



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

March 22, 2024 Edition
(Data for Week Ending March 16, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 11 | Dated 03/22/24

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	3/16/24	3/18/23	% Chg	3/16/24	3/16/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,510	11,750	-19.1%	107,557	123,731	-13.1%
52 Weeks Ended	558,022	603,134	-7.5%			
AAR Coal Rail Cars Loaded:	55,990	67,912	-17.6%	633,237	715,164	-11.5%
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		
	3/16/24	3/18/23	% Chg	3/16/24	3/18/23	% Chg
EI Electric Total Output (Mil. Kwh)	70,442	74,499	-5.4%	858,627	838,595	2.4%
EI Coal Region Output (Mil. Kwh)	60,825	64,362	-5.5%	742,555	721,193	3.0%
AISI Raw Steel Output (000 Tons)	1,714	1,718	-0.2%	18,307	18,886	-3.1%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	3/15/24	3/08/24	% Chg	Wed.	3/13/24
Central App, 12,500 Btu, 1.2 SO ₂	\$77.80	\$77.80	0.0%	Henry Hub	1.24
Northern App, 13,000 Btu, < 3.0 SO ₂	51.00	51.00	0.0%	New York	1.13
Illinois Basin, 11,800, 5.0 SO ₂	43.00	43.00	0.0%	Chicago	1.16
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.85	13.85	0.0%	Cal.Comp.Avg.	1.77
Uinta Basin, 11,700 Btu, 0.8 SO ₂	26.70	26.70	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		
	3/16/2024 (week 11)	3/9/2024 (week 10)	3/18/2023 (week 11)	3/16/2024	3/16/2023	% Change	3/16/2024	3/18/2023	% Change
Alabama	210	203	219	2,263	2,303	-1.8	11,942	10,781	10.8
Alaska	18	17	22	210	237	-11.3	976	1,041	-6.2
Colorado	188	197	221	2,055	2,323	-11.5	12,042	12,781	-5.8
Illinois	638	626	778	7,147	8,194	-12.8	35,932	38,602	-6.9
Indiana	410	397	530	4,834	5,584	-13.4	22,725	25,046	-9.3
Kentucky total	480	477	602	5,523	6,339	-12.9	27,043	29,342	-7.8
Eastern (KY)	207	210	252	2,423	2,653	-8.7	11,793	12,512	-5.7
Western (KY)	274	266	350	3,100	3,686	-15.9	15,249	16,830	-9.4
Louisiana	5	4	6	55	64	-14.6	278	325	-14.5
Maryland	20	21	25	234	266	-12.2	1,218	1,420	-14.2
Mississippi	35	36	47	382	490	-22.1	2,564	3,287	-22.0
Missouri	3	3	3	31	30	4.5	140	90	55.6
Montana	475	497	546	5,312	5,755	-7.7	28,476	28,599	-0.4
New Mexico	123	119	167	1,395	1,760	-20.8	7,575	10,158	-25.4
North Dakota	373	391	532	4,295	5,598	-23.3	22,635	26,817	-15.6
Ohio	28	27	39	310	413	-25.0	1,729	2,350	-26.4
Oklahoma	s	s	s	s	s	24.5	2	2	s
Pennsylvania total	738	744	850	8,284	8,952	-7.5	41,791	41,018	1.9
Anthracite (PA)	49	51	58	573	607	-5.7	2,883	2,642	9.1
Bituminous (PA)	689	692	792	7,711	8,345	-7.6	38,908	38,376	1.4
Tennessee	s	.
Texas	210	199	294	2,379	3,100	-23.2	13,042	17,028	-23.4
Utah	103	96	161	1,131	1,693	-33.2	6,313	9,896	-36.2
Virginia	181	179	237	2,130	2,498	-14.7	10,097	11,532	-12.4
West Virginia total	1,465	1,461	1,764	16,679	18,572	-10.2	82,211	86,134	-4.6
Northern (WV)	744	752	934	8,559	9,833	-13.0	43,085	47,816	-9.9
Southern (WV)	721	709	830	8,120	8,739	-7.1	39,126	38,317	2.1
Wyoming	3,805	3,812	4,706	42,909	49,560	-13.4	229,292	246,886	-7.1
Appalachian total	2,849	2,845	3,386	32,323	35,657	-9.4	160,780	165,747	-3.0
Interior total	1,575	1,531	2,008	17,928	21,147	-15.2	89,932	101,209	-11.1
Western total	5,086	5,129	6,355	57,307	66,926	-14.4	307,309	336,178	-8.6
East of Mississippi River	4,206	4,171	5,091	47,786	53,611	-10.9	237,251	249,511	-4.9
West of Mississippi River	5,303	5,334	6,659	59,772	70,120	-14.8	320,771	353,622	-9.3
Bituminous and lignite	9,461	9,454	11,692	106,984	123,123	-13.1	555,138	600,492	-7.6
Anthracite	49	51	58	573	607	-5.7	2,883	2,642	9.1
U.S. total	9,510	9,505	11,750	107,557	123,731	-13.1	558,022	603,134	-7.5
Railroad cars loaded	55,990	55,963	67,912	633,237	715,164	-11.5	3,323,726	3,493,390	-4.9

