



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

March 15, 2024 Edition
(Data for Week Ending March 9, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 10 | Dated 03/15/24

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	3/09/24	3/11/23	% Chg	3/09/24	3/09/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,505	11,233	-15.4%	98,048	112,126	-12.6%
52 Weeks Ended	560,261	602,829	-7.1%			
AAR Coal Rail Cars Loaded:	55,963	64,926	-13.8%	577,247	648,079	-10.9%
EIA Coal Production	Feb 24/23		% Chg	Jan - Feb 24/23		% Chg
Month Ended - February	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
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	<u>47</u>	<u>87</u>	-46.0%	<u>47</u>	<u>87</u>	-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		
	3/09/24	3/11/23	% Chg	3/09/24	3/11/23	% Chg
EI Electric Total Output (Mil. Kwh)	71,741	73,813	-2.8%	788,184	764,096	3.2%
EI Coal Region Output (Mil. Kwh)	61,525	63,341	-2.9%	681,730	656,831	3.8%
AISI Raw Steel Output (000 Tons)	1,734	1,718	0.9%	16,593	17,168	-3.3%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	3/08/24	3/01/24	% Chg	Wed.	3/06/24
Central App, 12,500 Btu, 1.2 SO ₂	\$77.80	\$75.50	3.0%	Henry Hub	1.66
Northern App, 13,000 Btu, < 3.0 SO ₂	51.00	50.45	1.1%	New York	1.60
Illinois Basin, 11,800, 5.0 SO ₂	43.00	43.00	0.0%	Chicago	1.58
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.85	13.90	-0.4%	Cal.Comp.Avg.	2.30
Uinta Basin, 11,700 Btu, 0.8 SO ₂	26.70	26.80	-0.4%		

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		
	3/9/2024 (week 10)	3/2/2024 (week 9)	3/11/2023 (week 10)	3/9/2024	3/9/2023	% Change	3/9/2024	3/11/2023	% Change
Alabama	203	212	209	2,053	2,087	-1.7	11,950	10,761	11.0
Alaska	17	19	21	192	214	-10.6	980	1,040	-5.8
Colorado	197	198	211	1,867	2,105	-11.3	12,074	12,793	-5.6
Illinois	626	648	744	6,509	7,426	-12.4	36,072	38,538	-6.4
Indiana	397	419	507	4,424	5,060	-12.6	22,845	24,929	-8.4
Kentucky total	477	494	575	5,043	5,744	-12.2	27,164	29,287	-7.2
Eastern (KY)	210	214	241	2,216	2,404	-7.8	11,839	12,479	-5.1
Western (KY)	266	279	335	2,826	3,340	-15.4	15,326	16,808	-8.8
Louisiana	4	5	6	50	58	-13.6	279	323	-13.6
Maryland	21	21	24	214	241	-11.4	1,223	1,425	-14.2
Mississippi	36	38	44	346	444	-22.0	2,575	3,297	-21.9
Missouri	3	3	3	28	27	5.0	140	89	57.3
Montana	497	495	522	4,837	5,215	-7.2	28,548	28,590	-0.1
New Mexico	119	126	160	1,271	1,595	-20.3	7,619	10,204	-25.3
North Dakota	391	398	508	3,922	5,073	-22.7	22,794	26,834	-15.1
Ohio	27	29	38	282	375	-24.6	1,740	2,365	-26.4
Oklahoma	s	s	s	s	s	25.4	2	2	s
Pennsylvania total	744	764	813	7,546	8,113	-7.0	41,903	40,948	2.3
Anthracite (PA)	51	52	55	524	550	-4.8	2,892	2,629	10.0
Bituminous (PA)	692	712	758	7,022	7,562	-7.1	39,011	38,319	1.8
Tennessee	s	.
Texas	199	218	281	2,169	2,809	-22.8	13,126	17,047	-23.0
Utah	96	105	154	1,028	1,534	-33.0	6,371	9,984	-36.2
Virginia	179	186	227	1,949	2,263	-13.9	10,153	11,498	-11.7
West Virginia total	1,461	1,501	1,686	15,214	16,830	-9.6	82,510	85,971	-4.0
Northern (WV)	752	771	893	7,815	8,911	-12.3	43,275	47,780	-9.4
Southern (WV)	709	730	793	7,399	7,919	-6.6	39,235	38,190	2.7
Wyoming	3,812	3,962	4,499	39,103	44,912	-12.9	230,193	246,904	-6.8
Appalachian total	2,845	2,928	3,237	29,474	32,313	-8.8	161,318	165,448	-2.5
Interior total	1,531	1,610	1,920	16,353	19,164	-14.7	90,365	101,032	-10.6
Western total	5,129	5,302	6,076	52,221	60,649	-13.9	308,579	336,348	-8.3
East of Mississippi River	4,171	4,312	4,867	43,579	48,582	-10.3	238,135	249,020	-4.4
West of Mississippi River	5,334	5,528	6,366	54,468	63,543	-14.3	322,126	353,809	-9.0
Bituminous and lignite	9,454	9,788	11,178	97,524	111,575	-12.6	557,369	600,199	-7.1
Anthracite	51	52	55	524	550	-4.8	2,892	2,629	10.0
U.S. total	9,505	9,840	11,233	98,048	112,126	-12.6	560,261	602,829	-7.1
Railroad cars loaded	55,963	57,929	64,926	577,247	648,079	-10.9	3,335,648	3,490,067	-4.4

