



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

May 3, 2024 Edition
(Data for Week Ending April 27, 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		
	4/27/24	4/29/23	% Chg	4/27/24	4/27/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	7,649	11,001	-30.5%	156,172	191,308	-18.4%
52 Weeks Ended	539,269	603,852	-10.7%			
AAR Coal Rail Cars Loaded:	45,832	64,291	-28.7%	923,777	1,108,490	-16.7%
EIA Coal Production Month Ended - March	Mar 24/23 40,612	Mar 24/23 51,984	% Chg -21.9%	Jan - Mar 24/23 126,399	Jan - Mar 24/23 148,706	% Chg -15.0%

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		
	4/27/24	4/29/23	% Chg	4/27/24	4/29/23	% Chg
EI Electric Total Output (Mil. Kwh)	69,594	68,356	1.8%	1,283,078	1,261,612	1.7%
EI Coal Region Output (Mil. Kwh)	60,359	58,931	2.4%	1,110,509	1,086,291	2.2%
AISI Raw Steel Output (000 Tons)	1,701	1,769	-3.8%	28,550	29,391	-2.9%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	4/26/24	4/19/24	% Chg	Wed.	4/24/24
Central App, 12,500 Btu, 1.2 SO ₂	\$72.50	\$72.50	0.0%	Henry Hub	1.59
Northern App, 13,000 Btu, < 3.0 SO ₂	51.25	51.25	0.0%	New York	1.56
Illinois Basin, 11,800, 5.0 SO ₂	44.50	44.50	0.0%	Chicago	1.37
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.75	13.75	0.0%	Cal.Comp.Avg.	1.61
Uinta Basin, 11,700 Btu, 0.8 SO ₂	25.30	25.30	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		
	4/27/2024 (week 17)	4/20/2024 (week 16)	4/29/2023 (week 17)	4/27/2024	4/27/2023	% Change	4/27/2024	4/29/2023	% Change
Alabama	182	185	223	3,369	3,631	-7.2	11,719	10,960	6.9
Alaska	13	14	18	297	356	-16.5	945	1,050	-10.0
Colorado	160	162	240	3,055	3,719	-17.9	11,640	12,730	-8.6
Illinois	482	535	762	10,321	12,801	-19.4	34,505	38,782	-11.0
Indiana	307	316	457	6,829	8,479	-19.5	21,845	25,360	-13.9
Kentucky total	377	386	559	7,933	9,783	-18.9	26,020	29,543	-11.9
Eastern (KY)	168	168	252	3,483	4,165	-16.4	11,341	12,673	-10.5
Western (KY)	209	217	307	4,449	5,618	-20.8	14,679	16,871	-13.0
Louisiana	3	4	5	78	96	-19.4	269	323	-16.7
Maryland	16	17	26	338	419	-19.3	1,169	1,414	-17.3
Mississippi	28	30	46	564	769	-26.6	2,467	3,178	-22.4
Missouri	2	2	3	46	46	-1.5	138	99	39.4
Montana	412	420	591	7,870	9,204	-14.5	27,573	28,808	-4.3
New Mexico	99	104	171	2,020	2,778	-27.3	7,182	9,981	-28.0
North Dakota	295	304	427	6,211	8,383	-25.9	21,796	26,595	-18.0
Ohio	21	22	36	448	635	-29.4	1,647	2,266	-27.3
Oklahoma	s	s	s	s	s	-0.3	2	2	s
Pennsylvania total	599	614	810	12,076	13,896	-13.1	40,651	41,362	-1.7
Anthracite (PA)	44	42	47	840	911	-7.8	2,850	2,671	6.7
Bituminous (PA)	554	572	763	11,236	12,985	-13.5	37,802	38,691	-2.3
Tennessee	s	.
Texas	149	166	233	3,382	4,630	-26.9	12,532	16,664	-24.8
Utah	71	77	122	1,612	2,508	-35.7	5,990	9,435	-36.5
Virginia	138	137	215	3,017	3,835	-21.3	9,652	11,673	-17.3
West Virginia total	1,161	1,217	1,723	24,116	28,994	-16.8	79,237	87,026	-9.0
Northern (WV)	598	603	916	12,351	15,366	-19.6	41,349	48,063	-14.0
Southern (WV)	563	614	807	11,765	13,628	-13.7	37,888	38,963	-2.8
Wyoming	3,134	3,193	4,334	62,589	76,347	-18.0	222,291	246,600	-9.9
Appalachian total	2,285	2,362	3,285	46,848	55,576	-15.7	155,415	167,374	-7.1
Interior total	1,180	1,271	1,813	25,669	32,438	-20.9	86,436	101,278	-14.7
Western total	4,184	4,274	5,903	83,655	103,294	-19.0	297,417	335,199	-11.3
East of Mississippi River	3,311	3,460	4,857	69,011	83,242	-17.1	228,911	251,565	-9.0
West of Mississippi River	4,339	4,447	6,144	87,161	108,066	-19.3	310,358	352,287	-11.9
Bituminous and lignite	7,605	7,865	10,954	155,332	190,397	-18.4	536,419	601,181	-10.8
Anthracite	44	42	47	840	911	-7.8	2,850	2,671	6.7
U.S. total	7,649	7,907	11,001	156,172	191,308	-18.4	539,269	603,852	-10.7
Railroad cars loaded	45,832	47,472	64,291	923,777	1,108,490	-16.7	3,221,955	3,506,167	-8.1

