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# NATIONAL MINING ASSOCIATION

## *Weekly Statistical Summary*

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**April 1, 2022 Edition**  
**(Data for Week Ending March 26, 2022)**

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



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# NMA Weekly Statistical Summary

Vol. 60, No. 13  
Dated 04/01/22

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	03/26/22	03/27/21	% Chng	03/26/22	03/26/21	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	11,587	11,286	2.7%	139,423	132,596	5.1%
52 Weeks Ended	583,421	524,659	11.2%			
AAR Coal Rail Cars Loaded:	66,504	61,475	8.2%	796,673	722,637	10.2%
Coal Production	<b>February 22/21</b>		<b>% Chng</b>	<b>Jan - Feb 22/21</b>		<b>% Chng</b>
Month Ended - February	47,115	40,868	15.3%	96,746	89,425	8.2%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Jan 22/21</b>		<b>% Chng</b>	<b>Jan - Jan 22/21</b>		<b>% Chng</b>
Metallurgical	2,945	3,249	-9.4%	2,945	3,249	-9.4%
Steam Bit. *	2,758	2,439	13.1%	2,758	2,439	13.1%
Lignite	8	7	14.3%	8	7	14.3%
Anthracite	5	40	-87.5%	5	40	-87.5%
<b>Total</b>	5,716	5,735	-0.3%	5,716	5,735	-0.3%
<b>Imports:</b>	526	535	-1.7%	526	535	-1.7%
	Week Ended			Cumulative Week 1 to		
	03/26/22	03/27/21	% Chng	03/26/22	03/27/21	% Chng
<b>EEl Electric Total Output (Mil. Kwh)</b>	70,186	67,594	3.8%	1,018,126	990,420	2.8%
<b>EEl Coal Region Output (Mil. Kwh)</b>	60,352	57,934	4.2%	879,927	855,408	2.9%
<b>AISI Raw Steel Output (000 Tons)</b>	1,726	1,768	-2.4%	21,225	21,218	0.0%

## 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)	
	03/25/22	03/18/22	% Chng	Wed.	03/23/22
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$97.30	\$97.30	0.0%	Henry Hub	5.26
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	81.80	81.80	0.0%	New York	4.42
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	97.00	97.00	0.0%	Chicago	4.75
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	16.75	16.75	0.0%	Cal.Comp.Avg.	4.90
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	33.30	33.30	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