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 11

OUTPUT FOR WEEK ENDED - Mar 16, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Mar 16, 2024** was **70,442** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 16		52 Weeks Ended March 16	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,932	-7.50 %	111,207	-2.68 %
Mid-Atlantic	6,956	-9.09 %	404,334	-2.07 %
Central Industrial	11,408	-9.97 %	637,821	-1.64 %
West Central	5,628	-12.62 %	335,740	-1.17 %
Southeast	17,378	-6.86 %	1,015,565	-0.33 %
South Central	14,312	2.42 %	873,313	4.25 %
Rocky Mountain	5,143	3.55 %	293,375	-1.20 %
Pacific Northwest	3,273	-2.94 %	158,699	-1.90 %
Pacific Southwest	4,412	-5.64 %	266,122	-3.34 %
Total United States	70,442	-5.45 %	4,096,176	-0.24 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 16	70,442	Mar 18	74,499	-5.45 %	Mar 16	4,096,176	-0.24 %
Mar 16	858,627	Mar 18	838,595	2.39 %	YEAR TO DATE, FIRST 11 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	16-Mar 2024 GWh Output	18-Mar 2023 GWh Output	% Increase Over Corresponding Week	16-Mar 2024 GWh Output	18-Mar 2023 GWh Output	% Increase Over Corresponding Week	16-Mar 2024 GWh Output	18-Mar 2023 GWh Output	% Increase Over Corresponding Week
New England	1,932	2,088	-7.5%	24,900	24,693	0.8%	111,207	114,269	-2.68%
Mid-Atlantic	6,956	7,652	-9.1%	87,956	86,168	2.1%	404,334	412,864	-2.07%
Central Industrial	11,408	12,671	-10.0%	139,975	137,813	1.6%	637,821	648,427	-1.64%
West Central	5,628	6,440	-12.6%	69,535	71,102	-2.2%	335,740	339,718	-1.17%
Southeast	17,378	18,658	-6.9%	215,226	205,192	4.9%	1,015,565	1,018,960	-0.33%
South Central	14,312	13,974	2.4%	168,616	159,350	5.8%	873,313	837,691	4.25%
Rocky Mountain	5,143	4,967	3.5%	61,247	61,568	-0.5%	293,375	296,940	-1.20%
Pacific Northwest	3,273	3,373	-3.0%	39,161	39,253	-0.2%	158,699	161,777	-1.90%
Pacific Southwest	4,412	4,676	-5.6%	52,010	53,456	-2.7%	266,122	275,323	-3.34%
Total United States ^{1/}	70,442	74,499	-5.4%	858,626	838,595	2.4%	4,096,176	4,105,969	-0.24%
Coal Regions Only ^{2/}	60,825	64,362	-5.5%	742,555	721,193	3.0%	3,560,148	3,554,600	0.16%

