line with questions about coal statistics at 202-586-8800 or by [email](#).

Preface

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

The *Quarterly Coal Report* (QCR) provides information about U.S. coal production, exports, imports, receipts, prices, consumption, quality, stocks, and refined coal data to a wide audience, including Congress, federal and state agencies, the coal industry, and the general public. In addition, the QCR offers U.S. coke production, consumption, stocks, imports, and exports data. The first-quarter 2021 QCR includes detailed quarterly coal data for January 2021 to March 2021 and aggregated quarterly historical coal data for 2015 through first-quarter 2021.

All data for 2019 and previous years are final. All data for 2020 and 2021 are preliminary.

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Table ES-1. U.S. coal summary statistics, 2015 - 2021

(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
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	24,160	157,746	25,213	101,990	-
April - June	179,781	1,604	1,946	24,529	129,609	25,929	122,343	-
July - September	181,461	1,681	1,576	27,714	167,226	21,960	116,478	-
October - December	165,250	1,723	1,833	31,320	131,962	20,663	134,014	-
Total	706,309	6,697	8,003		586,543	93,765		5,164
2020								
January - March	149,052	1,339	1,873	30,829*	109,503	19,977	150,594	-
April - June	115,192	1,146	1,594	29,510*	96,434	14,778	155,639	-
July - September	135,814	1,288	2,172	27,537*	148,551	15,252	134,162	-
October - December	134,244	1,325	2,124	28,484*	122,826	19,064	137,474	-
Total	534,302	5,098	7,763		477,315	69,071		154
2021								
January - March	140,306	1,075	2,188	28,146*	139,359	20,706	116,144	-
Total	140,306	1,075	2,188		139,359	20,706		5,173
2020 January - March	149,052	1,339	1,873		109,503	19,977		-
2019 January - March	179,817	1,689	2,649		157,746	25,213		-

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, 2015 - 2021

(thousand short tons)

Year and quarter	Production	Imports	Producer and distributor stocks ¹	Consumption ²	Exports
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
July - September	2,306	57	563	2,322	111
October - December	2,550	72	481	2,436	268
Total	10,353	162		9,791	684
2021					
January - March	3,101	16	489	2,856	252
Total	3,101	16		2,856	252
2020 January - March	3,046	6		2,853	188
2019 January - March	3,170	6		3,008	190

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, 2015 - 2021

(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			
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
July - September	23,803	23,261	6,449	53,513	32.44	52,264	52,264
October - December	19,205	23,192	5,989	48,385	32.25	45,812	45,812
Total	70,249	83,623	24,632	178,504	32.28	171,639	171,639
2021							
January - March	23,035	23,438	5,473	51,947	33.26	51,466	51,466
Total	23,035	23,438	5,473	51,947	33.26	51,466	51,466

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, 2015 - 2021

(thousand short tons)

Year	January - March	April - June	July - September	October - December	Total
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	135,814	134,244	534,302
2021	140,306	-	-	-	140,306

- = No data reported.

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

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

Table 2. Coal production by state

(thousand short tons)

Coal-producing region and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Alabama	3,111	2,733	3,220	3,111	3,220	-3.4
Alaska	310	274	289	310	289	7.1
Colorado	2,422	2,592	2,649	2,422	2,649	-8.6
Illinois	11,158	7,966	8,971	11,158	8,971	24.4
Indiana	4,880	4,560	5,897	4,880	5,897	-17.2
Kentucky Total	6,586	6,187	7,192	6,586	7,192	-8.4
Eastern (Kentucky)	2,308	2,088	2,366	2,308	2,366	-2.5
Western (Kentucky)	4,278	4,099	4,826	4,278	4,826	-11.4
Louisiana	57	84	423	57	423	-86.4
Maryland	343	265	314	343	314	9.2
Mississippi	812	352	560	812	560	44.9
Missouri	18	38	43	18	43	-57.7
Montana	6,566	6,758	7,784	6,566	7,784	-15.7
New Mexico	2,352	2,147	3,148	2,352	3,148	-25.3
North Dakota	6,997	6,399	7,186	6,997	7,186	-2.6
Ohio	753	784	1,249	753	1,249	-39.7
Oklahoma	-	-	1	-	1	-
Pennsylvania Total	11,766	9,755	11,130	11,766	11,130	5.7
Anthracite (Pennsylvania)	494	555	656	494	656	-24.8
Bituminous (Pennsylvania)	11,272	9,200	10,474	11,272	10,474	7.6
Tennessee	-	-	92	-	92	-
Texas	3,726	4,787	5,022	3,726	5,022	-25.8
Utah	3,129	3,170	3,521	3,129	3,521	-11.1
Virginia	2,646	2,606	3,101	2,646	3,101	-14.7
West Virginia Total	19,875	17,234	18,141	19,875	18,141	9.6
Northern (West Virginia)	11,459	10,287	8,945	11,459	8,945	28.1
Southern (West Virginia)	8,416	6,946	9,196	8,416	9,196	-8.5
Wyoming	52,728	55,438	59,034	52,728	59,034	-10.7
Appalachia Total	40,802	35,465	39,612	40,802	39,612	3.0
Appalachia Central	13,370	11,640	14,755	13,370	14,755	-9.4
Appalachia Northern	24,321	21,091	21,637	24,321	21,637	12.4
Appalachia Southern	3,111	2,733	3,220	3,111	3,220	-3.4
Interior Region Total	24,929	21,885	25,743	24,929	25,743	-3.2
Illinois Basin	20,316	16,625	19,694	20,316	19,694	3.2
Interior	4,613	5,260	6,049	4,613	6,049	-23.7
Western Region Total	74,503	76,778	83,612	74,503	83,612	-10.9
Powder River Basin	55,314	58,373	62,637	55,314	62,637	-11.7
Uinta Region	5,307	5,477	5,910	5,307	5,910	-10.2
Western	13,883	12,928	15,064	13,883	15,064	-7.8
East of Mississippi River	61,930	52,441	59,866	61,930	59,866	3.4
West of Mississippi River	78,305	81,687	89,101	78,305	89,101	-12.1
U.S. Subtotal	140,234	134,128	148,967	140,234	148,967	-5.9
Refuse recovery	72	115	85	72	85	-15.4
U.S. Total	140,306	134,244	149,052	140,306	149,052	-5.9

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

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

Table 3. Coke and breeze production at coke plants

(thousand short tons)

Census division	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	929	665	875	929	875	6.1
East North Central	1,844	1,567	1,766	1,844	1,766	4.4
South Atlantic	315	281	354	315	354	-11.0
East South Central	177	169	196	177	196	-9.9
U.S. Total	3,265	2,682	3,191	3,265	3,191	2.3
Coke Total	3,101	2,550	3,046	3,101	3,046	1.8
Breeze Total	164	132	145	164	145	13.1

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

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

Exports and imports

Table 4. U.S. coal exports and imports, 2015 - 2021

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	15,252	1,288	19,064	1,325	69,071	5,098
2021	20,706	1,075	-	-	-	-	-	-	20,706	1,075

- = 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, 2015 - 2021

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	89.18	69.34	83.10	71.11	88.37	72.32
2021	87.81	71.54	-	-	-	-	-	-	87.81	71.54

- = 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, 2015 - 2021

(short tons and dollars per short ton)

Year and quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other countries	Total
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	-	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
July - September	-	118,383	962,910	132,718	8,159	-	65,913	1,288,083
October - December	-	124,502	971,346	140,356	19,010	-	69,719	1,324,933
U.S. Total	-	447,380	3,655,196	602,302	109,814	-	283,659	5,098,351
2021								
January - March	-	151,773	765,421	114,247	16,447	-	27,217	1,075,105
U.S. Total	-	151,773	765,421	114,247	16,447	-	27,217	1,075,105

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

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	-	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
July - September	-	119.44	57.36	90.77	104.07	-	106.99	69.34
October - December	-	115.25	59.98	85.08	78.36	-	117.32	71.11
U.S. Total	-	129.67	60.54	78.87	84.43	-	115.10	72.32
2021								
January - March	-	113.91	60.06	64.77	187.53	-	116.19	71.54
U.S. Total	-	113.91	60.06	64.77	187.53	-	116.19	71.54

- = No data reported.

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

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

Table 7. U.S. coal exports

(short tons)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	1,266,303	2,716,495	1,030,864	1,266,303	1,030,864	22.8
Canada*	529,724	1,909,303	202,662	529,724	202,662	161.4
Dominican Republic	406,588	552,729	514,373	406,588	514,373	-21.0
Guatemala	134,746	80,265	14,731	134,746	14,731	NM
Honduras	-	60,627	-	-	-	-
Jamaica	36,482	-	21,930	36,482	21,930	66.4
Mexico	100,691	80,354	216,298	100,691	216,298	-53.4
Trinidad and Tobago	57,898	22	60,731	57,898	60,731	-4.7
Other**	174	33,195	139	174	139	25.2
South America Total	2,005,756	2,478,596	2,375,678	2,005,756	2,375,678	-15.6
Argentina	50,034	129,901	103,986	50,034	103,986	-51.9
Brazil	1,716,965	2,173,116	2,270,780	1,716,965	2,270,780	-24.4
Chile	108,381	106,111	245	108,381	245	NM
Other**	130,376	69,468	667	130,376	667	NM
Europe Total	5,686,905	5,385,628	6,014,472	5,686,905	6,014,472	-5.4
Austria	287,457	339,873	471,662	287,457	471,662	-39.1
Belgium	78,757	144,629	98,135	78,757	98,135	-19.7
Croatia	373,326	319,107	368,011	373,326	368,011	1.4
Finland	143,301	122,763	133,110	143,301	133,110	7.7
France	262,539	186,574	355,196	262,539	355,196	-26.1
Germany, Federal Republic of	509,767	257,223	206,498	509,767	206,498	146.9
Italy	282,796	225,527	454,406	282,796	454,406	-37.8
Netherlands	1,803,672	1,703,404	1,462,882	1,803,672	1,462,882	23.3
Norway	15,435	12,157	12,804	15,435	12,804	20.5
Poland	280,321	239,543	197,202	280,321	197,202	42.1
Romania	54,644	12,165	35,120	54,644	35,120	55.6
Slovakia	55,336	-	62,428	55,336	62,428	-11.4
Spain	136,416	100,617	128,363	136,416	128,363	6.3
Sweden	75,067	81,020	70,459	75,067	70,459	6.5
Turkey	271,530	496,992	482,047	271,530	482,047	-43.7
Ukraine	645,451	813,394	1,121,940	645,451	1,121,940	-42.5
United Kingdom	323,505	330,598	354,027	323,505	354,027	-8.6
Other**	87,585	42	182	87,585	182	NM
Asia Total	10,795,615	7,757,166	10,122,560	10,795,615	10,122,560	6.6
China	2,740,265	1,123,406	448,981	2,740,265	448,981	NM
India	4,985,449	3,939,270	4,771,769	4,985,449	4,771,769	4.5
Japan	1,584,379	1,846,117	1,631,670	1,584,379	1,631,670	-2.9
Jordan	-	65,568	-	-	-	-
Singapore	-	-	351,069	-	351,069	-
South Korea (Republic of Korea)	1,483,503	780,864	2,914,261	1,483,503	2,914,261	-49.1
Other**	2,019	1,941	4,810	2,019	4,810	-58.0
Australia and Oceania Total	-	2,560	201	-	201	-
Other**	-	2,560	201	-	201	-
Africa Total	951,342	723,534	432,755	951,342	432,755	119.8
Egypt	490,307	258,246	181,221	490,307	181,221	170.6
Kenya	-	-	55,257	-	55,257	-
Morocco	339,649	208,064	195,721	339,649	195,721	73.5
South Africa	54,013	257,198	21	54,013	21	NM
Other**	67,373	26	535	67,373	535	NM
Total	20,705,921	19,063,979	19,976,530	20,705,921	19,976,530	3.7

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2020.

