



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

January 19, 2024 Edition
(Data for Week Ending January 13, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 2 | Dated 01/19/24

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	1/13/24	1/14/23	% Chg	1/13/24	1/13/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,970	12,008	-17.0%	18,976	21,507	-11.8%
52 Weeks Ended	577,521	606,220	-4.7%			
AAR Coal Rail Cars Loaded:	58,478	69,406	-15.7%	112,616	124,313	-9.4%
EIA Coal Production	Dec 23/22		% Chg	Jan - Dec 23/22		% Chg
Month Ended - December	46,940	45,672	2.8%	581,614	594,155	-2.1%

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

	November 23/22		% Chg	Jan - Nov 23/22		% Chg
Coal Exports:						
Metallurgical	4,208	4,163	1.1%	47,089	43,076	9.3%
Steam Bit. *	3,982	3,336	19.4%	43,504	34,614	25.7%
Lignite	7	11	-36.4%	87	76	14.5%
Anthracite	<u>61</u>	<u>47</u>	29.8%	<u>690</u>	<u>433</u>	59.4%
Total	8,258	7,557	9.3%	91,370	78,199	16.8%
Coal Imports:	335	690	-51.4%	3,777	6,021	-37.3%

	Week Ended			Cumulative Week 1 to		
	1/13/24	1/14/23	% Chg	1/13/24	1/14/23	% Chg
EI Electric Total Output (Mil. Kwh)	82,435	77,445	6.4%	162,127	150,552	7.7%
EI Coal Region Output (Mil. Kwh)	70,877	66,718	6.2%	140,024	129,184	8.4%
AISI Raw Steel Output (000 Tons)	1,699	1,697	0.1%	3,162	3,138	0.8%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	1/12/24	1/05/24	% Chg	Wed.	1/10/24
Central App, 12,500 Btu, 1.2 SO ₂	\$81.05	\$81.05	0.0%	Henry Hub	3.23
Northern App, 13,000 Btu, < 3.0 SO ₂	53.15	53.15	0.0%	New York	2.92
Illinois Basin, 11,800, 5.0 SO ₂	44.25	44.25	0.0%	Chicago	2.89
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.90	13.90	0.0%	Cal.Comp.Avg.	6.72
Uinta Basin, 11,700 Btu, 0.8 SO ₂	28.20	28.20	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		
	1/13/2024 (week 2)	1/6/2024 (week 1)	1/14/2023 (week 2)	1/13/2024	1/13/2023	% Change	1/13/2024	1/14/2023	% Change
Alabama	211	210	224	396	400	-1.1	11,756	10,699	9.9
Alaska	20	20	23	37	41	-9.0	1,062	1,038	2.3
Colorado	183	196	225	355	404	-12.0	11,399	13,003	-12.3
Illinois	671	674	795	1,265	1,424	-11.2	37,299	38,395	-2.9
Indiana	463	464	542	869	971	-10.4	24,887	24,217	2.8
Kentucky total	518	530	615	983	1,102	-10.8	28,732	29,133	-1.4
Eastern (KY)	225	235	257	432	461	-6.2	12,479	12,332	1.2
Western (KY)	292	294	358	550	641	-14.1	16,253	16,802	-3.3
Louisiana	5	5	6	10	11	-11.2	311	315	-1.3
Maryland	21	23	26	41	46	-10.8	1,326	1,478	-10.3
Mississippi	34	36	48	65	85	-23.3	2,416	3,405	-29.0
Missouri	3	3	3	5	5	6.6	137	78	75.6
Montana	478	511	558	930	1,000	-7.1	28,111	28,790	-2.4
New Mexico	132	133	171	248	306	-19.1	8,525	10,673	-20.1
North Dakota	387	418	543	754	973	-22.5	24,121	27,247	-11.5
Ohio	29	29	40	54	72	-24.6	1,855	2,517	-26.3
Oklahoma	s	s	s	s	s	24.0	2	2	s
Pennsylvania total	762	789	869	1,457	1,556	-6.4	41,891	40,800	2.7
Anthracite (PA)	52	56	59	101	106	-4.1	2,913	2,556	14.0
Bituminous (PA)	710	733	810	1,355	1,451	-6.6	38,978	38,245	1.9
Tennessee	s	.
Texas	226	224	301	420	539	-22.1	14,004	17,360	-19.3
Utah	108	105	164	198	294	-32.6	7,046	10,800	-34.8
Virginia	202	206	242	382	434	-12.0	11,086	11,341	-2.2
West Virginia total	1,556	1,591	1,802	2,960	3,228	-8.3	85,917	85,501	0.5
Northern (WV)	793	825	954	1,518	1,709	-11.2	45,553	47,953	-5.0
Southern (WV)	763	766	848	1,442	1,519	-5.1	40,364	37,549	7.5
Wyoming	3,961	4,102	4,810	7,545	8,615	-12.4	235,636	249,429	-5.5
Appalachian total	3,007	3,082	3,460	5,723	6,198	-7.7	166,311	164,669	1.0
Interior total	1,695	1,701	2,052	3,185	3,676	-13.3	95,309	100,573	-5.2
Western total	5,268	5,484	6,495	10,068	11,633	-13.5	315,902	340,979	-7.4
East of Mississippi River	4,467	4,551	5,203	8,473	9,319	-9.1	247,166	247,488	-0.1
West of Mississippi River	5,502	5,717	6,805	10,503	12,188	-13.8	330,355	358,732	-7.9
Bituminous and lignite	9,918	10,212	11,949	18,874	21,402	-11.8	574,609	603,664	-4.8
Anthracite	52	56	59	101	106	-4.1	2,913	2,556	14.0
U.S. total	9,970	10,268	12,008	18,976	21,507	-11.8	577,521	606,220	-4.7
Railroad cars loaded	58,478	61,747	69,406	112,616	124,313	-9.4	3,403,949	3,496,626	-2.7