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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		
	3/26/2022 (week 11)	3/19/2022 (week 10)	3/27/2021 (week 11)	3/26/2022	3/26/2021	% Change	3/26/2022	3/27/2021	% Change
Alabama	193	178	250	2,212	2,940	-24.8	8,558	11,982	-28.6
Alaska	20	21	25	265	293	-9.5	1,011	1,036	-2.4
Colorado	227	217	195	2,608	2,289	13.9	12,168	9,777	24.5
Illinois	863	796	901	10,632	10,581	0.5	36,848	33,814	9.0
Indiana	368	358	393	4,361	4,612	-5.4	19,168	18,813	1.9
<b>Kentucky total</b>	<b>560</b>	<b>534</b>	<b>530</b>	<b>6,600</b>	<b>6,224</b>	<b>6.0</b>	<b>26,941</b>	<b>23,508</b>	<b>14.6</b>
Eastern (KY)	228	210	186	2,575	2,181	18.1	10,708	8,193	30.7
Western (KY)	332	324	344	4,025	4,043	-0.4	16,233	15,315	6.0
Louisiana	5	5	5	53	54	-1.7	299	321	-6.9
Maryland	27	26	28	319	324	-1.8	1,302	1,120	16.3
Mississippi	63	57	65	737	767	-3.9	3,162	2,819	12.2
Missouri	1	2	1	18	17	4.1	45	134	-66.4
Montana	569	546	528	6,666	6,205	7.4	28,971	25,139	15.2
New Mexico	171	161	189	1,877	2,222	-15.5	8,895	9,440	-5.8
North Dakota	522	491	563	6,232	6,612	-5.8	26,089	26,148	-0.2
Ohio	45	47	61	562	712	-21.0	2,605	3,094	-15.8
Oklahoma	.	.	.	.	.	.	1	s	100.0
<b>Pennsylvania total</b>	<b>979</b>	<b>936</b>	<b>946</b>	<b>12,063</b>	<b>11,119</b>	<b>8.5</b>	<b>43,202</b>	<b>36,743</b>	<b>17.6</b>
Anthracite (PA)	37	36	40	422	467	-9.5	2,040	2,201	-7.3
Bituminous (PA)	942	900	907	11,641	10,653	9.3	41,162	34,541	19.2
Tennessee	.	.	.	.	.	.	.	3	.
Texas	289	282	300	3,394	3,521	-3.6	17,084	18,367	-7.0
Utah	228	222	252	2,780	2,957	-6.0	12,135	12,734	-4.7
Virginia	232	225	216	2,755	2,532	8.8	11,167	9,357	19.3
<b>West Virginia total</b>	<b>1,657</b>	<b>1,585</b>	<b>1,599</b>	<b>20,145</b>	<b>18,783</b>	<b>7.3</b>	<b>79,826</b>	<b>68,683</b>	<b>16.2</b>
Northern (WV)	933	900	922	11,754	10,829	8.5	45,289	39,452	14.8
Southern (WV)	723	685	677	8,391	7,954	5.5	34,537	29,231	18.2
Wyoming	4,569	4,451	4,241	55,143	49,830	10.7	243,942	211,629	15.3
<b>Appalachian total</b>	<b>3,360</b>	<b>3,208</b>	<b>3,285</b>	<b>40,631</b>	<b>38,592</b>	<b>5.3</b>	<b>157,369</b>	<b>139,174</b>	<b>13.1</b>
<b>Interior total</b>	<b>1,921</b>	<b>1,823</b>	<b>2,008</b>	<b>23,220</b>	<b>23,595</b>	<b>-1.6</b>	<b>92,841</b>	<b>89,582</b>	<b>3.6</b>
<b>Western total</b>	<b>6,306</b>	<b>6,109</b>	<b>5,993</b>	<b>75,571</b>	<b>70,409</b>	<b>7.3</b>	<b>333,211</b>	<b>295,903</b>	<b>12.6</b>
<b>East of Mississippi River</b>	<b>4,986</b>	<b>4,743</b>	<b>4,987</b>	<b>60,386</b>	<b>58,594</b>	<b>3.1</b>	<b>232,781</b>	<b>209,934</b>	<b>10.9</b>
<b>West of Mississippi River</b>	<b>6,601</b>	<b>6,397</b>	<b>6,299</b>	<b>79,036</b>	<b>74,002</b>	<b>6.8</b>	<b>350,640</b>	<b>314,725</b>	<b>11.4</b>
Bituminous and lignite	11,550	11,105	11,246	139,000	132,129	5.2	581,381	522,457	11.3
Anthracite	37	36	40	422	467	-9.5	2,040	2,201	-7.3
<b>U.S. total</b>	<b>11,587</b>	<b>11,140</b>	<b>11,286</b>	<b>139,423</b>	<b>132,596</b>	<b>5.1</b>	<b>583,421</b>	<b>524,659</b>	<b>11.2</b>
Railroad cars loaded	66,504	63,929	61,475	796,673	722,637	10.2	3,400,914	2,952,533	15.2

Source: Energy Information Administration



# Weekly Electric Output

Volume 90 No. 13

**OUTPUT FOR WEEK ENDED - Mar 26, 2022**

**Mar 30, 2022**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Mar 26, 2022** was **70,186** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **171** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended March 26		52 Weeks Ended March 26	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	1,974	4.1	116,368	0.7
Mid-Atlantic	7,019	3.4	419,629	1.7
Central Industrial	11,701	7.7	654,498	3.2
West Central	6,068	8.1	338,933	4.7
Southeast	17,338	1.6	1,017,207	1.9
South Central	13,363	4.5	789,359	3.6
Rocky Mountain	4,863	1.0	295,166	2.6
Pacific Northwest	3,290	-0.7	159,785	3.8
Pacific Southwest	4,570	2.7	269,396	1.4
Total United States	70,186	3.8	4,060,341	2.7

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

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Mar 05	74,439	Mar 06	73,193	1.7	Mar 05	4,051,075	2.5
Mar 12	75,113	Mar 13	69,318	8.4	Mar 12	4,056,870	2.6
Mar 19	70,813	Mar 20	69,934	1.3	Mar 19	4,057,749	2.6
Mar 26	70,186	Mar 27	67,594	3.8	Mar 26	4,060,341	2.7
<b>Mar 26</b>	<b>1,018,126</b>	<b>Mar 27</b>	<b>990,420</b>	<b>2.8</b>	<b>YEAR TO DATE, FIRST 13 WEEKS</b>		

