



# NATIONAL MINING ASSOCIATION

## WEEKLY STATISTICAL SUMMARY

**April 14, 2023 Edition**  
(Data for Week Ending April 8, 2023)

Prepared by  
**National Mining Association**

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# NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 14 | Dated 04/14/23

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/8/23	04/2/22	% Chg	04/8/23	04/8/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,074	11,281	-1.8%	164,191	162,168	1.2%
52 Weeks Ended	606,643	585,106	3.7%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	62,070	63,932	-2.9%	930,122	917,787	1.3%
Coal Production	Mar 23/22		% Chg	Jan - Mar 23/22		% Chg
Month Ended - March	53,111	51,438	3.3%	151,464	148,992	1.7%

## U.S. Department of Commerce Coal Trade (000 Tons)

	Feb 23/22		% Chg	Jan - Feb 23/22		% Chg
Coal Exports:						
Metallurgical	4,126	3,998	3.2%	8,175	6,943	17.7%
Steam Bit. *	3,815	3,159	20.8%	6,815	5,917	15.2%
Lignite	9	4	125.0%	17	12	41.7%
Anthracite	<u>50</u>	<u>6</u>	733.3%	<u>137</u>	<u>11</u>	1145.5%
Total	8,000	7,167	11.6%	15,144	12,883	17.6%
Coal Imports:	260	289	-10.0%	739	792	-6.7%

	Week Ended			Cumulative Week 1 to		
	04/8/23	04/9/22	% Chg	04/8/23	04/9/22	% Chg
EI Electric Total Output (Mil. Kwh)	71,516	71,047	0.7%	1,055,324	1,088,320	-3.0%
EI Coal Region Output (Mil. Kwh)	61,845	61,162	1.1%	908,206	942,409	-3.6%
AISI Raw Steel Output (000 Tons)	1,675	1,788	-6.3%	23,283	24,323	-4.3%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	04/07/23	03/31/23	% Chg	Wed.	4/5/23
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$94.35	\$91.55	3.1%	Henry Hub	2.17
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	85.55	83.00	3.1%	New York	1.92
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	78.45	78.45	0.0%	Chicago	2.16
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	14.85	14.90	-0.3%	Cal.Comp.Avg.	6.32
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	36.80	36.95	-0.4%		