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 2

OUTPUT FOR WEEK ENDED - Jan 13, 2024

Jan 18, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 13, 2024** was **82,435** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **174** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 13		52 Weeks Ended January 13	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Period of 2023
New England	2,342	0.9	111,148	-3.6
Mid-Atlantic	7,980	-1.1	403,276	-3.4
Central Industrial	13,278	3.4	636,964	-2.7
West Central	6,738	1.3	337,495	-1.1
Southeast	20,279	3.9	1,009,139	-2.2
South Central	16,229	15.6	868,408	3.5
Rocky Mountain	6,373	13.8	294,344	-0.5
Pacific Northwest	4,165	21.6	159,448	-0.8
Pacific Southwest	5,051	1.4	267,498	-2.3
Total United States	82,435	6.4	4,087,720	-1.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Dec 23	78,483	Dec 24	89,032	-11.8	Dec 23	4,082,269	-1.3
Dec 30	73,371	Dec 31	79,495	-7.7	Dec 30	4,076,145	-1.6
Jan 06	79,691	Jan 07	73,106	9.0	Jan 06	4,082,730	-1.2
Jan 13	82,435	Jan 14	77,445	6.4	Jan 13	4,087,720	-1.0
Jan 13	162,127	Jan 14	150,552	7.7	YEAR TO DATE, FIRST 2 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2024	Week Ended	2023	Week Ended	2022
Dec 23	185	Dec 24	211	Dec 25	182
Dec 30	183	Dec 31	182	Jan 01	160
Jan 06	172	Jan 07	170	Jan 08	179
Jan 13	174	Jan 14	178	Jan 15	176

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	13-Jan 2024 GWh Output	14-Jan 2023 GWh Output	% Increase Over Corresponding Week	13-Jan 2024 GWh Output	14-Jan 2023 GWh Output	% Increase Over Corresponding Week	13-Jan 2024 GWh Output	14-Jan 2023 GWh Output	% Increase Over Corresponding Week
New England	2,342	2,320	0.9%	4,660	4,512	3.3%	111,148	115,306	-3.6%
Mid-Atlantic	7,980	8,069	-1.1%	16,093	15,362	4.8%	403,276	417,306	-3.4%
Central Industrial	13,278	12,839	3.4%	26,189	24,883	5.2%	636,964	654,868	-2.7%
West Central	6,738	6,649	1.3%	13,170	12,982	1.4%	337,495	341,160	-1.1%
Southeast	20,279	19,526	3.9%	40,984	37,378	9.6%	1,009,139	1,032,314	-2.2%
South Central	16,229	14,035	15.6%	31,869	27,507	15.9%	868,408	838,847	3.5%
Rocky Mountain	6,373	5,600	13.8%	11,719	11,072	5.8%	294,344	295,876	-0.5%
Pacific Northwest	4,165	3,426	21.6%	7,598	6,941	9.5%	159,448	160,790	-0.8%
Pacific Southwest	5,051	4,981	1.4%	9,844	9,914	-0.7%	267,498	273,768	-2.3%
Total United States ^{1/}	82,435	77,445	6.4%	162,126	150,551	7.7%	4,087,720	4,130,235	-1.0%
Coal Regions Only ^{2/}	70,877	66,718	6.2%	140,024	129,184	8.4%	3,549,626	3,580,371	-0.9%