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

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2022	Week Ended	2021	Week Ended	2020
Mar 05	171	Mar 06	169	Mar 07	172
Mar 12	182	Mar 13	169	Mar 14	175
Mar 19	173	Mar 20	171	Mar 21	177
Mar 26	171	Mar 27	161	Mar 28	170

\* 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		
	26-Mar 2022 GWh Output	27-Mar 2021 GWh Output	% Increase Over Corresponding Week	26-Mar 2022 GWh Output	27-Mar 2021 GWh Output	% Increase Over Corresponding Week	26-Mar 2022 GWh Output	27-Mar 2021 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	1,974	1,896	4.1%	<b>30,420</b>	<b>29,983</b>	<b>1.5%</b>	116,368	115,561	0.7%
<b>Mid-Atlantic</b>	7,019	6,789	3.4%	<b>107,242</b>	<b>105,910</b>	<b>1.3%</b>	419,629	412,615	1.7%
<b>Central Industrial</b>	11,701	10,867	7.7%	<b>170,124</b>	<b>166,667</b>	<b>2.1%</b>	654,498	634,225	3.2%
<b>West Central</b>	6,068	5,611	8.1%	<b>86,074</b>	<b>82,276</b>	<b>4.6%</b>	338,933	323,863	4.7%
<b>Southeast</b>	17,338	17,062	1.6%	<b>256,069</b>	<b>253,698</b>	<b>0.9%</b>	1,017,207	998,224	1.9%
<b>South Central</b>	13,363	12,790	4.5%	<b>189,062</b>	<b>177,720</b>	<b>6.4%</b>	789,359	762,229	3.6%
<b>Rocky Mountain</b>	4,863	4,815	1.0%	<b>71,356</b>	<b>69,137</b>	<b>3.2%</b>	295,166	287,717	2.6%
<b>Pacific Northwest</b>	3,290	3,313	-0.7%	<b>46,530</b>	<b>44,917</b>	<b>3.6%</b>	159,785	153,962	3.8%
<b>Pacific Southwest</b>	4,570	4,451	2.7%	<b>61,248</b>	<b>60,112</b>	<b>1.9%</b>	269,396	265,572	1.4%
<b>Total United States <sup>1/</sup></b>	<u>70,186</u>	<u>67,594</u>	3.8%	<u><b>1,018,125</b></u>	<u><b>990,420</b></u>	<b>2.8%</b>	<u>4,060,341</u>	<u>3,953,968</u>	2.7%
<b>Coal Regions Only <sup>2/</sup></b>	60,352	57,934	4.2%	<b>879,927</b>	<b>855,408</b>	<b>2.9%</b>	3,514,792	3,418,873	2.8%

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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March 28, 2022

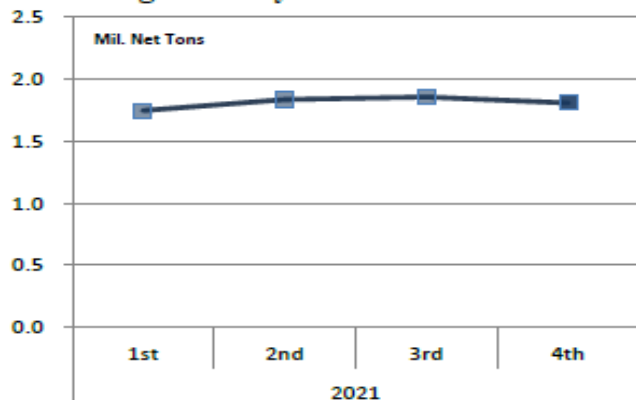
**ESTIMATED WEEKLY RAW STEEL\* PRODUCTION**

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Mar 26</u>	<u>Week Ending Mar 19</u>	
<b><u>Week Ending</u></b>				North East	170	174
				Great Lakes	578	594
March 26, 2022	1,726	-0.9	79.4	Midwest	166	167
March 26, 2021	1,768	-2.4	78.0	Southern	746	738
March 19, 2022	1,742	0.3	80.2	Western	66	69
				<b>Total</b>	<b>1,726</b>	<b>1,742</b>
<b><u>Year-to-Date +</u></b>						
March 26, 2022	21,225	0.0	80.4			
March 26, 2021	21,218	-	77.1			

