



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

April 5, 2024 Edition
(Data for Week Ending March 30, 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		
	3/30/24	4/01/23	% Chg	3/30/24	3/30/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,764	11,338	-22.7%	125,446	147,003	-14.7%
52 Weeks Ended	552,765	603,167	-8.4%			
AAR Coal Rail Cars Loaded:	51,603	65,627	-21.4%	738,567	849,676	-13.1%
EIA Coal Production Month Ended - February	Feb 24/23		% Chg	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
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		
	3/30/24	4/01/23	% Chg	3/30/24	4/01/23	% Chg
EEI Electric Total Output (Mil. Kwh)	70,997	70,906	0.1%	1,001,849	983,808	1.8%
EEI Coal Region Output (Mil. Kwh)	61,462	60,993	0.8%	866,768	846,361	2.4%
AISI Raw Steel Output (000 Tons)	1,722	1,718	0.2%	21,752	22,323	-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)	
	3/29/24	3/22/24	% Chg	Wed.	3/27/24
Central App, 12,500 Btu, 1.2 SO ₂	\$75.50	\$75.50	0.0%	Henry Hub	1.44
Northern App, 13,000 Btu, < 3.0 SO ₂	48.50	48.50	0.0%	New York	1.37
Illinois Basin, 11,800, 5.0 SO ₂	43.00	43.00	0.0%	Chicago	1.30
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.65	13.65	0.0%	Cal.Comp.Avg.	1.66
Uinta Basin, 11,700 Btu, 0.8 SO ₂	25.50	25.50	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		
	3/30/2024 (week 13)	3/23/2024 (week 12)	4/1/2023 (week 13)	3/30/2024	3/30/2023	% Change	3/30/2024	4/1/2023	% Change
Alabama	188	196	213	2,647	2,736	-3.3	11,892	10,815	10.0
Alaska	16	17	21	243	281	-13.6	965	1,043	-7.5
Colorado	181	183	217	2,420	2,760	-12.3	11,967	12,751	-6.1
Illinois	577	600	755	8,324	9,735	-14.5	35,572	38,697	-8.1
Indiana	366	389	506	5,590	6,634	-15.7	22,441	25,252	-11.1
Kentucky total	440	458	580	6,420	7,531	-14.7	26,755	29,422	-9.1
Eastern (KY)	194	199	245	2,816	3,152	-10.7	11,688	12,568	-7.0
Western (KY)	246	259	335	3,604	4,379	-17.7	15,067	16,854	-10.6
Louisiana	4	4	6	63	76	-17.1	274	327	-16.2
Maryland	19	20	25	273	316	-13.8	1,206	1,409	-14.4
Mississippi	33	35	45	450	582	-22.7	2,540	3,264	-22.2
Missouri	3	3	3	36	35	2.6	140	93	50.5
Montana	458	459	538	6,230	6,837	-8.9	28,307	28,601	-1.0
New Mexico	110	116	163	1,621	2,092	-22.5	7,470	10,058	-25.7
North Dakota	360	369	504	5,025	6,651	-24.5	22,327	26,746	-16.5
Ohio	25	27	38	363	491	-26.2	1,704	2,316	-26.4
Oklahoma	s	s	s	s	s	26.5	2	2	s
Pennsylvania total	686	709	822	9,678	10,636	-9.0	41,509	41,117	1.0
Anthracite (PA)	47	48	55	669	722	-7.4	2,866	2,663	7.6
Bituminous (PA)	638	660	767	9,009	9,914	-9.1	38,642	38,454	0.5
Tennessee	s	.
Texas	183	202	278	2,765	3,683	-24.9	12,853	16,968	-24.3
Utah	89	98	151	1,317	2,012	-34.5	6,187	9,707	-36.3
Virginia	165	173	228	2,468	2,967	-16.8	9,968	11,586	-14.0
West Virginia total	1,347	1,392	1,711	19,419	22,065	-12.0	81,467	86,385	-5.7
Northern (WV)	694	715	907	9,968	11,682	-14.7	42,649	47,848	-10.9
Southern (WV)	654	677	805	9,451	10,383	-9.0	38,818	38,537	0.7
Wyoming	3,514	3,674	4,532	50,097	58,882	-14.9	227,219	246,608	-7.9
Appalachian total	2,624	2,715	3,283	37,662	42,364	-11.1	159,434	166,196	-4.1
Interior total	1,412	1,493	1,929	20,832	25,125	-17.1	88,889	101,457	-12.4
Western total	4,729	4,917	6,126	66,952	79,515	-15.8	304,442	335,514	-9.3
East of Mississippi River	3,846	3,999	4,925	55,630	63,694	-12.7	235,054	250,264	-6.1
West of Mississippi River	4,918	5,126	6,413	69,817	83,309	-16.2	317,711	352,904	-10.0
Bituminous and lignite	8,717	9,077	11,283	124,778	146,281	-14.7	549,899	600,504	-8.4
Anthracite	47	48	55	669	722	-7.4	2,866	2,663	7.6
U.S. total	8,764	9,125	11,338	125,446	147,003	-14.7	552,765	603,167	-8.4
Railroad cars loaded	51,603	53,727	65,627	738,567	849,676	-13.1	3,295,181	3,496,832	-5.8

