



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

September 6, 2024 Edition
(Data for Week Ending August 31, 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		
	8/31/24	9/02/23	% Chg	8/31/24	8/31/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,466	11,413	-8.3%	334,959	388,443	-13.8%
52 Weeks Ended	521,230	596,133	-12.6%			
AAR Coal Rail Cars Loaded:	62,624	68,598	-8.7%	1,930,212	2,277,273	-15.2%
EIA Coal Production	Jul 24/23		% Chg	Jan - Jul 24/23		% Chg
Month Ended - July	41,658	50,627	-17.7%	281,744	337,816	-16.6%

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

	July 24/23		% Chg	Jan - July 24/23		% Chg
Coal Exports:						
Metallurgical	4,354	4,090	6.5%	32,440	29,104	11.5%
Steam Bit. *	4,312	3,004	43.5%	28,419	26,292	8.1%
Lignite	5	11	-54.5%	53	63	-15.9%
Anthracite	94	45	108.9%	488	445	9.7%
Total	8,765	7,150	22.6%	61,400	55,904	9.8%
Coal Imports:	185	326	-43.3%	1,050	2,360	-55.5%

	Week Ended			Cumulative Week 1 to		
	8/31/24	9/02/23	% Chg	8/31/24	9/02/23	% Chg
EEl Electric Total Output (Mil. Kwh)	92,863	87,392	6.3%	2,870,452	2,797,776	2.6%
EEl Coal Region Output (Mil. Kwh)	81,878	76,358	7.2%	2,501,402	2,432,970	2.8%
AISI Raw Steel Output (000 Tons)	1,760	1,742	1.0%	59,338	60,560	-2.0%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	8/30/24	8/23/24	% Chg	Wed.	8/28/24
Central App, 12,500 Btu, 1.2 SO ₂	\$77.30	\$77.30	0.0%	Henry Hub	1.89
Northern App, 13,000 Btu, < 3.0 SO ₂	49.50	49.50	0.0%	New York	1.43
Illinois Basin, 11,800, 5.0 SO ₂	42.50	42.50	0.0%	Chicago	1.52
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.90	13.90	0.0%	Cal.Comp.Avg.	1.66

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		
	8/31/2024 (week 35)	8/24/2024 (week 34)	9/2/2023 (week 35)	8/31/2024	8/31/2023	% Change	8/31/2024	9/2/2023	% Change
Alabama	291	272	254	9,682	7,812	24.0	13,843	11,521	20.2
Alaska	18	18	20	673	693	-2.9	983	1,082	-9.1
Colorado	262	261	223	8,670	7,787	11.3	13,191	12,125	8.8
Illinois	684	642	665	23,771	25,279	-6.0	35,335	37,897	-6.8
Indiana	397	384	449	13,761	16,515	-16.7	20,902	25,224	-17.1
Kentucky total	493	475	539	16,934	19,490	-13.1	25,505	29,472	-13.5
Eastern (KY)	211	208	234	7,139	8,490	-15.9	10,862	12,800	-15.1
Western (KY)	282	267	305	9,795	11,000	-11.0	14,643	16,673	-12.2
Louisiana	6	5	7	170	203	-15.9	255	316	-19.3
Maryland	24	22	26	847	868	-2.4	1,246	1,394	-10.6
Mississippi	48	48	50	1,257	1,615	-22.1	2,314	2,741	-15.6
Missouri	3	3	3	102	94	8.4	147	124	18.5
Montana	546	556	556	17,115	19,294	-11.3	26,737	28,776	-7.1
New Mexico	120	129	177	4,676	5,833	-19.8	6,781	9,303	-27.1
North Dakota	464	415	474	16,218	16,293	-0.5	23,879	25,348	-5.8
Ohio	33	29	37	1,203	1,274	-5.6	1,761	2,075	-15.1
Oklahoma	s	s	s	s	1	-56.7	1	2	-50.0
Pennsylvania total	809	835	815	26,447	28,187	-6.2	40,750	42,271	-3.6
Anthracite (PA)	68	69	67	2,158	1,888	14.3	3,168	2,813	12.6
Bituminous (PA)	741	766	748	24,289	26,298	-7.6	37,583	39,458	-4.8
Texas	235	222	291	7,102	9,169	-22.6	11,665	15,368	-24.1
Utah	112	99	139	3,775	4,797	-21.3	5,859	8,107	-27.7
Virginia	169	159	188	6,162	7,481	-17.6	9,252	11,530	-19.8
West Virginia total	1,531	1,472	1,596	53,229	58,336	-8.8	79,193	87,344	-9.3
Northern (WV)	771	731	836	26,633	30,872	-13.7	40,219	47,278	-14.9
Southern (WV)	760	741	760	26,596	27,464	-3.2	38,974	40,065	-2.7
Wyoming	4,219	4,287	4,905	123,163	157,423	-21.8	201,629	244,114	-17.4
Appalachian total	3,069	2,997	3,150	104,710	112,448	-6.9	156,907	168,934	-7.1
Interior total	1,654	1,570	1,770	55,959	63,876	-12.4	85,262	98,344	-13.3
Western total	5,743	5,764	6,493	174,290	212,120	-17.8	279,060	328,855	-15.1
East of Mississippi River	4,480	4,337	4,619	153,294	166,856	-8.1	230,102	251,468	-8.5
West of Mississippi River	5,986	5,995	6,794	181,664	221,587	-18.0	291,128	344,664	-15.5
Bituminous and lignite	10,398	10,263	11,346	332,801	386,555	-13.9	518,062	593,320	-12.7
Anthracite	68	69	67	2,158	1,888	14.3	3,168	2,813	12.6
U.S. total	10,466	10,332	11,413	334,959	388,443	-13.8	521,230	596,133	-12.6
Railroad cars loaded	62,624	62,543	68,598	1,930,212	2,277,273	-15.2	3,058,402	3,491,455	-12.4

