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# NATIONAL MINING ASSOCIATION

## *Weekly Statistical Summary*

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**December 24, 2021 Edition**  
**(Data for Week Ending December 18, 2021)**

**Prepared by**  
**National Mining Association**



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# NMA Weekly Statistical Summary

Vol. 59, No. 51  
Dated 12/24/21

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	12/18/21	12/19/20	% Chng	12/18/21	12/18/20	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	11,219	10,601	5.8%	559,364	518,862	7.8%
52 Weeks Ended	574,559	535,618	7.3%			
AAR Coal Rail Cars Loaded:	65,021	62,110	4.7%	3,223,491	2,925,866	10.2%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>						
	Oct 21/20			Jan - Oct 21/20		
			% Chng			% Chng
Metallurgical	4,375	3,416	28.1%	37,804	34,272	10.3%
Steam Bit. *	2,841	1,623	75.0%	32,716	20,593	58.9%
Lignite	8	7	14.3%	65	77	-15.6%
Anthracite	40	4	900.0%	275	162	69.8%
<b>Total</b>	<b>7,264</b>	<b>5,050</b>	<b>43.8%</b>	<b>70,860</b>	<b>55,104</b>	<b>28.6%</b>
<b>Imports:</b>	525	263	99.6%	4,265	4,036	5.7%
<b>EI Electric Output (Mil. Kwh)</b>						
	Week Ended			Cumulative Week 1 to		
	12/18/21	12/19/20	% Chng	12/18/21	12/19/20	% Chng
<b>EI Electric Total Output (Mil. Kwh)</b>	75,970	80,039	-5.1%	3,956,185	3,847,462	2.8%
<b>EI Coal Region Output (Mil. Kwh)</b>	64,675	69,159	-6.5%	3,425,062	3,323,454	3.1%
<b>AISI Raw Steel Output (000 Tons)</b>	1,805	1,612	12.0%	91,704	76,893	19.3%

## EIA (S&P Global) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	12/17/21	12/10/21	% Chng	Wed.	12/15/21
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$92.50	\$92.50	0.0%	Henry Hub	3.75
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	74.20	74.20	0.0%	New York	3.00
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	44.55	44.55	0.0%	Chicago	3.59
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	30.10	30.10	0.0%	Cal.Comp.Avg.	5.26
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	33.15	33.15	0.0%		

Coal exports and Imports are "as reported" (not revised); \*Steam excludes lignite & anthracite. All data in this report are preliminary and subject to revision. r/ revised.

Sources: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; S&P Global; NGI's Daily Gas Price Index