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

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

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	4/8/2023 (week 14)	4/1/2023 (week 13)	4/2/2022 (week 14)	4/8/2023	4/8/2022	% Change	4/8/2023	4/2/2022	% Change
Alabama	220	223	195	2,891	2,809	2.9	10,660	8,908	19.7
Alaska	17	19	19	267	292	-8.5	1,004	1,003	0.1
Colorado	260	268	230	3,752	3,128	20.0	13,652	12,257	11.4
Illinois	769	802	743	10,793	10,293	4.9	39,596	34,903	13.4
Indiana	496	507	415	6,737	5,808	16.0	24,844	19,855	25.1
<b>Kentucky Total</b>	<b>551</b>	<b>583</b>	<b>542</b>	<b>8,168</b>	<b>7,750</b>	<b>5.4</b>	<b>29,368</b>	<b>26,980</b>	<b>8.9</b>
Eastern (KY)	250	259	222	3,600	3,107	15.9	12,738	10,718	18.8
Western (KY)	302	324	320	4,567	4,643	-1.6	16,630	16,262	2.3
Louisiana	6	6	5	78	69	13.8	322	304	5.9
Maryland	28	29	25	380	346	9.9	1,412	1,226	15.2
Mississippi	71	71	61	919	826	11.3	3,528	3,124	12.9
Missouri	2	2	1	21	19	11.7	77	43	79.1
Montana	521	553	540	7,826	7,670	2.0	28,892	28,976	-0.3
New Mexico	217	230	206	3,364	3,009	11.8	11,078	9,688	14.3
North Dakota	499	528	521	7,281	7,707	-5.5	26,720	26,627	0.3
Ohio	43	48	53	711	774	-8.2	2,472	2,723	-9.2
Oklahoma	s	s	s	s	s	6.5	2	1	100.0
<b>Pennsylvania Total</b>	<b>711</b>	<b>767</b>	<b>777</b>	<b>10,549</b>	<b>11,182</b>	<b>-5.7</b>	<b>39,861</b>	<b>40,793</b>	<b>-2.3</b>
Anthracite (PA)	50	54	48	770	687	12.1	2,643	2,229	18.6
Bituminous (PA)	661	713	729	9,779	10,496	-6.8	37,218	38,564	-3.5
Tennessee	s	s	s	1	s	NM	1	s	100.0
Texas	299	324	314	4,606	4,473	3.0	17,504	17,593	-0.5
Utah	169	191	229	2,900	3,461	-16.2	10,327	12,420	-16.9
Virginia	195	208	200	2,874	2,877	-0.1	11,169	10,866	2.8
<b>West Virginia Total</b>	<b>1,591</b>	<b>1,695</b>	<b>1,591</b>	<b>23,607</b>	<b>22,717</b>	<b>3.9</b>	<b>85,826</b>	<b>79,167</b>	<b>8.4</b>
Northern (WV)	897	953	889	13,291	12,758	4.2	48,300	44,631	8.2
Southern (WV)	695	743	702	10,316	9,959	3.6	37,525	34,536	8.7
Wyoming	4,407	4,684	4,613	66,465	66,957	-0.7	248,327	247,650	0.3
<b>Appalachian Total</b>	<b>3,039</b>	<b>3,229</b>	<b>3,062</b>	<b>44,613</b>	<b>43,813</b>	<b>1.8</b>	<b>164,139</b>	<b>154,401</b>	<b>6.3</b>
<b>Interior Total</b>	<b>1,945</b>	<b>2,036</b>	<b>1,860</b>	<b>27,723</b>	<b>26,131</b>	<b>6.1</b>	<b>102,504</b>	<b>92,084</b>	<b>11.3</b>
<b>Western Total</b>	<b>6,090</b>	<b>6,473</b>	<b>6,359</b>	<b>91,855</b>	<b>92,225</b>	<b>-0.4</b>	<b>340,000</b>	<b>338,621</b>	<b>0.4</b>
<b>East of Mississippi River</b>	<b>4,677</b>	<b>4,933</b>	<b>4,601</b>	<b>67,629</b>	<b>65,383</b>	<b>3.4</b>	<b>248,738</b>	<b>228,544</b>	<b>8.8</b>
<b>West of Mississippi River</b>	<b>6,397</b>	<b>6,804</b>	<b>6,679</b>	<b>96,562</b>	<b>96,785</b>	<b>-0.2</b>	<b>357,905</b>	<b>356,561</b>	<b>0.4</b>
Bituminous and Lignite	11,024	11,683	11,233	163,421	161,482	1.2	604,000	582,876	3.6
Anthracite	50	54	48	770	687	12.1	2,643	2,229	18.6
<b>U.S. Total</b>	<b>11,074</b>	<b>11,737</b>	<b>11,281</b>	<b>164,191</b>	<b>162,168</b>	<b>1.2</b>	<b>606,643</b>	<b>585,106</b>	<b>3.7</b>
Railroad Cars Loaded	62,070	65,627	63,932	930,122	917,787	1.3	3,494,970	3,405,186	2.6

Source: Energy Information Administration



## Weekly Electric Output

Volume 91 No. 14

### OUTPUT FOR WEEK ENDED - Apr 08, 2023

Apr 12, 2023

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Apr 08, 2023** was **71,516** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **185** on the weekly electric output index.

### WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 08		52 Weeks Ended April 08	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	1,883	-5.1	114,062	-2.2
Mid-Atlantic	6,689	-5.9	412,035	-2.1
Central Industrial	11,202	-5.0	647,541	-1.4
West Central	5,902	-0.4	339,787	0.0
Southeast	18,520	5.7	1,021,149	0.3
South Central	14,692	6.2	840,451	6.3
Rocky Mountain	4,841	-2.9	296,994	0.6
Pacific Northwest	3,233	4.1	162,336	1.7
Pacific Southwest	4,555	-5.0	275,551	2.2
Total United States	71,516	0.7	4,109,905	1.0

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

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Mar 18	74,499	Mar 19	70,813	5.2	Mar 18	4,105,968	1.2
Mar 25	74,307	Mar 26	70,186	5.9	Mar 25	4,110,090	1.2
Apr 01	70,906	Apr 02	71,560	-0.9	Apr 01	4,109,436	1.1
Apr 08	71,516	Apr 09	71,047	0.7	Apr 08	4,109,905	1.0
<b>Apr 08</b>	<b>1,055,324</b>	<b>Apr 09</b>	<b>1,088,320</b>	<b>-3.0</b>	<b>YEAR TO DATE, FIRST 14 WEEKS</b>		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2023	Week Ended	2022	Week Ended	2021
Mar 18	179	Mar 19	173	Mar 20	171
Mar 25	180	Mar 26	171	Mar 27	161
Apr 01	181	Apr 02	177	Apr 03	165
Apr 08	185	Apr 09	177	Apr 10	165

\* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	8-Apr 2023 GWh Output	9-Apr 2022 GWh Output	% Increase Over Corresponding Week	8-Apr 2023 GWh Output	9-Apr 2022 GWh Output	% Increase Over Corresponding Week	8-Apr 2023 GWh Output	9-Apr 2022 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	1,883	1,986	-5.2%	<b>30,508</b>	<b>32,225</b>	<b>-5.3%</b>	114,062	116,622	-2.2%
<b>Mid-Atlantic</b>	6,689	7,106	-5.9%	<b>107,136</b>	<b>114,567</b>	<b>-6.5%</b>	412,035	420,913	-2.1%
<b>Central Industrial</b>	11,202	11,792	-5.0%	<b>172,814</b>	<b>182,896</b>	<b>-5.5%</b>	647,541	656,423	-1.4%
<b>West Central</b>	5,902	5,924	-0.4%	<b>89,155</b>	<b>91,203</b>	<b>-2.2%</b>	339,787	339,759	0.0%
<b>Southeast</b>	18,520	17,527	5.7%	<b>259,861</b>	<b>275,268</b>	<b>-5.6%</b>	1,021,149	1,018,461	0.3%
<b>South Central</b>	14,692	13,829	6.2%	<b>202,927</b>	<b>203,012</b>	<b>0.0%</b>	840,451	790,747	6.3%
<b>Rocky Mountain</b>	4,841	4,984	-2.9%	<b>76,314</b>	<b>75,463</b>	<b>1.1%</b>	296,994	295,312	0.6%
<b>Pacific Northwest</b>	3,233	3,104	4.2%	<b>49,125</b>	<b>48,151</b>	<b>2.0%</b>	162,336	159,644	1.7%
<b>Pacific Southwest</b>	4,555	4,795	-5.0%	<b>67,485</b>	<b>65,535</b>	<b>3.0%</b>	275,551	269,563	2.2%
<b>Total United States<sup>1/</sup></b>	<u>71,516</u>	<u>71,047</u>	0.7%	<u><b>1,055,324</b></u>	<u><b>1,088,320</b></u>	<b>-3.0%</b>	4,109,905	4,067,444	1.0%
<b>Coal Regions Only<sup>2/</sup></b>	61,845	61,162	1.1%	<b>908,206</b>	<b>942,409</b>	<b>-3.6%</b>	3,557,956	3,521,615	1.0%

**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. Note: the year 2022 has an extra Saturday.**

<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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April 10, 2023

