



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

April 19, 2024 Edition
(Data for Week Ending April 13, 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		
	4/13/24	4/15/23	% Chg	4/13/24	4/13/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	7,498	10,814	-30.7%	140,616	168,573	-16.6%
52 Weeks Ended	546,500	601,875	-9.2%			
AAR Coal Rail Cars Loaded:	45,218	63,196	-28.4%	830,473	975,628	-14.9%
EIA Coal Production	Mar 24/23		% Chg	Jan - Mar 24/23		% Chg
Month Ended - March	40,612	51,984	-21.9%	126,399	148,706	-15.0%

U.S. Department of Commerce Coal Trade (000 Tons)

	February 24/23		% Chg	Jan - Feb 24/23		% Chg
Coal Exports:						
Metallurgical	4,925	4,126	19.4%	8,869	8,175	8.5%
Steam Bit. *	4,064	3,815	6.5%	8,482	6,815	24.5%
Lignite	8	9	-11.1%	18	17	5.9%
Anthracite	<u>129</u>	<u>50</u>	158.0%	<u>176</u>	<u>137</u>	28.5%
Total	9,126	8,000	14.1%	17,545	15,144	15.9%
Coal Imports:	151	260	-41.9%	244	739	-67.0%

	Week Ended			Cumulative Week 1 to		
	4/13/24	4/15/23	% Chg	4/13/24	4/15/23	% Chg
EI Electric Total Output (Mil. Kwh)	68,989	68,576	0.6%	1,142,412	1,123,900	1.6%
EI Coal Region Output (Mil. Kwh)	59,484	59,319	0.3%	988,267	967,525	2.1%
AISI Raw Steel Output (000 Tons)	1,726	1,769	-2.4%	25,223	25,853	-2.4%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	4/12/24	4/05/24	% Chg	Wed.	4/10/24
Central App, 12,500 Btu, 1.2 SO ₂	\$77.35	\$77.35	0.0%	Henry Hub	1.88
Northern App, 13,000 Btu, < 3.0 SO ₂	49.70	49.70	0.0%	New York	1.42
Illinois Basin, 11,800, 5.0 SO ₂	43.50	43.50	0.0%	Chicago	1.52
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.65	13.65	0.0%	Cal.Comp.Avg.	1.81
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		
	4/13/2024 (week 15)	4/6/2024 (week 14)	4/15/2023 (week 15)	4/13/2024	4/13/2023	% Change	4/13/2024	4/15/2023	% Change
Alabama	174	181	219	3,002	3,171	-5.3	11,813	10,857	8.8
Alaska	13	13	18	270	318	-15.1	956	1,043	-8.3
Colorado	155	159	235	2,733	3,224	-15.2	11,814	12,715	-7.1
Illinois	494	487	749	9,305	11,225	-17.1	35,068	38,656	-9.3
Indiana	305	311	449	6,205	7,535	-17.6	22,167	25,257	-12.2
Kentucky total	371	379	549	7,170	8,628	-16.9	26,415	29,407	-10.2
Eastern (KY)	163	168	248	3,147	3,644	-13.6	11,528	12,593	-8.5
Western (KY)	207	211	302	4,023	4,984	-19.3	14,888	16,813	-11.4
Louisiana	4	4	5	70	86	-18.5	272	325	-16.3
Maryland	16	16	25	305	366	-16.7	1,189	1,406	-15.4
Mississippi	28	28	46	506	673	-24.8	2,505	3,218	-22.2
Missouri	2	2	3	41	41	0.5	139	96	44.8
Montana	399	409	581	7,039	7,983	-11.8	27,965	28,634	-2.3
New Mexico	97	99	168	1,817	2,425	-25.1	7,333	9,987	-26.6
North Dakota	291	297	420	5,612	7,500	-25.2	22,082	26,579	-16.9
Ohio	21	21	35	405	561	-27.8	1,677	2,283	-26.5
Oklahoma	s	s	s	s	s	8.5	2	2	s
Pennsylvania total	586	600	796	10,863	12,222	-11.1	41,116	41,128	s
Anthracite (PA)	41	44	46	754	814	-7.5	2,860	2,661	7.5
Bituminous (PA)	545	556	750	10,110	11,408	-11.4	38,256	38,467	-0.5
Tennessee	s	.
Texas	151	152	229	3,068	4,147	-26.0	12,701	16,779	-24.3
Utah	72	73	120	1,463	2,256	-35.1	6,094	9,527	-36.0
Virginia	135	139	212	2,742	3,390	-19.1	9,822	11,600	-15.3
West Virginia total	1,153	1,167	1,694	21,738	25,433	-14.5	80,429	86,483	-7.0
Northern (WV)	583	600	901	11,150	13,472	-17.2	42,046	47,829	-12.1
Southern (WV)	570	567	793	10,588	11,960	-11.5	38,383	38,654	-0.7
Wyoming	3,031	3,134	4,260	56,262	67,390	-16.5	224,940	245,894	-8.5
Appalachian total	2,248	2,292	3,229	42,202	48,787	-13.5	157,574	166,350	-5.3
Interior total	1,191	1,194	1,783	23,218	28,691	-19.1	87,741	101,147	-13.3
Western total	4,059	4,185	5,802	75,196	91,095	-17.5	301,185	334,379	-9.9
East of Mississippi River	3,282	3,329	4,774	62,241	73,204	-15.0	232,202	250,295	-7.2
West of Mississippi River	4,216	4,342	6,039	78,375	95,369	-17.8	314,298	351,580	-10.6
Bituminous and lignite	7,457	7,628	10,768	139,863	167,759	-16.6	543,640	599,215	-9.3
Anthracite	41	44	46	754	814	-7.5	2,860	2,661	7.5
U.S. total	7,498	7,672	10,814	140,616	168,573	-16.6	546,500	601,875	-9.2
Railroad cars loaded	45,218	46,688	63,196	830,473	975,629	-14.9	3,261,821	3,492,441	-6.6