**NMA**

THE AMERICAN RESOURCE

National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

## EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	12/18/2021 (week 51)	12/11/2021 (week 50)	12/19/2020 (week 51)	12/18/2021	12/18/2020	% Change	12/18/2021	12/19/2020	% Change
Alabama	192	201	216	9,727	11,814	-17.7	10,037	12,120	-17.2
Alaska	22	22	22	1,038	987	5.1	1,069	1,012	5.6
Colorado	214	223	205	10,767	9,714	10.8	11,061	10,008	10.5
Illinois	773	863	627	38,254	30,790	24.2	39,152	31,723	23.4
Indiana	357	364	360	18,466	19,379	-4.7	18,983	20,081	-5.5
<b>Kentucky Total</b>	<b>526</b>	<b>539</b>	<b>489</b>	<b>25,759</b>	<b>23,453</b>	<b>9.8</b>	<b>26,459</b>	<b>24,228</b>	<b>9.2</b>
Eastern (KY)	189	194	165	9,589	8,047	19.2	9,825	8,326	18.0
Western (KY)	337	345	324	16,170	15,405	5.0	16,634	15,902	4.6
Louisiana	5	5	7	281	666	-57.8	291	698	-58.3
Maryland	23	24	21	1,243	1,121	10.8	1,273	1,157	10.0
Mississippi	50	45	28	3,068	2,544	20.6	3,107	2,603	19.4
Missouri	2	2	3	62	154	-59.9	66	158	-58.2
Montana	541	564	534	27,167	25,587	6.2	27,932	26,432	5.7
New Mexico	160	163	170	8,267	9,984	-17.2	8,510	10,322	-17.6
North Dakota	522	542	506	26,403	25,648	2.9	27,128	26,364	2.9
Ohio	52	54	62	2,614	3,490	-25.1	2,702	3,650	-26.0
Oklahoma	.	.	.	s	1	-52.8	s	5	-100.0
<b>Pennsylvania Total</b>	<b>900</b>	<b>920</b>	<b>771</b>	<b>42,734</b>	<b>35,121</b>	<b>21.7</b>	<b>43,840</b>	<b>36,385</b>	<b>20.5</b>
Anthracite (PA)	38	37	44	1,909	2,304	-17.1	1,972	2,381	-17.2
Bituminous (PA)	862	883	727	40,826	32,817	24.4	41,868	34,004	23.1
Tennessee	.	.	.	.	92	-100.0	.	102	.
Texas	323	338	378	16,185	19,091	-15.2	16,728	19,638	-14.8
Utah	239	246	251	12,141	12,771	-4.9	12,501	13,099	-4.6
Virginia	215	226	208	10,652	9,502	12.1	10,950	9,792	11.8
<b>West Virginia Total</b>	<b>1,546</b>	<b>1,614</b>	<b>1,363</b>	<b>76,207</b>	<b>65,248</b>	<b>16.8</b>	<b>78,162</b>	<b>67,391</b>	<b>16.0</b>
Northern (WV)	933	961	813	43,853	35,898	22.2	45,018	37,028	21.6
Southern (WV)	613	654	550	32,355	29,351	10.2	33,144	30,362	9.2
Wyoming	4,556	4,563	4,381	228,329	211,707	7.9	234,609	218,650	7.3
<b>Appalachian Total</b>	<b>3,119</b>	<b>3,233</b>	<b>2,806</b>	<b>152,766</b>	<b>134,435</b>	<b>13.6</b>	<b>156,788</b>	<b>138,923</b>	<b>12.9</b>
<b>Interior Total</b>	<b>1,847</b>	<b>1,963</b>	<b>1,727</b>	<b>92,487</b>	<b>88,030</b>	<b>5.1</b>	<b>94,962</b>	<b>90,808</b>	<b>4.6</b>
<b>Western Total</b>	<b>6,253</b>	<b>6,323</b>	<b>6,068</b>	<b>314,112</b>	<b>296,398</b>	<b>6.0</b>	<b>322,809</b>	<b>305,887</b>	<b>5.5</b>
<b>East of Mississippi River</b>	<b>4,636</b>	<b>4,851</b>	<b>4,145</b>	<b>228,723</b>	<b>202,552</b>	<b>12.9</b>	<b>234,665</b>	<b>209,232</b>	<b>12.2</b>
<b>West of Mississippi River</b>	<b>6,583</b>	<b>6,669</b>	<b>6,456</b>	<b>330,641</b>	<b>316,309</b>	<b>4.5</b>	<b>339,894</b>	<b>326,386</b>	<b>4.1</b>
Bituminous and Lignite	11,181	11,482	10,557	557,455	516,558	7.9	572,587	533,236	7.4
Anthracite	38	37	44	1,909	2,304	-17.1	1,972	2,381	-17.2
<b>U.S. Total</b>	<b>11,219</b>	<b>11,520</b>	<b>10,601</b>	<b>559,364</b>	<b>518,862</b>	<b>7.8</b>	<b>574,559</b>	<b>535,618</b>	<b>7.3</b>
Railroad Cars Loaded	65,021	66,762	62,110	3,223,491	2,925,866	10.2	3,314,917	3,024,474	9.6