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 17

OUTPUT FOR WEEK ENDED - Apr 27, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Apr 27, 2024** was **69,594** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 27		52 Weeks Ended April 27	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,737	-4.00 %	111,532	-2.14 %
Mid-Atlantic	6,585	-0.29 %	405,186	-1.60 %
Central Industrial	11,136	0.37 %	638,869	-1.23 %
West Central	5,608	-1.28 %	335,274	-1.28 %
Southeast	16,855	0.24 %	1,014,303	-0.54 %
South Central	15,247	9.07 %	876,136	4.43 %
Rocky Mountain	4,928	3.57 %	293,236	-1.26 %
Pacific Northwest	3,016	3.90 %	158,033	-2.44 %
Pacific Southwest	4,482	-4.89 %	265,041	-3.92 %
Total United States	69,594	1.81 %	4,097,611	-0.20 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Apr 06	71,574	Apr 08	71,516	0.08 %	Apr 06	4,094,243	-0.38 %
Apr 13	68,989	Apr 15	68,576	0.60 %	Apr 13	4,094,656	-0.35 %
Apr 20	71,072	Apr 22	69,355	2.48 %	Apr 20	4,096,373	-0.27 %
Apr 27	69,594	Apr 29	68,356	1.81 %	Apr 27	4,097,611	-0.20 %
Apr 27	1,283,078	Apr 29	1,261,612	1.70 %	YEAR TO DATE, FIRST 17 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	27-Apr 2024 GWh Output	29-Apr 2023 GWh Output	% Increase Over Corresponding Week	27-Apr 2024 GWh Output	29-Apr 2023 GWh Output	% Increase Over Corresponding Week	27-Apr 2024 GWh Output	29-Apr 2023 GWh Output	% Increase Over Corresponding Week
New England	1,737	1,810	-4.0%	36,408	35,877	1.5%	111,532	113,956	-2.1%
Mid-Atlantic	6,585	6,604	-0.3%	129,755	127,115	2.1%	405,186	411,756	-1.6%
Central Industrial	11,136	11,095	0.4%	209,493	206,283	1.6%	638,869	646,848	-1.2%
West Central	5,608	5,680	-1.3%	104,170	106,203	-1.9%	335,274	339,633	-1.3%
Southeast	16,855	16,815	0.2%	319,614	310,844	2.8%	1,014,303	1,019,800	-0.5%
South Central	15,247	13,979	9.1%	257,557	245,468	4.9%	876,136	838,952	4.4%
Rocky Mountain	4,928	4,758	3.6%	89,920	90,379	-0.5%	293,236	296,967	-1.3%
Pacific Northwest	3,016	2,903	3.9%	57,515	58,274	-1.3%	158,033	161,993	-2.4%
Pacific Southwest	4,482	4,712	-4.9%	78,643	81,169	-3.1%	265,041	275,866	-3.9%
Total United States ^{1/}	<u>69,594</u>	<u>68,356</u>	1.8%	<u>1,283,075</u>	<u>1,261,611</u>	1.7%	<u>4,097,610</u>	<u>4,105,771</u>	-0.2%
Coal Regions Only ^{2/}	60,359	58,931	2.4%	1,110,509	1,086,291	2.2%	3,563,004	3,553,956	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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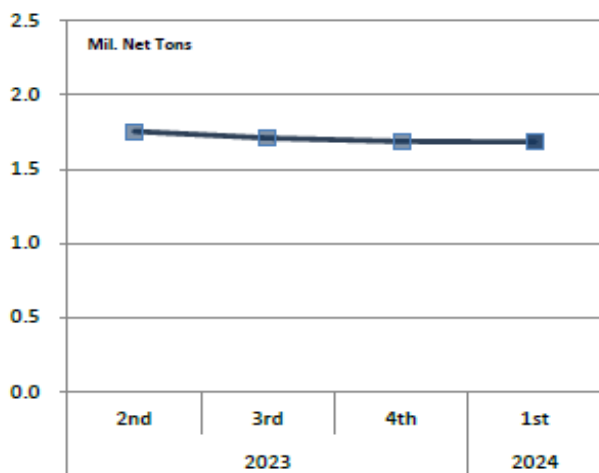
April 29, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