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 15

OUTPUT FOR WEEK ENDED - Apr 13, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Apr 13, 2024** was **68,989** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 13		52 Weeks Ended April 13	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,880	6.46 %	111,620	-2.09 %
Mid-Atlantic	6,686	-1.70 %	405,159	-1.68 %
Central Industrial	11,238	0.90 %	638,814	-1.33 %
West Central	5,503	-3.31 %	335,494	-1.25 %
Southeast	16,722	-1.40 %	1,013,519	-0.74 %
South Central	14,792	4.41 %	873,446	3.98 %
Rocky Mountain	4,543	-0.43 %	293,096	-1.29 %
Pacific Northwest	3,204	5.61 %	158,135	-2.40 %
Pacific Southwest	4,421	-0.81 %	265,374	-3.70 %
Total United States	68,989	0.60 %	4,094,656	-0.35 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 %
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 13	1,142,412	Apr 15	1,123,900	1.65 %	YEAR TO DATE, FIRST 15 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	13-Apr 2024 GWh Output	15-Apr 2023 GWh Output	% Increase Over Corresponding Week	13-Apr 2024 GWh Output	15-Apr 2023 GWh Output	% Increase Over Corresponding Week	13-Apr 2024 GWh Output	15-Apr 2023 GWh Output	% Increase Over Corresponding Week
New England	1,880	1,766	6.5%	32,893	32,274	1.9%	111,620	114,001	-2.1%
Mid-Atlantic	6,686	6,802	-1.7%	116,551	113,938	2.3%	405,159	412,096	-1.7%
Central Industrial	11,238	11,137	0.9%	187,106	183,951	1.7%	638,814	647,452	-1.3%
West Central	5,503	5,692	-3.3%	93,033	94,847	-1.9%	335,494	339,738	-1.2%
Southeast	16,722	16,960	-1.4%	284,808	276,821	2.9%	1,013,519	1,021,097	-0.7%
South Central	14,792	14,166	4.4%	226,492	217,093	4.3%	873,446	840,045	4.0%
Rocky Mountain	4,543	4,562	-0.4%	80,277	80,876	-0.7%	293,096	296,934	-1.3%
Pacific Northwest	3,204	3,034	5.6%	51,502	52,159	-1.3%	158,135	162,026	-2.4%
Pacific Southwest	4,421	4,457	-0.8%	69,748	71,942	-3.0%	265,374	275,561	-3.7%
Total United States ^{1/}	68,989	68,576	0.6%	1,142,410	1,123,900	1.6%	4,094,657	4,108,950	-0.3%
Coal Regions Only ^{2/}	59,484	59,319	0.3%	988,267	967,525	2.1%	3,559,528	3,557,362	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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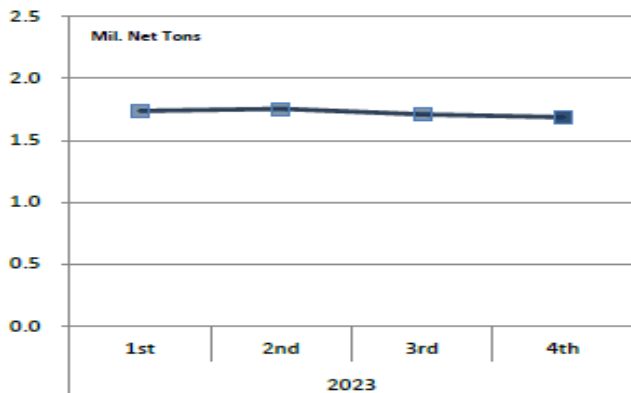
April 15, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

