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U.S. Energy Information  
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# Quarterly Coal Report January–March 2022

July 2022



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*Independent Statistics & Analysis*

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## Contacts

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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

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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 first-quarter 2022 QCR includes detailed quarterly coal data for January 2022 to March 2022 and aggregated quarterly historical coal data for 2016 through first-quarter 2022.

All data for 2020 and previous years are final. All data for 2021 and 2022 are preliminary.

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**Table ES-1. U.S. coal summary statistics, 2016 - 2022**

(thousand short tons)

Year and quarter	Production <sup>1</sup>	Imports	Waste coal supplied	Producer and distributor stocks <sup>2</sup>	Consumption	Exports	Consumer stocks <sup>2</sup>	Losses and unaccounted for <sup>3</sup>
<b>2016</b>								
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	-
<b>Total</b>	<b>728,364</b>	<b>9,846</b>	<b>10,138</b>		<b>731,071</b>	<b>60,271</b>		<b>2,449</b>
<b>2017</b>								
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	-
<b>Total</b>	<b>774,609</b>	<b>7,803</b>	<b>9,951</b>		<b>716,856</b>	<b>96,945</b>		<b>4,596</b>
<b>2018</b>								
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	-
<b>Total</b>	<b>756,167</b>	<b>5,954</b>	<b>10,431</b>		<b>688,105</b>	<b>116,244</b>		<b>5,363</b>
<b>2019</b>								
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	-
<b>Total</b>	<b>706,309</b>	<b>6,697</b>	<b>8,003</b>		<b>586,543</b>	<b>93,765</b>		<b>5,164</b>
<b>2020</b>								
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	-
<b>Total</b>	<b>535,434</b>	<b>5,137</b>	<b>6,880</b>		<b>476,693</b>	<b>69,067</b>		<b>5,308</b>
<b>2021</b>								
January - March	140,137	1,074	2,190	28,146*	139,174	20,740	115,823	-
April - June	142,674	1,530	1,652	26,064*	124,566	22,017	115,546	-
July - September	148,284	1,134	2,118	23,449*	167,861	20,595	85,113	-
October - December	146,555	1,650	1,897	25,295*	114,070	21,763	99,108	-
<b>Total</b>	<b>577,650</b>	<b>5,388</b>	<b>7,857</b>		<b>545,671</b>	<b>85,115</b>		<b>-2,575</b>
<b>2022</b>								
January - March	148,992	1,322	1,749	26,439*	133,690	20,186	90,340	-
<b>Total</b>	<b>148,992</b>	<b>1,322</b>	<b>1,749</b>		<b>133,690</b>	<b>20,186</b>		<b>5,810</b>
<b>2021 January - March</b>	<b>140,137</b>	<b>1,074</b>	<b>2,190</b>		<b>139,174</b>	<b>20,740</b>		-
<b>2020 January - March</b>	<b>149,198</b>	<b>1,339</b>	<b>1,862</b>		<b>109,626</b>	<b>19,911</b>		-

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, 2016 - 2022**

(thousand short tons)

Year and quarter	Production	Imports	Producer and distributor stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports
<b>2016</b>					
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
<b>Total</b>	<b>11,855</b>	<b>229</b>		<b>11,212</b>	<b>1,000</b>
<b>2017</b>					
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
<b>Total</b>	<b>12,948</b>	<b>58</b>		<b>11,815</b>	<b>1,212</b>
<b>2018</b>					
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
<b>Total</b>	<b>13,806</b>	<b>117</b>		<b>12,976</b>	<b>1,151</b>
<b>2019</b>					
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
<b>Total</b>	<b>12,870</b>	<b>116</b>		<b>11,932</b>	<b>967</b>
<b>2020</b>					
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
<b>Total</b>	<b>10,353</b>	<b>162</b>		<b>9,791</b>	<b>683</b>
<b>2021</b>					
January - March	3,101	16	489	2,856	253
April - June	3,205	31	469	2,669	587
July - September	3,105	20	292	2,727	575
October - December	3,134	50	352	2,457	668
<b>Total</b>	<b>12,545</b>	<b>117</b>		<b>10,708</b>	<b>2,083</b>
<b>2022</b>					
January - March	2,881	8	419	2,297	526
<b>Total</b>	<b>2,881</b>	<b>8</b>		<b>2,297</b>	<b>526</b>
<b>2021 January - March</b>	<b>3,101</b>	<b>16</b>		<b>2,856</b>	<b>253</b>
<b>2020 January - March</b>	<b>3,046</b>	<b>6</b>		<b>2,852</b>	<b>188</b>

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 &amp; 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, 2016 - 2022**

(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			
<b>2016</b>							
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
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>2017</b>							
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
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>2018</b>							
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
<b>Total</b>	<b>67,710</b>	<b>69,299</b>	<b>17,228</b>	<b>154,237</b>	<b>36.71</b>	<b>161,148</b>	<b>161,148</b>
<b>2019</b>							
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
<b>Total</b>	<b>67,898</b>	<b>94,708</b>	<b>19,314</b>	<b>181,920</b>	<b>33.84</b>	<b>173,576</b>	<b>173,576</b>
<b>2020</b>							
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
<b>Total</b>	<b>70,249</b>	<b>83,623</b>	<b>24,632</b>	<b>178,504</b>	<b>32.28</b>	<b>171,639</b>	<b>171,639</b>
<b>2021</b>							
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
<b>Total</b>	<b>78,123</b>	<b>88,937</b>	<b>20,755</b>	<b>187,815</b>	<b>33.27</b>	<b>182,255</b>	<b>182,255</b>
<b>2022</b>							
January - March	w	w	w	w	w	w	w
<b>Total</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>

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 &amp; 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

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**Table 1. U.S. coal production, 2016 - 2022**

(thousand short tons)

<b>Year</b>	<b>January - March</b>	<b>April - June</b>	<b>July - September</b>	<b>October - December</b>	<b>Total</b>
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	140,137	142,674	148,284	146,555	577,650
2022	148,992	-	-	-	148,992

- = No data reported.

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

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

**Table 2. Coal production by state**

(thousand short tons)

Coal-producing region and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Alabama	2,585	1,972	3,043	2,585	3,043	-15.1
Alaska	273	273	310	273	310	-11.8
Colorado	2,806	3,484	2,422	2,806	2,422	15.9
Illinois	9,307	7,821	11,154	9,307	11,154	-16.6
Indiana	5,279	4,959	4,880	5,279	4,880	8.2
<b>Kentucky Total</b>	<b>7,101</b>	<b>6,927</b>	<b>6,533</b>	<b>7,101</b>	<b>6,533</b>	<b>8.7</b>
Eastern (Kentucky)	2,821	2,808	2,255	2,821	2,255	25.1
Western (Kentucky)	4,280	4,119	4,278	4,280	4,278	s
Louisiana	61	74	57	61	57	6.1
Maryland	313	296	349	313	349	-10.4
Mississippi	740	703	812	740	812	-8.9
Missouri	17	7	18	17	18	-3.9
Montana	7,011	7,454	6,566	7,011	6,566	6.8
New Mexico	2,782	2,840	2,352	2,782	2,352	18.3
North Dakota	7,161	6,222	6,997	7,161	6,997	2.3
Ohio	717	741	753	717	753	-4.8
Oklahoma	s	s	-	s	-	-
<b>Pennsylvania Total</b>	<b>10,263</b>	<b>10,009</b>	<b>11,809</b>	<b>10,263</b>	<b>11,809</b>	<b>-13.1</b>
Anthracite (Pennsylvania)	615	615	505	615	505	21.9
Bituminous (Pennsylvania)	9,647	9,394	11,305	9,647	11,305	-14.7
Texas	4,096	4,838	3,726	4,096	3,726	9.9
Utah	3,245	3,075	3,219	3,245	3,219	0.8
Virginia	2,619	2,736	2,622	2,619	2,622	-0.1
<b>West Virginia Total</b>	<b>20,814</b>	<b>20,032</b>	<b>20,091</b>	<b>20,814</b>	<b>20,091</b>	<b>3.6</b>
Northern (West Virginia)	11,713	11,631	11,455	11,713	11,455	2.2
Southern (West Virginia)	9,102	8,401	8,636	9,102	8,636	5.4
Wyoming	61,758	61,943	52,321	61,758	52,321	18.0
<b>Appalachia Total</b>	<b>40,133</b>	<b>38,594</b>	<b>40,923</b>	<b>40,133</b>	<b>40,923</b>	<b>-1.9</b>
Appalachia Central	14,543	13,945	13,513	14,543	13,513	7.6
Appalachia Northern	23,005	22,677	24,367	23,005	24,367	-5.6
Appalachia Southern	2,585	1,972	3,043	2,585	3,043	-15.1
<b>Interior Region Total</b>	<b>23,780</b>	<b>22,521</b>	<b>24,925</b>	<b>23,780</b>	<b>24,925</b>	<b>-4.6</b>
Illinois Basin	18,866	16,899	20,312	18,866	20,312	-7.1
Interior	4,915	5,622	4,613	4,915	4,613	6.5
<b>Western Region Total</b>	<b>85,035</b>	<b>85,291</b>	<b>74,186</b>	<b>85,035</b>	<b>74,186</b>	<b>14.6</b>
Powder River Basin	65,231	65,457	54,907	65,231	54,907	18.8
Uinta Region	5,801	6,280	5,397	5,801	5,397	7.5
Western	14,004	13,553	13,883	14,004	13,883	0.9
<b>East of Mississippi River</b>	<b>59,738</b>	<b>56,197</b>	<b>62,046</b>	<b>59,738</b>	<b>62,046</b>	<b>-3.7</b>
<b>West of Mississippi River</b>	<b>89,210</b>	<b>90,210</b>	<b>77,988</b>	<b>89,210</b>	<b>77,988</b>	<b>14.4</b>
<b>U.S. Subtotal</b>	<b>148,948</b>	<b>146,406</b>	<b>140,034</b>	<b>148,948</b>	<b>140,034</b>	<b>6.4</b>
<b>Refuse recovery</b>	<b>44</b>	<b>149</b>	<b>103</b>	<b>44</b>	<b>103</b>	<b>-57.5</b>
<b>U.S. Total</b>	<b>148,992</b>	<b>146,555</b>	<b>140,137</b>	<b>148,992</b>	<b>140,137</b>	<b>6.3</b>

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	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Middle Atlantic	989	1,076	929	989	929	6.4
East North Central	1,598	1,753	1,844	1,598	1,844	-13.3
South Atlantic	261	286	315	261	315	-17.0
East South Central	145	147	177	145	177	-18.2
<b>U.S. Total</b>	<b>2,993</b>	<b>3,263</b>	<b>3,265</b>	<b>2,993</b>	<b>3,265</b>	<b>-8.3</b>
<b>Coke Total</b>	<b>2,881</b>	<b>3,134</b>	<b>3,101</b>	<b>2,881</b>	<b>3,101</b>	<b>-7.1</b>
<b>Breeze Total</b>	<b>112</b>	<b>129</b>	<b>164</b>	<b>112</b>	<b>164</b>	<b>-31.9</b>

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 &amp; 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

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**Table 4. U.S. coal exports and imports, 2016 - 2022**

(thousand short tons)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	20,740	1,074	22,017	1,530	20,595	1,134	21,763	1,650	85,115	5,388
2022	20,186	1,322	-	-	-	-	-	-	20,186	1,322

- = No data reported.

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

Source: Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545;' and Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.'

**Table 5. Average price of U.S. coal exports and imports, 2016 - 2022**

(dollars per short ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
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	88.81	71.56	93.80	81.99	115.84	95.84	159.38	110.28	114.69	91.49
2022	184.49	86.50	-	-	-	-	-	-	184.49	86.50

- = No data reported.

Note: Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. Customs import value is the price paid for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States. Total may not equal sum of components because of independent rounding.

Source: Exports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report EM 545;' and Imports: U.S. Department of Commerce, Bureau of the Census, 'Monthly Report IM 145.'

