



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

March 08, 2024 Edition
(Data for Week Ending March 2, 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		
	3/02/24	3/04/23	% Chg	3/02/24	3/02/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,840	12,613	-22.0%	88,542	100,506	-11.9%
52 Weeks Ended	561,989	603,699	-6.9%			
AAR Coal Rail Cars Loaded:	57,929	72,903	-20.5%	521,284	580,924	-10.3%
EIA Coal Production Month Ended - February	Feb 24/23	Feb 24/23	% Chg	Jan - Feb 24/23	Jan - Feb 24/23	% Chg
	42,837	45,713	-6.3%	85,787	96,723	-11.3%

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

	January 24/23		% Chg	Jan - Jan 24/23		% Chg
	Jan 24/23	Jan 24/23		Jan - Jan 24/23	Jan - Jan 24/23	
Coal Exports:						
Metallurgical	3,945	4,049	-2.6%	3,945	4,049	-2.6%
Steam Bit. *	4,419	3,001	47.3%	4,419	3,001	47.3%
Lignite	10	8	25.0%	10	8	25.0%
Anthracite	47	87	-46.0%	47	87	-46.0%
Total	8,421	7,145	17.9%	8,421	7,145	17.9%
Coal Imports:	94	479	-80.4%	94	479	-80.4%

	Week Ended			Cumulative Week 1 to		
	3/02/24	3/04/23	% Chg	3/02/24	3/04/23	% Chg
EI Electric Total Output (Mil. Kwh)	75,244	74,916	0.4%	716,443	690,283	3.8%
EI Coal Region Output (Mil. Kwh)	64,879	63,908	1.5%	620,205	593,490	4.5%
AISI Raw Steel Output (000 Tons)	1,716	1,776	-3.4%	14,859	15,450	-3.8%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	3/01/24	2/23/24	% Chg	Wed.	2/28/24
Central App, 12,500 Btu, 1.2 SO ₂	\$75.50	\$75.50	0.0%	Henry Hub	1.63
Northern App, 13,000 Btu, < 3.0 SO ₂	50.45	50.45	0.0%	New York	1.59
Illinois Basin, 11,800, 5.0 SO ₂	43.00	43.00	0.0%	Chicago	1.51
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.90	13.90	0.0%	Cal.Comp.Avg.	1.80
Uinta Basin, 11,700 Btu, 0.8 SO ₂	26.80	26.80	0.0%		