- = No data reported.

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

Note: Total may not equal sum of components because of independent rounding.
Source: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'

Table 8. Average price of U.S. coal exports

(dollars per short ton)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	87.19	88.26	84.70	87.19	84.70	2.9
Canada*	75.78	98.95	96.66	75.78	96.66	-21.6
Dominican Republic	71.84	58.84	90.66	71.84	90.66	-20.8
Guatemala	173.00	58.26	50.70	173.00	50.70	241.2
Honduras	-	90.72	-	-	-	-
Jamaica	50.37	-	63.50	50.37	63.50	-20.7
Mexico	102.92	84.45	54.97	102.92	54.97	87.2
Trinidad and Tobago	95.37	385.64	115.58	95.37	115.58	-17.5
Other**	134.99	40.26	329.73	134.99	329.73	-59.1
South America Total	96.33	83.17	104.72	96.33	104.72	-8.0
Argentina	64.51	71.29	101.05	64.51	101.05	-36.2
Brazil	95.16	85.16	104.78	95.16	104.78	-9.2
Chile	73.27	68.37	390.70	73.27	390.70	-81.2
Other**	143.19	65.68	374.60	143.19	374.60	-61.8
Europe Total	100.82	90.59	112.72	100.82	112.72	-10.6
Austria	100.60	101.96	128.08	100.60	128.08	-21.5
Belgium	122.62	118.20	138.15	122.62	138.15	-11.2
Croatia	134.06	103.23	115.92	134.06	115.92	15.6
Finland	91.63	89.84	116.03	91.63	116.03	-21.0
France	90.77	104.41	118.83	90.77	118.83	-23.6
Germany, Federal Republic of	80.05	63.68	73.64	80.05	73.64	8.7
Italy	110.23	94.37	104.56	110.23	104.56	5.4
Netherlands	78.51	79.06	96.69	78.51	96.69	-18.8
Norway	158.45	146.05	181.21	158.45	181.21	-12.6
Poland	107.08	68.69	120.79	107.08	120.79	-11.4
Romania	80.89	101.82	100.79	80.89	100.79	-19.7
Slovakia	115.00	-	127.59	115.00	127.59	-9.9
Spain	137.17	111.31	148.77	137.17	148.77	-7.8
Sweden	93.48	85.12	123.42	93.48	123.42	-24.3
Turkey	131.79	98.10	114.85	131.79	114.85	14.7
Ukraine	129.89	105.26	116.84	129.89	116.84	11.2
United Kingdom	111.22	85.92	134.46	111.22	134.46	-17.3
Other**	109.32	760.24	180.46	109.32	180.46	-39.4
Asia Total	81.11	75.35	75.91	81.11	75.91	6.9
China	133.39	108.77	106.82	133.39	106.82	24.9
India	62.36	70.66	74.41	62.36	74.41	-16.2
Japan	85.58	74.01	99.72	85.58	99.72	-14.2
Jordan	-	63.57	-	-	-	-
Singapore	-	-	57.55	-	57.55	-
South Korea (Republic of Korea)	42.31	54.56	62.08	42.31	62.08	-31.8
Other**	448.44	296.19	324.19	448.44	324.19	38.3
Australia and Oceania Total	-	65.10	341.90	-	341.90	-
Other**	-	65.10	341.90	-	341.90	-
Africa Total	68.84	90.97	60.46	68.84	60.46	13.9
Egypt	70.85	66.59	47.47	70.85	47.47	49.3
Kenya	-	-	63.50	-	63.50	-
Morocco	63.50	72.15	71.17	63.50	71.17	-10.8
South Africa	90.72	130.63	3,324.10	90.72	3,324.10	-97.3
Other**	63.56	370.23	104.61	63.56	104.61	-39.2
Total	87.81	83.10	90.54	87.81	90.54	-3.0

* 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 2020.

- = No data reported.

Note: Average price is based on the free alongside ship (f.a.s.) value, including value for shipments of specialty coal not used as a fuel source (about 0.05 percent of all shipments). Total may not equal sum of components because of independent rounding.
Source: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545.'

Table 9. U.S. steam coal exports

(short tons)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	927,823	1,115,294	892,247	927,823	892,247	4.0
Canada*	321,514	397,711	125,660	321,514	125,660	155.9
Dominican Republic	406,588	552,729	514,373	406,588	514,373	-21.0
Guatemala	134,746	80,265	14,731	134,746	14,731	NM
Jamaica	36,482	-	21,930	36,482	21,930	66.4
Mexico	28,298	51,372	215,310	28,298	215,310	-86.9
Trinidad and Tobago	21	22	104	21	104	-79.8
Other**	174	33,195	139	174	139	25.2
South America Total	356,111	718,629	207,313	356,111	207,313	71.8
Argentina	20	86,746	17,493	20	17,493	-99.9
Brazil	117,334	456,304	188,908	117,334	188,908	-37.9
Chile	108,381	106,111	245	108,381	245	NM
Other**	130,376	69,468	667	130,376	667	NM
Europe Total	1,504,314	1,411,681	662,232	1,504,314	662,232	127.2
Austria	-	-	3	-	3	-
Belgium	45	94,140	29	45	29	55.2
Finland	1	-	-	1	-	-
France	86,272	11,113	-	86,272	-	-
Germany, Federal Republic of	273,641	257,223	169,945	273,641	169,945	61.0
Italy	38,599	170	151	38,599	151	NM
Netherlands	898,046	831,419	479,740	898,046	479,740	87.2
Norway	-	-	2	-	2	-
Poland	91,040	169,742	-	91,040	-	-
Romania	42,439	10	10,746	42,439	10,746	294.9
Slovakia	-	-	13	-	13	-
Spain	1,156	1,329	1,162	1,156	1,162	-0.5
Turkey	-	-	203	-	203	-
Ukraine	-	2	-	-	-	-
United Kingdom	73,000	46,491	56	73,000	56	NM
Other**	75	42	182	75	182	-58.8
Asia Total	6,672,213	4,061,848	6,113,942	6,672,213	6,113,942	9.1
China	416,600	222	341	416,600	341	NM
India	4,197,764	2,732,566	3,492,722	4,197,764	3,492,722	20.2
Japan	794,259	861,613	451,868	794,259	451,868	75.8
Jordan	-	65,568	-	-	-	-
Singapore	-	-	351,069	-	351,069	-
South Korea (Republic of Korea)	1,261,571	399,938	1,813,250	1,261,571	1,813,250	-30.4
Other**	2,019	1,941	4,692	2,019	4,692	-57.0
Australia and Oceania Total	-	2,560	201	-	201	-
Other**	-	2,560	201	-	201	-
Africa Total	897,329	502,745	432,755	897,329	432,755	107.4
Egypt	490,307	258,246	181,221	490,307	181,221	170.6
Kenya	-	-	55,257	-	55,257	-
Morocco	339,649	208,064	195,721	339,649	195,721	73.5
South Africa	-	36,409	21	-	21	-
Other**	67,373	26	535	67,373	535	NM
Total	10,357,790	7,812,757	8,308,690	10,357,790	8,308,690	24.7

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2020.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	85.76	65.72	80.51	85.76	80.51	6.5
Canada*	70.11	77.06	89.37	70.11	89.37	-21.6
Dominican Republic	71.84	58.84	90.66	71.84	90.66	-20.8
Guatemala	173.00	58.26	50.70	173.00	50.70	241.2
Jamaica	50.37	-	63.50	50.37	63.50	-20.7
Mexico	93.10	80.00	54.52	93.10	54.52	70.8
Trinidad and Tobago	404.00	385.64	489.61	404.00	489.61	-17.5
Other**	134.99	40.26	329.73	134.99	329.73	-59.1
South America Total	96.44	64.28	62.76	96.44	62.76	53.7
Argentina	306.15	74.04	61.86	306.15	61.86	394.9
Brazil	65.85	61.27	61.31	65.85	61.31	7.4
Chile	73.27	68.37	390.70	73.27	390.70	-81.2
Other**	143.19	65.68	374.60	143.19	374.60	-61.8
Europe Total	64.72	64.08	60.60	64.72	60.60	6.8
Austria	-	-	1,597.67	-	1,597.67	-
Belgium	572.31	79.55	349.59	572.31	349.59	63.7
Finland	3,762.00	-	-	3,762.00	-	-
France	63.50	90.72	-	63.50	-	-
Germany, Federal Republic of	54.02	63.68	69.96	54.02	69.96	-22.8
Italy	91.35	485.76	555.89	91.35	555.89	-83.6
Netherlands	59.97	62.06	55.43	59.97	55.43	8.2
Norway	-	-	1,327.50	-	1,327.50	-
Poland	95.49	51.83	-	95.49	-	-
Romania	63.50	915.30	90.72	63.50	90.72	-30.0
Slovakia	-	-	2,446.15	-	2,446.15	-
Spain	261.00	397.53	293.44	261.00	293.44	-11.1
Turkey	-	-	532.00	-	532.00	-
Ukraine	-	3,549.00	-	-	-	-
United Kingdom	108.96	97.42	1,016.41	108.96	1,016.41	-89.3
Other**	638.60	760.24	180.46	638.60	180.46	253.9
Asia Total	55.05	55.59	53.19	55.05	53.19	3.5
China	96.40	430.13	349.06	96.40	349.06	-72.4
India	57.22	61.61	62.80	57.22	62.80	-8.9
Japan	57.24	46.25	52.99	57.24	52.99	8.0
Jordan	-	63.57	-	-	-	-
Singapore	-	-	57.55	-	57.55	-
South Korea (Republic of Korea)	32.18	31.85	33.10	32.18	33.10	-2.8
Other**	448.44	296.19	329.09	448.44	329.09	36.3
Australia and Oceania Total	-	65.10	341.90	-	341.90	-
Other**	-	65.10	341.90	-	341.90	-
Africa Total	67.52	72.79	60.46	67.52	60.46	11.7
Egypt	70.85	66.59	47.47	70.85	47.47	49.3
Kenya	-	-	63.50	-	63.50	-
Morocco	63.50	72.15	71.17	63.50	71.17	-10.8
South Africa	-	120.14	3,324.10	-	3,324.10	-
Other**	63.56	370.23	104.61	63.56	104.61	-39.2
Total	61.71	60.48	57.34	61.71	57.34	7.6

* 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 2020.

