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Quarterly Coal Report October–December 2021

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Contacts

If you need more information about the data in this report, please email the [coal data team](#).

If you have general question about coal statistics, please contact our customer inquiry line 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 contains U.S. coke production, consumption, stocks, imports, and exports data. The fourth-quarter 2021 QCR includes detailed quarterly coal data for October 2021 to December 2021 and aggregated quarterly historical coal data for 2015 through fourth-quarter 2021.

All data for 2020 and previous years are final. All data for 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	149,198	1,339	1,862	30,829	109,626	19,911	150,663	-
April - June	116,218	1,127	1,392	29,510	96,336	14,848	155,779	-
July - September	135,881	1,345	1,825	25,537	148,290	15,260	134,289	-
October - December	134,137	1,326	1,801	23,640	122,441	19,048	138,078	-
Total	535,434	5,137	6,880		476,693	69,067		5,308
2021								
January - March	140,306	1,075	2,190	28,146*	139,174	20,706	115,823	-
April - June	142,747	1,530	1,652	26,064*	124,566	22,133	115,546	-
July - September	148,279	1,134	2,118	23,449*	167,861	20,718	85,113	-
October - December	146,729	1,650	1,897	25,295*	114,070	21,651	99,108	-
Total	578,061	5,390	7,857		545,671	85,208		-2,256
2020 January - December	535,434	5,137	6,880		476,693	69,067		-
2019 January - December	706,309	6,697	8,003		586,543	93,765		-

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	452	2,852	188
April - June	2,452	26	633	2,180	117
July - September	2,306	57	563	2,323	111
October - December	2,550	72	481	2,436	268
Total	10,353	162		9,791	683
2021					
January - March	3,101	16	489	2,856	252
April - June	3,205	31	469	2,669	587
July - September	3,105	20	292	2,727	575
October - December	3,134	50	352	2,458	667
Total	12,545	117		10,710	2,081
2020 January - December	10,353	162		9,791	683
2019 January - December	12,870	116		11,932	967

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
April - June	20,612	24,140	4,488	49,241	32.87	45,797	45,797
July - September	24,209	27,056	6,464	57,729	33.32	57,206	57,206
October - December	10,266	14,303	4,330	28,899	33.84	27,786	27,786
Total	78,123	88,937	20,755	187,815	33.27	182,255	182,255

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	149,198	116,218	135,881	134,137	535,434
2021	140,306	142,747	148,279	146,729	578,061

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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Alabama	1,970	2,124	2,733	9,318	12,151	-23.3
Alaska	273	225	274	1,042	1,021	2.1
Colorado	3,484	3,388	2,592	11,875	10,035	18.3
Illinois	7,817	8,021	7,843	36,770	31,578	16.4
Indiana	4,959	5,000	4,560	19,470	19,942	-2.4
Kentucky Total	6,957	6,384	6,184	26,632	24,217	10.0
Eastern (Kentucky)	2,838	2,545	2,085	10,335	8,305	24.4
Western (Kentucky)	4,119	3,839	4,099	16,296	15,912	2.4
Louisiana	74	107	84	300	677	-55.6
Maryland	323	359	265	1,312	1,154	13.6
Mississippi	703	855	352	3,201	2,587	23.7
Missouri	7	s	38	44	159	-72.2
Montana	7,454	7,804	6,758	28,580	26,422	8.2
New Mexico	2,840	2,025	2,147	9,265	10,249	-9.6
North Dakota	6,222	7,258	6,399	26,543	26,438	0.4
Ohio	741	727	784	2,762	3,587	-23.0
Oklahoma	s	s	-	1	1	-36.5
Pennsylvania Total	9,981	9,196	9,755	42,360	36,305	16.7
Anthracite (Pennsylvania)	614	497	555	2,068	2,352	-12.1
Bituminous (Pennsylvania)	9,367	8,699	9,200	40,292	33,954	18.7
Tennessee	-	-	-	-	92	-
Texas	4,838	4,808	4,787	17,250	19,682	-12.4
Utah	3,075	3,130	3,170	12,344	13,163	-6.2
Virginia	2,733	2,852	2,609	10,812	9,685	11.6
West Virginia Total	20,185	18,709	17,235	78,587	67,278	16.8
Northern (West Virginia)	11,631	10,326	10,287	44,484	37,169	19.7
Southern (West Virginia)	8,554	8,383	6,947	34,103	30,109	13.3
Wyoming	61,943	65,197	55,438	239,180	218,556	9.4
Appalachia Total	38,771	36,512	35,465	155,485	138,557	12.2
Appalachia Central	14,125	13,780	11,641	55,250	48,191	14.6
Appalachia Northern	22,676	20,608	21,091	90,917	78,214	16.2
Appalachia Southern	1,970	2,124	2,733	9,318	12,151	-23.3
Interior Region Total	22,517	22,632	21,762	93,332	90,538	3.1
Illinois Basin	16,895	16,861	16,501	72,537	67,432	7.6
Interior	5,622	5,771	5,260	20,796	23,106	-10.0
Western Region Total	85,291	89,027	76,778	328,829	305,883	7.5
Powder River Basin	65,457	68,685	58,373	251,731	230,110	9.4
Uinta Region	6,280	6,260	5,477	23,208	22,036	5.3
Western	13,553	14,083	12,928	53,890	53,738	0.3
East of Mississippi River	56,370	54,228	52,318	231,223	208,576	10.9
West of Mississippi River	90,210	93,943	81,687	346,424	326,402	6.1
U.S. Subtotal	146,580	148,171	134,006	577,646	534,978	8.0
Refuse recovery	149	108	131	415	456	-9.1
U.S. Total	146,729	148,279	134,137	578,061	535,434	8.0

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. 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1,076	1,011	665	4,013	2,730	47.0
East North Central	1,753	1,764	1,567	7,262	6,225	16.7
South Atlantic	286	313	281	1,235	1,219	1.3
East South Central	147	161	169	645	687	-6.1
U.S. Total	3,263	3,250	2,682	13,155	10,860	21.1
Coke Total	3,134	3,105	2,550	12,545	10,353	21.2
Breeze Total	129	144	132	610	507	20.3

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

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

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	19,911	1,339	14,848	1,127	15,260	1,345	19,048	1,326	69,067	5,137
2021	20,706	1,075	22,133	1,530	20,718	1,134	21,651	1,650	85,208	5,390

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	90.15	69.46	90.61	74.92	88.83	72.17	83.35	71.10	88.08	71.79
2021	87.81	71.54	93.24	81.99	113.95	95.84	160.58	110.28	114.07	91.48

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	183,505	36,914	-	37,390	1,126,842
July - September	-	118,383	962,910	132,718	8,159	-	123,025	1,345,195
October - December	-	125,841	971,346	140,356	19,010	-	69,719	1,326,272
U.S. Total	-	448,719	3,655,196	639,982	109,814	-	283,659	5,137,370
2021								
January - March	-	151,773	765,421	114,247	16,447	-	27,217	1,075,105
April - June	-	333,011	904,314	108,013	26,336	-	158,690	1,530,364
July - September	-	287,273	573,514	116,569	26,033	-	130,534	1,133,923
October - December	-	263,514	1,123,637	155,339	47,927	-	59,878	1,650,295
U.S. Total	-	1,035,571	3,366,886	494,168	116,743	-	376,319	5,389,687

**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	65.31	77.37	-	45.43	74.92
July - September	-	119.44	57.36	90.77	104.07	-	120.41	72.17
October - December	-	114.65	59.98	85.08	78.36	-	117.32	71.10
U.S. Total	-	129.46	60.54	74.23	84.43	-	115.10	71.79
2021								
January - March	-	113.91	60.06	64.77	187.53	-	116.19	71.54
April - June	-	120.97	60.79	64.77	141.15	-	122.84	81.99
July - September	-	141.72	70.43	64.77	134.56	-	126.54	95.84
October - December	-	246.21	81.33	67.93	107.28	-	167.44	110.28
U.S. Total	-	157.56	69.12	65.76	132.31	-	130.74	91.48

- = No data reported.

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

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

Table 7. U.S. coal exports

(short tons)

Continent and country of destination	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	1,957,608	2,317,244	2,716,117	7,649,683	7,981,951	-4.2
Canada*	1,530,966	1,541,807	1,909,303	4,586,739	4,586,999	s
Dominican Republic	60,889	321,919	552,728	1,519,208	2,228,191	-31.8
Guatemala	114,978	155,433	80,265	613,815	109,777	459.1
Honduras	58,457	59,483	88,593	190,692	187,273	1.8
Jamaica	36,376	33,366	-	106,224	90,048	18.0
Mexico	155,617	148,220	52,011	486,423	590,271	-17.6
Trinidad and Tobago	22	67	22	58,008	155,875	-62.8
Other**	303	56,949	33,195	88,574	33,517	164.3
South America Total	1,863,384	1,548,854	2,478,596	7,402,928	8,630,851	-14.2
Argentina	39,463	18	129,901	131,534	395,111	-66.7
Brazil	1,320,639	1,400,569	2,173,116	6,200,537	7,889,210	-21.4
Chile	466,611	116,608	106,111	805,217	275,818	191.9
Other**	36,671	31,659	69,468	265,640	70,712	275.7
Europe Total	6,212,641	4,573,660	5,385,628	22,077,595	22,154,346	-0.3
Austria	371,556	258,792	339,873	1,296,827	1,576,769	-17.8
Belgium	148,878	22,046	144,629	286,401	547,394	-47.7
Croatia	272,470	263,242	319,107	1,162,150	1,318,848	-11.9
Finland	196,456	127,768	122,763	661,272	575,591	14.9
France	201,693	129,352	186,574	760,936	972,750	-21.8
Germany, Federal Republic of	514,596	427,214	257,223	2,010,250	683,326	194.2
Italy	217,279	251,677	225,527	1,001,459	1,221,371	-18.0
Netherlands	2,050,689	1,416,344	1,703,404	7,141,374	5,795,570	23.2
Norway	-	12,815	12,157	41,416	53,883	-23.1
Poland	338,601	184,943	239,543	1,161,547	1,005,864	15.5
Romania	44,150	-	12,165	159,733	92,645	72.4
Slovakia	-	-	-	55,336	62,443	-11.4
Spain	228,802	172,379	100,617	685,800	395,099	73.6
Sweden	81,651	170,913	81,020	474,670	382,011	24.3
Turkey	251,872	188,669	496,992	906,409	2,722,225	-66.7
Ukraine	904,045	445,533	813,394	2,622,355	3,612,681	-27.4
United Kingdom	389,868	468,122	330,598	1,528,112	1,135,392	34.6
Other**	35	33,851	42	121,548	484	NM
Asia Total	10,541,538	10,235,208	7,741,681	42,622,462	27,680,366	54.0
China	3,268,760	4,109,336	1,123,406	12,805,391	1,787,640	NM
India	3,121,468	2,495,796	3,939,270	15,356,987	12,840,369	19.6
Japan	2,634,224	1,309,201	1,830,680	7,572,979	6,072,379	24.7
Jordan	22	-	65,568	63,970	65,568	-2.4
Singapore	-	57	-	60,684	351,069	-82.7
South Korea (Republic of Korea)	1,394,356	2,205,248	780,816	6,377,992	6,528,380	-2.3
Other**	122,708	115,570	1,941	384,459	34,961	NM
Australia and Oceania Total	353	303	2,560	1,470	5,187	-71.7
Other**	353	303	2,560	1,470	5,187	-71.7
Africa Total	1,075,212	2,042,932	723,534	5,454,151	2,613,869	108.7
Egypt	247,704	1,056,556	258,246	2,618,047	1,212,389	115.9
Kenya	-	110,118	-	162,384	55,257	193.9
Morocco	742,831	742,184	208,064	2,155,314	837,405	157.4
Senegal	-	-	-	46,544	89,572	-48.0
South Africa	84,607	61,750	257,198	265,406	418,454	-36.6
Other**	70	72,324	26	206,456	792	NM
Total	21,650,736	20,718,201	19,048,116	85,208,289	69,066,570	23.4

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

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

- = No data reported.

