



# **NATIONAL MINING ASSOCIATION**

## **WEEKLY STATISTICAL SUMMARY**

**November 10, 2023 Edition**  
(Data for Week Ending November 4, 2023)

Prepared by  
**National Mining Association**

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# NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 44 | Dated 11/10/23

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/04/23	10/29/22	% Chg	11/04/23	11/04/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,130	12,144	-8.3%	498,296	506,740	-1.7%
52 Weeks Ended	595,877	595,355	0.1%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	65,298	70,984	-8.0%	2,897,104	2,914,504	-0.6%
Coal Production	Oct 23/22		% Chg	Jan - Oct 23/22		% Chg
Month Ended - October	49,074	51,332	-4.4%	491,840	499,729	-1.6%

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

	September 23/22		% Chg	Jan - Sep 23/22		% Chg
Coal Exports:						
Metallurgical	4,366	4,270	2.2%	38,603	35,129	9.9%
Steam Bit. *	4,339	2,787	55.7%	34,391	28,439	20.9%
Lignite	5	6	-16.7%	74	60	23.3%
Anthracite	<u>39</u>	<u>27</u>	44.4%	<u>588</u>	<u>334</u>	76.0%
Total	8,749	7,090	23.4%	73,656	63,962	15.2%
Coal Imports:	314	531	-40.9%	3,029	4,928	-38.5%

	Week Ended			Cumulative Week 1 to		
	11/04/23	11/05/22	% Chg	11/04/23	11/05/22	% Chg
EEl Electric Total Output (Mil. Kwh)	72,785	69,293	5.0%	3,480,302	3,525,320	-1.3%
EEl Coal Region Output (Mil. Kwh)	63,094	59,762	5.6%	3,026,227	3,060,910	-1.1%
AISI Raw Steel Output (000 Tons)	1,699	1,594	6.6%	75,322	75,855	-0.7%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	11/03/23	10/27/23	% Chg	Wed.	11/01/23
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$71.25	\$71.25	0.0%	Henry Hub	3.19
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	52.05	50.50	3.1%	New York	2.18
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	51.00	48.50	5.2%	Chicago	2.73
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	14.00	14.00	0.0%	Cal.Comp.Avg.	4.98
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	29.85	29.85	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