- = No data reported.

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

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

Table 11. U.S. metallurgical coal exports

(short tons)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	338,480	1,601,201	138,617	338,480	138,617	144.2
Canada*	208,210	1,511,592	77,002	208,210	77,002	170.4
Honduras	-	60,627	-	-	-	-
Mexico	72,393	28,982	988	72,393	988	NM
Trinidad and Tobago	57,877	-	60,627	57,877	60,627	-4.5
South America Total	1,649,645	1,759,967	2,168,365	1,649,645	2,168,365	-23.9
Argentina	50,014	43,155	86,493	50,014	86,493	-42.2
Brazil	1,599,631	1,716,812	2,081,872	1,599,631	2,081,872	-23.2
Europe Total	4,182,591	3,973,947	5,352,240	4,182,591	5,352,240	-21.9
Austria	287,457	339,873	471,659	287,457	471,659	-39.1
Belgium	78,712	50,489	98,106	78,712	98,106	-19.8
Croatia	373,326	319,107	368,011	373,326	368,011	1.4
Finland	143,300	122,763	133,110	143,300	133,110	7.7
France	176,267	175,461	355,196	176,267	355,196	-50.4
Germany, Federal Republic of	236,126	-	36,553	236,126	36,553	NM
Italy	244,197	225,357	454,255	244,197	454,255	-46.2
Netherlands	905,626	871,985	983,142	905,626	983,142	-7.9
Norway	15,435	12,157	12,802	15,435	12,802	20.6
Poland	189,281	69,801	197,202	189,281	197,202	-4.0
Romania	12,205	12,155	24,374	12,205	24,374	-49.9
Slovakia	55,336	-	62,415	55,336	62,415	-11.3
Spain	135,260	99,288	127,201	135,260	127,201	6.3
Sweden	75,067	81,020	70,459	75,067	70,459	6.5
Turkey	271,530	496,992	481,844	271,530	481,844	-43.6
Ukraine	645,451	813,392	1,121,940	645,451	1,121,940	-42.5
United Kingdom	250,505	284,107	353,971	250,505	353,971	-29.2
Other**	87,510	-	-	87,510	-	-
Asia Total	4,123,402	3,695,318	4,008,618	4,123,402	4,008,618	2.9
China	2,323,665	1,123,184	448,640	2,323,665	448,640	417.9
India	787,685	1,206,704	1,279,047	787,685	1,279,047	-38.4
Japan	790,120	984,504	1,179,802	790,120	1,179,802	-33.0
South Korea (Republic of Korea)	221,932	380,926	1,101,011	221,932	1,101,011	-79.8
Other**	-	-	118	-	118	-
Africa Total	54,013	220,789	-	54,013	-	-
South Africa	54,013	220,789	-	54,013	-	-
Total	10,348,131	11,251,222	11,667,840	10,348,131	11,667,840	-11.3

* 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 2020.

- = No data reported.

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

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

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

Table 12. Average price of U.S. metallurgical coal exports

(dollars per short ton)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	91.11	103.96	111.67	91.11	111.67	-18.4
Canada*	84.52	104.71	108.55	84.52	108.55	-22.1
Honduras	-	90.72	-	-	-	-
Mexico	106.76	92.34	155.07	106.76	155.07	-31.2
Trinidad and Tobago	95.25	-	114.94	95.25	114.94	-17.1
South America Total	96.31	90.88	108.73	96.31	108.73	-11.4
Argentina	64.41	65.77	108.97	64.41	108.97	-40.9
Brazil	97.31	91.51	108.72	97.31	108.72	-10.5
Europe Total	113.80	100.01	119.17	113.80	119.17	-4.5
Austria	100.60	101.96	128.07	100.60	128.07	-21.4
Belgium	122.37	190.27	138.09	122.37	138.09	-11.4
Croatia	134.06	103.23	115.92	134.06	115.92	15.6
Finland	91.61	89.84	116.03	91.61	116.03	-21.0
France	104.12	105.28	118.83	104.12	118.83	-12.4
Germany, Federal Republic of	110.23	-	90.72	110.23	90.72	21.5
Italy	113.22	94.07	104.41	113.22	104.41	8.4
Netherlands	96.90	95.26	116.83	96.90	116.83	-17.1
Norway	158.45	146.05	181.03	158.45	181.03	-12.5
Poland	112.66	109.68	120.79	112.66	120.79	-6.7
Romania	141.34	101.15	105.23	141.34	105.23	34.3
Slovakia	115.00	-	127.11	115.00	127.11	-9.5
Spain	136.11	107.48	147.45	136.11	147.45	-7.7
Sweden	93.48	85.12	123.42	93.48	123.42	-24.3
Turkey	131.79	98.10	114.67	131.79	114.67	14.9
Ukraine	129.89	105.25	116.84	129.89	116.84	11.2
United Kingdom	111.88	84.04	134.32	111.88	134.32	-16.7
Other**	108.86	-	-	108.86	-	-
Asia Total	123.29	97.08	110.57	123.29	110.57	11.5
China	140.03	108.70	106.63	140.03	106.63	31.3
India	89.77	91.16	106.11	89.77	106.11	-15.4
Japan	114.07	98.30	117.62	114.07	117.62	-3.0
South Korea (Republic of Korea)	99.92	78.40	109.81	99.92	109.81	-9.0
Other**	-	-	129.22	-	129.22	-
Africa Total	90.72	132.36	-	90.72	-	-
South Africa	90.72	132.36	-	90.72	-	-
Total	113.93	98.82	114.19	113.93	114.19	-0.2

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2020.

- = No data reported.

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

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

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

(short tons)

Customs district	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Eastern Total	12,404,353	12,397,923	13,671,955	12,404,353	13,671,955	-9.3
Baltimore, MD	5,297,610	4,613,823	5,081,789	5,297,610	5,081,789	4.2
Buffalo, NY	158,442	1,000,171	62,472	158,442	62,472	153.6
New York City, NY	1,442	936	771	1,442	771	87.0
Norfolk, VA	6,887,390	6,647,002	8,409,210	6,887,390	8,409,210	-18.1
Ogdensburg, NY	59,421	54,169	40,394	59,421	40,394	47.1
Philadelphia, PA	20	81,606	77,244	20	77,244	-100.0
Portland, ME	28	86	-	28	-	-
St. Albans, VT	-	130	75	-	75	-
Southern Total	6,055,606	4,699,859	4,005,683	6,055,606	4,005,683	51.2
Charleston, SC	38	866	190	38	190	-80.0
El Paso, TX	25,614	49,694	38,547	25,614	38,547	-33.6
Houston-Galveston, TX	29,543	90,375	3,294	29,543	3,294	NM
Laredo, TX	3,363	2,295	177,607	3,363	177,607	-98.1
Miami, FL	62	471	133	62	133	-53.4
Mobile, AL	2,861,930	3,091,929	2,387,161	2,861,930	2,387,161	19.9
New Orleans, LA	3,135,022	1,461,948	1,398,475	3,135,022	1,398,475	124.2
Savannah, GA	34	2,257	276	34	276	-87.7
Tampa, FL	-	24	-	-	-	-
Western Total	2,185,111	1,355,213	2,267,553	2,185,111	2,267,553	-3.6
Great Falls, MT	592	104	66	592	66	NM
Los Angeles, CA	186,110	148,237	13,235	186,110	13,235	NM
Nogales, AZ	35	22	48	35	48	-27.1
San Diego, CA	29	-	96	29	96	-69.8
San Francisco, CA	510,393	555,444	356,478	510,393	356,478	43.2
Seattle, WA	1,487,952	651,406	1,897,630	1,487,952	1,897,630	-21.6
Northern Total	58,497	608,206	22,878	58,497	22,878	155.7
Chicago, IL	54	12	-	54	-	-
Cleveland, OH	48,859	524,251	13,821	48,859	13,821	253.5
Detroit, MI	4,547	22,204	5,848	4,547	5,848	-22.2
Duluth, MN	-	24	85	-	85	-
Minneapolis, MN	-	61,043	-	-	-	-
Pembina, ND	5,037	672	3,124	5,037	3,124	61.2
Other Ports	2,354	2,778	8,461	2,354	8,461	-72.2
Total	20,705,921	19,063,979	19,976,530	20,705,921	19,976,530	3.7

- = No data reported.