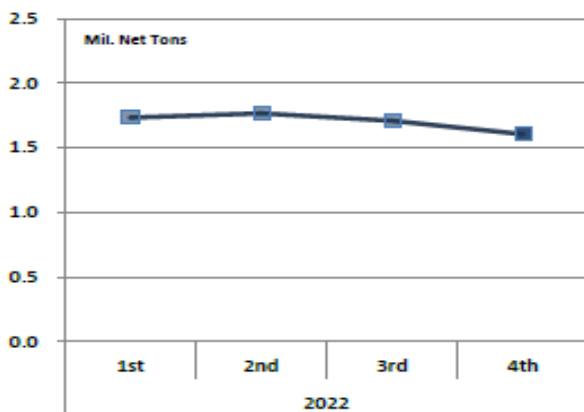
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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>Apr 8</u>	<u>Apr 1</u>	
<b><u>Week Ending</u></b>				North East	150	139
				Great Lakes	574	562
April 8, 2023	1,675	1.0	74.4	Midwest	206	222
April 8, 2022	1,788	-6.3	81.9	Southern	677	671
April 1, 2023	1,658	-1.3	74.2	Western	68	64
				<b>Total</b>	<b>1,675</b>	<b>1,658</b>
<b><u>Year-to-Date +</u></b>						
April 8, 2023	23,283	-4.3	74.4			
April 8, 2022	24,323	-	80.3			

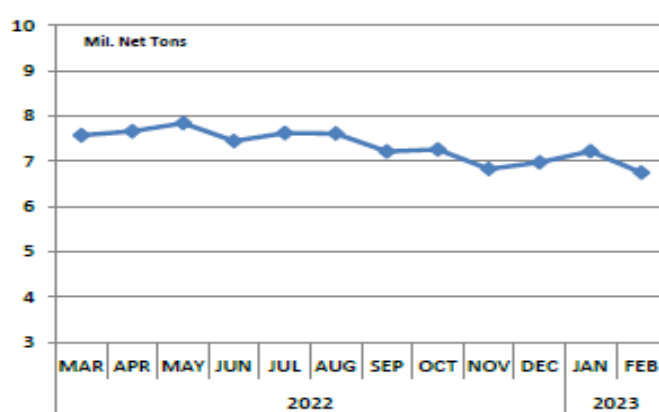
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Rate of capability utilization for December 2022 was approximately 70.6%.

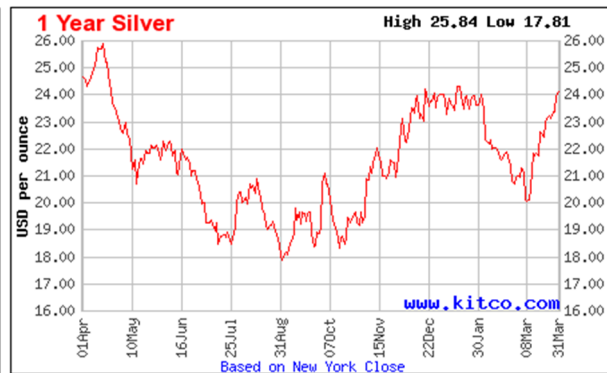
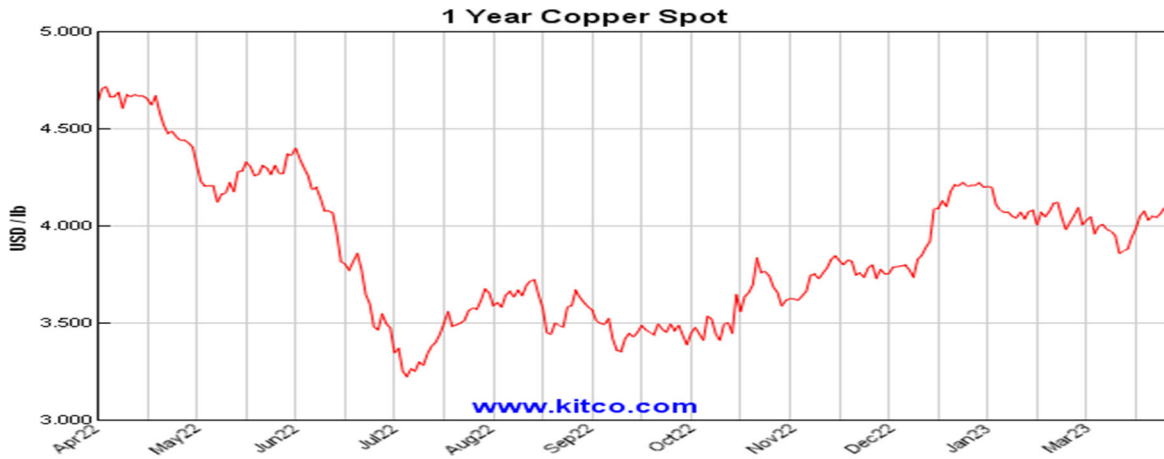
**Average Weekly Raw Steel Production**