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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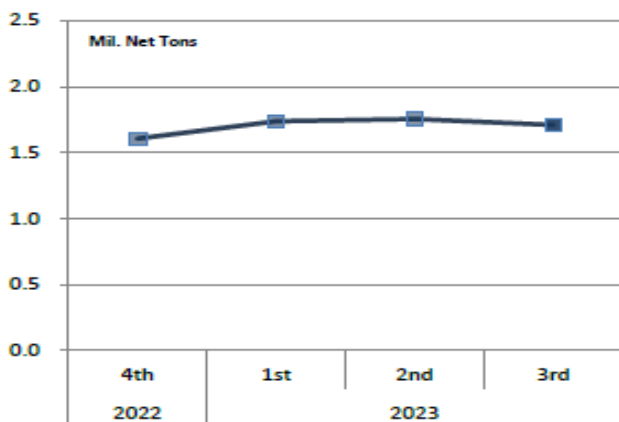
January 16, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

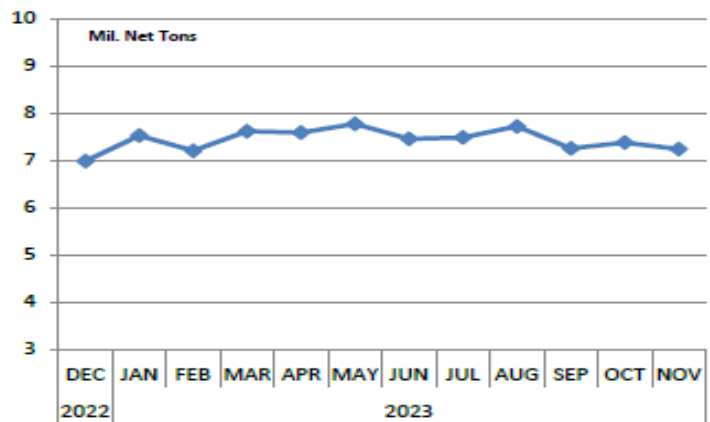
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Jan 13</u>	<u>Jan 6</u>	
<u>Week Ending</u>				North East	123	125
				Great Lakes	553	557
Jan 13, 2024	1,699	-0.5	76.5	Midwest	193	190
Jan 13, 2023	1,697	0.1	75.9	Southern	769	771
Jan 6, 2024	1,707	1.6	76.9	Western	61	64
				Total	1,699	1,707
<u>Year-to-Date +</u>						
Jan 13, 2024	3,162	0.8	76.7			
Jan 13, 2023	3,138	-	75.9			

*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 2, 2024 – Ended January 13, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	213,277	-10.2%	421,453	210,727	-5.0%
Chemicals	33,076	8.5%	62,159	31,080	9.6%
Coal	58,478	-15.7%	120,225	60,113	-9.8%
Farm Products excl. Grain, and Food	16,021	-4.3%	32,383	16,192	1.5%
Forest Products	8,193	1.0%	16,010	8,005	1.7%
Grain	18,776	-29.9%	40,443	20,222	-14.6%
Metallic Ores and Metals	20,756	-6.0%	40,860	20,430	-1.0%
Motor Vehicles and Parts	13,673	-6.2%	23,102	11,551	-12.2%
Nonmetallic Minerals	25,446	-15.1%	49,758	24,879	-11.0%
Petroleum and Petroleum Products	10,374	3.9%	20,312	10,156	6.7%
Other	8,484	-8.3%	16,201	8,101	0.7%
Total Intermodal Units	244,176	1.9%	453,257	226,629	2.7%
Total Traffic	457,453	-4.1%	874,710	437,355	-1.1%

