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# NATIONAL MINING ASSOCIATION

## *Weekly Statistical Summary*

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**April 15, 2022 Edition**  
**(Data for Week Ending April 9, 2022)**

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



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# NMA Weekly Statistical Summary

Vol. 60, No. 15  
Dated 04/15/22

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/09/22	04/10/21	% Chng	04/09/22	04/09/21	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	11,238	10,490	7.1%	161,786	153,764	5.2%
52 Weeks Ended	584,720	525,683	11.2%			
AAR Coal Rail Cars Loaded:	65,725	62,136	5.8%	926,330	844,349	9.7%
Coal Production	<b>March 22/21</b>		<b>% Chng</b>	<b>Jan - Mar 22/21</b>		<b>% Chng</b>
Month Ended - March	50,692	50,881	-0.4%	147,438	140,306	5.1%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Feb 22/21</b>		<b>% Chng</b>	<b>Jan - Feb 22/21</b>		<b>% Chng</b>
Metallurgical	3,998	3,709	7.8%	6,943	6,958	-0.2%
Steam Bit. *	3,159	3,652	-13.5%	5,917	6,092	-2.9%
Lignite	4	7	-42.9%	12	14	-14.3%
Anthracite	6	31	-80.6%	11	71	-84.5%
<b>Total</b>	<b>7,167</b>	<b>7,399</b>	<b>-3.1%</b>	<b>12,883</b>	<b>13,135</b>	<b>-1.9%</b>
<b>Imports:</b>	289	309	-6.5%	792	835	-5.1%
	Week Ended			Cumulative Week 1 to		
	04/09/22	04/09/21	% Chng	04/09/22	04/09/21	% Chng
<b>EEl Electric Total Output (Mil. Kwh)</b>	71,047	67,321	5.5%	1,160,732	1,125,923	3.1%
<b>EEl Coal Region Output (Mil. Kwh)</b>	61,162	57,840	5.7%	1,003,233	971,891	3.2%
<b>AISI Raw Steel Output (000 Tons)</b>	1,739	1,787	-2.7%	24,650	24,792	-0.6%

