



# **NATIONAL MINING ASSOCIATION**

## **WEEKLY STATISTICAL SUMMARY**

**June 28, 2024 Edition**  
(Data for Week Ending June 22, 2024)

Prepared by  
**National Mining Association**

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# NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 25 | Dated 06/28/24

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	6/22/24	6/24/23	% Chg	6/22/24	6/22/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,845	10,859	-9.3%	229,342	279,079	-17.8%
52 Weeks Ended	524,707	601,239	-12.7%			
AAR Coal Rail Cars Loaded:	58,555	63,459	-7.7%	1,339,387	1,621,424	-17.4%
EIA Coal Production	<b>May 24/23</b>		<b>% Chg</b>	<b>Jan - May 24/23</b>		<b>% Chg</b>
Month Ended - May	36,796	48,223	-23.7%	199,733	243,898	-18.1%

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

	April 24/23		% Chg	Jan - Apr 24/23		% Chg
Coal Exports:						
Metallurgical	3,446	3,969	-13.2%	17,773	16,401	8.4%
Steam Bit. *	3,364	3,401	-1.1%	15,573	15,366	1.3%
Lignite	6	10	-40.0%	35	34	2.9%
Anthracite	<u>31</u>	<u>37</u>	-16.2%	<u>295</u>	<u>248</u>	19.0%
Total	6,847	7,417	-7.7%	33,676	32,049	5.1%
Coal Imports:	94	426	-69.8%	422	1,447	-67.7%

	Week Ended			Cumulative Week 1 to		
	6/22/24	6/24/23	% Chg	6/22/24	6/24/23	% Chg
EI Electric Total Output (Mil. Kwh)	94,220	83,677	12.6%	1,928,294	1,866,781	3.3%
EI Coal Region Output (Mil. Kwh)	83,339	74,054	12.5%	1,677,563	1,616,035	3.8%
AISI Raw Steel Output (000 Tons)	1,710	1,738	-1.6%	42,204	43,379	-2.7%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	6/21/24	6/14/24	% Chg	Wed.	6/12/24
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$81.85	\$81.85	0.0%	Henry Hub	2.80
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	58.00	58.00	0.0%	New York	1.79
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	45.00	45.00	0.0%	Chicago	2.23
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	13.55	13.55	0.0%	Cal.Comp.Avg.	1.76

Coal exports and Imports are "as reported" (not revised); \*Steam bit. 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