**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 14, 2023 – Ended April 8, 2023

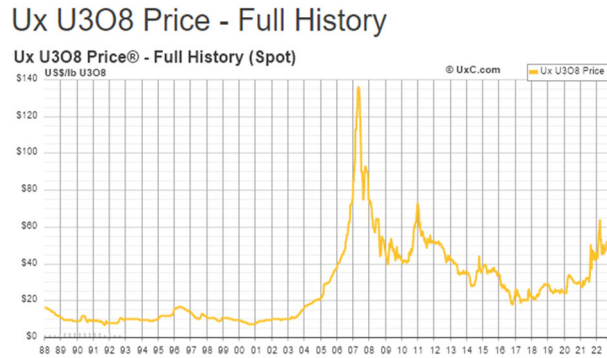
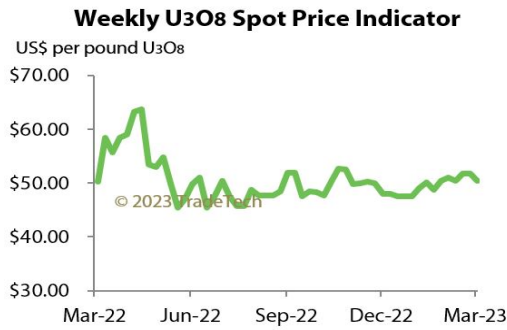
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk <sup>2</sup>	vs 2022
<b>Total Carloads</b>	<b>225,669</b>	<b>-4.6%</b>	<b>3,219,161</b>	<b>229,940</b>	<b>-0.1%</b>
Chemicals	31,525	-10.3%	450,701	32,193	-7.0%
Coal	62,070	-5.6%	930,122	66,437	1.2%
Farm Products excl. Grain, and Food	16,040	-3.0%	237,161	16,940	2.7%
Forest Products	9,042	-6.7%	130,399	9,314	-6.4%
Grain	20,105	-17.1%	302,844	21,632	-7.7%
Metallic Ores and Metals	21,230	2.6%	289,114	20,651	1.9%
Motor Vehicles and Parts	14,331	7.3%	196,087	14,006	9.6%
Nonmetallic Minerals	32,123	0.7%	418,150	29,868	3.7%
Petroleum and Petroleum Products	9,861	5.8%	144,940	10,353	11.8%
Other	9,342	-4.7%	119,643	8,546	-5.2%
<b>Total Intermodal Units</b>	<b>225,667</b>	<b>-17.0%</b>	<b>3,249,230</b>	<b>232,088</b>	<b>-10.8%</b>
<b>Total Traffic</b>	<b>451,336</b>	<b>-11.2%</b>	<b>6,468,391</b>	<b>462,028</b>	<b>-5.8%</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.

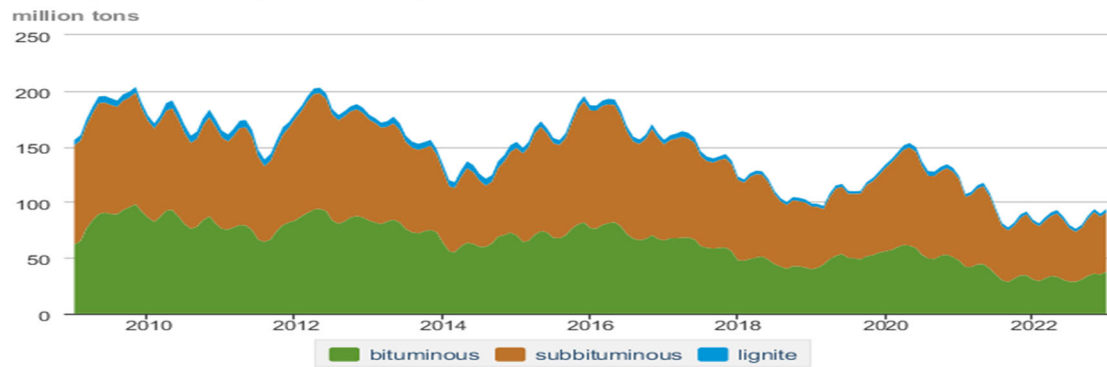
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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>