## 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)	
	04/08/22	04/01/22	% Chng	Wed.	04/06/22
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$106.15	\$106.15	0.0%	Henry Hub	6.25
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	92.00	92.00	0.0%	New York	6.25
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	109.55	109.55	0.0%	Chicago	6.24
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	16.10	16.10	0.0%	Cal.Comp.Avg.	6.27
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	36.35	36.35	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		
	4/9/2022 (week 14)	4/2/2022 (week 13)	4/10/2021 (week 14)	4/9/2022	4/9/2021	% Change	4/9/2022	4/10/2021	% Change
Alabama	149	156	155	2,517	3,310	-24.0	8,505	11,803	-27.9
Alaska	18	20	17	303	332	-8.7	1,011	1,035	-2.3
Colorado	231	216	190	3,055	2,665	14.6	12,240	9,763	25.4
Illinois	756	756	721	12,144	12,121	0.2	36,844	34,083	8.1
Indiana	353	354	340	5,068	5,317	-4.7	19,178	18,734	2.4
<b>Kentucky total</b>	<b>531</b>	<b>530</b>	<b>493</b>	<b>7,660</b>	<b>7,218</b>	<b>6.1</b>	<b>27,013</b>	<b>23,701</b>	<b>14.0</b>
Eastern (KY)	223	212	194	3,010	2,557	17.7	10,766	8,261	30.3
Western (KY)	307	318	298	4,650	4,661	-0.2	16,246	15,440	5.2
Louisiana	5	5	5	63	63	-0.7	299	303	-1.3
Maryland	26	26	21	371	370	0.3	1,310	1,116	17.4
Mississippi	66	61	61	865	890	-2.8	3,168	2,819	12.4
Missouri	1	1	1	20	20	0.5	44	131	-66.4
Montana	557	540	496	7,763	7,203	7.8	29,075	25,153	15.6
New Mexico	150	151	151	2,178	2,545	-14.4	8,879	9,375	-5.3
North Dakota	478	473	446	7,183	7,569	-5.1	26,099	26,043	0.2
Ohio	42	45	40	650	804	-19.2	2,603	3,052	-14.7
Oklahoma	s	s	.	s	.	100.0	1	.	.
<b>Pennsylvania total</b>	<b>899</b>	<b>931</b>	<b>840</b>	<b>13,894</b>	<b>12,843</b>	<b>8.2</b>	<b>43,323</b>	<b>37,251</b>	<b>16.3</b>
Anthracite (PA)	33	34	35	490	538	-9.1	2,036	2,180	-6.6
Bituminous (PA)	866	897	805	13,404	12,305	8.9	41,287	35,072	17.7
Texas	277	272	285	3,943	4,091	-3.6	17,065	18,155	-6.0
Utah	214	218	221	3,212	3,412	-5.9	12,115	12,660	-4.3
Virginia	223	222	193	3,200	2,927	9.3	11,221	9,396	19.4
<b>West Virginia total</b>	<b>1,580</b>	<b>1,582</b>	<b>1,456</b>	<b>23,307</b>	<b>21,744</b>	<b>7.2</b>	<b>80,046</b>	<b>69,057</b>	<b>15.9</b>
Northern (WV)	874	892	813	13,520	12,502	8.1	45,395	39,733	14.3
Southern (WV)	707	690	643	9,788	9,241	5.9	34,651	29,323	18.2
Wyoming	4,681	4,566	4,359	64,390	58,320	10.4	244,684	212,055	15.4
Appalachian total	3,143	3,175	2,899	46,950	44,555	5.4	157,774	139,935	12.7
<b>Interior total</b>	<b>1,766</b>	<b>1,766</b>	<b>1,711</b>	<b>26,752</b>	<b>27,163</b>	<b>-1.5</b>	<b>92,844</b>	<b>89,665</b>	<b>3.5</b>
<b>Western total</b>	<b>6,329</b>	<b>6,184</b>	<b>5,880</b>	<b>88,084</b>	<b>82,046</b>	<b>7.4</b>	<b>334,102</b>	<b>296,084</b>	<b>12.8</b>
<b>East of Mississippi River</b>	<b>4,626</b>	<b>4,664</b>	<b>4,320</b>	<b>69,676</b>	<b>67,543</b>	<b>3.2</b>	<b>233,209</b>	<b>211,011</b>	<b>10.5</b>
<b>West of Mississippi River</b>	<b>6,612</b>	<b>6,462</b>	<b>6,171</b>	<b>92,110</b>	<b>86,221</b>	<b>6.8</b>	<b>351,511</b>	<b>314,673</b>	<b>11.7</b>
Bituminous and lignite	11,205	11,092	10,455	161,297	153,225	5.3	582,684	523,504	11.3
Anthracite	33	34	35	490	538	-9.1	2,036	2,180	-6.6
<b>U.S. total</b>	<b>11,238</b>	<b>11,126</b>	<b>10,490</b>	<b>161,786</b>	<b>153,764</b>	<b>5.2</b>	<b>584,720</b>	<b>525,683</b>	<b>11.2</b>
Railroad cars loaded	65,725	63,932	62,136	926,330	844,349	9.7	3,408,774	2,964,358	15.0

Source: Energy Information Administration



**Weekly Electric Output**

**Volume 90 No. 15**

**OUTPUT FOR WEEK ENDED - Apr 09, 2022**

**Apr 13, 2022**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Apr 09, 2022** was **71,047** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **177** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended April 09		52 Weeks Ended April 09	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	1,986	9.2	116,622	0.9
Mid-Atlantic	7,106	9.3	420,913	1.9
Central Industrial	11,792	8.2	656,423	3.2
West Central	5,924	6.9	339,759	4.7
Southeast	17,527	6.2	1,018,461	1.9
South Central	13,829	2.3	790,747	3.7
Rocky Mountain	4,984	2.0	295,312	2.3
Pacific Northwest	3,104	0.1	159,644	3.6
Pacific Southwest	4,795	5.2	269,563	1.3
Total United States	71,047	5.5	4,067,445	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 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
Apr 02	71,560	Apr 03	68,183	5.0	Apr 02	4,063,718	2.7
Apr 09	71,047	Apr 10	67,321	5.5	Apr 09	4,067,444	2.7
<b>Apr 09</b>	<b>1,160,732</b>	<b>Apr 10</b>	<b>1,125,923</b>	<b>3.1</b>	<b>YEAR TO DATE, FIRST 15 WEEKS</b>		

