



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

May 24, 2024 Edition
(Data for Week Ending May 18, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	5/18/24	5/20/23	% Chg	5/18/24	5/18/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,454	10,793	-21.7%	180,281	223,763	-19.4%
52 Weeks Ended	530,981	603,063	-12.0%			
AAR Coal Rail Cars Loaded:	50,520	63,072	-19.9%	1,067,940	1,298,159	-17.7%
EIA Coal Production	Apr 24/23		% Chg	Jan - Apr 24/23		% Chg
Month Ended - April	33,067	46,969	-29.6%	159,466	195,675	-18.5%

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

	March 24/23		% Chg	Jan - Mar 24/23		% Chg
Coal Exports:						
Metallurgical	5,457	4,257	28.2%	14,327	12,432	15.2%
Steam Bit. *	3,726	5,150	-27.7%	12,209	11,965	2.0%
Lignite	11	7	57.1%	29	24	20.8%
Anthracite	<u>88</u>	<u>74</u>	18.9%	<u>264</u>	<u>211</u>	25.1%
Total	9,282	9,488	-2.2%	26,829	24,632	8.9%
Coal Imports:	85	281	-69.8%	329	1,020	-67.7%

	Week Ended			Cumulative Week 1 to		
	5/18/24	5/20/23	% Chg	5/18/24	5/20/23	% Chg
EI Electric Total Output (Mil. Kwh)	74,022	74,040	0.0%	1,505,457	1,478,669	1.8%
EI Coal Region Output (Mil. Kwh)	64,612	64,370	0.4%	1,305,079	1,275,485	2.3%
AISI Raw Steel Output (000 Tons)	1,728	1,754	-1.5%	33,702	34,659	-2.8%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	5/17/24	5/10/24	% Chg	Wed.	5/15/24
Central App, 12,500 Btu, 1.2 SO ₂	\$74.75	\$74.75	0.0%	Henry Hub	2.15
Northern App, 13,000 Btu, < 3.0 SO ₂	52.85	52.85	0.0%	New York	1.61
Illinois Basin, 11,800, 5.0 SO ₂	45.00	45.00	0.0%	Chicago	1.89
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.70	13.70	0.0%	Cal.Comp.Avg.	2.00

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		
	5/18/2024 (week 20)	5/11/2024 (week 19)	5/20/2023 (week 20)	5/18/2024	5/18/2023	% Change	5/18/2024	5/20/2023	% Change
Alabama	201	183	219	3,936	4,289	-8.2	11,629	11,045	5.3
Alaska	15	14	18	339	410	-17.2	933	1,056	-11.6
Colorado	176	160	235	3,554	4,426	-19.7	11,433	12,668	-9.7
Illinois	532	528	748	11,898	15,050	-20.9	33,836	38,710	-12.6
Indiana	340	313	448	7,799	9,826	-20.6	21,471	25,361	-15.3
Kentucky total	417	381	548	9,118	11,432	-20.2	25,559	29,561	-13.5
Eastern (KY)	186	166	247	4,006	4,909	-18.4	11,121	12,709	-12.5
Western (KY)	231	215	301	5,112	6,523	-21.6	14,438	16,852	-14.3
Louisiana	4	4	5	89	111	-19.7	265	319	-16.9
Maryland	18	17	25	390	495	-21.2	1,145	1,417	-19.2
Mississippi	31	30	46	654	906	-27.8	2,420	3,097	-21.9
Missouri	3	2	3	53	54	-2.5	138	103	34.0
Montana	455	415	580	9,158	10,947	-16.3	27,121	28,874	-6.1
New Mexico	109	103	168	2,334	3,283	-28.9	6,992	9,909	-29.4
North Dakota	326	300	419	7,142	9,643	-25.9	21,469	26,468	-18.9
Ohio	23	22	35	515	740	-30.3	1,609	2,226	-27.7
Oklahoma	s	s	s	s	s	-7.4	2	2	s
Pennsylvania total	662	607	795	13,958	16,285	-14.3	40,147	41,445	-3.1
Anthracite (PA)	49	41	46	973	1,049	-7.2	2,845	2,670	6.6
Bituminous (PA)	613	566	749	12,984	15,236	-14.8	37,302	38,775	-3.8
Tennessee	s	.
Texas	164	164	229	3,869	5,318	-27.3	12,331	16,396	-24.8
Utah	79	76	120	1,843	2,868	-35.8	5,861	9,245	-36.6
Virginia	152	136	211	3,446	4,470	-22.9	9,447	11,714	-19.4
West Virginia total	1,283	1,202	1,691	27,808	34,079	-18.4	77,854	87,275	-10.8
Northern (WV)	661	596	899	14,218	18,069	-21.3	40,517	48,109	-15.8
Southern (WV)	623	606	792	13,590	16,009	-15.1	37,336	39,166	-4.7
Wyoming	3,464	3,155	4,252	72,379	89,132	-18.8	219,318	246,173	-10.9
Appalachian total	2,525	2,333	3,223	54,058	65,267	-17.2	152,952	167,832	-8.9
Interior total	1,304	1,255	1,779	29,474	37,788	-22.0	84,901	100,839	-15.8
Western total	4,624	4,224	5,791	96,748	120,708	-19.8	293,128	334,393	-12.3
East of Mississippi River	3,659	3,418	4,765	79,521	97,571	-18.5	225,117	251,851	-10.6
West of Mississippi River	4,795	4,394	6,027	100,760	126,192	-20.2	305,864	351,212	-12.9
Bituminous and lignite	8,405	7,771	10,747	179,308	222,714	-19.5	528,135	600,392	-12.0
Anthracite	49	41	46	973	1,049	-7.2	2,845	2,670	6.6
U.S. total	8,454	7,813	10,793	180,281	223,763	-19.4	530,981	603,063	-12.0
Railroad cars loaded	50,520	46,715	63,072	1,067,940	1,298,159	-17.7	3,176,793	3,505,027	-9.4

