



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

March 29, 2024 Edition
(Data for Week Ending March 23, 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		
	3/23/24	3/25/23	% Chg	3/23/24	3/23/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,125	11,808	-22.7%	116,682	135,522	-13.9%
52 Weeks Ended	555,339	603,613	-8.0%			
AAR Coal Rail Cars Loaded:	53,727	68,248	-21.3%	686,964	783,322	-12.3%
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		
	3/23/24	3/25/23	% Chg	3/23/24	3/25/23	% Chg
EI Electric Total Output (Mil. Kwh)	72,225	74,307	-2.8%	930,852	912,902	2.0%
EI Coal Region Output (Mil. Kwh)	62,751	64,175	-2.2%	805,306	785,368	2.5%
AISI Raw Steel Output (000 Tons)	1,703	1,718	-0.9%	20,010	20,605	-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)	
	3/22/24	3/15/24	% Chg	Wed.	3/20/24
Central App, 12,500 Btu, 1.2 SO ₂	\$75.50	\$77.80	-3.0%	Henry Hub	1.57
Northern App, 13,000 Btu, < 3.0 SO ₂	48.50	51.00	-4.9%	New York	1.73
Illinois Basin, 11,800, 5.0 SO ₂	43.00	43.00	0.0%	Chicago	1.54
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.65	13.85	-1.4%	Cal.Comp.Avg.	1.72
Uinta Basin, 11,700 Btu, 0.8 SO ₂	25.50	26.70	-4.5%		

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		
	3/23/2024 (week 12)	3/16/2024 (week 11)	3/25/2023 (week 12)	3/23/2024	3/23/2023	% Change	3/23/2024	3/25/2023	% Change
Alabama	196	210	220	2,459	2,523	-2.5	11,918	10,805	10.3
Alaska	17	18	23	227	259	-12.4	971	1,043	-6.9
Colorado	183	188	222	2,238	2,544	-12.0	12,003	12,773	-6.0
Illinois	600	638	782	7,747	8,975	-13.7	35,751	38,677	-7.6
Indiana	389	410	533	5,223	6,116	-14.6	22,581	25,171	-10.3
Kentucky total	458	480	605	5,981	6,943	-13.9	26,896	29,405	-8.5
Eastern (KY)	199	207	253	2,622	2,906	-9.8	11,739	12,548	-6.4
Western (KY)	259	274	352	3,359	4,037	-16.8	15,156	16,857	-10.1
Louisiana	4	5	6	59	70	-15.8	276	326	-15.3
Maryland	20	20	25	254	291	-13.0	1,212	1,416	-14.4
Mississippi	35	35	47	417	536	-22.3	2,552	3,277	-22.1
Missouri	3	3	3	34	32	3.4	140	92	52.2
Montana	459	475	549	5,772	6,303	-8.4	28,387	28,616	-0.8
New Mexico	116	123	168	1,511	1,928	-21.6	7,523	10,115	-25.6
North Dakota	369	373	534	4,664	6,132	-23.9	22,470	26,808	-16.2
Ohio	27	28	39	337	453	-25.5	1,717	2,335	-26.5
Oklahoma	s	s	s	s	s	24.8	2	2	s
Pennsylvania total	709	738	854	8,992	9,805	-8.3	41,645	41,099	1.3
Anthracite (PA)	48	49	58	621	665	-6.6	2,874	2,655	8.2
Bituminous (PA)	660	689	796	8,371	9,140	-8.4	38,771	38,444	0.9
Tennessee	s	.
Texas	202	210	296	2,582	3,395	-24.0	12,948	17,013	-23.9
Utah	98	103	162	1,229	1,855	-33.7	6,250	9,812	-36.3
Virginia	173	181	238	2,303	2,736	-15.8	10,031	11,568	-13.3
West Virginia total	1,392	1,465	1,772	18,071	20,342	-11.2	81,831	86,322	-5.2
Northern (WV)	715	744	938	9,274	10,770	-13.9	42,862	47,866	-10.5
Southern (WV)	677	721	834	8,797	9,572	-8.1	38,969	38,456	1.3
Wyoming	3,674	3,805	4,730	46,583	54,283	-14.2	228,237	246,940	-7.6
Appalachian total	2,715	2,849	3,403	35,038	39,055	-10.3	160,093	166,093	-3.6
Interior total	1,493	1,575	2,018	19,420	23,162	-16.2	89,406	101,414	-11.8
Western total	4,917	5,086	6,387	62,224	73,304	-15.1	305,839	336,106	-9.0
East of Mississippi River	3,999	4,206	5,116	51,784	58,720	-11.8	236,133	250,075	-5.6
West of Mississippi River	5,126	5,303	6,692	64,898	76,802	-15.5	319,206	353,538	-9.7
Bituminous and lignite	9,077	9,461	11,750	116,061	134,857	-13.9	552,465	600,959	-8.1
Anthracite	48	49	58	621	665	-6.6	2,874	2,655	8.2
U.S. total	9,125	9,510	11,808	116,682	135,522	-13.9	555,339	603,613	-8.0
Railroad cars loaded	53,727	55,990	68,248	686,964	783,322	-12.3	3,309,205	3,497,709	-5.4