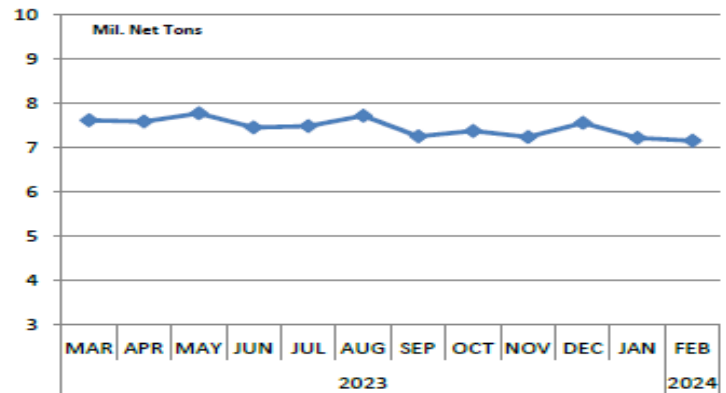
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Apr 13</u>	<u>Apr 6</u>	
<u>Week Ending</u>				North East	141	139
				Great Lakes	573	588
Apr 13, 2024	1,726	-1.1	77.7	Midwest	211	198
Apr 13, 2023	1,769	-2.4	78.6	Southern	734	755
Apr 6, 2024	1,745	1.3	78.6	Western	67	65
				Total	1,726	1,745
<u>Year-to-Date +</u>						
Apr 13, 2024	25,223	-2.4	76.4			
Apr 13, 2023	25,853	-	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 15, 2024 – Ended April 13, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	208,381	-8.2%	3,191,350	212,757	-4.5%
Chemicals	32,323	1.4%	484,116	32,274	4.3%
Coal	45,218	-28.3%	833,663	55,578	-15.7%
Farm Products excl. Grain, and Food	17,002	4.9%	249,749	16,650	0.3%
Forest Products	8,015	-3.1%	123,837	8,256	0.3%
Grain	20,391	-0.2%	306,986	20,466	0.7%
Metallic Ores and Metals	18,658	-14.2%	289,167	19,278	-2.0%
Motor Vehicles and Parts	16,288	9.6%	220,747	14,716	4.6%
Nonmetallic Minerals	31,631	-4.0%	404,585	26,972	-8.7%
Petroleum and Petroleum Products	10,403	14.9%	150,888	10,059	8.4%
Other	8,452	-0.2%	127,612	8,507	3.3%
Total Intermodal Units	258,082	11.0%	3,767,729	251,182	9.1%
Total Traffic	466,463	1.5%	6,959,079	463,939	2.4%