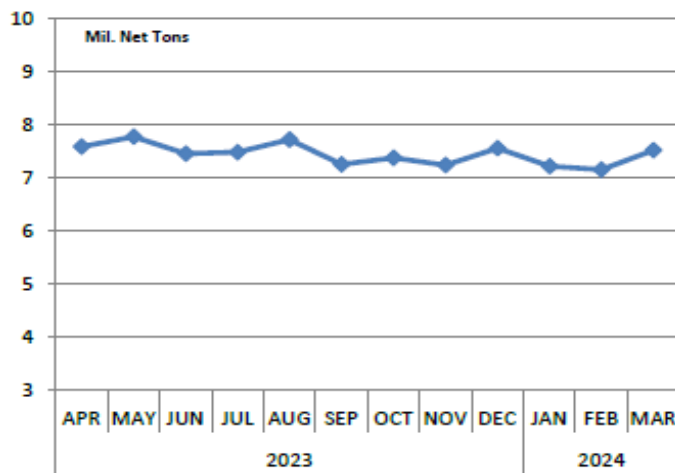
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Apr 27</u>	<u>Apr 20</u>	
<u>Week Ending</u>				North East	140	135
				Great Lakes	572	576
Apr 27, 2024	1,701	-0.9	76.6	Midwest	207	213
Apr 27, 2023	1,769	-3.8	78.6	Southern	721	724
Apr 20, 2024	1,716	-0.6	77.3	Western	61	68
				Total	1,701	1,716
<u>Year-to-Date +</u>						
Apr 27, 2024	28,550	-2.9	76.3			
Apr 27, 2023	29,391	-	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 17, 2024 – Ended April 27, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	214,414	-6.4%	3,622,709	213,101	-4.8%
Chemicals	33,800	3.8%	551,495	32,441	4.1%
Coal	45,832	-28.4%	926,967	54,527	-17.3%
Farm Products excl. Grain, and Food	15,864	0.0%	282,306	16,606	0.5%
Forest Products	8,341	-1.0%	140,605	8,271	0.7%
Grain	20,236	1.2%	348,033	20,473	0.8%
Metallic Ores and Metals	20,117	-7.2%	330,384	19,434	-2.4%
Motor Vehicles and Parts	17,067	10.0%	254,691	14,982	5.6%
Nonmetallic Minerals	34,184	2.9%	470,550	27,679	-7.6%
Petroleum and Petroleum Products	9,800	4.6%	171,442	10,085	9.1%
Other	9,173	7.5%	146,236	8,602	3.7%
Total Intermodal Units	261,888	7.5%	4,287,216	252,189	9.0%
Total Traffic	476,302	0.7%	7,909,925	465,290	2.2%

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.

