



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

June 7, 2024 Edition
(Data for Week Ending June 1, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 22 | Dated 06/07/24

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	6/01/24	6/03/23	% Chg	6/01/24	6/01/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,705	11,045	-21.2%	200,865	245,555	-18.2%
52 Weeks Ended	529,702	602,355	-12.1%			
AAR Coal Rail Cars Loaded:	51,817	64,548	-19.7%	1,169,971	1,425,509	-17.9%
EIA Coal Production	May 24/23		% Chg	Jan - May 24/23		% Chg
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		
	6/01/24	6/03/23	% Chg	6/01/24	6/03/23	% Chg
EI Electric Total Output (Mil. Kwh)	78,143	76,617	2.0%	1,665,011	1,627,516	2.3%
EI Coal Region Output (Mil. Kwh)	68,611	67,255	2.0%	1,445,586	1,405,572	2.8%
AISI Raw Steel Output (000 Tons)	1,743	1,752	-0.5%	37,180	38,164	-2.6%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	5/31/24	5/24/24	% Chg	Wed.	5/29/24
Central App, 12,500 Btu, 1.2 SO ₂	\$79.40	\$77.05	3.0%	Henry Hub	2.21
Northern App, 13,000 Btu, < 3.0 SO ₂	56.20	54.50	3.1%	New York	1.44
Illinois Basin, 11,800, 5.0 SO ₂	45.00	45.00	0.0%	Chicago	1.48
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.60	13.65	-0.4%	Cal.Comp.Avg.	1.46

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

EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	6/1/2024 (week 22)	5/25/2024 (week 21)	6/3/2023 (week 22)	6/1/2024	6/1/2023	% Change	6/1/2024	6/3/2023	% Change
Alabama	216	196	224	5,268	4,730	11.4	12,518	11,099	12.8
Alaska	16	15	18	427	446	-4.4	984	1,060	-7.2
Colorado	195	173	240	4,917	4,900	0.3	12,320	12,622	-2.4
Illinois	605	554	765	14,403	16,560	-13.0	34,826	38,649	-9.9
Indiana	341	341	458	8,335	10,730	-22.3	21,099	25,354	-16.8
Kentucky total	419	415	561	10,076	12,540	-19.6	25,406	29,564	-14.1
Eastern (KY)	180	183	253	4,230	5,409	-21.8	10,844	12,729	-14.8
Western (KY)	239	233	308	5,846	7,130	-18.0	14,562	16,835	-13.5
Louisiana	5	4	5	105	121	-13.6	271	316	-14.2
Maryland	20	18	26	501	540	-7.2	1,229	1,413	-13.0
Mississippi	33	31	47	535	998	-46.4	2,209	3,040	-27.3
Missouri	3	3	3	59	60	-1.8	138	105	31.4
Montana	462	448	593	10,236	12,117	-15.5	27,024	28,909	-6.5
New Mexico	116	109	172	2,713	3,621	-25.1	7,030	9,858	-28.7
North Dakota	349	326	429	9,420	10,489	-10.2	22,898	26,375	-13.2
Ohio	27	23	36	680	810	-16.2	1,702	2,199	-22.6
Oklahoma	s	s	s	s	s	-31.7	2	2	s
Pennsylvania total	676	657	813	15,539	17,890	-13.1	40,119	41,489	-3.3
Anthracite (PA)	48	46	47	1,171	1,142	2.6	2,950	2,669	10.5
Bituminous (PA)	628	611	766	14,368	16,748	-14.2	37,169	38,820	-4.3
Tennessee	s	.
Texas	188	170	234	4,197	5,781	-27.4	12,195	16,210	-24.8
Utah	91	81	123	2,574	3,110	-17.2	6,351	9,114	-30.3
Virginia	144	151	216	3,586	4,902	-26.9	9,159	11,744	-22.0
West Virginia total	1,323	1,293	1,730	30,971	37,492	-17.4	77,568	87,417	-11.3
Northern (WV)	652	654	920	15,410	19,884	-22.5	39,888	48,125	-17.1
Southern (WV)	671	639	810	15,561	17,608	-11.6	37,680	39,292	-4.1
Wyoming	3,477	3,398	4,351	76,324	97,716	-21.9	214,651	245,816	-12.7
Appalachian total	2,585	2,521	3,298	60,775	71,774	-15.3	153,140	168,091	-8.9
Interior total	1,414	1,335	1,821	33,480	41,380	-19.1	85,303	100,511	-15.1
Western total	4,706	4,551	5,926	106,610	132,400	-19.5	291,259	333,752	-12.7
East of Mississippi River	3,804	3,680	4,877	89,894	107,193	-16.1	225,837	251,969	-10.4
West of Mississippi River	4,902	4,727	6,169	110,971	138,362	-19.8	303,865	350,385	-13.3
Bituminous and lignite	8,658	8,361	10,998	199,694	244,413	-18.3	526,751	599,685	-12.2
Anthracite	48	46	47	1,171	1,142	2.6	2,950	2,669	10.5
U.S. total	8,705	8,407	11,045	200,865	245,555	-18.2	529,702	602,355	-12.1
Railroad cars loaded	51,817	50,216	64,548	1,169,971	1,425,509	-17.9	3,151,057	3,503,249	-10.1