Source: Energy Information Administration



**Weekly Electric Output**

**Volume 89 No. 51**

**OUTPUT FOR WEEK ENDED - Dec 18, 2021**

**Dec 22, 2021**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Dec 18, 2021** was **75,970** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **172** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended December 18		52 Weeks Ended December 18	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,207	-10.9	115,834	1.4
Mid-Atlantic	7,609	-11.1	418,281	2.4
Central Industrial	12,177	-6.8	651,192	3.4
West Central	6,294	-3.1	335,000	4.5
Southeast	18,895	-7.3	1,015,682	3.4
South Central	14,093	-5.5	777,793	2.9
Rocky Mountain	5,607	-2.2	292,901	2.0
Pacific Northwest	3,795	8.8	157,946	2.7
Pacific Southwest	5,293	7.7	267,904	0.5
Total United States	75,970	-5.1	4,032,532	2.9

**WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh**

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Nov 27	72,312	Nov 28	68,010	6.3	Nov 27	4,038,130	3.0
Dec 04	73,744	Dec 05	75,942	-2.9	Dec 04	4,035,932	2.9
Dec 11	76,144	Dec 12	75,475	0.9	Dec 11	4,036,601	3.0
Dec 18	75,970	Dec 19	80,039	-5.1	Dec 18	4,032,532	2.9
<b>Dec 18</b>	<b>3,956,185</b>	<b>Dec 19</b>	<b>3,847,462</b>	<b>2.8</b>	<b>YEAR TO DATE, FIRST 51 WEEKS</b>		

**WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.\***

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2021	Week Ended	2020	Week Ended	2019
Nov 27	172	Nov 28	170	Nov 30	178
Dec 04	171	Dec 05	172	Dec 07	173
Dec 11	171	Dec 12	165	Dec 14	168
Dec 18	172	Dec 19	176	Dec 21	179

\* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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**EI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION  
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	18-Dec 2021 GWh Output	19-Dec 2020 GWh Output	% Increase Over Corresponding Week	18-Dec 2021 GWh Output	19-Dec 2020 GWh Output	% Increase Over Corresponding Week	18-Dec 2021 GWh Output	19-Dec 2020 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	2,207	2,478	-10.9%	<b>113,528</b>	<b>112,001</b>	<b>1.4%</b>	115,834	114,242	1.4%
<b>Mid-Atlantic</b>	7,609	8,559	-11.1%	<b>410,191</b>	<b>400,585</b>	<b>2.4%</b>	418,281	408,510	2.4%
<b>Central Industrial</b>	12,177	13,072	-6.8%	<b>638,848</b>	<b>618,359</b>	<b>3.3%</b>	651,192	629,560	3.4%
<b>West Central</b>	6,294	6,497	-3.1%	<b>328,743</b>	<b>314,745</b>	<b>4.4%</b>	335,000	320,528	4.5%
<b>Southeast</b>	18,895	20,382	-7.3%	<b>995,760</b>	<b>964,998</b>	<b>3.2%</b>	1,015,682	982,027	3.4%
<b>South Central</b>	14,093	14,919	-5.5%	<b>764,169</b>	<b>743,233</b>	<b>2.8%</b>	777,793	755,930	2.9%
<b>Rocky Mountain</b>	5,607	5,730	-2.1%	<b>287,351</b>	<b>281,534</b>	<b>2.1%</b>	292,901	287,163	2.0%
<b>Pacific Northwest</b>	3,795	3,487	8.8%	<b>154,426</b>	<b>150,282</b>	<b>2.8%</b>	157,946	153,835	2.7%
<b>Pacific Southwest</b>	5,293	4,915	7.7%	<b>263,175</b>	<b>261,726</b>	<b>0.6%</b>	267,904	266,615	0.5%
<b>Total United States <sup>1/</sup></b>	<u>75,970</u>	<u>80,039</u>	-5.1%	<u><b>3,956,191</b></u>	<u><b>3,847,463</b></u>	<u><b>2.8%</b></u>	<u>4,032,533</u>	<u>3,918,410</u>	2.9%
<b>Coal Regions Only <sup>2/</sup></b>	64,675	69,159	-6.5%	<b>3,425,062</b>	<b>3,323,454</b>	<b>3.1%</b>	3,490,849	3,383,718	3.2%