<b>EIA Estimated Weekly U.S. Coal Production Overview</b>									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	11/4/2023 (week 44)	10/28/2023 (week 43)	10/29/2022 (week 44)	11/4/2023	11/4/2022	% Change	11/4/2023	10/29/2022	% Change
Alabama	225	216	214	9,788	8,921	9.7	11,506	10,075	14.2
Alaska	22	22	24	895	838	6.7	1,091	1,002	8.9
Colorado	212	201	247	10,059	11,017	-8.7	12,042	13,162	-8.5
Illinois	731	694	744	33,269	32,199	3.3	39,247	36,868	6.5
Indiana	530	525	524	22,285	19,804	12.5	26,493	22,713	16.6
<b>Kentucky Total</b>	<b>558</b>	<b>553</b>	<b>594</b>	<b>25,111</b>	<b>24,204</b>	<b>3.7</b>	<b>29,882</b>	<b>28,376</b>	<b>5.3</b>
Eastern (KY)	248	243	258	11,013	10,189	8.1	13,088	11,861	10.3
Western (KY)	310	310	335	14,098	14,015	0.6	16,794	16,514	1.7
Louisiana	6	6	7	255	258	-1.5	309	302	2.3
Maryland	28	26	31	1,159	1,231	-5.8	1,412	1,404	0.6
Mississippi	50	45	64	2,266	2,910	-22.2	2,777	3,332	-16.7
Missouri	2	3	2	106	59	78.9	122	62	96.8
Montana	496	491	542	23,974	24,333	-1.5	28,328	28,911	-2.0
New Mexico	152	153	191	7,617	9,175	-17.0	9,151	10,932	-16.3
North Dakota	478	455	508	21,250	23,076	-7.9	25,329	26,851	-5.7
Ohio	35	32	48	1,615	2,150	-24.9	1,998	2,610	-23.4
Oklahoma	s	s	s	2	1	10.4	2	2	s
<b>Pennsylvania Total</b>	<b>794</b>	<b>779</b>	<b>858</b>	<b>35,311</b>	<b>33,708</b>	<b>4.8</b>	<b>42,204</b>	<b>39,748</b>	<b>6.2</b>
Anthracite (PA)	56	53	56	2,309	2,085	10.8	2,757	2,455	12.3
Bituminous (PA)	739	727	802	33,002	31,624	4.4	39,446	37,293	5.8
Tennessee	.	.	.	1	s	4.8	1	s	100.0
Texas	294	269	371	12,237	14,412	-15.1	15,219	17,366	-12.4
Utah	137	130	180	6,432	9,429	-31.8	7,877	11,354	-30.6
Virginia	232	228	240	9,950	9,347	6.5	11,875	10,989	8.1
<b>West Virginia Total</b>	<b>1,669</b>	<b>1,595</b>	<b>1,710</b>	<b>74,857</b>	<b>71,270</b>	<b>5.0</b>	<b>88,596</b>	<b>83,318</b>	<b>6.3</b>
Northern (WV)	887	867	962	40,329	40,057	0.7	48,061	47,102	2.0
Southern (WV)	782	728	748	34,528	31,213	10.6	40,535	36,217	11.9
Wyoming	4,478	4,430	5,048	199,855	208,395	-4.1	240,417	245,977	-2.3
<b>Appalachian Total</b>	<b>3,232</b>	<b>3,119</b>	<b>3,358</b>	<b>143,695</b>	<b>136,817</b>	<b>5.0</b>	<b>170,679</b>	<b>160,007</b>	<b>6.7</b>
<b>Interior Total</b>	<b>1,923</b>	<b>1,852</b>	<b>2,047</b>	<b>84,518</b>	<b>83,659</b>	<b>1.0</b>	<b>100,963</b>	<b>97,160</b>	<b>3.9</b>
<b>Western Total</b>	<b>5,975</b>	<b>5,882</b>	<b>6,739</b>	<b>270,083</b>	<b>286,264</b>	<b>-5.7</b>	<b>324,235</b>	<b>338,189</b>	<b>-4.1</b>
<b>East of Mississippi River</b>	<b>4,852</b>	<b>4,694</b>	<b>5,025</b>	<b>215,613</b>	<b>205,745</b>	<b>4.8</b>	<b>255,989</b>	<b>239,433</b>	<b>6.9</b>
<b>West of Mississippi River</b>	<b>6,278</b>	<b>6,160</b>	<b>7,119</b>	<b>282,682</b>	<b>300,995</b>	<b>-6.1</b>	<b>339,887</b>	<b>355,921</b>	<b>-4.5</b>
Bituminous and Lignite	11,075	10,801	12,088	495,987	504,656	-1.7	593,120	592,899	s
Anthracite	56	53	56	2,309	2,085	10.8	2,757	2,455	12.3
<b>U.S. Total</b>	<b>11,130</b>	<b>10,854</b>	<b>12,144</b>	<b>498,296</b>	<b>506,740</b>	<b>-1.7</b>	<b>595,877</b>	<b>595,355</b>	<b>0.1</b>
Railroad Cars Loaded	65,298	63,676	70,984	2,897,104	2,914,504	-0.6	3,467,477	3,429,617	1.1

Source: Energy Information Administration



**Weekly Electric Output**

**Volume 91 No. 44**

**OUTPUT FOR WEEK ENDED - Nov 04, 2023**

**Nov 08, 2023**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Nov 04, 2023** was **72,785** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **186** on the weekly electric output index.