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 20

OUTPUT FOR WEEK ENDED - May 18, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **May 18, 2024** was **74,022** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 18		52 Weeks Ended May 18	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,799	4.33 %	111,597	-1.74 %
Mid-Atlantic	6,755	2.33 %	405,762	-1.25 %
Central Industrial	11,655	5.23 %	639,817	-0.75 %
West Central	5,831	0.59 %	334,748	-1.20 %
Southeast	18,866	-3.12 %	1,016,471	0.01 %
South Central	16,228	0.03 %	878,099	5.17 %
Rocky Mountain	5,277	1.51 %	293,486	-1.00 %
Pacific Northwest	2,762	-5.20 %	158,236	-2.19 %
Pacific Southwest	4,848	-3.66 %	264,717	-4.07 %
Total United States	74,022	-0.02 %	4,102,933	0.23 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Apr 27	69,594	Apr 29	68,356	1.81 %	Apr 27	4,097,611	-0.20 %
May 04	73,515	May 06	69,704	5.47 %	May 04	4,101,422	-0.04 %
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 18	1,505,457	May 20	1,478,669	1.81 %	YEAR TO DATE, FIRST 20 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	18-May 2024 GWh Output	20-May 2023 GWh Output	% Increase Over Corresponding Week	18-May 2024 GWh Output	20-May 2023 GWh Output	% Increase Over Corresponding Week	18-May 2024 GWh Output	20-May 2023 GWh Output	% Increase Over Corresponding Week
New England	1,799	1,724	4.4%	41,761	41,164	1.5%	111,597	113,566	-1.7%
Mid-Atlantic	6,755	6,602	2.3%	150,372	147,157	2.2%	405,762	410,897	-1.2%
Central Industrial	11,655	11,076	5.2%	244,116	239,958	1.7%	639,817	644,670	-0.8%
West Central	5,831	5,797	0.6%	121,434	123,993	-2.1%	334,748	338,815	-1.2%
Southeast	18,866	19,474	-3.1%	377,142	366,206	3.0%	1,016,471	1,016,398	0.0%
South Central	16,228	16,223	0.0%	307,391	293,340	4.8%	878,099	834,938	5.2%
Rocky Mountain	5,277	5,198	1.5%	104,624	104,832	-0.2%	293,486	296,463	-1.0%
Pacific Northwest	2,762	2,914	-5.2%	66,060	66,618	-0.8%	158,236	161,780	-2.2%
Pacific Southwest	4,848	5,032	-3.7%	92,552	95,402	-3.0%	264,717	275,959	-4.1%
Total United States^{1/}	74,021	74,040	0.0%	1,505,452	1,478,669	1.8%	4,102,933	4,093,486	0.2%
Coal Regions Only^{2/}	64,612	64,370	0.4%	1,305,079	1,275,485	2.3%	3,568,383	3,542,181	0.7%