<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		
	6/22/2024 (week 25)	6/15/2024 (week 24)	6/24/2023 (week 25)	6/22/2024	6/22/2023	% Change	6/22/2024	6/24/2023	% Change
Alabama	244	232	220	5,975	5,409	10.4	12,547	11,182	12.2
Alaska	18	17	18	477	502	-4.9	979	1,066	-8.2
Colorado	221	213	236	5,561	5,630	-1.2	12,235	12,550	-2.5
Illinois	685	639	753	16,324	18,883	-13.6	34,427	38,553	-10.7
Indiana	385	375	451	9,457	12,121	-22.0	20,833	25,343	-17.8
<b>Kentucky total</b>	<b>474</b>	<b>460</b>	<b>552</b>	<b>11,460</b>	<b>14,243</b>	<b>-19.5</b>	<b>25,089</b>	<b>29,567</b>	<b>-15.1</b>
Eastern (KY)	204	200	249	4,831	6,178	-21.8	10,678	12,760	-16.3
Western (KY)	270	260	303	6,628	8,065	-17.8	14,411	16,807	-14.3
Louisiana	5	5	5	119	137	-12.7	270	311	-13.2
Maryland	22	21	25	565	618	-8.6	1,215	1,416	-14.2
Mississippi	38	35	46	642	1,139	-43.6	2,175	2,954	-26.4
Missouri	3	3	3	68	68	-0.9	138	109	26.6
Montana	523	503	583	11,757	13,917	-15.5	26,749	28,962	-7.6
New Mexico	131	123	169	3,087	4,143	-25.5	6,885	9,778	-29.6
North Dakota	395	382	422	10,569	11,791	-10.4	22,748	26,230	-13.3
Ohio	30	29	35	766	919	-16.7	1,680	2,157	-22.1
Oklahoma	s	s	s	s	1	-29.5	2	2	s
<b>Pennsylvania total</b>	<b>764</b>	<b>736</b>	<b>799</b>	<b>17,760</b>	<b>20,358</b>	<b>-12.8</b>	<b>39,875</b>	<b>41,554</b>	<b>-4.0</b>
Anthracite (PA)	54	53	46	1,334	1,284	3.9	2,971	2,667	11.4
Bituminous (PA)	710	682	753	16,426	19,074	-13.9	36,904	38,887	-5.1
Tennessee	.	.	.	.	.	.	.	s	.
Texas	213	196	230	4,790	6,492	-26.2	12,078	15,925	-24.2
Utah	102	97	121	2,865	3,482	-17.7	6,270	8,912	-29.6
Virginia	163	162	212	4,069	5,558	-26.8	8,988	11,780	-23.7
<b>West Virginia total</b>	<b>1,496</b>	<b>1,432</b>	<b>1,701</b>	<b>35,281</b>	<b>42,744</b>	<b>-17.5</b>	<b>76,635</b>	<b>87,631</b>	<b>-12.5</b>
Northern (WV)	737	719	904	17,573	22,677	-22.5	39,264	48,148	-18.5
Southern (WV)	759	713	797	17,708	20,067	-11.8	37,371	39,482	-5.3
Wyoming	3,933	3,765	4,278	87,749	110,923	-20.9	212,891	245,255	-13.2
<b>Appalachian total</b>	<b>2,924</b>	<b>2,811</b>	<b>3,242</b>	<b>69,247</b>	<b>81,785</b>	<b>-15.3</b>	<b>151,617</b>	<b>168,480</b>	<b>-10.0</b>
<b>Interior total</b>	<b>1,599</b>	<b>1,513</b>	<b>1,790</b>	<b>38,028</b>	<b>46,907</b>	<b>-18.9</b>	<b>84,334</b>	<b>100,004</b>	<b>-15.7</b>
<b>Western total</b>	<b>5,322</b>	<b>5,100</b>	<b>5,826</b>	<b>122,066</b>	<b>150,388</b>	<b>-18.8</b>	<b>288,756</b>	<b>332,754</b>	<b>-13.2</b>
<b>East of Mississippi River</b>	<b>4,301</b>	<b>4,121</b>	<b>4,794</b>	<b>102,299</b>	<b>121,994</b>	<b>-16.1</b>	<b>223,463</b>	<b>252,137</b>	<b>-11.4</b>
<b>West of Mississippi River</b>	<b>5,543</b>	<b>5,303</b>	<b>6,064</b>	<b>127,043</b>	<b>157,085</b>	<b>-19.1</b>	<b>301,244</b>	<b>349,102</b>	<b>-13.7</b>
Bituminous and lignite	9,791	9,370	10,813	228,008	277,795	-17.9	521,736	598,572	-12.8
Anthracite	54	53	46	1,334	1,284	3.9	2,971	2,667	11.4
<b>U.S. total</b>	<b>9,845</b>	<b>9,424</b>	<b>10,859</b>	<b>229,342</b>	<b>279,079</b>	<b>-17.8</b>	<b>524,707</b>	<b>601,239</b>	<b>-12.7</b>
Railroad cars loaded	58,555	56,064	63,459	1,339,387	1,621,424	-17.4	3,124,863	3,500,346	-10.7

Source: Energy Information Administration



# Weekly Electric Output

Volume 92 No. 25

## OUTPUT FOR WEEK ENDED - Jun 22, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jun 22, 2024** was **94,220** gigawatthours (GWh), according to the Edison Electric Institute.

### WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 22		52 Weeks Ended June 22	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,566	27.93 %	112,737	0.07 %
Mid-Atlantic	10,015	31.11 %	411,685	1.29 %
Central Industrial	16,394	23.96 %	645,934	0.95 %
West Central	7,756	3.82 %	333,862	-1.39 %
Southeast	23,298	15.57 %	1,027,572	2.37 %
South Central	19,728	-2.47 %	884,443	6.21 %
Rocky Mountain	6,148	15.29 %	296,820	1.08 %
Pacific Northwest	2,955	5.45 %	158,520	-2.12 %
Pacific Southwest	5,360	11.33 %	266,086	-2.54 %
<b>Total United States</b>	<b>94,220</b>	<b>12.60 %</b>	<b>4,137,658</b>	<b>1.85 %</b>

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

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Jun 01	78,143	Jun 03	76,617	1.99 %	Jun 01	4,113,640	0.67 %
Jun 08	84,405	Jun 10	76,117	10.89 %	Jun 08	4,121,928	1.02 %
Jun 15	84,658	Jun 17	79,471	6.53 %	Jun 15	4,127,116	1.44 %
Jun 22	94,220	Jun 24	83,677	12.60 %	Jun 22	4,137,658	1.85 %
<b>Jun 22</b>	<b>1,928,294</b>	<b>Jun 24</b>	<b>1,866,781</b>	<b>3.30 %</b>	<b>YEAR TO DATE, FIRST 25 WEEKS</b>		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	22-Jun 2024 GWh Output	24-Jun 2023 GWh Output	% Increase Over Corresponding Week	22-Jun 2024 GWh Output	24-Jun 2023 GWh Output	% Increase Over Corresponding Week	22-Jun 2024 GWh Output	24-Jun 2023 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	2,566	2,006	27.9%	<b>52,415</b>	<b>50,679</b>	<b>3.4%</b>	112,737	112,652	0.1%
<b>Mid-Atlantic</b>	10,015	7,638	31.1%	<b>192,186</b>	<b>183,047</b>	<b>5.0%</b>	411,685	406,425	1.3%
<b>Central Industrial</b>	16,394	13,225	24.0%	<b>311,142</b>	<b>300,866</b>	<b>3.4%</b>	645,934	639,848	1.0%
<b>West Central</b>	7,756	7,471	3.8%	<b>154,189</b>	<b>157,635</b>	<b>-2.2%</b>	333,862	338,577	-1.4%
<b>Southeast</b>	23,298	20,160	15.6%	<b>482,516</b>	<b>460,479</b>	<b>4.8%</b>	1,027,572	1,003,785	2.4%
<b>South Central</b>	19,728	20,227	-2.5%	<b>403,548</b>	<b>383,152</b>	<b>5.3%</b>	884,443	832,757	6.2%
<b>Rocky Mountain</b>	6,148	5,333	15.3%	<b>133,982</b>	<b>130,857</b>	<b>2.4%</b>	296,820	293,639	1.1%
<b>Pacific Northwest</b>	2,955	2,802	5.5%	<b>80,110</b>	<b>80,383</b>	<b>-0.3%</b>	158,520	161,961	-2.1%
<b>Pacific Southwest</b>	5,360	4,815	11.3%	<b>118,203</b>	<b>119,684</b>	<b>-1.2%</b>	266,086	273,020	-2.5%
<b>Total United States <sup>1/</sup></b>	<b>94,220</b>	<b>83,677</b>	<b>12.6%</b>	<b>1,928,291</b>	<b>1,866,781</b>	<b>3.3%</b>	4,137,659	4,062,665	1.8%
<b>Coal Regions Only <sup>2/</sup></b>	83,339	74,054	12.5%	<b>1,677,563</b>	<b>1,616,035</b>	<b>3.8%</b>	3,600,316	3,515,032	2.4%

**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.**

<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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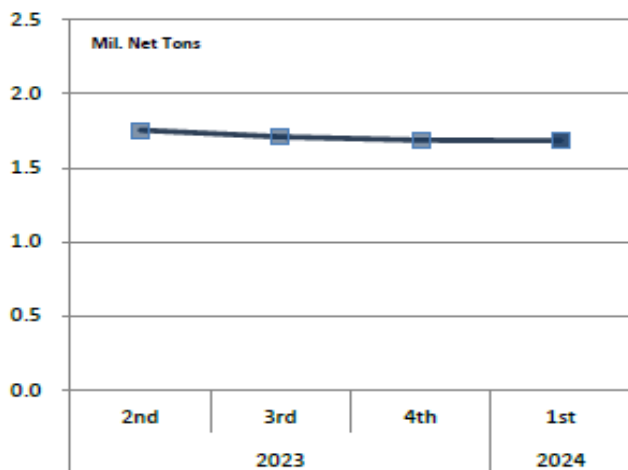
June 24, 2024