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

	Week Ended November 04		52 Weeks Ended November 04	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	1,987	4.1	111,307	-3.9
Mid-Atlantic	7,122	6.0	404,716	-3.2
Central Industrial	11,438	8.0	639,894	-2.2
West Central	6,088	6.4	340,087	0.0
Southeast	18,387	3.1	1,012,466	-1.5
South Central	14,614	7.6	865,805	4.4
Rocky Mountain	5,445	2.4	294,510	-0.1
Pacific Northwest	2,904	1.8	161,367	1.0
Pacific Southwest	4,800	0.6	267,731	-2.2
Total United States	72,785	5.0	4,097,883	-0.4

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

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Oct 14	68,978	Oct 15	70,244	-1.8	Oct 14	4,092,610	-0.5
Oct 21	69,105	Oct 22	69,780	-1.0	Oct 21	4,091,935	-0.6
Oct 28	71,340	Oct 29	68,883	3.6	Oct 28	4,094,392	-0.5
Nov 04	72,785	Nov 05	69,293	5.0	Nov 04	4,097,883	-0.4
<b>Nov 04</b>	<b>3,480,302</b>	<b>Nov 05</b>	<b>3,525,320</b>	<b>-1.3</b>	<b>YEAR TO DATE, FIRST 44 WEEKS</b>		

**WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.\***  
**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2023	Week Ended	2022	Week Ended	2021
Oct 14	170	Oct 15	181	Oct 16	185
Oct 21	174	Oct 22	183	Oct 23	175
Oct 28	184	Oct 29	180	Oct 30	177
Nov 04	186	Nov 05	173	Nov 06	173

\* Excludes Alaska and Hawaii.

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

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## EEI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION (48 CONTIGUOUS STATES)

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	4-Nov	5-Nov	% Increase Over Corresponding Week	4-Nov	5-Nov	% Increase Over Corresponding Week	4-Nov	5-Nov	% Increase Over Corresponding Week
	2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output	
<b>New England</b>	1,987	1,908	4.1%	<b>93,614</b>	<b>98,086</b>	<b>-4.6%</b>	111,307	115,783	-3.9%
<b>Mid-Atlantic</b>	7,122	6,716	6.0%	<b>342,422</b>	<b>357,171</b>	<b>-4.1%</b>	404,716	418,112	-3.2%
<b>Central Industrial</b>	11,438	10,588	8.0%	<b>540,568</b>	<b>558,298</b>	<b>-3.2%</b>	639,894	654,197	-2.2%
<b>West Central</b>	6,088	5,723	6.4%	<b>287,870</b>	<b>289,620</b>	<b>-0.6%</b>	340,087	340,089	0.0%
<b>Southeast</b>	18,387	17,839	3.1%	<b>859,133</b>	<b>883,218</b>	<b>-2.7%</b>	1,012,466	1,027,432	-1.5%
<b>South Central</b>	14,614	13,581	7.6%	<b>746,616</b>	<b>721,351</b>	<b>3.5%</b>	865,805	829,502	4.4%
<b>Rocky Mountain</b>	5,445	5,315	2.4%	<b>249,619</b>	<b>251,252</b>	<b>-0.6%</b>	294,510	294,818	-0.1%
<b>Pacific Northwest</b>	2,904	2,852	1.8%	<b>131,979</b>	<b>131,971</b>	<b>0.0%</b>	161,367	159,817	1.0%
<b>Pacific Southwest</b>	4,800	4,771	0.6%	<b>228,482</b>	<b>234,352</b>	<b>-2.5%</b>	267,731	273,754	-2.2%
<b>Total United States <sup>1/</sup></b>	<u>72,785</u>	<u>69,293</u>	5.0%	<u><b>3,480,302</b></u>	<u><b>3,525,319</b></u>	<b>-1.3%</b>	4,097,883	4,113,504	-0.4%
<b>Coal Regions Only <sup>2/</sup></b>	63,094	59,762	5.6%	<b>3,026,227</b>	<b>3,060,910</b>	<b>-1.1%</b>	3,557,478	3,564,150	-0.2%