**Table 6. Quantity and average price of U.S. coal imports by origin, 2016 - 2022**

(short tons and dollars per short ton)

Year and quarter	Australia	Canada	Colombia	Indonesia	China	Venezuela	Other countries	Total
<b>2016</b>	<b>121,967</b>	<b>1,078,480</b>	<b>7,890,800</b>	<b>613,944</b>	<b>6,955</b>	-	<b>134,212</b>	<b>9,846,358</b>
<b>2017</b>	<b>700</b>	<b>891,734</b>	<b>6,112,092</b>	<b>699,453</b>	<b>6,474</b>	<b>46</b>	<b>92,153</b>	<b>7,802,652</b>
<b>2018</b>	-	<b>770,364</b>	<b>4,060,581</b>	<b>915,188</b>	<b>28,624</b>	-	<b>179,398</b>	<b>5,954,155</b>
<b>2019</b>	-	<b>817,190</b>	<b>5,033,032</b>	<b>655,398</b>	<b>54,715</b>	-	<b>136,802</b>	<b>6,697,137</b>
<b>2020</b>	-	<b>448,719</b>	<b>3,655,196</b>	<b>639,982</b>	<b>109,814</b>	-	<b>283,659</b>	<b>5,137,370</b>
<b>2021</b>								
January - March	-	150,434	765,421	114,247	16,447	-	27,217	1,073,766
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
<b>U.S. Total</b>	-	<b>1,034,232</b>	<b>3,366,886</b>	<b>494,168</b>	<b>116,743</b>	-	<b>376,319</b>	<b>5,388,348</b>
<b>2022</b>								
January - March	-	333,641	895,327	61,968	30,302	-	426	1,321,664
<b>U.S. Total</b>	-	<b>333,641</b>	<b>895,327</b>	<b>61,968</b>	<b>30,302</b>	-	<b>426</b>	<b>1,321,664</b>

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

<b>2016</b>	<b>47.66</b>	<b>77.40</b>	<b>65.10</b>	<b>52.17</b>	<b>126.99</b>	-	<b>85.65</b>	<b>65.75</b>
<b>2017</b>	<b>74.89</b>	<b>189.83</b>	<b>64.39</b>	<b>64.11</b>	<b>97.33</b>	<b>103.33</b>	<b>132.12</b>	<b>79.53</b>
<b>2018</b>	-	<b>191.25</b>	<b>61.39</b>	<b>75.42</b>	<b>132.01</b>	-	<b>117.88</b>	<b>82.39</b>
<b>2019</b>	-	<b>184.33</b>	<b>62.77</b>	<b>67.10</b>	<b>96.13</b>	-	<b>148.37</b>	<b>80.04</b>
<b>2020</b>	-	<b>129.46</b>	<b>60.54</b>	<b>74.23</b>	<b>84.43</b>	-	<b>115.10</b>	<b>71.79</b>
<b>2021</b>								
January - March	-	114.46	60.06	64.77	187.53	-	116.19	71.56
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
<b>U.S. Total</b>	-	<b>157.70</b>	<b>69.12</b>	<b>65.76</b>	<b>132.31</b>	-	<b>130.74</b>	<b>91.49</b>
<b>2022</b>								
January - March	-	113.78	75.51	64.77	155.04	-	95.94	86.50
<b>U.S. Total</b>	-	<b>113.78</b>	<b>75.51</b>	<b>64.77</b>	<b>155.04</b>	-	<b>95.94</b>	<b>86.50</b>

- = No data reported.

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

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

**Table 7. U.S. coal exports**

(short tons)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>934,348</b>	<b>1,957,607</b>	<b>1,339,730</b>	<b>934,348</b>	<b>1,339,730</b>	<b>-30.3</b>
Canada*	422,379	1,530,966	529,762	422,379	529,762	-20.3
Dominican Republic	53,356	60,889	381,143	53,356	381,143	-86.0
Guatemala	122,060	114,978	134,746	122,060	134,746	-9.4
Honduras	36,375	58,457	-	36,375	-	-
Jamaica	35,358	36,375	36,482	35,358	36,482	-3.1
Mexico	189,444	155,617	199,525	189,444	199,525	-5.1
Panama	14,700	106	132	14,700	132	NM
Trinidad and Tobago	60,650	22	57,898	60,650	57,898	4.8
Other**	26	197	42	26	42	-38.1
<b>South America Total</b>	<b>1,734,503</b>	<b>1,822,447</b>	<b>1,993,144</b>	<b>1,734,503</b>	<b>1,993,144</b>	<b>-13.0</b>
Argentina	78,394	18,872	50,034	78,394	50,034	56.7
Brazil	1,314,945	1,300,294	1,743,081	1,314,945	1,743,081	-24.6
Chile	235,431	466,611	108,408	235,431	108,408	117.2
Ecuador	32,849	36,382	-	32,849	-	-
Peru	72,814	127	34,971	72,814	34,971	108.2
Uruguay	-	-	56,630	-	56,630	-
Other**	70	161	20	70	20	250.0
<b>Europe Total</b>	<b>7,563,289</b>	<b>6,358,578</b>	<b>5,706,458</b>	<b>7,563,289</b>	<b>5,706,458</b>	<b>32.5</b>
Austria	229,107	371,556	287,457	229,107	287,457	-20.3
Belgium	86,943	148,878	78,757	86,943	78,757	10.4
Croatia	534,237	272,470	373,326	534,237	373,326	43.1
Denmark (Except Greenland)	32,524	-	29,101	32,524	29,101	11.8
Finland	156,777	193,874	143,301	156,777	143,301	9.4
France	313,706	201,693	262,539	313,706	262,539	19.5
Germany, Federal Republic of	842,318	514,596	509,767	842,318	509,767	65.2
Italy	509,151	217,279	272,712	509,151	272,712	86.7
Netherlands	2,509,232	2,123,524	1,804,208	2,509,232	1,804,208	39.1
Poland	385,964	338,601	280,321	385,964	280,321	37.7
Romania	158,131	44,150	54,644	158,131	54,644	189.4
Slovakia	-	-	55,336	-	55,336	-
Spain	481,933	228,752	136,416	481,933	136,416	253.3
Sweden	88,397	81,651	75,067	88,397	75,067	17.8
Switzerland	-	-	87,510	-	87,510	-
Turkey	426,482	251,887	271,530	426,482	271,530	57.1
Ukraine	422,859	904,285	645,451	422,859	645,451	-34.5
United Kingdom	372,498	465,347	323,505	372,498	323,505	15.1
Other**	13,030	35	15,510	13,030	15,510	-16.0
<b>Asia Total</b>	<b>8,445,981</b>	<b>10,546,805</b>	<b>10,673,396</b>	<b>8,445,981</b>	<b>10,673,396</b>	<b>-20.9</b>
China	582,109	3,077,545	2,715,500	582,109	2,715,500	-78.6
India	3,984,566	3,121,165	4,888,490	3,984,566	4,888,490	-18.5
Japan	2,412,448	2,831,030	1,583,884	2,412,448	1,583,884	52.3
Jordan	-	22	-	-	-	-
Pakistan	21	120,545	-	21	-	-
South Korea (Republic of Korea)	1,391,616	1,394,356	1,483,503	1,391,616	1,483,503	-6.2
Other**	75,221	2,142	2,019	75,221	2,019	NM
<b>Australia and Oceania Total</b>	<b>253</b>	<b>353</b>	<b>-</b>	<b>253</b>	<b>-</b>	<b>-</b>
Other**	253	353	-	253	-	-
<b>Africa Total</b>	<b>1,507,684</b>	<b>1,077,579</b>	<b>1,027,007</b>	<b>1,507,684</b>	<b>1,027,007</b>	<b>46.8</b>
Egypt	749,520	306,853	565,421	749,520	565,421	32.6
Ghana	-	-	17,747	-	17,747	-
Morocco	670,675	741,035	339,649	670,675	339,649	97.5
South Africa	87,471	29,621	54,564	87,471	54,564	60.3

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Togo	-	-	49,604	-	49,604	-
Other**	18	70	22	18	22	-18.2
<b>Total</b>	<b>20,186,058</b>	<b>21,763,369</b>	<b>20,739,735</b>	<b>20,186,058</b>	<b>20,739,735</b>	<b>-2.7</b>

\* 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 2021.

- = No data reported.

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

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

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

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

(dollars per short ton)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>105.74</b>	<b>92.97</b>	<b>89.56</b>	<b>105.74</b>	<b>89.56</b>	<b>18.1</b>
Canada*	87.31	92.30	75.30	87.31	75.30	15.9
Dominican Republic	90.72	106.97	55.03	90.72	55.03	64.9
Guatemala	97.83	125.13	173.00	97.83	173.00	-43.5
Honduras	81.65	72.58	-	81.65	-	-
Jamaica	45.36	90.72	50.37	45.36	50.37	-9.9
Mexico	118.05	78.47	142.46	118.05	142.46	-17.1
Panama	77.11	67.92	68.18	77.11	68.18	13.1
Trinidad and Tobago	281.28	498.82	95.37	281.28	95.37	194.9
Other**	383.92	50.96	344.95	383.92	344.95	11.3
<b>South America Total</b>	<b>215.56</b>	<b>184.82</b>	<b>91.16</b>	<b>215.56</b>	<b>91.16</b>	<b>136.5</b>
Argentina	187.65	168.43	64.51	187.65	64.51	190.9
Brazil	246.93	229.20	94.67	246.93	94.67	160.8
Chile	115.30	73.17	68.30	115.30	68.30	68.8
Ecuador	51.33	33.89	-	51.33	-	-
Peru	77.21	1,607.10	78.32	77.21	78.32	-1.4
Uruguay	-	-	58.32	-	58.32	-
Other**	364.40	259.82	768.50	364.40	768.50	-52.6
<b>Europe Total</b>	<b>228.86</b>	<b>192.51</b>	<b>101.97</b>	<b>228.86</b>	<b>101.97</b>	<b>124.4</b>
Austria	352.11	193.12	100.60	352.11	100.60	250.0
Belgium	233.06	199.28	122.62	233.06	122.62	90.1
Croatia	245.28	308.01	134.06	245.28	134.06	83.0
Denmark (Except Greenland)	58.06	-	343.63	58.06	343.63	-83.1
Finland	296.36	202.30	91.63	296.36	91.63	223.4
France	310.23	255.31	90.77	310.23	90.77	241.8
Germany, Federal Republic of	181.42	138.62	80.05	181.42	80.05	126.6
Italy	337.23	328.52	116.60	337.23	116.60	189.2
Netherlands	186.05	144.14	77.34	186.05	77.34	140.6
Poland	306.52	256.63	107.08	306.52	107.08	186.3
Romania	171.72	276.52	80.89	171.72	80.89	112.3
Slovakia	-	-	115.00	-	115.00	-
Spain	221.98	179.91	137.17	221.98	137.17	61.8
Sweden	275.04	167.72	93.48	275.04	93.48	194.2
Switzerland	-	-	108.86	-	108.86	-
Turkey	229.72	222.64	131.79	229.72	131.79	74.3
Ukraine	324.98	245.67	129.89	324.98	129.89	150.2
United Kingdom	124.07	144.02	111.22	124.07	111.22	11.6
Other**	272.48	644.11	160.77	272.48	160.77	69.5
<b>Asia Total</b>	<b>164.28</b>	<b>155.53</b>	<b>82.96</b>	<b>164.28</b>	<b>82.96</b>	<b>98.0</b>
China	344.22	268.41	135.99	344.22	135.99	153.1
India	190.56	140.08	64.46	190.56	64.46	195.6
Japan	125.49	100.98	86.37	125.49	86.37	45.3
Jordan	-	247.27	-	-	-	-
Pakistan	594.62	62.43	-	594.62	-	-
South Korea (Republic of Korea)	85.96	59.52	42.70	85.96	42.70	101.3
Other**	72.89	313.54	448.44	72.89	448.44	-83.7
<b>Australia and Oceania Total</b>	<b>306.32</b>	<b>300.41</b>	<b>-</b>	<b>306.32</b>	<b>-</b>	<b>-</b>
Other**	306.32	300.41	-	306.32	-	-
<b>Africa Total</b>	<b>88.15</b>	<b>79.20</b>	<b>70.87</b>	<b>88.15</b>	<b>70.87</b>	<b>24.4</b>
Egypt	80.60	72.37	69.87	80.60	69.87	15.4
Ghana	-	-	63.50	-	63.50	-
Morocco	68.17	70.57	63.50	68.17	63.50	7.4
South Africa	305.93	365.39	136.08	305.93	136.08	124.8

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Togo	-	-	63.50	-	63.50	-
Other**	1,006.11	241.01	241.14	1,006.11	241.14	317.2
<b>Total</b>	<b>184.49</b>	<b>159.38</b>	<b>88.81</b>	<b>184.49</b>	<b>88.81</b>	<b>107.7</b>

\* 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 2021.

- = No data reported.

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

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

**Table 9. U.S. steam coal exports**

(short tons)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>611,672</b>	<b>854,111</b>	<b>972,870</b>	<b>611,672</b>	<b>972,870</b>	<b>-37.1</b>
Canada*	210,243	472,867	321,515	210,243	321,515	-34.6
Dominican Republic	53,356	60,848	381,143	53,356	381,143	-86.0
Guatemala	122,060	100,258	134,746	122,060	134,746	-9.4
Honduras	36,375	58,457	-	36,375	-	-
Jamaica	35,358	36,375	36,482	35,358	36,482	-3.1
Mexico	139,531	124,981	98,789	139,531	98,789	41.2
Panama	14,700	106	132	14,700	132	NM
Trinidad and Tobago	23	22	21	23	21	9.5
Other**	26	197	42	26	42	-38.1
<b>South America Total</b>	<b>455,402</b>	<b>674,848</b>	<b>343,838</b>	<b>455,402</b>	<b>343,838</b>	<b>32.4</b>
Argentina	46	22	20	46	20	130.0
Brazil	114,192	171,545	143,789	114,192	143,789	-20.6
Chile	235,431	466,611	108,408	235,431	108,408	117.2
Ecuador	32,849	36,382	-	32,849	-	-
Peru	72,814	127	34,971	72,814	34,971	108.2
Uruguay	-	-	56,630	-	56,630	-
Other**	70	161	20	70	20	250.0
<b>Europe Total</b>	<b>2,698,152</b>	<b>2,094,912</b>	<b>1,523,883</b>	<b>2,698,152</b>	<b>1,523,883</b>	<b>77.1</b>
Belgium	2	-	45	2	45	-95.6
Croatia	173,228	-	-	173,228	-	-
Denmark (Except Greenland)	32,524	-	29,101	32,524	29,101	11.8
Finland	-	-	1	-	1	-
France	-	-	86,272	-	86,272	-
Germany, Federal Republic of	612,145	174,430	273,641	612,145	273,641	123.7
Italy	43	10,726	28,531	43	28,531	-99.8
Netherlands	1,231,038	1,245,992	898,582	1,231,038	898,582	37.0
Poland	58,173	-	91,040	58,173	91,040	-36.1
Romania	86,180	-	42,439	86,180	42,439	103.1
Spain	146,011	70,895	1,156	146,011	1,156	NM
Turkey	119,601	86,602	-	119,601	-	-
Ukraine	-	245,754	-	-	-	-
United Kingdom	239,118	260,478	73,000	239,118	73,000	227.6
Other**	89	35	75	89	75	18.7
<b>Asia Total</b>	<b>4,579,413</b>	<b>5,405,531</b>	<b>6,623,785</b>	<b>4,579,413</b>	<b>6,623,785</b>	<b>-30.9</b>
China	76	138,104	465,626	76	465,626	-100.0
India	2,073,595	2,103,830	4,100,805	2,073,595	4,100,805	-49.4
Japan	1,298,946	1,768,668	793,764	1,298,946	793,764	63.6
Jordan	-	22	-	-	-	-
Pakistan	21	120,545	-	21	-	-
South Korea (Republic of Korea)	1,131,554	1,272,220	1,261,571	1,131,554	1,261,571	-10.3
Other**	75,221	2,142	2,019	75,221	2,019	NM
<b>Australia and Oceania Total</b>	<b>253</b>	<b>323</b>	<b>-</b>	<b>253</b>	<b>-</b>	<b>-</b>
Other**	253	323	-	253	-	-
<b>Africa Total</b>	<b>1,365,097</b>	<b>1,047,987</b>	<b>972,443</b>	<b>1,365,097</b>	<b>972,443</b>	<b>40.4</b>
Egypt	694,404	306,853	565,421	694,404	565,421	22.8
Ghana	-	-	17,747	-	17,747	-
Morocco	670,675	741,035	339,649	670,675	339,649	97.5
South Africa	-	29	-	-	-	-
Togo	-	-	49,604	-	49,604	-
Other**	18	70	22	18	22	-18.2
<b>Total</b>	<b>9,709,989</b>	<b>10,077,712</b>	<b>10,436,819</b>	<b>9,709,989</b>	<b>10,436,819</b>	<b>-7.0</b>

\* 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 2021.