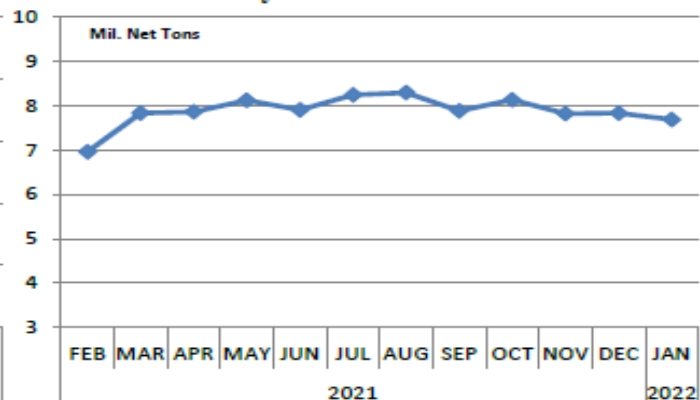
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Capability for the first quarter 2022 was approximately 28.3 million net tons. Given the large number of changes to steelmaking capability and the evolving market, AISI is updating the capacity statistics.

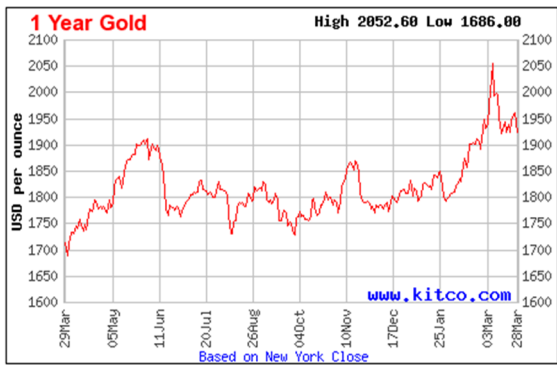
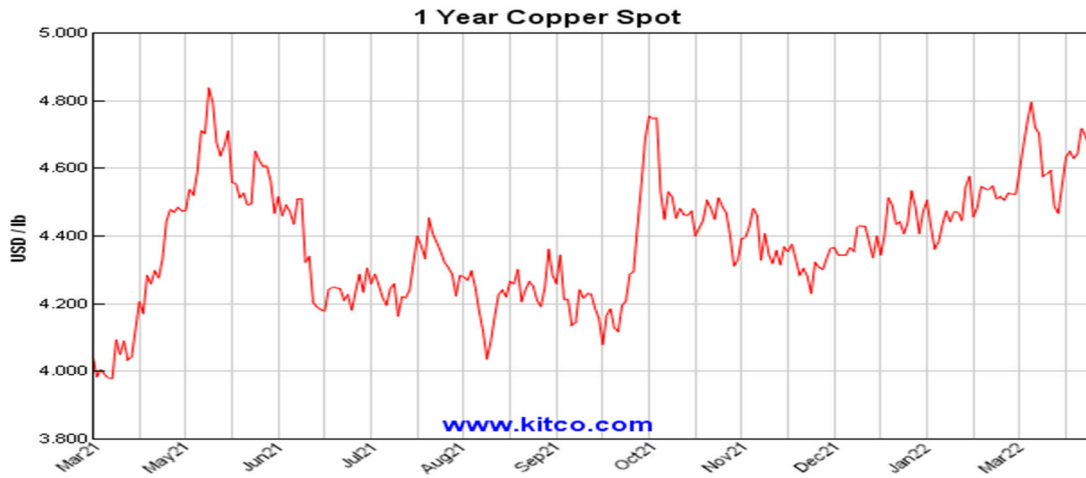
**Average Weekly Raw Steel Production**



**Monthly Raw Steel Production**



\*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 12, 2022 – Ended March 26, 2022