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 35

OUTPUT FOR WEEK ENDED - Aug 31, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Aug 31, 2024** was **92,863** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 31		52 Weeks Ended August 31	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,281	5.29 %	113,526	2.54 %
Mid-Atlantic	9,189	10.20 %	414,923	3.16 %
Central Industrial	15,549	26.23 %	649,443	1.89 %
West Central	7,841	10.46 %	333,060	-1.64 %
Southeast	22,954	3.25 %	1,029,877	2.18 %
South Central	19,826	1.31 %	879,916	3.28 %
Rocky Mountain	6,519	-4.16 %	299,997	1.85 %
Pacific Northwest	2,658	1.81 %	159,063	-1.26 %
Pacific Southwest	6,046	-3.37 %	269,015	-0.60 %
Total United States	92,863	6.26 %	4,148,821	1.81 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Aug 10	95,115	Aug 12	92,749	2.55 %	Aug 10	4,150,379	2.16 %
Aug 17	92,551	Aug 19	92,153	0.43 %	Aug 17	4,150,777	2.03 %
Aug 24	88,308	Aug 26	95,735	-7.76 %	Aug 24	4,143,350	1.65 %
Aug 31	92,863	Sep 02	87,392	6.26 %	Aug 31	4,148,821	1.81 %
Aug 31	2,870,452	Sep 02	2,797,776	2.60 %	YEAR TO DATE, FIRST 35 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	31-Aug 2024 GWh Output	2-Sep 2023 GWh Output	% Increase Over Corresponding Week	31-Aug 2024 GWh Output	2-Sep 2023 GWh Output	% Increase Over Corresponding Week	31-Aug 2024 GWh Output	2-Sep 2023 GWh Output	% Increase Over Corresponding Week
New England	2,281	2,167	5.3%	77,695	75,171	3.4%	113,526	110,704	2.5%
Mid-Atlantic	9,189	8,338	10.2%	287,808	275,429	4.5%	414,923	402,198	3.2%
Central Industrial	15,549	12,318	26.2%	452,276	438,491	3.1%	649,443	637,396	1.9%
West Central	7,841	7,099	10.5%	227,354	231,601	-1.8%	333,060	338,600	-1.6%
Southeast	22,954	22,232	3.2%	716,916	692,573	3.5%	1,029,877	1,007,935	2.2%
South Central	19,826	19,569	1.3%	611,100	595,231	2.7%	879,916	851,971	3.3%
Rocky Mountain	6,519	6,802	-4.2%	205,947	199,646	3.2%	299,997	294,538	1.9%
Pacific Northwest	2,658	2,610	1.8%	108,811	108,542	0.2%	159,063	161,096	-1.3%
Pacific Southwest	6,046	6,257	-3.4%	182,541	181,093	0.8%	269,015	270,645	-0.6%
Total United States ^{1/}	92,863	87,392	6.3%	2,870,449	2,797,776	2.6%	4,148,820	4,075,083	1.8%
Coal Regions Only ^{2/}	81,878	76,358	7.2%	2,501,402	2,432,970	2.8%	3,607,216	3,532,638	2.1%