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 13

OUTPUT FOR WEEK ENDED - Mar 30, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Mar 30, 2024** was **70,997** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 30		52 Weeks Ended March 30	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,036	4.60 %	111,360	-2.46 %
Mid-Atlantic	7,218	3.24 %	404,749	-1.87 %
Central Industrial	11,687	0.07 %	638,142	-1.54 %
West Central	6,144	3.82 %	335,733	-1.20 %
Southeast	17,278	0.05 %	1,014,663	-0.54 %
South Central	14,191	0.26 %	872,736	3.95 %
Rocky Mountain	4,944	-0.74 %	293,169	-1.34 %
Pacific Northwest	3,028	-6.78 %	158,110	-2.53 %
Pacific Southwest	4,471	-5.24 %	265,522	-3.72 %
Total United States	70,997	0.13 %	4,094,185	-0.37 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Mar 09	71,741	Mar 11	73,813	-2.81 %	Mar 09	4,100,233	-0.05 %
Mar 16	70,442	Mar 18	74,499	-5.45 %	Mar 16	4,096,176	-0.24 %
Mar 23	72,225	Mar 25	74,307	-2.80 %	Mar 23	4,094,094	-0.39 %
Mar 30	70,997	Apr 01	70,906	0.13 %	Mar 30	4,094,185	-0.37 %
Mar 30	1,001,849	Apr 01	983,808	1.83 %	YEAR TO DATE, FIRST 13 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	30-Mar 2024 GWh Output	1-Apr 2023 GWh Output	% Increase Over Corresponding Week	30-Mar 2024 GWh Output	1-Apr 2023 GWh Output	% Increase Over Corresponding Week	30-Mar 2024 GWh Output	1-Apr 2023 GWh Output	% Increase Over Corresponding Week
New England	2,036	1,947	4.6%	28,985	28,625	1.3%	111,360	114,164	-2.5%
Mid-Atlantic	7,218	6,992	3.2%	102,650	100,447	2.2%	404,749	412,451	-1.9%
Central Industrial	11,687	11,679	0.1%	164,095	161,612	1.5%	638,142	648,132	-1.5%
West Central	6,144	5,918	3.8%	81,679	83,253	-1.9%	335,733	339,809	-1.2%
Southeast	17,278	17,269	0.1%	250,473	241,341	3.8%	1,014,663	1,020,156	-0.5%
South Central	14,191	14,155	0.3%	196,924	188,235	4.6%	872,736	839,588	3.9%
Rocky Mountain	4,944	4,980	-0.7%	70,947	71,473	-0.7%	293,169	297,137	-1.3%
Pacific Northwest	3,028	3,248	-6.8%	45,211	45,892	-1.5%	158,110	162,208	-2.5%
Pacific Southwest	4,471	4,718	-5.2%	60,884	62,930	-3.3%	265,522	275,791	-3.7%
Total United States ^{1/}	70,997	70,906	0.1%	1,001,848	983,808	1.8%	4,094,185	4,109,436	-0.4%
Coal Regions Only ^{2/}	61,462	60,993	0.8%	866,768	846,361	2.4%	3,559,193	3,557,273	0.1%