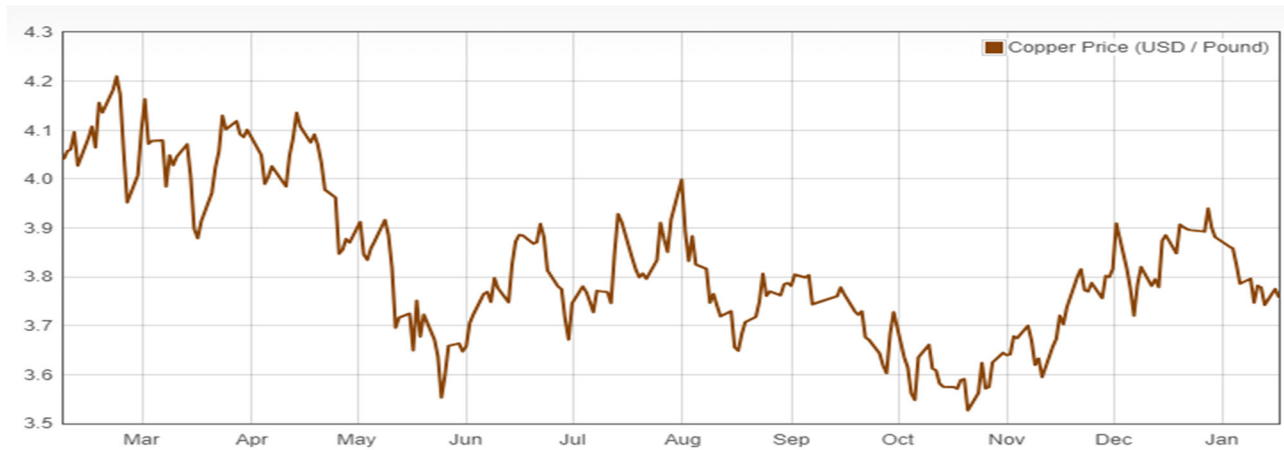
¹ Excludes U.S. operations of CPKC, CN and GMXT.

² Average per week figures may not sum to totals as a result of independent rounding.

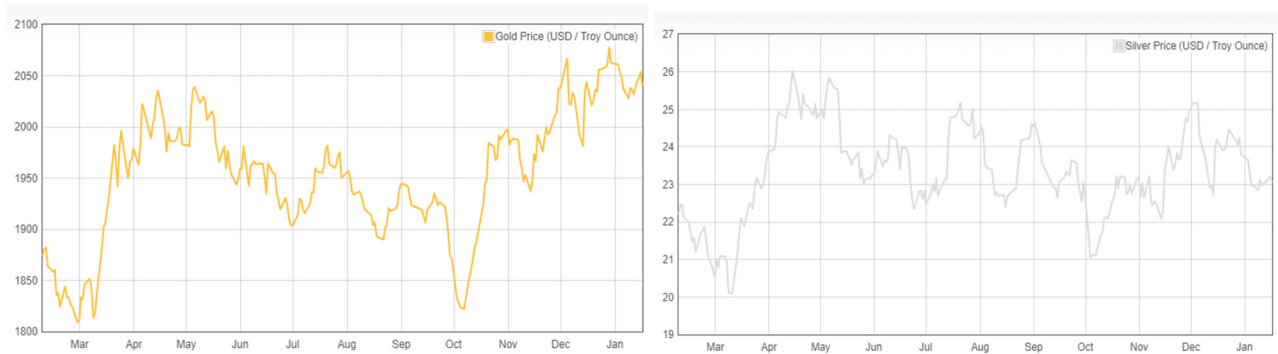
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

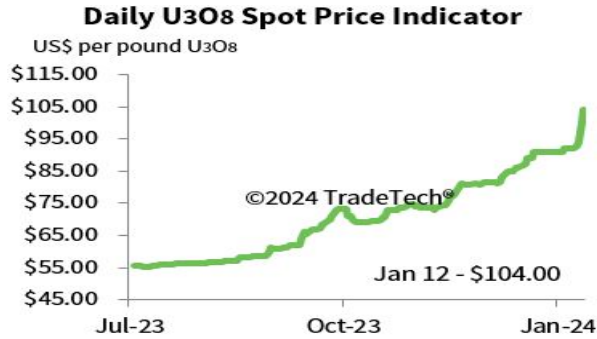


Gold and Silver Prices:



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

Trade Tech’s and UX’s Uranium Price Indicators



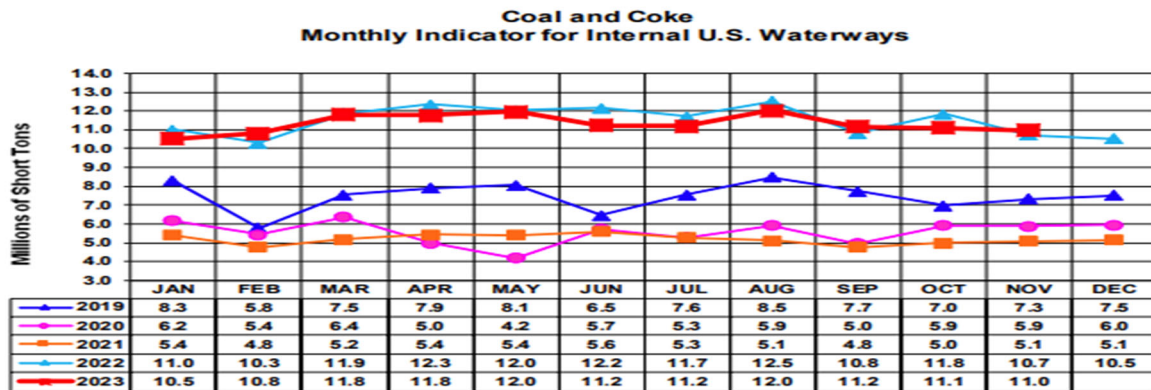
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

Zone	Coal	October 2023		October 2022			September 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	2,211	254	2,200	365	0.5%	2,163	279	2.2%
	Subbituminous								
South	Bituminous	19,586	143	14,754	115	32.8%	17,603	136	11.3%
	Subbituminous	6,131	106	3,611	65	69.8%	5,594	105	9.6%
Midwest	Bituminous	13,003	141	8,290	90	56.8%	12,737	146	2.1%
	Subbituminous	30,663	160	20,652	116	48.5%	29,159	156	5.2%
West	Bituminous	2,634	169	2,681	155	-1.7%	2,647	150	-0.5%
	Subbituminous	31,412	183	17,554	101	78.9%	29,320	166	7.1%
U.S. Total	Bituminous	37,433	147	27,924	112	34.1%	35,150	143	6.5%
	Subbituminous	68,205	161	41,817	103	63.1%	64,073	152	6.4%

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

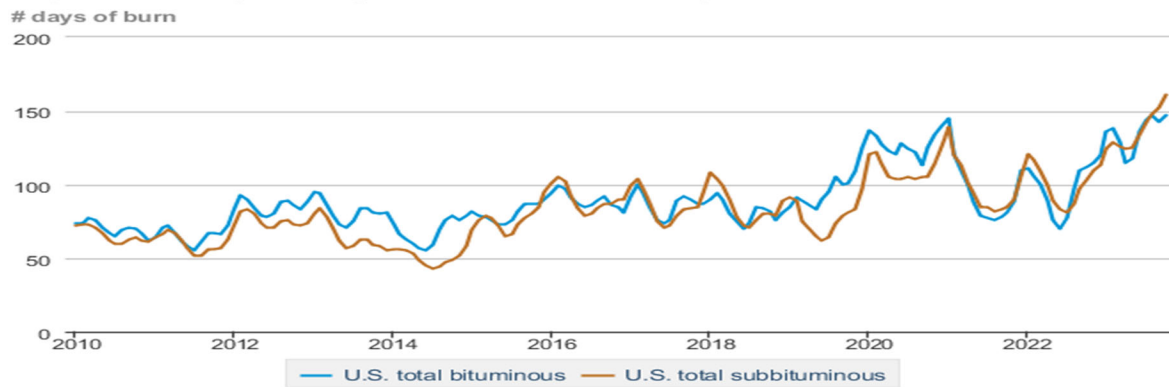
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	12/15/23	12/22/23	12/29/23	01/05/24	01/12/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$76.30	\$76.30	\$78.65	\$81.05	\$81.05	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$50.00	\$50.00	\$51.55	\$53.15	\$53.15	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$44.25	\$44.25	\$44.25	\$44.25	\$44.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$14.00	\$14.00	\$13.95	\$13.90	\$13.90	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$28.40	\$28.40	\$28.30	\$28.20	\$28.20	\$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 - October 2023