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		
	3/2/2024 (week 9)	2/24/2024 (week 8)	3/4/2023 (week 9)	3/2/2024	3/2/2023	% Change	3/2/2024	3/4/2023	% Change
Alabama	212	222	235	1,849	1,871	-1.2	11,956	10,761	11.1
Alaska	19	21	24	174	192	-9.3	984	1,040	-5.4
Colorado	198	192	237	1,670	1,887	-11.5	12,089	12,828	-5.8
Illinois	648	705	835	5,883	6,656	-11.6	36,191	38,549	-6.1
Indiana	419	487	569	4,027	4,535	-11.2	22,954	24,859	-7.7
Kentucky total	494	544	646	4,566	5,149	-11.3	27,263	29,290	-6.9
Eastern (KY)	214	237	270	2,006	2,155	-6.9	11,869	12,470	-4.8
Western (KY)	279	307	376	2,560	2,994	-14.5	15,394	16,820	-8.5
Louisiana	5	6	7	46	52	-11.9	281	322	-12.7
Maryland	21	23	27	193	216	-10.8	1,226	1,433	-14.4
Mississippi	38	36	50	310	398	-22.0	2,583	3,312	-22.0
Missouri	3	3	3	25	24	5.6	140	87	60.9
Montana	495	502	587	4,340	4,675	-7.2	28,573	28,635	-0.2
New Mexico	126	139	179	1,152	1,430	-19.4	7,659	10,270	-25.4
North Dakota	398	407	571	3,531	4,547	-22.4	22,911	26,906	-14.8
Ohio	29	30	42	255	336	-24.1	1,750	2,386	-26.7
Oklahoma	s	s	s	s	s	24.1	2	2	s
Pennsylvania total	764	801	913	6,802	7,272	-6.5	41,973	40,962	2.5
Anthracite (PA)	52	55	62	473	493	-4.1	2,896	2,622	10.5
Bituminous (PA)	712	746	851	6,329	6,779	-6.6	39,076	38,339	1.9
Tennessee	s	.
Texas	218	238	316	1,971	2,518	-21.7	13,209	17,098	-22.7
Utah	105	113	173	932	1,375	-32.2	6,429	10,094	-36.3
Virginia	186	212	255	1,771	2,029	-12.7	10,201	11,487	-11.2
West Virginia total	1,501	1,636	1,893	13,753	15,086	-8.8	82,734	85,978	-3.8
Northern (WV)	771	833	1,002	7,063	7,987	-11.6	43,415	47,837	-9.2
Southern (WV)	730	802	891	6,690	7,099	-5.8	39,319	38,140	3.1
Wyoming	3,962	4,163	5,052	35,292	40,258	-12.3	230,881	247,400	-6.7
Appalachian total	2,928	3,160	3,635	26,629	28,964	-8.1	161,709	165,477	-2.3
Interior total	1,610	1,782	2,156	14,822	17,178	-13.7	90,754	101,049	-10.2
Western total	5,302	5,537	6,822	47,092	54,364	-13.4	309,526	337,173	-8.2
East of Mississippi River	4,312	4,695	5,465	39,408	43,548	-9.5	238,831	249,017	-4.1
West of Mississippi River	5,528	5,784	7,148	49,134	56,959	-13.7	323,158	354,682	-8.9
Bituminous and lignite	9,788	10,424	12,551	88,070	100,013	-11.9	559,093	601,077	-7.0
Anthracite	52	55	62	473	493	-4.1	2,896	2,622	10.5
U.S. total	9,840	10,479	12,613	88,542	100,506	-11.9	561,989	603,699	-6.9
Railroad cars loaded	57,929	61,556	72,903	521,284	580,924	-10.3	3,344,611	3,493,445	-4.3

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 9

OUTPUT FOR WEEK ENDED - Mar 02, 2024

Mar 06, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Mar 02, 2024** was **75,244** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **173** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended March 02		52 Weeks Ended March 02	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Period of 2023
New England	2,144	-7.4	111,409	-2.5
Mid-Atlantic	7,711	-1.0	405,473	-1.7
Central Industrial	12,036	1.6	639,674	-1.3
West Central	5,932	-3.2	336,915	-0.8
Southeast	18,879	4.8	1,017,402	-0.1
South Central	14,578	3.5	872,803	4.2
Rocky Mountain	5,743	-5.0	293,235	-1.3
Pacific Northwest	3,628	-4.4	158,746	-1.7
Pacific Southwest	4,593	-6.2	266,649	-3.0
Total United States	75,244	0.4	4,102,305	0.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Feb 10	75,587	Feb 11	75,319	0.4	Feb 10	4,099,348	-0.3
Feb 17	76,416	Feb 18	75,037	1.8	Feb 17	4,100,727	-0.2
Feb 24	75,613	Feb 25	74,362	1.7	Feb 24	4,101,977	0.0
Mar 02	75,244	Mar 04	74,916	0.4	Mar 02	4,102,305	0.0
Mar 02	716,443	Mar 04	690,283	3.8	YEAR TO DATE, FIRST 9 WEEKS		

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

Week Ended	2024	Week Ended	2023	Week Ended	2022
Feb 10	171	Feb 11	178	Feb 12	193
Feb 17	174	Feb 18	178	Feb 19	194
Feb 24	174	Feb 25	178	Feb 26	181
Mar 02	173	Mar 04	170	Mar 05	171