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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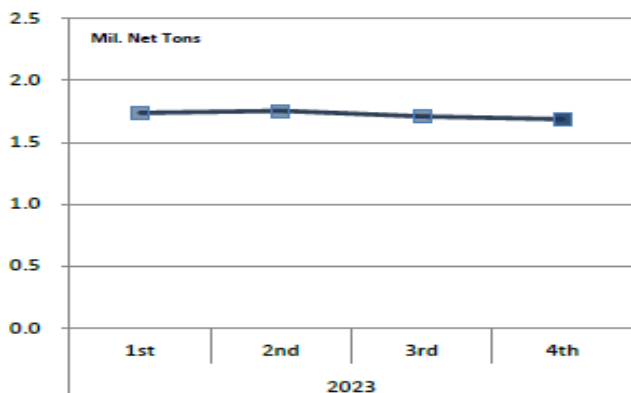
April 1, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

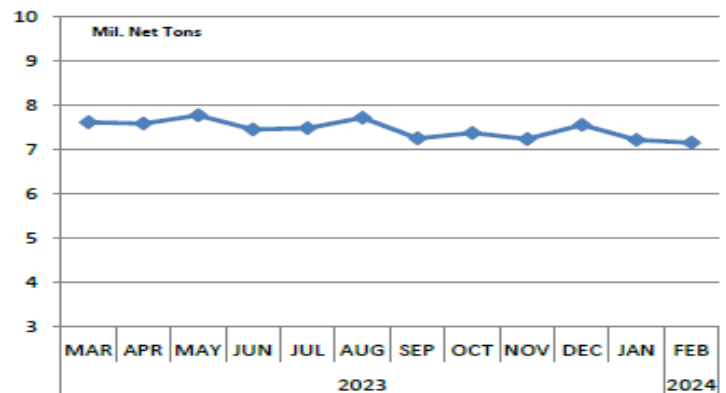
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Mar 30</u>	<u>Mar 23</u>	
<u>Week Ending</u>				North East	136	129
				Great Lakes	584	576
Mar 30, 2024	1,722	1.1	77.5	Midwest	190	179
Mar 30, 2023	1,718	0.2	76.9	Southern	752	757
Mar 23, 2024	1,703	-0.6	76.7	Western	60	62
				Total	1,722	1,703
<u>Year-to-Date +</u>						
Mar 30, 2024	21,752	-2.6	76.2			
Mar 30, 2023	22,323	-	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



*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 13, 2024 – Ended March 30, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	218,733	-3.2%	2,773,827	213,371	-4.2%
Chemicals	33,508	4.1%	419,886	32,299	4.5%
Coal	51,603	-21.0%	741,757	57,058	-14.1%
Farm Products excl. Grain, and Food	17,153	4.2%	216,606	16,662	-0.2%
Forest Products	8,718	3.8%	107,284	8,253	0.1%
Grain	20,934	9.7%	264,595	20,353	-0.3%
Metallic Ores and Metals	21,129	-5.7%	251,106	19,316	-0.8%
Motor Vehicles and Parts	16,260	9.3%	188,144	14,473	3.5%
Nonmetallic Minerals	30,236	0.5%	343,414	26,416	-9.3%
Petroleum and Petroleum Products	10,343	14.6%	130,489	10,038	7.7%
Other	8,849	9.4%	110,546	8,504	4.3%
Total Intermodal Units	253,918	9.3%	3,268,647	251,434	9.1%
Total Traffic	472,651	3.2%	6,042,474	464,806	2.5%

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.