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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May 20, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

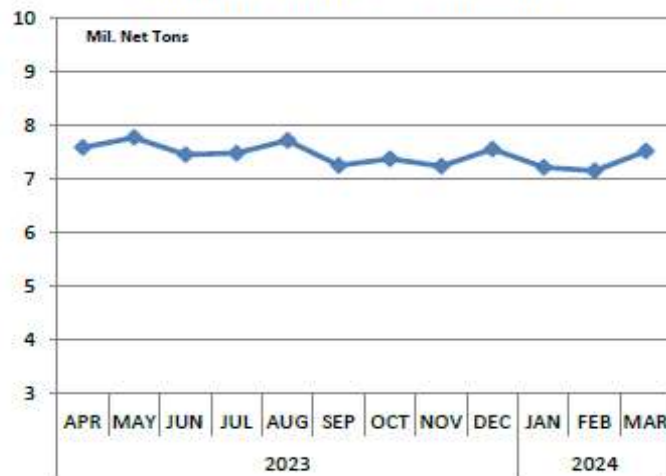
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending May 18</u>	<u>May 11</u>	
<u>Week Ending</u>				North East	136	140
				Great Lakes	550	561
May 18, 2024	1,728	0.8	77.8	Midwest	207	208
May 18, 2023	1,754	-1.5	77.9	Southern	765	744
May 11, 2024	1,715	0.4	77.2	Western	<u>70</u>	<u>62</u>
				Total	1,728	1,715
<u>Year-to-Date +</u>						
May 18, 2024	33,702	-2.8	76.4			
May 18, 2023	34,659	-	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 20, 2024 – Ended May 18, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	214,092	-4.8%	4,259,530	212,977	-4.9%
Chemicals	32,294	2.3%	649,227	32,461	3.9%
Coal	50,520	-19.3%	1,071,130	53,557	-18.2%
Farm Products excl. Grain, and Food	15,555	-0.7%	329,193	16,460	0.3%
Forest Products	8,201	-2.0%	166,016	8,301	0.8%
Grain	19,917	11.2%	406,901	20,345	1.1%
Metallic Ores and Metals	20,570	-8.3%	391,705	19,585	-2.4%
Motor Vehicles and Parts	15,848	0.7%	303,074	15,154	5.1%
Nonmetallic Minerals	31,798	-3.5%	566,770	28,339	-7.2%
Petroleum and Petroleum Products	10,330	10.8%	203,396	10,170	9.9%
Other	9,059	8.5%	172,118	8,606	5.3%
Total Intermodal Units	260,794	6.2%	5,057,135	252,857	8.5%
Total Traffic	474,886	0.9%	9,316,665	465,833	2.0%

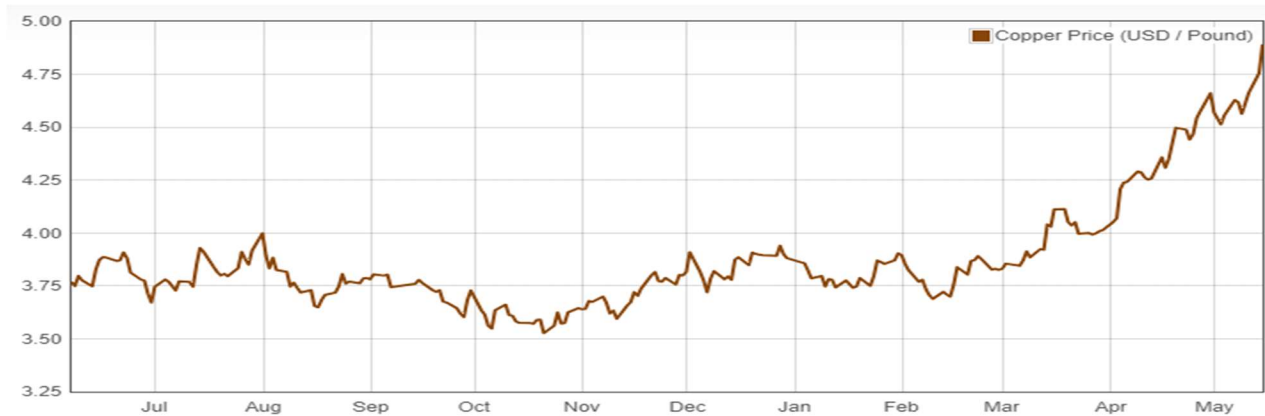
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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:

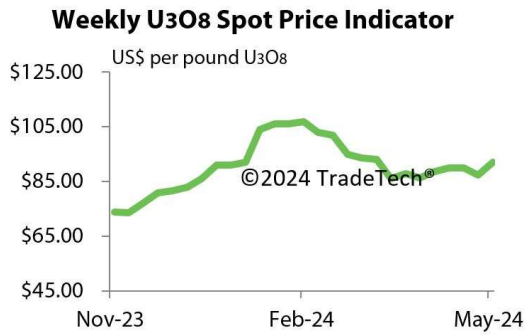


Gold and Silver Prices:



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>

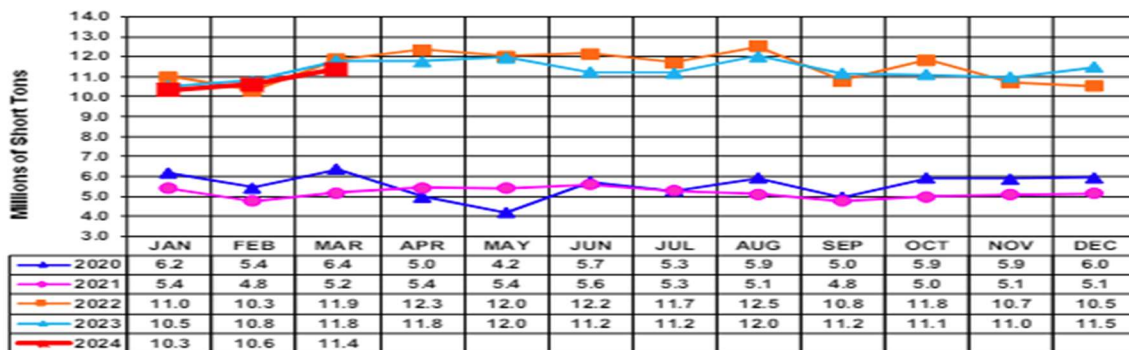
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	February 2024		February 2023			January 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	2,014	285	2,891	365	-30.3%	2,099	205	-4.0%
	Subbituminous								
South	Bituminous	20,069	144	19,605	140	2.4%	19,053	143	5.3%
	Subbituminous	6,714	121	4,792	104	40.1%	6,588	121	1.9%
Midwest	Bituminous	11,780	143	9,643	117	22.2%	11,243	140	4.8%
	Subbituminous	33,959	154	24,420	136	39.1%	32,088	157	5.8%
West	Bituminous	2,991	187	2,316	152	29.2%	2,769	185	8.0%
	Subbituminous	31,671	159	21,111	127	50.0%	30,634	162	3.4%
U.S. Total	Bituminous	36,854	149	34,455	139	7.0%	35,164	148	4.8%
	Subbituminous	72,345	152	50,322	129	43.8%	69,310	156	4.4%