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 22

OUTPUT FOR WEEK ENDED - Jun 01, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 01, 2024 was **78,143** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 01		52 Weeks Ended June 01	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,948	2.20 %	111,892	-1.08 %
Mid-Atlantic	7,473	3.14 %	407,146	-0.44 %
Central Industrial	11,508	-11.27 %	640,536	-0.66 %
West Central	5,612	-16.25 %	333,922	-1.64 %
Southeast	19,953	10.20 %	1,021,058	0.93 %
South Central	18,420	8.24 %	882,295	5.69 %
Rocky Mountain	5,645	8.24 %	293,846	-0.79 %
Pacific Northwest	2,782	2.09 %	158,350	-2.15 %
Pacific Southwest	4,803	1.52 %	264,596	-3.94 %
Total United States	78,143	1.99 %	4,113,640	0.67 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
May 11	74,842	May 13	73,314	2.08 %	May 11	4,102,951	0.09 %
May 18	74,022	May 20	74,040	-0.02 %	May 18	4,102,933	0.23 %
May 25	81,411	May 27	72,230	12.71 %	May 25	4,112,114	0.53 %
Jun 01	78,143	Jun 03	76,617	1.99 %	Jun 01	4,113,640	0.67 %
Jun 01	1,665,011	Jun 03	1,627,516	2.30 %	YEAR TO DATE, FIRST 22 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	1-Jun 2024 GWh Output	3-Jun 2023 GWh Output	% Increase Over Corresponding Week	1-Jun 2024 GWh Output	3-Jun 2023 GWh Output	% Increase Over Corresponding Week	1-Jun 2024 GWh Output	3-Jun 2023 GWh Output	% Increase Over Corresponding Week
New England	1,948	1,906	2.2%	45,674	44,782	2.0%	111,892	113,102	-1.1%
Mid-Atlantic	7,473	7,245	3.1%	165,647	161,048	2.9%	407,146	408,946	-0.4%
Central Industrial	11,508	12,970	-11.3%	269,041	264,163	1.8%	640,536	644,777	-0.7%
West Central	5,612	6,701	-16.3%	133,315	136,701	-2.5%	333,922	339,502	-1.6%
Southeast	19,953	18,106	10.2%	417,547	402,024	3.9%	1,021,058	1,011,632	0.9%
South Central	18,420	17,018	8.2%	344,698	326,450	5.6%	882,295	834,797	5.7%
Rocky Mountain	5,645	5,215	8.2%	115,338	115,187	0.1%	293,846	296,193	-0.8%
Pacific Northwest	2,782	2,725	2.1%	71,711	72,155	-0.6%	158,350	161,825	-2.1%
Pacific Southwest	4,803	4,731	1.5%	102,037	105,007	-2.8%	264,596	275,445	-3.9%
Total United States^{1/}	<u>78,144</u>	<u>76,617</u>	2.0%	<u>1,665,008</u>	<u>1,627,516</u>	2.3%	4,113,641	4,086,219	0.7%
Coal Regions Only^{2/}	68,611	67,255	2.0%	1,445,586	1,405,572	2.8%	3,578,803	3,535,847	1.2%

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.