* 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		
	2-Mar	4-Mar	% Increase Over Corresponding Week	2-Mar	4-Mar	% Increase Over Corresponding Week	2-Mar	4-Mar	% Increase Over Corresponding Week
	2024 GWh Output	2023 GWh Output		2024 GWh Output	2023 GWh Output		2024 GWh Output	2023 GWh Output	
New England	2,144	2,315	-7.4%	20,912	20,504	2.0%	111,409	114,243	-2.5%
Mid-Atlantic	7,711	7,787	-1.0%	73,796	70,868	4.1%	405,473	412,366	-1.7%
Central Industrial	12,036	11,851	1.6%	117,174	113,159	3.5%	639,674	647,979	-1.3%
West Central	5,932	6,126	-3.2%	58,135	58,528	-0.7%	336,915	339,590	-0.8%
Southeast	18,879	18,012	4.8%	180,449	168,577	7.0%	1,017,402	1,018,737	-0.1%
South Central	14,578	14,088	3.5%	139,792	131,037	6.7%	872,803	837,315	4.2%
Rocky Mountain	5,743	6,044	-5.0%	50,859	51,321	-0.9%	293,235	297,101	-1.3%
Pacific Northwest	3,628	3,794	-4.4%	32,323	32,368	-0.1%	158,746	161,467	-1.7%
Pacific Southwest	4,593	4,899	-6.2%	43,002	43,921	-2.1%	266,649	274,784	-3.0%
Total United States ^{1/}	<u>75,244</u>	<u>74,916</u>	0.4%	<u>716,442</u>	<u>690,283</u>	3.8%	<u>4,102,306</u>	<u>4,103,582</u>	0.0%
Coal Regions Only ^{2/}	64,879	63,908	1.5%	620,205	593,490	4.5%	3,565,502	3,553,088	0.3%

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*.

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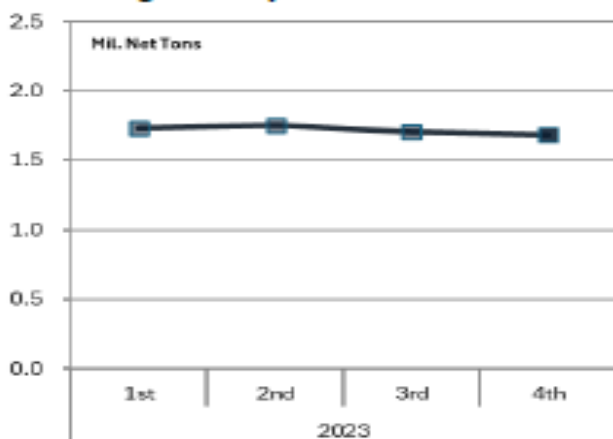
March 4, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

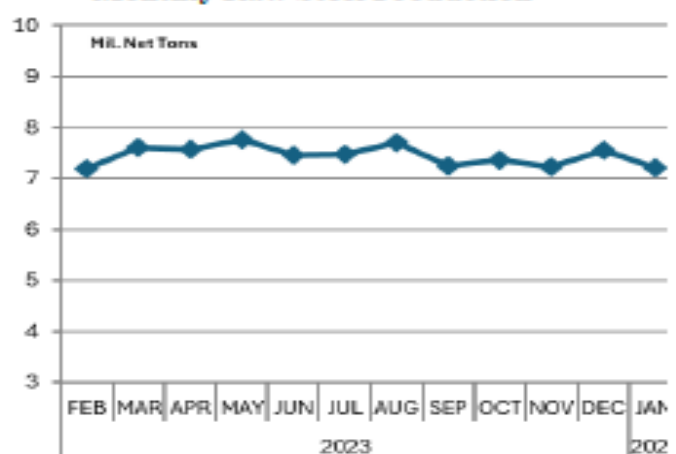
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Mar 2</u>	<u>Feb 24</u>	
<u>Week Ending</u>				North East	134	132
				Great Lakes	566	556
Mar 2, 2024	1,716	-0.6	77.3	Midwest	193	192
Mar 2, 2023	1,776	-3.4	79.5	Southern	755	775
Feb 24, 2024	1,727	0.3	77.8	Western	68	72
				Total	1,716	1,727
<u>Year-to-Date +</u>						
Mar 2, 2024	14,859	-3.8	75.5			
Mar 2, 2023	15,450	-	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