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

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2022	Week Ended	2021	Week Ended	2020
Mar 19	173	Mar 20	171	Mar 21	177
Mar 26	171	Mar 27	161	Mar 28	170
Apr 02	177	Apr 03	165	Apr 04	164
Apr 09	177	Apr 10	165	Apr 11	164

\* 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		
	9-Apr 2022 GWh Output	10-Apr 2021 GWh Output	% Increase Over Corresponding Week	9-Apr 2022 GWh Output	10-Apr 2021 GWh Output	% Increase Over Corresponding Week	9-Apr 2022 GWh Output	10-Apr 2021 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	1,986	1,819	9.2%	<b>34,468</b>	<b>33,777</b>	<b>2.0%</b>	116,622	115,526	0.9%
<b>Mid-Atlantic</b>	7,106	6,503	9.3%	<b>122,021</b>	<b>119,405</b>	<b>2.2%</b>	420,913	413,052	1.9%
<b>Central Industrial</b>	11,792	10,899	8.2%	<b>194,309</b>	<b>188,927</b>	<b>2.8%</b>	656,423	635,788	3.2%
<b>West Central</b>	5,924	5,541	6.9%	<b>97,990</b>	<b>93,366</b>	<b>5.0%</b>	339,759	324,434	4.7%
<b>Southeast</b>	17,527	16,497	6.2%	<b>291,211</b>	<b>287,586</b>	<b>1.3%</b>	1,018,461	999,696	1.9%
<b>South Central</b>	13,829	13,515	2.3%	<b>216,516</b>	<b>203,786</b>	<b>6.2%</b>	790,747	762,841	3.7%
<b>Rocky Mountain</b>	4,984	4,885	2.0%	<b>81,186</b>	<b>78,821</b>	<b>3.0%</b>	295,312	288,720	2.3%
<b>Pacific Northwest</b>	3,104	3,102	0.1%	<b>52,553</b>	<b>51,081</b>	<b>2.9%</b>	159,644	154,138	3.6%
<b>Pacific Southwest</b>	4,795	4,560	5.2%	<b>70,478</b>	<b>69,175</b>	<b>1.9%</b>	269,563	266,203	1.3%
<b>Total United States <sup>1/</sup></b>	<b>71,047</b>	<b>67,321</b>	<b>5.5%</b>	<b>1,160,732</b>	<b>1,125,924</b>	<b>3.1%</b>	<b>4,067,444</b>	<b>3,960,398</b>	<b>2.7%</b>
<b>Coal Regions Only <sup>2/</sup></b>	61,162	57,840	5.7%	<b>1,003,233</b>	<b>971,891</b>	<b>3.2%</b>	3,521,615	3,424,531	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  
 25 Massachusetts Avenue, NW, Suite 800  
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April 11, 2022

