



# NATIONAL MINING ASSOCIATION

## WEEKLY STATISTICAL SUMMARY

**March 3, 2023 Edition**  
(Data for Week Ending February 25, 2023)

Prepared by  
**National Mining Association**

101 Constitution Avenue NW, Suite 500 East  
Washington, DC 20001  
(202) 463-2600  
[www.nma.org](http://www.nma.org)



# NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 8 | Dated 03/03/23

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/25/23	02/19/22	% Chg	02/25/23	02/25/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,294	12,606	-10.4%	92,940	92,815	0.1%
52 Weeks Ended	607,190	583,240	4.1%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	64,218	71,293	-9.9%	528,436	524,992	0.7%
Coal Production	Jan 23/22		% Chg	Jan - Jan 23/22		% Chg
Month Ended - January	51,855	49,718	4.3%	51,855	49,718	4.3%

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

	Dec 22/21		% Chg	Jan - Dec 22/21		% Chg
Coal Exports:						
Metallurgical	3,335	3,955	-15.7%	46,411	45,336	2.4%
Steam Bit. *	3,204	3,392	-5.5%	37,818	39,517	-4.3%
Lignite	8	7	14.3%	84	78	7.7%
Anthracite	<u>74</u>	<u>48</u>	54.2%	<u>507</u>	<u>329</u>	54.1%
Total	6,621	7,402	-10.6%	84,820	85,260	-0.5%
Coal Imports:	292	689	-57.6%	6,314	5,390	17.1%

	Week Ended			Cumulative Week 1 to		
	02/25/23	02/26/22	% Chg	02/25/23	02/26/22	% Chg
EI Electric Total Output (Mil. Kwh)	74,362	79,110	-6.0%	615,367	655,163	-6.1%
EEI Coal Region Output (Mil. Kwh)	63,378	68,126	-7.0%	529,582	568,345	-6.8%
AISI Raw Steel Output (000 Tons)	1,674	1,755	-4.6%	13,100	13,954	-6.1%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	02/24/23	02/17/23	% Chg	Wed.	2/22/23
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$135.70	\$135.70	0.0%	Henry Hub	2.08
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	100.75	100.75	0.0%	New York	1.98
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	123.75	123.75	0.0%	Chicago	2.20
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	15.50	15.50	0.0%	Cal.Comp.Avg.	7.96
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	37.40	37.40	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