U.S. Rail Traffic¹
 Week 9, 2024 – Ended March 2, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	220,406	-4.3%	1,910,716	212,302	-4.6%
Chemicals	33,254	1.1%	285,854	31,762	3.9%
Coal	57,929	-20.5%	528,893	58,766	-12.0%
Farm Products excl. Grain, and Food	17,797	3.4%	148,652	16,517	-0.8%
Forest Products	8,232	0.6%	73,259	8,140	-0.2%
Grain	19,484	2.8%	181,799	20,200	-4.9%
Metallic Ores and Metals	19,732	8.4%	174,453	19,384	0.9%
Motor Vehicles and Parts	15,890	11.4%	123,586	13,732	1.9%
Nonmetallic Minerals	28,835	-5.9%	227,773	25,308	-11.9%
Petroleum and Petroleum Products	10,314	8.2%	90,169	10,019	4.7%
Other	8,939	17.1%	76,278	8,475	5.4%
Total Intermodal Units	262,732	12.0%	2,246,326	249,592	7.9%
Total Traffic	483,138	3.9%	4,157,042	461,894	1.8%

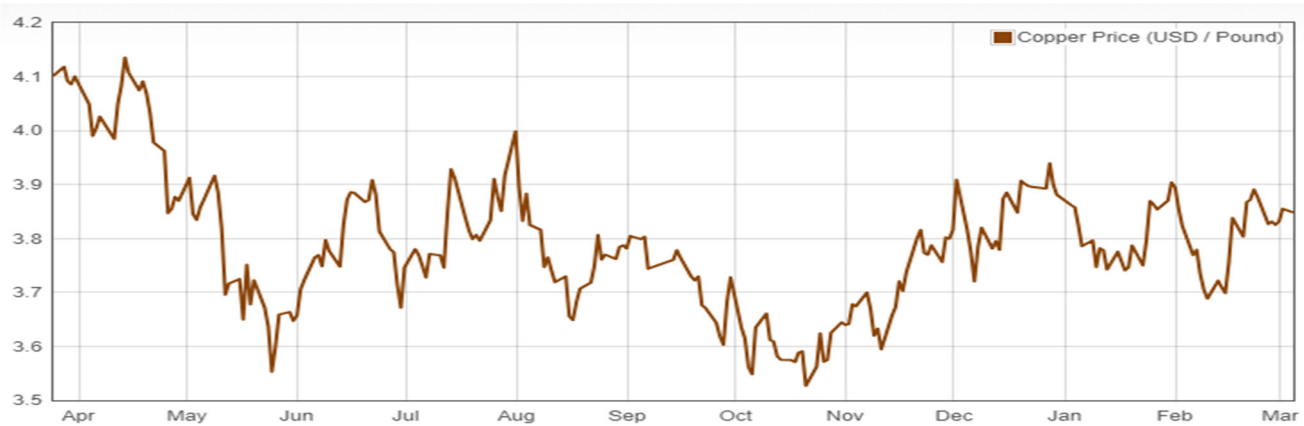
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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

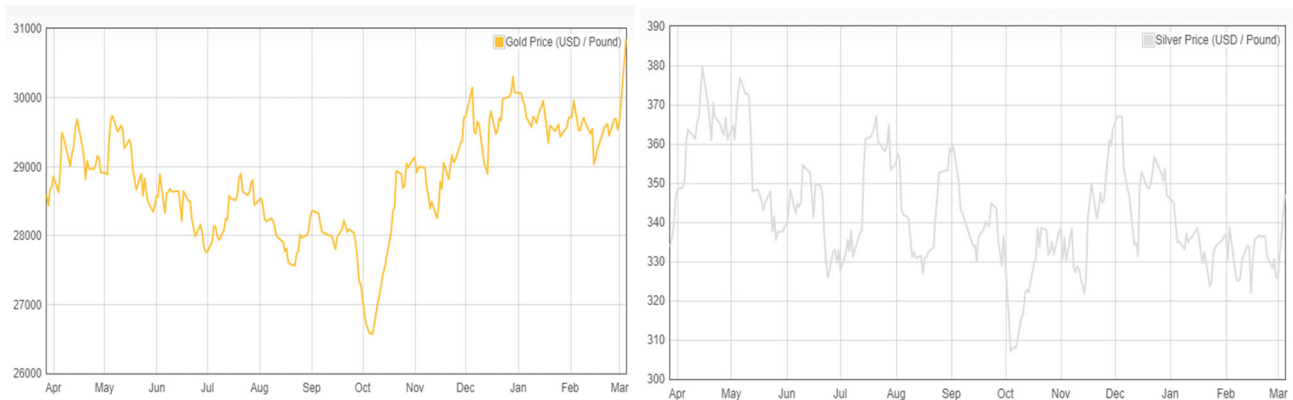
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