**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. **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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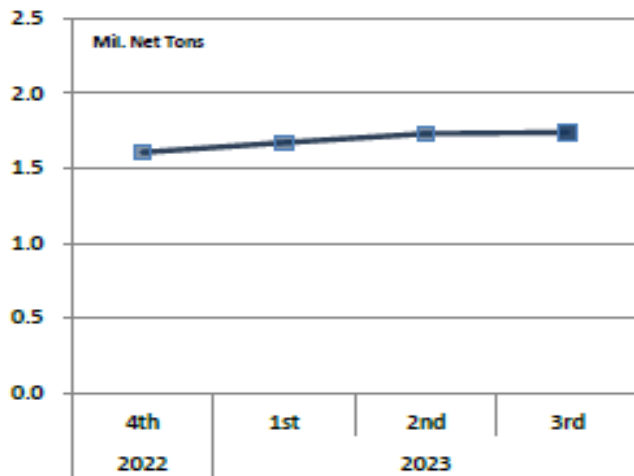
November 6, 2023

**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

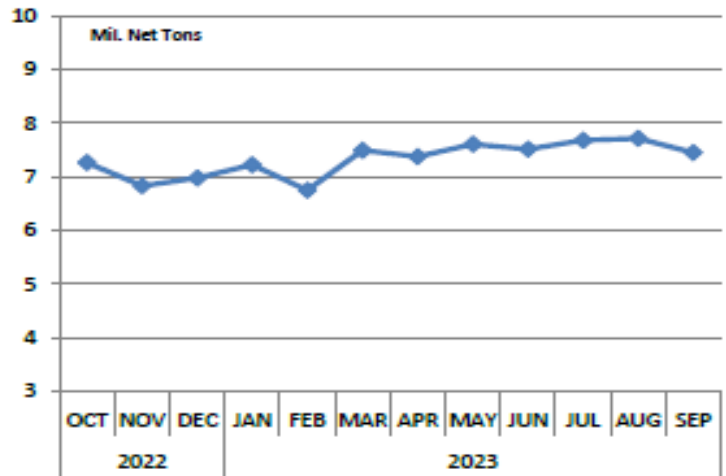
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Nov 4</u>	<u>Oct 28</u>	
<b><u>Week Ending</u></b>				North East	132	136
				Great Lakes	555	561
Nov 4, 2023	1,699	-0.5	73.9	Midwest	179	177
Nov 4, 2022	1,594	6.6	71.5	Southern	762	766
Oct 28, 2023	1,707	0.2	74.3	Western	<u>71</u>	<u>67</u>
				Total	1,699	1,707
<b><u>Year-to-Date +</u></b>						
Nov 4, 2023	75,322	-0.7	75.8			
Nov 4, 2022	75,855	-	78.1			

\*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.