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

s = Absolute percentage less than 0.05.

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

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

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

(dollars per short ton)

Continent and country of destination	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	92.05	90.62	88.13	88.16	95.00	-7.2
Canada*	92.30	96.26	98.95	94.22	103.02	-8.5
Dominican Republic	106.97	60.32	58.84	63.26	88.63	-28.6
Guatemala	125.13	79.17	58.26	106.63	56.12	90.0
Honduras	72.58	63.50	86.84	66.28	82.13	-19.3
Jamaica	90.72	86.18	-	75.44	52.21	44.5
Mexico	66.98	115.52	81.04	94.74	74.47	27.2
Trinidad and Tobago	498.82	391.30	385.64	96.04	106.59	-9.9
Other**	56.89	106.28	40.26	94.50	42.21	123.9
South America Total	181.57	127.42	83.17	126.48	93.47	35.3
Argentina	127.88	370.61	71.29	85.60	88.33	-3.1
Brazil	225.39	135.24	85.16	133.67	94.88	40.9
Chile	73.17	50.23	68.37	69.16	66.16	4.5
Other**	40.43	65.63	65.68	152.72	70.61	116.3
Europe Total	194.78	135.36	90.59	137.33	100.61	36.5
Austria	193.12	118.72	101.96	132.09	115.73	14.1
Belgium	199.28	151.05	118.20	168.12	114.97	46.2
Croatia	308.01	188.84	103.23	190.34	106.66	78.5
Finland	182.31	140.78	89.84	137.21	100.90	36.0
France	255.31	150.27	104.41	154.40	109.24	41.3
Germany, Federal Republic of	138.62	105.65	63.68	102.31	90.69	12.8
Italy	328.52	171.45	94.37	177.13	98.54	79.8
Netherlands	146.69	110.20	79.06	107.98	85.35	26.5
Norway	-	156.64	146.05	154.57	152.17	1.6
Poland	256.63	169.08	68.69	164.96	105.55	56.3
Romania	276.52	-	101.82	161.95	103.16	57.0
Slovakia	-	-	-	115.00	128.16	-10.3
Spain	179.91	120.86	111.31	147.39	121.86	21.0
Sweden	167.72	162.61	85.12	141.04	103.45	36.3
Turkey	222.65	154.00	98.10	162.10	102.63	57.9
Ukraine	245.73	187.84	105.26	182.86	107.26	70.5
United Kingdom	158.24	121.39	85.92	125.92	101.20	24.4
Other**	644.11	61.37	760.24	96.48	273.48	-64.7
Asia Total	157.41	117.93	75.99	110.23	75.40	46.2
China	269.05	184.60	108.77	188.37	107.50	75.2
India	140.57	92.59	70.66	84.54	76.25	10.9
Japan	101.62	80.72	75.98	86.48	84.33	2.5
Jordan	247.27	-	63.57	90.75	63.57	42.8
Singapore	-	938.42	-	55.26	57.55	-4.0
South Korea (Republic of Korea)	46.75	46.50	56.24	44.45	57.50	-22.7
Other**	66.91	79.18	296.19	104.75	112.80	-7.1
Australia and Oceania Total	300.41	325.09	65.10	210.85	72.79	189.7
Other**	300.41	325.09	65.10	210.85	72.79	189.7
Africa Total	82.42	62.23	90.97	69.33	77.32	-10.3
Egypt	76.65	53.62	66.59	63.17	63.70	-0.8
Kenya	-	60.38	-	59.05	63.50	-7.0
Morocco	72.44	71.87	72.15	70.43	76.94	-8.5
Senegal	-	-	-	51.03	76.90	-33.6
South Africa	186.82	91.91	130.63	134.17	119.15	12.6
Other**	241.01	66.68	370.23	64.69	245.77	-73.7
Total	160.58	113.95	83.35	114.07	88.08	29.5

* 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.

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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	854,112	962,002	1,143,259	3,898,257	3,904,120	-0.2
Canada*	472,867	256,169	397,711	1,111,423	848,522	31.0
Dominican Republic	60,848	321,919	552,728	1,519,167	2,228,191	-31.8
Guatemala	100,258	155,433	80,265	599,095	109,777	445.7
Honduras	58,457	59,483	27,966	190,692	126,646	50.6
Jamaica	36,376	33,366	-	106,224	90,048	18.0
Mexico	124,981	78,824	51,372	283,159	432,578	-34.5
Trinidad and Tobago	22	67	22	131	34,841	-99.6
Other**	303	56,741	33,195	88,366	33,517	163.6
South America Total	696,895	295,365	718,629	1,701,504	1,569,501	8.4
Argentina	22	18	86,746	202	148,364	-99.9
Brazil	193,591	147,080	456,304	686,406	1,074,607	-36.1
Chile	466,611	116,608	106,111	749,256	275,818	171.6
Other**	36,671	31,659	69,468	265,640	70,712	275.7
Europe Total	1,926,009	1,447,180	1,411,681	6,125,687	3,875,806	58.0
Austria	-	-	-	-	3	-
Belgium	-	22,046	94,140	22,093	223,799	-90.1
Croatia	-	-	-	-	12,206	-
Finland	-	-	-	122	55,116	-99.8
France	-	-	11,113	86,272	120,801	-28.6
Germany, Federal Republic of	174,430	264,040	257,223	901,313	646,773	39.4
Italy	10,726	1,034	170	50,457	85,097	-40.7
Netherlands	1,150,802	820,955	831,419	3,766,198	2,360,647	59.5
Norway	-	-	-	-	2	-
Poland	-	-	169,742	177,778	170,009	4.6
Romania	-	-	10	42,439	10,756	294.6
Slovakia	-	-	-	-	28	-
Spain	70,945	60,334	1,329	142,224	27,835	411.0
Turkey	86,587	-	-	86,919	488	NM
Ukraine	245,514	-	2	245,569	42,157	482.5
United Kingdom	186,970	244,920	46,491	570,265	119,605	376.8
Other**	35	33,851	42	34,038	484	NM
Asia Total	5,275,960	4,641,763	4,046,411	22,957,044	15,514,337	48.0
China	205,015	277,335	222	1,036,750	866	NM
India	2,104,133	1,724,096	2,732,566	11,791,202	8,392,544	40.5
Japan	1,571,862	705,764	846,176	4,231,551	2,444,365	73.1
Jordan	22	-	65,568	63,970	65,568	-2.4
Singapore	-	57	-	60,684	351,069	-82.7
South Korea (Republic of Korea)	1,272,220	1,818,941	399,938	5,468,489	4,225,092	29.4
Other**	122,708	115,570	1,941	304,398	34,833	NM
Australia and Oceania Total	323	303	2,560	1,440	5,187	-72.2
Other**	323	303	2,560	1,440	5,187	-72.2
Africa Total	990,634	1,981,203	502,745	5,188,795	2,187,774	137.2
Egypt	247,704	1,056,556	258,246	2,618,047	1,135,227	130.6
Kenya	-	110,118	-	162,384	55,257	193.9
Morocco	742,831	742,184	208,064	2,155,314	837,405	157.4
Senegal	-	-	-	46,544	89,572	-48.0
South Africa	29	21	36,409	50	69,521	-99.9
Other**	70	72,324	26	206,456	792	NM
Total	9,743,933	9,327,816	7,825,285	39,872,727	27,056,725	47.4

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	83.59	73.22	66.03	76.26	82.38	-7.4
Canada*	78.02	73.78	77.06	77.94	83.15	-6.3
Dominican Republic	106.95	60.32	58.84	63.25	88.63	-28.6
Guatemala	128.05	79.17	58.26	106.67	56.12	90.1
Honduras	72.58	63.50	78.42	66.28	78.02	-15.0
Jamaica	90.72	86.18	-	75.44	52.21	44.5
Mexico	60.67	90.18	80.00	76.31	62.98	21.2
Trinidad and Tobago	498.82	391.30	385.64	441.93	119.59	269.5
Other**	56.89	106.19	40.26	94.42	42.21	123.7
South America Total	76.89	78.15	64.28	91.16	66.76	36.5
Argentina	297.82	370.61	74.04	325.10	77.61	318.9
Brazil	92.73	102.94	61.27	91.13	65.16	39.9
Chile	73.17	50.23	68.37	69.31	66.16	4.8
Other**	40.43	65.63	65.68	152.72	70.61	116.3
Europe Total	72.82	82.48	64.08	71.42	68.66	4.0
Austria	-	-	-	-	1,597.67	-
Belgium	-	151.05	79.55	152.06	72.93	108.5
Croatia	-	-	-	-	63.51	-
Finland	-	-	-	170.22	63.50	168.1
France	-	-	90.72	63.50	65.72	-3.4
Germany, Federal Republic of	67.64	89.35	63.68	69.04	90.68	-23.9
Italy	142.55	131.22	485.76	104.32	65.97	58.1
Netherlands	74.92	75.65	62.06	69.10	63.25	9.2
Norway	-	-	-	-	1,327.50	-
Poland	-	-	51.83	80.28	52.33	53.4
Romania	-	-	915.30	63.50	91.49	-30.6
Slovakia	-	-	-	-	2,460.71	-
Spain	59.12	76.43	397.53	70.39	112.68	-37.5
Turkey	90.72	-	-	92.44	518.98	-82.2
Ukraine	47.45	-	3,549.00	47.51	28.63	65.9
United Kingdom	90.83	95.95	97.42	91.18	77.91	17.0
Other**	644.11	61.37	760.24	64.64	273.48	-76.4
Asia Total	61.29	57.85	55.74	57.12	54.52	4.8
China	134.05	128.99	430.13	109.49	434.75	-74.8
India	74.26	70.28	61.61	63.65	64.32	-1.0
Japan	54.03	54.03	46.83	53.94	55.51	-2.8
Jordan	247.27	-	63.57	90.75	63.57	42.8
Singapore	-	938.42	-	55.26	57.55	-4.0
South Korea (Republic of Korea)	36.52	35.33	31.85	34.29	33.52	2.3
Other**	66.91	79.18	296.19	73.85	112.60	-34.4
Australia and Oceania Total	316.60	325.09	65.10	212.62	72.79	192.1
Other**	316.60	325.09	65.10	212.62	72.79	192.1
Africa Total	73.58	61.35	72.79	66.04	69.71	-5.3
Egypt	76.65	53.62	66.59	63.17	60.94	3.7
Kenya	-	60.38	-	59.05	63.50	-7.0
Morocco	72.44	71.87	72.15	70.43	76.94	-8.5
Senegal	-	-	-	51.03	76.90	-33.6
South Africa	2,714.10	3,588.24	120.14	3,081.24	119.68	NM
Other**	241.01	66.68	370.23	64.69	245.77	-73.7
Total	67.89	64.65	60.63	63.81	62.51	2.1

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

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

- = No data reported.