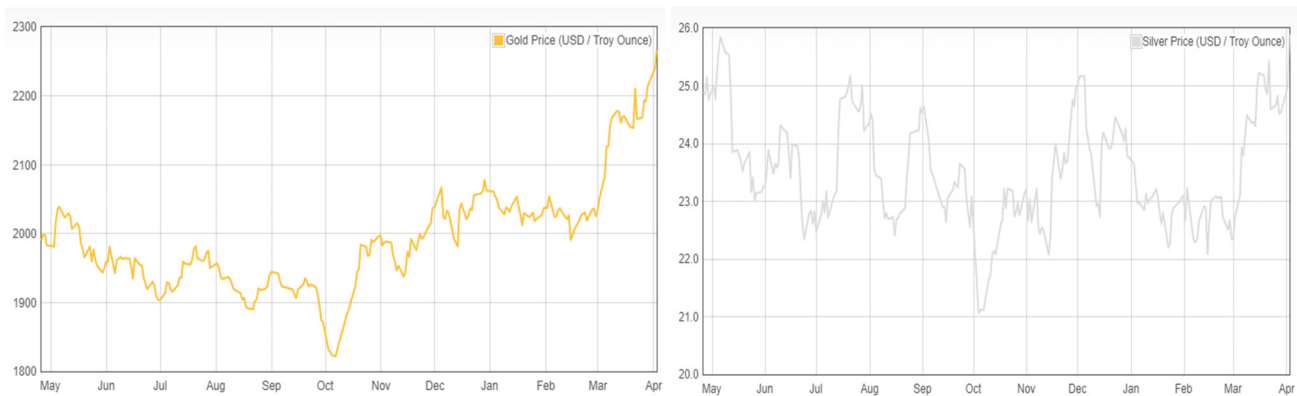
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

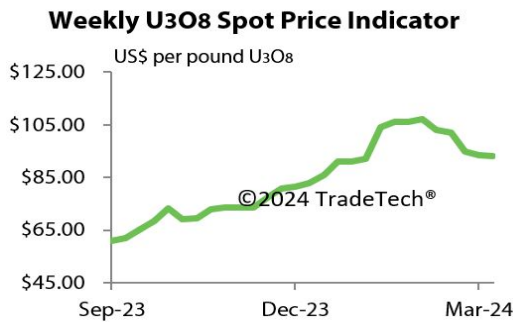


Gold and Silver Prices:



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>

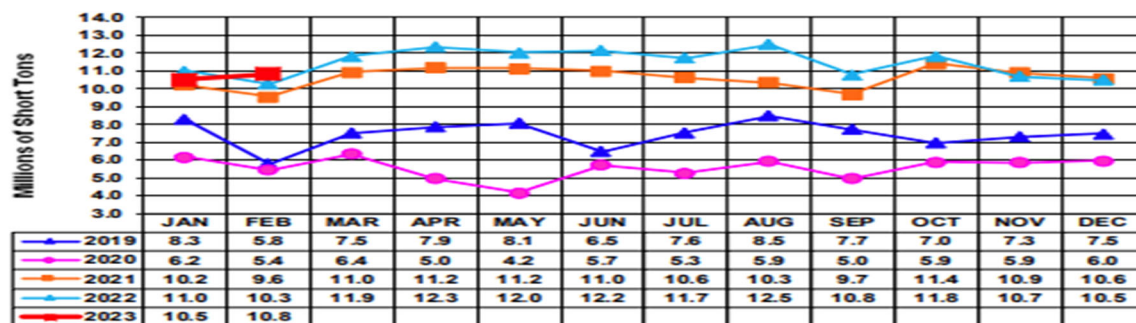
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	January 2024		January 2023			December 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	2,099	205	2,972	365	-29.4%	2,616	339	-19.8%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	19,053	143	18,375	139	3.7%	20,657	148	-7.8%
	Subbituminous	6,588	121	4,232	86	55.7%	6,922	130	-4.8%
Midwest	Bituminous	11,243	140	9,021	108	24.6%	12,578	145	-10.6%
	Subbituminous	32,088	157	22,048	133	45.5%	35,034	182	-8.4%
West	Bituminous	2,769	185	2,127	151	30.2%	2,731	189	1.4%
	Subbituminous	30,634	162	19,401	122	57.9%	32,548	182	-5.9%
U.S. Total	Bituminous	35,164	148	32,495	136	8.2%	38,562	154	-8.9%
	Subbituminous	69,310	156	45,680	124	51.7%	74,503	177	-7.0%