**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

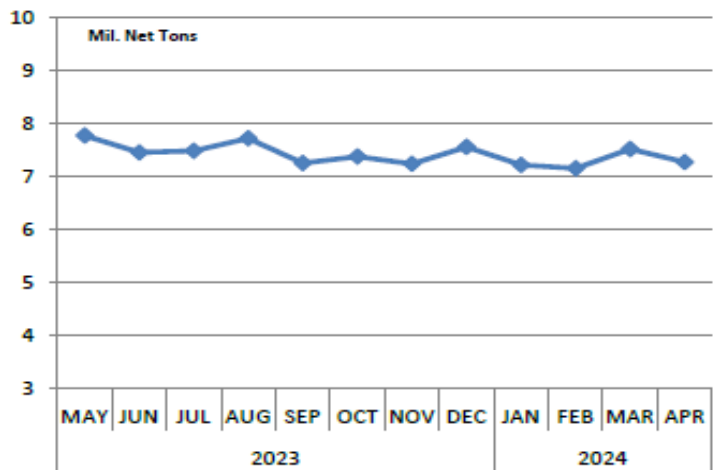
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>June 22</u>	<u>June 15</u>	
<b><u>Week Ending</u></b>				North East	133	125
				Great Lakes	568	554
June 22, 2024	1,710	0.4	77.0	Midwest	203	206
June 22, 2023	1,738	-1.6	77.3	Southern	744	758
June 15, 2024	1,704	-0.7	76.7	Western	62	61
				<b>Total</b>	<b>1,710</b>	<b>1,704</b>
<b><u>Year-to-Date +</u></b>						
June 22, 2024	42,204	-2.7	76.4			
June 22, 2023	43,379	-	77.8			

\*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.

**U.S. Rail Traffic<sup>1</sup>**  
 Week 25, 2024 – Ended June 22, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk <sup>2</sup>	vs 2023
<b>Total Carloads</b>	<b>220,096</b>	<b>-0.8%</b>	<b>5,344,599</b>	<b>213,784</b>	<b>-4.7%</b>
Chemicals	31,807	6.3%	810,724	32,429	4.3%
Coal	58,555	-7.1%	1,342,579	53,703	-17.7%
Farm Products excl. Grain, and Food	16,878	11.9%	412,877	16,515	1.4%
Forest Products	8,079	0.5%	207,862	8,314	0.9%
Grain	17,495	19.5%	501,237	20,049	3.2%
Metallic Ores and Metals	21,108	-5.8%	495,252	19,810	-3.1%
Motor Vehicles and Parts	15,156	-7.1%	382,605	15,304	3.8%
Nonmetallic Minerals	31,913	-1.1%	718,868	28,755	-7.7%
Petroleum and Petroleum Products	10,417	6.8%	257,304	10,292	10.7%
Other	8,688	-16.2%	215,291	8,612	1.5%
<b>Total Intermodal Units</b>	<b>265,461</b>	<b>7.5%</b>	<b>6,375,986</b>	<b>255,039</b>	<b>8.8%</b>
<b>Total Traffic</b>	<b>485,557</b>	<b>3.6%</b>	<b>11,720,585</b>	<b>468,823</b>	<b>2.2%</b>