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

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

Table 11. U.S. metallurgical coal exports

(short tons)

Continent and country of destination	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	1,103,496	1,355,242	1,572,858	3,751,426	4,077,831	-8.0
Canada*	1,058,099	1,285,638	1,511,592	3,475,316	3,738,477	-7.0
Dominican Republic	41	-	-	41	-	-
Guatemala	14,720	-	-	14,720	-	-
Honduras	-	-	60,627	-	60,627	-
Mexico	30,636	69,396	639	203,264	157,693	28.9
Trinidad and Tobago	-	-	-	57,877	121,034	-52.2
Other**	-	208	-	208	-	-
South America Total	1,166,489	1,253,489	1,759,967	5,701,424	7,061,350	-19.3
Argentina	39,441	-	43,155	131,332	246,747	-46.8
Brazil	1,127,048	1,253,489	1,716,812	5,514,131	6,814,603	-19.1
Chile	-	-	-	55,961	-	-
Europe Total	4,286,632	3,126,480	3,973,947	15,951,908	18,278,540	-12.7
Austria	371,556	258,792	339,873	1,296,827	1,576,766	-17.8
Belgium	148,878	-	50,489	264,308	323,595	-18.3
Croatia	272,470	263,242	319,107	1,162,150	1,306,642	-11.1
Finland	196,456	127,768	122,763	661,150	520,475	27.0
France	201,693	129,352	175,461	674,664	851,949	-20.8
Germany, Federal Republic of	340,166	163,174	-	1,108,937	36,553	NM
Italy	206,553	250,643	225,357	951,002	1,136,274	-16.3
Netherlands	899,887	595,389	871,985	3,375,176	3,434,923	-1.7
Norway	-	12,815	12,157	41,416	53,881	-23.1
Poland	338,601	184,943	69,801	983,769	835,855	17.7
Romania	44,150	-	12,155	117,294	81,889	43.2
Slovakia	-	-	-	55,336	62,415	-11.3
Spain	157,857	112,045	99,288	543,576	367,264	48.0
Sweden	81,651	170,913	81,020	474,670	382,011	24.3
Turkey	165,285	188,669	496,992	819,490	2,721,737	-69.9
Ukraine	658,531	445,533	813,392	2,376,786	3,570,524	-33.4
United Kingdom	202,898	223,202	284,107	957,847	1,015,787	-5.7
Other**	-	-	-	87,510	-	-
Asia Total	5,265,578	5,593,445	3,695,270	19,665,418	12,166,029	61.6
China	3,063,745	3,832,001	1,123,184	11,768,641	1,786,774	NM
India	1,017,335	771,700	1,206,704	3,565,785	4,447,825	-19.8
Japan	1,062,362	603,437	984,504	3,341,428	3,628,014	-7.9
South Korea (Republic of Korea)	122,136	386,307	380,878	909,503	2,303,288	-60.5
Other**	-	-	-	80,061	128	NM
Australia and Oceania Total	30	-	-	30	-	-
Other**	30	-	-	30	-	-
Africa Total	84,578	61,729	220,789	265,356	426,095	-37.7
Egypt	-	-	-	-	77,162	-
South Africa	84,578	61,729	220,789	265,356	348,933	-24.0
Total	11,906,803	11,390,385	11,222,831	45,335,562	42,009,845	7.9

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	98.61	102.98	104.20	100.52	107.08	-6.1
Canada*	98.69	100.74	104.71	99.42	107.53	-7.5
Dominican Republic	128.32	-	-	128.32	-	-
Guatemala	105.24	-	-	105.24	-	-
Honduras	-	-	90.72	-	90.72	-
Mexico	92.76	144.31	164.41	120.42	106.00	13.6
Trinidad and Tobago	-	-	-	95.25	102.85	-7.4
Other**	-	128.70	-	128.70	-	-
South America Total	244.11	139.03	90.88	137.02	99.40	37.8
Argentina	127.79	-	65.77	85.24	94.78	-10.1
Brazil	248.18	139.03	91.51	138.96	99.57	39.6
Chile	-	-	-	67.13	-	-
Europe Total	249.58	159.85	100.01	162.64	107.38	51.5
Austria	193.12	118.72	101.96	132.09	115.72	14.1
Belgium	199.28	-	190.27	169.47	144.05	17.6
Croatia	308.01	188.84	103.23	190.34	107.06	77.8
Finland	182.31	140.78	89.84	137.21	104.86	30.9
France	255.31	150.27	105.28	166.02	115.41	43.9
Germany, Federal Republic of	175.01	132.03	-	129.35	90.72	42.6
Italy	338.18	171.61	94.07	181.00	100.98	79.2
Netherlands	238.48	157.84	95.26	151.36	100.54	50.5
Norway	-	156.64	146.05	154.57	152.12	1.6
Poland	256.63	169.08	109.68	180.26	116.37	54.9
Romania	276.52	-	101.15	197.58	104.69	88.7
Slovakia	-	-	-	115.00	127.11	-9.5
Spain	234.20	144.79	107.48	167.53	122.56	36.7
Sweden	167.72	162.61	85.12	141.04	103.45	36.3
Turkey	291.77	154.00	98.10	169.49	102.56	65.3
Ukraine	319.65	187.84	105.25	196.84	108.19	81.9
United Kingdom	220.36	149.31	84.04	146.61	103.95	41.0
Other**	-	-	-	108.86	-	-
Asia Total	253.72	167.79	98.16	172.23	102.03	68.8
China	278.09	188.63	108.70	195.32	107.34	82.0
India	277.70	142.42	91.16	153.64	98.77	55.6
Japan	172.05	111.93	101.04	127.68	103.75	23.1
South Korea (Republic of Korea)	153.23	99.09	81.84	105.56	101.48	4.0
Other**	-	-	-	222.26	168.79	31.7
Australia and Oceania Total	126.00	-	-	126.00	-	-
Other**	126.00	-	-	126.00	-	-
Africa Total	185.96	90.72	132.36	133.62	116.38	14.8
Egypt	-	-	-	-	104.33	-
South Africa	185.96	90.72	132.36	133.62	119.05	12.2
Total	236.43	154.32	99.19	158.27	104.55	51.4

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Eastern Total	13,040,414	13,198,083	12,369,531	52,804,111	45,981,165	14.8
Baltimore, MD	4,450,657	4,644,024	4,824,505	20,016,314	16,373,290	22.2
Boston, MA	-	-	-	53,537	-	-
Buffalo, NY	646,340	823,312	1,000,171	2,223,430	2,436,940	-8.8
New York City, NY	3,401	2,659	936	9,095	3,546	156.5
Norfolk, VA	7,888,824	7,556,318	6,407,928	30,167,791	26,804,806	12.5
Ogdensburg, NY	42,160	20,664	54,169	164,525	145,526	13.1
Philadelphia, PA	8,844	150,830	81,606	168,880	216,534	-22.0
Portland, ME	28	-	86	82	86	-4.7
St. Albans, VT	160	276	130	457	437	4.6
Southern Total	5,187,832	4,442,383	4,699,859	21,001,599	15,106,039	39.0
Charleston, SC	17	40	866	95	1,056	-91.0
Dallas/Fort Worth, TX	6	-	-	6	-	-
El Paso, TX	58,472	46,808	49,694	179,888	168,217	6.9
Houston-Galveston, TX	314,912	215,940	90,375	718,663	113,688	NM
Laredo, TX	43,582	2,050	2,295	51,543	267,542	-80.7
Miami, FL	215	17	471	331	883	-62.5
Mobile, AL	2,237,210	1,765,412	3,091,929	9,127,174	10,233,929	-10.8
New Orleans, LA	2,533,397	2,411,985	1,461,948	10,923,026	4,315,782	153.1
Savannah, GA	21	120	2,257	862	4,852	-82.2
Tampa, FL	-	-	24	-	90	-
Wilmington, NC	-	11	-	11	-	-
Western Total	2,907,474	2,582,441	1,367,742	9,985,946	6,518,975	53.2
Anchorage, AK	-	-	-	-	35,282	-
Great Falls, MT	350	1,473	104	3,771	568	NM
Los Angeles, CA	366,014	225,069	148,237	1,055,390	438,654	140.6
Nogales, AZ	23,196	34,192	22	57,437	116	NM
San Diego, CA	53	18	-	125	182	-31.3
San Francisco, CA	586,012	481,841	567,973	2,364,416	1,328,248	78.0
Seattle, WA	1,931,849	1,839,848	651,406	6,504,807	4,715,925	37.9
Northern Total	511,568	493,415	608,206	1,406,785	1,446,461	-2.7
Chicago, IL	-	-	12	54	12	350.0
Cleveland, OH	437,452	483,994	524,251	1,279,946	1,312,615	-2.5
Detroit, MI	6,819	7,167	22,204	44,506	60,129	-26.0
Duluth, MN	-	18	24	18	257	-93.0
Minneapolis, MN	65,002	-	61,043	65,002	61,043	6.5
Pembina, ND	2,295	2,236	672	17,259	12,405	39.1
Other Ports	3,448	1,879	2,778	9,848	13,930	-29.3
Total	21,650,736	20,718,201	19,048,116	85,208,289	69,066,570	23.4

- = No data reported.