^{1/} Excludes Alaska and Hawaii

^{2/} 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 3, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

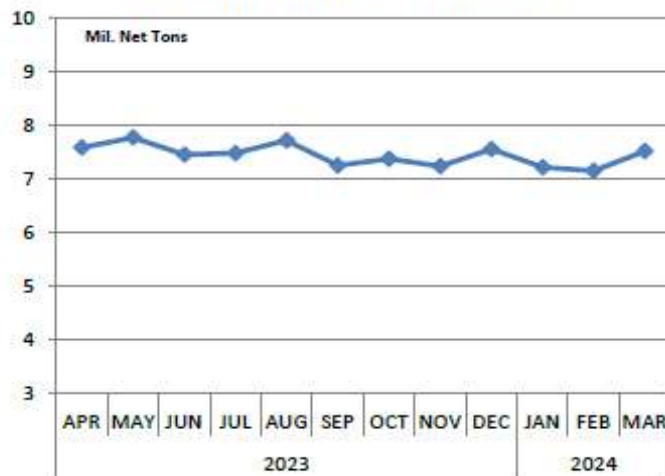
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending June 1</u>	<u>Week Ending May 25</u>	
<u>Week Ending</u>				North East	136	138
				Great Lakes	551	555
June 1, 2024	1,743	0.5	78.5	Midwest	208	211
June 1, 2023	1,752	-0.5	77.8	Southern	779	762
May 25, 2024	1,735	0.4	78.1	Western	69	69
				Total	1,743	1,735
<u>Year-to-Date +</u>						
June 1, 2024	37,180	-2.6	76.6			
June 1, 2023	38,164	-	77.9			

*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 Traffic¹
Week 22, 2024 – Ended June 1, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	206,236	-5.9%	4,683,510	212,887	-5.0%
Chemicals	30,625	2.3%	713,291	32,422	3.9%
Coal	51,817	-19.5%	1,173,163	53,326	-18.3%
Farm Products excl. Grain, and Food	16,075	6.7%	362,359	16,471	0.7%
Forest Products	8,468	6.2%	183,071	8,321	1.0%
Grain	19,049	18.3%	445,680	20,258	1.6%
Metallic Ores and Metals	20,299	0.1%	433,693	19,713	-2.7%
Motor Vehicles and Parts	14,773	-4.7%	333,679	15,167	4.3%
Nonmetallic Minerals	27,128	-14.3%	624,879	28,404	-7.7%
Petroleum and Petroleum Products	10,006	10.2%	224,739	10,215	10.5%
Other	7,996	-14.0%	188,956	8,589	3.5%
Total Intermodal Units	243,841	10.7%	5,568,464	253,112	8.7%
Total Traffic	450,077	2.4%	10,251,974	465,999	1.9%

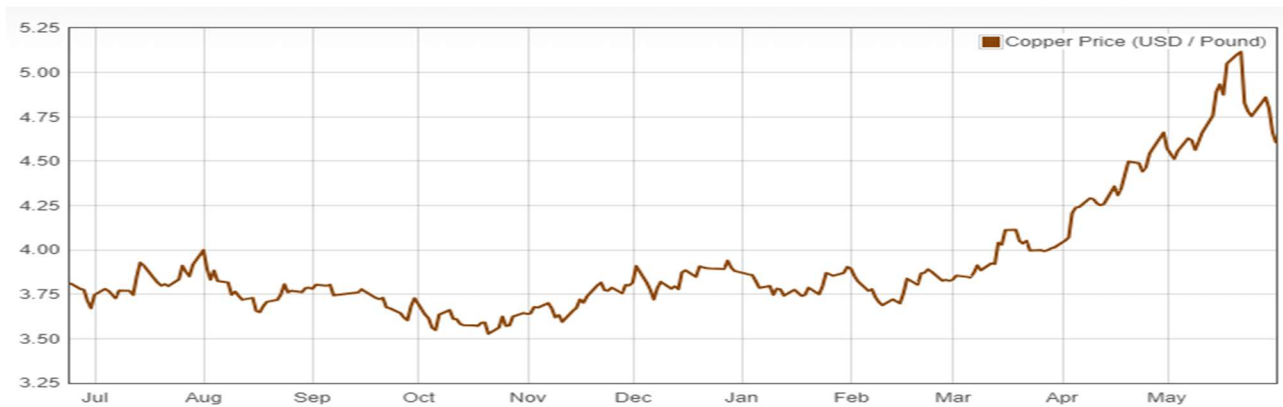
¹ Excludes U.S. operations of CPKC, CN and GMXT.