Notes: EEI output data are an estimate of electricity load made available for distribution derived as weekly net generation + purchases from non-utilities + net imports - exports - sales for resale. It is not meant to be a measure of electricity generation for the U.S. EEI survey data represent the majority of national distribution (large utilities, large government power projects, some independent and large municipal power projects). The remaining segment of the industry (smaller producers) is estimated. Non-utility generation is captured via direct sales to utilities.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE  
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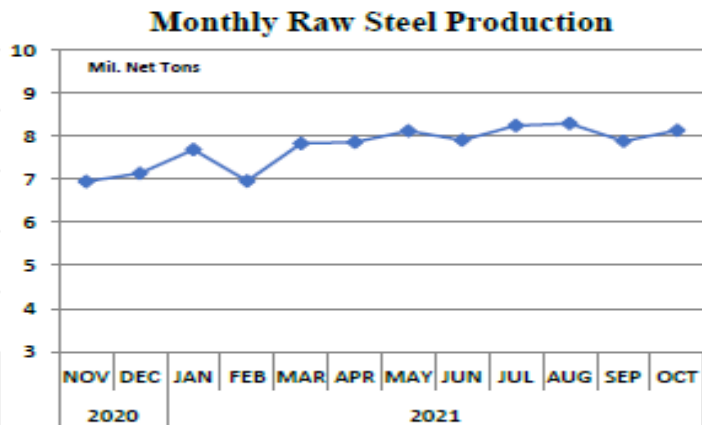
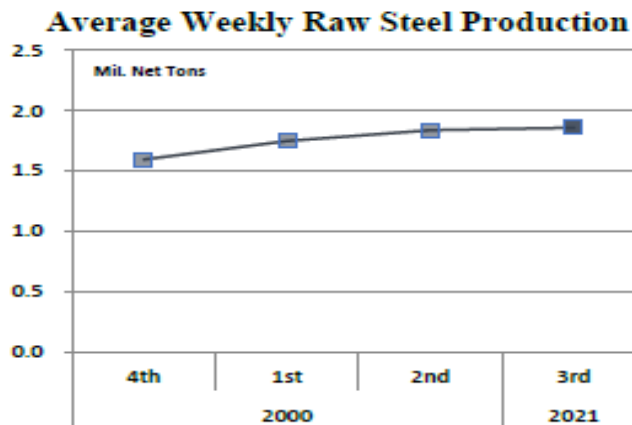
December 20, 2021

**ESTIMATED WEEKLY RAW STEEL\* PRODUCTION**

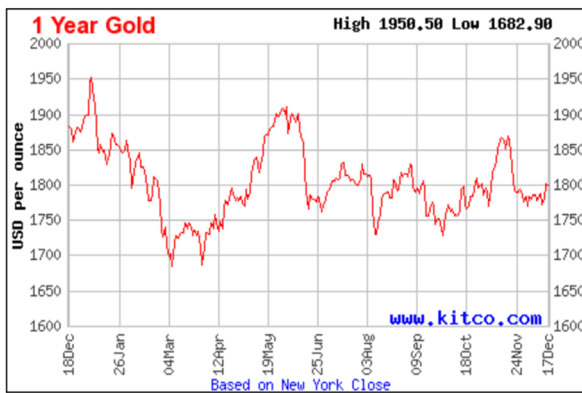
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Dec 18</u>	<u>Dec 11</u>	
<b><u>Week Ending</u></b>				North East	166	169
				Great Lakes	619	621
December 18, 2021	1,805	-0.7	81.8	Midwest	201	206
December 18, 2020	1,612	12.0	72.9	Southern	745	744
December 11, 2021	1,818	0.6	82.4	Western	74	78
				<b>Total</b>	<b>1,805</b>	<b>1,818</b>
<b><u>Year-to-Date +</u></b>						
December 18, 2021	91,704	19.3	81.6			
December 18, 2020	76,893	-	68.1			

\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides a more accurate summary of steel production based on data supplied by companies representing approximately 75% of U.S. production capacity plus includes revisions for previous months.