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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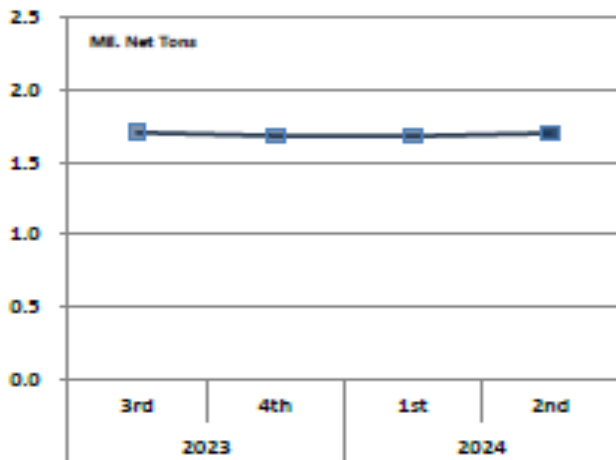
September 3, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

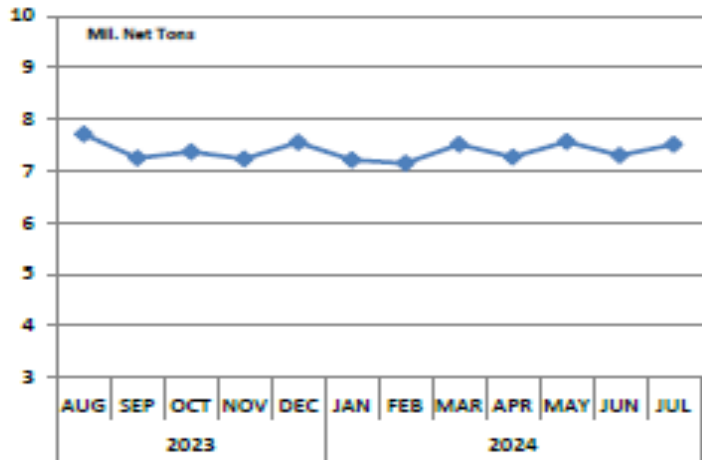
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Aug 31</u>	<u>Aug 24</u>	
<u>Week Ending</u>				North East	125	128
				Great Lakes	602	596
Aug 31, 2024	1,760	-1.2	79.2	Midwest	212	220
Aug 31, 2023	1,742	1.0	76.6	Southern	760	774
Aug 24, 2024	1,782	1.6	80.2	Western	61	64
				Total	1,760	1,782
<u>Year-to-Date +</u>						
Aug 31, 2024	59,338	-2.0	76.6			
Aug 31, 2023	60,560	-	77.2			

*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 35, 2024 – Ended August 31, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	233,278	1.0%	7,557,821	215,938	-3.6%
Chemicals	33,339	1.2%	1,136,259	32,465	4.2%
Coal	62,624	-8.1%	1,933,406	55,240	-15.4%
Farm Products excl. Grain, and Food	16,691	3.4%	575,562	16,445	2.2%
Forest Products	8,525	2.0%	290,613	8,303	2.1%
Grain	20,494	36.6%	692,745	19,793	9.2%
Metallic Ores and Metals	21,616	-6.4%	701,615	20,046	-3.1%
Motor Vehicles and Parts	17,221	7.1%	528,711	15,106	2.1%
Nonmetallic Minerals	32,156	-0.5%	1,032,176	29,491	-7.2%
Petroleum and Petroleum Products	11,412	13.6%	363,282	10,379	10.7%
Other	9,200	3.3%	303,452	8,670	1.5%
Total Intermodal Units	283,354	15.3%	9,094,439	259,841	9.3%
Total Traffic	516,632	8.4%	16,652,260	475,779	3.1%

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:

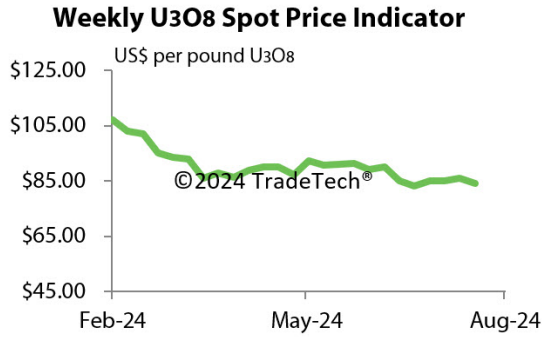


Gold and Silver Prices:



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)