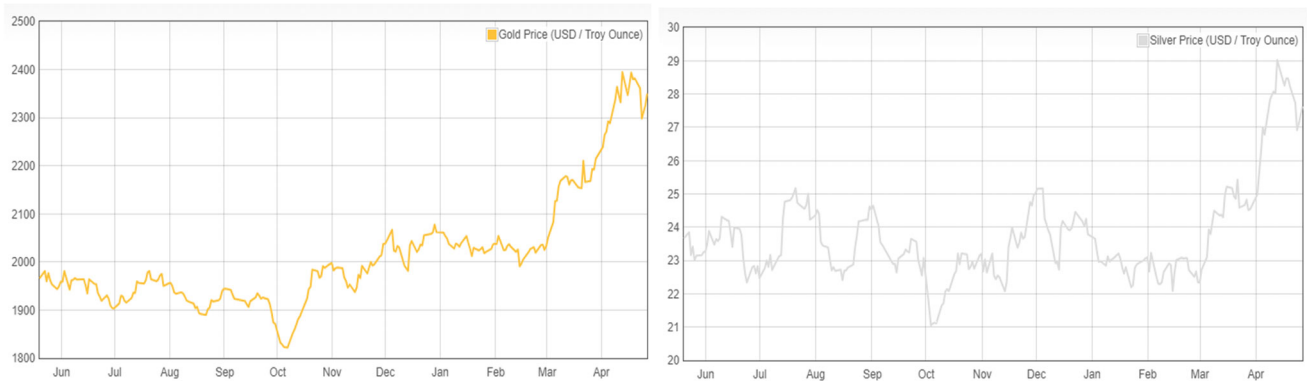
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

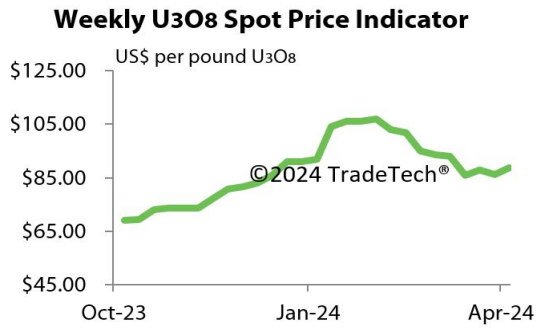


Gold and Silver Prices:



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>

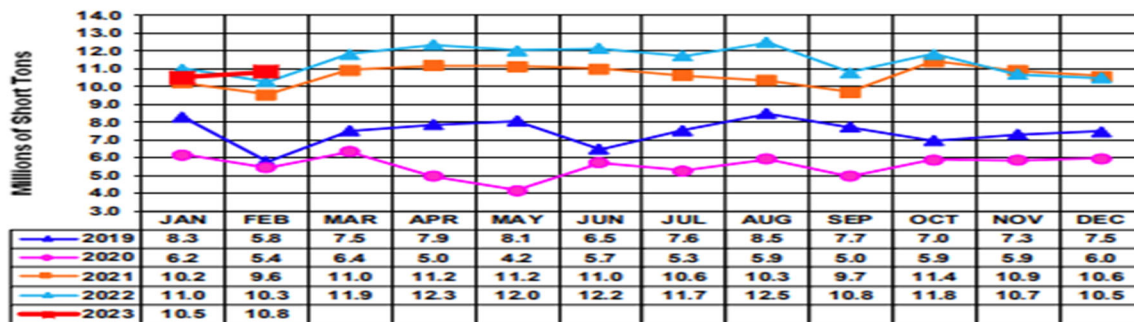
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