NOTE: Capacity for the third quarter 2021 is approximately 29.0 million net tons. Given the large number of changes to steelmaking capability and the evolving market, AISI is updating the capacity statistics.



\*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. \*\* Based on tonnage capability to produce raw steel for a sustained full order book.



Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

**U.S. Rail Traffic<sup>1</sup>**  
**Week 50, 2021 – Ended December 18, 2021**

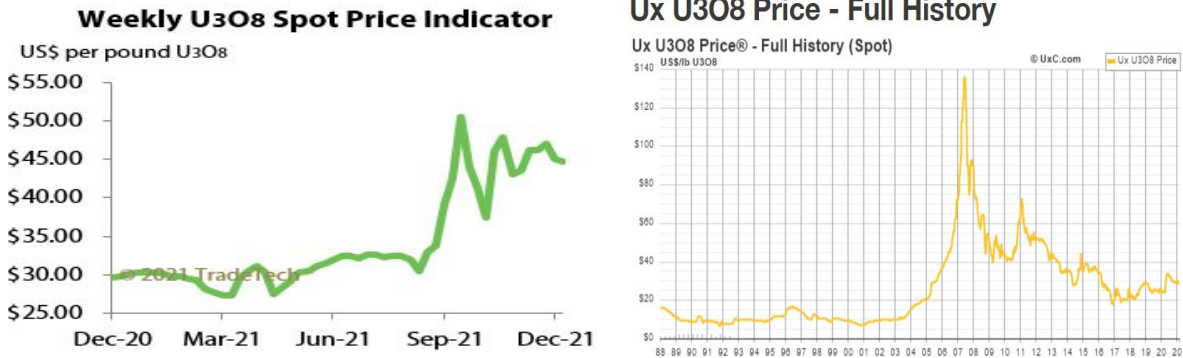
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk <sup>2</sup>	vs 2020
<b>Total Carloads</b>	<b>234,704</b>	<b>1.7%</b>	<b>11,603,216</b>	<b>232,064</b>	<b>6.7%</b>
Chemicals	34,212	2.8%	1,631,298	32,626	5.6%
Coal	65,021	4.4%	3,209,155	64,183	10.9%
Farm Products excl. Grain, and Food	16,117	4.9%	793,782	15,876	2.4%
Forest Products	9,900	1.8%	500,526	10,011	7.5%
Grain	24,159	-6.6%	1,168,694	23,374	4.0%
Metallic Ores and Metals	21,865	2.3%	1,123,013	22,460	23.2%
Motor Vehicles and Parts	12,468	-20.9%	647,911	12,958	-0.5%
Nonmetallic Minerals	30,089	16.4%	1,513,995	30,280	1.9%
Petroleum and Petroleum Products	10,398	-11.1%	523,965	10,479	-4.1%
Other	10,475	8.0%	490,877	9,818	2.3%
<b>Total Intermodal Units</b>	<b>269,395</b>	<b>-6.9%</b>	<b>13,733,756</b>	<b>274,675</b>	<b>5.3%</b>
<b>Total Traffic</b>	<b>504,099</b>	<b>-3.1%</b>	<b>25,336,972</b>	<b>506,739</b>	<b>5.9%</b>

<sup>1</sup> Excludes U.S. operations of Canadian Pacific, CN and GMXT.

<sup>2</sup> Average per week figures may not sum to totals as a result of independent rounding.