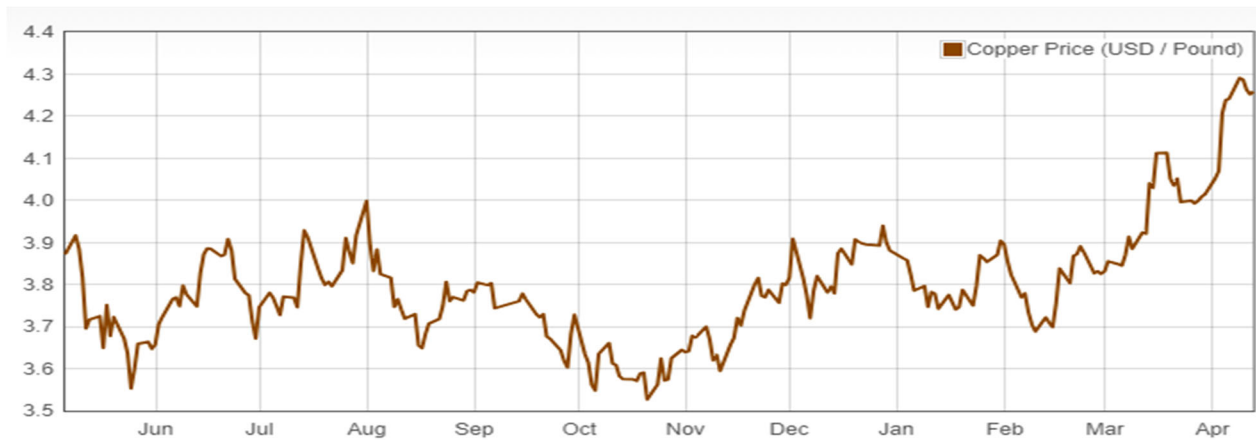
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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:

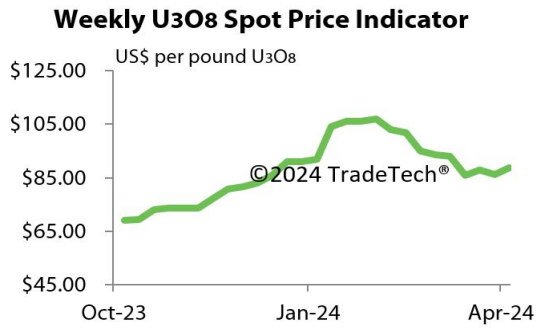


Gold and Silver Prices:



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>

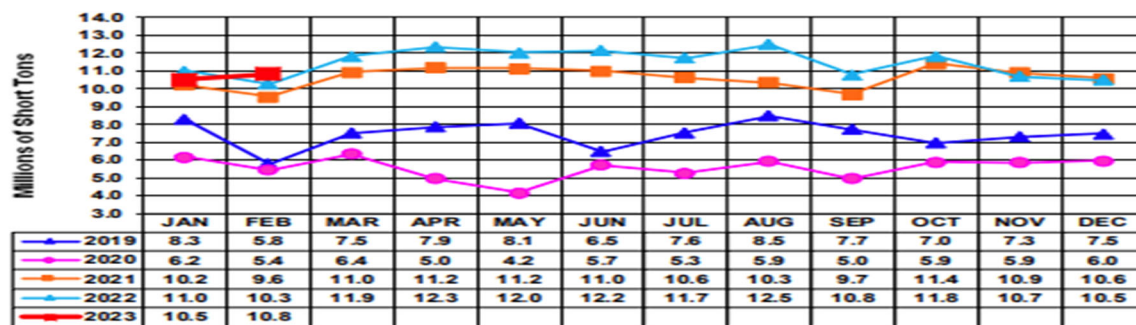
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