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

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

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

Table 14. Steam coal exports by customs district

(short tons)

Customs district	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Eastern Total	3,365,805	3,791,429	4,297,760	16,739,348	14,102,500	18.7
Baltimore, MD	2,686,765	2,953,456	3,527,305	13,274,453	10,382,354	27.9
Boston, MA	-	-	-	53,537	-	-
Buffalo, NY	1,916	1,114	31,670	5,799	35,639	-83.7
New York City, NY	3,401	2,659	936	9,095	3,489	160.7
Norfolk, VA	624,199	784,588	604,143	3,190,056	3,403,459	-6.3
Ogdensburg, NY	40,618	18,414	51,968	157,044	137,958	13.8
Philadelphia, PA	8,844	31,174	81,606	49,224	139,372	-64.7
Portland, ME	28	-	86	82	86	-4.7
St. Albans, VT	34	24	46	58	143	-59.4
Southern Total	3,367,724	2,927,943	2,089,713	12,989,037	6,304,281	106.0
Charleston, SC	-	40	866	61	866	-93.0
Dallas/Fort Worth, TX	6	-	-	6	-	-
El Paso, TX	58,472	46,808	49,694	179,888	168,197	7.0
Houston-Galveston, TX	300,192	215,940	89,380	647,982	112,693	475.0
Laredo, TX	43,260	1,635	1,656	49,538	264,083	-81.2
Miami, FL	174	17	471	290	883	-67.2
Mobile, AL	432,202	335,506	495,574	1,379,091	1,557,194	-11.4
New Orleans, LA	2,533,397	2,327,866	1,449,791	10,731,308	4,195,551	155.8
Savannah, GA	21	120	2,257	862	4,724	-81.8
Tampa, FL	-	-	24	-	90	-
Wilmington, NC	-	11	-	11	-	-
Western Total	2,907,395	2,574,088	1,367,634	9,977,514	6,518,867	53.1
Anchorage, AK	-	-	-	-	35,282	-
Great Falls, MT	350	1,473	104	3,771	568	NM
Los Angeles, CA	365,935	225,069	148,129	1,055,311	438,546	140.6
Nogales, AZ	23,196	25,839	22	49,084	116	NM
San Diego, CA	53	18	-	125	182	-31.3
San Francisco, CA	586,012	481,841	567,973	2,364,416	1,328,248	78.0
Seattle, WA	1,931,849	1,839,848	651,406	6,504,807	4,715,925	37.9
Northern Total	99,561	32,477	67,400	156,980	117,147	34.0
Chicago, IL	-	-	12	54	12	350.0
Cleveland, OH	25,445	23,056	-	48,501	-	-
Detroit, MI	6,819	7,167	5,649	26,146	43,451	-39.8
Duluth, MN	-	18	24	18	236	-92.4
Minneapolis, MN	65,002	-	61,043	65,002	61,043	6.5
Pembina, ND	2,295	2,236	672	17,259	12,405	39.1
Other Ports	3,448	1,879	2,778	9,848	13,930	-29.3
Total	9,743,933	9,327,816	7,825,285	39,872,727	27,056,725	47.4

- = No data reported.

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

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

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

Table 15. Metallurgical coal exports by customs district

(short tons)

Customs district	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Eastern Total	9,674,609	9,406,654	8,071,771	36,064,763	31,878,665	13.1
Baltimore, MD	1,763,892	1,690,568	1,297,200	6,741,861	5,990,936	12.5
Buffalo, NY	644,424	822,198	968,501	2,217,631	2,401,301	-7.6
New York City, NY	-	-	-	-	57	-
Norfolk, VA	7,264,625	6,771,730	5,803,785	26,977,735	23,401,347	15.3
Ogdensburg, NY	1,542	2,250	2,201	7,481	7,568	-1.1
Philadelphia, PA	-	119,656	-	119,656	77,162	55.1
St. Albans, VT	126	252	84	399	294	35.7
Southern Total	1,820,108	1,514,440	2,610,146	8,012,562	8,801,758	-9.0
Charleston, SC	17	-	-	34	190	-82.1
El Paso, TX	-	-	-	-	20	-
Houston-Galveston, TX	14,720	-	995	70,681	995	NM
Laredo, TX	322	415	639	2,005	3,459	-42.0
Miami, FL	41	-	-	41	-	-
Mobile, AL	1,805,008	1,429,906	2,596,355	7,748,083	8,676,735	-10.7
New Orleans, LA	-	84,119	12,157	191,718	120,231	59.5
Savannah, GA	-	-	-	-	128	-
Western Total	79	8,353	108	8,432	108	NM
Los Angeles, CA	79	-	108	79	108	-26.9
Nogales, AZ	-	8,353	-	8,353	-	-
Northern Total	412,007	460,938	540,806	1,249,805	1,329,314	-6.0
Cleveland, OH	412,007	460,938	524,251	1,231,445	1,312,615	-6.2
Detroit, MI	-	-	16,555	18,360	16,678	10.1
Duluth, MN	-	-	-	-	21	-
Total	11,906,803	11,390,385	11,222,831	45,335,562	42,009,845	7.9

- = No data reported.

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

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

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

Table 16. U.S. coke exports

(short tons)

Continent and country of destination	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	468,928	403,327	267,515	1,480,338	651,206	127.3
Canada*	374,705	322,474	257,025	1,158,146	605,019	91.4
Other**	94,223	80,853	10,490	322,192	46,187	NM
South America Total	70,496	63,915	20	248,247	62	NM
Other**	70,496	63,915	20	248,247	62	NM
Europe Total	127,258	85,558	89	260,798	30,581	NM
Other**	127,258	85,558	89	260,798	30,581	NM
Asia Total	270	436	62	1,070	1,047	2.2
Other**	270	436	62	1,070	1,047	2.2
Australia and Oceania Total	420	103	277	733	526	39.4
Other**	420	103	277	733	526	39.4
Africa Total	-	21,247	-	90,172	-	-
Other**	-	21,247	-	90,172	-	-
Total	667,372	574,586	267,963	2,081,358	683,422	204.5

* 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	283.67	273.16	222.67	280.25	268.65	4.3
Canada*	256.55	251.22	215.52	253.69	259.11	-2.1
Other**	391.53	360.66	397.99	375.69	393.64	-4.6
South America Total	71.61	54.14	608.90	127.35	589.26	-78.4
Other**	71.61	54.14	608.90	127.35	589.26	-78.4
Europe Total	140.21	201.51	438.96	184.89	93.66	97.4
Other**	140.21	201.51	438.96	184.89	93.66	97.4
Asia Total	550.57	668.35	889.55	742.65	795.31	-6.6
Other**	550.57	668.35	889.55	742.65	795.31	-6.6
Australia and Oceania Total	494.15	376.19	523.77	485.13	501.11	-3.2
Other**	494.15	376.19	523.77	485.13	501.11	-3.2
Africa Total	-	90.72	-	280.46	-	-
Other**	-	90.72	-	280.46	-	-
Total	234.15	231.70	223.24	250.38	261.83	-4.4

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

** Includes countries with coal exports less than or equal to 50,000 short tons in 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	263,547	287,273	125,870	1,035,604	448,771	130.8
Canada	263,514	287,273	125,841	1,035,571	448,719	130.8
Mexico	33	-	29	33	52	-36.5
South America Total	1,123,637	573,521	971,408	3,366,893	3,655,389	-7.9
Brazil	-	-	-	-	7	-
Colombia	1,123,637	573,514	971,346	3,366,886	3,655,196	-7.9
Peru	-	7	62	7	186	-96.2
Europe Total	59,845	130,527	69,628	339,903	282,775	20.2
Belgium	-	-	-	-	446	-
Germany, Federal Republic of	424	501	164	1,326	1,039	27.6
Greece	-	-	7	-	7	-
Russia	59,394	130,026	68,629	338,550	278,554	21.5
Spain	-	-	-	-	1,795	-
Sweden	-	-	-	-	10	-
Turkey	-	-	11	-	11	-
United Kingdom	27	-	817	27	913	-97.0
Asia Total	203,266	142,602	159,366	610,911	750,435	-18.6
China	47,927	26,033	19,010	116,743	109,814	6.3
Indonesia	155,339	116,569	140,356	494,168	639,982	-22.8
Philippines	-	-	-	-	639	-
Africa Total	-	-	-	36,376	-	-
South Africa	-	-	-	36,376	-	-
Total	1,650,295	1,133,923	1,326,272	5,389,687	5,137,370	4.9

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	246.24	141.72	114.75	157.57	129.50	21.7
Canada	246.21	141.72	114.65	157.56	129.46	21.7
Mexico	465.85	-	561.17	465.85	512.96	-9.2
South America Total	81.33	70.43	59.99	69.12	60.55	14.2
Brazil	-	-	-	-	385.71	-
Colombia	81.33	70.43	59.98	69.12	60.54	14.2
Peru	-	289.14	226.10	289.14	260.40	11.0
Europe Total	167.27	126.53	117.04	132.52	115.04	15.2
Belgium	-	-	-	-	321.09	-
Germany, Federal Republic of	110.49	74.86	75.12	86.23	74.94	15.1
Greece	-	-	287.86	-	287.86	-
Russia	167.57	126.73	117.56	132.68	115.23	15.1
Spain	-	-	-	-	58.94	-
Sweden	-	-	-	-	375.00	-
Turkey	-	-	526.91	-	526.91	-
United Kingdom	413.15	-	74.92	413.15	105.39	292.0
Asia Total	77.20	77.51	84.28	78.48	75.71	3.7
China	107.28	134.56	78.36	132.31	84.43	56.7
Indonesia	67.93	64.77	85.08	65.76	74.23	-11.4
Philippines	-	-	-	-	62.11	-
Africa Total	-	-	-	113.78	-	-
South Africa	-	-	-	113.78	-	-
U.S. Total*	110.28	95.84	71.10	91.48	71.79	27.4

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

- = No data reported.