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

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	2/25/2023 (week 8)	2/18/2023 (week 7)	2/19/2022 (week 8)	2/25/2023	2/25/2022	% Change	2/25/2023	2/19/2022	% Change
Alabama	188	195	219	1,541	1,610	-4.3	10,018	9,171	9.2
Alaska	19	18	23	149	170	-12.7	962	1,024	-6.1
Colorado	252	283	237	2,161	1,748	23.6	14,102	12,104	16.5
Illinois	747	721	787	5,890	5,798	1.6	38,171	35,869	6.4
Indiana	444	477	447	3,707	3,288	12.7	23,367	19,723	18.5
<b>Kentucky total</b>	<b>562</b>	<b>585</b>	<b>601</b>	<b>4,630</b>	<b>4,424</b>	<b>4.6</b>	<b>29,156</b>	<b>26,801</b>	<b>8.8</b>
Eastern (KY)	245	263	239	2,048	1,758	16.5	12,545	10,477	19.7
Western (KY)	317	322	362	2,582	2,666	-3.2	16,611	16,324	1.8
Louisiana	5	6	5	43	38	13.7	311	302	3.0
Maryland	25	27	26	209	195	7.0	1,380	1,245	10.8
Mississippi	59	67	63	503	461	9.3	3,483	3,166	10.0
Missouri	1	2	1	12	11	7.9	61	44	38.6
Montana	541	568	593	4,482	4,367	2.6	29,767	28,868	3.1
New Mexico	236	249	235	1,968	1,733	13.6	11,706	9,520	23.0
North Dakota	489	527	606	4,105	4,461	-8.0	27,282	26,650	2.4
Ohio	51	51	61	411	447	-7.9	2,636	2,745	-4.0
Oklahoma	s	s	s	s	s	-15.3	2	1	100.0
<b>Pennsylvania total</b>	<b>716</b>	<b>735</b>	<b>870</b>	<b>5,865</b>	<b>6,404</b>	<b>-8.4</b>	<b>38,804</b>	<b>41,662</b>	<b>-6.9</b>
Anthracite (PA)	54	55	53	441	394	11.9	2,612	2,181	19.8
Bituminous (PA)	663	680	816	5,424	6,010	-9.7	36,192	39,481	-8.3
Tennessee	s	s	.	s	.	100.0	1	.	.
Texas	319	332	347	2,637	2,552	3.4	17,578	17,480	0.6
Utah	216	203	275	1,702	2,021	-15.8	11,349	12,468	-9.0
Virginia	197	201	224	1,610	1,648	-2.3	10,929	10,913	0.1
<b>West Virginia total</b>	<b>1,633</b>	<b>1,664</b>	<b>1,761</b>	<b>13,305</b>	<b>12,966</b>	<b>2.6</b>	<b>85,098</b>	<b>79,133</b>	<b>7.5</b>
Northern (WV)	914	942	991	7,502	7,296	2.8	47,976	44,675	7.4
Southern (WV)	718	722	770	5,803	5,670	2.3	37,122	34,457	7.7
Wyoming	4,593	4,799	5,225	38,010	38,473	-1.2	251,026	244,352	2.7
<b>Appalachian total</b>	<b>3,055</b>	<b>3,136</b>	<b>3,399</b>	<b>24,989</b>	<b>25,028</b>	<b>-0.2</b>	<b>161,412</b>	<b>155,346</b>	<b>3.9</b>
<b>Interior total</b>	<b>1,893</b>	<b>1,924</b>	<b>2,012</b>	<b>15,374</b>	<b>14,814</b>	<b>3.8</b>	<b>99,583</b>	<b>92,908</b>	<b>7.2</b>
<b>Western total</b>	<b>6,347</b>	<b>6,647</b>	<b>7,195</b>	<b>52,577</b>	<b>52,973</b>	<b>-0.7</b>	<b>346,194</b>	<b>334,986</b>	<b>3.3</b>
<b>East of Mississippi River</b>	<b>4,622</b>	<b>4,722</b>	<b>5,058</b>	<b>37,671</b>	<b>37,241</b>	<b>1.2</b>	<b>243,044</b>	<b>230,428</b>	<b>5.5</b>
<b>West of Mississippi River</b>	<b>6,672</b>	<b>6,986</b>	<b>7,548</b>	<b>55,269</b>	<b>55,574</b>	<b>-0.5</b>	<b>364,145</b>	<b>352,812</b>	<b>3.2</b>
Bituminous and lignite	11,241	11,652	12,552	92,499	92,421	0.1	604,578	581,059	4.0
Anthracite	54	55	53	441	394	11.9	2,612	2,181	19.8
<b>U.S. total</b>	<b>11,294</b>	<b>11,707</b>	<b>12,606</b>	<b>92,940</b>	<b>92,815</b>	<b>0.1</b>	<b>607,190</b>	<b>583,240</b>	<b>4.1</b>
Railroad cars loaded	64,218	66,566	71,293	528,436	524,992	0.7	3,484,826	3,382,963	3.0

Source: Energy Information Administration

EEI

**Weekly Electric Output**

**Volume 91 No. 8**

**OUTPUT FOR WEEK ENDED - Feb 25, 2023**

**Mar 01, 2023**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Feb 25, 2023** was **74,362** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended February 25		52 Weeks Ended February 25	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,272	-1.7	114,253	-1.8
Mid-Atlantic	7,675	-5.4	412,584	-1.7
Central Industrial	11,904	-9.1	648,445	-0.6
West Central	6,314	-5.3	339,630	0.7
Southeast	17,667	-5.6	1,019,457	0.4
South Central	14,336	-9.7	837,047	6.7
Rocky Mountain	5,482	-3.2	296,230	0.5
Pacific Northwest	3,842	-1.5	160,957	0.8
Pacific Southwest	4,870	2.0	274,502	1.8
Total United States	74,362	-6.0	4,103,105	1.3