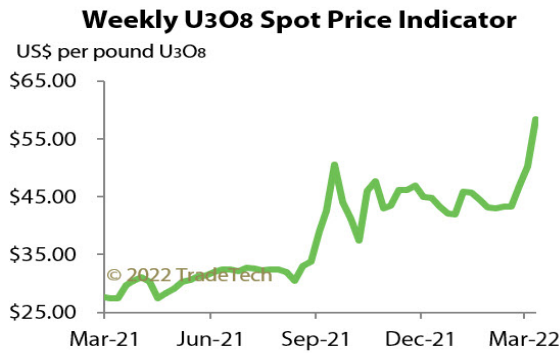
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk <sup>2</sup>	vs 2021
<b>Total Carloads</b>	<b>233,555</b>	<b>0.5%</b>	<b>2,755,177</b>	<b>229,598</b>	<b>2.8%</b>
Chemicals	34,264	6.9%	414,452	34,538	9.7%
Coal	66,504	8.4%	789,428	65,786	10.2%
Farm Products excl. Grain, and Food	16,682	0.8%	197,104	16,425	2.4%
Forest Products	9,827	-3.1%	119,749	9,979	0.4%
Grain	22,516	-8.2%	281,407	23,451	-7.3%
Metallic Ores and Metals	20,492	-6.6%	242,001	20,167	-2.4%
Motor Vehicles and Parts	14,341	6.1%	151,798	12,650	-12.5%
Nonmetallic Minerals	30,988	-4.0%	339,289	28,274	10.7%
Petroleum and Petroleum Products	8,638	-19.2%	111,740	9,312	-15.1%
Other	9,303	-0.4%	108,209	9,017	-3.2%
<b>Total Intermodal Units</b>	<b>271,262</b>	<b>-6.2%</b>	<b>3,099,667</b>	<b>258,306</b>	<b>-7.0%</b>
<b>Total Traffic</b>	<b>504,817</b>	<b>-3.2%</b>	<b>5,854,844</b>	<b>487,904</b>	<b>-2.7%</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.

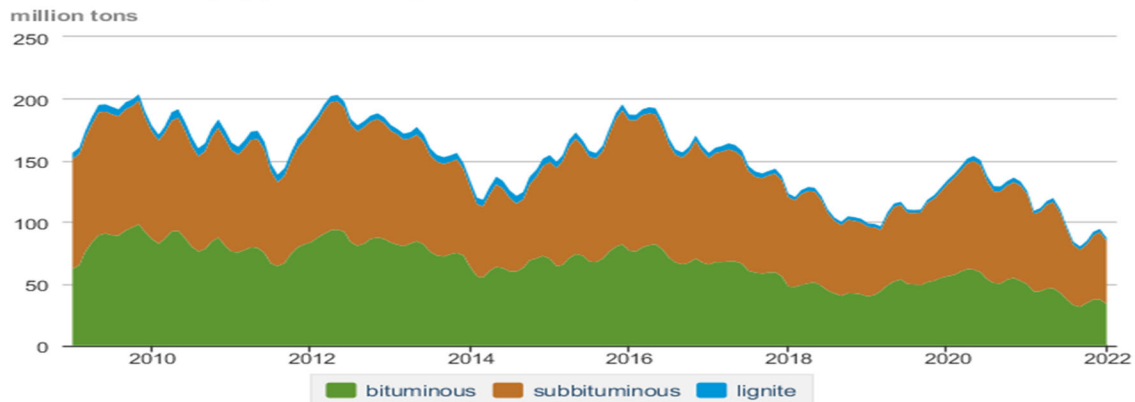
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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>

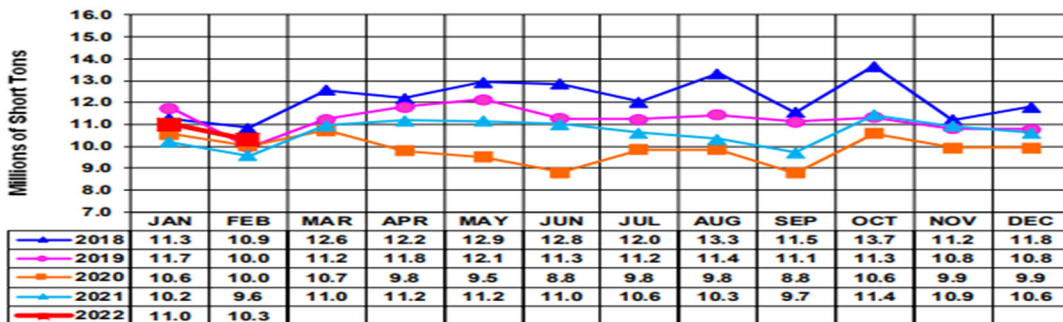
### Coal stocks by type, January 2009 - January 2022