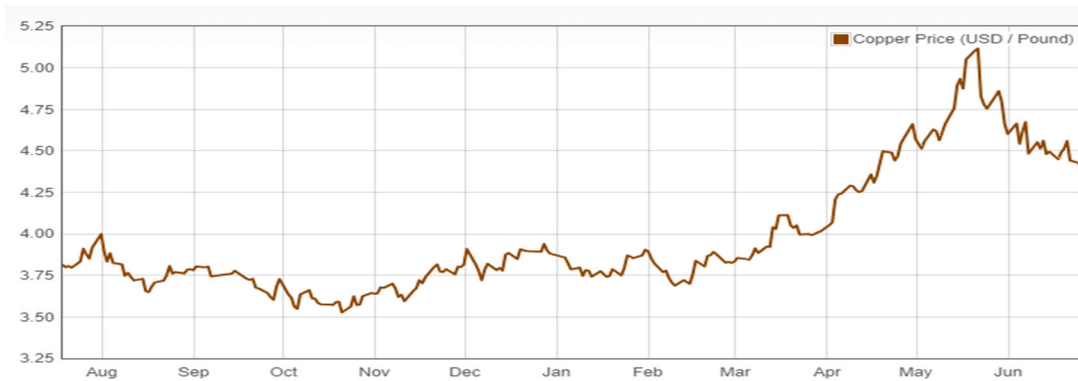
<sup>1</sup> Excludes U.S. operations of CPKC, CN and GMXT.

<sup>2</sup> Average per week figures may not sum to totals as a result of independent rounding.

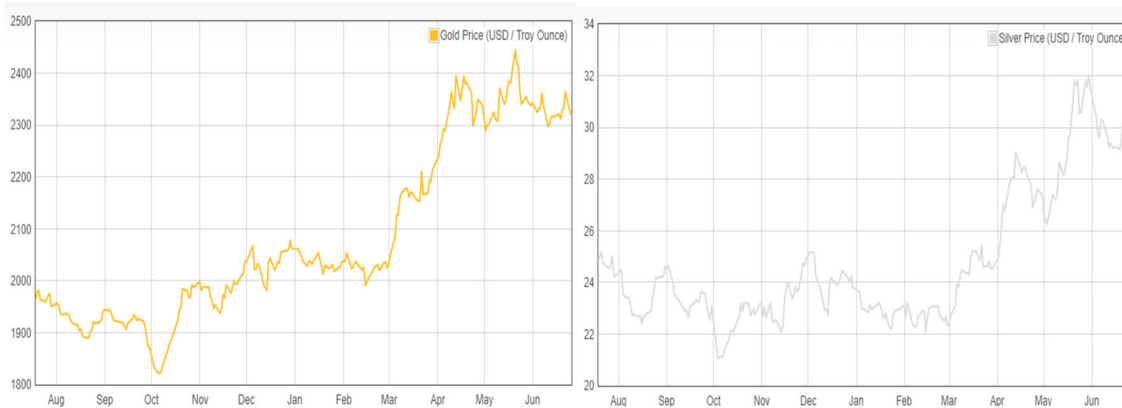
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

**Copper, Gold and Silver Prices**

Copper Prices:

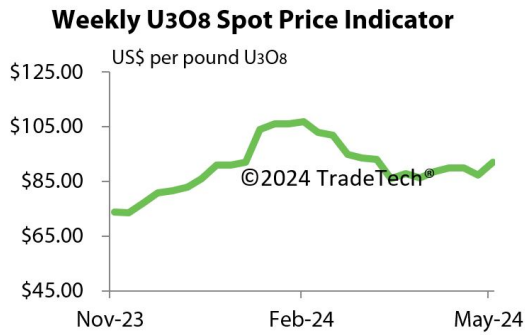


Gold and Silver Prices:



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

### 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>

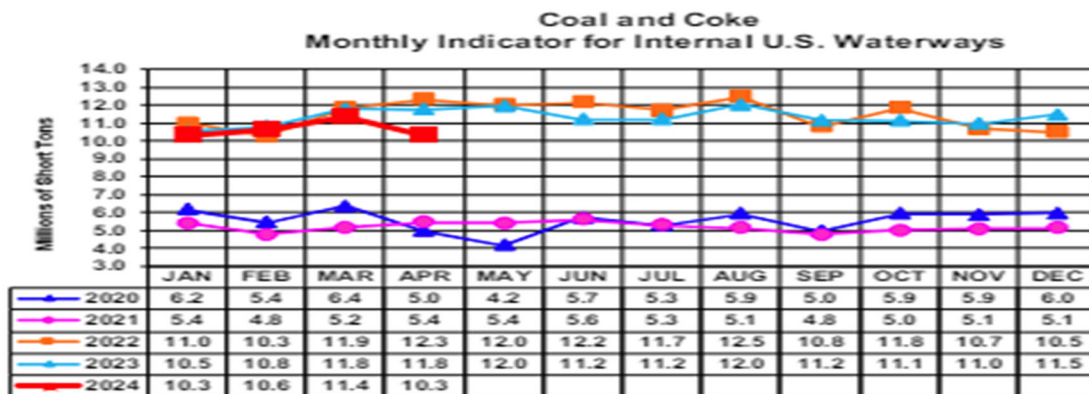
### Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	March 2024		March 2023			February 2024		
		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	2,076	284	2,903	365	-28.5%	2,014	285	3.1%
	Subbituminous								
South	Bituminous	21,293	138	20,205	128	5.4%	20,069	144	6.1%
	Subbituminous	6,927	112	5,201	100	33.2%	6,714	121	3.2%
Midwest	Bituminous	12,638	143	10,204	112	23.9%	11,780	143	7.3%
	Subbituminous	35,787	146	27,824	134	28.6%	33,959	154	5.4%
West	Bituminous	3,117	179	2,481	145	25.6%	2,991	187	4.2%
	Subbituminous	33,120	150	23,981	126	38.1%	31,671	159	4.6%
U.S. Total	Bituminous	39,124	145	35,793	129	9.3%	36,854	149	6.2%
	Subbituminous	75,834	144	57,006	126	33.0%	72,345	152	4.8%

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

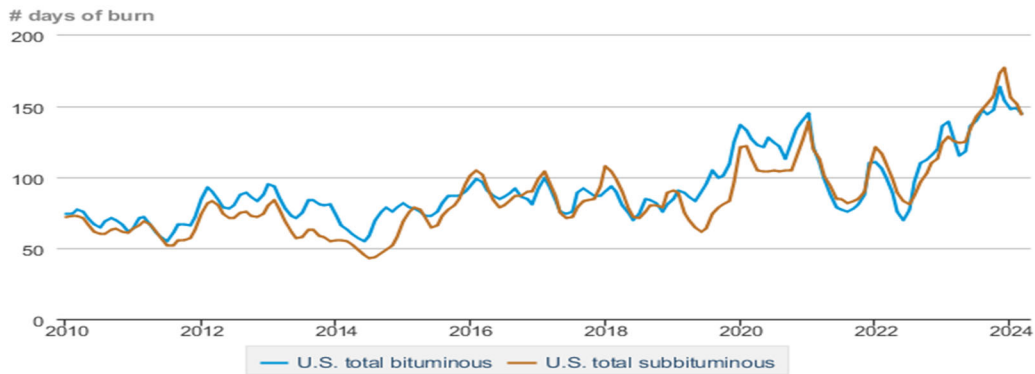
**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago
	05/24/24	05/31/24	06/07/24	06/14/24	06/21/24	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$77.05	\$79.40	\$79.40	\$81.85	\$81.85	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$54.50	\$56.20	\$56.20	\$58.00	\$58.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$13.65	\$13.60	\$13.60	\$13.55	\$13.55	\$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 - March 2024**