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

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

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

Table 14. Steam coal exports by customs district

(short tons)

Customs district	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Eastern Total	4,416,422	4,297,761	4,390,600	4,416,422	4,390,600	0.6
Baltimore, MD	3,547,955	3,316,575	3,185,560	3,547,955	3,185,560	11.4
Buffalo, NY	1,058	31,670	2,148	1,058	2,148	-50.7
New York City, NY	1,442	936	771	1,442	771	87.0
Norfolk, VA	808,465	814,874	1,164,406	808,465	1,164,406	-30.6
Ogdensburg, NY	57,454	51,968	37,579	57,454	37,579	52.9
Philadelphia, PA	20	81,606	82	20	82	-75.6
Portland, ME	28	86	-	28	-	-
St. Albans, VT	-	46	54	-	54	-
Southern Total	3,744,265	2,089,713	1,633,040	3,744,265	1,633,040	129.3
Charleston, SC	21	866	-	21	-	-
El Paso, TX	25,614	49,694	38,547	25,614	38,547	-33.6
Houston-Galveston, TX	29,543	89,380	3,294	29,543	3,294	NM
Laredo, TX	2,620	1,656	176,619	2,620	176,619	-98.5
Miami, FL	62	471	133	62	133	-53.4
Mobile, AL	566,784	495,574	94,966	566,784	94,966	496.8
New Orleans, LA	3,119,587	1,449,791	1,319,323	3,119,587	1,319,323	136.5
Savannah, GA	34	2,257	158	34	158	-78.5
Tampa, FL	-	24	-	-	-	-
Western Total	2,185,111	1,355,105	2,267,553	2,185,111	2,267,553	-3.6
Great Falls, MT	592	104	66	592	66	NM
Los Angeles, CA	186,110	148,129	13,235	186,110	13,235	NM
Nogales, AZ	35	22	48	35	48	-27.1
San Diego, CA	29	-	96	29	96	-69.8
San Francisco, CA	510,393	555,444	356,478	510,393	356,478	43.2
Seattle, WA	1,487,952	651,406	1,897,630	1,487,952	1,897,630	-21.6
Northern Total	9,638	67,400	9,036	9,638	9,036	6.7
Chicago, IL	54	12	-	54	-	-
Detroit, MI	4,547	5,649	5,848	4,547	5,848	-22.2
Duluth, MN	-	24	64	-	64	-
Minneapolis, MN	-	61,043	-	-	-	-
Pembina, ND	5,037	672	3,124	5,037	3,124	61.2
Other Ports	2,354	2,778	8,461	2,354	8,461	-72.2
Total	10,357,790	7,812,757	8,308,690	10,357,790	8,308,690	24.7

- = No data reported.

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

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

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

Table 15. Metallurgical coal exports by customs district

(short tons)

Customs district	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Eastern Total	7,987,931	8,100,162	9,281,355	7,987,931	9,281,355	-13.9
Baltimore, MD	1,749,655	1,297,248	1,896,229	1,749,655	1,896,229	-7.7
Buffalo, NY	157,384	968,501	60,324	157,384	60,324	160.9
Norfolk, VA	6,078,925	5,832,128	7,244,804	6,078,925	7,244,804	-16.1
Ogdensburg, NY	1,967	2,201	2,815	1,967	2,815	-30.1
Philadelphia, PA	-	-	77,162	-	77,162	-
St. Albans, VT	-	84	21	-	21	-
Southern Total	2,311,341	2,610,146	2,372,643	2,311,341	2,372,643	-2.6
Charleston, SC	17	-	190	17	190	-91.1
Houston-Galveston, TX	-	995	-	-	-	-
Laredo, TX	743	639	988	743	988	-24.8
Mobile, AL	2,295,146	2,596,355	2,292,195	2,295,146	2,292,195	0.1
New Orleans, LA	15,435	12,157	79,152	15,435	79,152	-80.5
Savannah, GA	-	-	118	-	118	-
Western Total	-	108	-	-	-	-
Los Angeles, CA	-	108	-	-	-	-
Northern Total	48,859	540,806	13,842	48,859	13,842	253.0
Cleveland, OH	48,859	524,251	13,821	48,859	13,821	253.5
Detroit, MI	-	16,555	-	-	-	-
Duluth, MN	-	-	21	-	21	-
Total	10,348,131	11,251,222	11,667,840	10,348,131	11,667,840	-11.3

- = No data reported.

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

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

Table 16. U.S. coke exports

(short tons)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	146,994	267,515	156,661	146,994	156,661	-6.2
Canada*	137,412	257,025	140,862	137,412	140,862	-2.4
Other**	9,582	10,490	15,799	9,582	15,799	-39.4
South America Total	46,297	20	22	46,297	22	NM
Other**	46,297	20	22	46,297	22	NM
Europe Total	23,397	89	30,388	23,397	30,388	-23.0
Other**	23,397	89	30,388	23,397	30,388	-23.0
Asia Total	158	62	507	158	507	-68.8
Other**	158	62	507	158	507	-68.8
Australia and Oceania Total	175	277	84	175	84	108.3
Other**	175	277	84	175	84	108.3
Africa Total	35,414	-	-	35,414	-	-
Other**	35,414	-	-	35,414	-	-
Total	252,435	267,963	187,662	252,435	187,662	34.5

* 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 2020.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and country of destination	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	278.01	222.67	321.01	278.01	321.01	-13.4
Canada*	271.03	215.52	311.49	271.03	311.49	-13.0
Other**	378.03	397.99	405.84	378.03	405.84	-6.9
South America Total	189.00	608.90	553.55	189.00	553.55	-65.9
Other**	189.00	608.90	553.55	189.00	553.55	-65.9
Europe Total	273.34	438.96	91.44	273.34	91.44	198.9
Other**	273.34	438.96	91.44	273.34	91.44	198.9
Asia Total	1,022.15	889.55	648.90	1,022.15	648.90	57.5
Other**	1,022.15	889.55	648.90	1,022.15	648.90	57.5
Australia and Oceania Total	556.23	523.77	458.55	556.23	458.55	21.3
Other**	556.23	523.77	458.55	556.23	458.55	21.3
Africa Total	294.84	-	-	294.84	-	-
Other**	294.84	-	-	294.84	-	-
Total	264.27	223.24	284.81	264.27	284.81	-7.2

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 2020.

- = No data reported.

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

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

Table 18. U.S. coal imports

(short tons)

Continent and country of origin	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	151,773	124,531	60,587	151,773	60,587	150.5
Canada	151,773	124,502	60,571	151,773	60,571	150.6
Mexico	-	29	16	-	16	-
South America Total	765,421	971,408	995,900	765,421	995,900	-23.1
Brazil	-	-	7	-	7	-
Colombia	765,421	971,346	995,831	765,421	995,831	-23.1
Peru	-	62	62	-	62	-
Europe Total	27,217	69,628	53,440	27,217	53,440	-49.1
Belgium	-	-	446	-	446	-
Germany, Federal Republic of	401	164	183	401	183	119.1
Greece	-	7	-	-	-	-
Russia	26,816	68,629	52,767	26,816	52,767	-49.2
Sweden	-	-	10	-	10	-
Turkey	-	11	-	-	-	-
United Kingdom	-	817	34	-	34	-
Asia Total	130,694	159,366	229,134	130,694	229,134	-43.0
China	16,447	19,010	45,731	16,447	45,731	-64.0
Indonesia	114,247	140,356	183,403	114,247	183,403	-37.7
Total	1,075,105	1,324,933	1,339,061	1,075,105	1,339,061	-19.7

- = 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	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	113.91	115.35	132.82	113.91	132.82	-14.2
Canada	113.91	115.25	132.73	113.91	132.73	-14.2
Mexico	-	561.17	477.50	-	477.50	-
South America Total	60.06	59.99	61.67	60.06	61.67	-2.6
Brazil	-	-	385.71	-	385.71	-
Colombia	60.06	59.98	61.66	60.06	61.66	-2.6
Peru	-	226.10	277.68	-	277.68	-
Europe Total	116.19	117.04	148.40	116.19	148.40	-21.7
Belgium	-	-	321.09	-	321.09	-
Germany, Federal Republic of	74.78	75.12	74.90	74.78	74.90	-0.2
Greece	-	287.86	-	-	-	-
Russia	116.81	117.56	146.97	116.81	146.97	-20.5
Sweden	-	-	375.00	-	375.00	-
Turkey	-	526.91	-	-	-	-
United Kingdom	-	74.92	436.76	-	436.76	-
Asia Total	80.22	84.28	68.12	80.22	68.12	17.8
China	187.53	78.36	89.14	187.53	89.14	110.4
Indonesia	64.77	85.08	62.88	64.77	62.88	3.0
U.S. Total*	71.54	71.11	69.46	71.54	69.46	3.0

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

- = No data reported.

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

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

Table 20. Coal imports by customs district

(short tons)

Customs district	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Eastern Total	69	41,414	41,421	69	41,421	-99.8
Buffalo, NY	69	11	79	69	79	-12.7
New York City, NY	-	44	-	-	-	-
Norfolk, VA	-	-	10	-	10	-
Ogdensburg, NY	-	22	-	-	-	-
Portland, ME	-	41,337	41,332	-	41,332	-
Southern Total	808,653	1,017,706	1,053,521	808,653	1,053,521	-23.2
Charleston, SC	-	38,315	-	-	-	-
Houston-Galveston, TX	30,118	7,790	10,494	30,118	10,494	187.0
Laredo, TX	-	29	16	-	16	-
Miami, FL	10	22	-	10	-	-
Mobile, AL	344,857	539,680	516,452	344,857	516,452	-33.2
New Orleans, LA	13,104	41,541	35,745	13,104	35,745	-63.3
San Juan, PR	346,361	315,320	419,919	346,361	419,919	-17.5
Tampa, FL	74,203	75,009	70,895	74,203	70,895	4.7
Western Total	213,278	214,214	188,436	213,278	188,436	13.2
Great Falls, MT	87,787	64,316	2,157	87,787	2,157	NM
Honolulu, HI	114,247	140,356	183,403	114,247	183,403	-37.7
San Francisco, CA	31	-	31	31	31	s
Seattle, WA	11,213	9,542	2,845	11,213	2,845	294.1
Northern Total	53,105	51,599	55,683	53,105	55,683	-4.6
Chicago, IL	-	7	7	-	7	-
Cleveland, OH	401	164	183	401	183	119.1
Detroit, MI	30,506	31,664	441	30,506	441	NM
Duluth, MN	1,552	942	635	1,552	635	144.4
Pembina, ND	20,646	18,822	54,417	20,646	54,417	-62.1
Total	1,075,105	1,324,933	1,339,061	1,075,105	1,339,061	-19.7

- = No data reported.

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

s = Absolute percentage less than 0.05.