eia Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

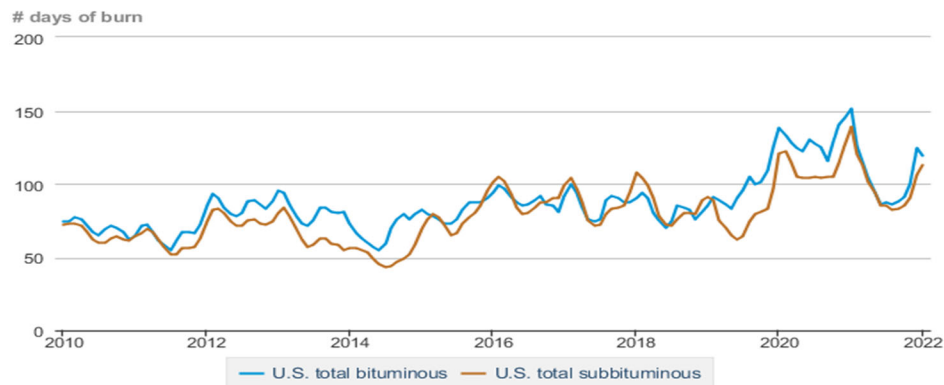
Source: Waterborne Commerce Statistics Center

**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago
	02/25/22	03/04/22	03/11/22	03/18/22	03/25/22	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$90.55	\$93.40	\$93.40	\$97.30	\$97.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$73.35	\$79.55	\$79.55	\$81.80	\$81.80	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$75.50	\$92.50	\$92.50	\$97.00	\$97.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$21.65	\$16.75	\$16.75	\$16.75	\$16.75	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$29.35	\$32.95	\$32.95	\$33.30	\$33.30	\$0.00

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

**Days of burn by non-lignite coal rank, January 2010 - January 2022**



Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update Report*

**Temperature – heating & cooling degree days (week ending Mar 17)**

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	178	-27	-18	0	0	0
Middle Atlantic	169	-22	-4	0	0	0
E N Central	186	-15	22	0	0	0
W N Central	203	3	34	0	-1	0
South Atlantic	116	2	37	12	1	-2
E S Central	122	15	77	0	-5	-7
W S Central	88	23	70	5	-6	-24
Mountain	170	10	-22	1	0	1
Pacific	78	-13	-63	0	-1	0
United States	145	-6	9	3	-1	-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 - 3rd Quarter	2020 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	628.0	543.0	16%
Cement (Mil. Mt.)	67.6	66.3	2%
Copper (000 Mt.)	912.0	906.0	1%
Gold (Mt.)	135.0	144.0	-6%
Gypsum (Mil. Mt.)	14.2	12.8	11%
Iron Ore (Mil. Mt.)	34.9	27.0	29%
Lead (000 Mt.)	220.0	219.0	0%
Molybdenum (000 Mt.)	31.8	37.7	-16%
Phosphate rock (Mil. Mt.)	16.6	18.0	-8%
Sand & gravel, construction (Mil. Mt.)	753.0	705.0	7%
Silver (Mt.)	773.0	760.0	2%
Soda ash (Mil. Mt.)	8.7	7.3	19%
Stone, crushed (Mil. Mt.)	1,140.0	1,110.0	3%
Zinc (000 Mt.)	530.0	505.0	5%

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



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	January 2022		January 2021		% Change of Stocks	December 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,169	349	3,386	365	-36.0%	2,851	365	-23.9%
	Subbituminous	-	-	72	189	-	-	-	-
South	Bituminous	11,824	100	19,198	144	-38.4%	14,515	114	-18.5%
	Subbituminous	3,559	67	5,886	111	-39.5%	3,921	68	-9.2%
Midwest	Bituminous	10,559	127	11,940	132	-11.6%	10,653	113	-0.9%
	Subbituminous	17,134	121	28,008	156	-38.8%	20,064	119	-14.6%
West	Bituminous	2,150	138	2,990	177	-28.1%	2,051	126	4.8%
	Subbituminous	19,178	120	25,175	132	-23.8%	18,838	105	1.8%
U.S. Total	Bituminous	26,702	119	37,515	151	-28.8%	30,071	124	-11.2%
	Subbituminous	39,871	113	59,141	139	-32.6%	42,822	106	-6.9%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