 Data source: U.S. Energy Information Administration

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

**Temperature – heating & cooling degree days (week ending Jun 06)**

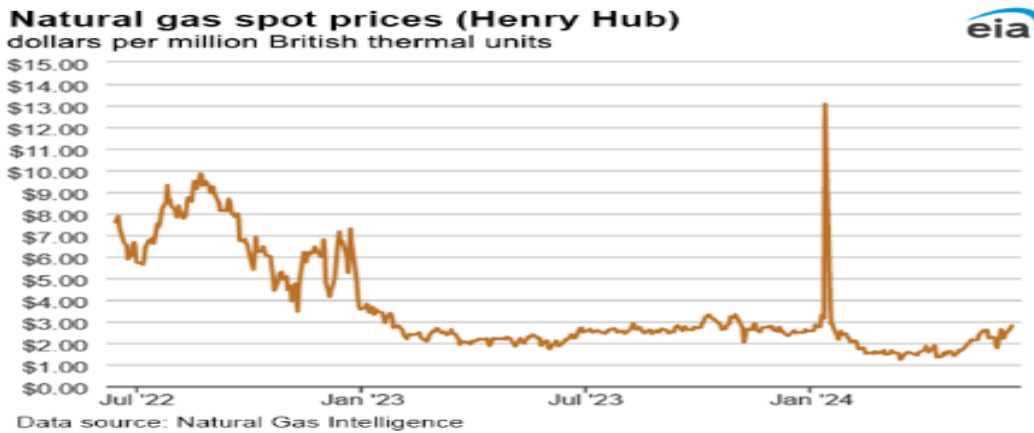
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	12	-16	-36	12	7	1
Middle Atlantic	7	-13	-13	21	6	6
E N Central	12	-12	4	24	0	-12
W N Central	7	-14	7	36	6	-23
South Atlantic	4	-2	1	66	6	13
E S Central	2	-3	2	62	9	-1
W S Central	0	-1	0	95	11	16
Mountain	16	-18	-11	49	11	22
Pacific	11	-13	-13	15	-1	12
United States	8	-11	-4	42	5	5

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

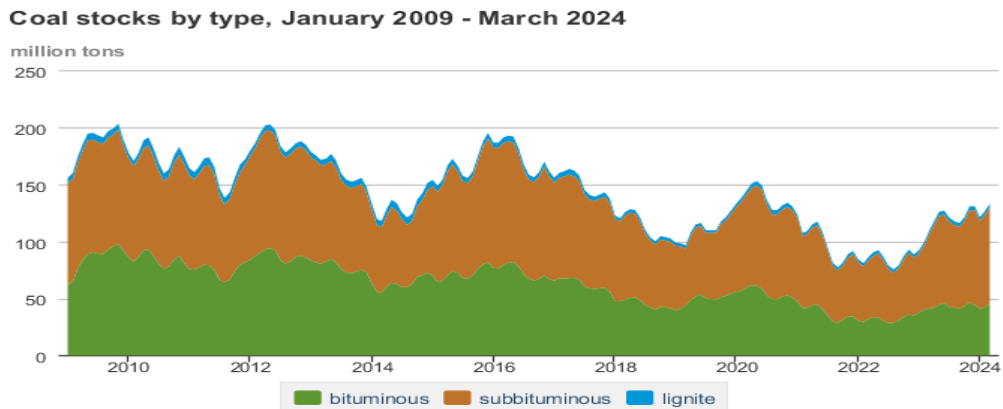
Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2023 Year to Date - 4th Quarter	2022 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	920.0	864.0	6%
Cement (Mil. Mt.)	88.2	90.1	-2%
Copper (000 Mt.)	1,120.0	1,230.0	-9%
Gold (Mt.)	168.0	173.0	-3%
Gypsum (Mil. Mt.)	18.9	18.7	1%
Iron Ore (Mil. Mt.)	45.4	39.0	16%
Lead (000 Mt.)	262.0	264.0	-1%
Molybdenum (000 Mt.)	34.0	34.6	-2%
Palladium (Mt.)	10.0	10.1	-1%
Phosphate rock (Mil. Mt.)	19.5	19.8	-2%
Platinum (Mt.)	3.0	3.0	0%
Sand & gravel, construction (Mil. Mt.)	922.0	953.0	-3%
Silver (Mt.)	998.0	1,010.0	-1%
Soda ash (Mil. Mt.)	10.9	11.3	-4%
Stone, crushed (Mil. Mt.)	1,540.0	1,550.0	-1%
Zinc (000 Mt.)	753.0	747.0	1%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2023 data are preliminary estimates. W - withheld, N/A - not available