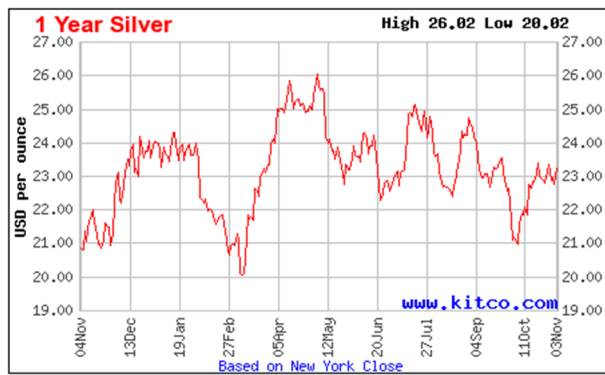
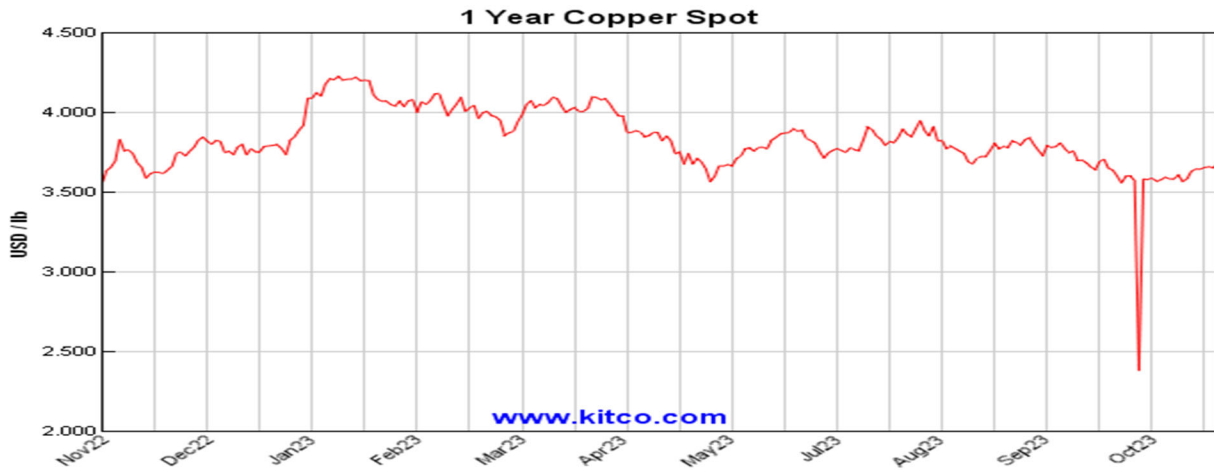
**Average Weekly Raw Steel Production**



**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 44, 2023 – Ended November 4, 2023**

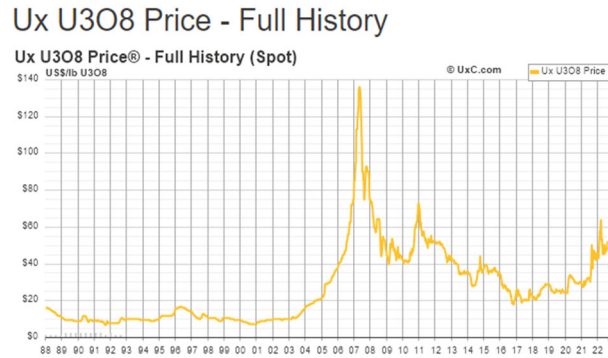
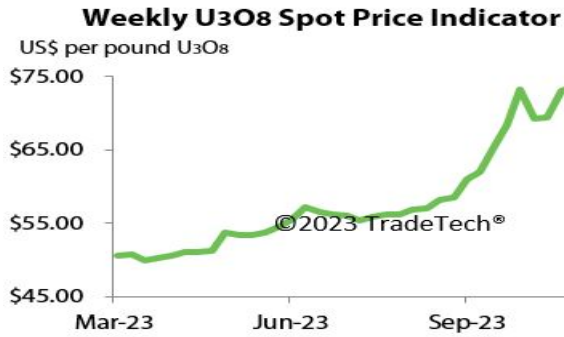
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk <sup>2</sup>	vs 2022
<b>Total Carloads</b>	<b>224,415</b>	<b>-5.2%</b>	<b>9,920,836</b>	<b>225,474</b>	<b>0.1%</b>
Chemicals	30,096	-4.7%	1,368,765	31,108	-2.1%
Coal	65,298	-4.4%	2,897,088	65,843	-0.7%
Farm Products excl. Grain, and Food	17,101	1.6%	713,195	16,209	1.1%
Forest Products	8,027	-5.7%	356,410	8,100	-6.7%
Grain	21,395	-14.6%	811,449	18,442	-12.0%
Metallic Ores and Metals	19,198	-4.1%	912,103	20,730	4.6%
Motor Vehicles and Parts	14,841	2.5%	657,424	14,941	12.6%
Nonmetallic Minerals	31,218	-7.6%	1,409,587	32,036	2.9%
Petroleum and Petroleum Products	9,527	2.9%	418,429	9,510	10.7%
Other	7,714	-12.9%	376,386	8,554	-1.8%
<b>Total Intermodal Units</b>	<b>260,342</b>	<b>1.5%</b>	<b>10,665,407</b>	<b>242,396</b>	<b>-7.0%</b>
<b>Total Traffic</b>	<b>484,757</b>	<b>-1.7%</b>	<b>20,586,243</b>	<b>467,869</b>	<b>-3.7%</b>