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

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

Table 21. U.S. coke imports

(short tons)

Continent and country of origin	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	9,308	45,065	375	9,308	375	NM
Canada	9,308	45,065	375	9,308	375	NM
Europe Total	583	23,252	1,202	583	1,202	-51.5
Czech Republic	-	17,092	-	-	-	-
Germany, Federal Republic of	188	105	-	188	-	-
Italy	375	6,055	1,152	375	1,152	-67.4
United Kingdom	20	-	50	20	50	-60.0
Asia Total	561	72	554	561	554	1.3
China	148	72	36	148	36	311.1
Hong Kong	25	-	-	25	-	-
India	44	-	20	44	20	120.0
Japan	344	-	498	344	498	-30.9
Africa Total	5,690	4,101	3,504	5,690	3,504	62.4
South Africa	5,690	4,101	3,504	5,690	3,504	62.4
U.S. Total	16,142	72,490	5,635	16,142	5,635	186.5

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and country of origin	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
North America Total	172.68	161.46	268.02	172.68	268.02	-35.6
Canada	172.68	161.46	268.02	172.68	268.02	-35.6
Europe Total	385.40	296.29	326.80	385.40	326.80	17.9
Czech Republic	-	331.13	-	-	-	-
Germany, Federal Republic of	560.20	541.70	-	560.20	-	-
Italy	270.32	193.68	317.67	270.32	317.67	-14.9
United Kingdom	900.00	-	537.20	900.00	537.20	67.5
Asia Total	471.01	1,035.28	402.64	471.01	402.64	17.0
China	715.10	1,035.28	1,460.53	715.10	1,460.53	-51.0
Hong Kong	1,038.40	-	-	1,038.40	-	-
India	522.73	-	621.00	522.73	621.00	-15.8
Japan	318.14	-	317.39	318.14	317.39	0.2
Africa Total	326.67	293.70	521.01	326.67	521.01	-37.3
South Africa	326.67	293.70	521.01	326.67	521.01	-37.3
U.S. Total	245.01	213.06	451.11	245.01	451.11	-45.7

- = No data reported.

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

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

Receipts and prices

Table 23. Coal receipts at coke plants by census division

(thousand short tons)

Census division	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1,283	775	1,276	1,283	1,276	0.6
East North Central	2,375	1,913	2,215	2,375	2,215	7.2
South Atlantic	454	355	444	454	444	2.2
East South Central	157	193	185	157	185	-14.9
U.S. Total	4,269	3,235	4,120	4,269	4,120	3.6

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.'

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

(dollars per short ton)

Census division	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	w	w	w	w	w	w
East North Central	127.62	132.09	140.45	127.62	140.45	-9.1
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	117.27	123.48	129.81	117.27	129.81	-9.7

w = Data withheld to avoid disclosure.

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

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

Table 25. Open market sales and average price of coke and breeze

(thousand short tons and dollars per short ton)

Commodity	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Coke						
Sales	1,622	1,360	1,550	1,622	1,550	4.6
Average Price	300.13	322.95	333.35	300.13	333.35	-10.0
Breeze						
Sales	96	87	89	96	89	8.1
Average Price	76.82	93.33	89.30	76.82	89.30	-14.0

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

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

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

(thousand short tons)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
New England	-	-	7	-	7	-
Maine	-	-	7	-	7	-
Middle Atlantic	161	202	180	161	180	-10.3
New York	64	50	70	64	70	-8.6
Pennsylvania	98	152	110	98	110	-11.4
East North Central	1,112	1,366	1,412	1,112	1,412	-21.2
Illinois	558	676	644	558	644	-13.5
Indiana	298	380	454	298	454	-34.3
Michigan	40	73	40	40	40	-0.7
Ohio	108	102	119	108	119	-9.5
Wisconsin	108	135	154	108	154	-29.6
West North Central	2,764	2,907	2,788	2,764	2,788	-0.8
Iowa	451	545	559	451	559	-19.3
Kansas	18	8	9	18	9	101.6
Minnesota	278	325	212	278	212	31.2
Missouri	200	191	189	200	189	6.3
Nebraska	203	190	266	203	266	-23.7
North Dakota	1,564	1,615	1,515	1,564	1,515	3.3
South Dakota	49	34	38	49	38	27.8
South Atlantic	552	569	476	552	476	15.9
Florida	47	50	31	47	31	50.8
Georgia	86	76	51	86	51	69.6
Maryland	72	103	74	72	74	-2.8
North Carolina	105	93	96	105	96	9.2
South Carolina	44	40	41	44	41	7.5
Virginia	106	121	93	106	93	14.3
West Virginia	91	84	90	91	90	1.2
East South Central	585	634	650	585	650	-10.0
Alabama	152	169	167	152	167	-9.2
Kentucky	121	153	141	121	141	-13.9
Mississippi	15	15	18	15	18	-17.5
Tennessee	297	296	324	297	324	-8.3
West South Central	160	195	219	160	219	-27.0
Arkansas	25	36	40	25	40	-35.9
Louisiana	77	72	39	77	39	101.1
Oklahoma	25	25	59	25	59	-58.5
Texas	32	61	81	32	81	-60.4
Mountain	637	705	726	637	726	-12.3
Arizona	82	56	83	82	83	-1.9
Colorado	22	45	32	22	32	-30.5
Idaho	13	15	18	13	18	-28.9
Montana	47	97	40	47	40	17.2
Nevada	55	53	73	55	73	-24.7
New Mexico	14	18	14	14	14	-3.3
Utah	85	86	94	85	94	-9.0
Wyoming	320	336	372	320	372	-14.2
Pacific	331	360	384	331	384	-13.6
Alaska	s	s	s	s	s	s
California	288	326	346	288	346	-16.7
Oregon	22	10	10	22	10	108.8
Washington	22	24	27	22	27	-21.2
U.S. Total	6,303	6,938	6,842	6,303	6,842	-7.9

- = No data reported.

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

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

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

(dollars per short ton)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
New England	-	-	w	-	w	-
Maine	-	-	w	-	w	-
Middle Atlantic	86.47	84.30	90.43	86.47	90.43	-4.4
New York	w	w	w	w	w	w
Pennsylvania	w	w	w	w	w	w
East North Central	69.83	68.81	76.70	69.83	76.70	-9.0
Illinois	w	w	44.79	w	w	w
Indiana	w	w	109.46	w	w	w
Michigan	113.08	99.11	110.81	113.08	110.81	2.0
Ohio	103.29	92.84	102.73	103.29	102.73	0.5
Wisconsin	87.45	85.18	84.65	87.45	84.65	3.3
West North Central	28.28	29.17	27.44	28.28	27.44	3.1
Iowa	w	35.31	w	w	w	w
Kansas	w	w	w	w	w	w
Minnesota	49.17	49.91	48.38	49.17	48.38	1.6
Missouri	48.51	51.66	51.17	48.51	51.17	-5.2
Nebraska	25.66	24.95	w	25.66	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	94.87	93.76	99.03	94.87	99.03	-4.2
Florida	w	103.34	113.25	w	w	w
Georgia	79.12	90.87	96.79	79.12	96.79	-18.3
Maryland	w	w	w	w	w	w
North Carolina	96.68	99.79	98.39	96.68	98.39	-1.7
South Carolina	108.83	108.11	99.90	108.83	99.90	8.9
Virginia	92.51	87.76	92.89	92.51	92.89	-0.4
West Virginia	w	w	w	w	w	w
East South Central	98.07	95.70	100.28	98.07	100.28	-2.2
Alabama	w	w	w	w	w	w
Kentucky	109.66	102.41	119.99	109.66	119.99	-8.6
Mississippi	w	w	w	w	w	w
Tennessee	90.17	90.73	90.16	90.17	90.16	s
West South Central	71.99	73.57	81.42	71.99	81.42	-11.6
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	86.96	w	w	w
Texas	84.81	84.45	78.37	84.81	78.37	8.2
Mountain	58.88	58.36	59.62	58.88	59.62	-1.2
Arizona	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Idaho	w	w	w	w	w	w
Montana	41.20	35.69	w	41.20	w	w
Nevada	75.67	77.90	75.59	75.67	75.59	0.1
New Mexico	w	w	w	w	w	w
Utah	50.47	55.19	51.19	50.47	51.19	-1.4
Wyoming	49.91	48.54	49.27	49.91	49.27	1.3
Pacific	81.95	82.23	82.10	81.95	82.10	-0.2
California	82.35	82.09	81.92	82.35	81.92	0.5
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	56.41	56.90	59.47	56.41	59.47	-5.1

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

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

NAICS code		January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
					2021	2020	
311	Food Manufacturing	1,669	1,998	1,838	1,669	1,838	-9.2
312	Beverage and Tobacco Product Mfg.	5	4	5	5	5	-5.8
313	Textile Mills	13	8	15	13	15	-15.8
322	Paper Manufacturing	412	435	430	412	430	-4.2
324	Petroleum and Coal Products	1,438	1,420	1,424	1,438	1,424	1.0
325	Chemical Manufacturing	757	753	851	757	851	-11.1
327	Nonmetallic Mineral Products Mfg.	1,409	1,728	1,565	1,409	1,565	-9.9
331	Primary Metal Manufacturing	307	317	455	307	455	-32.4
333	Machinery Manufacturing	17	27	21	17	21	-15.5
339	Miscellaneous Manufacturing	275	247	238	275	238	15.8
U.S. Total		6,303	6,938	6,842	6,303	6,842	-7.9

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

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

NAICS code		January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
					2021	2020	
311	Food Manufacturing	38.88	42.02	41.06	38.88	41.06	-5.3
312	Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313	Textile Mills	111.26	w	113.13	w	w	w
322	Paper Manufacturing	90.40	92.78	89.10	90.40	89.10	1.5
324	Petroleum and Coal Products	w	w	w	w	w	w
325	Chemical Manufacturing	82.27	81.86	84.70	82.27	84.70	-2.9
327	Nonmetallic Mineral Products Mfg.	72.75	73.15	74.96	72.75	74.96	-2.9
331	Primary Metal Manufacturing	142.21	134.61	137.92	142.21	137.92	3.1
333	Machinery Manufacturing	w	w	w	w	w	w
339	Miscellaneous Manufacturing	59.04	54.11	53.70	59.04	53.70	9.9
U.S. Total		56.41	56.90	59.47	56.41	59.47	-5.1

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

Table 30. Coal receipts at commercial and institutional users by census division and state

(thousand short tons)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	4	2	5	4	5	-12.5
Pennsylvania	4	2	5	4	5	-12.5
East North Central	51	24	58	51	58	-12.7
Illinois	30	15	29	30	29	1.9
Indiana	21	8	16	21	16	31.0
Wisconsin	-	-	13	-	13	-
West North Central	33	28	50	33	50	-34.4
Iowa	21	21	23	21	23	-11.7
Minnesota	1	s	4	1	4	-68.6
Missouri	5	3	4	5	4	43.1
North Dakota	6	4	19	6	19	-69.3
South Atlantic	23	19	19	23	19	23.7
North Carolina	21	16	12	21	12	82.1
Virginia	2	4	7	2	7	-70.9
East South Central	s	s	2	s	2	-80.5
Kentucky	s	s	2	s	2	-80.5
Mountain	3	1	1	3	1	126.7
Colorado	s	1	s	s	s	99.2
Wyoming	3	1	1	3	1	129.6
Pacific	143	126	137	143	137	4.1
Alaska	143	126	137	143	137	4.1
U.S. Total	257	201	273	257	273	-5.7

- = No data reported.