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 10

OUTPUT FOR WEEK ENDED - Mar 09, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Mar 09, 2024** was **71,741** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 09		52 Weeks Ended March 09	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,056	-2.15 %	111,364	-2.48 %
Mid-Atlantic	7,204	-5.80 %	405,030	-1.79 %
Central Industrial	11,393	-4.92 %	639,084	-1.30 %
West Central	5,772	-5.90 %	336,553	-0.82 %
Southeast	17,399	-3.10 %	1,016,845	-0.12 %
South Central	14,512	1.20 %	872,975	4.29 %
Rocky Mountain	5,245	-0.68 %	293,199	-1.26 %
Pacific Northwest	3,565	1.49 %	158,798	-1.75 %
Pacific Southwest	4,596	-5.43 %	266,385	-3.19 %
Total United States	71,741	-2.81 %	4,100,233	-0.05 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Feb 17	76,416	Feb 18	75,037	1.84 %	Feb 17	4,100,727	-0.17 %
Feb 24	75,613	Feb 25	74,362	1.68 %	Feb 24	4,101,977	-0.03 %
Mar 02	75,244	Mar 04	74,916	0.44 %	Mar 02	4,102,305	-0.03 %
Mar 09	71,741	Mar 11	73,813	-2.81 %	Mar 09	4,100,233	-0.05 %
Mar 09	788,184	Mar 11	764,096	3.15 %	YEAR TO DATE, FIRST 10 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	9-Mar	11-Mar	% Increase Over Corresponding Week	9-Mar	11-Mar	% Increase Over Corresponding Week	9-Mar	11-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	2,056	2,101	-2.1%	22,968	22,605	1.6%	111,364	114,194	-2.48%
Mid-Atlantic	7,204	7,648	-5.8%	81,000	78,516	3.2%	405,030	412,427	-1.79%
Central Industrial	11,393	11,983	-4.9%	128,567	125,142	2.7%	639,084	647,485	-1.30%
West Central	5,772	6,134	-5.9%	63,907	64,662	-1.2%	336,553	339,328	-0.82%
Southeast	17,399	17,957	-3.1%	197,848	186,534	6.1%	1,016,845	1,018,107	-0.12%
South Central	14,512	14,339	1.2%	154,304	145,376	6.1%	872,975	837,030	4.29%
Rocky Mountain	5,245	5,280	-0.7%	56,104	56,601	-0.9%	293,199	296,944	-1.26%
Pacific Northwest	3,565	3,512	1.5%	35,888	35,880	0.0%	158,798	161,619	-1.75%
Pacific Southwest	4,596	4,859	-5.4%	47,598	48,780	-2.4%	266,385	275,150	-3.19%
Total United States ^{1/}	<u>71,742</u>	<u>73,813</u>	-2.8%	<u>788,184</u>	<u>764,096</u>	3.2%	<u>4,100,233</u>	<u>4,102,284</u>	-0.05%
Coal Regions Only ^{2/}	61,525	63,341	-2.9%	681,730	656,831	3.8%	3,563,686	3,551,321	0.35%