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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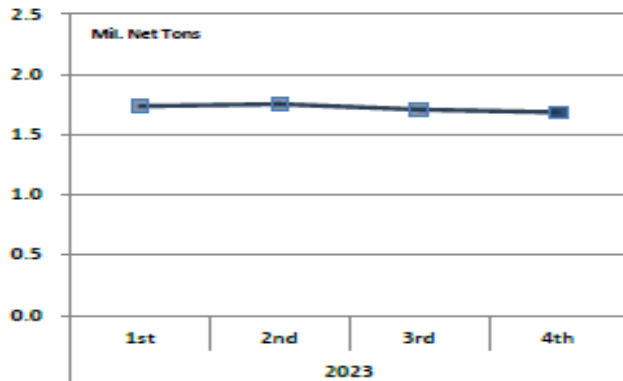
March 18, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

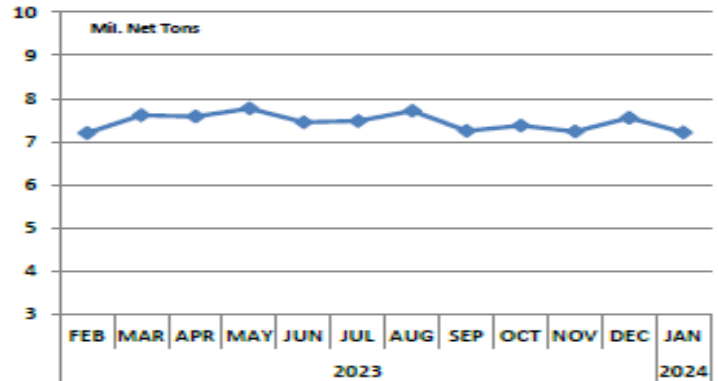
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>			
				<u>Week Ending</u>			
				<u>Mar 16</u>	<u>Mar 9</u>		
<u>Week Ending</u>				North East	134	137	
				Great Lakes	580	586	
Mar 16, 2024	1,714	-1.2	77.2	Midwest	181	185	
Mar 16, 2023	1,718	-0.2	76.9	Southern	760	762	
Mar 9, 2024	1,734	1.0	78.1	Western	59	64	
				Total	1,714	1,734	
<u>Year-to-Date +</u>							
Mar 16, 2024	18,307	-3.1	75.9				
Mar 16, 2023	18,886	-	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 11, 2024 – Ended March 16, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	219,586	-0.6%	2,344,887	213,172	-4.1%
Chemicals	33,134	7.1%	352,701	32,064	4.4%
Coal	55,990	-17.7%	640,846	58,259	-12.7%
Farm Products excl. Grain, and Food	17,394	5.3%	182,672	16,607	-0.3%
Forest Products	8,431	-1.1%	90,032	8,185	-0.3%
Grain	21,108	20.8%	222,194	20,199	-2.4%
Metallic Ores and Metals	18,683	-4.6%	212,018	19,274	0.7%
Motor Vehicles and Parts	16,643	10.3%	155,775	14,161	2.7%
Nonmetallic Minerals	29,322	1.9%	285,600	25,964	-10.3%
Petroleum and Petroleum Products	9,954	22.6%	110,053	10,005	7.1%
Other	8,927	14.3%	92,996	8,454	4.9%
Total Intermodal Units	255,010	13.8%	2,759,413	250,856	9.0%
Total Traffic	474,596	6.7%	5,104,300	464,027	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:

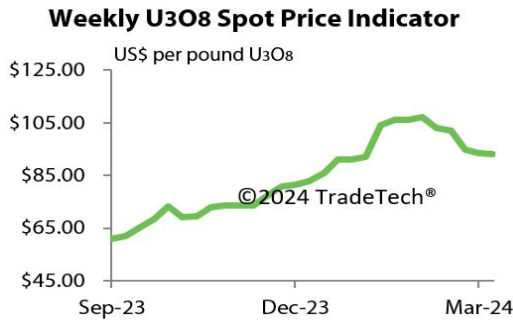


Gold and Silver Prices:



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

Trade Tech’s and UX’s Uranium Price Indicators



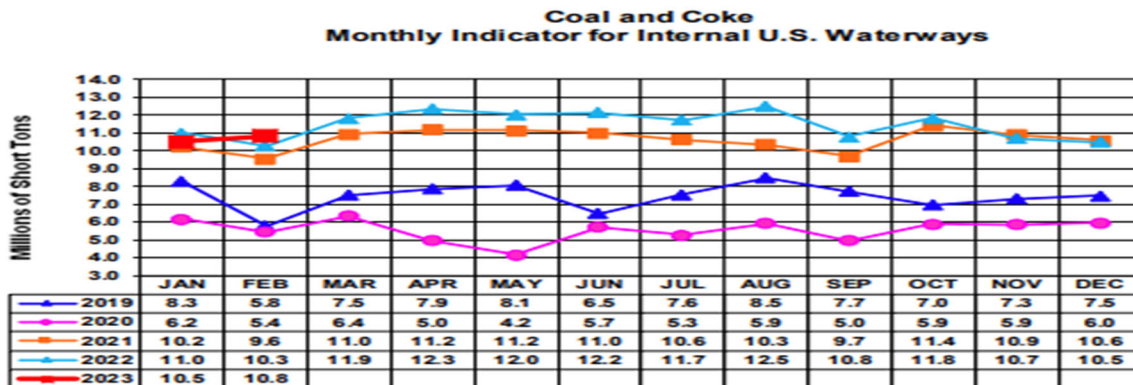
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

Zone	Coal	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

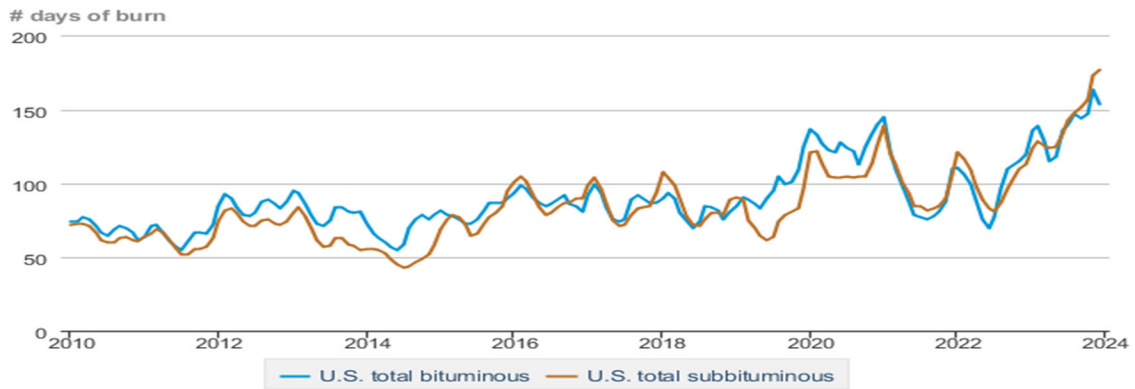
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	02/16/24	02/23/24	03/01/24	03/08/24	03/15/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$73.25	\$75.50	\$75.50	\$77.80	\$77.80	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.95	\$50.45	\$50.45	\$51.00	\$51.00	\$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 8,600 Btu, 0.8 SO ₂	\$13.95	\$13.90	\$13.90	\$13.85	\$13.85	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$26.90	\$26.80	\$26.80	\$26.70	\$26.70	\$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 - 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 Mar 07)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	169	-58	-34	0	0	0
Middle Atlantic	157	-56	-26	0	0	0
E N Central	142	-84	-40	0	-1	0
W N Central	155	-71	-53	0	-1	0
South Atlantic	81	-51	-1	12	2	-9
E S Central	70	-56	8	0	-3	-4
W S Central	40	-40	3	16	7	-4
Mountain	178	4	-38	0	-1	0
Pacific	125	29	-29	0	-1	0
United States	126	-43	-26	4	1	-2