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

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Feb 04	83,834	Feb 05	84,301	-0.6	Feb 04	4,115,801	1.5
Feb 11	75,319	Feb 12	79,531	-5.3	Feb 11	4,111,588	1.5
Feb 18	75,037	Feb 19	78,773	-4.7	Feb 18	4,107,853	1.6
Feb 25	74,362	Feb 26	79,110	-6.0	Feb 25	4,103,105	1.3
<b>Feb 25</b>	<b>615,367</b>	<b>Feb 26</b>	<b>655,163</b>	<b>-6.1</b>	<b>YEAR TO DATE, FIRST 8 WEEKS</b>		

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

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2023	Week Ended	2022	Week Ended	2021
Feb 04	196	Feb 05	203	Feb 06	176
Feb 11	178	Feb 12	193	Feb 13	190
Feb 18	178	Feb 19	194	Feb 20	197
Feb 25	178	Feb 26	181	Feb 27	169

\* 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		
	25-Feb 2023 GWh Output	26-Feb 2022 GWh Output	% Increase Over Corresponding Week	25-Feb 2023 GWh Output	26-Feb 2022 GWh Output	% Increase Over Corresponding Week	25-Feb 2023 GWh Output	26-Feb 2022 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	2,272	2,310	-1.6%	<b>18,189</b>	<b>19,715</b>	<b>-7.7%</b>	114,253	116,311	-1.8%
<b>Mid-Atlantic</b>	7,675	8,113	-5.4%	<b>63,081</b>	<b>69,962</b>	<b>-9.8%</b>	412,584	419,703	-1.7%
<b>Central Industrial</b>	11,904	13,089	-9.1%	<b>101,308</b>	<b>110,486</b>	<b>-8.3%</b>	648,445	652,659	-0.6%
<b>West Central</b>	6,314	6,669	-5.3%	<b>52,402</b>	<b>54,608</b>	<b>-4.0%</b>	339,630	337,255	0.7%
<b>Southeast</b>	17,667	18,716	-5.6%	<b>150,565</b>	<b>167,664</b>	<b>-10.2%</b>	1,019,457	1,015,219	0.4%
<b>South Central</b>	14,336	15,877	-9.7%	<b>116,949</b>	<b>120,437</b>	<b>-2.9%</b>	837,047	784,833	6.7%
<b>Rocky Mountain</b>	5,482	5,662	-3.2%	<b>45,277</b>	<b>45,188</b>	<b>0.2%</b>	296,230	294,625	0.5%
<b>Pacific Northwest</b>	3,842	3,900	-1.5%	<b>28,574</b>	<b>28,980</b>	<b>-1.4%</b>	160,957	159,691	0.8%
<b>Pacific Southwest</b>	4,870	4,774	2.0%	<b>39,022</b>	<b>38,122</b>	<b>2.4%</b>	274,502	269,533	1.8%
<b>Total United States <sup>1/</sup></b>	<b>74,362</b>	<b>79,110</b>	<b>-6.0%</b>	<b>615,367</b>	<b>655,162</b>	<b>-6.1%</b>	<b>4,103,105</b>	<b>4,049,829</b>	<b>1.3%</b>
<b>Coal Regions Only <sup>2/</sup></b>	63,378	68,126	-7.0%	<b>529,582</b>	<b>568,345</b>	<b>-6.8%</b>	3,553,393	3,504,294	1.4%

**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  
 25 Massachusetts Avenue, NW, Suite 800  
 Washington, D.C. 20001

February 27, 2023

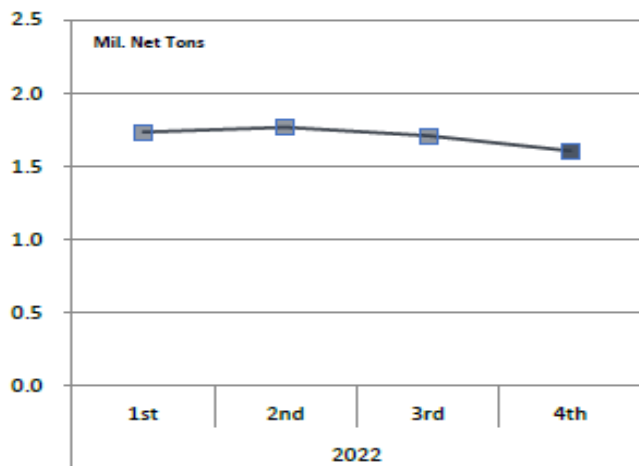
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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>Feb 25</u>	<u>Feb 18</u>	
<b><u>Week Ending</u></b>				North East	146	156
				Great Lakes	520	512
February 25, 2023	1,674	1.2	74.9	Midwest	209	202
February 25, 2022	1,755	-4.6	80.8	Southern	732	724
February 18, 2023	1,654	-0.6	74.0	Western	<u>67</u>	<u>62</u>
				Total	1,674	1,656
<b><u>Year-to-Date +</u></b>						
February 25, 2023	13,100	-6.1	73.2			
February 25, 2022	13,954	-	80.3			