- = No data reported.

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

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

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



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

(dollars per short ton)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>76.53</b>	<b>83.59</b>	<b>88.96</b>	<b>76.53</b>	<b>88.96</b>	<b>-14.0</b>
Canada*	74.82	78.02	69.70	74.82	69.70	7.3
Dominican Republic	90.72	106.95	55.03	90.72	55.03	64.9
Guatemala	97.83	128.05	173.00	97.83	173.00	-43.5
Honduras	81.65	72.58	-	81.65	-	-
Jamaica	45.36	90.72	50.37	45.36	50.37	-9.9
Mexico	61.45	60.67	182.00	61.45	182.00	-66.2
Panama	77.11	67.92	68.18	77.11	68.18	13.1
Trinidad and Tobago	417.30	498.82	404.00	417.30	404.00	3.3
Other**	383.92	50.96	344.95	383.92	344.95	11.3
<b>South America Total</b>	<b>105.37</b>	<b>76.43</b>	<b>66.52</b>	<b>105.37</b>	<b>66.52</b>	<b>58.4</b>
Argentina	290.30	297.82	306.15	290.30	306.15	-5.2
Brazil	118.17	92.99	65.42	118.17	65.42	80.6
Chile	115.30	73.17	68.30	115.30	68.30	68.8
Ecuador	51.33	33.89	-	51.33	-	-
Peru	77.21	1,607.10	78.32	77.21	78.32	-1.4
Uruguay	-	-	58.32	-	58.32	-
Other**	364.40	259.82	768.50	364.40	768.50	-52.6
<b>Europe Total</b>	<b>85.51</b>	<b>72.65</b>	<b>69.10</b>	<b>85.51</b>	<b>69.10</b>	<b>23.7</b>
Belgium	4,961.00	-	572.31	4,961.00	572.31	NM
Croatia	64.56	-	-	64.56	-	-
Denmark (Except Greenland)	58.06	-	343.63	58.06	343.63	-83.1
Finland	-	-	3,762.00	-	3,762.00	-
France	-	-	63.50	-	63.50	-
Germany, Federal Republic of	104.31	67.64	54.02	104.31	54.02	93.1
Italy	602.40	142.55	123.58	602.40	123.58	387.5
Netherlands	81.14	75.03	57.63	81.14	57.63	40.8
Poland	90.72	-	95.49	90.72	95.49	-5.0
Romania	51.34	-	63.50	51.34	63.50	-19.1
Spain	94.01	59.04	261.00	94.01	261.00	-64.0
Turkey	110.03	90.72	-	110.03	-	-
Ukraine	-	47.45	-	-	-	-
United Kingdom	72.06	83.10	108.96	72.06	108.96	-33.9
Other**	638.11	644.11	638.60	638.11	638.60	-0.1
<b>Asia Total</b>	<b>64.06</b>	<b>62.10</b>	<b>56.61</b>	<b>64.06</b>	<b>56.61</b>	<b>13.2</b>
China	492.75	168.23	90.95	492.75	90.95	441.8
India	81.42	73.53	59.60	81.42	59.60	36.6
Japan	59.57	58.29	58.80	59.57	58.80	1.3
Jordan	-	247.27	-	-	-	-
Pakistan	594.62	62.43	-	594.62	-	-
South Korea (Republic of Korea)	36.78	36.52	32.18	36.78	32.18	14.3
Other**	72.89	313.54	448.44	72.89	448.44	-83.7
<b>Australia and Oceania Total</b>	<b>306.32</b>	<b>316.60</b>	<b>-</b>	<b>306.32</b>	<b>-</b>	<b>-</b>
Other**	306.32	316.60	-	306.32	-	-
<b>Africa Total</b>	<b>71.90</b>	<b>71.18</b>	<b>67.21</b>	<b>71.90</b>	<b>67.21</b>	<b>7.0</b>
Egypt	75.48	72.37	69.87	75.48	69.87	8.0
Ghana	-	-	63.50	-	63.50	-
Morocco	68.17	70.57	63.50	68.17	63.50	7.4
South Africa	-	2,714.10	-	-	-	-
Togo	-	-	63.50	-	63.50	-
Other**	1,006.11	241.01	241.14	1,006.11	241.14	317.2
<b>Total</b>	<b>73.85</b>	<b>68.03</b>	<b>62.76</b>	<b>73.85</b>	<b>62.76</b>	<b>17.7</b>

\* 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 2021.

- = No data reported.

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

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

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

**Table 11. U.S. metallurgical coal exports**

(short tons)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>322,676</b>	<b>1,103,496</b>	<b>366,860</b>	<b>322,676</b>	<b>366,860</b>	<b>-12.0</b>
Canada*	212,136	1,058,099	208,247	212,136	208,247	1.9
Dominican Republic	-	41	-	-	-	-
Guatemala	-	14,720	-	-	-	-
Mexico	49,913	30,636	100,736	49,913	100,736	-50.5
Trinidad and Tobago	60,627	-	57,877	60,627	57,877	4.8
<b>South America Total</b>	<b>1,279,101</b>	<b>1,147,599</b>	<b>1,649,306</b>	<b>1,279,101</b>	<b>1,649,306</b>	<b>-22.4</b>
Argentina	78,348	18,850	50,014	78,348	50,014	56.7
Brazil	1,200,753	1,128,749	1,599,292	1,200,753	1,599,292	-24.9
<b>Europe Total</b>	<b>4,865,137</b>	<b>4,263,666</b>	<b>4,182,575</b>	<b>4,865,137</b>	<b>4,182,575</b>	<b>16.3</b>
Austria	229,107	371,556	287,457	229,107	287,457	-20.3
Belgium	86,941	148,878	78,712	86,941	78,712	10.5
Croatia	361,009	272,470	373,326	361,009	373,326	-3.3
Finland	156,777	193,874	143,300	156,777	143,300	9.4
France	313,706	201,693	176,267	313,706	176,267	78.0
Germany, Federal Republic of	230,173	340,166	236,126	230,173	236,126	-2.5
Italy	509,108	206,553	244,181	509,108	244,181	108.5
Netherlands	1,278,194	877,532	905,626	1,278,194	905,626	41.1
Poland	327,791	338,601	189,281	327,791	189,281	73.2
Romania	71,951	44,150	12,205	71,951	12,205	489.5
Slovakia	-	-	55,336	-	55,336	-
Spain	335,922	157,857	135,260	335,922	135,260	148.4
Sweden	88,397	81,651	75,067	88,397	75,067	17.8
Switzerland	-	-	87,510	-	87,510	-
Turkey	306,881	165,285	271,530	306,881	271,530	13.0
Ukraine	422,859	658,531	645,451	422,859	645,451	-34.5
United Kingdom	133,380	204,869	250,505	133,380	250,505	-46.8
Other**	12,941	-	15,435	12,941	15,435	-16.2
<b>Asia Total</b>	<b>3,866,568</b>	<b>5,141,274</b>	<b>4,049,611</b>	<b>3,866,568</b>	<b>4,049,611</b>	<b>-4.5</b>
China	582,033	2,939,441	2,249,874	582,033	2,249,874	-74.1
India	1,910,971	1,017,335	787,685	1,910,971	787,685	142.6
Japan	1,113,502	1,062,362	790,120	1,113,502	790,120	40.9
South Korea (Republic of Korea)	260,062	122,136	221,932	260,062	221,932	17.2
<b>Australia and Oceania Total</b>	<b>-</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other**	-	30	-	-	-	-
<b>Africa Total</b>	<b>142,587</b>	<b>29,592</b>	<b>54,564</b>	<b>142,587</b>	<b>54,564</b>	<b>161.3</b>
Egypt	55,116	-	-	55,116	-	-
South Africa	87,471	29,592	54,564	87,471	54,564	60.3
<b>Total</b>	<b>10,476,069</b>	<b>11,685,657</b>	<b>10,302,916</b>	<b>10,476,069</b>	<b>10,302,916</b>	<b>1.7</b>

\* 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 2021.

- = No data reported.

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

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

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

(dollars per short ton)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>161.12</b>	<b>100.23</b>	<b>91.14</b>	<b>161.12</b>	<b>91.14</b>	<b>76.8</b>
Canada*	99.70	98.69	83.93	99.70	83.93	18.8
Dominican Republic	-	128.32	-	-	-	-
Guatemala	-	105.24	-	-	-	-
Mexico	276.25	151.11	103.68	276.25	103.68	166.4
Trinidad and Tobago	281.23	-	95.25	281.23	95.25	195.3
<b>South America Total</b>	<b>254.79</b>	<b>248.56</b>	<b>96.30</b>	<b>254.79</b>	<b>96.30</b>	<b>164.6</b>
Argentina	187.59	168.28	64.41	187.59	64.41	191.2
Brazil	259.17	249.90	97.30	259.17	97.30	166.4
<b>Europe Total</b>	<b>308.36</b>	<b>251.40</b>	<b>113.95</b>	<b>308.36</b>	<b>113.95</b>	<b>170.6</b>
Austria	352.11	193.12	100.60	352.11	100.60	250.0
Belgium	232.95	199.28	122.37	232.95	122.37	90.4
Croatia	331.99	308.01	134.06	331.99	134.06	147.6
Finland	296.36	202.30	91.61	296.36	91.61	223.5
France	310.23	255.31	104.12	310.23	104.12	198.0
Germany, Federal Republic of	386.50	175.01	110.23	386.50	110.23	250.6
Italy	337.21	338.18	115.79	337.21	115.79	191.2
Netherlands	287.09	242.25	96.90	287.09	96.90	196.3
Poland	344.81	256.63	112.66	344.81	112.66	206.1
Romania	315.90	276.52	141.34	315.90	141.34	123.5
Slovakia	-	-	115.00	-	115.00	-
Spain	277.61	234.20	136.11	277.61	136.11	104.0
Sweden	275.04	167.72	93.48	275.04	93.48	194.2
Switzerland	-	-	108.86	-	108.86	-
Turkey	276.37	291.77	131.79	276.37	131.79	109.7
Ukraine	324.98	319.65	129.89	324.98	129.89	150.2
United Kingdom	217.33	221.47	111.88	217.33	111.88	94.3
Other**	269.97	-	158.45	269.97	158.45	70.4
<b>Asia Total</b>	<b>282.99</b>	<b>253.76</b>	<b>126.07</b>	<b>282.99</b>	<b>126.07</b>	<b>124.5</b>
China	344.20	273.12	145.31	344.20	145.31	136.9
India	308.99	277.70	89.77	308.99	89.77	244.2
Japan	202.38	172.05	114.07	202.38	114.07	77.4
South Korea (Republic of Korea)	299.98	299.06	102.52	299.98	102.52	192.6
<b>Australia and Oceania Total</b>	<b>-</b>	<b>126.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other**	-	126.00	-	-	-	-
<b>Africa Total</b>	<b>243.78</b>	<b>363.09</b>	<b>136.08</b>	<b>243.78</b>	<b>136.08</b>	<b>79.1</b>
Egypt	145.15	-	-	145.15	-	-
South Africa	305.93	363.09	136.08	305.93	136.08	124.8
<b>Total</b>	<b>287.04</b>	<b>238.17</b>	<b>115.19</b>	<b>287.04</b>	<b>115.19</b>	<b>149.2</b>

\* 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 2021.

- = No data reported.