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

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

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

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

(dollars per short ton)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	127.78	128.38	128.82	127.78	128.82	-0.8
Pennsylvania	127.78	128.38	128.82	127.78	128.82	-0.8
East North Central	57.17	54.23	80.62	57.17	80.62	-29.1
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Wisconsin	-	-	159.13	-	159.13	-
West North Central	77.39	78.13	83.31	77.39	83.31	-7.1
Iowa	w	w	w	w	w	w
Minnesota	w	w	w	w	w	w
Missouri	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Atlantic	w	w	121.64	w	w	w
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
Kentucky	w	w	w	w	w	w
Mountain	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Wyoming	w	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	81.51	83.79	87.19	81.51	87.19	-6.5

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

Consumption

Table 32. U.S. coal consumption by end-use sector, 2015 - 2021

(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	
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	145,189	4,463	3,056	4,718	7,774	172	148	320	157,746
April - June	117,771	4,660	2,611	4,392	7,003	105	71	176	129,609
July - September	155,612	4,455	2,515	4,491	7,006	112	42	154	167,226
October - December	120,034	4,389	2,711	4,601	7,312	131	96	227	131,962
Total	538,606	17,967	10,892	18,203	29,095	519	357	876	586,543
2020									
January - March	97,854	4,276	2,811	4,256	7,068	130	176	306	109,503
April - June	87,239	3,455	2,223	3,374	5,598	96	46	143	96,434
July - September	139,308	3,162	2,271	3,661	5,932	114	35	148	148,551
October - December	112,123	3,520	2,585	4,402	6,987	120	76	196	122,826
Total	436,524	14,414	9,890	15,694	25,584	459	334	793	477,315
2021									
January - March	128,150	4,361	2,523	4,053	6,575	154	118	272	139,359
Total	128,150	4,361	2,523	4,053	6,575	154	118	272	139,359
2020 January - March	97,854	4,276	2,811	4,256	7,068	130	176	306	109,503
2019 January - March	145,189	4,463	3,056	4,718	7,774	172	148	320	157,746

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

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

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

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

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

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

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

Table 33. Coal carbonized at coke plants by census division

(thousand short tons)

Census division	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1,223	861	1,199	1,223	1,199	1.9
East North Central	2,524	2,111	2,405	2,524	2,405	4.9
South Atlantic	418	356	451	418	451	-7.2
East South Central	196	193	221	196	221	-11.3
U.S. Total	4,361	3,520	4,276	4,361	4,276	2.0

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

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

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

(thousand short tons)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
New England	-	1	7	-	7	-
Maine	-	1	7	-	7	-
Middle Atlantic	188	183	196	188	196	-4.4
New York	76	44	83	76	83	-8.9
Pennsylvania	112	139	113	112	113	-1.1
East North Central	1,246	1,379	1,518	1,246	1,518	-17.9
Illinois	564	690	638	564	638	-11.6
Indiana	364	364	471	364	471	-22.8
Michigan	70	85	98	70	98	-28.3
Ohio	112	105	117	112	117	-4.1
Wisconsin	137	135	194	137	194	-29.7
West North Central	2,805	2,906	2,900	2,805	2,900	-3.3
Iowa	468	534	585	468	585	-20.0
Kansas	4	15	18	4	18	-75.9
Minnesota	279	324	210	279	210	32.4
Missouri	198	192	185	198	185	7.0
Nebraska	205	210	274	205	274	-25.0
North Dakota	1,599	1,593	1,569	1,599	1,569	1.9
South Dakota	52	37	58	52	58	-11.2
South Atlantic	540	566	528	540	528	2.3
Florida	50	46	63	50	63	-20.1
Georgia	82	75	79	82	79	4.0
Maryland	69	107	75	69	75	-8.0
North Carolina	101	95	96	101	96	5.7
South Carolina	39	42	28	39	28	39.5
Virginia	112	107	105	112	105	6.6
West Virginia	88	95	84	88	84	4.8
East South Central	612	617	628	612	628	-2.5
Alabama	157	158	153	157	153	2.6
Kentucky	125	156	139	125	139	-10.1
Mississippi	19	16	20	19	20	-5.9
Tennessee	311	287	316	311	316	-1.5
West South Central	180	186	233	180	233	-22.6
Arkansas	34	36	42	34	42	-16.9
Louisiana	77	72	42	77	42	85.7
Oklahoma	18	20	61	18	61	-70.0
Texas	50	58	88	50	88	-43.3
Mountain	676	759	729	676	729	-7.3
Arizona	62	72	73	62	73	-15.7
Colorado	22	45	32	22	32	-32.4
Idaho	50	37	39	50	39	27.7
Montana	63	94	47	63	47	34.8
Nevada	63	65	65	63	65	-2.8
New Mexico	15	19	14	15	14	6.9
Utah	74	86	90	74	90	-17.9
Wyoming	327	341	368	327	368	-11.3
Pacific	328	391	329	328	329	-0.5
Alaska	s	s	s	s	s	s
California	286	333	300	286	300	-4.7
Oregon	21	35	-	21	-	-
Washington	21	22	29	21	29	-29.2
U.S. Total	6,575	6,987	7,068	6,575	7,068	-7.0

- = No data reported.

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

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

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

NAICS code	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
311 Food Manufacturing	1,774	2,010	1,919	1,774	1,919	-7.6
312 Beverage and Tobacco Product Mfg.	5	4	5	5	5	-10.8
313 Textile Mills	11	8	17	11	17	-36.0
322 Paper Manufacturing	442	418	506	442	506	-12.6
324 Petroleum and Coal Products	1,419	1,399	1,438	1,419	1,438	-1.3
325 Chemical Manufacturing	776	798	825	776	825	-5.9
327 Nonmetallic Mineral Products Mfg.	1,482	1,765	1,649	1,482	1,649	-10.2
331 Primary Metal Manufacturing	367	312	461	367	461	-20.4
333 Machinery Manufacturing	21	20	8	21	8	168.2
339 Miscellaneous Manufacturing	280	253	240	280	240	16.5
U.S. Total	6,575	6,987	7,068	6,575	7,068	-7.0

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

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

(thousand short tons)

Census division and state	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	5	1	7	5	7	-18.3
Pennsylvania	5	1	7	5	7	-18.3
East North Central	49	25	59	49	59	-16.7
Illinois	28	16	27	28	27	3.3
Indiana	21	8	17	21	17	26.5
Wisconsin	-	-	15	-	15	-
West North Central	45	23	56	45	56	-19.1
Iowa	25	18	23	25	23	7.6
Minnesota	5	s	2	5	2	102.1
Missouri	6	2	5	6	5	43.1
North Dakota	9	3	26	9	26	-65.6
South Atlantic	23	12	24	23	24	-4.2
North Carolina	19	11	15	19	15	22.4
Virginia	4	1	8	4	8	-53.0
East South Central	1	s	2	1	2	-50.1
Kentucky	1	s	2	1	2	-50.1
Mountain	4	2	2	4	2	71.1
Colorado	s	1	s	s	s	-35.2
Montana	1	-	1	1	1	40.4
Wyoming	3	1	1	3	1	129.6
Pacific	144	133	156	144	156	-7.1
Alaska	144	133	156	144	156	-7.1
U.S. Total	272	196	306	272	306	-10.9

- = No data reported.

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

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

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

Stocks

Table 37. U.S. coal stocks, 2015 - 2021

(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			
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	96,932	2,005	2,832	221	101,990	24,160	126,150
June 30	116,861	2,296	2,985	201	122,343	24,529	146,872
September 30	110,615	2,463	3,168	232	116,478	27,714	144,192
December 31	128,176	2,333	3,258	246	134,014	31,320	165,334
2020							
March 31	145,218	2,148	3,017	212	150,594	30,829*	181,423
June 30	150,406	2,022	2,998	213	155,639	29,510*	185,149
September 30	129,079	1,975	2,874	234	134,162	27,537*	161,699
December 31	132,723	1,654	2,848	250	137,474	28,484*	165,958
2021							
March 31	111,815	1,545	2,555	229	116,144	28,146*	144,290

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

2 Manufacturing plants only.

* Estimated.

- = No data reported.

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

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

Table 38. Coal stocks at coke plants by census division

(thousand short tons)

Census division	March 31, 2021	December 31, 2020	March 31, 2020	Percent change (March 31) 2021 versus 2020
Middle Atlantic	424	364	521	-18.6
East North Central	780	929	1,174	-33.5
South Atlantic	196	167	206	-4.9
East South Central	145	194	246	-41.3
U.S. Total	1,545	1,654	2,148	-28.1

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

(thousand short tons)

Census division and state	March 31, 2021	December 31, 2020	March 31, 2020	Percent change (March 31) 2021 versus 2020
New England	-	-	1	-100.0
Maine	-	-	1	-100.0
Middle Atlantic	184	212	217	-15.2
New York	50	63	64	-21.0
Pennsylvania	134	149	154	-12.8
East North Central	476	619	732	-34.9
Illinois	115	122	126	-8.5
Indiana	145	211	296	-50.9
Michigan	103	140	175	-41.0
Ohio	25	29	27	-7.4
Wisconsin	88	117	108	-19.0
West North Central	458	499	411	11.5
Iowa	152	163	138	10.7
Kansas	21	8	9	124.9
Minnesota	37	38	37	1.0
Missouri	47	45	69	-31.8
Nebraska	28	35	36	-22.8
North Dakota	136	171	101	34.3
South Dakota	36	39	21	75.2
South Atlantic	369	355	409	-9.7
Florida	51	56	66	-22.4
Georgia	54	44	74	-26.9
Maryland	10	6	9	7.8
North Carolina	70	65	55	27.1
South Carolina	48	45	67	-28.5
Virginia	47	53	46	3.9
West Virginia	89	85	92	-3.5
East South Central	199	237	222	-10.6
Alabama	62	77	85	-26.8
Kentucky	61	66	33	83.2
Mississippi	5	8	2	94.3
Tennessee	71	85	102	-30.1
West South Central	251	280	300	-16.3
Arkansas	24	33	28	-15.7
Louisiana	4	3	3	24.9
Oklahoma	85	79	106	-19.3
Texas	139	165	164	-15.3
Mountain	493	530	544	-9.2
Arizona	44	24	42	3.8
Colorado	15	15	27	-45.2
Idaho	166	201	210	-20.7
Montana	56	73	44	28.7
Nevada	46	54	42	8.2
New Mexico	2	3	4	-46.5
Utah	39	28	61	-35.9
Wyoming	125	133	114	9.9
Pacific	123	116	181	-31.7
California	116	110	159	-27.0
Oregon	2	2	16	-86.3
Washington	5	4	5	-1.5
U.S. Total	2,555	2,848	3,017	-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.'