eia Data source: U.S. Energy Information Administration

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

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

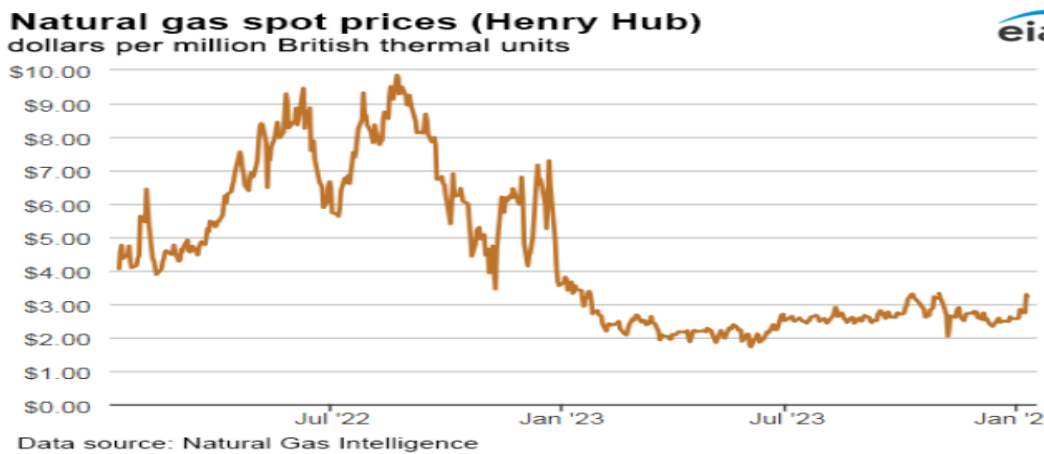
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	211	-53	42	0	0	0
Middle Atlantic	210	-43	68	0	0	0
E N Central	231	-57	69	0	0	0
W N Central	251	-61	33	0	0	0
South Atlantic	171	-7	86	0	-7	-11
E S Central	191	6	130	0	-1	-1
W S Central	145	7	90	0	-2	-8
Mountain	216	-20	-9	0	0	0
Pacific	119	-6	-11	0	0	0
United States	192	-29	52	0	-2	-3

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

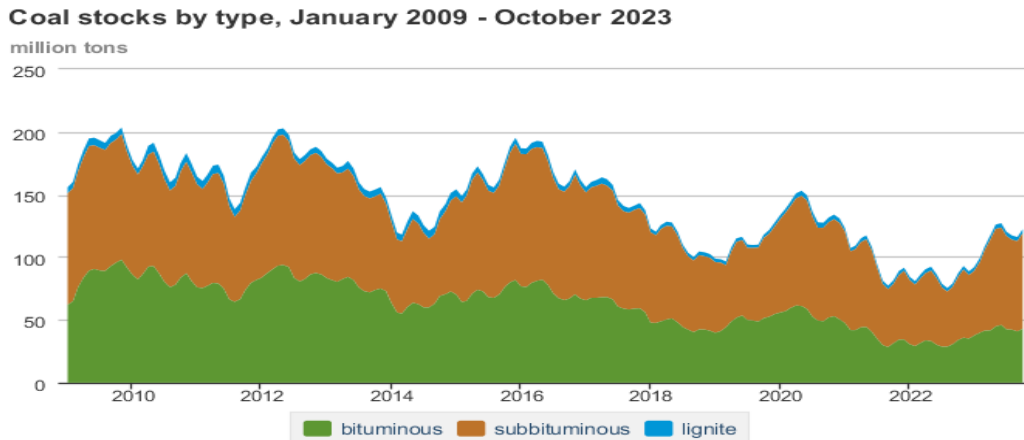
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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)	1/15/24	\$13.21
Copper Spot Price (\$/lb)	1/16/24	\$3.75
Gold Spot Price (\$/ounce)	1/16/24	\$2,024.80
Lead Spot Price (\$/lb)	1/15/24	\$0.94
Lithium Spot Price (\$/kg)	1/16/24	\$13.28
Molybdenum Spot Price (\$/kg)	1/15/24	\$43.00
Nickel Spot Price (\$/lb)	1/15/24	\$7.24
Silver Spot Price (\$/ounce)	1/16/24	\$22.88
Steel HRC Price (\$/mt)	1/16/24	\$922.73
Steel Rebar Price (\$/mt)	1/16/24	\$534.93
Zinc Spot Price (\$/lb)	1/16/24	\$1.15
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	1/16/24	\$318.00
Coal Spot Price - Central Appalachian (\$/st)	1/12/24	\$81.05
Coal Spot Price - Newcastle futures (\$/mt)	1/16/24	\$127.40
Coal Spot Price - Rotterdam futures (\$/mt)	1/16/24	\$107.75
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	1/10/23	\$3.23
Uranium Spot Price (\$/lb)	1/8/24	\$92.50