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

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

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

(short tons)

Customs district	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Eastern Total</b>	<b>12,442,934</b>	<b>12,793,532</b>	<b>12,467,502</b>	<b>12,442,934</b>	<b>12,467,502</b>	<b>-0.2</b>
Baltimore, MD	4,422,504	4,450,354	5,431,262	4,422,504	5,431,262	-18.6
Buffalo, NY	154,608	646,319	158,453	154,608	158,453	-2.4
New York City, NY	1,787	3,400	1,442	1,787	1,442	23.9
Norfolk, VA	7,787,174	7,642,267	6,816,850	7,787,174	6,816,850	14.2
Ogdensburg, NY	76,723	42,160	59,447	76,723	59,447	29.1
Philadelphia, PA	93	8,844	20	93	20	365.0
Portland, ME	-	28	28	-	28	-
St. Albans, VT	45	160	-	45	-	-
<b>Southern Total</b>	<b>5,241,522</b>	<b>5,350,695</b>	<b>6,026,738</b>	<b>5,241,522</b>	<b>6,026,738</b>	<b>-13.0</b>
Charleston, SC	-	17	38	-	38	-
Dallas/Fort Worth, TX	-	6	-	-	-	-
El Paso, TX	35,721	58,472	25,614	35,721	25,614	39.5
Houston-Galveston, TX	283,406	314,912	65,267	283,406	65,267	334.2
Laredo, TX	65,126	43,582	3,363	65,126	3,363	NM
Miami, FL	185	215	62	185	62	198.4
Mobile, AL	2,078,448	2,171,999	2,856,870	2,078,448	2,856,870	-27.2
New Orleans, LA	2,777,880	2,761,471	3,075,490	2,777,880	3,075,490	-9.7
San Juan, PR	3	-	-	3	-	-
Savannah, GA	235	21	34	235	34	NM
Tampa, FL	518	-	-	518	-	-
<b>Western Total</b>	<b>2,433,447</b>	<b>3,104,126</b>	<b>2,184,644</b>	<b>2,433,447</b>	<b>2,184,644</b>	<b>11.4</b>
Great Falls, MT	227	350	592	227	592	-61.7
Honolulu, HI	41	-	-	41	-	-
Los Angeles, CA	228,850	366,014	186,110	228,850	186,110	23.0
Nogales, AZ	2,599	23,196	35	2,599	35	NM
San Diego, CA	76	53	29	76	29	162.1
San Francisco, CA	583,878	782,664	509,925	583,878	509,925	14.5
Seattle, WA	1,617,776	1,931,849	1,487,953	1,617,776	1,487,953	8.7
<b>Northern Total</b>	<b>65,320</b>	<b>511,568</b>	<b>58,497</b>	<b>65,320</b>	<b>58,497</b>	<b>11.7</b>
Chicago, IL	-	-	54	-	54	-
Cleveland, OH	57,490	437,452	48,859	57,490	48,859	17.7
Detroit, MI	4,801	6,819	4,547	4,801	4,547	5.6
Duluth, MN	24	-	-	24	-	-
Minneapolis, MN	-	65,002	-	-	-	-
Pembina, ND	3,005	2,295	5,037	3,005	5,037	-40.3
<b>Other Ports</b>	<b>2,835</b>	<b>3,448</b>	<b>2,354</b>	<b>2,835</b>	<b>2,354</b>	<b>20.4</b>
<b>Total</b>	<b>20,186,058</b>	<b>21,763,369</b>	<b>20,739,735</b>	<b>20,186,058</b>	<b>20,739,735</b>	<b>-2.7</b>

- = No data reported.

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

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

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

**Table 14. Steam coal exports by customs district**

(short tons)

Customs district	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Eastern Total</b>	<b>3,521,471</b>	<b>3,341,770</b>	<b>4,447,625</b>	<b>3,521,471</b>	<b>4,447,625</b>	<b>-20.8</b>
Baltimore, MD	2,581,756	2,686,462	3,681,607	2,581,756	3,681,607	-29.9
Buffalo, NY	2,355	1,895	1,058	2,355	1,058	122.6
New York City, NY	1,787	3,400	1,442	1,787	1,442	23.9
Norfolk, VA	860,999	600,489	706,016	860,999	706,016	22.0
Ogdensburg, NY	74,457	40,618	57,454	74,457	57,454	29.6
Philadelphia, PA	93	8,844	20	93	20	365.0
Portland, ME	-	28	28	-	28	-
St. Albans, VT	24	34	-	24	-	-
<b>Southern Total</b>	<b>3,744,512</b>	<b>3,528,886</b>	<b>3,792,558</b>	<b>3,744,512</b>	<b>3,792,558</b>	<b>-1.3</b>
Charleston, SC	-	-	21	-	21	-
Dallas/Fort Worth, TX	-	6	-	-	-	-
El Paso, TX	35,721	58,472	25,614	35,721	25,614	39.5
Houston-Galveston, TX	283,406	300,192	65,267	283,406	65,267	334.2
Laredo, TX	64,760	43,260	2,620	64,760	2,620	NM
Miami, FL	185	174	62	185	62	198.4
Mobile, AL	594,745	365,290	638,885	594,745	638,885	-6.9
New Orleans, LA	2,764,939	2,761,471	3,060,055	2,764,939	3,060,055	-9.6
San Juan, PR	3	-	-	3	-	-
Savannah, GA	235	21	34	235	34	NM
Tampa, FL	518	-	-	518	-	-
<b>Western Total</b>	<b>2,433,447</b>	<b>3,104,047</b>	<b>2,184,644</b>	<b>2,433,447</b>	<b>2,184,644</b>	<b>11.4</b>
Great Falls, MT	227	350	592	227	592	-61.7
Honolulu, HI	41	-	-	41	-	-
Los Angeles, CA	228,850	365,935	186,110	228,850	186,110	23.0
Nogales, AZ	2,599	23,196	35	2,599	35	NM
San Diego, CA	76	53	29	76	29	162.1
San Francisco, CA	583,878	782,664	509,925	583,878	509,925	14.5
Seattle, WA	1,617,776	1,931,849	1,487,953	1,617,776	1,487,953	8.7
<b>Northern Total</b>	<b>7,724</b>	<b>99,561</b>	<b>9,638</b>	<b>7,724</b>	<b>9,638</b>	<b>-19.9</b>
Chicago, IL	-	-	54	-	54	-
Cleveland, OH	-	25,445	-	-	-	-
Detroit, MI	4,695	6,819	4,547	4,695	4,547	3.3
Duluth, MN	24	-	-	24	-	-
Minneapolis, MN	-	65,002	-	-	-	-
Pembina, ND	3,005	2,295	5,037	3,005	5,037	-40.3
<b>Other Ports</b>	<b>2,835</b>	<b>3,448</b>	<b>2,354</b>	<b>2,835</b>	<b>2,354</b>	<b>20.4</b>
<b>Total</b>	<b>9,709,989</b>	<b>10,077,712</b>	<b>10,436,819</b>	<b>9,709,989</b>	<b>10,436,819</b>	<b>-7.0</b>

- = No data reported.

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

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

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

**Table 15. Metallurgical coal exports by customs district**

(short tons)

Customs district	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Eastern Total</b>	<b>8,921,463</b>	<b>9,451,762</b>	<b>8,019,877</b>	<b>8,921,463</b>	<b>8,019,877</b>	<b>11.2</b>
Baltimore, MD	1,840,748	1,763,892	1,749,655	1,840,748	1,749,655	5.2
Buffalo, NY	152,253	644,424	157,395	152,253	157,395	-3.3
Norfolk, VA	6,926,175	7,041,778	6,110,834	6,926,175	6,110,834	13.3
Ogdensburg, NY	2,266	1,542	1,993	2,266	1,993	13.7
St. Albans, VT	21	126	-	21	-	-
<b>Southern Total</b>	<b>1,497,010</b>	<b>1,821,809</b>	<b>2,234,180</b>	<b>1,497,010</b>	<b>2,234,180</b>	<b>-33.0</b>
Charleston, SC	-	17	17	-	17	-
Houston-Galveston, TX	-	14,720	-	-	-	-
Laredo, TX	366	322	743	366	743	-50.7
Miami, FL	-	41	-	-	-	-
Mobile, AL	1,483,703	1,806,709	2,217,985	1,483,703	2,217,985	-33.1
New Orleans, LA	12,941	-	15,435	12,941	15,435	-16.2
<b>Western Total</b>	<b>-</b>	<b>79</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Los Angeles, CA	-	79	-	-	-	-
<b>Northern Total</b>	<b>57,596</b>	<b>412,007</b>	<b>48,859</b>	<b>57,596</b>	<b>48,859</b>	<b>17.9</b>
Cleveland, OH	57,490	412,007	48,859	57,490	48,859	17.7
Detroit, MI	106	-	-	106	-	-
<b>Total</b>	<b>10,476,069</b>	<b>11,685,657</b>	<b>10,302,916</b>	<b>10,476,069</b>	<b>10,302,916</b>	<b>1.7</b>

- = No data reported.

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

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

**Table 16. U.S. coke exports**

(short tons)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>246,320</b>	<b>469,640</b>	<b>146,950</b>	<b>246,320</b>	<b>146,950</b>	<b>67.6</b>
Canada*	179,541	375,417	137,368	179,541	137,368	30.7
Mexico	66,600	93,982	9,463	66,600	9,463	NM
Other**	179	241	119	179	119	50.4
<b>South America Total</b>	<b>34,785</b>	<b>70,496</b>	<b>47,140</b>	<b>34,785</b>	<b>47,140</b>	<b>-26.2</b>
Brazil	34,723	70,476	47,140	34,723	47,140	-26.3
Other**	62	20	-	62	-	-
<b>Europe Total</b>	<b>244,624</b>	<b>127,258</b>	<b>23,397</b>	<b>244,624</b>	<b>23,397</b>	<b>NM</b>
Netherlands	103,066	81,622	-	103,066	-	-
Other**	141,558	11,174	234	141,558	234	NM
United Kingdom	-	34,462	23,163	-	23,163	-
<b>Asia Total</b>	<b>200</b>	<b>255</b>	<b>158</b>	<b>200</b>	<b>158</b>	<b>26.6</b>
Other**	200	255	158	200	158	26.6
<b>Australia and Oceania Total</b>	<b>225</b>	<b>420</b>	<b>175</b>	<b>225</b>	<b>175</b>	<b>28.6</b>
Other**	225	420	175	225	175	28.6
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>35,414</b>	<b>-</b>	<b>35,414</b>	<b>-</b>
South Africa	-	-	35,414	-	35,414	-
<b>Total</b>	<b>526,154</b>	<b>668,069</b>	<b>253,234</b>	<b>526,154</b>	<b>253,234</b>	<b>107.8</b>

\* 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 2021.

- = No data reported.

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

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

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



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

(dollars per short ton)

Continent and country of destination	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>350.94</b>	<b>283.61</b>	<b>276.65</b>	<b>350.94</b>	<b>276.65</b>	<b>26.9</b>
Canada*	327.37	256.53	269.58	327.37	269.58	21.4
Mexico	413.57	390.95	374.72	413.57	374.72	10.4
Other**	680.17	618.51	641.29	680.17	641.29	6.1
<b>South America Total</b>	<b>272.37</b>	<b>71.61</b>	<b>281.95</b>	<b>272.37</b>	<b>281.95</b>	<b>-3.4</b>
Brazil	272.15	71.45	281.95	272.15	281.95	-3.5
Other**	392.79	639.85	-	392.79	-	-
<b>Europe Total</b>	<b>191.50</b>	<b>140.21</b>	<b>273.34</b>	<b>191.50</b>	<b>273.34</b>	<b>-29.9</b>
Netherlands	218.79	90.72	-	218.79	-	-
Other**	171.62	94.77	390.97	171.62	390.97	-56.1
United Kingdom	-	272.15	272.15	-	272.15	-
<b>Asia Total</b>	<b>867.10</b>	<b>516.55</b>	<b>1,022.15</b>	<b>867.10</b>	<b>1,022.15</b>	<b>-15.2</b>
Other**	867.10	516.55	1,022.15	867.10	1,022.15	-15.2
<b>Australia and Oceania Total</b>	<b>174.01</b>	<b>494.15</b>	<b>556.23</b>	<b>174.01</b>	<b>556.23</b>	<b>-68.7</b>
Other**	174.01	494.15	556.23	174.01	556.23	-68.7
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>294.84</b>	<b>-</b>	<b>294.84</b>	<b>-</b>
South Africa	-	-	294.84	-	294.84	-
<b>Total</b>	<b>271.74</b>	<b>234.15</b>	<b>280.53</b>	<b>271.74</b>	<b>280.53</b>	<b>-3.1</b>

\* 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 2021.

- = No data reported.

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

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

**Table 18. U.S. coal imports**

(short tons)

Continent and country of origin	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>333,665</b>	<b>263,547</b>	<b>150,434</b>	<b>333,665</b>	<b>150,434</b>	<b>121.8</b>
Canada	333,641	263,514	150,434	333,641	150,434	121.8
Mexico	24	33	-	24	-	-
<b>South America Total</b>	<b>895,327</b>	<b>1,123,637</b>	<b>765,421</b>	<b>895,327</b>	<b>765,421</b>	<b>17.0</b>
Colombia	895,327	1,123,637	765,421	895,327	765,421	17.0
<b>Europe Total</b>	<b>402</b>	<b>59,845</b>	<b>27,217</b>	<b>402</b>	<b>27,217</b>	<b>-98.5</b>
France	402	-	-	402	-	-
Germany, Federal Republic of	-	424	401	-	401	-
Russia	-	59,394	26,816	-	26,816	-
United Kingdom	-	27	-	-	-	-
<b>Asia Total</b>	<b>92,270</b>	<b>203,266</b>	<b>130,694</b>	<b>92,270</b>	<b>130,694</b>	<b>-29.4</b>
China	30,302	47,927	16,447	30,302	16,447	84.2
Indonesia	61,968	155,339	114,247	61,968	114,247	-45.8
<b>Total</b>	<b>1,321,664</b>	<b>1,650,295</b>	<b>1,073,766</b>	<b>1,321,664</b>	<b>1,073,766</b>	<b>23.1</b>

- = No data reported.