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

(thousand short tons)

NAICS code	March 31, 2021	December 31, 2020	March 31, 2020	Percent change (March 31) 2021 versus 2020
311 Food Manufacturing	531	645	538	-1.3
312 Beverage and Tobacco Product Mfg.	1	s	2	-66.4
313 Textile Mills	6	5	9	-29.7
322 Paper Manufacturing	200	227	319	-37.1
324 Petroleum and Coal Products	182	163	161	12.9
325 Chemical Manufacturing	232	241	313	-25.9
327 Nonmetallic Mineral Products Mfg.	1,137	1,249	1,274	-10.8
331 Primary Metal Manufacturing	99	159	259	-61.6
333 Machinery Manufacturing	16	19	27	-40.5
339 Miscellaneous Manufacturing	151	139	115	30.5
U.S. Total	2,555	2,848	3,017	-15.3

* Includes coal gasification projects.

** Excludes coke plants.

- = No data reported.

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

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

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

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

(thousand short tons)

Census division	March 31, 2021	December 31, 2020	March 31, 2020	Percent change (March 31) 2021 versus 2020
Middle Atlantic	46	46	128	-63.8
East North Central	299	248	216	38.1
South Atlantic	107	121	58	83.5
East South Central	162	158	134	21.0
U.S. Total	614	573	536	14.5
Coke Total	489	481	451	8.5
Breeze Total	125	92	85	46.6

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.'

Table 42. Coal stocks at commercial and institutional users by census division and state

(thousand short tons)

Census division and state	March 31, 2021	December 31, 2020	March 31, 2020	Percent change (March 31) 2021 versus 2020
Middle Atlantic	21	28	36	-40.9
Pennsylvania	21	28	36	-40.9
East North Central	23	22	20	15.8
Illinois	21	20	19	9.6
Indiana	2	2	s	279.3
Wisconsin	-	-	s	-100.0
West North Central	26	39	29	-8.5
Iowa	17	22	16	12.4
Minnesota	5	9	9	-41.3
Missouri	-	1	-	-
North Dakota	4	7	4	-16.7
South Atlantic	43	42	41	4.0
District of Columbia	3	3	3	s
North Carolina	30	28	29	2.6
Virginia	10	12	9	9.9
East South Central	6	7	7	-10.6
Kentucky	6	7	7	-10.6
Mountain	3	4	1	75.8
Colorado	s	s	s	21.2
Montana	2	3	1	102.5
Wyoming	s	s	s	s
Pacific	107	109	78	37.0
Alaska	107	109	78	37.0
U.S. Total	229	250	212	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.'

Quality

Table 43. Average quality of coal received at manufacturing and coke Plants by census division and state

Census division and state ¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
New England						
Btu	-	-	12,336	-	12,336	-
Sulfur	-	-	0.77	-	0.77	-
Ash	-	-	5.76	-	5.76	-
Maine						
Btu	-	-	12,336	-	12,336	-
Sulfur	-	-	0.77	-	0.77	-
Ash	-	-	5.76	-	5.76	-
Middle Atlantic						
Btu	14,258	14,027	14,197	14,258	14,197	0.4
Sulfur	1.16	1.21	1.12	1.16	1.12	3.0
Ash	7.27	7.29	7.11	7.27	7.11	2.3
New York						
Btu	12,743	12,742	12,732	12,743	12,732	0.1
Sulfur	2.23	2.19	2.24	2.23	2.24	-0.6
Ash	9.31	9.22	9.40	9.31	9.40	-1.0
Pennsylvania						
Btu	14,328	14,097	14,271	14,328	14,271	0.4
Sulfur	1.11	1.15	1.07	1.11	1.07	3.8
Ash	7.18	7.18	6.99	7.18	6.99	2.7
East North Central						
Btu	13,472	13,088	13,302	13,472	13,302	1.3
Sulfur	1.24	1.18	1.22	1.24	1.22	1.9
Ash	7.28	7.11	7.13	7.28	7.13	2.1
Illinois						
Btu	11,810	10,997	11,478	11,810	11,478	2.9
Sulfur	2.12	1.82	2.09	2.12	2.09	1.4
Ash	7.45	6.93	7.39	7.45	7.39	0.9
Indiana						
Btu	14,198	14,108	14,109	14,198	14,109	0.6
Sulfur	0.99	0.93	0.87	0.99	0.87	13.9
Ash	7.47	7.20	7.06	7.47	7.06	5.9
Michigan						
Btu	12,887	12,816	12,729	12,887	12,729	1.2
Sulfur	0.70	0.67	0.66	0.70	0.66	7.0
Ash	7.31	7.45	6.98	7.31	6.98	4.7
Ohio						
Btu	14,309	14,175	14,204	14,309	14,204	0.7
Sulfur	0.96	1.05	1.05	0.96	1.05	-8.7
Ash	6.97	7.10	7.19	6.97	7.19	-3.0
Wisconsin						
Btu	10,904	11,577	10,402	10,904	10,402	4.8
Sulfur	0.93	1.05	0.79	0.93	0.79	17.9
Ash	6.62	6.79	6.13	6.62	6.13	7.8
West North Central						
Btu	8,141	8,278	8,154	8,141	8,154	-0.2
Sulfur	0.83	0.81	0.83	0.83	0.83	0.4
Ash	6.32	6.06	6.49	6.32	6.49	-2.6
Iowa						
Btu	8,962	9,207	9,068	8,962	9,068	-1.2
Sulfur	0.53	0.81	0.69	0.53	0.69	-23.3
Ash	4.98	5.40	5.20	4.98	5.20	-4.2
Kansas						
Btu	10,540	10,771	10,577	10,540	10,577	-0.4
Sulfur	2.34	2.48	2.44	2.34	2.44	-4.3
Ash	12.83	12.66	12.40	12.83	12.40	3.4
Minnesota						

Census division and state¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Btu	9,338	9,331	9,328	9,338	9,328	0.1
Sulfur	0.36	0.35	0.36	0.36	0.36	-0.4
Ash	4.19	4.17	4.15	4.19	4.15	1.1
Missouri						
Btu	11,153	11,296	11,179	11,153	11,179	-0.2
Sulfur	2.61	2.15	2.25	2.61	2.25	16.1
Ash	8.94	8.19	8.45	8.94	8.45	5.8
Nebraska						
Btu	8,730	8,708	8,714	8,730	8,714	0.2
Sulfur	0.22	0.22	0.22	0.22	0.22	2.4
Ash	4.62	4.61	4.55	4.62	4.55	1.7
North Dakota						
Btu	7,192	7,331	7,157	7,192	7,157	0.5
Sulfur	0.85	0.81	0.87	0.85	0.87	-3.2
Ash	6.89	6.54	7.36	6.89	7.36	-6.3
South Dakota						
Btu	8,421	8,377	8,400	8,421	8,400	0.3
Sulfur	0.55	0.53	0.54	0.55	0.54	3.2
Ash	6.23	6.11	6.09	6.23	6.09	2.2
South Atlantic						
Btu	13,515	13,385	13,625	13,515	13,625	-0.8
Sulfur	1.02	1.01	1.08	1.02	1.08	-5.2
Ash	8.76	9.71	8.85	8.76	8.85	-1.0
Florida						
Btu	12,894	12,700	12,448	12,894	12,448	3.6
Sulfur	1.60	1.26	1.08	1.60	1.08	48.1
Ash	10.87	9.70	8.92	10.87	8.92	21.9
Georgia						
Btu	12,558	12,453	12,858	12,558	12,858	-2.3
Sulfur	0.91	0.86	0.91	0.91	0.91	0.4
Ash	9.44	9.23	8.32	9.44	8.32	13.5
Maryland						
Btu	12,208	11,569	11,323	12,208	11,323	7.8
Sulfur	1.38	1.41	1.66	1.38	1.66	-16.6
Ash	17.87	24.11	23.47	17.87	23.47	-23.9
North Carolina						
Btu	13,571	13,647	13,377	13,571	13,377	1.5
Sulfur	0.91	0.88	0.90	0.91	0.90	1.1
Ash	6.71	7.00	7.73	6.71	7.73	-13.1
South Carolina						
Btu	13,078	12,773	13,199	13,078	13,199	-0.9
Sulfur	1.06	1.12	1.65	1.06	1.65	-35.4
Ash	7.10	7.69	9.53	7.10	9.53	-25.6
Virginia						
Btu	14,049	13,949	14,162	14,049	14,162	-0.8
Sulfur	0.84	0.84	0.83	0.84	0.83	0.9
Ash	7.57	7.71	7.37	7.57	7.37	2.7
West Virginia						
Btu	13,649	13,850	13,979	13,649	13,979	-2.4
Sulfur	1.10	1.11	1.27	1.10	1.27	-13.3
Ash	8.34	7.74	7.15	8.34	7.15	16.7
East South Central						
Btu	13,292	13,399	13,445	13,292	13,445	-1.1
Sulfur	1.28	1.24	1.29	1.28	1.29	-0.7
Ash	7.34	7.39	6.83	7.34	6.83	7.5
Alabama						
Btu	13,618	13,692	13,810	13,618	13,810	-1.4
Sulfur	1.17	1.10	0.99	1.17	0.99	17.9
Ash	7.64	7.83	7.19	7.64	7.19	6.2
Kentucky						
Btu	12,944	13,167	13,252	12,944	13,252	-2.3