<sup>1</sup> Excludes U.S. operations of CPKC, 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>

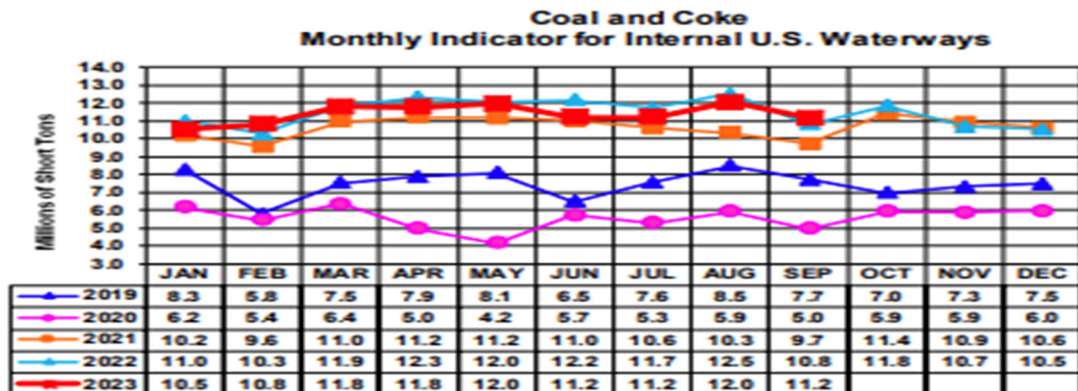
### Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	August 2023		August 2022			July 2023		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	2,260	316	1,555	365	45.4%	2,715	362	-16.8%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	18,921	145	11,197	88	69.0%	18,497	140	2.3%
	Subbituminous	5,474	99	3,310	47	65.4%	5,793	90	-5.5%
Midwest	Bituminous	12,761	137	6,819	80	87.1%	12,731	129	0.2%
	Subbituminous	29,140	155	15,830	104	84.1%	30,679	151	-5.0%
West	Bituminous	2,807	148	3,186	165	-11.9%	3,043	148	-7.7%
	Subbituminous	28,359	155	15,294	84	85.4%	29,493	148	-3.8%
U.S. Total	Bituminous	36,749	147	22,756	97	61.5%	36,986	144	-0.6%
	Subbituminous	62,973	148	34,433	87	82.9%	65,965	143	-4.5%

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, Electric Monthly Update



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

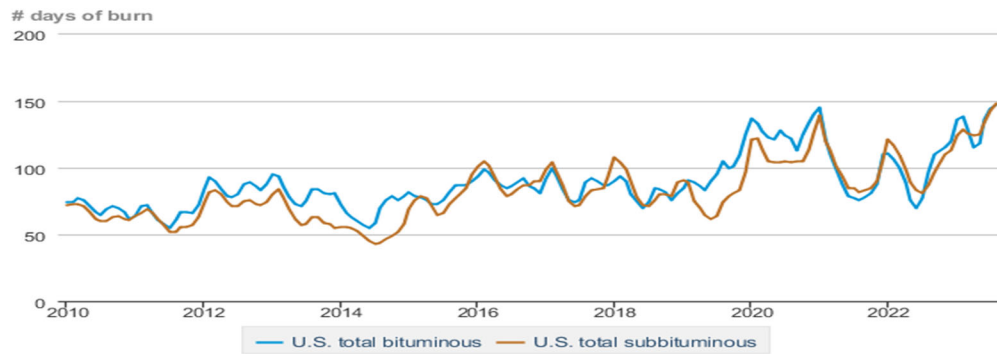
**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago change
	10/13/23	10/20/23	10/27/23	11/03/23	11/10/23	
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$76.65	\$71.25	\$71.25	\$71.25	\$71.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$56.35	\$50.50	\$50.50	\$52.05	\$52.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$47.75	\$48.50	\$48.50	\$51.00	\$51.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$14.10	\$14.00	\$14.00	\$14.00	\$14.00	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$31.75	\$29.85	\$29.85	\$29.85	\$29.85	\$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 - August 2023**