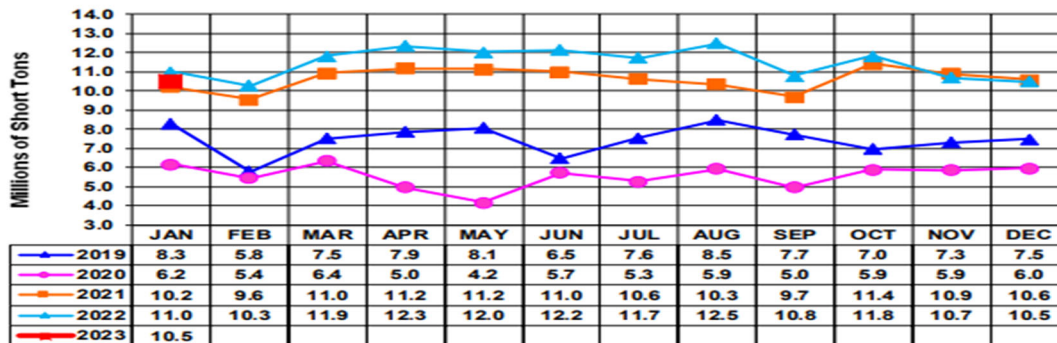
### Coal stocks by type, January 2009 - January 2023



eia Data 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

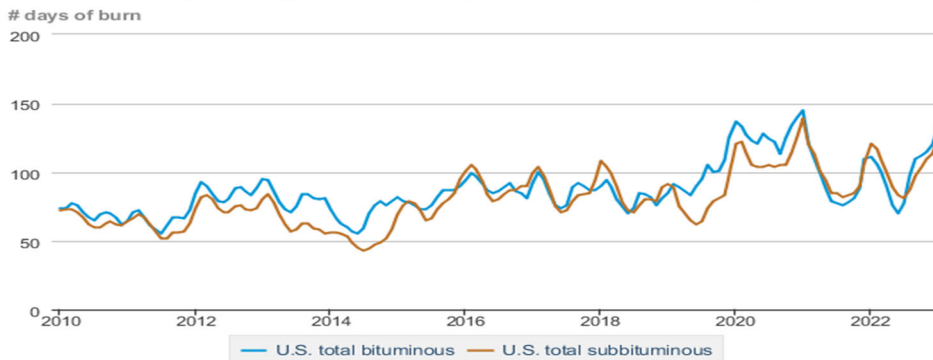
**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago
	03/10/23	03/17/23	03/24/23	03/31/23	04/07/23	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$128.60	\$88.80	\$88.80	\$91.55	\$94.35	\$2.80
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$97.50	\$80.50	\$80.50	\$83.00	\$85.55	\$2.55
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$107.00	\$78.45	\$78.45	\$78.45	\$78.45	\$0.00
Powder River Basin 8,600 Btu, 0.8 SO <sub>2</sub>	\$15.30	\$14.95	\$14.95	\$14.90	\$14.85	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$37.25	\$37.10	\$37.10	\$36.95	\$36.80	-\$0.15