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 12

OUTPUT FOR WEEK ENDED - Mar 23, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Mar 23, 2024** was **72,225** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 23		52 Weeks Ended March 23	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,049	3.20 %	111,271	-2.63 %
Mid-Atlantic	7,476	2.59 %	404,522	-2.08 %
Central Industrial	12,433	2.58 %	638,134	-1.65 %
West Central	6,000	-3.74 %	335,507	-1.29 %
Southeast	17,969	-4.83 %	1,014,654	-0.57 %
South Central	14,117	-4.16 %	872,700	4.01 %
Rocky Mountain	4,756	-3.42 %	293,206	-1.28 %
Pacific Northwest	3,022	-10.87 %	158,331	-2.19 %
Pacific Southwest	4,403	-7.42 %	265,769	-3.54 %
Total United States	72,225	-2.80 %	4,094,094	-0.39 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 23	72,225	Mar 25	74,307	-2.80 %	Mar 23	4,094,094	-0.39 %
Mar 23	930,852	Mar 25	912,902	1.97 %	YEAR TO DATE, FIRST 12 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	23-Mar	25-Mar	% Increase Over Corresponding Week	23-Mar	25-Mar	% Increase Over Corresponding Week	23-Mar	25-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	2,049	1,985	3.2%	26,949	26,678	1.0%	111,271	114,280	-2.63%
Mid-Atlantic	7,476	7,287	2.6%	95,432	93,455	2.1%	404,522	413,132	-2.08%
Central Industrial	12,433	12,120	2.6%	152,408	149,933	1.7%	638,134	648,846	-1.65%
West Central	6,000	6,233	-3.7%	75,535	77,335	-2.3%	335,507	339,883	-1.29%
Southeast	17,969	18,880	-4.8%	233,195	224,072	4.1%	1,014,654	1,020,503	-0.57%
South Central	14,117	14,730	-4.2%	182,733	174,080	5.0%	872,700	839,059	4.01%
Rocky Mountain	4,756	4,925	-3.4%	66,003	66,493	-0.7%	293,206	297,002	-1.28%
Pacific Northwest	3,022	3,391	-10.9%	42,183	42,644	-1.1%	158,331	161,879	-2.19%
Pacific Southwest	4,403	4,756	-7.4%	56,413	58,212	-3.1%	265,769	275,509	-3.54%
Total United States ^{1/}	<u>72,225</u>	<u>74,307</u>	-2.8%	<u>930,851</u>	<u>912,902</u>	2.0%	<u>4,094,094</u>	<u>4,110,091</u>	-0.39%
Coal Regions Only ^{2/}	62,751	64,175	-2.2%	805,306	785,368	2.5%	3,558,723	3,558,424	0.01%

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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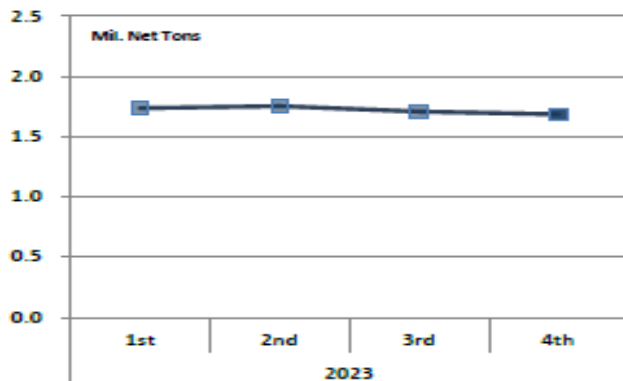
March 25, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