eia Data source: U.S. Energy Information Administration

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

**Temperature – heating & cooling degree days (week ending Oct 26)**

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	76	-40	-9	0	0	0
Middle Atlantic	78	-28	2	0	0	0
E N Central	78	-37	6	0	-1	-1
W N Central	62	-53	-24	2	1	-1
South Atlantic	49	-14	-20	17	-4	5
E S Central	31	-30	-30	8	2	6
W S Central	3	-25	-22	51	30	26
Mountain	74	-35	-37	14	8	9
Pacific	37	-8	-11	6	2	1
United States	57	-28	-11	11	3	5

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	2023 Year to Date - 2nd Quarter	2022 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	453.0	434.0	4%
Cement (Mil. Mt.)	42.5	43.6	-3%
Copper (000 Mt.)	544.0	621.0	-12%
Gold (Mt.)	79.1	83.6	-5%
Gypsum (Mil. Mt.)	9.5	9.0	6%
Iron Ore (Mil. Mt.)	20.7	18.7	11%
Lead (000 Mt.)	140.0	141.0	-1%
Molybdenum (000 Mt.)	16.5	16.5	0%
Palladium (Mt.)	4.8	5.5	-13%
Phosphate rock (Mil. Mt.)	9.9	9.8	1%
Platinum (Mt.)	1.5	1.6	-6%
Sand & gravel, construction (Mil. Mt.)	411.0	437.0	-6%
Silver (Mt.)	538.0	514.0	5%
Soda ash (Mil. Mt.)	5.4	5.5	-2%
Stone, crushed (Mil. Mt.)	712.0	708.0	1%
Zinc (000 Mt.)	366.0	375.0	-2%

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

**Working gas in underground storage**

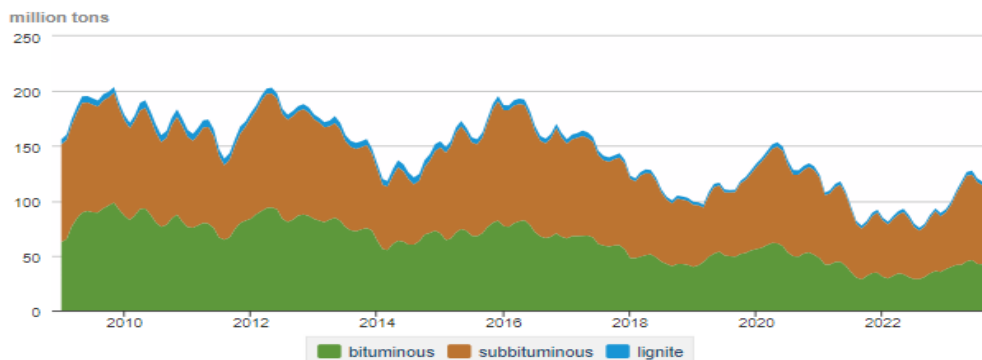
Region	Stocks billion cubic feet (Bcf)		
	2023-10-27	2023-10-20	change
East	925	908	17
Midwest	1,100	1,075	25
Mountain	255	252	3
Pacific	285	283	2
South Central	1,214	1,182	32
Total	3,779	3,700	79

Data source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*  
 Note: Totals may not equal sum of components because of independent rounding.