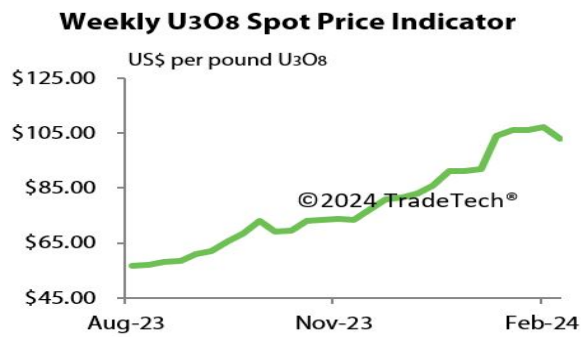


Gold and Silver Prices:



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

Trade Tech’s and UX’s Uranium Price Indicators



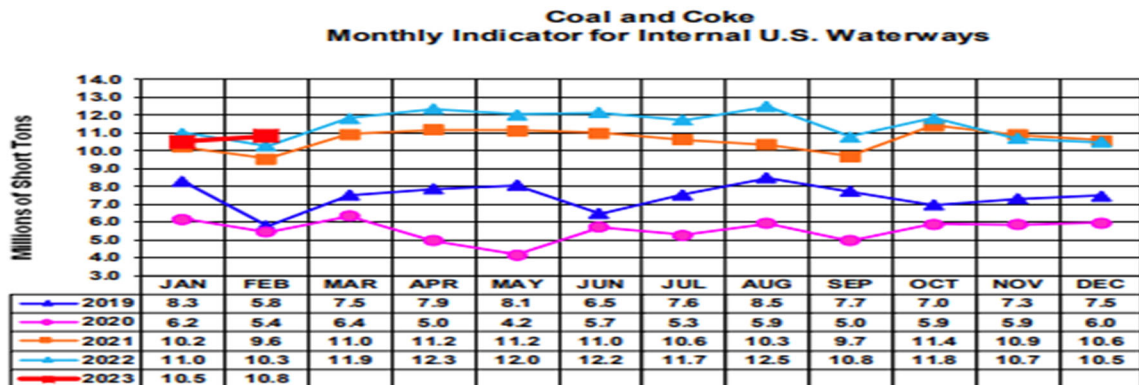
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

Zone	Coal	December 2023		December 2022			November 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	2,616	339	2,521	365	3.8%	2,442	251	7.1%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	20,657	148	15,741	124	31.2%	22,641	165	-8.8%
	Subbituminous	6,922	130	3,663	59	89.0%	6,605	113	4.8%
Midwest	Bituminous	12,578	145	8,608	89	46.1%	13,260	148	-5.1%
	Subbituminous	35,034	182	22,992	141	52.4%	33,303	179	5.2%
West	Bituminous	2,731	189	2,131	153	28.2%	2,755	190	-0.9%
	Subbituminous	32,548	182	18,658	107	74.4%	31,390	183	3.7%
U.S. Total	Bituminous	38,582	154	29,000	120	33.0%	41,099	164	-6.1%
	Subbituminous	74,503	177	45,312	113	64.4%	71,298	173	4.5%