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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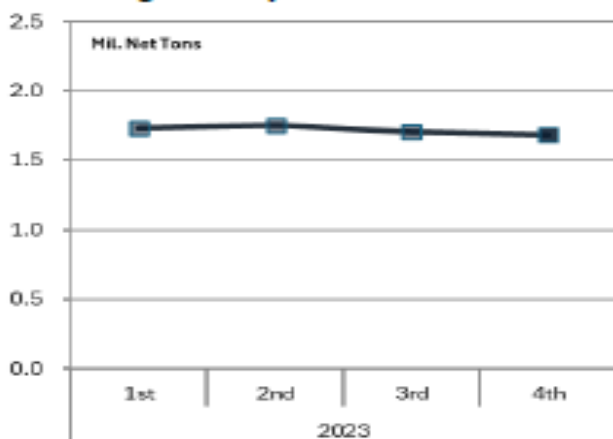
March 11, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

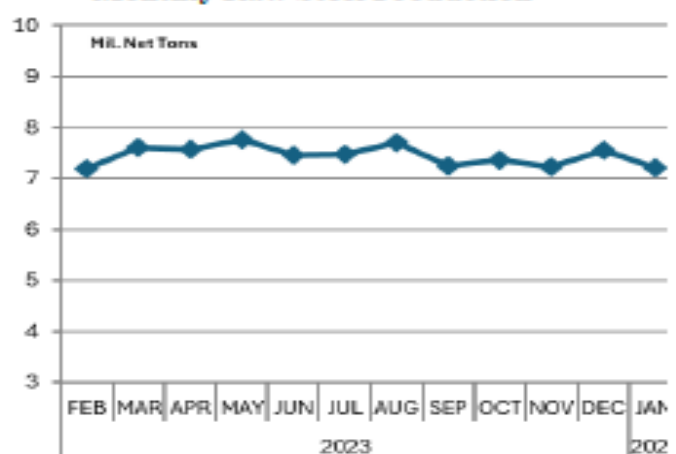
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Mar 9</u>	<u>Mar 2</u>	
<u>Week Ending</u>				North East	137	134
				Great Lakes	586	566
Mar 9, 2024	1,734	1.0	78.1	Midwest	185	193
Mar 9, 2023	1,718	0.9	76.9	Southern	762	755
Mar 2, 2024	1,716	-0.6	77.3	Western	64	68
				Total	1,734	1,716
<u>Year-to-Date +</u>						
Mar 9, 2024	16,593	-3.3	75.8			
Mar 9, 2023	17,168	-	77.7			

*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 10, 2024 – Ended March 9, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	214,585	-3.7%	2,125,301	212,530	-4.5%
Chemicals	33,713	6.0%	319,567	31,957	4.2%
Coal	55,963	-13.8%	584,856	58,486	-12.2%
Farm Products excl. Grain, and Food	16,626	-1.9%	165,278	16,528	-0.9%
Forest Products	8,342	-1.0%	81,601	8,160	-0.2%
Grain	19,287	1.3%	201,086	20,109	-4.3%
Metallic Ores and Metals	18,882	3.8%	193,335	19,334	1.2%
Motor Vehicles and Parts	15,546	1.8%	139,132	13,913	1.9%
Nonmetallic Minerals	28,505	-8.6%	256,278	25,628	-11.5%
Petroleum and Petroleum Products	9,930	16.4%	100,099	10,010	5.7%
Other	7,791	-8.5%	84,069	8,407	4.0%
Total Intermodal Units	258,077	13.5%	2,504,403	250,440	8.5%
Total Traffic	472,662	5.0%	4,629,704	462,970	2.1%

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.