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

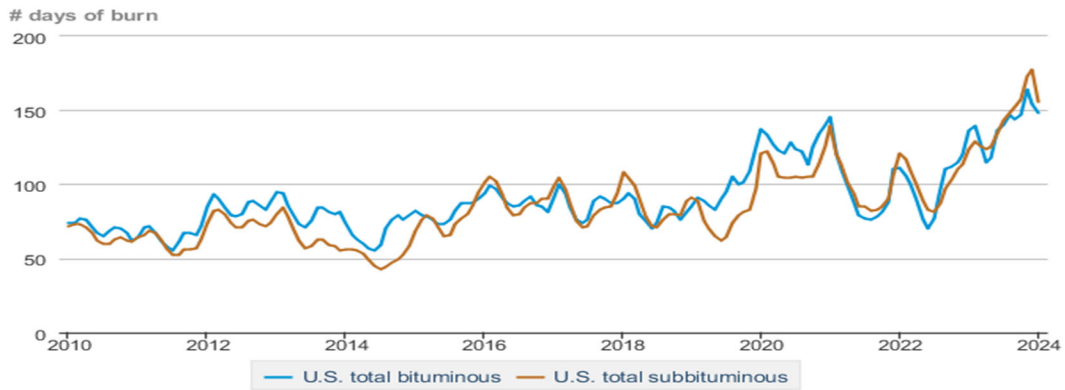
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	03/01/24	03/08/24	03/15/24	03/22/24	03/29/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.50	\$77.80	\$77.80	\$75.50	\$75.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$50.45	\$51.00	\$51.00	\$48.50	\$48.50	\$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	\$13.90	\$13.85	\$13.85	\$13.65	\$13.65	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$26.80	\$26.70	\$26.70	\$25.50	\$25.50	\$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 - January 2024



eia Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Mar 21)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	171	-25	-8	0	0	0
Middle Atlantic	164	-18	-8	0	0	0
E N Central	188	-2	-26	0	0	0
W N Central	186	-3	-52	0	-1	0
South Atlantic	85	-20	-54	11	-1	5
E S Central	97	-3	-61	0	-5	0
W S Central	55	-4	-47	8	-4	3
Mountain	152	-2	-43	0	-2	0
Pacific	73	-15	-40	0	-1	0
United States	133	-10	-35	3	-2	1

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

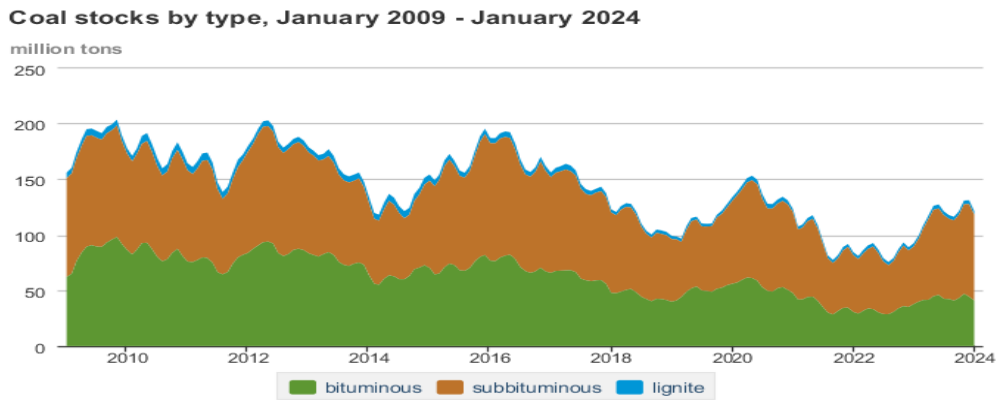
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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: 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)	4/1/24	\$12.95
Copper Spot Price (\$/lb)	4/2/24	\$4.06
Gold Spot Price (\$/ounce)	4/2/24	\$2,265.83
Lead Spot Price (\$/lb)	4/1/24	\$0.91
Lithium Spot Price (\$/kg)	4/2/24	\$14.85
Molybdenum Spot Price (\$/kg)	4/1/24	\$48.00
Nickel Spot Price (\$/lb)	4/1/24	\$7.51
Silver Spot Price (\$/ounce)	4/2/24	\$25.88
Steel HRC Price (\$/mt)	4/2/24	\$918.18
Steel Rebar Price (\$/mt)	4/2/24	\$463.11
Zinc Spot Price (\$/lb)	4/2/24	\$1.12
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	4/2/24	\$237.75
Coal Spot Price - Central Appalachian (\$/st)	3/29/24	\$75.50
Coal Spot Price - Newcastle futures (\$/mt)	4/2/24	\$132.12
Coal Spot Price - Rotterdam futures (\$/mt)	4/2/24	\$120.75
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	3/27/24	\$1.54
Uranium Spot Price (\$/lb)	3/25/24	\$85.00