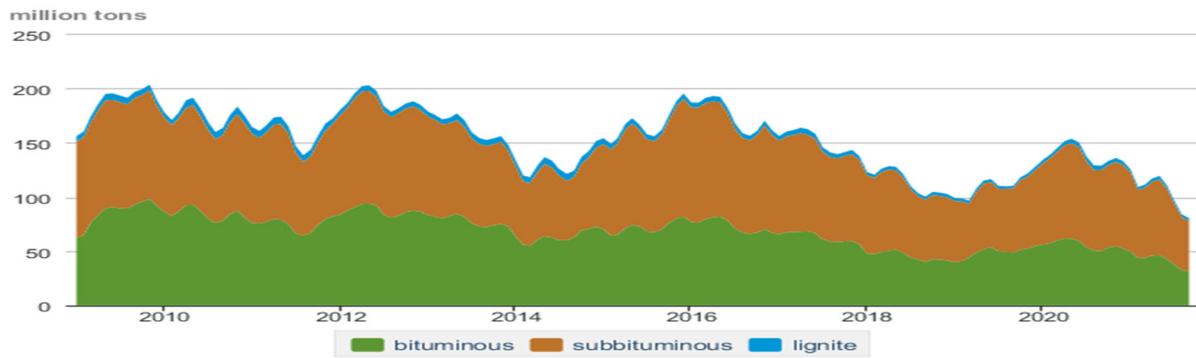
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### Trade Tech's and UX's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – [www.uranium.info](http://www.uranium.info) ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

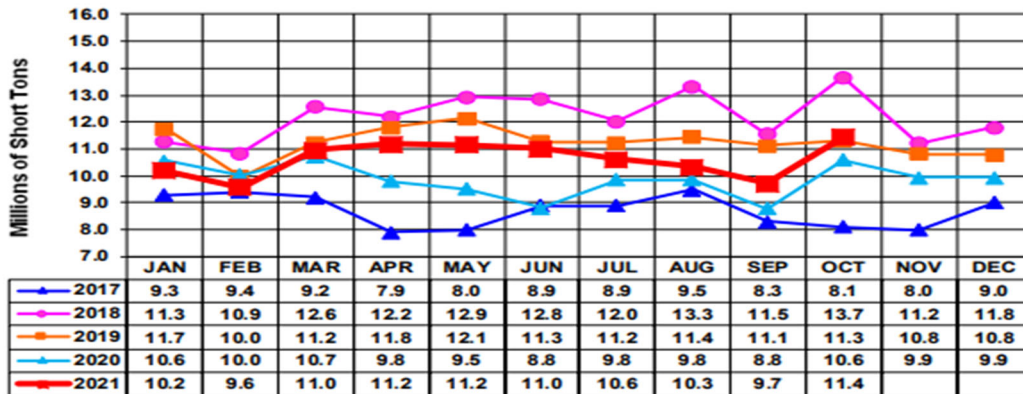
### Coal stocks by type, January 2009 - September 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

### Coal and Coke Monthly Indicator for Internal U.S. Waterways



Source: Waterborne Commerce Statistics Center

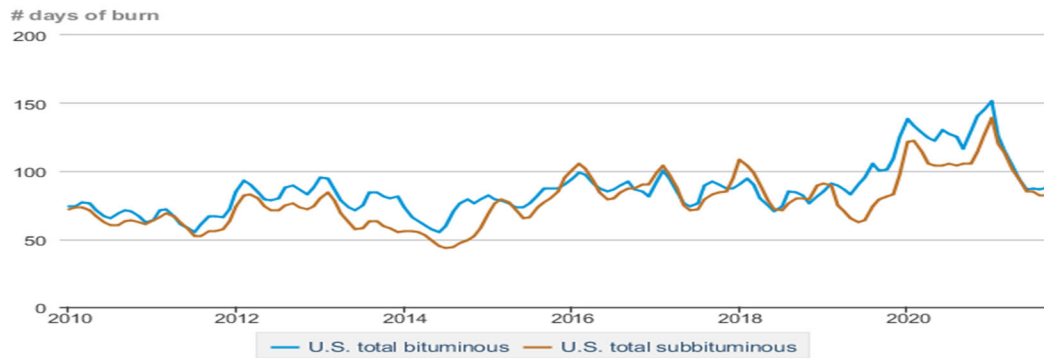
Average weekly coal commodity spot prices  
dollars per short ton