Source: U.S. Energy Information Administration

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

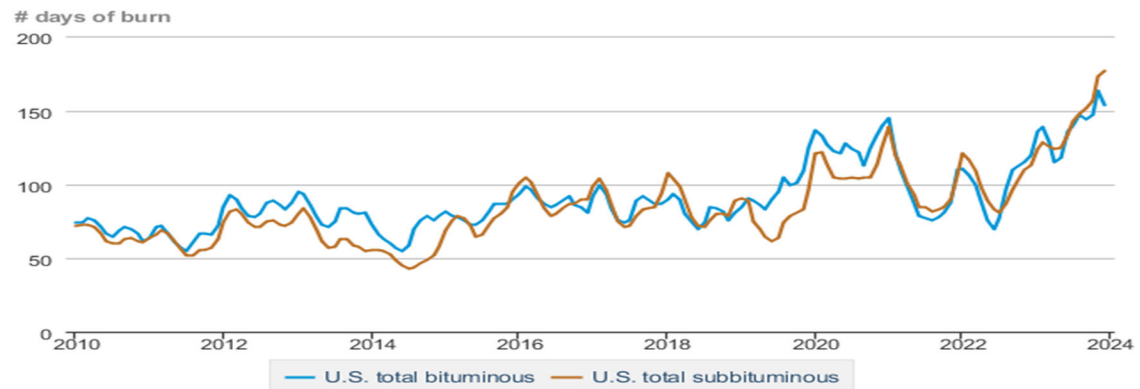
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	02/02/24	02/09/24	02/16/24	02/23/24	03/01/24	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$71.00	\$73.25	\$73.25	\$75.50	\$75.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$47.50	\$48.95	\$48.95	\$50.45	\$50.45	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$43.00	\$43.00	\$43.00	\$43.00	\$43.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$14.00	\$13.95	\$13.95	\$13.90	\$13.90	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$27.00	\$26.90	\$26.90	\$26.80	\$26.80	\$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 2023



 Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 22)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	259	7	76	0	0	0
Middle Atlantic	242	2	74	0	0	0
E N Central	225	-32	14	0	0	0
W N Central	218	-41	-42	0	0	0
South Atlantic	156	3	65	2	-6	-11
E S Central	151	1	53	0	-2	-4
W S Central	95	-5	10	4	0	-7
Mountain	188	-6	-43	0	-1	0
Pacific	104	5	-28	0	0	0
United States	181	-10	15	1	-1	-3

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

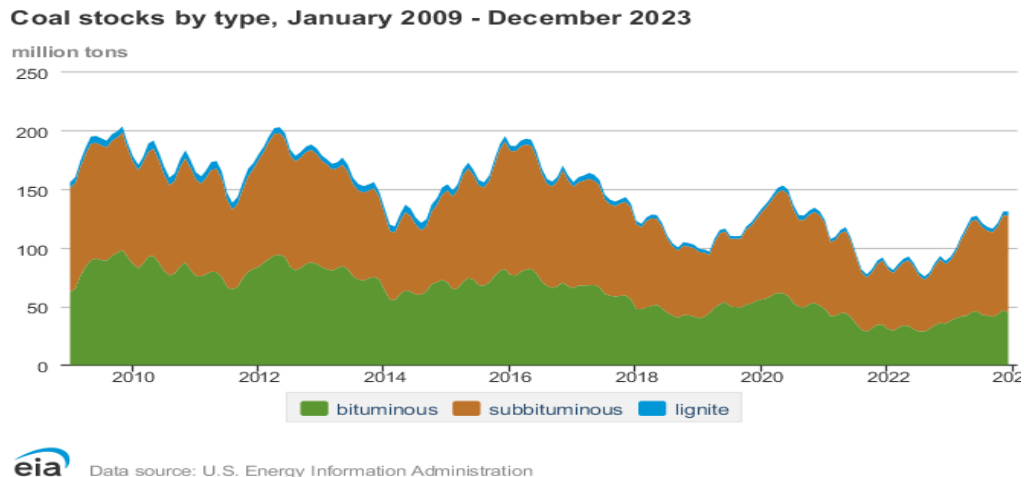
Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2023 Year to Date - 3rd Quarter	2022 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	686.0	649.0	6%
Cement (Mil. Mt.)	66.9	68.9	-3%
Copper (000 Mt.)	835.0	931.0	-10%
Gold (Mt.)	125.0	126.0	-1%
Gypsum (Mil. Mt.)	14.0	13.8	1%
Iron Ore (Mil. Mt.)	32.0	29.6	8%
Lead (000 Mt.)	201.0	203.0	-1%
Molybdenum (000 Mt.)	25.0	24.4	2%
Palladium (Mt.)	7.4	7.6	-3%
Phosphate rock (Mil. Mt.)	15.0	15.4	-3%
Platinum (Mt.)	2.2	2.3	-4%
Sand & gravel, construction (Mil. Mt.)	698.0	735.0	-5%
Silver (Mt.)	778.0	753.0	3%
Soda ash (Mil. Mt.)	8.1	8.3	-2%
Stone, crushed (Mil. Mt.)	1,170.0	1,180.0	-1%
Zinc (000 Mt.)	543.0	581.0	-7%