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

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

Table 20. Coal imports by customs district

(short tons)

Customs district	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Eastern Total	42,467	42,453	41,414	85,302	83,220	2.5
Baltimore, MD	-	-	-	-	214	-
Buffalo, NY	15	14	11	390	129	202.3
New York City, NY	-	-	44	-	176	-
Norfolk, VA	-	-	-	-	10	-
Ogdensburg, NY	13	-	22	13	22	-40.9
Portland, ME	42,439	42,439	41,337	84,878	82,669	2.7
St. Albans, VT	-	-	-	21	-	-
Southern Total	1,188,669	687,198	1,017,706	3,773,860	3,949,036	-4.4
Charleston, SC	-	40,383	38,315	40,383	38,315	5.4
Houston-Galveston, TX	15,037	1,709	7,790	61,199	40,450	51.3
Laredo, TX	33	7	29	40	52	-23.1
Miami, FL	117	-	22	1,798	110	NM
Mobile, AL	596,059	173,376	539,680	1,774,824	1,859,410	-4.5
New Orleans, LA	68,507	54,638	41,541	215,650	99,801	116.1
San Juan, PR	434,244	341,328	315,320	1,382,886	1,520,918	-9.1
Tampa, FL	74,672	75,757	75,009	297,080	389,980	-23.8
Western Total	282,735	257,209	215,553	1,075,202	778,433	38.1
Columbia-Snake, OR	-	-	-	-	639	-
Great Falls, MT	125,385	133,013	64,316	485,748	112,943	330.1
Honolulu, HI	155,339	116,569	140,356	559,237	639,982	-12.6
Los Angeles, CA	-	-	-	-	302	-
San Francisco, CA	-	-	-	31	93	-66.7
Seattle, WA	2,011	7,627	10,881	30,186	24,474	23.3
Northern Total	136,424	147,063	51,599	455,323	326,681	39.4
Chicago, IL	-	-	7	63,655	34	NM
Cleveland, OH	328	351	164	1,080	13,183	-91.8
Detroit, MI	118,510	125,636	31,664	307,327	130,181	136.1
Duluth, MN	502	737	942	3,694	5,026	-26.5
Pembina, ND	17,084	20,339	18,822	79,567	178,257	-55.4
Total	1,650,295	1,133,923	1,326,272	5,389,687	5,137,370	4.9

- = No data reported.

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

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

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

Table 21. U.S. coke imports

(short tons)

Continent and country of origin	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	27,869	9,753	45,065	56,838	83,316	-31.8
Canada	27,869	9,753	45,065	56,838	83,316	-31.8
Europe Total	15,138	6,808	23,252	39,337	63,384	-37.9
Czech Republic	15,138	6,774	17,092	38,592	52,326	-26.2
Germany, Federal Republic of	-	-	105	316	168	88.1
Italy	-	-	6,055	375	10,766	-96.5
Netherlands	-	28	-	28	-	-
Spain	-	-	-	-	61	-
United Kingdom	-	6	-	26	63	-58.7
Asia Total	1,122	492	72	2,977	1,346	121.2
China	725	113	72	1,233	163	NM
Hong Kong	29	48	-	102	-	-
India	44	-	-	132	20	NM
Japan	192	331	-	1,378	1,163	18.5
Saudi Arabia	132	-	-	132	-	-
Africa Total	6,004	2,894	4,101	17,958	13,644	31.6
Egypt	-	-	-	-	14	-
Mozambique	-	-	-	62	-	-
South Africa	6,004	2,894	4,101	17,896	13,630	31.3
U.S. Total	50,133	19,947	72,490	117,110	161,690	-27.6

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
North America Total	177.64	195.40	161.46	179.08	172.38	3.9
Canada	177.64	195.40	161.46	179.08	172.38	3.9
Europe Total	254.01	340.90	296.29	293.14	323.23	-9.3
Czech Republic	254.01	340.20	331.13	290.70	332.67	-12.6
Germany, Federal Republic of	-	-	541.70	559.28	548.41	2.0
Italy	-	-	193.68	270.32	272.54	-0.8
Netherlands	-	379.46	-	379.46	-	-
Spain	-	-	-	-	246.84	-
United Kingdom	-	958.33	-	913.46	616.83	48.1
Asia Total	1,120.42	492.80	1,035.28	715.34	441.35	62.1
China	1,452.24	672.20	1,035.28	1,138.81	1,303.86	-12.7
Hong Kong	1,117.10	1,271.50	-	1,170.47	-	-
India	1,083.41	-	-	791.74	621.00	27.5
Japan	297.34	318.63	-	315.27	317.37	-0.7
Saudi Arabia	508.23	-	-	508.23	-	-
Africa Total	492.39	509.65	293.70	419.96	407.17	3.1
Egypt	-	-	-	-	1,574.71	-
Mozambique	-	-	-	354.74	-	-
South Africa	492.39	509.65	293.70	420.19	405.97	3.5
U.S. Total	259.50	297.99	213.06	267.96	253.56	5.7

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1,375	1,330	775	5,370	3,582	49.9
East North Central	2,321	2,381	1,913	9,899	8,034	23.2
South Atlantic	411	467	355	1,760	1,498	17.5
East South Central	150	183	193	664	711	-6.6
U.S. Total	4,257	4,361	3,235	17,694	13,826	28.0

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

(dollars per short ton)

Census division	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	w	w	w	w	w	w
East North Central	147.85	137.52	132.09	134.54	136.37	-1.3
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
U.S. Total	132.60	122.40	123.48	122.37	127.16	-3.8

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons and dollars per short ton)

Commodity	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Coke						
Sales	1,720	1,770	1,360	6,956	5,383	29.2
Average Price	317.54	304.56	322.95	304.39	327.95	-7.2
Breeze						
Sales	118	121	87	433	347	24.7
Average Price	100.86	96.71	93.33	89.59	92.58	-3.2

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

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

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

(thousand short tons)

Census division and state	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
New England	-	-	-	-	13	-
Maine	-	-	-	-	13	-
Middle Atlantic	182	186	202	700	632	10.7
New York	43	49	50	203	143	41.8
Pennsylvania	139	138	151	496	488	1.6
East North Central	1,299	1,098	1,366	4,656	4,972	-6.3
Illinois	478	474	676	2,001	2,485	-19.4
Indiana	378	367	380	1,433	1,323	8.3
Michigan	139	53	73	310	219	41.3
Ohio	110	108	102	420	401	4.7
Wisconsin	195	97	135	492	544	-9.5
West North Central	2,842	2,732	2,907	10,935	10,701	2.2
Iowa	419	637	545	2,048	2,122	-3.5
Kansas	10	s	8	47	45	3.8
Minnesota	271	132	325	781	736	6.1
Missouri	241	255	191	950	803	18.4
Nebraska	277	228	190	983	860	14.3
North Dakota	1,566	1,434	1,615	5,928	5,946	-0.3
South Dakota	58	44	34	198	189	4.7
South Atlantic	533	486	568	2,110	1,949	8.3
Florida	75	45	50	234	179	31.0
Georgia	60	61	76	273	223	22.3
Maryland	120	108	103	414	389	6.3
North Carolina	95	88	93	375	356	5.2
South Carolina	21	27	40	122	133	-8.5
Virginia	87	83	121	386	349	10.5
West Virginia	75	74	84	307	320	-4.0
East South Central	634	670	634	2,551	2,366	7.8
Alabama	175	184	169	683	561	21.7
Kentucky	184	193	153	663	622	6.7
Mississippi	12	12	15	69	80	-14.3
Tennessee	264	281	296	1,136	1,103	3.0
West South Central	248	226	195	816	810	0.7
Arkansas	41	33	36	142	154	-8.0
Louisiana	75	81	72	292	212	37.9
Oklahoma	63	26	25	132	130	1.8
Texas	69	86	61	249	314	-20.7
Mountain	706	670	705	2,630	2,554	3.0
Arizona	62	74	56	281	269	4.7
Colorado	42	45	45	146	146	0.2
Idaho	12	25	15	81	63	29.1
Montana	82	60	97	221	207	6.9
Nevada	60	46	53	204	272	-25.1
New Mexico	9	19	18	55	63	-11.9
Utah	102	87	86	350	301	16.2
Wyoming	337	315	336	1,291	1,234	4.6
Pacific	353	330	360	1,371	1,314	4.3
Alaska	s	s	s	1	1	s
California	307	305	326	1,229	1,203	2.1
Oregon	21	7	10	61	31	98.9
Washington	25	18	24	80	79	0.8
U.S. Total	6,797	6,398	6,937	25,769	25,311	1.8

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
New England	-	-	-	-	138.16	-
Maine	-	-	-	-	138.16	-
Middle Atlantic	93.47	85.84	84.30	87.46	86.65	0.9
New York	w	w	w	w	w	w
Pennsylvania	w	w	w	w	w	w
East North Central	72.53	71.26	68.81	71.02	69.99	1.5
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Michigan	83.33	85.38	99.11	87.60	91.78	-4.6
Ohio	99.32	105.46	92.84	104.07	103.27	0.8
Wisconsin	81.81	85.48	85.18	85.24	80.66	5.7
West North Central	29.28	27.99	29.17	28.27	27.69	2.1
Iowa	34.39	33.50	35.31	33.69	34.98	-3.7
Kansas	w	w	w	w	w	w
Minnesota	50.78	50.35	49.91	49.46	49.14	0.7
Missouri	50.55	47.95	51.66	48.22	50.13	-3.8
Nebraska	w	w	24.95	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
South Atlantic	106.86	96.87	93.76	97.46	94.21	3.4
Florida	120.60	119.80	103.34	110.43	103.02	7.2
Georgia	132.73	100.65	90.87	95.02	91.60	3.7
Maryland	w	w	w	w	w	w
North Carolina	102.12	96.63	99.79	97.85	96.50	1.4
South Carolina	113.53	104.53	108.11	106.87	101.06	5.7
Virginia	88.49	90.24	87.76	89.29	91.37	-2.3
West Virginia	w	w	w	w	w	w
East South Central	103.58	93.70	95.70	97.77	99.20	-1.4
Alabama	w	w	w	w	w	w
Kentucky	121.78	94.90	102.41	104.82	105.38	-0.5
Mississippi	w	w	w	w	w	w
Tennessee	92.88	90.75	90.73	90.92	90.63	0.3
West South Central	72.94	77.26	73.57	75.43	81.72	-7.7
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	77.53	w	w	w	115.78	w
Texas	92.12	99.58	84.45	91.75	86.95	5.5
Mountain	59.76	62.12	58.36	61.09	60.50	1.0
Arizona	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Idaho	w	w	w	w	w	w
Montana	37.89	51.14	35.69	45.09	43.06	4.7
Nevada	80.20	78.80	77.90	78.73	75.60	4.1
New Mexico	w	w	w	w	w	w
Utah	52.35	48.42	55.19	50.63	53.73	-5.8
Wyoming	52.89	51.93	48.54	51.52	48.18	6.9
Pacific	81.37	83.66	82.23	83.31	82.09	1.5
California	81.85	83.33	82.09	83.44	81.96	1.8
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
U.S. Total	59.72	57.38	56.90	57.90	57.18	1.3