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



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)	6/24/24	\$12.31
Copper Spot Price (\$/lb)	6/25/24	\$4.36
Gold Spot Price (\$/ounce)	6/25/24	\$2,332.40
Lead Spot Price (\$/lb)	6/25/24	\$1.00
Lithium Spot Price (\$/kg)	6/25/24	\$12.59
Molybdenum Spot Price (\$/kg)	6/25/24	\$67.81
Nickel Spot Price (\$/lb)	6/25/24	\$7.81
Silver Spot Price (\$/ounce)	6/25/24	\$29.56
Steel HRC Price (\$/mt)	6/25/24	\$676.01
Steel Rebar Price (\$/mt)	6/25/24	\$463.33
Zinc Spot Price (\$/lb)	6/25/24	\$1.30
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	6/25/24	\$236.00
Coal Spot Price - Central Appalachian (\$/st)	6/21/24	\$81.85
Coal Spot Price - Newcastle futures (\$/mt)	6/25/24	\$133.49
Coal Spot Price - Rotterdam futures (\$/mt)	6/24/24	\$108.40
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	6/12/24	\$2.80
Uranium Spot Price (\$/lb)	6/24/24	\$83.60

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)		
	2024-06-07	2024-05-31	change
East	603	575	28
Midwest	712	688 R	24
Mountain	224	218	6
Pacific	276	273	3
South Central	1,159	1,146	13
Total	2,974	2,900 R	74

### 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					
	May 2024	June 2024	change	May 2024	June 2024	change			
Anadarko	717	719	2	4,840	4,875	35			
Appalachia	239	241	2	28,465	28,643	178			
Bakken	1,745	1,747	2	2,660	2,663	3			
Eagle Ford	1,635	1,639	4	6,059	6,065	6			
Haynesville	14	14	-	13,453	13,487	34			
Niobrara	1,496	1,498	2	4,622	4,678	56			
Permian	1,386	1,400	14	2,536	2,547	11			
Rig-weighted average	1,199	1,222	23	5,964	5,831	(133)			

Source: Energy Information Administration, Drilling Productivity Report

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

Cobalt - March 2024	Mar-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	501	1,980
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	601	1,300
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	18.43	12.71

Source: USGS, Mineral Industry Survey, Cobalt in March 2024, May 2024

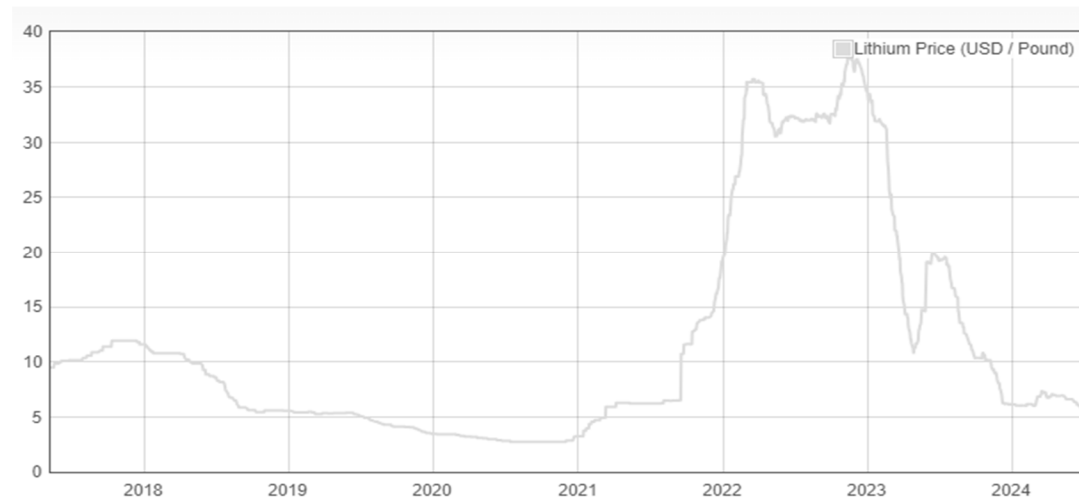
### Cobalt and Lithium Prices

#### 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>