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

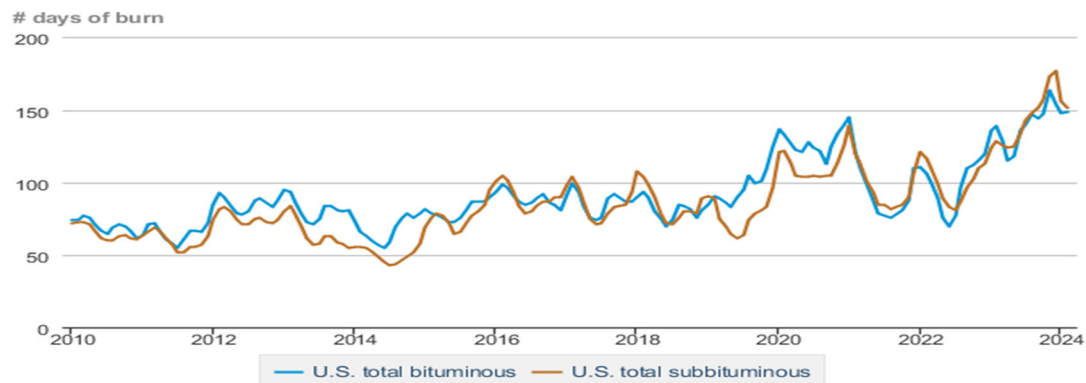
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	03/29/24	04/05/24	04/12/24	04/19/24	04/26/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.50	\$77.35	\$77.35	\$72.50	\$72.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.50	\$49.70	\$49.70	\$51.25	\$51.25	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$43.00	\$43.50	\$43.50	\$44.50	\$44.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.65	\$13.65	\$13.65	\$13.75	\$13.75	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$25.50	\$25.30	\$25.30	\$25.30	\$25.30	\$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*

Temperature – heating & cooling degree days (week ending Apr 11)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	138	-13	21	0	0	0
Middle Atlantic	112	-21	15	0	0	-1
E N Central	111	-26	7	0	0	-1
W N Central	109	-22	6	0	-1	-1
South Atlantic	63	-5	-1	12	-1	-12
E S Central	62	-1	2	0	-5	-2
W S Central	23	-8	-20	24	8	14
Mountain	141	17	34	1	-5	-5
Pacific	91	19	18	0	-2	0
United States	95	-8	9	5	0	-1

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

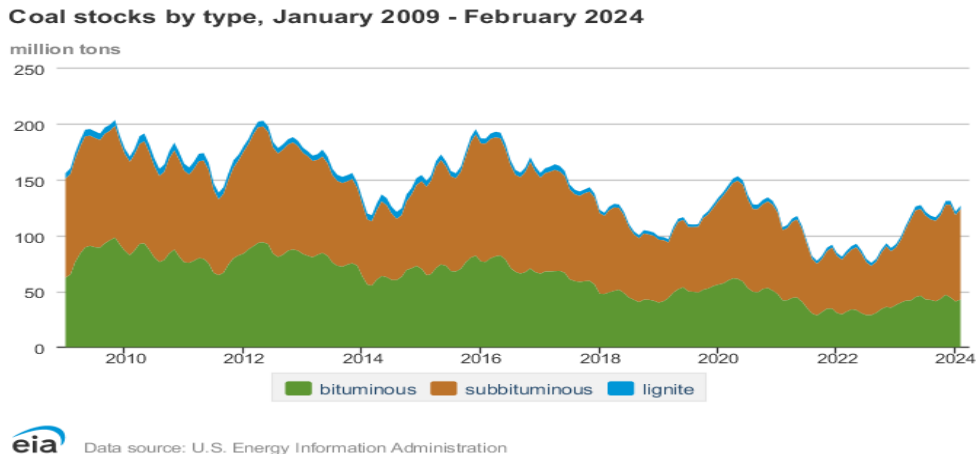
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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: Energy Information Administration, *Electricity Monthly Update*

Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	4/30/24	\$12.62
Copper Spot Price (\$/lb)	5/1/24	\$4.54
Gold Spot Price (\$/ounce)	5/1/24	\$2,298.98
Lead Spot Price (\$/lb)	5/1/24	\$0.98
Lithium Spot Price (\$/kg)	5/1/24	\$15.26
Molybdenum Spot Price (\$/kg)	4/30/24	\$68.36
Nickel Spot Price (\$/lb)	5/1/24	\$8.59
Silver Spot Price (\$/ounce)	5/1/24	\$26.45
Steel HRC Price (\$/mt)	5/1/24	\$808.59
Steel Rebar Price (\$/mt)	4/30/24	\$482.39
Zinc Spot Price (\$/lb)	5/1/24	\$1.29
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	4/30/24	\$252.50
Coal Spot Price - Central Appalachian (\$/st)	4/26/24	\$72.50
Coal Spot Price - Newcastle futures (\$/mt)	4/30/24	\$142.27
Coal Spot Price - Rotterdam futures (\$/mt)	4/30/24	\$102.90
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	4/24/24	\$1.59
Uranium Spot Price (\$/lb)	4/30/24	\$90.25

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)		
	2024-04-19	2024-04-12	change
East	408	379	29
Midwest	551	528	23
Mountain	173	167	6
Pacific	235	230	5
South Central	1,057	1,029	28
Total	2,425	2,333	92

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					
	April 2024	May 2024	change	April 2024	May 2024	change			
Anadarko	716	717	1	4,806	4,840	34			
Appalachia	239	240	1	28,006	28,188	182			
Bakken	1,734	1,743	9	2,638	2,651	13			
Eagle Ford	1,650	1,655	5	6,049	6,055	6			
Haynesville	15	15	-	13,598	13,625	27			
Niobrara	1,494	1,496	2	4,568	4,622	54			
Permian	1,372	1,386	14	2,524	2,535	11			
Rig-weighted average	1,180	1,201	21	6,008	5,954	(54)			

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

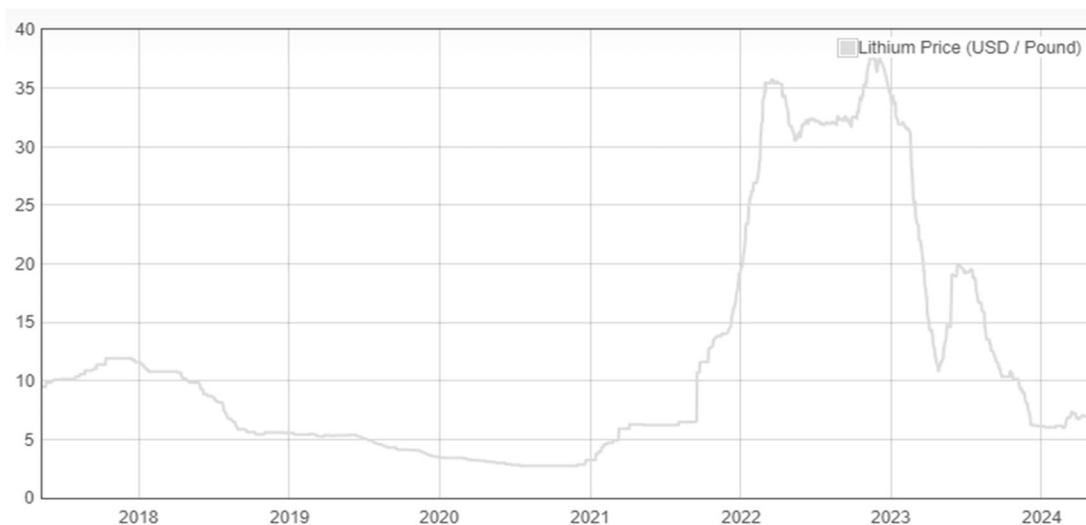
Cobalt and Lithium Prices

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>