² 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:

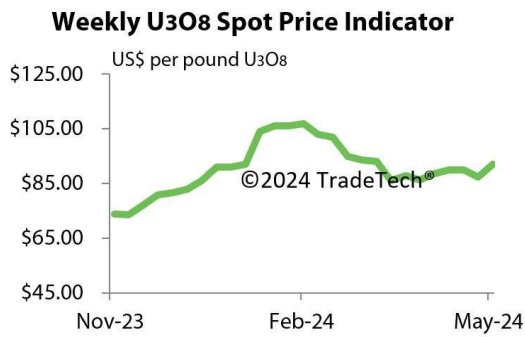


Gold and Silver Prices:



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 ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

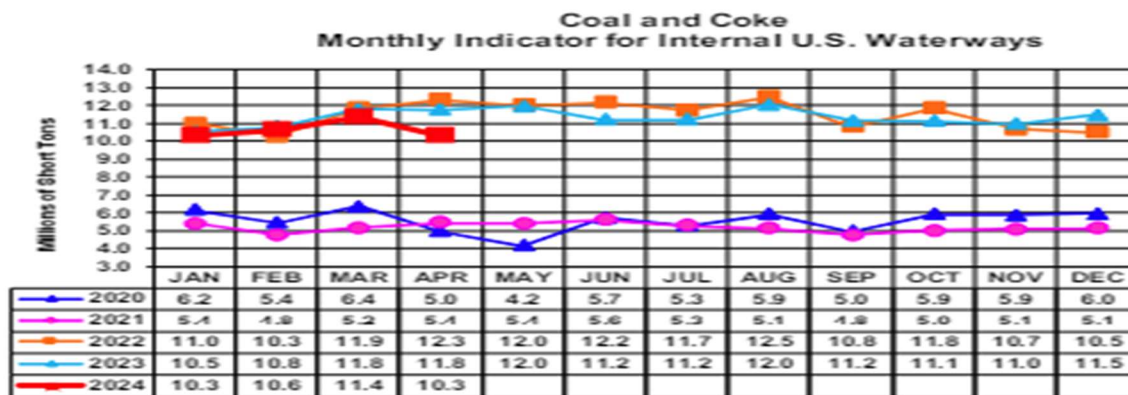
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

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

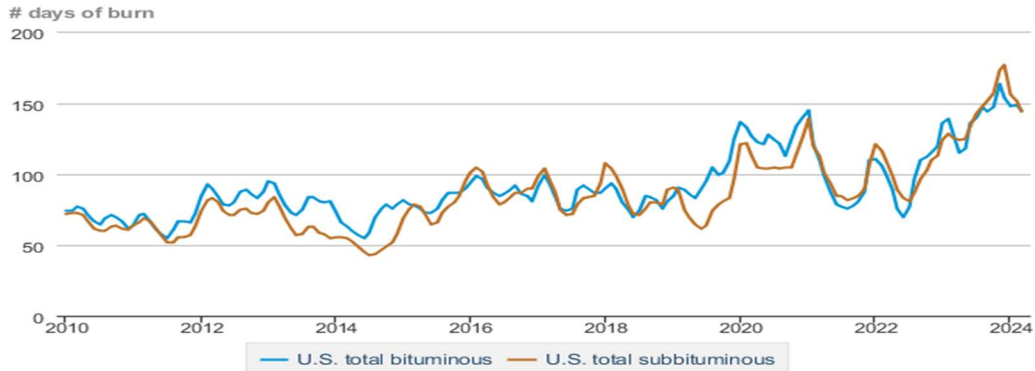
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	05/03/24	05/10/24	05/17/24	05/24/24	05/31/24	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$74.75	\$74.75	\$74.75	\$77.05	\$79.40	\$2.35
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$52.85	\$52.85	\$52.85	\$54.50	\$56.20	\$1.70
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.70	\$13.70	\$13.70	\$13.65	\$13.60	-\$0.05

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 May 23)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	30	-22	-35	8	6	8
Middle Atlantic	11	-28	-34	11	4	11
E N Central	8	-37	-30	29	15	26
W N Central	18	-22	-15	28	11	17
South Atlantic	4	-11	-10	55	10	13
E S Central	2	-12	-6	56	21	18
W S Central	0	-2	-4	87	24	31
Mountain	54	1	22	19	-5	-8
Pacific	37	3	25	0	-8	-8
United States	17	-17	-11	33	8	13