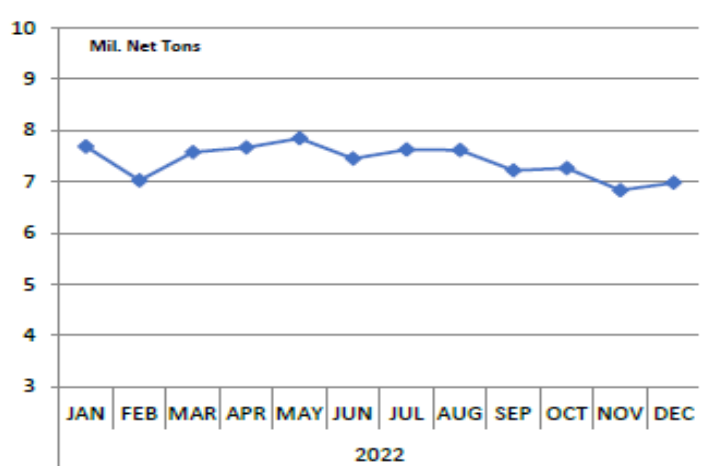
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

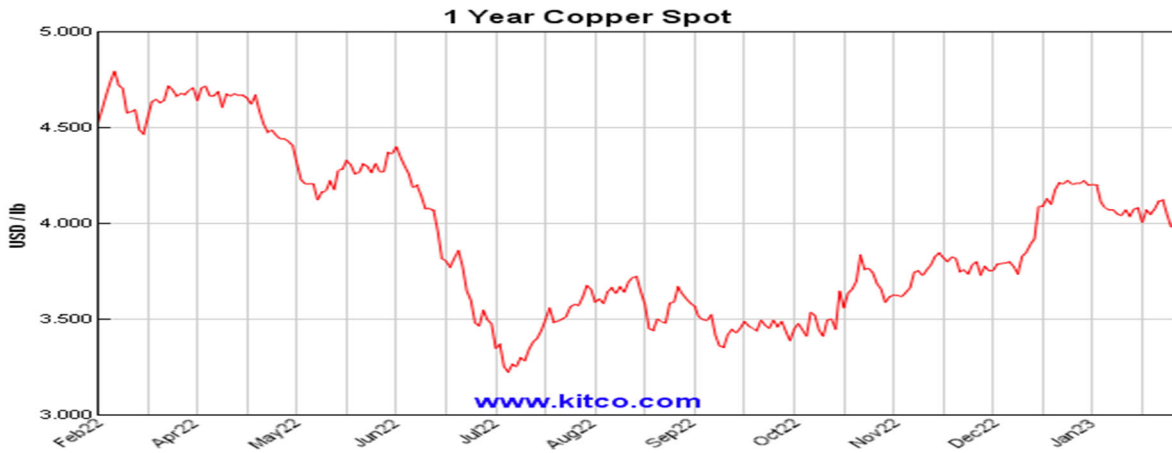
NOTE: Rate of capability utilization for December 2022 was approximately 70.6%.