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

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

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

(dollars per short ton)

Continent and country of origin	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>113.80</b>	<b>246.24</b>	<b>114.46</b>	<b>113.80</b>	<b>114.46</b>	<b>-0.6</b>
Canada	113.78	246.21	114.46	113.78	114.46	-0.6
Mexico	446.63	465.85	-	446.63	-	-
<b>South America Total</b>	<b>75.51</b>	<b>81.33</b>	<b>60.06</b>	<b>75.51</b>	<b>60.06</b>	<b>25.7</b>
Colombia	75.51	81.33	60.06	75.51	60.06	25.7
<b>Europe Total</b>	<b>75.00</b>	<b>167.27</b>	<b>116.19</b>	<b>75.00</b>	<b>116.19</b>	<b>-35.5</b>
France	75.00	-	-	75.00	-	-
Germany, Federal Republic of	-	110.49	74.78	-	74.78	-
Russia	-	167.57	116.81	-	116.81	-
United Kingdom	-	413.15	-	-	-	-
<b>Asia Total</b>	<b>94.42</b>	<b>77.20</b>	<b>80.22</b>	<b>94.42</b>	<b>80.22</b>	<b>17.7</b>
China	155.04	107.28	187.53	155.04	187.53	-17.3
Indonesia	64.77	67.93	64.77	64.77	64.77	s
<b>U.S. Total*</b>	<b>86.50</b>	<b>110.28</b>	<b>71.56</b>	<b>86.50</b>	<b>71.56</b>	<b>20.9</b>

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

- = No data reported.

s = Absolute percentage less than 0.05.

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

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

**Table 20. Coal imports by customs district**

(short tons)

Customs district	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Eastern Total</b>	<b>501</b>	<b>42,467</b>	<b>69</b>	<b>501</b>	<b>69</b>	<b>NM</b>
Boston, MA	402	-	-	402	-	-
Buffalo, NY	78	15	69	78	69	13.0
Ogdensburg, NY	-	13	-	-	-	-
Portland, ME	-	42,439	-	-	-	-
St. Albans, VT	21	-	-	21	-	-
<b>Southern Total</b>	<b>925,653</b>	<b>1,188,669</b>	<b>808,653</b>	<b>925,653</b>	<b>808,653</b>	<b>14.5</b>
Houston-Galveston, TX	6,520	15,037	30,118	6,520	30,118	-78.4
Laredo, TX	24	33	-	24	-	-
Miami, FL	42	117	10	42	10	320.0
Mobile, AL	560,402	596,059	344,857	560,402	344,857	62.5
New Orleans, LA	23,740	68,507	13,104	23,740	13,104	81.2
San Juan, PR	259,790	434,244	346,361	259,790	346,361	-25.0
Tampa, FL	75,135	74,672	74,203	75,135	74,203	1.3
<b>Western Total</b>	<b>375,846</b>	<b>282,735</b>	<b>211,938</b>	<b>375,846</b>	<b>211,938</b>	<b>77.3</b>
Great Falls, MT	259,338	125,385	87,787	259,338	87,787	195.4
Honolulu, HI	116,505	155,339	114,247	116,505	114,247	2.0
San Francisco, CA	-	-	31	-	31	-
Seattle, WA	3	2,011	9,873	3	9,873	-100.0
<b>Northern Total</b>	<b>19,664</b>	<b>136,424</b>	<b>53,106</b>	<b>19,664</b>	<b>53,106</b>	<b>-63.0</b>
Cleveland, OH	9	328	401	9	401	-97.8
Detroit, MI	126	118,510	30,506	126	30,506	-99.6
Duluth, MN	838	502	1,552	838	1,552	-46.0
Pembina, ND	18,691	17,084	20,647	18,691	20,647	-9.5
<b>Total</b>	<b>1,321,664</b>	<b>1,650,295</b>	<b>1,073,766</b>	<b>1,321,664</b>	<b>1,073,766</b>	<b>23.1</b>

- = No data reported.

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

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

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

**Table 21. U.S. coke imports**

(short tons)

Continent and country of origin	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>228</b>	<b>27,869</b>	<b>9,308</b>	<b>228</b>	<b>9,308</b>	<b>-97.6</b>
Canada	228	27,869	9,308	228	9,308	-97.6
<b>Europe Total</b>	<b>42</b>	<b>15,138</b>	<b>583</b>	<b>42</b>	<b>583</b>	<b>-92.8</b>
Czech Republic	-	15,138	-	-	-	-
Germany, Federal Republic of	-	-	188	-	188	-
Italy	-	-	375	-	375	-
Netherlands	21	-	-	21	-	-
United Kingdom	21	-	20	21	20	5.0
<b>Asia Total</b>	<b>814</b>	<b>1,122</b>	<b>586</b>	<b>814</b>	<b>586</b>	<b>38.9</b>
China	746	725	173	746	173	331.2
Hong Kong	-	29	25	-	25	-
India	68	44	44	68	44	54.5
Japan	-	192	344	-	344	-
Saudi Arabia	-	132	-	-	-	-
<b>Africa Total</b>	<b>7,414</b>	<b>6,004</b>	<b>5,690</b>	<b>7,414</b>	<b>5,690</b>	<b>30.3</b>
Mozambique	457	-	-	457	-	-
South Africa	6,957	6,004	5,690	6,957	5,690	22.3
<b>U.S. Total</b>	<b>8,498</b>	<b>50,133</b>	<b>16,167</b>	<b>8,498</b>	<b>16,167</b>	<b>-47.4</b>

- = 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.'

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

(dollars per short ton)

Continent and country of origin	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>North America Total</b>	<b>272.80</b>	<b>177.64</b>	<b>172.68</b>	<b>272.80</b>	<b>172.68</b>	<b>58.0</b>
Canada	272.80	177.64	172.68	272.80	172.68	58.0
<b>Europe Total</b>	<b>631.90</b>	<b>254.01</b>	<b>385.40</b>	<b>631.90</b>	<b>385.40</b>	<b>64.0</b>
Czech Republic	-	254.01	-	-	-	-
Germany, Federal Republic of	-	-	560.20	-	560.20	-
Italy	-	-	270.32	-	270.32	-
Netherlands	416.19	-	-	416.19	-	-
United Kingdom	847.62	-	900.00	847.62	900.00	-5.8
<b>Asia Total</b>	<b>1,627.35</b>	<b>1,120.42</b>	<b>507.87</b>	<b>1,627.35</b>	<b>507.87</b>	<b>220.4</b>
China	1,673.03	1,452.24	804.69	1,673.03	804.69	107.9
Hong Kong	-	1,117.10	1,038.40	-	1,038.40	-
India	1,126.19	1,083.41	522.73	1,126.19	522.73	115.4
Japan	-	297.34	318.14	-	318.14	-
Saudi Arabia	-	508.23	-	-	-	-
<b>Africa Total</b>	<b>437.74</b>	<b>492.39</b>	<b>326.67</b>	<b>437.74</b>	<b>326.67</b>	<b>34.0</b>
Mozambique	387.93	-	-	387.93	-	-
South Africa	441.01	492.39	326.67	441.01	326.67	35.0
<b>U.S. Total</b>	<b>548.22</b>	<b>259.50</b>	<b>246.70</b>	<b>548.22</b>	<b>246.70</b>	<b>122.2</b>

- = 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

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**Table 23. Coal receipts at coke plants by census division**

(thousand short tons)

Census division	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Middle Atlantic	1,494	1,375	1,283	1,494	1,283	16.5
East North Central	2,129	2,321	2,375	2,129	2,375	-10.4
South Atlantic	262	411	454	262	454	-42.3
East South Central	171	150	157	171	157	8.7
<b>U.S. Total</b>	<b>4,056</b>	<b>4,257</b>	<b>4,269</b>	<b>4,056</b>	<b>4,269</b>	<b>-5.0</b>

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

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

(dollars per short ton)

Census division	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Middle Atlantic	w	w	w	w	w	w
East North Central	201.08	147.85	127.62	201.08	127.62	57.6
South Atlantic	w	w	w	w	w	w
East South Central	w	w	w	w	w	w
<b>U.S. Total</b>	<b>185.30</b>	<b>132.60</b>	<b>117.27</b>	<b>185.30</b>	<b>117.27</b>	<b>58.0</b>

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



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

(thousand short tons and dollars per short ton)

Commodity	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Coke</b>						
Sales	1,546	1,720	1,622	1,546	1,622	-4.7
Average Price	379.03	317.54	300.13	379.03	300.13	26.3
<b>Breeze</b>						
Sales	72	118	96	72	96	-25.4
Average Price	87.12	100.86	76.82	87.12	76.82	13.4

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

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

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

(thousand short tons)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	<b>144</b>	<b>182</b>	<b>161</b>	<b>144</b>	<b>161</b>	<b>-10.6</b>
New York	27	43	64	27	64	-57.9
Pennsylvania	117	139	97	117	97	20.4
<b>East North Central</b>	<b>940</b>	<b>1,299</b>	<b>1,112</b>	<b>940</b>	<b>1,112</b>	<b>-15.5</b>
Illinois	463	478	558	463	558	-16.9
Indiana	198	378	298	198	298	-33.7
Michigan	43	139	40	43	40	6.7
Ohio	110	110	108	110	108	2.3
Wisconsin	126	195	108	126	108	16.4
<b>West North Central</b>	<b>2,973</b>	<b>2,842</b>	<b>2,764</b>	<b>2,973</b>	<b>2,764</b>	<b>7.5</b>
Iowa	526	419	451	526	451	16.6
Kansas	25	10	18	25	18	37.3
Minnesota	279	271	278	279	278	0.3
Missouri	185	241	200	185	200	-7.8
Nebraska	279	277	203	279	203	37.5
North Dakota	1,606	1,566	1,564	1,606	1,564	2.6
South Dakota	73	58	49	73	49	49.6
<b>South Atlantic</b>	<b>503</b>	<b>533</b>	<b>551</b>	<b>503</b>	<b>551</b>	<b>-8.8</b>
Florida	46	75	47	46	47	-3.7
Georgia	64	60	86	64	86	-25.9
Maryland	71	120	72	71	72	-1.3
North Carolina	108	95	105	108	105	2.6
South Carolina	33	21	44	33	44	-23.9
Virginia	123	87	106	123	106	16.4
West Virginia	57	75	91	57	91	-36.8
<b>East South Central</b>	<b>682</b>	<b>634</b>	<b>585</b>	<b>682</b>	<b>585</b>	<b>16.5</b>
Alabama	178	175	152	178	152	17.1
Kentucky	209	184	121	209	121	71.9
Mississippi	16	12	15	16	15	5.0
Tennessee	280	264	297	280	297	-5.8
<b>West South Central</b>	<b>287</b>	<b>248</b>	<b>160</b>	<b>287</b>	<b>160</b>	<b>79.9</b>
Arkansas	35	41	25	35	25	38.2
Louisiana	85	75	77	85	77	9.7
Oklahoma	89	63	25	89	25	262.7
Texas	78	69	32	78	32	142.6
<b>Mountain</b>	<b>662</b>	<b>706</b>	<b>637</b>	<b>662</b>	<b>637</b>	<b>3.9</b>
Arizona	67	62	82	67	82	-17.6
Colorado	33	42	22	33	22	51.6
Idaho	4	12	13	4	13	-65.8
Montana	50	82	47	50	47	7.2
Nevada	71	60	55	71	55	28.3
New Mexico	15	9	14	15	14	6.7
Utah	75	102	85	75	85	-12.2
Wyoming	347	337	320	347	320	8.4
<b>Pacific</b>	<b>365</b>	<b>353</b>	<b>331</b>	<b>365</b>	<b>331</b>	<b>10.3</b>
Alaska	s	s	s	s	s	s
California	329	307	288	329	288	14.5
Oregon	15	21	22	15	22	-28.4
Washington	20	25	22	20	22	-7.0
<b>U.S. Total</b>	<b>6,556</b>	<b>6,797</b>	<b>6,302</b>	<b>6,556</b>	<b>6,302</b>	<b>4.0</b>