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

NAICS code	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
311 Food Manufacturing	1,650	1,563	1,998	6,380	6,854	-6.9
312 Beverage and Tobacco Product Mfg.	4	2	4	14	14	0.3
313 Textile Mills	10	8	8	39	40	-2.8
322 Paper Manufacturing	431	317	435	1,521	1,472	3.3
324 Petroleum and Coal Products	1,422	1,320	1,420	5,459	5,475	-0.3
325 Chemical Manufacturing	710	726	753	2,937	2,960	-0.8
327 Nonmetallic Mineral Products Mfg.	1,964	1,833	1,728	6,915	6,397	8.1
331 Primary Metal Manufacturing	286	335	317	1,294	1,219	6.1
333 Machinery Manufacturing	22	27	27	82	50	64.1
339 Miscellaneous Manufacturing	300	267	246	1,129	831	35.9
U.S. Total	6,797	6,398	6,937	25,769	25,311	1.8

* 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
311 Food Manufacturing	39.19	37.33	42.02	38.10	41.16	-7.4
312 Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313 Textile Mills	w	w	w	w	112.79	w
322 Paper Manufacturing	95.48	93.13	92.78	92.58	90.60	2.2
324 Petroleum and Coal Products	w	w	w	w	w	w
325 Chemical Manufacturing	84.69	81.86	81.86	83.78	85.02	-1.5
327 Nonmetallic Mineral Products Mfg.	76.97	71.66	73.15	73.14	72.25	1.2
331 Primary Metal Manufacturing	145.74	138.46	134.61	139.25	140.38	-0.8
333 Machinery Manufacturing	w	w	w	w	w	w
339 Miscellaneous Manufacturing	59.41	58.88	54.11	58.74	53.68	9.4
U.S. Total	59.72	57.38	56.90	57.90	57.18	1.3

* 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1	-	2	6	8	-20.2
Pennsylvania	1	-	2	6	8	-20.2
East North Central	35	27	24	136	131	3.6
Illinois	21	20	15	86	83	3.9
Indiana	14	6	8	50	35	40.3
Wisconsin	-	-	-	-	13	-
West North Central	32	24	28	104	118	-12.4
Iowa	19	20	21	73	81	-9.5
Minnesota	1	s	s	3	5	-47.8
Missouri	5	1	3	11	6	76.9
North Dakota	7	3	4	16	25	-37.1
South Atlantic	15	30	19	74	57	31.1
North Carolina	11	12	16	49	45	9.2
Virginia	4	18	4	25	12	116.2
East South Central	-	-	s	1	3	-79.2
Kentucky	-	-	s	1	3	-79.2
Mountain	2	1	1	7	5	33.5
Colorado	-	-	1	s	1	-63.9
Montana	-	1	-	1	2	-49.8
Wyoming	2	s	1	6	2	170.8
Pacific	129	92	126	454	465	-2.4
Alaska	129	92	126	454	465	-2.4
U.S. Total	214	174	201	781	786	-0.7

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	w	-	128.38	w	w	w
Pennsylvania	w	-	128.38	w	w	w
East North Central	53.80	49.42	54.23	53.85	65.44	-17.7
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Wisconsin	-	-	-	-	159.13	-
West North Central	79.72	85.19	78.13	81.65	82.38	-0.9
Iowa	w	w	w	w	w	w
Minnesota	w	w	w	w	w	w
Missouri	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Atlantic	136.28	w	w	w	w	w
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	131.99	w
East South Central	-	-	w	98.08	w	w
Kentucky	-	-	w	98.08	w	w
Mountain	w	w	w	w	w	w
Colorado	-	-	w	83.07	w	w
Montana	-	w	-	w	w	w
Wyoming	w	w	w	w	w	w
Pacific	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
U.S. Total	83.69	86.00	83.79	83.04	84.52	-1.8

- = 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	97,975	4,276	2,684	4,385	7,069	149	157	306	109,626
April - June	87,101	3,455	2,114	3,523	5,637	92	50	143	96,336
July - September	139,009	3,162	2,228	3,743	5,971	106	43	148	148,290
October - December	111,742	3,520	2,428	4,555	6,983	127	70	196	122,441
Total	435,827	14,414	9,453	16,207	25,660	473	320	793	476,693
2021									
January - March	127,966	4,361	2,433	4,141	6,574	159	114	272	139,174
April - June	113,766	4,489	2,408	3,751	6,159	111	42	153	124,566
July - September	156,993	4,366	2,486	3,850	6,336	134	32	165	167,861
October - December	102,702	4,372	2,645	4,131	6,776	142	78	220	114,070
Total	501,427	17,589	9,972	15,873	25,845	545	266	811	545,671
2020 January - December	435,827	14,414	9,453	16,207	25,660	473	320	793	476,693
2019 January - December	538,606	17,967	10,892	18,203	29,095	519	357	876	586,543

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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1,400	1,346	861	5,292	3,667	44.3
East North Central	2,401	2,391	2,111	9,847	8,441	16.7
South Atlantic	405	437	356	1,697	1,535	10.6
East South Central	167	192	193	752	770	-2.3
U.S. Total	4,372	4,366	3,520	17,589	14,414	22.0

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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
New England	-	-	1	-	13	-
Maine	-	-	1	-	13	-
Middle Atlantic	173	160	183	685	648	5.8
New York	55	42	44	211	158	33.7
Pennsylvania	118	118	139	474	490	-3.2
East North Central	1,138	1,078	1,379	4,597	5,177	-11.2
Illinois	452	476	690	1,983	2,482	-20.1
Indiana	311	314	364	1,362	1,422	-4.2
Michigan	106	67	85	304	293	4.0
Ohio	113	107	105	424	393	7.8
Wisconsin	156	114	135	524	588	-10.9
West North Central	2,847	2,690	2,906	10,887	10,713	1.6
Iowa	403	599	534	2,051	2,121	-3.3
Kansas	22	21	15	57	56	0.5
Minnesota	274	129	324	784	734	6.8
Missouri	222	256	192	928	809	14.7
Nebraska	271	246	210	976	870	12.2
North Dakota	1,604	1,367	1,593	5,872	5,930	-1.0
South Dakota	51	73	37	220	193	14.3
South Atlantic	553	524	565	2,150	2,048	5.0
Florida	76	62	46	235	219	7.1
Georgia	61	73	75	288	275	4.5
Maryland	111	113	107	405	393	3.2
North Carolina	95	90	95	374	347	7.5
South Carolina	33	25	42	130	136	-4.5
Virginia	98	92	107	411	356	15.2
West Virginia	78	68	94	309	321	-3.9
East South Central	685	682	616	2,618	2,333	12.2
Alabama	178	179	157	692	555	24.8
Kentucky	188	185	156	676	591	14.4
Mississippi	22	12	16	74	76	-2.1
Tennessee	297	305	287	1,175	1,112	5.7
West South Central	248	232	184	848	821	3.3
Arkansas	38	36	36	150	149	0.5
Louisiana	76	81	72	292	219	33.6
Oklahoma	57	53	20	148	157	-5.7
Texas	78	62	55	258	296	-12.8
Mountain	749	672	759	2,701	2,576	4.9
Arizona	70	79	72	273	277	-1.3
Colorado	45	38	45	144	159	-9.5
Idaho	35	24	37	125	108	15.5
Montana	95	44	94	232	201	15.1
Nevada	66	63	65	242	249	-3.0
New Mexico	10	18	19	57	64	-10.5
Utah	91	88	86	335	306	9.3
Wyoming	337	318	341	1,293	1,211	6.8
Pacific	383	299	391	1,359	1,330	2.2
Alaska	s	s	s	1	1	s
California	323	281	333	1,222	1,211	0.8
Oregon	36	-	35	57	35	63.2
Washington	23	18	22	79	82	-3.9
U.S. Total	6,776	6,336	6,983	25,845	25,660	0.7

- = 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.

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

NAICS code	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
311 Food Manufacturing	1,632	1,527	2,010	6,365	6,837	-6.9
312 Beverage and Tobacco Product Mfg.	4	3	4	14	14	-0.6
313 Textile Mills	9	7	8	36	45	-21.5
322 Paper Manufacturing	418	352	418	1,581	1,633	-3.1
324 Petroleum and Coal Products	1,435	1,291	1,399	5,419	5,487	-1.2
325 Chemical Manufacturing	767	774	796	3,024	3,018	0.2
327 Nonmetallic Mineral Products Mfg.	1,921	1,827	1,765	6,952	6,484	7.2
331 Primary Metal Manufacturing	270	275	312	1,255	1,283	-2.2
333 Machinery Manufacturing	26	20	20	82	45	84.0
339 Miscellaneous Manufacturing	293	261	252	1,117	814	37.3
U.S. Total	6,776	6,336	6,983	25,845	25,660	0.7

* 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic	1	s	1	7	9	-22.3
Pennsylvania	1	s	1	7	9	-22.3
East North Central	28	26	25	131	130	0.3
Illinois	17	20	16	83	81	2.7
Indiana	11	6	8	48	35	39.0
Wisconsin	-	-	-	-	15	-
West North Central	34	24	23	116	116	-0.2
Iowa	23	24	18	82	76	7.2
Minnesota	1	s	s	6	4	52.3
Missouri	5	-	2	12	6	93.2
North Dakota	5	-	3	16	30	-45.2
South Atlantic	8	13	12	55	58	-5.9
North Carolina	4	12	11	46	48	-4.1
Virginia	3	s	1	8	10	-15.2
East South Central	-	-	s	3	3	21.3
Kentucky	-	-	s	3	3	21.3
Mountain	2	s	2	7	4	76.5
Colorado	-	-	1	s	1	-78.9
Montana	s	-	-	1	1	105.1
Wyoming	2	s	1	6	2	170.8
Pacific	147	103	133	492	473	4.0
Alaska	147	103	133	492	473	4.0
U.S. Total	220	165	196	811	793	2.2

- = No data reported.