**ESTIMATED WEEKLY RAW STEEL\* PRODUCTION**

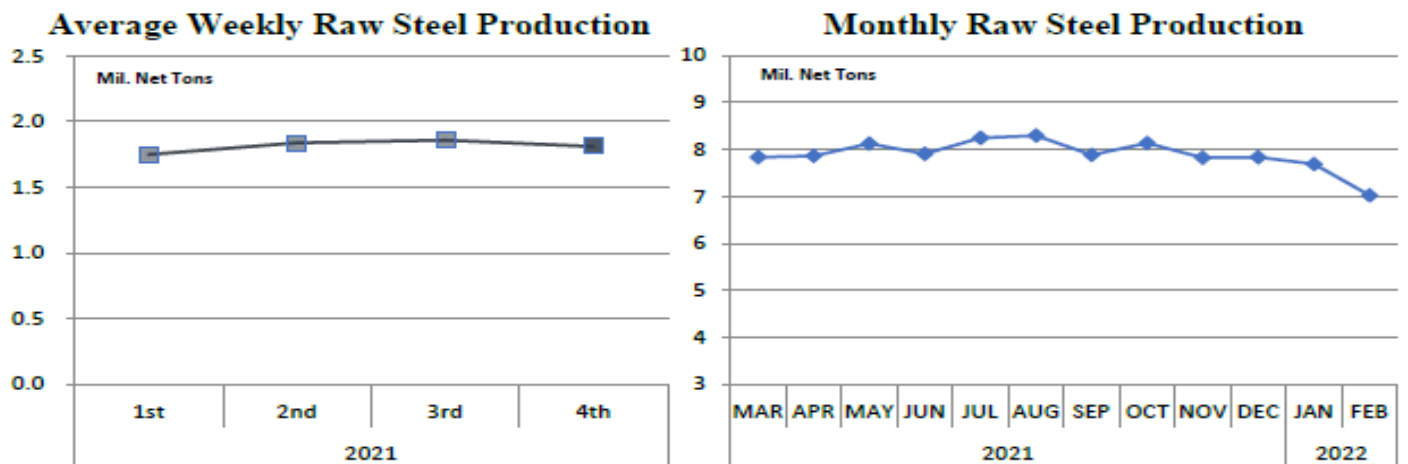
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>	
				<u>Week Ending</u>	
<u>Week Ending</u>				<u>Apr 9</u>	<u>Apr 2</u>
April 9, 2022	1,739	0.9	79.7	169	173
April 9, 2021	1,787	-2.7	78.8	539	565
April 2, 2022	1,724	-0.1	79.3	210	180
				745	731
				76	75
				<u>1,739</u>	<u>1,724</u>

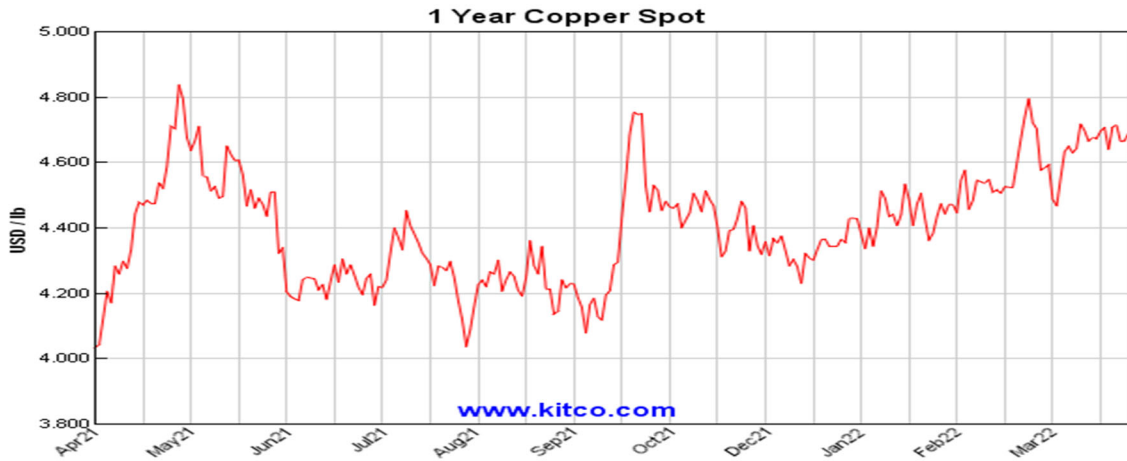
<u>Year-to-Date +</u>					
April 9, 2022	24,650	-0.6	80.2		
April 9, 2021	24,792	-	77.1		

\*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.