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)	3/4/24	\$12.95
Copper Spot Price (\$/lb)	3/5/24	\$3.84
Gold Spot Price (\$/ounce)	3/5/24	\$2,130.36
Lead Spot Price (\$/lb)	3/4/24	\$0.92
Lithium Spot Price (\$/kg)	3/5/24	\$15.07
Molybdenum Spot Price (\$/kg)	3/4/24	\$46.75
Nickel Spot Price (\$/lb)	3/4/24	\$8.03
Silver Spot Price (\$/ounce)	3/5/24	\$23.67
Steel HRC Price (\$/mt)	3/5/24	\$769.70
Steel Rebar Price (\$/mt)	3/5/24	\$511.87
Zinc Spot Price (\$/lb)	3/5/24	\$1.11
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	3/5/24	\$296.50
Coal Spot Price - Central Appalachian (\$/st)	3/1/24	\$75.50
Coal Spot Price - Newcastle futures (\$/mt)	3/5/24	\$137.27
Coal Spot Price - Rotterdam futures (\$/mt)	3/5/24	\$112.75
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	2/28/23	\$1.63
Uranium Spot Price (\$/lb)	2/26/24	\$95.00

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)		
	2024-02-23	2024-02-16	change
East	453	505	-52
Midwest	600	631	-31
Mountain	169	173	-4
Pacific	217	217	0
South Central	935	944	-9
Total	2,374	2,470	-96

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					
	February 2024	March 2024	change	February 2024	March 2024	change			
Anadarko	713	714	1	4,739	4,772	33			
Appalachia	235	236	1	27,695	27,950	255			
Bakken	1,717	1,726	9	2,611	2,624	13			
Eagle Ford	1,645	1,650	5	6,057	6,063	6			
Haynesville	15	15	-	13,544	13,571	27			
Niobrara	1,486	1,488	2	4,479	4,523	44			
Permian	1,345	1,358	13	2,503	2,514	11			
Rig-weighted average	1,158	1,172	14	5,939	5,954	15			

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - December 2023	Dec-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	750	7,670
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	347	5,090
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	18.40	13.67

Source: USGS, Mineral Industry Survey, Cobalt in December 2023, March 2024

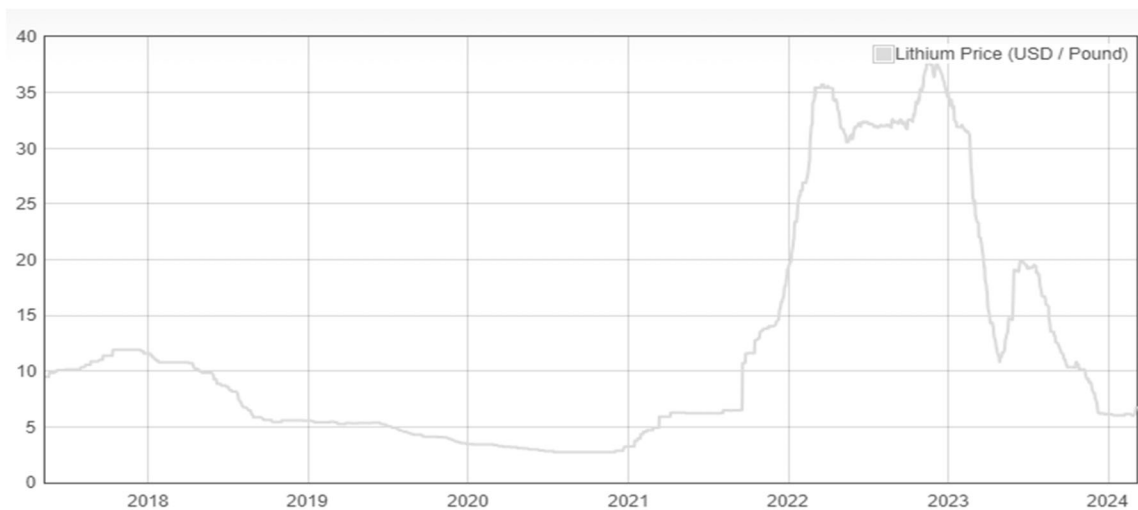
Cobalt and Lithium Prices

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>