	Week ending					Week ago
	11/19/21	11/26/21	12/03/21	12/10/21	12/17/21	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$89.75	\$89.75	\$92.50	\$92.50	\$92.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$72.00	\$72.00	\$74.20	\$74.20	\$74.20	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$43.40	\$43.40	\$44.55	\$44.55	\$44.55	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$30.70	\$30.70	\$30.70	\$30.10	\$30.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$33.15	\$33.15	\$33.00	\$33.15	\$33.15	\$0.00

Source: With permission, S&P Global

Source: Energy Information Administration (with permission from S&P Global), Coal Market Report

Days of burn by non-lignite coal rank, January 2010 - September 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electricity Monthly Update Report

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	203	-11	5	0	0	0
Middle Atlantic	189	-15	-10	0	0	0
E N Central	220	-13	-1	0	0	0
W N Central	221	-38	8	0	0	0
South Atlantic	115	-27	-42	10	1	6
E S Central	102	-44	-72	0	-1	0
W S Central	51	-57	-71	16	13	16
Mountain	164	-51	-37	0	0	0
Pacific	100	-14	13	0	-1	0
United States	157	-26	-16	4	2	3

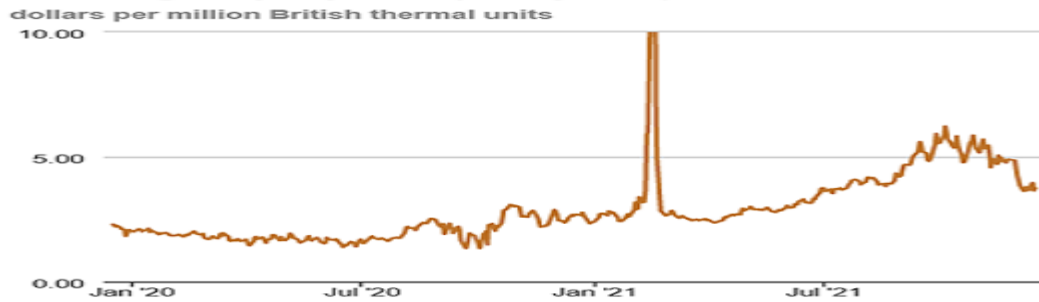
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration  
Note: HDDs=heating degree days; CDDs=cooling degree days

Source: Energy Information Administration, Natural Gas Weekly Update.

USGS Production of Selected Mineral Commodities	2021 Year to Date - 2nd Quarter	2020 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	418.0	358.0	17%
Cement (Mil. Mt.)	42.6	41.4	3%
Copper (000 Mt.)	600.0	597.0	1%
Gold (Mt.)	89.2	94.7	-6%
Gypsum (Mil. Mt.)	9.6	8.5	13%
Iron Ore (Mil. Mt.)	12.5	17.4	-28%
Lead (000 Mt.)	146.8	136.7	7%
Molybdenum (000 Mt.)	21.8	24.8	-12%
Phosphate rock (Mil. Mt.)	10.7	12.1	-12%
Sand & gravel, construction (Mil. Mt.)	459.0	420.0	9%
Silver (Mt.)	520.0	456.0	14%
Soda ash (Mil. Mt.)	5.8	5.0	16%
Stone, crushed (Mil. Mt.)	706.0	689.0	2%
Zinc (000 Mt.)	355.0	308.0	15%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2020 data are preliminary estimates. W - withheld, N/A - not available

**Natural gas spot prices (Henry Hub)**



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Natural Gas Intelligence  
 Note: Henry Hub prices reported for February 16 and 17, 2021, exceeded the published range, averaging \$16.96/MMBtu and \$23.61/MMBtu, respectively.