\*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 14, 2022 – Ended April 9, 2022**

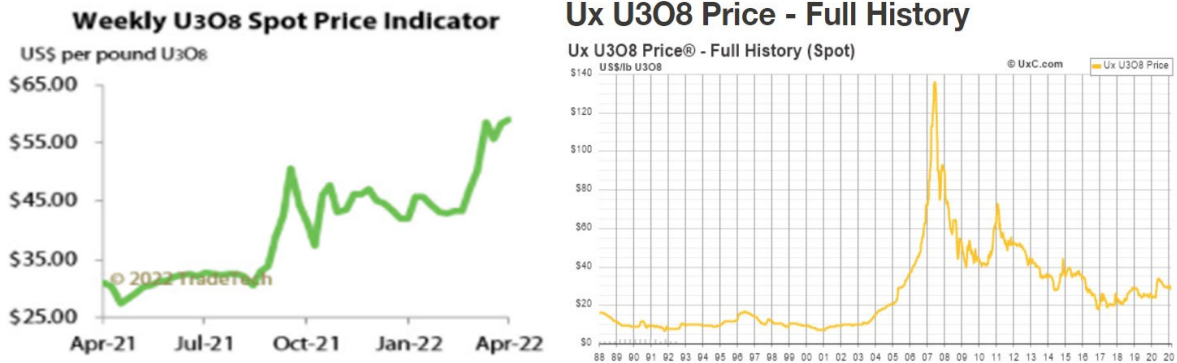
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk <sup>2</sup>	vs 2021
<b>Total Carloads</b>	<b>236,459</b>	<b>1.4%</b>	<b>3,223,599</b>	<b>230,257</b>	<b>2.5%</b>
Chemicals	35,152	3.5%	484,713	34,622	9.0%
Coal	65,725	5.7%	919,085	65,649	9.7%
Farm Products excl. Grain, and Food	16,526	5.9%	230,977	16,498	3.3%
Forest Products	9,708	1.2%	139,334	9,952	0.5%
Grain	24,243	-0.4%	327,816	23,415	-7.3%
Metallic Ores and Metals	20,711	-7.8%	283,794	20,271	-3.3%
Motor Vehicles and Parts	13,352	11.0%	178,895	12,778	-9.7%
Nonmetallic Minerals	31,915	2.1%	403,214	28,801	9.4%
Petroleum and Petroleum Products	9,319	-18.4%	129,627	9,259	-15.5%
Other	9,808	-5.3%	126,144	9,010	-4.6%
<b>Total Intermodal Units</b>	<b>271,884</b>	<b>-3.1%</b>	<b>3,641,782</b>	<b>260,127</b>	<b>-6.6%</b>
<b>Total Traffic</b>	<b>508,343</b>	<b>-1.0%</b>	<b>6,865,381</b>	<b>490,384</b>	<b>-2.5%</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.

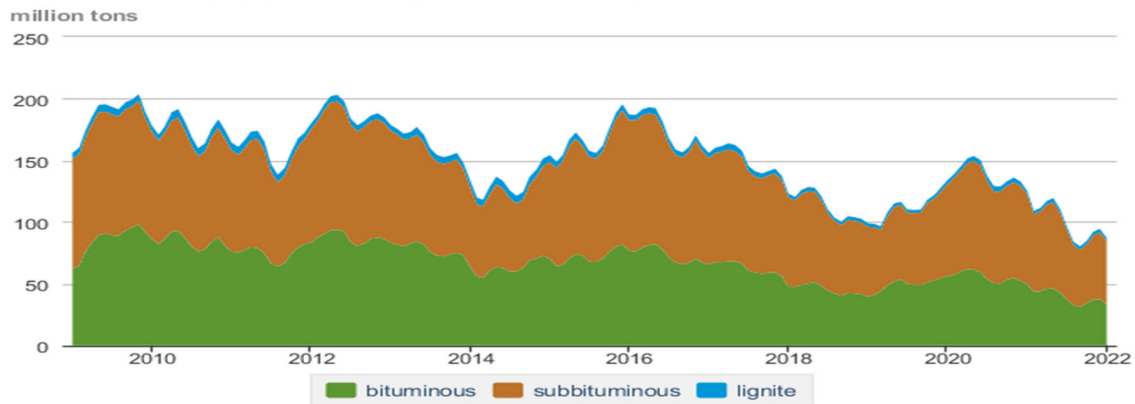
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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>