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

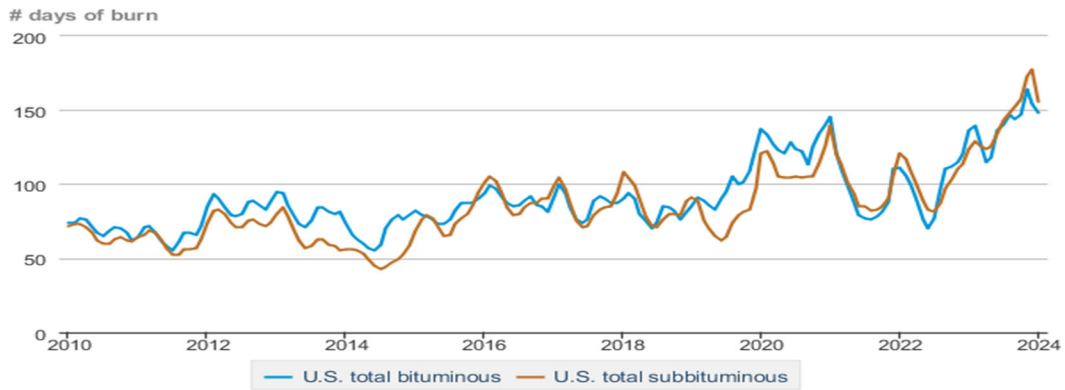
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	03/15/24	03/22/24	03/29/24	04/05/24	04/12/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$77.80	\$75.50	\$75.50	\$77.35	\$77.35	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$51.00	\$48.50	\$48.50	\$49.70	\$49.70	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$43.00	\$43.00	\$43.00	\$43.50	\$43.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.85	\$13.65	\$13.65	\$13.65	\$13.65	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$26.70	\$25.50	\$25.50	\$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 - January 2024



 Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 04)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	156	-10	-9	0	0	0
Middle Atlantic	143	-7	13	0	0	0
E N Central	148	-7	19	0	0	0
W N Central	139	-11	-10	0	-1	-1
South Atlantic	63	-17	9	16	3	-9
E S Central	51	-24	9	8	3	-7
W S Central	28	-12	11	22	7	-16
Mountain	137	2	-40	0	-5	0
Pacific	101	23	-31	0	-2	0
United States	113	-4	-1	6	2	-4