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

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

(dollars per short ton)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	<b>103.27</b>	<b>93.47</b>	<b>86.47</b>	<b>103.27</b>	<b>86.47</b>	<b>19.4</b>
New York	w	w	w	w	w	w
Pennsylvania	w	w	w	w	w	w
<b>East North Central</b>	<b>73.56</b>	<b>72.53</b>	<b>69.83</b>	<b>73.56</b>	<b>69.83</b>	<b>5.3</b>
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
Michigan	91.07	83.33	113.08	91.07	113.08	-19.5
Ohio	118.57	99.32	103.29	118.57	103.29	14.8
Wisconsin	92.49	81.81	87.45	92.49	87.45	5.8
<b>West North Central</b>	<b>29.69</b>	<b>29.28</b>	<b>28.28</b>	<b>29.69</b>	<b>28.28</b>	<b>5.0</b>
Iowa	w	34.39	w	w	w	w
Kansas	w	w	w	w	w	w
Minnesota	51.31	50.78	49.17	51.31	49.17	4.4
Missouri	54.60	50.55	48.51	54.60	48.51	12.6
Nebraska	24.97	w	25.66	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	w	w	w	w	w	w
<b>South Atlantic</b>	<b>128.46</b>	<b>106.86</b>	<b>94.87</b>	<b>128.46</b>	<b>94.87</b>	<b>35.4</b>
Florida	144.47	120.60	w	144.47	w	w
Georgia	190.95	132.73	79.12	190.95	79.12	141.3
Maryland	w	w	w	w	w	w
North Carolina	116.47	102.12	96.68	116.47	96.68	20.5
South Carolina	105.53	113.53	108.83	105.53	108.83	-3.0
Virginia	107.04	88.49	92.51	107.04	92.51	15.7
West Virginia	w	w	w	w	w	w
<b>East South Central</b>	<b>115.02</b>	<b>103.58</b>	<b>98.07</b>	<b>115.02</b>	<b>98.07</b>	<b>17.3</b>
Alabama	w	w	w	w	w	w
Kentucky	113.15	121.78	109.66	113.15	109.66	3.2
Mississippi	w	w	w	w	w	w
Tennessee	106.01	92.88	90.17	106.01	90.17	17.6
<b>West South Central</b>	<b>75.87</b>	<b>72.94</b>	<b>71.99</b>	<b>75.87</b>	<b>71.99</b>	<b>5.4</b>
Arkansas	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w
Oklahoma	90.33	77.53	w	90.33	w	w
Texas	95.44	92.12	84.81	95.44	84.81	12.5
<b>Mountain</b>	<b>64.74</b>	<b>59.76</b>	<b>58.88</b>	<b>64.74</b>	<b>58.88</b>	<b>10.0</b>
Arizona	w	w	w	w	w	w
Colorado	w	w	w	w	w	w
Idaho	w	w	w	w	w	w
Montana	41.15	37.89	41.20	41.15	41.20	-0.1
Nevada	86.57	80.20	75.67	86.57	75.67	14.4
New Mexico	w	w	w	w	w	w
Utah	54.48	52.35	50.47	54.48	50.47	7.9
Wyoming	54.42	52.89	49.91	54.42	49.91	9.0
<b>Pacific</b>	<b>83.18</b>	<b>81.37</b>	<b>81.95</b>	<b>83.18</b>	<b>81.95</b>	<b>1.5</b>
California	83.50	81.85	82.35	83.50	82.35	1.4
Oregon	w	w	w	w	w	w
Washington	w	w	w	w	w	w
<b>U.S. Total</b>	<b>62.53</b>	<b>59.72</b>	<b>56.41</b>	<b>62.53</b>	<b>56.41</b>	<b>10.8</b>

- = 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 &amp; Institutional Coal Users.'

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

NAICS code	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
311 Food Manufacturing	1,679	1,650	1,669	1,679	1,669	0.6
312 Beverage and Tobacco Product Mfg.	3	4	5	3	5	-37.5
313 Textile Mills	6	10	13	6	13	-54.7
322 Paper Manufacturing	442	431	412	442	412	7.2
324 Petroleum and Coal Products	1,485	1,422	1,438	1,485	1,438	3.2
325 Chemical Manufacturing	750	710	757	750	757	-1.0
327 Nonmetallic Mineral Products Mfg.	1,699	1,964	1,409	1,699	1,409	20.6
331 Primary Metal Manufacturing	210	286	307	210	307	-31.8
333 Machinery Manufacturing	29	22	17	29	17	69.4
339 Miscellaneous Manufacturing	254	300	274	254	274	-7.3
<b>U.S. Total</b>	<b>6,556</b>	<b>6,797</b>	<b>6,302</b>	<b>6,556</b>	<b>6,302</b>	<b>4.0</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

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

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

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

NAICS code	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
311 Food Manufacturing	38.10	39.19	38.88	38.10	38.88	-2.0
312 Beverage and Tobacco Product Mfg.	w	w	w	w	w	w
313 Textile Mills	141.56	w	111.26	w	w	w
322 Paper Manufacturing	109.54	95.48	90.40	109.54	90.40	21.2
324 Petroleum and Coal Products	w	w	w	w	w	w
325 Chemical Manufacturing	89.96	84.69	82.27	89.96	82.27	9.3
327 Nonmetallic Mineral Products Mfg.	84.10	76.97	72.75	84.10	72.75	15.6
331 Primary Metal Manufacturing	190.14	145.74	142.21	190.14	142.21	33.7
333 Machinery Manufacturing	w	w	w	w	w	w
339 Miscellaneous Manufacturing	61.14	59.41	59.04	61.14	59.04	3.6
<b>U.S. Total</b>	<b>62.53</b>	<b>59.72</b>	<b>56.41</b>	<b>62.53</b>	<b>56.41</b>	<b>10.8</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

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

(thousand short tons)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>-69.1</b>
Pennsylvania	1	1	4	1	4	-69.1
<b>East North Central</b>	<b>49</b>	<b>35</b>	<b>51</b>	<b>49</b>	<b>51</b>	<b>-2.9</b>
Illinois	26	21	30	26	30	-12.7
Indiana	23	14	21	23	21	11.0
<b>West North Central</b>	<b>36</b>	<b>32</b>	<b>33</b>	<b>36</b>	<b>33</b>	<b>8.8</b>
Iowa	22	19	21	22	21	6.3
Minnesota	5	1	1	5	1	242.0
Missouri	4	5	5	4	5	-22.6
North Dakota	5	7	6	5	6	-9.7
<b>South Atlantic</b>	<b>9</b>	<b>15</b>	<b>23</b>	<b>9</b>	<b>23</b>	<b>-61.8</b>
North Carolina	5	11	21	5	21	-74.7
Virginia	4	4	2	4	2	69.0
<b>East South Central</b>	<b>s</b>	<b>-</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>-64.2</b>
Kentucky	s	-	s	s	s	-64.2
<b>Mountain</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>66.4</b>
Colorado	-	-	s	-	s	-
Wyoming	5	2	3	5	3	81.4
<b>Pacific</b>	<b>125</b>	<b>129</b>	<b>143</b>	<b>125</b>	<b>143</b>	<b>-12.5</b>
Alaska	125	129	143	125	143	-12.5
<b>U.S. Total</b>	<b>225</b>	<b>214</b>	<b>257</b>	<b>225</b>	<b>257</b>	<b>-12.5</b>

- = 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 &amp; Institutional Coal Users.'

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

(dollars per short ton)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	w	w	127.78	w	w	w
Pennsylvania	w	w	127.78	w	w	w
<b>East North Central</b>	58.44	53.80	57.17	58.44	57.17	2.2
Illinois	w	w	w	w	w	w
Indiana	w	w	w	w	w	w
<b>West North Central</b>	85.36	79.72	77.39	85.36	77.39	10.3
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
<b>South Atlantic</b>	141.36	136.28	w	141.36	w	w
North Carolina	w	w	w	w	w	w
Virginia	w	w	w	w	w	w
<b>East South Central</b>	w	-	w	w	w	w
Kentucky	w	-	w	w	w	w
<b>Mountain</b>	w	w	w	w	w	w
Colorado	-	-	w	-	w	-
Wyoming	w	w	w	w	w	w
<b>Pacific</b>	w	w	w	w	w	w
Alaska	w	w	w	w	w	w
<b>U.S. Total</b>	84.07	83.69	81.51	84.07	81.51	3.1

- = No data reported.

w = Data withheld to avoid disclosure.

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

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

## Consumption

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**Table 32. U.S. coal consumption by end-use sector, 2016 - 2022**

(thousand short tons)

Year and quarter	Electric power sector <sup>1</sup>	Coke plants	Other Industrial			Commercial and institutional			Total
			CHP <sup>2</sup>	Non-CHP <sup>3</sup>	Total	CHP <sup>4</sup>	Non-CHP <sup>5</sup>	Total	
<b>2016</b>									
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
<b>Total</b>	<b>678,554</b>	<b>16,485</b>	<b>14,720</b>	<b>20,129</b>	<b>34,849</b>	<b>683</b>	<b>500</b>	<b>1,183</b>	<b>731,071</b>
<b>2017</b>									
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
<b>Total</b>	<b>664,993</b>	<b>17,538</b>	<b>12,975</b>	<b>20,289</b>	<b>33,264</b>	<b>610</b>	<b>451</b>	<b>1,061</b>	<b>716,856</b>
<b>2018</b>									
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
<b>Total</b>	<b>637,217</b>	<b>18,337</b>	<b>12,233</b>	<b>19,347</b>	<b>31,580</b>	<b>577</b>	<b>395</b>	<b>972</b>	<b>688,105</b>
<b>2019</b>									
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
<b>Total</b>	<b>538,606</b>	<b>17,967</b>	<b>10,892</b>	<b>18,203</b>	<b>29,095</b>	<b>519</b>	<b>357</b>	<b>876</b>	<b>586,543</b>
<b>2020</b>									
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
<b>Total</b>	<b>435,827</b>	<b>14,414</b>	<b>9,453</b>	<b>16,207</b>	<b>25,660</b>	<b>473</b>	<b>320</b>	<b>793</b>	<b>476,693</b>
<b>2021</b>									
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
<b>Total</b>	<b>501,427</b>	<b>17,589</b>	<b>9,972</b>	<b>15,873</b>	<b>25,845</b>	<b>545</b>	<b>266</b>	<b>811</b>	<b>545,671</b>
<b>2022</b>									
January - March	122,608	4,153	2,625	4,060	6,685	124	120	244	133,690
<b>Total</b>	<b>122,608</b>	<b>4,153</b>	<b>2,625</b>	<b>4,060</b>	<b>6,685</b>	<b>124</b>	<b>120</b>	<b>244</b>	<b>133,690</b>
<b>2021 January - March</b>	<b>127,966</b>	<b>4,361</b>	<b>2,433</b>	<b>4,141</b>	<b>6,574</b>	<b>159</b>	<b>114</b>	<b>272</b>	<b>139,174</b>
<b>2020 January - March</b>	<b>97,975</b>	<b>4,276</b>	<b>2,684</b>	<b>4,385</b>	<b>7,069</b>	<b>149</b>	<b>157</b>	<b>306</b>	<b>109,626</b>

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

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

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

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

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

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

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



**Table 33. Coal carbonized at coke plants by census division**

(thousand short tons)

Census division	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Middle Atlantic	1,366	1,400	1,223	1,366	1,223	11.7
East North Central	2,261	2,401	2,524	2,261	2,524	-10.4
South Atlantic	357	405	418	357	418	-14.7
East South Central	169	167	196	169	196	-14.0
<b>U.S. Total</b>	<b>4,153</b>	<b>4,372</b>	<b>4,361</b>	<b>4,153</b>	<b>4,361</b>	<b>-4.8</b>

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

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

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

(thousand short tons)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	<b>151</b>	<b>173</b>	<b>187</b>	<b>151</b>	<b>187</b>	<b>-19.1</b>
New York	23	55	76	23	76	-69.4
Pennsylvania	128	118	111	128	111	15.3
<b>East North Central</b>	<b>1,102</b>	<b>1,138</b>	<b>1,246</b>	<b>1,102</b>	<b>1,246</b>	<b>-11.6</b>
Illinois	476	452	564	476	564	-15.6
Indiana	280	311	364	280	364	-23.1
Michigan	92	106	70	92	70	31.1
Ohio	108	113	112	108	112	-3.7
Wisconsin	146	156	137	146	137	6.9
<b>West North Central</b>	<b>3,021</b>	<b>2,847</b>	<b>2,805</b>	<b>3,021</b>	<b>2,805</b>	<b>7.7</b>
Iowa	562	403	468	562	468	20.2
Kansas	16	22	4	16	4	253.1
Minnesota	269	274	279	269	279	-3.3
Missouri	160	222	198	160	198	-19.1
Nebraska	267	271	205	267	205	30.2
North Dakota	1,689	1,604	1,599	1,689	1,599	5.6
South Dakota	57	51	52	57	52	10.2
<b>South Atlantic</b>	<b>487</b>	<b>553</b>	<b>540</b>	<b>487</b>	<b>540</b>	<b>-9.8</b>
Florida	53	76	50	53	50	5.7
Georgia	82	61	82	82	82	0.4
Maryland	76	111	69	76	69	10.2
North Carolina	107	95	101	107	101	5.8
South Carolina	19	33	39	19	39	-52.8
Virginia	94	98	112	94	112	-15.8
West Virginia	57	78	87	57	87	-35.2
<b>East South Central</b>	<b>636</b>	<b>685</b>	<b>612</b>	<b>636</b>	<b>612</b>	<b>3.8</b>
Alabama	160	178	157	160	157	1.8
Kentucky	196	188	125	196	125	56.6
Mississippi	17	22	19	17	19	-8.3
Tennessee	262	297	311	262	311	-15.7
<b>West South Central</b>	<b>257</b>	<b>248</b>	<b>180</b>	<b>257</b>	<b>180</b>	<b>43.0</b>
Arkansas	31	38	34	31	34	-9.4
Louisiana	85	76	77	85	77	9.9
Oklahoma	65	57	18	65	18	250.7
Texas	77	78	50	77	50	53.6
<b>Mountain</b>	<b>678</b>	<b>749</b>	<b>676</b>	<b>678</b>	<b>676</b>	<b>0.4</b>
Arizona	73	70	62	73	62	17.5
Colorado	26	45	22	26	22	16.9
Idaho	33	35	50	33	50	-34.0
Montana	65	95	63	65	63	3.3
Nevada	57	66	63	57	63	-10.5
New Mexico	15	10	15	15	15	-1.1
Utah	52	91	74	52	74	-29.2
Wyoming	358	337	327	358	327	9.6
<b>Pacific</b>	<b>354</b>	<b>383</b>	<b>328</b>	<b>354</b>	<b>328</b>	<b>7.8</b>
Alaska	s	s	s	s	s	s
California	315	323	286	315	286	10.4
Oregon	15	36	21	15	21	-29.5
Washington	23	23	21	23	21	9.4
<b>U.S. Total</b>	<b>6,685</b>	<b>6,776</b>	<b>6,574</b>	<b>6,685</b>	<b>6,574</b>	<b>1.7</b>

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

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

NAICS code	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
311 Food Manufacturing	1,766	1,632	1,774	1,766	1,774	-0.4
312 Beverage and Tobacco Product Mfg.	3	4	5	3	5	-34.4
313 Textile Mills	5	9	11	5	11	-57.3
322 Paper Manufacturing	443	418	442	443	442	0.2
324 Petroleum and Coal Products	1,531	1,435	1,419	1,531	1,419	7.9
325 Chemical Manufacturing	735	767	776	735	776	-5.2
327 Nonmetallic Mineral Products Mfg.	1,644	1,921	1,482	1,644	1,482	10.9
331 Primary Metal Manufacturing	266	270	367	266	367	-27.6
333 Machinery Manufacturing	20	26	21	20	21	-1.6
339 Miscellaneous Manufacturing	272	293	279	272	279	-2.4
<b>U.S. Total</b>	<b>6,685</b>	<b>6,776</b>	<b>6,574</b>	<b>6,685</b>	<b>6,574</b>	<b>1.7</b>

\* Includes coal gasification projects.