Source: Energy Information Administration, *Natural Gas Weekly*.

**Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)**

Zone	Coal	September 2021		September 2020		% Change of Stocks	August 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	1,879	285	3,910	284	-51.9%	1,634	242	15.1%
	Subbituminous	-	-	160	159	-	-	-	-
South	Bituminous	10,671	81	17,906	105	-40.4%	11,024	73	-3.2%
	Subbituminous	2,824	44	6,060	83	-53.4%	3,009	38	-6.1%
Midwest	Bituminous	8,623	84	13,327	112	-35.3%	8,657	86	-0.4%
	Subbituminous	17,961	101	28,686	125	-37.4%	18,048	102	-0.5%
West	Bituminous	1,916	96	3,815	160	-49.8%	2,156	109	-11.2%
	Subbituminous	15,287	75	23,384	92	-34.6%	16,520	77	-7.5%
U.S. Total	Bituminous	23,089	88	38,958	116	-40.7%	23,471	86	-1.6%
	Subbituminous	36,072	82	58,290	105	-38.1%	37,576	82	-4.0%

Source: Energy Information Administration, *Electricity Monthly Update*

## EIA Working Natural Gas Underground Storage

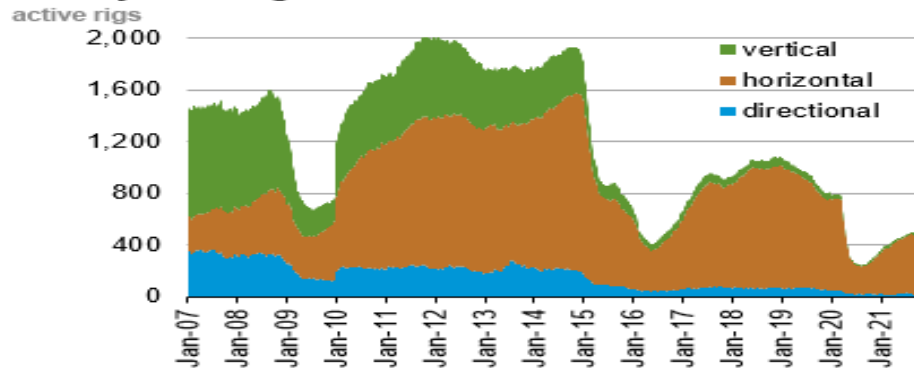
Region	Stocks billion cubic feet (Bcf)		
	2021-12-10	2021-12-03	change
East	818	843	-25
Midwest	982	1,019	-37
Mountain	199	206	-7
Pacific	261	266	-5
South Central	1,158	1,171	-13
<b>Total</b>	<b>3,417</b>	<b>3,505</b>	<b>-88</b>

Source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*

Source: Energy Information Administration, *Natural Gas Weekly Update*

## EIA Natural Gas Rig Count

### Weekly total rig count



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Baker Hughes Company

Source: Energy Information Administration, *Natural Gas Weekly Update*

## EIA Oil and Natural Gas Rig Productivity

### NEW-WELL PRODUCTION PER RIG BY REGION

### PRODUCTION BY REGION

### DUC WELLS BY REGION

Region	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day		
	December 2021	January 2022	change	December 2021	January 2022	change
Anadarko	794	778	(16)	4,084	3,961	(123)
Appalachia	188	188	-	30,284	30,345	61
Bakken	2,130	2,088	(42)	2,983	2,923	(60)
Eagle Ford	2,370	2,363	(7)	8,506	8,480	(26)
Haynesville	19	19	-	11,865	11,966	101
Niobrara	1,636	1,603	(33)	4,440	4,351	(89)
Permian	1,214	1,210	(4)	2,281	2,269	(12)
Rig-weighted average	1,142	1,140	(2)	6,272	6,312	40

Source: Energy Information Administration, *Drilling Productivity Report*