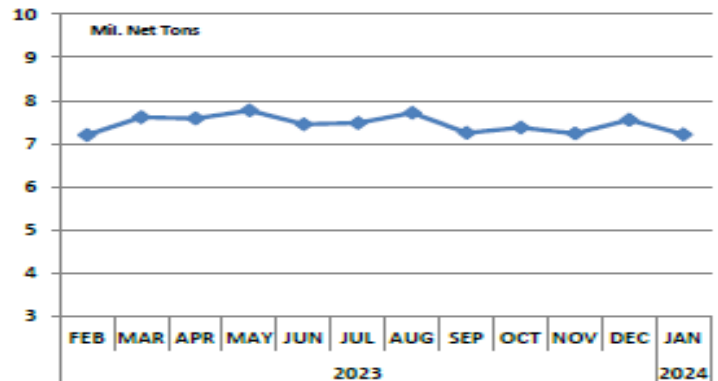
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Mar 23</u>	<u>Mar 16</u>	
<u>Week Ending</u>				North East	129	134
				Great Lakes	576	580
Mar 23, 2024	1,703	-0.6	76.7	Midwest	179	181
Mar 23, 2023	1,718	-0.9	76.9	Southern	757	760
Mar 16, 2024	1,714	-1.2	77.2	Western	62	59
				Total	1,703	1,714
<u>Year-to-Date +</u>						
Mar 23, 2024	20,010	-2.9	76.0			
Mar 23, 2023	20,605	-	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 12, 2024 – Ended March 23, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	215,277	-6.1%	2,555,094	212,925	-4.3%
Chemicals	33,702	5.7%	386,378	32,198	4.5%
Coal	53,727	-20.9%	690,154	57,513	-13.5%
Farm Products excl. Grain, and Food	16,790	-3.0%	199,453	16,621	-0.6%
Forest Products	8,534	0.7%	98,566	8,214	-0.2%
Grain	21,467	14.6%	243,661	20,305	-1.1%
Metallic Ores and Metals	18,519	-10.3%	229,977	19,165	-0.3%
Motor Vehicles and Parts	16,109	5.8%	171,884	14,324	3.0%
Nonmetallic Minerals	27,607	-9.3%	313,178	26,098	-10.2%
Petroleum and Petroleum Products	10,093	7.4%	120,146	10,012	7.1%
Other	8,729	-5.6%	101,697	8,475	3.9%
Total Intermodal Units	255,316	10.2%	3,014,729	251,227	9.1%
Total Traffic	470,593	2.1%	5,569,823	464,152	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.

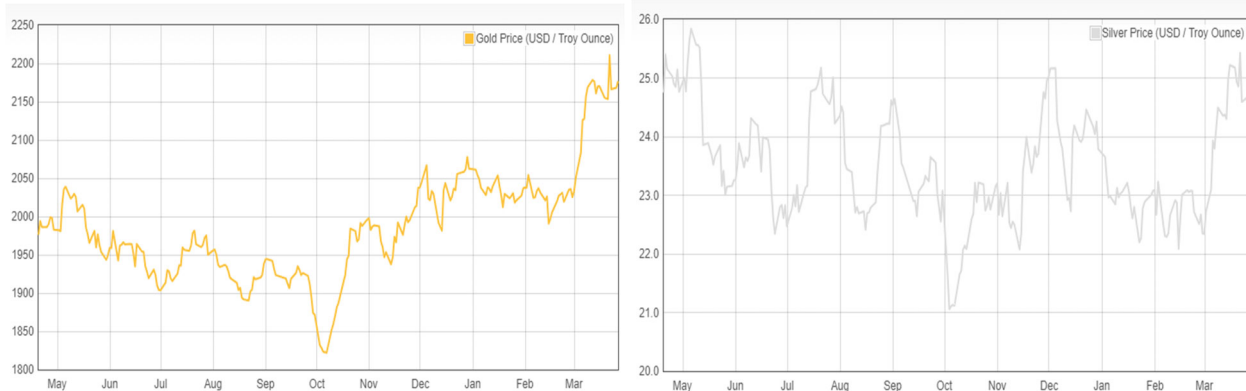
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

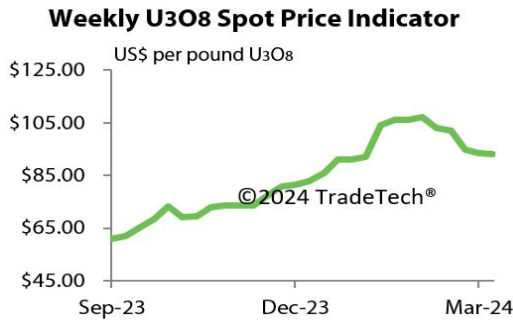


Gold and Silver Prices:



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

Trade Tech’s and UX’s Uranium Price Indicators



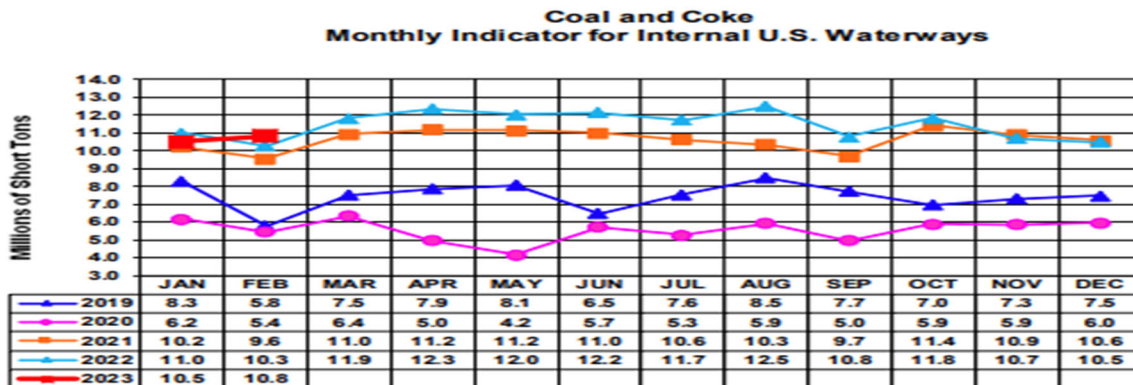
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

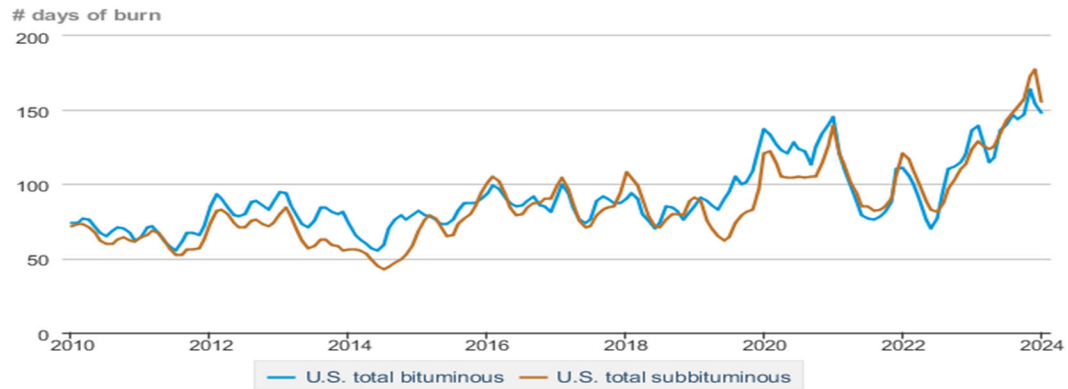
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	02/23/24	03/01/24	03/08/24	03/15/24	03/22/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.50	\$75.50	\$77.80	\$77.80	\$75.50	\$-2.30
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$50.45	\$50.45	\$51.00	\$51.00	\$48.50	\$-2.50
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	\$13.90	\$13.85	\$13.85	\$13.65	\$-0.20
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$26.80	\$26.80	\$26.70	\$26.70	\$25.50	\$-1.20

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 14)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	166	-46	-34	0	0	0
Middle Atlantic	150	-48	-59	0	0	0
E N Central	138	-70	-87	0	0	0
W N Central	143	-65	-91	0	-1	0
South Atlantic	80	-39	-62	11	1	1
E S Central	82	-31	-51	0	-4	0
W S Central	47	-22	-14	13	3	-1
Mountain	175	10	7	0	-1	0
Pacific	104	12	-5	0	-1	0
United States	121	-36	-49	3	-1	0