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

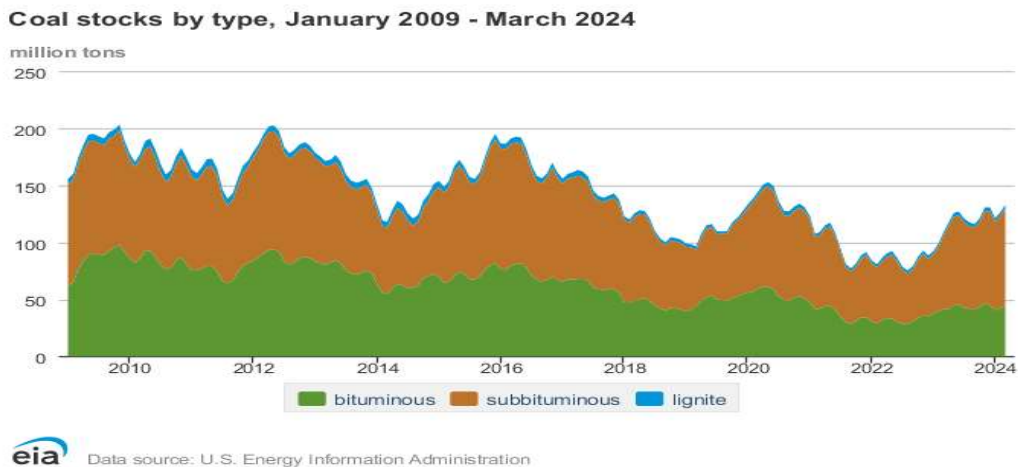
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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*.



Source: Energy Information Administration, *Electricity Monthly Update*

Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	6/3/24	\$12.31
Copper Spot Price (\$/lb)	6/4/24	\$4.54
Gold Spot Price (\$/ounce)	6/4/24	\$2,328.73
Lead Spot Price (\$/lb)	6/4/24	\$1.01
Lithium Spot Price (\$/kg)	6/3/24	\$14.29
Molybdenum Spot Price (\$/kg)	6/4/24	\$69.07
Nickel Spot Price (\$/lb)	6/4/24	\$8.60
Silver Spot Price (\$/ounce)	6/4/24	\$29.55
Steel HRC Price (\$/mt)	6/4/24	\$741.41
Steel Rebar Price (\$/mt)	6/4/24	\$480.35
Zinc Spot Price (\$/lb)	6/4/24	\$1.32
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	6/4/24	\$263.00
Coal Spot Price - Central Appalachian (\$/st)	5/30/24	\$79.40
Coal Spot Price - Newcastle futures (\$/mt)	6/4/24	\$139.70
Coal Spot Price - Rotterdam futures (\$/mt)	6/4/24	\$116.90
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	5/29/24	\$2.21
Uranium Spot Price (\$/lb)	6/3/24	\$89.85

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)		
	2024-05-24	2024-05-17	change
East	538	511	27
Midwest	652	628	24
Mountain	210	202	8
Pacific	267	259	8
South Central	1,128	1,112	16
Total	2,795	2,711	84

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					
	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

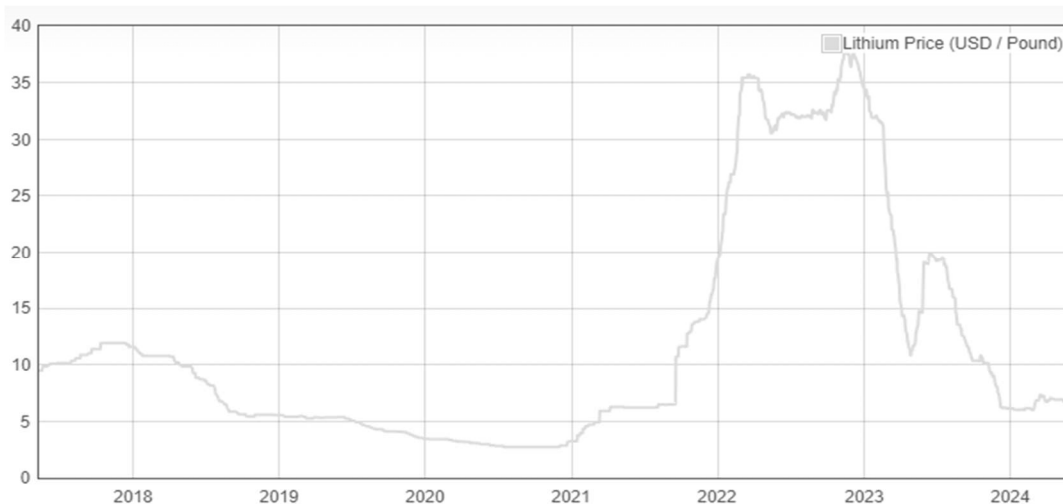
Cobalt and Lithium Prices

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>