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

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

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of 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	145,283	2,148	3,020	212	150,663	30,829	181,492
June 30	150,525	2,022	3,019	213	155,779	29,510	185,289
September 30	129,173	1,975	2,907	234	134,289	25,537	159,826
December 31	133,327	1,654	2,848	250	138,078	23,640	161,718
2021							
March 31	111,494	1,545	2,555	229	115,823	28,146*	143,969
June 30	110,851	1,853	2,632	210	115,546	26,064*	141,610
September 30	80,413	1,794	2,705	201	85,113	23,449*	108,562
December 31	94,654	1,658	2,620	176	99,108	25,295*	124,403

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	December 31, 2021	September 30, 2021	December 31, 2020	Percent change (December 31) 2021 versus 2020
Middle Atlantic	442	467	364	21.4
East North Central	886	988	929	-4.6
South Atlantic	233	225	167	39.2
East South Central	98	114	194	-49.6
U.S. Total	1,658	1,794	1,654	0.3

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

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

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

(thousand short tons)

Census division and state	December 31, 2021	September 30, 2021	December 31, 2020	Percent change (December 31) 2021 versus 2020
Middle Atlantic	216	217	212	1.9
New York	57	68	63	-9.8
Pennsylvania	159	149	149	6.9
East North Central	634	531	619	2.4
Illinois	138	115	122	13.4
Indiana	243	239	211	15.2
Michigan	138	100	140	-1.4
Ohio	19	25	29	-34.8
Wisconsin	96	51	117	-18.2
West North Central	559	557	499	12.0
Iowa	175	157	163	7.1
Kansas	5	10	8	-37.1
Minnesota	34	37	38	-8.7
Missouri	53	40	45	18.7
Nebraska	40	31	35	12.8
North Dakota	234	272	171	37.3
South Dakota	17	11	39	-56.3
South Atlantic	255	321	355	-28.4
Florida	50	51	56	-11.3
Georgia	39	39	44	-10.8
Maryland	15	6	6	144.3
North Carolina	66	68	65	1.1
South Carolina	35	48	45	-22.7
Virginia	28	40	53	-47.3
West Virginia	21	70	85	-75.2
East South Central	150	210	237	-36.7
Alabama	59	64	77	-23.2
Kentucky	41	53	66	-37.7
Mississippi	3	13	8	-66.4
Tennessee	47	80	85	-45.2
West South Central	226	216	280	-19.4
Arkansas	28	23	33	-14.4
Louisiana	4	4	3	12.6
Oklahoma	84	68	79	6.1
Texas	110	122	165	-33.3
Mountain	453	492	530	-14.4
Arizona	32	40	24	33.2
Colorado	17	20	15	15.6
Idaho	172	193	201	-14.5
Montana	42	54	73	-42.8
Nevada	16	21	54	-70.1
New Mexico	2	3	3	-32.8
Utah	43	30	28	54.6
Wyoming	130	130	133	-1.8
Pacific	128	161	116	10.0
California	116	135	110	5.9
Oregon	6	21	2	226.9
Washington	5	4	4	20.6
U.S. Total	2,620	2,705	2,848	-8.0

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.'

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

(thousand short tons)

NAICS code	December 31, 2021	September 30, 2021	December 31, 2020	Percent change (December 31) 2021 versus 2020
311 Food Manufacturing	636	618	645	-1.5
312 Beverage and Tobacco Product Mfg.	1	s	s	22.1
313 Textile Mills	7	6	5	58.9
322 Paper Manufacturing	196	169	227	-13.6
324 Petroleum and Coal Products	203	216	163	24.2
325 Chemical Manufacturing	118	216	241	-51.3
327 Nonmetallic Mineral Products Mfg.	1,118	1,094	1,249	-10.5
331 Primary Metal Manufacturing	156	200	159	-1.8
333 Machinery Manufacturing	19	24	19	-3.4
339 Miscellaneous Manufacturing	168	161	139	20.4
U.S. Total	2,620	2,705	2,848	-8.0

* 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	December 31, 2021	September 30, 2021	December 31, 2020	Percent change (December 31) 2021 versus 2020
Middle Atlantic	12	6	46	-73.7
East North Central	324	234	248	30.7
South Atlantic	64	96	121	-46.8
East South Central	63	91	158	-60.0
U.S. Total	464	428	573	-19.1
Coke Total	352	292	481	-26.8
Breeze Total	112	135	92	21.2

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

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

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

(thousand short tons)

Census division and state	December 31, 2021	September 30, 2021	December 31, 2020	Percent change (December 31) 2021 versus 2020
Middle Atlantic	21	21	28	-24.7
Pennsylvania	21	21	28	-24.7
East North Central	25	18	22	13.3
Illinois	21	17	20	6.4
Indiana	4	1	2	80.8
West North Central	26	28	39	-31.9
Iowa	14	19	22	-36.1
Minnesota	5	5	9	-41.3
Missouri	1	1	1	-24.1
North Dakota	6	4	7	-6.4
South Atlantic	43	54	42	1.8
District of Columbia	3	3	3	s
North Carolina	31	24	28	10.0
Virginia	10	28	12	-17.4
East South Central	4	4	7	-39.1
Kentucky	4	4	7	-39.1
Mountain	3	4	4	-7.4
Colorado	1	1	s	27.4
Montana	3	3	3	-13.2
Wyoming	s	s	s	s
Pacific	54	71	109	-51.0
Alaska	54	71	109	-51.0
U.S. Total	176	201	250	-29.6

- = 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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
New England						
Btu	-	-	-	-	12,336	-
Sulfur	-	-	-	-	0.77	-
Ash	-	-	-	-	5.74	-
Maine						
Btu	-	-	-	-	12,336	-
Sulfur	-	-	-	-	0.77	-
Ash	-	-	-	-	5.74	-
Middle Atlantic						
Btu	14,204	14,232	14,027	14,231	14,142	0.6
Sulfur	1.13	1.06	1.21	1.13	1.16	-2.2
Ash	7.49	7.44	7.62	7.40	7.43	-0.4
New York						
Btu	12,698	12,720	12,742	12,707	12,760	-0.4
Sulfur	2.22	2.19	2.19	2.20	2.17	1.6
Ash	9.44	9.37	9.22	9.31	9.14	1.8
Pennsylvania						
Btu	14,247	14,282	14,097	14,283	14,190	0.7
Sulfur	1.10	1.02	1.15	1.09	1.12	-2.4
Ash	7.44	7.38	7.54	7.33	7.37	-0.5
East North Central						
Btu	13,325	13,437	13,088	13,433	13,179	1.9
Sulfur	1.23	1.20	1.18	1.21	1.22	-1.6
Ash	7.67	7.48	7.11	7.45	7.18	3.8
Illinois						
Btu	11,931	11,815	10,997	11,823	11,313	4.5
Sulfur	2.51	2.24	1.82	2.25	2.03	10.9
Ash	7.66	7.48	6.93	7.50	7.22	3.9
Indiana						
Btu	14,014	14,094	14,108	14,124	14,113	0.1
Sulfur	0.98	0.97	0.93	0.98	0.94	4.1
Ash	7.62	7.39	7.20	7.48	7.18	4.2
Michigan						
Btu	12,937	13,120	12,816	12,966	12,831	1.1
Sulfur	0.71	0.69	0.67	0.70	0.67	4.6
Ash	8.72	8.08	7.45	7.86	7.69	2.3
Ohio						
Btu	14,212	14,235	14,175	14,261	14,208	0.4
Sulfur	1.00	1.01	1.07	0.98	1.05	-6.3
Ash	7.31	7.33	7.10	7.22	7.08	1.9
Wisconsin						
Btu	10,732	10,712	11,577	10,790	10,692	0.9
Sulfur	0.85	0.88	1.05	0.90	0.84	7.3
Ash	6.82	7.23	6.79	6.92	6.49	6.6
West North Central						
Btu	8,242	8,282	8,278	8,232	8,199	0.4
Sulfur	0.80	0.84	0.81	0.84	0.85	-1.0
Ash	6.27	6.14	6.06	6.31	6.37	-0.9
Iowa						
Btu	9,140	9,105	9,207	9,090	9,108	-0.2
Sulfur	0.80	0.66	0.81	0.68	0.72	-4.6
Ash	5.28	5.22	5.40	5.20	5.31	-1.9
Kansas						
Btu	10,740	10,798	10,771	10,674	10,842	-1.5
Sulfur	2.02	2.16	2.48	2.39	1.99	20.0
Ash	12.01	9.66	12.66	12.73	12.29	3.6
Minnesota						

Census division and state¹	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Btu	9,339	9,307	9,331	9,329	9,318	0.1
Sulfur	0.35	0.34	0.35	0.35	0.35	1.5
Ash	4.18	4.36	4.17	4.24	4.17	1.7
Missouri						
Btu	11,297	11,324	11,296	11,247	11,243	s
Sulfur	2.20	2.43	2.15	2.43	2.32	4.8
Ash	8.33	8.21	8.19	8.51	8.63	-1.4
Nebraska						
Btu	8,718	8,700	8,708	8,711	8,715	s
Sulfur	0.22	0.22	0.22	0.22	0.22	0.6
Ash	4.53	4.49	4.61	4.53	4.56	-0.6
North Dakota						
Btu	7,249	7,218	7,331	7,208	7,222	-0.2
Sulfur	0.78	0.79	0.81	0.81	0.86	-5.1
Ash	6.89	6.64	6.54	6.88	6.94	-0.7
South Dakota						
Btu	8,020	8,143	8,377	8,249	8,441	-2.3
Sulfur	0.35	0.35	0.53	0.45	0.57	-20.4
Ash	5.19	5.14	6.11	5.69	6.28	-9.4
South Atlantic						
Btu	13,373	13,506	13,385	13,463	13,462	s
Sulfur	1.15	1.10	1.01	1.08	1.07	0.1
Ash	9.56	9.18	9.71	9.25	9.50	-2.7
Florida						
Btu	12,560	12,335	12,700	12,618	12,428	1.5
Sulfur	2.12	2.39	1.26	1.84	1.28	43.9
Ash	9.30	8.64	9.70	9.55	10.08	-5.3
Georgia						
Btu	12,483	12,560	12,453	12,618	12,539	0.6
Sulfur	0.97	0.86	0.86	0.89	0.89	s
Ash	10.72	8.35	9.23	9.17	9.62	-4.6
Maryland						
Btu	11,603	11,848	11,569	11,751	11,506	2.1
Sulfur	1.59	1.34	1.41	1.46	1.46	-0.4
Ash	20.80	20.51	24.11	20.62	22.69	-9.1
North Carolina						
Btu	13,425	13,505	13,647	13,526	13,466	0.4
Sulfur	0.89	0.93	0.88	0.90	0.93	-3.4
Ash	8.44	7.43	7.00	7.34	7.67	-4.2
South Carolina						
Btu	13,056	12,965	12,773	13,033	12,984	0.4
Sulfur	1.52	1.39	1.12	1.30	1.45	-9.9
Ash	8.85	7.48	7.69	7.88	8.57	-8.0
Virginia						
Btu	14,154	14,197	13,949	14,100	14,089	0.1
Sulfur	0.80	0.84	0.84	0.83	0.83	-0.7
Ash	7.09	6.92	7.71	7.26	7.50	-3.3
West Virginia						
Btu	13,705	13,798	13,850	13,767	13,938	-1.2
Sulfur	1.20	1.15	1.11	1.13	1.24	-8.9
Ash	7.60	8.35	7.74	8.10	7.33	10.6
East South Central						
Btu	13,179	13,222	13,399	13,257	13,442	-1.4
Sulfur	1.35	1.35	1.24	1.32	1.29	2.3
Ash	7.91	7.90	7.39	7.61	7.05	7.8
Alabama						
Btu	13,509	13,625	13,692	13,626	13,840	-1.6
Sulfur	1.17	1.04	1.10	1.15	1.02	12.7
Ash	8.51	8.63	7.83	8.18	7.23	13.1
Kentucky						
Btu	12,812	12,724	13,167	12,778	13,053	-2.1