\*\* Excludes coke plants.

- = No data reported.

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

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

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

(thousand short tons)

Census division and state	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>-56.9</b>
Pennsylvania	2	1	5	2	5	-56.9
<b>East North Central</b>	<b>48</b>	<b>28</b>	<b>49</b>	<b>48</b>	<b>49</b>	<b>-2.0</b>
Illinois	25	17	28	25	28	-12.5
Indiana	24	11	21	24	21	11.9
<b>West North Central</b>	<b>41</b>	<b>34</b>	<b>45</b>	<b>41</b>	<b>45</b>	<b>-8.8</b>
Iowa	24	23	25	24	25	-4.9
Minnesota	3	1	5	3	5	-48.0
Missouri	5	5	6	5	6	-22.9
North Dakota	10	5	9	10	9	12.2
<b>South Atlantic</b>	<b>17</b>	<b>8</b>	<b>23</b>	<b>17</b>	<b>23</b>	<b>-25.2</b>
North Carolina	14	4	19	14	19	-27.3
Virginia	3	3	4	3	4	-15.2
<b>East South Central</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-37.8</b>
Kentucky	1	-	1	1	1	-37.8
<b>Mountain</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>44.3</b>
Colorado	s	-	s	s	s	-54.3
Montana	1	s	1	1	1	-29.3
Wyoming	5	2	3	5	3	81.4
<b>Pacific</b>	<b>128</b>	<b>147</b>	<b>144</b>	<b>128</b>	<b>144</b>	<b>-11.2</b>
Alaska	128	147	144	128	144	-11.2
<b>U.S. Total</b>	<b>244</b>	<b>220</b>	<b>272</b>	<b>244</b>	<b>272</b>	<b>-10.5</b>

- = 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 &amp; Institutional Coal Users.'

## Stocks

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**Table 37. U.S. coal stocks, 2016 - 2022**

(thousand short tons)

Last day of quarter	Coal consumers				Total	Coal producers and distributors	Total
	Electric power sector <sup>1</sup>	Coke plants	Other industrial <sup>2</sup>	Commercial and institutional users			
<b>2016</b>							
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
<b>2017</b>							
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
<b>2018</b>							
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
<b>2019</b>							
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
<b>2020</b>							
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
<b>2021</b>							
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
<b>2022</b>							
March 31	86,191	1,590	2,402	157	90,340	26,439*	116,779

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)

<b>Census division</b>	<b>March 31, 2022</b>	<b>December 31, 2021</b>	<b>March 31, 2021</b>	<b>Percent change (March 31) 2022 versus 2021</b>
Middle Atlantic	567	442	424	33.7
East North Central	764	886	780	-2.0
South Atlantic	159	233	196	-19.0
East South Central	99	98	145	-31.3
<b>U.S. Total</b>	<b>1,590</b>	<b>1,658</b>	<b>1,545</b>	<b>2.9</b>

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

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

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

(thousand short tons)

Census division and state	March 31, 2022	December 31, 2021	March 31, 2021	Percent change (March 31) 2022 versus 2021
<b>Middle Atlantic</b>	<b>207</b>	<b>216</b>	<b>184</b>	<b>12.3</b>
New York	61	57	50	20.9
Pennsylvania	146	159	134	9.0
<b>East North Central</b>	<b>389</b>	<b>634</b>	<b>476</b>	<b>-18.4</b>
Illinois	46	138	115	-59.9
Indiana	159	243	145	9.5
Michigan	86	138	103	-16.5
Ohio	22	19	25	-12.5
Wisconsin	76	96	88	-13.9
<b>West North Central</b>	<b>505</b>	<b>559</b>	<b>458</b>	<b>10.3</b>
Iowa	139	175	152	-9.0
Kansas	14	5	21	-32.7
Minnesota	44	34	37	17.5
Missouri	66	53	47	40.4
Nebraska	55	40	28	96.7
North Dakota	151	234	136	11.1
South Dakota	37	17	36	0.5
<b>South Atlantic</b>	<b>275</b>	<b>255</b>	<b>369</b>	<b>-25.4</b>
Florida	44	50	51	-13.3
Georgia	26	39	54	-52.4
Maryland	11	15	10	10.5
North Carolina	65	66	70	-6.8
South Carolina	50	35	48	3.2
Virginia	57	28	47	20.9
West Virginia	22	21	89	-74.8
<b>East South Central</b>	<b>192</b>	<b>150</b>	<b>199</b>	<b>-3.5</b>
Alabama	75	59	62	21.3
Kentucky	51	41	61	-16.1
Mississippi	2	3	5	-67.9
Tennessee	64	47	71	-10.0
<b>West South Central</b>	<b>253</b>	<b>226</b>	<b>251</b>	<b>0.5</b>
Arkansas	32	28	24	34.2
Louisiana	4	4	4	6.6
Oklahoma	108	84	85	27.1
Texas	108	110	139	-21.9
<b>Mountain</b>	<b>437</b>	<b>453</b>	<b>493</b>	<b>-11.4</b>
Arizona	26	32	44	-39.7
Colorado	25	17	15	67.2
Idaho	148	172	166	-11.2
Montana	22	42	56	-60.4
Nevada	30	16	46	-34.5
New Mexico	2	2	2	4.2
Utah	65	43	39	67.4
Wyoming	119	130	125	-5.3
<b>Pacific</b>	<b>145</b>	<b>128</b>	<b>123</b>	<b>17.4</b>
California	136	116	116	17.0
Oregon	6	6	2	190.2
Washington	3	5	5	-49.4
<b>U.S. Total</b>	<b>2,402</b>	<b>2,620</b>	<b>2,555</b>	<b>-6.0</b>

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 &amp; Institutional Coal Users.'



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

(thousand short tons)

NAICS code	March 31, 2022	December 31, 2021	March 31, 2021	Percent change (March 31) 2022 versus 2021
311 Food Manufacturing	470	636	531	-11.5
312 Beverage and Tobacco Product Mfg.	1	1	1	-22.1
313 Textile Mills	8	7	6	33.7
322 Paper Manufacturing	199	196	200	-0.5
324 Petroleum and Coal Products	156	203	182	-14.1
325 Chemical Manufacturing	141	118	232	-39.4
327 Nonmetallic Mineral Products Mfg.	1,153	1,118	1,137	1.4
331 Primary Metal Manufacturing	97	156	99	-2.4
333 Machinery Manufacturing	28	19	16	72.4
339 Miscellaneous Manufacturing	150	168	151	-0.7
<b>U.S. Total</b>	<b>2,402</b>	<b>2,620</b>	<b>2,555</b>	<b>-6.0</b>

\* 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 &amp; Institutional Coal Users.'

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

(thousand short tons)

Census division	March 31, 2022	December 31, 2021	March 31, 2021	Percent change (March 31) 2022 versus 2021
Middle Atlantic	13	12	46	-71.6
East North Central	417	324	299	39.4
South Atlantic	62	64	107	-42.4
East South Central	31	63	162	-81.0
<b>U.S. Total</b>	<b>522</b>	<b>464</b>	<b>614</b>	<b>-15.0</b>
<b>Coke Total</b>	<b>419</b>	<b>352</b>	<b>489</b>	<b>-14.3</b>
<b>Breeze Total</b>	<b>103</b>	<b>112</b>	<b>125</b>	<b>-17.4</b>

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

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

(thousand short tons)

Census division and state	March 31, 2022	December 31, 2021	March 31, 2021	Percent change (March 31) 2022 versus 2021
<b>Middle Atlantic</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>-5.7</b>
Pennsylvania	20	21	21	-5.7
<b>East North Central</b>	<b>25</b>	<b>25</b>	<b>23</b>	<b>11.1</b>
Illinois	22	21	21	5.2
Indiana	3	4	2	77.0
<b>West North Central</b>	<b>21</b>	<b>26</b>	<b>26</b>	<b>-20.9</b>
Iowa	12	14	17	-31.5
Minnesota	7	5	5	40.9
Missouri	-	1	-	-
North Dakota	1	6	4	-58.8
<b>South Atlantic</b>	<b>35</b>	<b>43</b>	<b>43</b>	<b>-18.4</b>
District of Columbia	3	3	3	s
North Carolina	22	31	30	-26.1
Virginia	10	10	10	s
<b>East South Central</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>-41.3</b>
Kentucky	4	4	6	-41.3
<b>Mountain</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>-2.6</b>
Colorado	s	1	s	11.1
Montana	2	3	2	-5.7
Wyoming	s	s	s	s
<b>Pacific</b>	<b>50</b>	<b>54</b>	<b>107</b>	<b>-53.4</b>
Alaska	50	54	107	-53.4
<b>U.S. Total</b>	<b>157</b>	<b>176</b>	<b>229</b>	<b>-31.4</b>

- = 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 &amp; Institutional Coal Users.'

## Quality

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

Census division and state <sup>1</sup>	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>						
Btu	14,209	14,204	14,258	14,209	14,258	-0.3
Sulfur	1.09	1.13	1.16	1.09	1.16	-6.1
Ash	7.32	7.49	7.27	7.32	7.27	0.6
<b>New York</b>						
Btu	12,716	12,698	12,743	12,716	12,743	-0.2
Sulfur	2.26	2.22	2.23	2.26	2.23	1.4
Ash	9.53	9.44	9.31	9.53	9.31	2.4
<b>Pennsylvania</b>						
Btu	14,234	14,247	14,328	14,234	14,328	-0.7
Sulfur	1.07	1.10	1.11	1.07	1.11	-3.7
Ash	7.28	7.44	7.18	7.28	7.18	1.4
<b>East North Central</b>						
Btu	13,467	13,325	13,472	13,467	13,472	s
Sulfur	1.28	1.23	1.24	1.28	1.24	3.2
Ash	7.49	7.67	7.28	7.49	7.28	2.9
<b>Illinois</b>						
Btu	12,040	11,931	11,810	12,040	11,810	2.0
Sulfur	2.47	2.51	2.12	2.47	2.12	16.7
Ash	7.63	7.66	7.45	7.63	7.45	2.5
<b>Indiana</b>						
Btu	14,176	14,014	14,198	14,176	14,198	-0.2
Sulfur	0.88	0.98	0.99	0.88	0.99	-11.5
Ash	7.49	7.62	7.47	7.49	7.47	0.3
<b>Michigan</b>						
Btu	12,847	12,937	12,887	12,847	12,887	-0.3
Sulfur	0.76	0.71	0.70	0.76	0.70	8.5
Ash	7.90	8.72	7.31	7.90	7.31	8.1
<b>Ohio</b>						
Btu	14,208	14,212	14,309	14,208	14,309	-0.7
Sulfur	1.01	1.00	0.96	1.01	0.96	5.6
Ash	7.36	7.31	6.97	7.36	6.97	5.6
<b>Wisconsin</b>						
Btu	10,763	10,732	10,904	10,763	10,904	-1.3
Sulfur	0.98	0.85	0.93	0.98	0.93	5.0
Ash	6.96	6.82	6.62	6.96	6.62	5.1
<b>West North Central</b>						
Btu	8,130	8,242	8,141	8,130	8,141	-0.1
Sulfur	0.75	0.80	0.83	0.75	0.83	-10.0
Ash	6.33	6.27	6.32	6.33	6.32	0.1
<b>Iowa</b>						
Btu	8,877	9,140	8,962	8,877	8,962	-1.0
Sulfur	0.39	0.80	0.53	0.39	0.53	-26.1
Ash	4.85	5.28	4.98	4.85	4.98	-2.7
<b>Kansas</b>						
Btu	10,470	10,740	10,540	10,470	10,540	-0.7
Sulfur	2.09	2.02	2.34	2.09	2.34	-10.8
Ash	13.18	12.01	12.83	13.18	12.83	2.7
<b>Minnesota</b>						
Btu	9,344	9,339	9,338	9,344	9,338	0.1
Sulfur	0.36	0.35	0.36	0.36	0.36	2.0
Ash	4.21	4.18	4.19	4.21	4.19	0.4
<b>Missouri</b>						
Btu	11,173	11,297	11,153	11,173	11,153	0.2
Sulfur	2.10	2.20	2.61	2.10	2.61	-19.6
Ash	8.67	8.33	8.94	8.67	8.94	-2.9
<b>Nebraska</b>						