## EIA Working Natural Gas Underground Storage

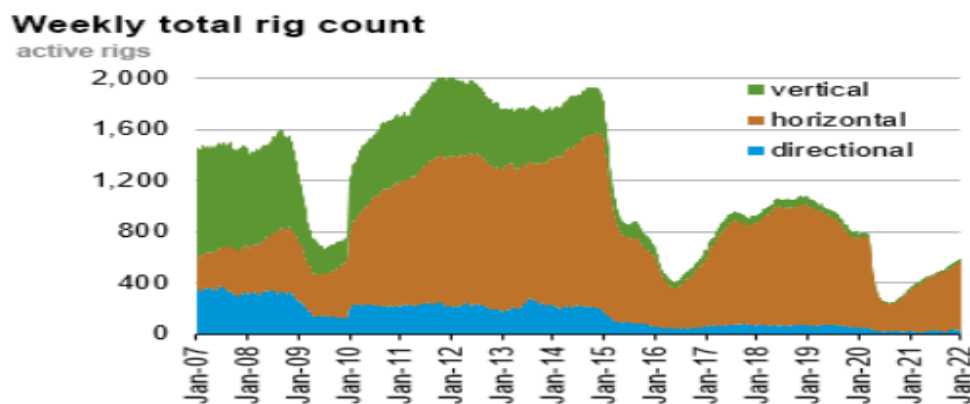
**Working gas in underground storage**

Region	Stocks billion cubic feet (Bcf)		
	2022-03-18	2022-03-11	change
East	268	290	-22
Midwest	318	337	-19
Mountain	87	87	0
Pacific	157	155	2
South Central	559	571	-12
<b>Total</b>	<b>1,389</b>	<b>1,440</b>	<b>-51</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



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

Region	NEW-WELL PRODUCTION PER RIG BY REGION			PRODUCTION BY REGION			DUC WELLS BY REGION		
	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day					
	March 2022	April 2022	change	March 2022	April 2022	change	March 2022	April 2022	change
Anadarko	764	749	(15)	3,890	3,773	(117)			
Appalachia	189	189	-	30,378	29,861	(517)			
Bakken	1,963	1,879	(84)	2,748	2,630	(118)			
Eagle Ford	2,116	2,053	(63)	7,597	7,369	(228)			
Haynesville	19	19	-	11,973	11,758	(215)			
Niobrara	1,593	1,577	(16)	4,201	4,117	(84)			
Permian	1,171	1,157	(14)	2,293	2,265	(28)			
Rig-weighted average	1,086	1,072	(14)	6,272	6,257	(15)			

Source: Energy Information Administration, *Drilling Productivity Report*

## USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - December 2021	Dec-21	Year to Date
U.S. Imports for Consumption - Metals (mt)	440	7,210
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	333	4,930
Reported Stocks of Cobalt Metal (mt)	<b>U.S. Govt</b>	<b>LME</b>
	302	256
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	32.78	31.26

Source: U.S. Geological Survey, Mineral Industry Survey, Mar. 2022

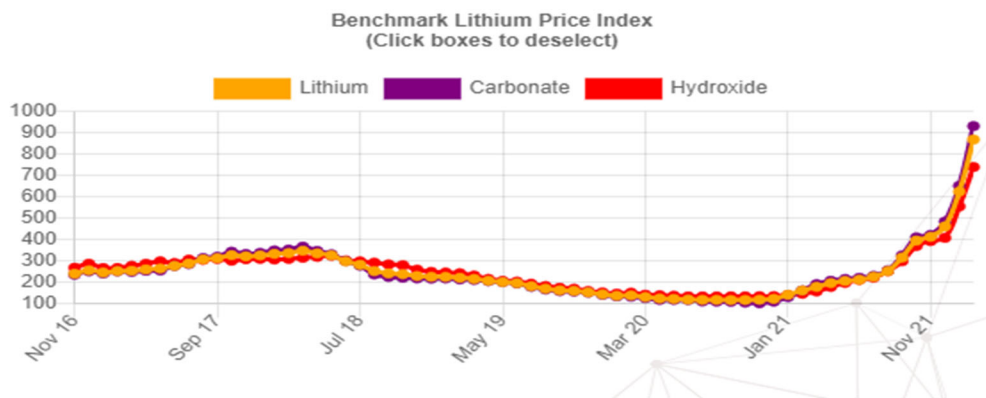
## Cobalt and Lithium Prices

### Cobalt Prices (US\$/pound):



Dailymetalprice.com: <https://www.dailymetalprice.com/metalpricecharts.php?c=co&u=lb&d=0>

### Lithium Price Index:



Sources: Benchmark Mineral Intelligence - <https://www.benchmarkminerals.com/lithium-prices/>