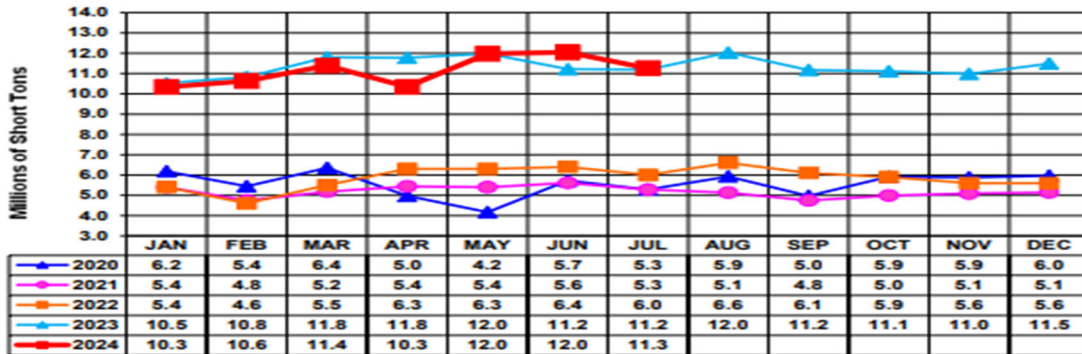
Zone	Coal	June 2024		June 2023			May 2024		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	2,145	223	3,046	365	-29.6%	2,273	251	-5.6%
	Subbituminous								
South	Bituminous	20,821	145	20,830	127	-0.0%	22,313	123	-6.7%
	Subbituminous	6,832	87	6,123	79	11.6%	7,102	91	-3.8%
Midwest	Bituminous	12,045	124	12,680	117	-5.0%	12,411	121	-3.0%
	Subbituminous	35,232	132	32,099	146	9.8%	36,227	125	-2.7%
West	Bituminous	3,690	180	3,238	152	14.0%	3,726	185	-1.0%
	Subbituminous	32,517	134	30,634	141	6.1%	33,714	133	-3.6%
U.S. Total	Bituminous	38,700	145	39,795	136	-2.7%	40,724	134	-5.0%
	Subbituminous	74,582	127	68,857	134	8.3%	77,044	123	-3.2%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

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

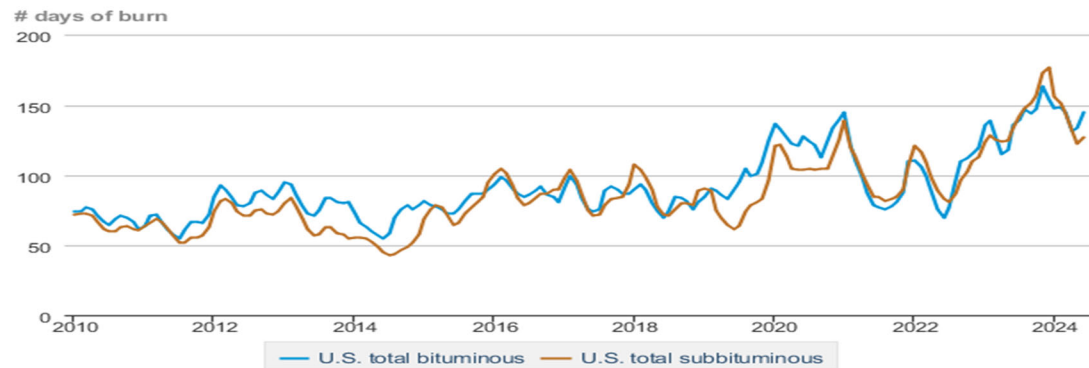
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	08/02/24	08/09/24	08/16/24	08/23/24	08/30/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.00	\$75.00	\$75.00	\$77.30	\$77.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$47.00	\$48.00	\$48.00	\$49.50	\$49.50	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$43.50	\$42.50	\$42.50	\$42.50	\$42.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$14.00	\$13.95	\$13.95	\$13.90	\$13.90	\$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 - June 2024



Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Aug 22)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	10	5	6	16	-14	-9
Middle Atlantic	6	3	3	33	-11	-4
E N Central	13	7	8	28	-14	-16
W N Central	4	-3	2	48	-8	-33
South Atlantic	2	2	2	80	-7	-12
E S Central	2	2	2	80	-4	-13
W S Central	0	0	0	142	23	-10
Mountain	0	-9	-1	78	10	11
Pacific	2	-2	0	46	3	2
United States	5	1	3	61	-4	-9