Sources: publicly 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)		
	2024-01-05	2023-12-29	change
East	757	799	-42
Midwest	924	968	-44
Mountain	220	228	-8
Pacific	275	280	-5
South Central	1,160	1,201	-41
Total	3,336	3,476	-140

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		
	January 2024	February 2024	change	January 2024	February 2024	change
Anadarko	712	713	1	4,775	4,895	120
Appalachia	222	223	1	26,571	26,669	98
Bakken	1,833	1,842	9	2,746	2,759	13
Eagle Ford	1,629	1,634	5	6,004	6,010	6
Haynesville	15	15	-	13,517	13,544	27
Niobrara	1,484	1,486	2	4,434	4,479	45
Permian	1,332	1,345	13	2,488	2,499	11
Rig-weighted average	1,168	1,163	(5)	5,755	5,877	122

Source: Energy Information Administration, [Drilling Productivity Report](#)

USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - October 2023	Oct-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	502	6,080
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	541	4,400
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	18.10	14.85

Source: USGS, Mineral Industry Survey, Cobalt in October 2023, December 2024

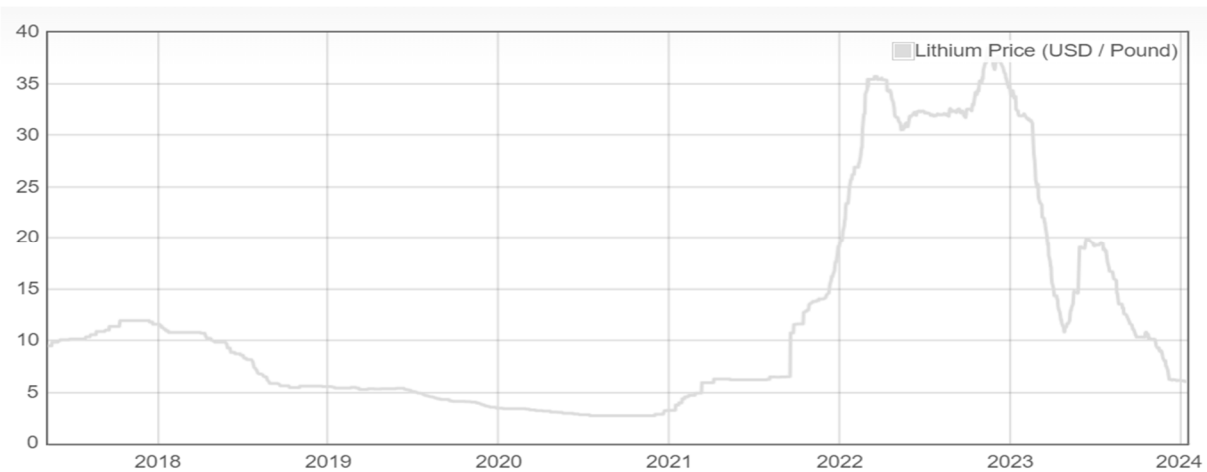
Cobalt and Lithium Prices

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>