Data 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 - January 2023**



 Data source: U.S. Energy Information Administration

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

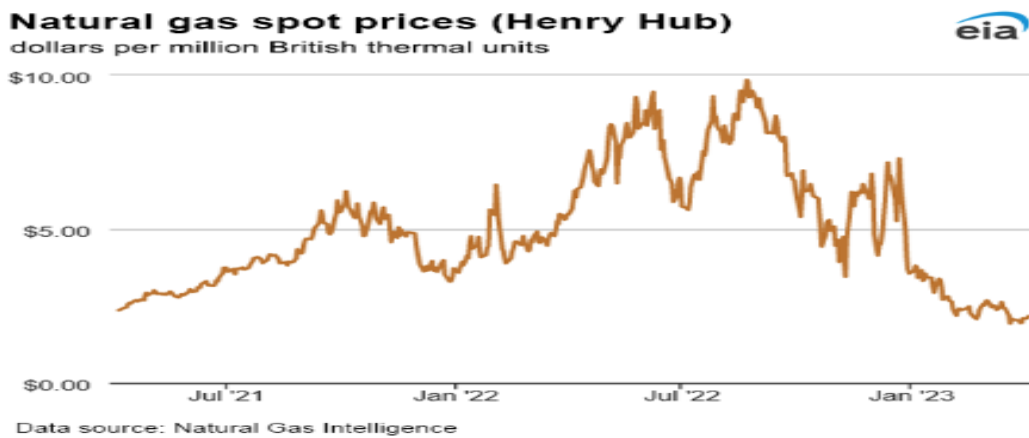
Region	Temperature – heating & cooling degree days (week ending Mar 30)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	171	-5	-24	0	0	0
Middle Atlantic	153	-7	-42	0	0	0
E N Central	175	8	-25	0	0	0
W N Central	207	44	19	0	-1	0
South Atlantic	61	-28	-45	23	11	10
E S Central	53	-30	-42	9	4	6
W S Central	40	-7	5	18	4	-4
Mountain	206	64	106	0	-4	-6
Pacific	136	55	79	0	-1	0
United States	139	14	4	7	2	1

Data source: National Oceanic and Atmospheric Administration  
Note: HDDs=heating degree days; CDDs=cooling degree days

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

U.S. Production of Selected Mineral Commodities	2022 Year to Date - 3rd Quarter	2021 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	649.0	628.0	3%
Cement (Mil. Mt.)	69.1	67.7	2%
Copper (000 Mt.)	931.0	911.0	2%
Gold (Mt.)	126.0	135.0	-7%
Gypsum (Mil. Mt.)	13.8	14.2	-3%
Iron Ore (Mil. Mt.)	34.2	38.3	-11%
Lead (000 Mt.)	205.0	218.0	-6%
Molybdenum (000 Mt.)	28.0	32.0	-13%
Palladium (Mt.)	7.6	10.7	-29%
Phosphate rock (Mil. Mt.)	15.8	16.7	-5%
Platinum (Mt.)	2.3	3.1	-26%
Sand & gravel, construction (Mil. Mt.)	724.0	707.0	2%
Silver (Mt.)	765.0	777.0	-2%
Soda ash (Mil. Mt.)	8.2	8.4	-2%
Stone, crushed (Mil. Mt.)	1,140.0	1,110.0	3%
Zinc (000 Mt.)	585.0	523.0	12%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2022 data are preliminary estimates. W - withheld, N/A - not available



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 2023		January 2022		% Change of Stocks	December 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,972	365	2,169	349	37.1%	2,521	365	17.9%
	Subbituminous								
South	Bituminous	17,040	133	11,824	100	44.1%	15,741	124	8.3%
	Subbituminous	4,232	86	3,559	67	18.9%	3,663	59	15.5%
Midwest	Bituminous	9,021	108	8,657	104	4.2%	8,608	89	4.8%
	Subbituminous	22,048	133	20,006	137	10.2%	22,997	141	-4.1%
West	Bituminous	2,127	151	2,150	138	-1.1%	2,131	153	-0.2%
	Subbituminous	19,914	125	19,178	120	3.8%	18,658	107	6.7%
U.S. Total	Bituminous	31,160	133	24,800	111	25.6%	29,000	120	7.4%
	Subbituminous	46,194	125	42,743	121	8.1%	45,317	113	1.9%