**Average Weekly Raw Steel Production**



**Monthly Raw Steel Production**





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

**U.S. Rail Traffic<sup>1</sup>**  
**Week 8, 2023 – Ended February 25, 2023**

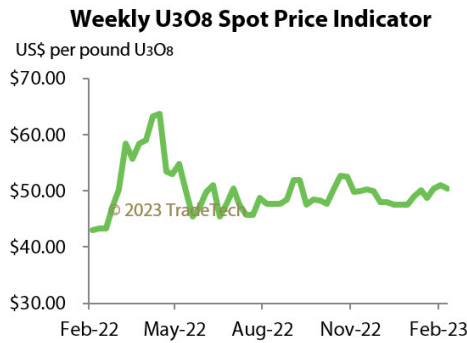
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk <sup>2</sup>	vs 2022
<b>Total Carloads</b>	<b>226,435</b>	<b>0.1%</b>	<b>1,829,440</b>	<b>228,680</b>	<b>0.3%</b>
Chemicals	32,234	-5.0%	253,310	31,664	-8.0%
Coal	64,218	-4.4%	528,436	66,055	-0.9%
Farm Products excl. Grain, and Food	17,267	8.7%	135,106	16,888	4.4%
Forest Products	9,731	-2.2%	73,860	9,233	-7.7%
Grain	20,511	-7.7%	182,783	22,848	-3.6%
Metallic Ores and Metals	20,457	2.2%	164,017	20,502	1.9%
Motor Vehicles and Parts	13,733	5.1%	107,033	13,379	11.1%
Nonmetallic Minerals	30,142	11.0%	232,168	29,021	8.4%
Petroleum and Petroleum Products	10,629	21.6%	85,218	10,652	14.0%
Other	7,513	-7.6%	67,509	8,439	-5.0%
<b>Total Intermodal Units</b>	<b>232,798</b>	<b>-11.1%</b>	<b>1,863,907</b>	<b>232,988</b>	<b>-8.3%</b>
<b>Total Traffic</b>	<b>459,233</b>	<b>-5.9%</b>	<b>3,693,347</b>	<b>461,668</b>	<b>-4.2%</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.

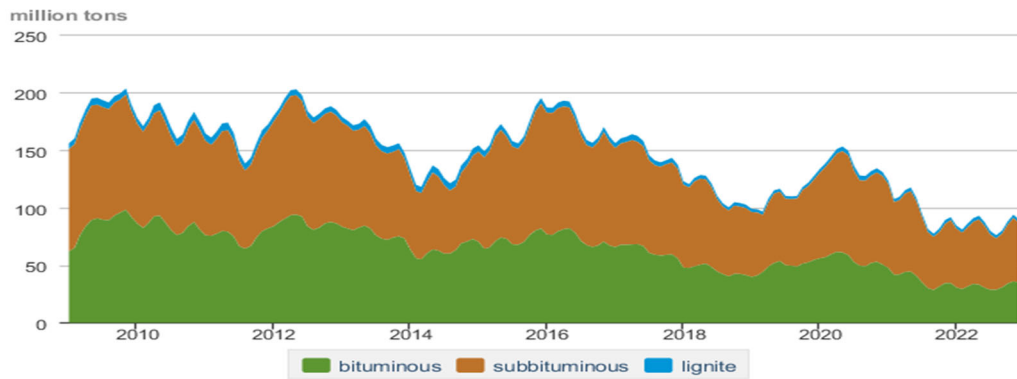
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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>

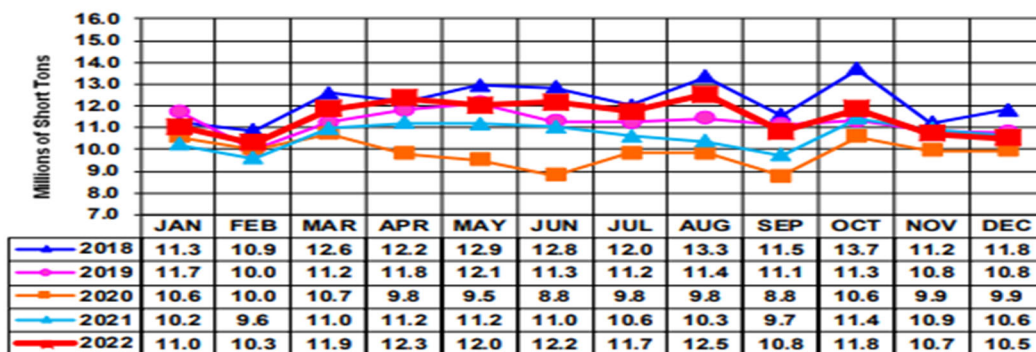
### Coal stocks by type, January 2009 - December 2022