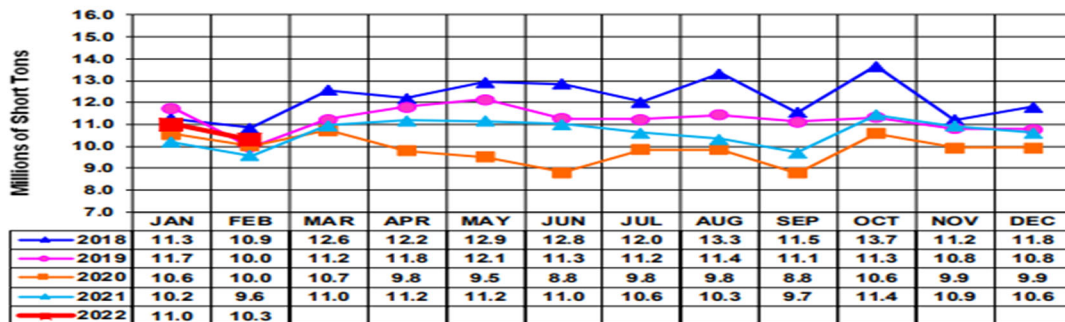
### Coal stocks by type, January 2009 - January 2022



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.

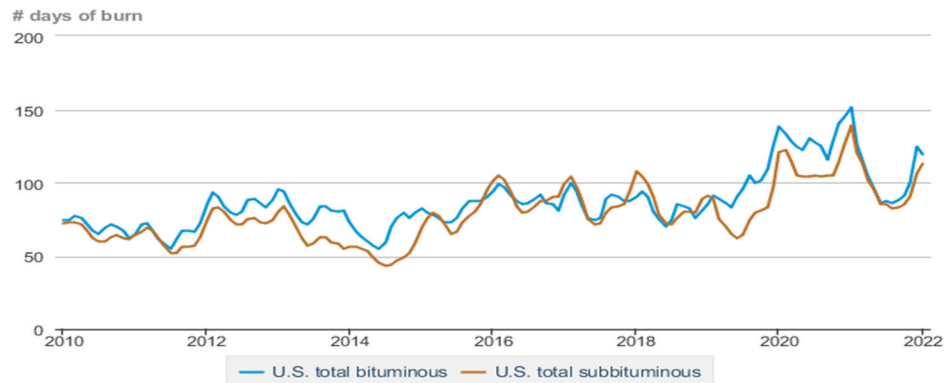
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices  
dollars per short ton

	Week ending					Week ago
	03/11/22	03/18/22	03/25/22	04/01/22	04/08/22	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$93.40	\$97.30	\$97.30	\$106.15	\$106.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$79.55	\$81.80	\$81.80	\$92.00	\$92.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$92.50	\$97.00	\$97.00	\$109.55	\$109.55	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$16.75	\$16.75	\$16.75	\$16.10	\$16.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$32.95	\$33.30	\$33.30	\$36.35	\$36.35	\$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 31)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	188	14	82	0	0	0
Middle Atlantic	189	31	102	0	0	0
E N Central	200	36	73	0	0	0
W N Central	192	31	45	0	-1	0
South Atlantic	104	17	63	13	0	-18
E S Central	91	9	41	2	-3	-5
W S Central	33	-12	2	22	8	2
Mountain	103	-37	-52	6	2	4
Pacific	66	-16	-8	0	-2	0
United States	136	12	42	6	1	-3