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

**Coal stocks by type, January 2009 - August 2023**

[DOWNLOAD](#)



eia Data source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

## Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	11/7/23	\$15.15
Copper Spot Price (\$/lb)	11/7/23	\$3.66
Gold Spot Price (\$/ounce)	11/7/23	\$1,967.80
Lead Spot Price (\$/lb)	11/7/23	\$0.98
Lithium Spot Price (\$/kg)	11/7/23	\$22.17
Molybdenum Spot Price (\$/kg)	11/7/23	\$55.63
Nickel Spot Price (\$/lb)	11/7/23	\$8.25
Silver Spot Price (\$/ounce)	11/7/23	\$22.53
Steel HRC Price (\$/mt)	11/7/23	\$1,031.80
Steel Rebar Price (\$/mt)	11/7/23	\$525.53
Zinc Spot Price (\$/lb)	11/7/23	\$1.16
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	11/7/23	\$311.00
Coal Spot Price - Central Appalachian (\$/st)	10/27/23	\$71.25
Coal Spot Price - Newcastle futures (\$/mt)	11/7/23	\$119.19
Coal Spot Price - Rotterdam futures (\$/mt)	11/7/23	\$121.50
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	11/1/23	\$3.19
Uranium Spot Price (\$/lb)	10/30/23	\$74.00

Sources: publicly 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)		
	2023-10-27	2023-10-20	change
East	925	908	17
Midwest	1,100	1,075	25
Mountain	255	252	3
Pacific	285	283	2
South Central	1,214	1,182	32
Total	3,779	3,700	79

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

Note: Totals may not equal sum of components because of independent rounding.

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					
	October 2023	November 2023	change	October 2023	November 2023	change			
Anadarko	699	708	9	4,341	4,450	109			
Appalachia	191	191	-	23,825	23,868	43			
Bakken	1,746	1,781	35	2,673	2,730	57			
Eagle Ford	1,492	1,507	15	6,081	6,142	61			
Haynesville	19	19	-	11,851	12,064	213			
Niobrara	1,452	1,459	7	4,124	4,157	33			
Permian	1,124	1,150	26	2,155	2,190	35			
Rig-weighted average	1,019	1,043	24	5,274	5,243	(31)			

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - August 2023	Aug-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	426	4,960
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	299	3,410
Reported LME Stocks of Cobalt Metal (mt)	93	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	17.41	14.85

Source: USGS, Mineral Industry Survey, Cobalt in August, October 2023

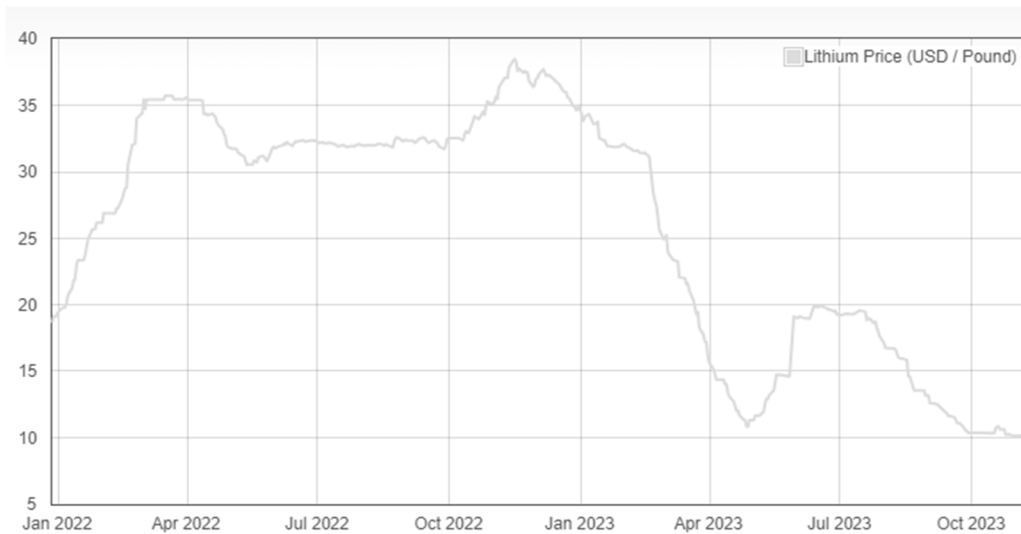
### Cobalt and Lithium Prices

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



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

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



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php>