Census division and state¹	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Sulfur	1.38	1.53	1.14	1.34	1.33	0.7
Ash	7.30	6.60	8.28	7.01	8.05	-13.0
Mississippi						
Btu	15,041	14,752	14,733	14,780	14,844	-0.4
Sulfur	0.81	0.77	0.78	0.77	0.81	-4.9
Ash	3.23	3.55	3.40	3.53	3.28	7.8
Tennessee						
Btu	12,943	12,975	13,092	13,009	13,100	-0.7
Sulfur	1.57	1.65	1.49	1.56	1.63	-4.2
Ash	7.80	8.02	6.60	7.52	6.56	14.6
West South Central						
Btu	10,097	10,281	10,101	10,165	10,077	0.9
Sulfur	0.61	0.68	0.66	0.67	0.71	-5.2
Ash	7.47	8.03	7.46	7.54	7.85	-4.0
Arkansas						
Btu	11,483	11,630	11,451	11,516	11,421	0.8
Sulfur	1.15	1.21	1.04	1.22	1.14	6.9
Ash	8.37	8.79	8.48	8.64	8.69	-0.6
Louisiana						
Btu	7,489	7,489	7,489	7,489	7,641	-2.0
Sulfur	0.57	0.54	0.50	0.53	0.54	-1.3
Ash	7.29	6.84	6.44	6.74	6.01	12.0
Oklahoma						
Btu	10,729	12,687	12,560	11,994	11,820	1.5
Sulfur	0.50	0.85	0.68	0.63	0.72	-12.7
Ash	6.85	7.44	7.34	6.49	6.65	-2.3
Texas						
Btu	11,550	11,685	11,388	11,564	10,340	11.8
Sulfur	0.45	0.55	0.60	0.54	0.60	-10.2
Ash	7.69	9.04	8.13	8.42	9.19	-8.4
Mountain						
Btu	10,543	10,763	10,577	10,718	10,649	0.6
Sulfur	0.46	0.48	0.52	0.48	0.52	-7.6
Ash	6.44	6.86	6.84	6.56	7.19	-8.8
Arizona						
Btu	11,775	11,584	11,705	11,621	11,751	-1.1
Sulfur	0.59	0.66	0.69	0.66	0.70	-5.4
Ash	8.87	10.17	10.50	9.82	10.58	-7.2
Colorado						
Btu	11,951	12,143	12,018	12,062	12,086	-0.2
Sulfur	0.52	0.60	0.60	0.56	0.56	0.7
Ash	8.40	9.21	9.34	9.02	9.38	-3.8
Idaho						
Btu	12,081	12,507	12,782	12,198	12,296	-0.8
Sulfur	0.42	0.42	0.47	0.40	0.55	-27.5
Ash	11.37	9.14	9.50	9.62	10.10	-4.7
Montana						
Btu	8,484	9,700	8,681	9,019	8,875	1.6
Sulfur	0.39	0.36	0.36	0.39	0.39	-1.3
Ash	5.72	5.51	5.58	5.66	5.42	4.5
Nevada						
Btu	11,653	11,553	11,923	11,680	11,846	-1.4
Sulfur	0.39	0.38	0.42	0.39	0.42	-5.8
Ash	9.01	9.28	9.14	9.10	9.05	0.6
New Mexico						
Btu	12,342	12,223	12,191	12,264	12,228	0.3
Sulfur	0.62	0.71	0.74	0.67	0.69	-1.6
Ash	9.45	10.28	10.45	10.06	10.49	-4.1
Utah						
Btu	11,443	11,419	11,967	11,535	11,592	-0.5
Sulfur	0.44	0.41	0.43	0.42	0.41	3.9

Census division and state ¹	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Ash	10.07	10.50	9.71	10.13	10.62	-4.6
Wyoming						
Btu	10,069	10,056	9,996	10,128	9,879	2.5
Sulfur	0.45	0.46	0.56	0.48	0.55	-11.9
Ash	4.13	4.27	4.85	4.01	4.93	-18.6
Pacific						
Btu	11,377	11,326	11,450	11,418	11,450	-0.3
Sulfur	0.38	0.40	0.40	0.39	0.44	-10.4
Ash	8.91	9.72	9.59	9.10	9.93	-8.3
California						
Btu	11,538	11,472	11,589	11,553	11,570	-0.2
Sulfur	0.38	0.40	0.40	0.40	0.45	-10.9
Ash	9.29	10.03	9.96	9.39	10.33	-9.1
Oregon						
Btu	11,367	10,083	11,875	11,373	11,898	-4.4
Sulfur	0.34	0.30	0.39	0.35	0.40	-12.5
Ash	8.64	8.42	10.18	9.38	9.39	-0.1
Washington						
Btu	9,387	9,353	9,349	9,380	9,446	-0.7
Sulfur	0.36	0.39	0.32	0.35	0.33	5.8
Ash	4.43	4.95	4.29	4.48	4.08	9.9
U.S. Total						
Btu	11,823	11,931	11,566	11,936	11,678	2.2
Sulfur	1.02	1.01	0.98	1.02	1.02	-0.3
Ash	7.42	7.36	7.19	7.33	7.28	0.6

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	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Middle Atlantic						
Btu	12,480	-	12,883	12,607	12,837	-1.8
Sulfur	0.65	-	0.68	0.83	0.64	28.8
Ash	5.90	-	6.73	6.69	6.95	-3.7
Pennsylvania						
Btu	12,480	-	12,883	12,607	12,837	-1.8
Sulfur	0.65	-	0.68	0.83	0.64	28.8
Ash	5.90	-	6.73	6.69	6.95	-3.7
East North Central						
Btu	11,167	11,179	11,213	11,168	11,511	-3.0
Sulfur	3.05	3.10	3.02	2.96	2.76	7.2
Ash	9.53	9.93	9.77	9.65	9.46	2.1
Illinois						
Btu	11,181	11,164	11,232	11,147	11,333	-1.6
Sulfur	3.29	3.28	3.29	3.26	3.30	-1.4
Ash	9.69	10.00	10.13	9.75	9.86	-1.1
Indiana						
Btu	11,144	11,229	11,180	11,204	11,251	-0.4
Sulfur	2.69	2.54	2.54	2.45	2.21	10.7
Ash	9.29	9.72	9.14	9.48	9.17	3.4
Wisconsin						
Btu	-	-	-	-	13,375	-
Sulfur	-	-	-	-	0.78	-
Ash	-	-	-	-	7.65	-
West North Central						
Btu	10,858	11,067	10,769	10,944	10,634	2.9
Sulfur	2.15	2.14	2.23	2.25	2.18	3.2
Ash	7.40	7.43	8.64	7.67	8.23	-6.8
Iowa						
Btu	11,426	11,339	10,979	11,306	11,180	1.1
Sulfur	2.70	2.40	2.53	2.63	2.77	-4.9
Ash	7.83	7.90	9.46	8.22	8.86	-7.2
Minnesota						
Btu	9,411	9,462	9,381	9,454	9,056	4.4
Sulfur	0.29	0.32	0.31	0.31	0.29	4.5
Ash	4.06	5.70	4.12	3.99	4.63	-13.8
Missouri						
Btu	11,486	11,527	11,414	11,478	11,427	0.4
Sulfur	3.03	2.05	2.92	2.86	2.98	-4.1
Ash	9.58	8.11	8.18	8.77	8.14	7.7
North Dakota						
Btu	9,143	9,101	9,289	9,158	9,020	1.5
Sulfur	0.37	0.41	0.32	0.39	0.50	-21.8
Ash	5.21	4.00	4.95	5.00	7.00	-28.5
South Atlantic						
Btu	12,832	13,557	12,927	13,097	13,103	s
Sulfur	1.63	1.18	1.56	1.44	1.60	-9.8
Ash	6.58	6.81	7.76	7.34	7.28	0.7
North Carolina						
Btu	12,667	12,516	12,840	12,639	13,014	-2.9
Sulfur	1.85	2.05	1.71	1.81	1.78	1.8
Ash	6.58	10.67	7.96	8.61	7.48	15.0
Virginia						
Btu	13,305	14,231	13,313	13,999	13,449	4.1
Sulfur	1.02	0.62	0.93	0.71	0.89	-19.8
Ash	6.59	4.31	6.87	4.83	6.50	-25.6
East South Central						

Census division and state ¹	October - December 2021	July - September 2021	October - December 2020	Year to date		Percent change
				2021	2020	
Btu	-	-	13,321	13,041	13,075	-0.3
Sulfur	-	-	0.78	0.80	0.78	2.6
Ash	-	-	4.94	6.46	6.42	0.6
Kentucky						
Btu	-	-	13,321	13,041	13,075	-0.3
Sulfur	-	-	0.78	0.80	0.78	2.6
Ash	-	-	4.94	6.46	6.42	0.6
Mountain						
Btu	11,656	10,566	11,150	11,389	11,235	1.4
Sulfur	0.48	0.55	0.51	0.50	0.51	-1.4
Ash	9.90	7.85	11.03	9.86	10.37	-4.9
Colorado						
Btu	-	-	11,355	11,545	11,453	0.8
Sulfur	-	-	0.50	0.52	0.49	7.2
Ash	-	-	10.43	9.79	10.66	-8.2
Montana						
Btu	-	10,484	-	10,484	11,097	-5.5
Sulfur	-	0.55	-	0.55	0.53	3.8
Ash	-	7.73	-	7.73	8.47	-8.7
Wyoming						
Btu	11,656	11,723	11,027	11,542	11,246	2.6
Sulfur	0.48	0.50	0.52	0.49	0.50	-1.5
Ash	9.90	9.53	11.38	10.25	12.06	-15.0
Pacific						
Btu	7,497	7,470	7,581	7,488	7,514	-0.4
Sulfur	0.12	0.14	0.16	0.13	0.16	-16.6
Ash	4.97	5.72	7.27	5.38	7.53	-28.5
Alaska						
Btu	7,497	7,470	7,581	7,488	7,514	-0.4
Sulfur	0.12	0.14	0.16	0.13	0.16	-16.6
Ash	4.97	5.72	7.27	5.38	7.53	-28.5
U.S. Total						
Btu	9,034	9,599	9,051	9,199	9,149	0.6
Sulfur	1.01	1.05	0.93	1.04	1.01	2.9
Ash	6.24	6.80	7.82	6.67	7.95	-16.1

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.'