Census division and state¹	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Btu	8,743	8,718	8,730	8,743	8,730	0.2
Sulfur	0.22	0.22	0.22	0.22	0.22	-0.4
Ash	4.55	4.53	4.62	4.55	4.62	-1.6
<b>North Dakota</b>						
Btu	7,186	7,249	7,192	7,186	7,192	-0.1
Sulfur	0.87	0.78	0.85	0.87	0.85	2.5
Ash	7.17	6.89	6.89	7.17	6.89	4.0
<b>South Dakota</b>						
Btu	8,019	8,020	8,421	8,019	8,421	-4.8
Sulfur	0.35	0.35	0.55	0.35	0.55	-36.0
Ash	5.07	5.19	6.23	5.07	6.23	-18.5
<b>South Atlantic</b>						
Btu	13,430	13,373	13,515	13,430	13,515	-0.6
Sulfur	1.10	1.15	1.02	1.10	1.02	7.9
Ash	9.02	9.56	8.76	9.02	8.76	3.0
<b>Florida</b>						
Btu	12,274	12,560	12,894	12,274	12,894	-4.8
Sulfur	2.47	2.12	1.60	2.47	1.60	54.0
Ash	10.44	9.30	10.87	10.44	10.87	-3.9
<b>Georgia</b>						
Btu	12,399	12,483	12,558	12,399	12,558	-1.3
Sulfur	0.96	0.97	0.91	0.96	0.91	4.5
Ash	10.64	10.72	9.44	10.64	9.44	12.7
<b>Maryland</b>						
Btu	11,903	11,603	12,208	11,903	12,208	-2.5
Sulfur	1.34	1.59	1.38	1.34	1.38	-3.2
Ash	18.69	20.80	17.87	18.69	17.87	4.6
<b>North Carolina</b>						
Btu	13,568	13,425	13,571	13,568	13,571	s
Sulfur	0.92	0.89	0.91	0.92	0.91	1.4
Ash	7.74	8.44	6.71	7.74	6.71	15.3
<b>South Carolina</b>						
Btu	12,691	13,056	13,078	12,691	13,078	-3.0
Sulfur	1.73	1.52	1.06	1.73	1.06	62.7
Ash	8.72	8.85	7.10	8.72	7.10	22.9
<b>Virginia</b>						
Btu	14,007	14,154	14,049	14,007	14,049	-0.3
Sulfur	0.84	0.80	0.84	0.84	0.84	0.1
Ash	7.43	7.09	7.57	7.43	7.57	-1.8
<b>West Virginia</b>						
Btu	13,865	13,705	13,649	13,865	13,649	1.6
Sulfur	1.21	1.20	1.10	1.21	1.10	9.7
Ash	7.37	7.60	8.34	7.37	8.34	-11.6
<b>East South Central</b>						
Btu	13,152	13,179	13,292	13,152	13,292	-1.1
Sulfur	1.36	1.35	1.28	1.36	1.28	6.1
Ash	7.79	7.91	7.34	7.79	7.34	6.2
<b>Alabama</b>						
Btu	13,533	13,509	13,618	13,533	13,618	-0.6
Sulfur	1.18	1.17	1.17	1.18	1.17	1.6
Ash	8.41	8.51	7.64	8.41	7.64	10.0
<b>Kentucky</b>						
Btu	12,658	12,812	12,944	12,658	12,944	-2.2
Sulfur	1.33	1.38	1.03	1.33	1.03	29.0
Ash	7.86	7.30	7.48	7.86	7.48	5.1
<b>Mississippi</b>						
Btu	14,677	15,041	14,748	14,677	14,748	-0.5
Sulfur	0.73	0.81	0.74	0.73	0.74	-2.0
Ash	3.80	3.23	3.59	3.80	3.59	5.6
<b>Tennessee</b>						
Btu	12,958	12,943	13,020	12,958	13,020	-0.5

Census division and state¹	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Sulfur	1.63	1.57	1.53	1.63	1.53	6.8
Ash	7.21	7.80	7.15	7.21	7.15	0.8
<b>West South Central</b>						
Btu	9,942	10,097	9,839	9,942	9,839	1.0
Sulfur	0.60	0.61	0.76	0.60	0.76	-21.4
Ash	7.63	7.47	6.86	7.63	6.86	11.1
<b>Arkansas</b>						
Btu	11,358	11,483	11,418	11,358	11,418	-0.5
Sulfur	1.03	1.15	1.68	1.03	1.68	-38.6
Ash	8.85	8.37	9.33	8.85	9.33	-5.1
<b>Louisiana</b>						
Btu	7,489	7,489	7,489	7,489	7,489	s
Sulfur	0.55	0.57	0.49	0.55	0.49	12.2
Ash	7.68	7.29	6.46	7.68	6.46	18.9
<b>Oklahoma</b>						
Btu	10,239	10,729	13,581	10,239	13,581	-24.6
Sulfur	0.56	0.50	0.72	0.56	0.72	-21.6
Ash	6.83	6.85	5.08	6.83	5.08	34.3
<b>Texas</b>						
Btu	11,633	11,550	11,391	11,633	11,391	2.1
Sulfur	0.50	0.45	0.73	0.50	0.73	-31.5
Ash	7.94	7.69	7.25	7.94	7.25	9.5
<b>Mountain</b>						
Btu	10,614	10,543	10,661	10,614	10,661	-0.4
Sulfur	0.46	0.46	0.52	0.46	0.52	-10.0
Ash	6.63	6.44	6.53	6.63	6.53	1.7
<b>Arizona</b>						
Btu	11,744	11,775	11,508	11,744	11,508	2.1
Sulfur	0.63	0.59	0.70	0.63	0.70	-9.7
Ash	8.61	8.87	9.44	8.61	9.44	-8.7
<b>Colorado</b>						
Btu	11,870	11,951	12,127	11,870	12,127	-2.1
Sulfur	0.55	0.52	0.57	0.55	0.57	-3.4
Ash	8.10	8.40	8.60	8.10	8.60	-5.9
<b>Idaho</b>						
Btu	12,849	12,081	11,227	12,849	11,227	14.5
Sulfur	0.53	0.42	0.37	0.53	0.37	42.2
Ash	8.20	11.37	10.88	8.20	10.88	-24.6
<b>Montana</b>						
Btu	8,831	8,484	8,574	8,831	8,574	3.0
Sulfur	0.29	0.39	0.47	0.29	0.47	-37.8
Ash	5.01	5.72	6.06	5.01	6.06	-17.3
<b>Nevada</b>						
Btu	11,603	11,653	11,667	11,603	11,667	-0.5
Sulfur	0.44	0.39	0.41	0.44	0.41	6.7
Ash	10.49	9.01	9.62	10.49	9.62	9.0
<b>New Mexico</b>						
Btu	12,361	12,342	12,344	12,361	12,344	0.1
Sulfur	0.65	0.62	0.73	0.65	0.73	-11.0
Ash	9.45	9.45	9.61	9.45	9.61	-1.7
<b>Utah</b>						
Btu	11,718	11,443	11,523	11,718	11,523	1.7
Sulfur	0.45	0.44	0.41	0.45	0.41	9.0
Ash	11.06	10.07	10.05	11.06	10.05	10.0
<b>Wyoming</b>						
Btu	9,989	10,069	10,150	9,989	10,150	-1.6
Sulfur	0.45	0.45	0.51	0.45	0.51	-12.9
Ash	4.46	4.13	3.92	4.46	3.92	13.7
<b>Pacific</b>						
Btu	11,339	11,377	11,388	11,339	11,388	-0.4
Sulfur	0.38	0.38	0.44	0.38	0.44	-13.0

Census division and state <sup>1</sup>	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Ash	8.40	8.91	9.22	8.40	9.22	-8.8
<b>California</b>						
Btu	11,449	11,538	11,517	11,449	11,517	-0.6
Sulfur	0.39	0.38	0.45	0.39	0.45	-14.6
Ash	8.56	9.29	9.48	8.56	9.48	-9.8
<b>Oregon</b>						
Btu	11,463	11,367	11,657	11,463	11,657	-1.7
Sulfur	0.33	0.34	0.38	0.33	0.38	-13.2
Ash	10.37	8.64	10.79	10.37	10.79	-3.9
<b>Washington</b>						
Btu	9,436	9,387	9,408	9,436	9,408	0.3
Sulfur	0.36	0.36	0.33	0.36	0.33	9.1
Ash	4.42	4.43	4.10	4.42	4.10	7.8
<b>U.S. Total</b>						
Btu	11,711	11,823	11,887	11,711	11,887	-1.5
Sulfur	0.99	1.02	1.03	0.99	1.03	-3.3
Ash	7.26	7.42	7.18	7.26	7.18	1.0

<sup>1</sup> 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 <sup>1</sup>	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
<b>Middle Atlantic</b>						
Btu	13,047	12,480	12,653	13,047	12,653	3.1
Sulfur	0.72	0.65	0.90	0.72	0.90	-19.5
Ash	5.57	5.90	6.87	5.57	6.87	-18.9
<b>Pennsylvania</b>						
Btu	13,047	12,480	12,653	13,047	12,653	3.1
Sulfur	0.72	0.65	0.90	0.72	0.90	-19.5
Ash	5.57	5.90	6.87	5.57	6.87	-18.9
<b>East North Central</b>						
Btu	11,220	11,167	11,194	11,220	11,194	0.2
Sulfur	2.85	3.05	2.77	2.85	2.77	2.7
Ash	9.63	9.53	9.44	9.63	9.44	2.0
<b>Illinois</b>						
Btu	11,150	11,181	11,152	11,150	11,152	s
Sulfur	3.24	3.29	3.19	3.24	3.19	1.8
Ash	9.64	9.69	9.42	9.64	9.42	2.4
<b>Indiana</b>						
Btu	11,298	11,144	11,253	11,298	11,253	0.4
Sulfur	2.41	2.69	2.19	2.41	2.19	10.1
Ash	9.61	9.29	9.47	9.61	9.47	1.5
<b>West North Central</b>						
Btu	10,619	10,858	10,827	10,619	10,827	-1.9
Sulfur	2.12	2.15	2.26	2.12	2.26	-6.5
Ash	7.50	7.40	7.76	7.50	7.76	-3.3
<b>Iowa</b>						
Btu	11,212	11,426	11,213	11,212	11,213	s
Sulfur	2.75	2.70	2.78	2.75	2.78	-0.9
Ash	8.48	7.83	8.64	8.48	8.64	-1.9
<b>Minnesota</b>						
Btu	8,711	9,411	9,504	8,711	9,504	-8.3
Sulfur	0.28	0.29	0.32	0.28	0.32	-13.3
Ash	4.71	4.06	3.85	4.71	3.85	22.4
<b>Missouri</b>						
Btu	11,427	11,486	11,461	11,427	11,461	-0.3
Sulfur	3.02	3.03	2.83	3.02	2.83	6.7
Ash	8.73	9.58	8.07	8.73	8.07	8.2
<b>North Dakota</b>						
Btu	9,246	9,143	9,207	9,246	9,207	0.4
Sulfur	0.43	0.37	0.40	0.43	0.40	7.5
Ash	5.02	5.21	5.27	5.02	5.27	-4.7
<b>South Atlantic</b>						
Btu	12,886	12,832	12,731	12,886	12,731	1.2
Sulfur	1.42	1.63	1.56	1.42	1.56	-9.1
Ash	7.70	6.58	8.33	7.70	8.33	-7.6
<b>North Carolina</b>						
Btu	12,563	12,667	12,655	12,563	12,655	-0.7
Sulfur	1.75	1.85	1.63	1.75	1.63	7.5
Ash	8.56	6.58	8.56	8.56	8.56	s
<b>Virginia</b>						
Btu	13,376	13,305	13,498	13,376	13,498	-0.9
Sulfur	0.92	1.02	0.88	0.92	0.88	4.7
Ash	6.39	6.59	5.98	6.39	5.98	7.0
<b>East South Central</b>						
Btu	13,150	-	13,041	13,150	13,041	0.8
Sulfur	0.56	-	0.80	0.56	0.80	-30.0
Ash	4.29	-	6.46	4.29	6.46	-33.6
<b>Kentucky</b>						



Census division and state <sup>1</sup>	January - March 2022	October - December 2021	January - March 2021	Year to date		Percent change
				2022	2021	
Btu	13,150	-	13,041	13,150	13,041	0.8
Sulfur	0.56	-	0.80	0.56	0.80	-30.0
Ash	4.29	-	6.46	4.29	6.46	-33.6
<b>Mountain</b>						
Btu	11,594	11,656	11,455	11,594	11,455	1.2
Sulfur	0.45	0.48	0.50	0.45	0.50	-10.0
Ash	10.60	9.90	10.74	10.60	10.74	-1.3
<b>Colorado</b>						
Btu	-	-	11,546	-	11,546	-
Sulfur	-	-	0.50	-	0.50	-
Ash	-	-	10.08	-	10.08	-
<b>Montana</b>						
<b>Wyoming</b>						
Btu	11,594	11,656	11,447	11,594	11,447	1.3
Sulfur	0.45	0.48	0.50	0.45	0.50	-10.0
Ash	10.60	9.90	10.80	10.60	10.80	-1.9
<b>Pacific</b>						
Btu	7,550	7,497	7,477	7,550	7,477	1.0
Sulfur	0.13	0.12	0.14	0.13	0.14	-4.6
Ash	5.78	4.97	5.42	5.78	5.42	6.6
<b>Alaska</b>						
Btu	7,550	7,497	7,477	7,550	7,477	1.0
Sulfur	0.13	0.12	0.14	0.13	0.14	-4.6
Ash	5.78	4.97	5.42	5.78	5.42	6.6
<b>U.S. Total</b>						
Btu	9,177	9,034	9,256	9,177	9,256	-0.9
Sulfur	1.10	1.01	1.08	1.10	1.08	2.5
Ash	7.08	6.24	6.86	7.08	6.86	3.1

<sup>1</sup> 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.'