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

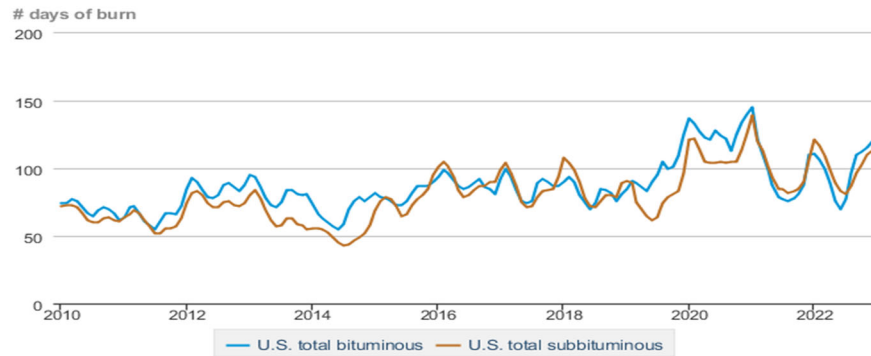
Average weekly coal commodity spot prices  
dollars per short ton

	Week ending					Week ago
	01/27/23	02/03/23	02/10/23	02/17/23	02/24/23	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$142.25	\$131.65	\$131.65	\$135.70	\$135.70	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$117.75	\$97.75	\$97.75	\$100.75	\$100.75	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$140.00	\$123.75	\$123.75	\$123.75	\$123.75	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$15.45	\$15.40	\$15.40	\$15.50	\$15.50	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$37.70	\$37.55	\$37.55	\$37.40	\$37.40	\$0.00

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 - December 2022



eia Data source: U.S. Energy Information Administration

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

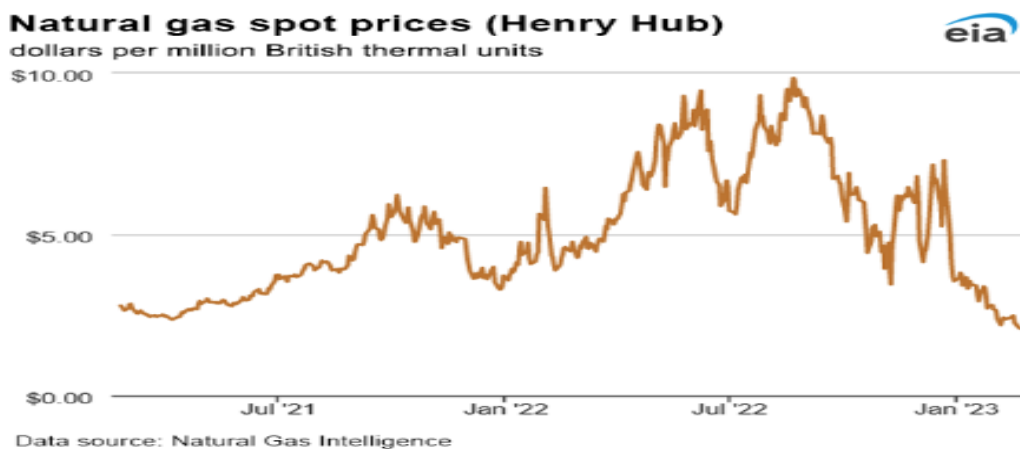
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	171	-91	-71	0	0	0
Middle Atlantic	154	-95	-83	0	0	0
E N Central	190	-80	-77	0	0	0
W N Central	236	-38	-37	0	0	0
South Atlantic	102	-60	-48	8	1	4
E S Central	107	-55	-42	1	1	1
W S Central	103	-8	8	3	-1	1
Mountain	237	33	61	0	-1	0
Pacific	137	34	74	0	0	0
United States	161	-41	-25	2	1	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	December 2022		December 2021		% Change of Stocks	November 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,521	365	2,851	365	-11.6%	2,579	365	-2.3%
	Subbituminous								
South	Bituminous	15,741	124	14,515	114	8.4%	16,264	122	-3.2%
	Subbituminous	3,663	59	3,921	68	-6.6%	3,708	65	-1.2%
Midwest	Bituminous	8,608	89	7,700	77	11.8%	8,395	84	2.5%
	Subbituminous	22,997	141	20,064	119	14.6%	23,752	140	-3.2%
West	Bituminous	2,131	153	2,051	126	3.9%	2,385	157	-10.6%
	Subbituminous	18,658	107	18,838	105	-1.0%	19,245	106	-3.1%
U.S. Total	Bituminous	29,000	120	27,117	110	6.9%	29,624	115	-2.1%
	Subbituminous	45,317	113	42,822	106	5.8%	46,705	110	-3.0%