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

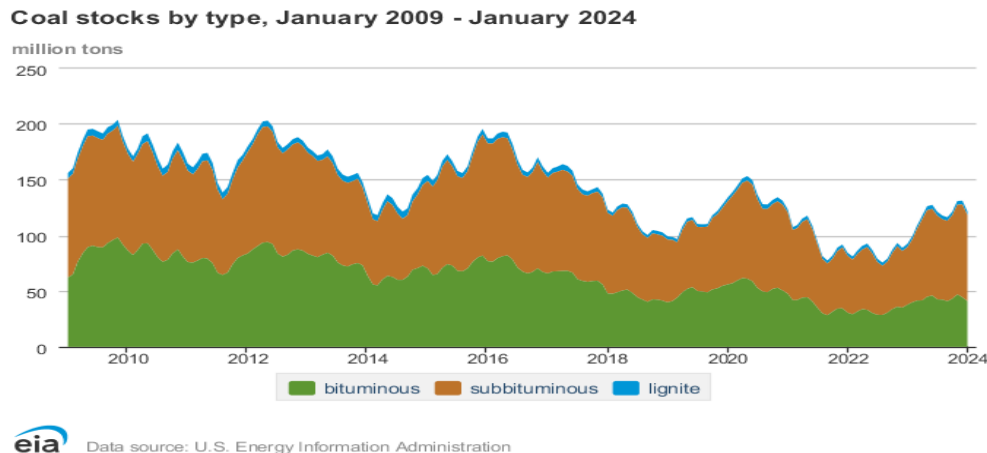
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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)	3/25/24	\$12.95
Copper Spot Price (\$/lb)	3/26/24	\$3.99
Gold Spot Price (\$/ounce)	3/26/24	\$2,176.86
Lead Spot Price (\$/lb)	3/25/24	\$0.90
Lithium Spot Price (\$/kg)	3/26/24	\$15.16
Molybdenum Spot Price (\$/kg)	3/25/24	\$48.00
Nickel Spot Price (\$/lb)	3/25/24	\$7.58
Silver Spot Price (\$/ounce)	3/26/24	\$24.45
Steel HRC Price (\$/mt)	3/26/24	\$863.38
Steel Rebar Price (\$/mt)	3/26/24	\$491.64
Zinc Spot Price (\$/lb)	3/26/24	\$1.10
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	3/26/24	\$252.50
Coal Spot Price - Central Appalachian (\$/st)	3/22/24	\$75.50
Coal Spot Price - Newcastle futures (\$/mt)	3/26/24	\$128.49
Coal Spot Price - Rotterdam futures (\$/mt)	3/22/24	\$113.40
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	3/20/24	\$1.57
Uranium Spot Price (\$/lb)	3/18/24	\$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)		
	2024-03-15	2024-03-08	change
East	406	412	-6
Midwest	551	561	-10
Mountain	166	167	-1
Pacific	216	213	3
South Central	993	972	21
Total	2,332	2,325	7

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

NEW-WELL PRODUCTION PER RIG BY REGION

PRODUCTION BY REGION

DUC WELLS BY REGION

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

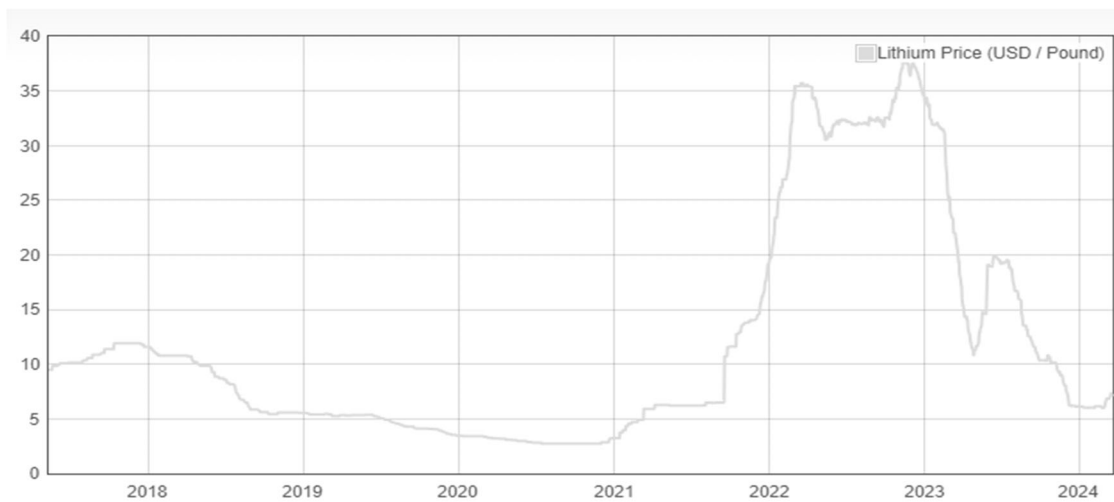
Cobalt and Lithium Prices

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>