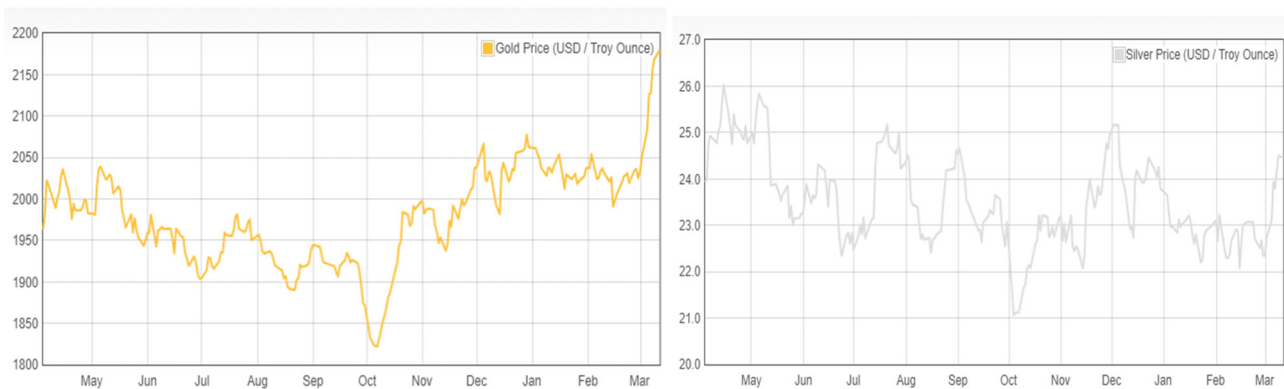
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

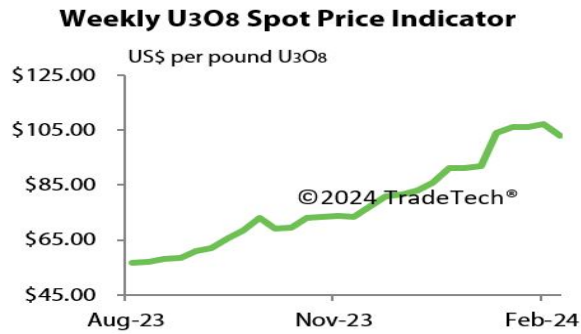


Gold and Silver Prices:



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

Trade Tech’s and UX’s Uranium Price Indicators



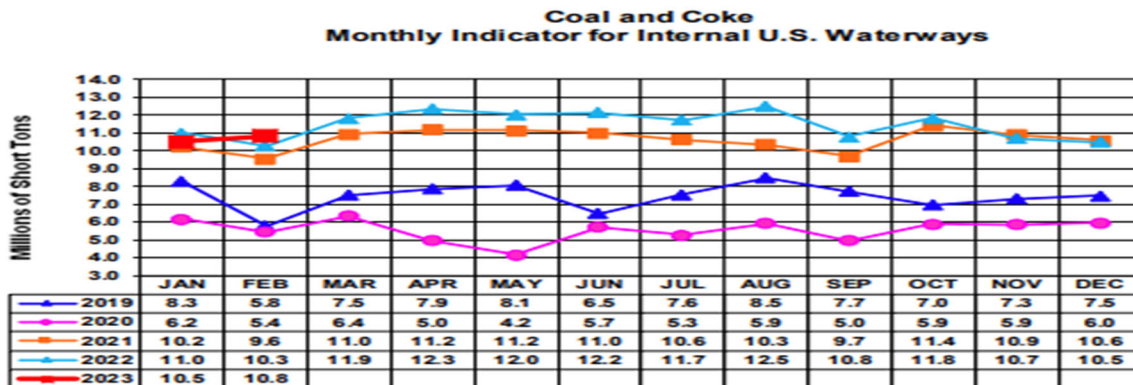
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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.