Source: Energy Information Administration, *Electricity Monthly Update*

**Mining-Related Commodity Prices**

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	2/27/2023	\$15.50
Copper Spot Price (\$/lb)	2/28/2023	\$4.09
Gold Spot Price (\$/ounce)	2/28/2023	\$1,810.20
Lithium Spot Price (\$/kg)	2/28/2023	\$55.13
Molybdenum Spot Price (\$/kg)	2/27/2023	\$96.00
Nickel Spot Price (\$/lb)	2/27/2023	\$11.47
Silver Spot Price (\$/ounce)	2/28/2023	\$20.52
Steel HRC Price (\$/mt)	2/28/2023	\$1,192.80
Steel Rebar Price (\$/mt)	2/28/2023	\$600.76
Zinc Spot Price (\$/lb)	2/28/2023	\$1.37
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	2/28/2023	\$335.00
Coal Spot Price - Central Appalachian (\$/st)	2/24/2023	\$135.70
Coal Spot Price - Newcastle futures (\$/mt)	2/28/2023	\$189.26
Coal Spot Price - Rotterdam futures (\$/mt)	2/28/2023	\$144.50
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	2/22/2023	\$2.08
Uranium Spot Price (\$/lb)	2/27/2023	\$51.00

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)		
	2023-02-17	2023-02-10	change
East	479	498	-19
Midwest	575	601	-26
Mountain	106	114	-8
Pacific	108	122	-14
South Central	926	931	-5
Total	2,195	2,266	-71

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		
	February 2023	March 2023	change	February 2023	March 2023	change
Anadarko	690	691	1	3,892	3,927	35
Appalachia	191	191	-	25,004	24,578	(426)
Bakken	1,704	1,705	1	2,550	2,557	7
Eagle Ford	1,486	1,469	(17)	6,017	5,939	(78)
Haynesville	19	19	-	10,722	10,711	(11)
Niobrara	1,375	1,368	(7)	3,408	3,364	(44)
Permian	1,061	1,060	(1)	2,083	2,062	(21)
Rig-weighted average	950	948	(2)	5,400	5,336	(64)

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - December 2022	Dec-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	678	7,210
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	460	5,320
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	165
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	20.61	23.24

Source: USGS, Mineral Industry Survey, Cobalt in December 2022, February 2023

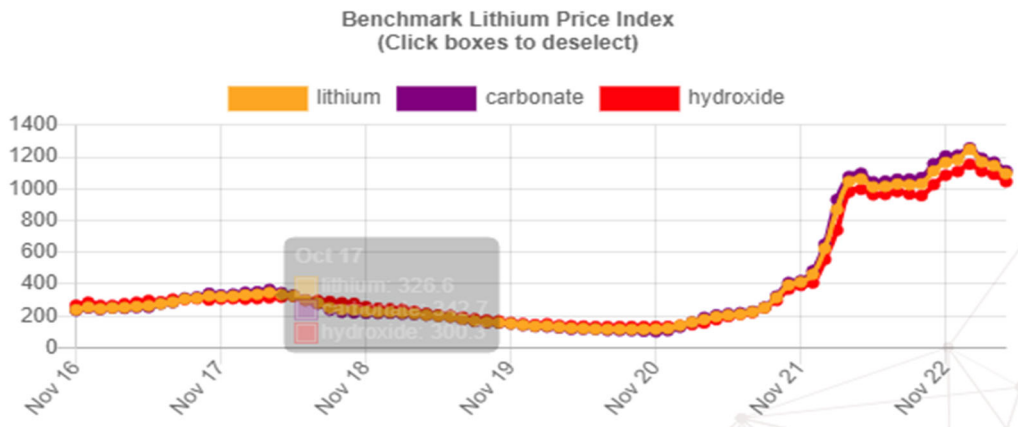
### Cobalt and Lithium Prices

#### 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/>