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)		
	2024-03-22	2024-03-15	change
East	387	406	-19
Midwest	528	551	-23
Mountain	166	166	0
Pacific	223	216	7
South Central	991	993	-2
Total	2,296	2,332	-36

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					
	March 2024	April 2024	change	March 2024	April 2024	change			
Anadarko	714	716	2	4,772	4,806	34			
Appalachia	237	238	1	27,832	28,006	174			
Bakken	1,726	1,734	8	2,624	2,638	14			
Eagle Ford	1,645	1,650	5	6,043	6,050	7			
Haynesville	15	15	-	13,571	13,598	27			
Niobrara	1,488	1,491	3	4,523	4,569	46			
Permian	1,359	1,372	13	2,512	2,523	11			
Rig-weighted average	1,172	1,179	7	5,942	6,008	66			

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

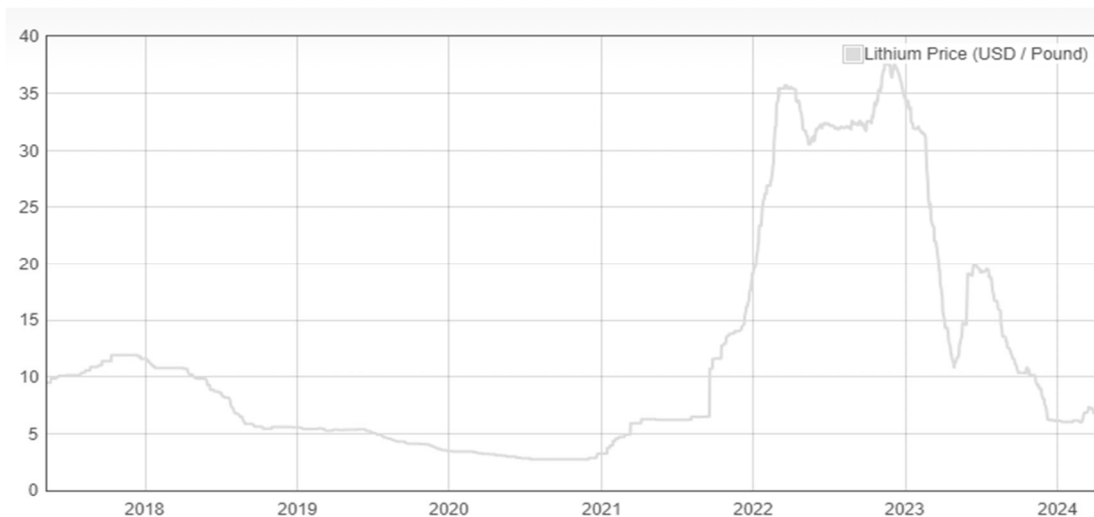
Cobalt and Lithium Prices

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>