Census division and state¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Sulfur	1.03	1.14	1.31	1.03	1.31	-21.4
Ash	7.48	8.28	6.89	7.48	6.89	8.5
Mississippi						
Btu	14,748	14,733	14,795	14,748	14,795	-0.3
Sulfur	0.74	0.78	0.88	0.74	0.88	-16.0
Ash	3.59	3.40	3.33	3.59	3.33	7.9
Tennessee						
Btu	13,020	13,092	13,056	13,020	13,056	-0.3
Sulfur	1.53	1.49	1.63	1.53	1.63	-6.2
Ash	7.15	6.60	6.59	7.15	6.59	8.5
West South Central						
Btu	9,839	10,101	10,803	9,839	10,803	-8.9
Sulfur	0.76	0.66	0.77	0.76	0.77	-1.5
Ash	6.86	7.46	7.95	6.86	7.95	-13.6
Arkansas						
Btu	11,418	11,451	11,357	11,418	11,357	0.5
Sulfur	1.68	1.04	1.26	1.68	1.26	32.8
Ash	9.33	8.48	8.91	9.33	8.91	4.6
Louisiana						
Btu	7,489	7,489	8,140	7,489	8,140	-8.0
Sulfur	0.49	0.50	0.64	0.49	0.64	-23.7
Ash	6.46	6.44	5.98	6.46	5.98	8.0
Oklahoma						
Btu	13,581	12,560	13,720	13,581	13,720	-1.0
Sulfur	0.72	0.68	0.76	0.72	0.76	-5.8
Ash	5.08	7.34	6.30	5.08	6.30	-19.3
Texas						
Btu	11,391	11,388	9,673	11,391	9,673	17.8
Sulfur	0.73	0.60	0.61	0.73	0.61	20.3
Ash	7.25	8.13	9.61	7.25	9.61	-24.5
Mountain						
Btu	10,661	10,577	10,535	10,661	10,535	1.2
Sulfur	0.52	0.52	0.54	0.52	0.54	-4.8
Ash	6.53	6.84	6.63	6.53	6.63	-1.6
Arizona						
Btu	11,508	11,705	11,728	11,508	11,728	-1.9
Sulfur	0.70	0.69	0.71	0.70	0.71	-1.0
Ash	9.44	10.50	11.24	9.44	11.24	-16.0
Colorado						
Btu	12,127	12,018	12,181	12,127	12,181	-0.4
Sulfur	0.57	0.60	0.49	0.57	0.49	15.7
Ash	8.60	9.34	9.13	8.60	9.13	-5.7
Idaho						
Btu	11,227	12,782	12,025	11,227	12,025	-6.6
Sulfur	0.37	0.47	0.45	0.37	0.45	-17.0
Ash	10.88	9.50	9.78	10.88	9.78	11.3
Montana						
Btu	8,574	8,681	8,283	8,574	8,283	3.5
Sulfur	0.47	0.36	0.45	0.47	0.45	4.2
Ash	6.06	5.58	5.96	6.06	5.96	1.7
Nevada						
Btu	11,667	11,923	11,634	11,667	11,634	0.3
Sulfur	0.41	0.42	0.42	0.41	0.42	-1.6
Ash	9.62	9.14	9.23	9.62	9.23	4.3
New Mexico						
Btu	12,344	12,191	12,261	12,344	12,261	0.7
Sulfur	0.73	0.74	0.61	0.73	0.61	19.7
Ash	9.61	10.45	10.45	9.61	10.45	-8.0
Utah						
Btu	11,523	11,967	11,312	11,523	11,312	1.9
Sulfur	0.41	0.43	0.40	0.41	0.40	3.4

Census division and state ¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Ash	10.05	9.71	11.15	10.05	11.15	-9.8
Wyoming						
Btu	10,150	9,996	9,820	10,150	9,820	3.4
Sulfur	0.51	0.56	0.58	0.51	0.58	-11.6
Ash	3.92	4.85	3.52	3.92	3.52	11.6
Pacific						
Btu	11,388	11,450	11,450	11,388	11,450	-0.5
Sulfur	0.44	0.40	0.48	0.44	0.48	-7.2
Ash	9.22	9.59	10.18	9.22	10.18	-9.4
California						
Btu	11,517	11,589	11,591	11,517	11,591	-0.6
Sulfur	0.45	0.40	0.49	0.45	0.49	-7.2
Ash	9.48	9.96	10.71	9.48	10.71	-11.4
Oregon						
Btu	11,657	11,875	11,861	11,657	11,861	-1.7
Sulfur	0.38	0.39	0.40	0.38	0.40	-5.0
Ash	10.79	10.18	8.94	10.79	8.94	20.7
Washington						
Btu	9,408	9,349	9,504	9,408	9,504	-1.0
Sulfur	0.33	0.32	0.33	0.33	0.33	s
Ash	4.10	4.29	3.98	4.10	3.98	3.0
U.S. Total						
Btu	11,887	11,566	11,850	11,887	11,850	0.3
Sulfur	1.03	0.98	1.02	1.03	1.02	0.8
Ash	7.18	7.16	7.18	7.18	7.18	0.1

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

- = No data reported.

s = Absolute percentage less than 0.05.

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

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

Census division and state ¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic						
Btu	12,653	12,883	12,836	12,653	12,836	-1.4
Sulfur	0.90	0.68	0.64	0.90	0.64	40.9
Ash	6.87	6.73	7.07	6.87	7.07	-2.9
Pennsylvania						
Btu	12,653	12,883	12,836	12,653	12,836	-1.4
Sulfur	0.90	0.68	0.64	0.90	0.64	40.9
Ash	6.87	6.73	7.07	6.87	7.07	-2.9
East North Central						
Btu	11,194	11,213	11,773	11,194	11,773	-4.9
Sulfur	2.77	3.02	2.26	2.77	2.26	22.4
Ash	9.44	9.77	8.86	9.44	8.86	6.5
Illinois						
Btu	11,152	11,232	11,302	11,152	11,302	-1.3
Sulfur	3.19	3.29	3.19	3.19	3.19	s
Ash	9.42	10.13	9.36	9.42	9.36	0.7
Indiana						
Btu	11,253	11,180	11,339	11,253	11,339	-0.8
Sulfur	2.19	2.54	1.78	2.19	1.78	22.6
Ash	9.47	9.14	8.95	9.47	8.95	5.9
Wisconsin						
Btu	-	-	13,375	-	13,375	-
Sulfur	-	-	0.78	-	0.78	-
Ash	-	-	7.65	-	7.65	-
West North Central						
Btu	10,827	10,769	10,215	10,827	10,215	6.0
Sulfur	2.26	2.23	1.78	2.26	1.78	27.6
Ash	7.76	8.64	7.82	7.76	7.82	-0.9
Iowa						
Btu	11,213	10,979	11,312	11,213	11,312	-0.9
Sulfur	2.78	2.53	2.85	2.78	2.85	-2.5
Ash	8.64	9.46	8.40	8.64	8.40	2.9
Minnesota						
Btu	9,504	9,381	8,983	9,504	8,983	5.8
Sulfur	0.32	0.31	0.29	0.32	0.29	10.5
Ash	3.85	4.12	4.75	3.85	4.75	-19.0
Missouri						
Btu	11,461	11,414	11,436	11,461	11,436	0.2
Sulfur	2.83	2.92	3.03	2.83	3.03	-6.6
Ash	8.07	8.18	8.11	8.07	8.11	-0.5
North Dakota						
Btu	9,207	9,289	8,914	9,207	8,914	3.3
Sulfur	0.40	0.32	0.56	0.40	0.56	-28.0
Ash	5.27	4.95	7.78	5.27	7.78	-32.2
South Atlantic						
Btu	12,731	12,927	13,271	12,731	13,271	-4.1
Sulfur	1.56	1.56	1.45	1.56	1.45	7.8
Ash	8.33	7.76	6.96	8.33	6.96	19.6
North Carolina						
Btu	12,655	12,840	13,152	12,655	13,152	-3.8
Sulfur	1.63	1.71	1.80	1.63	1.80	-9.6
Ash	8.56	7.96	7.26	8.56	7.26	17.8
Virginia						
Btu	13,498	13,313	13,464	13,498	13,464	0.3
Sulfur	0.88	0.93	0.88	0.88	0.88	0.1
Ash	5.98	6.87	6.48	5.98	6.48	-7.7
East South Central						

Census division and state ¹	January - March 2021	October - December 2020	January - March 2020	Year to date		Percent change
				2021	2020	
Btu	13,041	13,321	13,049	13,041	13,049	-0.1
Sulfur	0.80	0.78	0.78	0.80	0.78	2.6
Ash	6.46	4.94	6.58	6.46	6.58	-1.8
Kentucky						
Btu	13,041	13,321	13,049	13,041	13,049	-0.1
Sulfur	0.80	0.78	0.78	0.80	0.78	2.6
Ash	6.46	4.94	6.58	6.46	6.58	-1.8
Mountain						
Btu	11,455	11,150	11,399	11,455	11,399	0.5
Sulfur	0.50	0.51	0.48	0.50	0.48	4.6
Ash	10.74	11.03	12.46	10.74	12.46	-13.8
Colorado						
Btu	11,546	11,355	11,346	11,546	11,346	1.8
Sulfur	0.50	0.50	0.46	0.50	0.46	8.7
Ash	10.08	10.43	11.46	10.08	11.46	-12.0
Montana						
Wyoming						
Btu	11,447	11,027	11,405	11,447	11,405	0.4
Sulfur	0.50	0.52	0.48	0.50	0.48	4.2
Ash	10.80	11.38	12.56	10.80	12.56	-14.0
Pacific						
Btu	7,477	7,581	7,423	7,477	7,423	0.7
Sulfur	0.14	0.16	0.15	0.14	0.15	-4.6
Ash	5.42	7.27	7.23	5.42	7.23	-25.0
Alaska						
Btu	7,477	7,581	7,423	7,477	7,423	0.7
Sulfur	0.14	0.16	0.15	0.14	0.15	-4.6
Ash	5.42	7.27	7.23	5.42	7.23	-25.0
U.S. Total						
Btu	9,256	9,051	9,432	9,256	9,432	-1.9
Sulfur	1.08	0.93	1.00	1.08	1.00	7.4
Ash	6.86	7.82	7.69	6.86	7.69	-10.7

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

- = No data reported.

s = Absolute percentage less than 0.05.

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