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

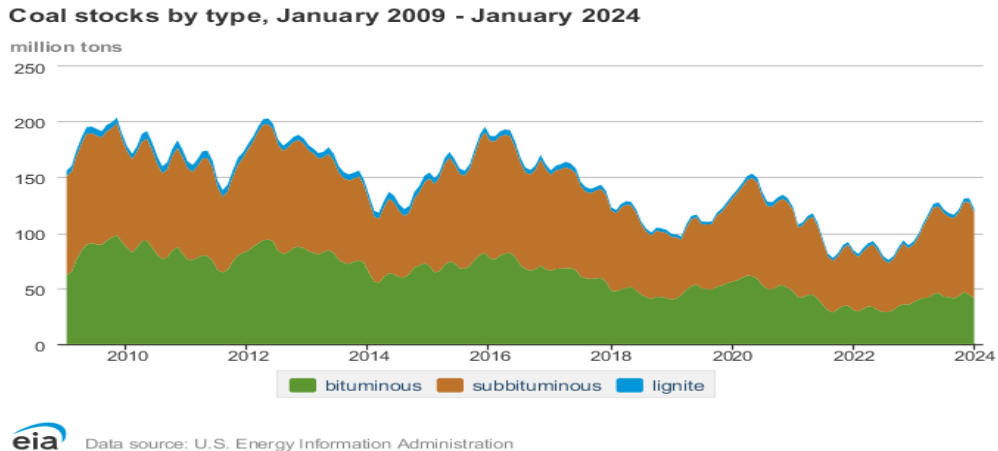
Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2023 Year to Date - 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)	4/16/24	\$12.62
Copper Spot Price (\$/lb)	4/17/24	\$4.35
Gold Spot Price (\$/ounce)	4/17/24	\$2,372.36
Lead Spot Price (\$/lb)	4/17/24	\$0.98
Lithium Spot Price (\$/kg)	4/17/24	\$15.40
Molybdenum Spot Price (\$/kg)	4/17/24	\$455.00
Nickel Spot Price (\$/lb)	4/17/24	\$8.23
Silver Spot Price (\$/ounce)	4/17/24	\$28.39
Steel HRC Price (\$/mt)	4/17/24	\$817.42
Steel Rebar Price (\$/mt)	4/17/24	\$498.70
Zinc Spot Price (\$/lb)	4/17/24	\$1.28
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	4/16/24	\$260.50
Coal Spot Price - Central Appalachian (\$/st)	4/12/24	\$77.35
Coal Spot Price - Newcastle futures (\$/mt)	4/16/24	\$136.26
Coal Spot Price - Rotterdam futures (\$/mt)	4/17/24	\$120.00
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	4/10/24	\$1.88
Uranium Spot Price (\$/lb)	4/16/24	\$89.35

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)		
	2024-04-05	2024-03-29	change
East	362	363	-1
Midwest	512	510	2
Mountain	165	162	3
Pacific	229	227	2
South Central	1,014	996	18
Total	2,283	2,259	24

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 - December 2023	Jan-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	807	807
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	365	365
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	17.75	12.9

Source: USGS, Mineral Industry Survey, Cobalt in January 2024, April 2024

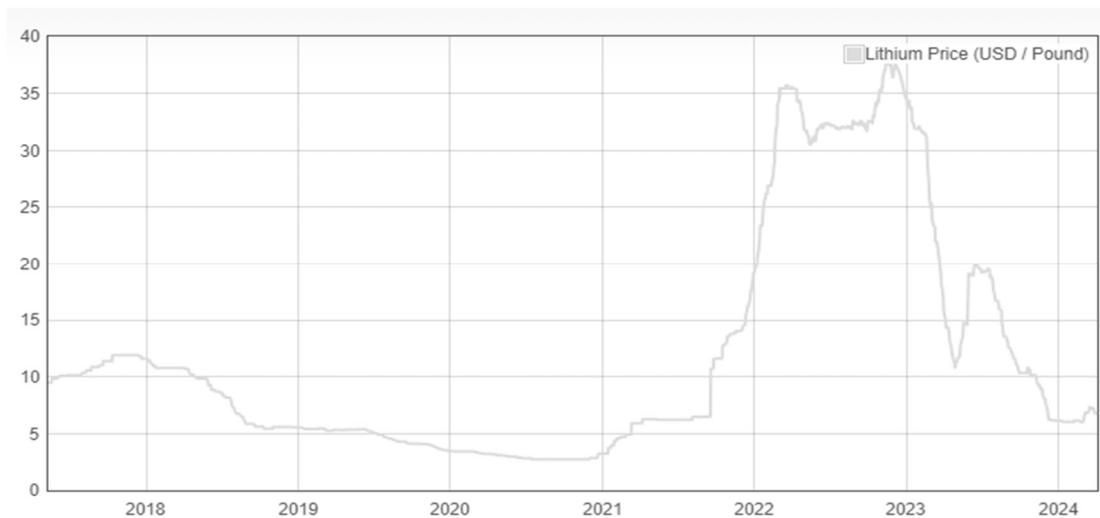
Cobalt and Lithium Prices

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>