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

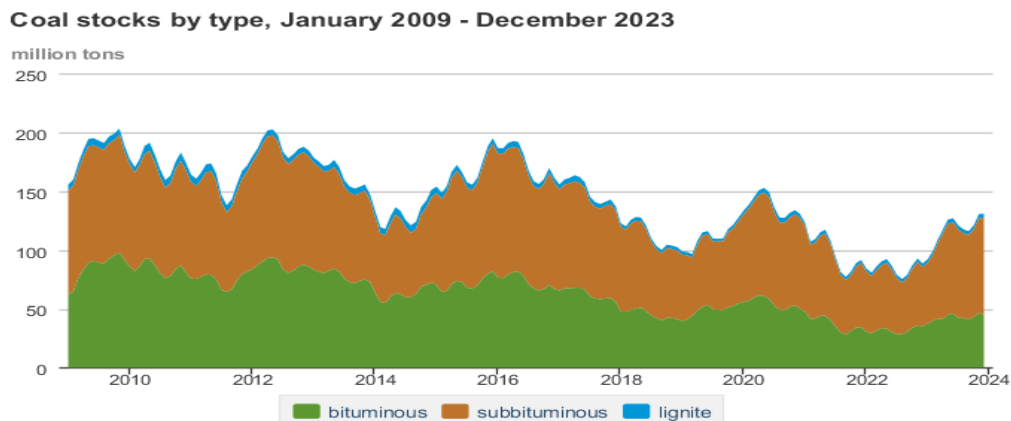
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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*.



Data 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)	3/18/24	\$12.95
Copper Spot Price (\$/lb)	3/19/24	\$4.05
Gold Spot Price (\$/ounce)	3/19/24	\$2,156.85
Lead Spot Price (\$/lb)	3/18/24	\$0.93
Lithium Spot Price (\$/kg)	3/19/24	\$16.04
Molybdenum Spot Price (\$/kg)	3/18/24	\$48.00
Nickel Spot Price (\$/lb)	3/18/24	\$8.02
Silver Spot Price (\$/ounce)	3/19/24	\$24.93
Steel HRC Price (\$/mt)	3/18/24	\$868.69
Steel Rebar Price (\$/mt)	3/19/24	\$492.42
Zinc Spot Price (\$/lb)	3/19/24	\$1.13
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	3/19/24	\$246.50
Coal Spot Price - Central Appalachian (\$/st)	3/15/24	\$77.80
Coal Spot Price - Newcastle futures (\$/mt)	3/18/24	\$129.19
Coal Spot Price - Rotterdam futures (\$/mt)	3/19/24	\$112.95
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	3/3/24	\$1.24
Uranium Spot Price (\$/lb)	3/11/24	\$91.00

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)		
	2024-03-08	2024-03-01	change
East	412	422	-10
Midwest	561	575	-14
Mountain	167	169	-2
Pacific	213	219	-6
South Central	972	949	23
Total	2,325	2,334	-9

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

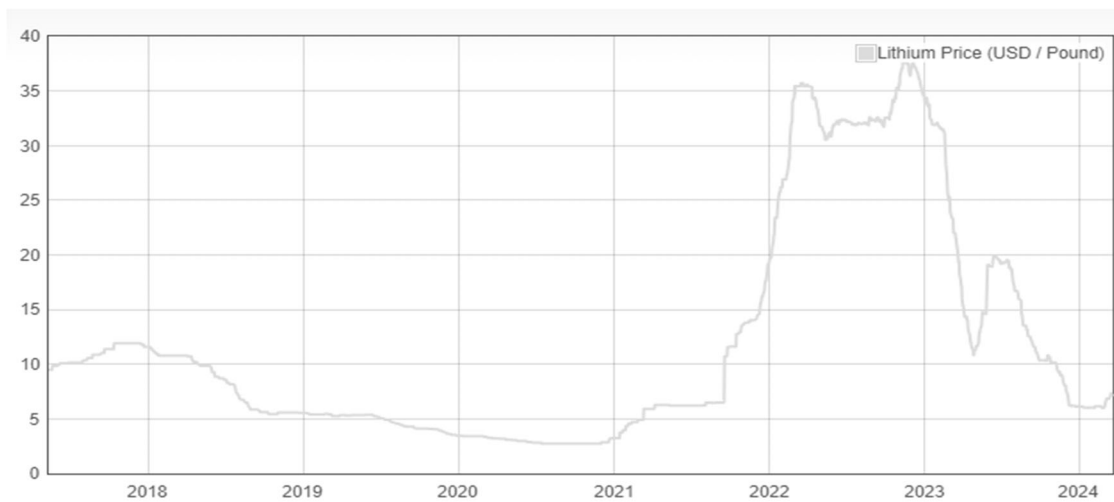
Cobalt and Lithium Prices

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>