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

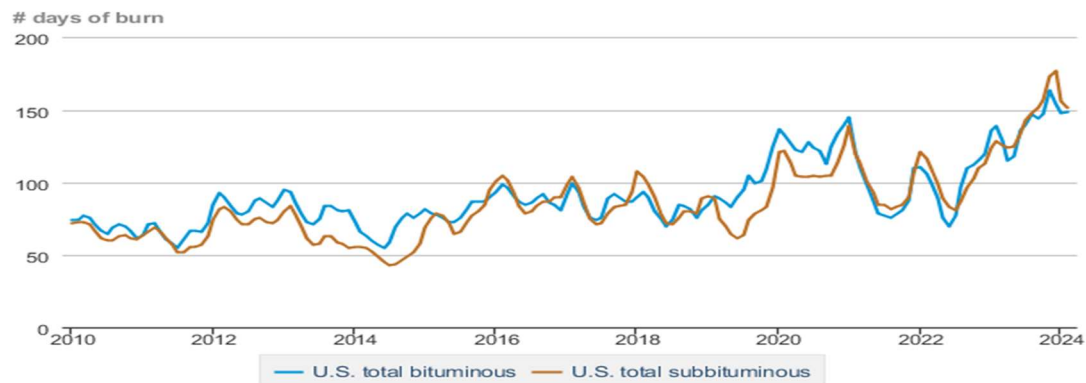
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/19/24	04/26/24	05/03/24	05/10/24	05/17/24	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$72.50	\$72.50	\$74.75	\$74.75	\$74.75	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$51.25	\$51.25	\$52.85	\$52.85	\$52.85	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$44.50	\$44.50	\$45.00	\$45.00	\$45.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.75	\$13.75	\$13.70	\$13.70	\$13.70	\$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 - February 2024



 Data source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending May 09)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	70	-13	-2	0	0	0
Middle Atlantic	46	-22	-15	4	3	4
E N Central	36	-37	-13	2	-3	-1
W N Central	53	-10	22	2	-5	-17
South Atlantic	7	-21	-23	54	26	22
E S Central	1	-25	-18	55	36	23
W S Central	2	-5	0	70	28	3
Mountain	99	22	29	7	-7	2
Pacific	65	18	-16	0	-6	0
United States	42	-12	-7	23	9	5

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

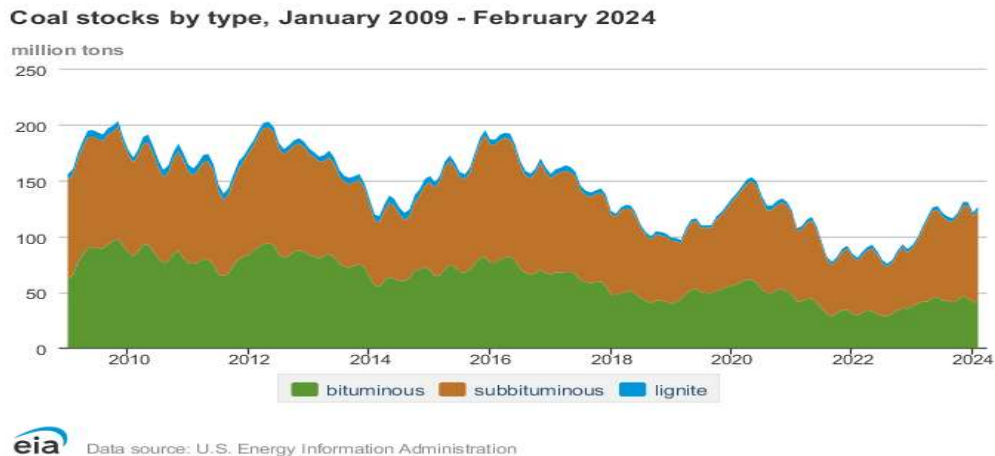
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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*.



Source: Energy Information Administration, *Electricity Monthly Update*

Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	5/20/24	\$12.62
Copper Spot Price (\$/lb)	5/21/24	\$5.11
Gold Spot Price (\$/ounce)	5/21/24	\$2,417.05
Lead Spot Price (\$/lb)	5/21/24	\$1.05
Lithium Spot Price (\$/kg)	5/16/24	\$14.58
Molybdenum Spot Price (\$/kg)	5/21/24	\$69.09
Nickel Spot Price (\$/lb)	5/21/24	\$9.64
Silver Spot Price (\$/ounce)	5/21/24	\$31.63
Steel HRC Price (\$/mt)	5/21/24	\$775.00
Steel Rebar Price (\$/mt)	5/21/24	\$495.30
Zinc Spot Price (\$/lb)	5/21/24	\$1.41
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	5/21/24	\$250.00
Coal Spot Price - Central Appalachian (\$/st)	5/17/24	\$74.75
Coal Spot Price - Newcastle futures (\$/mt)	5/21/24	\$142.42
Coal Spot Price - Rotterdam futures (\$/mt)	5/21/24	\$106.75
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	5/15/24	\$2.15
Uranium Spot Price (\$/lb)	5/20/24	\$91.35