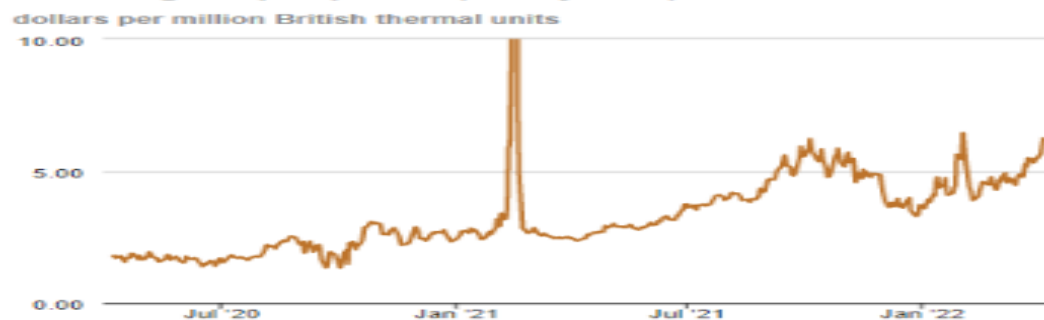
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration  
Note: HDDs=heating degree days; CDDs=cooling degree days

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

### 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	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

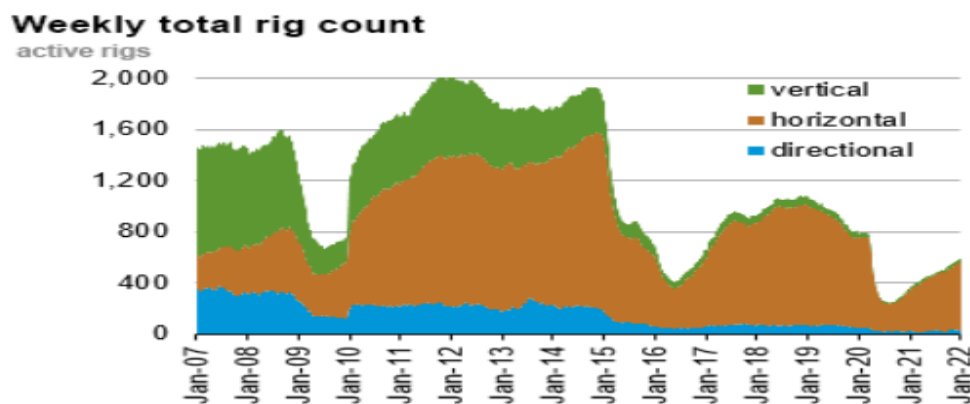
**Working gas in underground storage**

Region	Stocks billion cubic feet (Bcf)		
	2022-04-01	2022-03-25	change
East	241	268	-27
Midwest	296	317	-21
Mountain	91	89	2
Pacific	165	161	4
South Central	589	581	8
<b>Total</b>	<b>1,382</b>	<b>1,415</b>	<b>-33</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 - January 2022	Jan-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	754	754
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	454	454
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	256
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	34.11	31.84

Source: USGS, Mineral Industry Survey, Cobalt in January 2022, April 2022

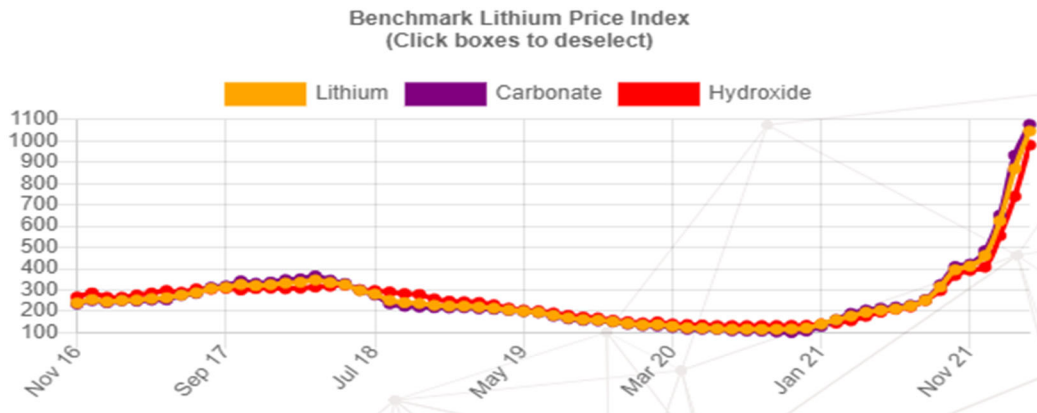
### Cobalt and Lithium Prices

#### 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/>