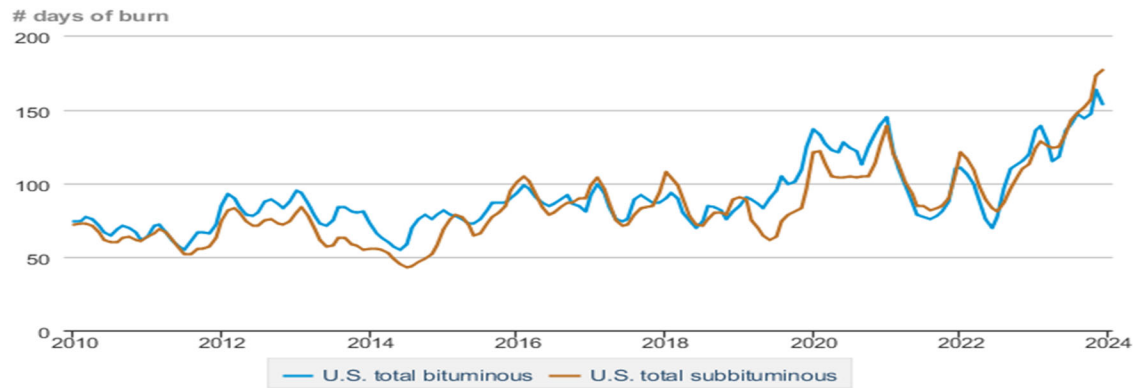
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	02/09/24	02/16/24	02/23/24	03/01/24	03/08/24	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$73.25	\$73.25	\$75.50	\$75.50	\$77.80	\$2.30
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.95	\$48.95	\$50.45	\$50.45	\$51.00	\$0.55
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	\$13.95	\$13.95	\$13.90	\$13.90	\$13.85	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$26.90	\$26.90	\$26.80	\$26.80	\$26.70	-\$0.10

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



eia Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 29)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	213	-26	-50	0	0	0
Middle Atlantic	198	-28	-15	0	0	0
E N Central	186	-54	-21	0	0	0
W N Central	188	-53	-85	0	0	0
South Atlantic	116	-26	43	6	-3	-15
E S Central	91	-45	40	2	-1	-8
W S Central	53	-35	8	12	6	-8
Mountain	169	-14	-73	0	-1	0
Pacific	94	-3	-86	0	-1	0
United States	147	-32	-30	3	0	-4