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

EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2024-05-10	2024-05-03	change
East	482	454	28
Midwest	606	584	22
Mountain	196	191	5
Pacific	252	246	6
South Central	1,097	1,087	10
Total	2,633	2,563	70

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*

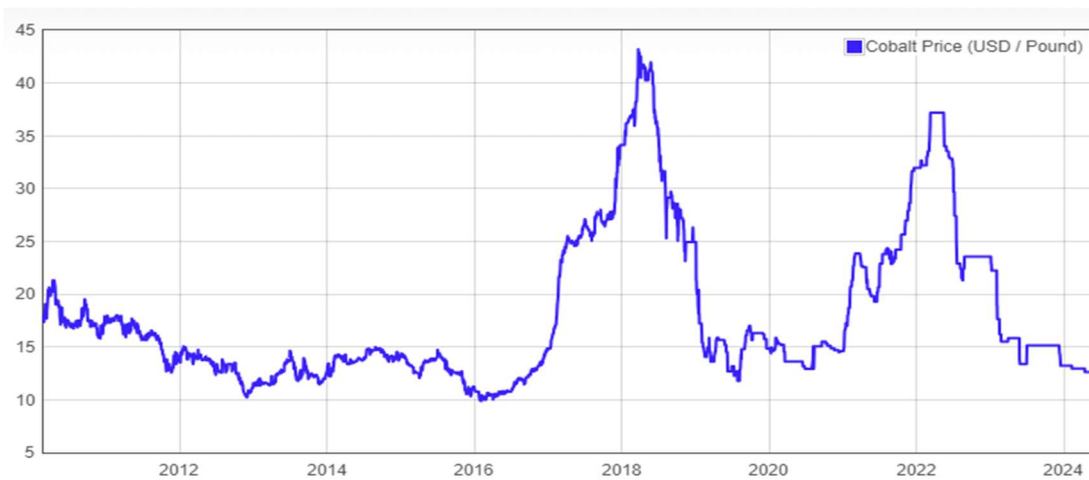
USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - February 2024	Feb-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	668	1,470
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	332	698
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	18.10	12.72

Source: USGS, Mineral Industry Survey, Cobalt in February 2024, April 2024

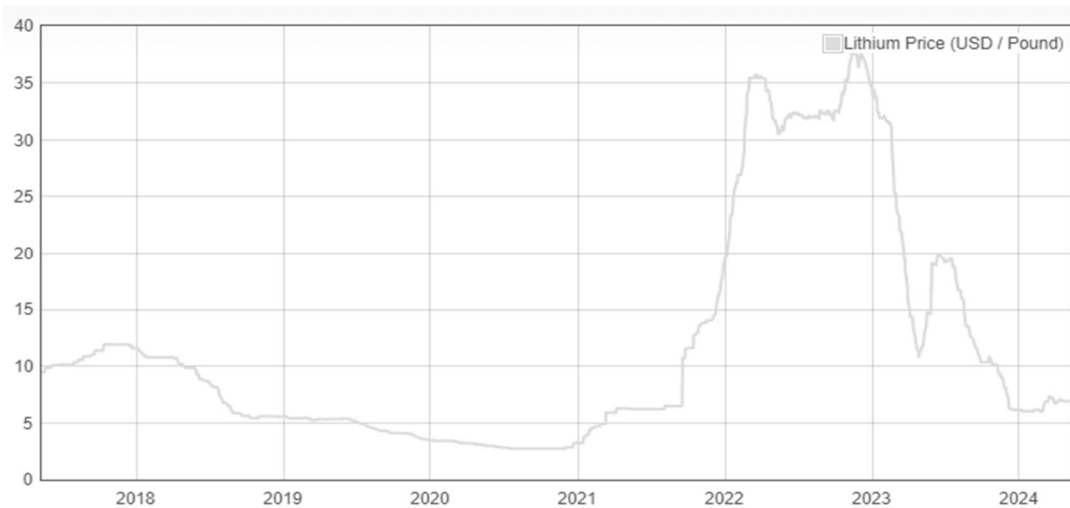
Cobalt and Lithium Prices

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>