Source: Energy Information Administration, *Electricity Monthly Update*

## Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices		
	Date	Price
Cobalt Spot Price (\$/lb)	4/11/23	\$15.84
Copper Spot Price (\$/lb)	4/12/23	\$4.08
Gold Spot Price (\$/ounce)	4/12/23	\$2,011.49
Lithium Spot Price (\$/kg)	4/12/23	\$30.87
Molybdenum Spot Price (\$/kg)	4/11/23	\$74.00
Nickel Spot Price (\$/lb)	4/11/23	\$10.55
Silver Spot Price (\$/ounce)	4/12/23	\$25.39
Steel HRC Price (\$/mt)	4/12/23	\$1,132.80
Steel Rebar Price (\$/mt)	4/12/23	\$577.05
Zinc Spot Price (\$/lb)	4/12/23	\$1.26
Energy Prices		
	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	4/11/23	\$285.33
Coal Spot Price - Central Appalachian (\$/st)	4/7/23	\$94.35
Coal Spot Price - Newcastle futures (\$/mt)	4/11/23	\$194.04
Coal Spot Price - Rotterdam futures (\$/mt)	4/12/23	\$134.25
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	4/5/23	\$2.17
Uranium Spot Price (\$/lb)	3/30/23	\$50.35

Sources: publically available data from eia.gov, dailymetalprice.com, tradingeconomics.com, sgxgroup.com, investing.com

## EIA Working Natural Gas Underground Storage

### Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2023-03-31	2023-03-24	change
East	335	343	-8
Midwest	421	437	-16
Mountain	80	82	-2
Pacific	73	73	0
South Central	921	917	4
Total	1,830	1,853	-23

Data source: U.S. Energy Information Administration Form EIA-912, [Weekly Underground Natural Gas Storage Report](#)

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		
	March 2023	April 2023	change	March 2023	April 2023	change
Anadarko	672	673	1	3,921	3,952	31
Appalachia	190	191	1	24,578	24,161	(417)
Bakken	1,684	1,685	1	2,507	2,508	1
Eagle Ford	1,413	1,398	(15)	5,847	5,771	(76)
Haynesville	19	19	-	10,743	10,732	(11)
Niobrara	1,420	1,434	14	3,705	3,798	93
Permian	1,057	1,056	(1)	2,073	2,052	(21)
Rig-weighted average	944	939	(5)	5,343	5,298	(45)

Source: Energy Information Administration, [Drilling Productivity Report](#)

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

Cobalt - December 2022	Jan-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	593	593
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	408	408
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	159
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	18.38	22.06

Source: USGS, Mineral Industry Survey, Cobalt in January 2023, March 2023

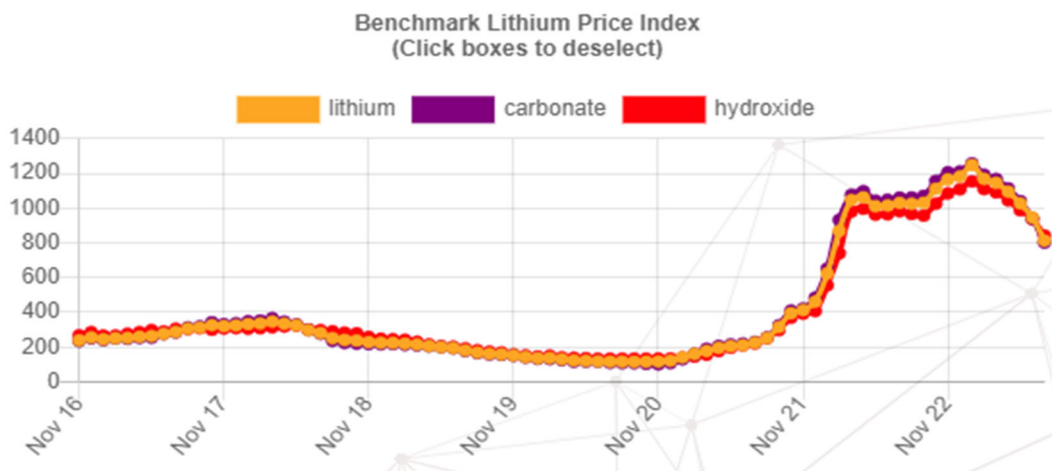
### Cobalt and Lithium Prices

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



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

#### Lithium Price Index:



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