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

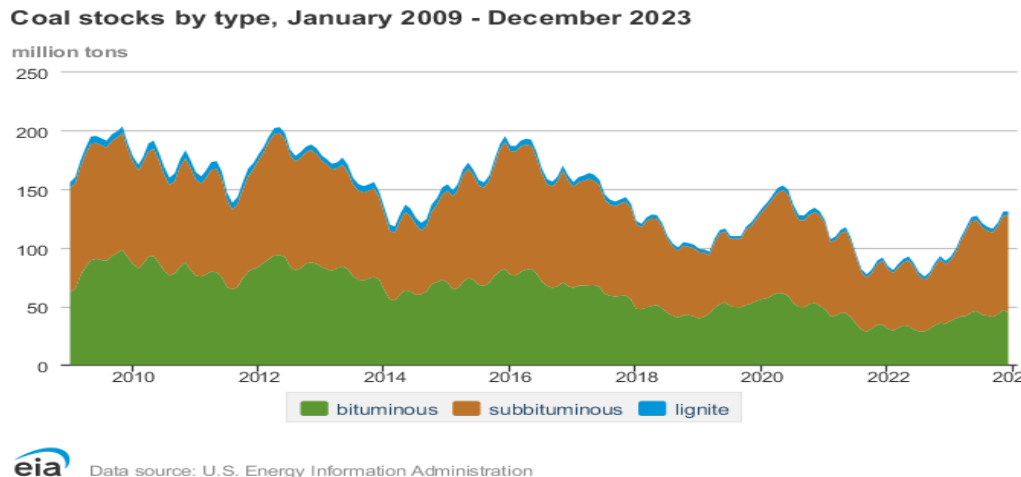
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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)	3/12/24	\$12.95
Copper Spot Price (\$/lb)	3/12/24	\$3.92
Gold Spot Price (\$/ounce)	3/12/24	\$2,176.40
Lead Spot Price (\$/lb)	3/12/24	\$0.96
Lithium Spot Price (\$/kg)	3/12/24	\$15.40
Molybdenum Spot Price (\$/kg)	3/12/24	\$48.00
Nickel Spot Price (\$/lb)	3/12/24	\$8.31
Silver Spot Price (\$/ounce)	3/12/24	\$24.37
Steel HRC Price (\$/mt)	3/12/24	\$856.57
Steel Rebar Price (\$/mt)	3/12/24	\$495.29
Zinc Spot Price (\$/lb)	3/12/24	\$1.15
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	3/12/24	\$265.50
Coal Spot Price - Central Appalachian (\$/st)	3/8/24	\$77.80
Coal Spot Price - Newcastle futures (\$/mt)	3/12/24	\$130.91
Coal Spot Price - Rotterdam futures (\$/mt)	3/12/24	\$109.40
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	3/6/24	\$1.66
Uranium Spot Price (\$/lb)	3/4/24	\$93.50

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)		
	2024-03-01	2024-02-23	change
East	422	453	-31
Midwest	575	600	-25
Mountain	169	169	0
Pacific	219	217	2
South Central	949	935	14
Total	2,334	2,374	-40

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

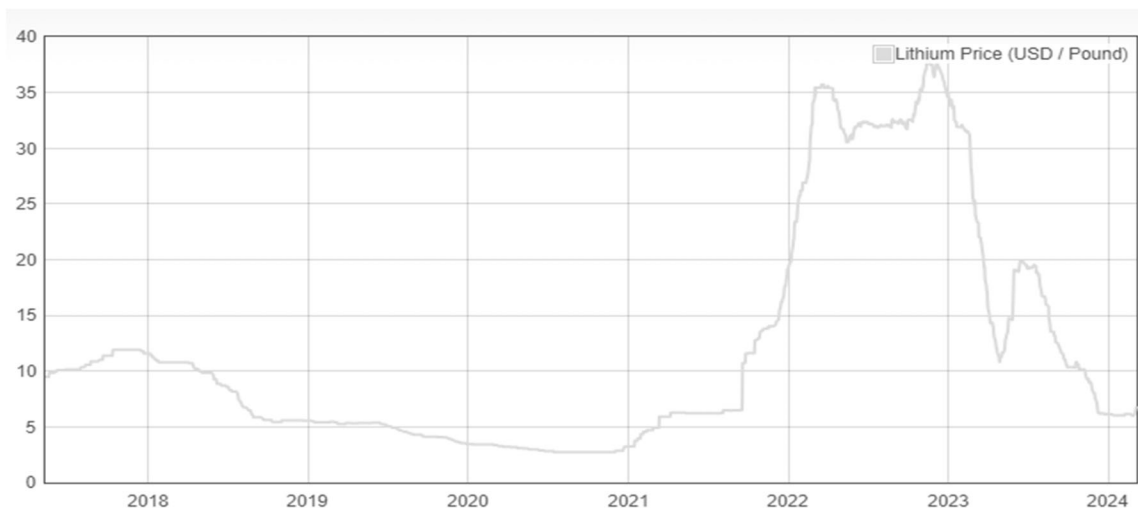
Cobalt and Lithium Prices

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>