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

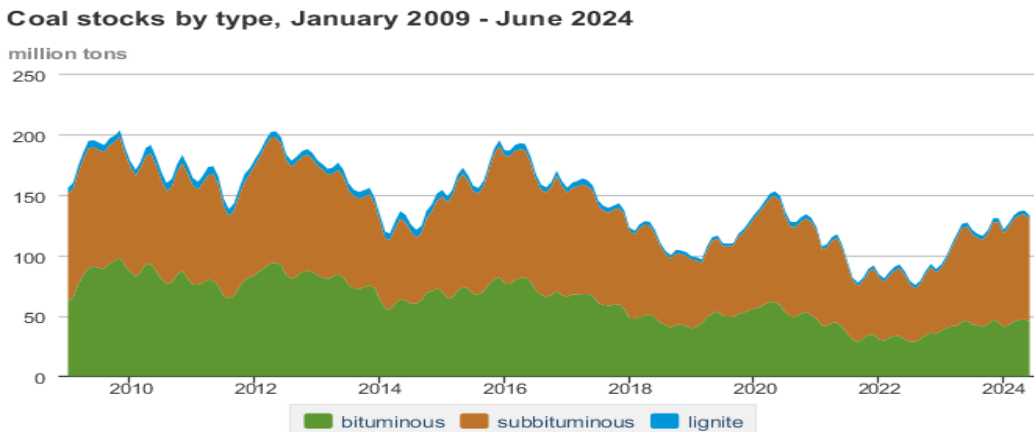
Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2024 Year to Date - 1st Quarter	2023 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	230.0	223.0	3%
Cement (Mil. Mt.)	17.1	18.1	-6%
Copper (000 Mt.)	329.0	270.0	22%
Gold (Mt.)	44.2	38.3	15%
Gypsum (Mil. Mt.)	4.7	4.7	0%
Iron Ore (Mil. Mt.)	10.9	9.8	11%
Lead (000 Mt.)	62.0	67.7	-8%
Molybdenum (000 Mt.)	9.0	8.1	11%
Palladium (Mt.)	2.9	2.4	21%
Phosphate rock (Mil. Mt.)	4.8	4.5	7%
Platinum (Mt.)	0.9	0.7	29%
Sand & gravel, construction (Mil. Mt.)	163.0	167.0	-2%
Silver (Mt.)	263.0	269.0	-2%
Soda ash (Mil. Mt.)	3.0	2.6	15%
Stone, crushed (Mil. Mt.)	292.0	306.0	-5%
Zinc (000 Mt.)	190.0	179.0	6%

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: 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)	9/2/24	\$11.02
Copper Spot Price (\$/lb)	9/3/24	\$4.02
Gold Spot Price (\$/ounce)	9/3/24	\$2,489.48
Lead Spot Price (\$/lb)	9/3/24	\$0.93
Lithium Spot Price (\$/kg)	9/2/24	\$10.52
Molybdenum Spot Price (\$/kg)	9/3/24	\$67.72
Nickel Spot Price (\$/lb)	9/3/24	\$7.48
Silver Spot Price (\$/ounce)	9/3/24	\$27.98
Steel HRC Price (\$/mt)	9/3/24	\$697.22
Steel Rebar Price (\$/mt)	9/3/24	\$427.43
Zinc Spot Price (\$/lb)	9/3/24	\$1.29
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	9/3/24	\$200.00
Coal Spot Price - Central Appalachian (\$/st)	8/30/24	\$77.30
Coal Spot Price - Newcastle futures (\$/mt)	9/3/24	\$141.97
Coal Spot Price - Rotterdam futures (\$/mt)	9/3/24	\$114.25
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	8/28/24	\$1.89
Uranium Spot Price (\$/lb)	8/30/24	\$79.25

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)		
	2024-08-23	2024-08-16	change
East	754	735	19
Midwest	909	888	21
Mountain	266	263	3
Pacific	287	288	-1
South Central	1,119	1,125	-6
Total	3,334	3,299	35

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					
	May 2024	June 2024	change	May 2024	June 2024	change			
Anadarko	717	719	2	4,840	4,875	35			
Appalachia	239	241	2	28,465	28,643	178			
Bakken	1,745	1,747	2	2,660	2,663	3			
Eagle Ford	1,635	1,639	4	6,059	6,065	6			
Haynesville	14	14	-	13,453	13,487	34			
Niobrara	1,496	1,498	2	4,622	4,678	56			
Permian	1,386	1,400	14	2,536	2,547	11			
Rig-weighted average	1,199	1,222	23	5,964	5,831	(133)			

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt -June 2024	Jun-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	638	4,730
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	393	2,410
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	16.79	12.05

Source: USGS, Mineral Industry Survey, Cobalt in June 2024, August 2024

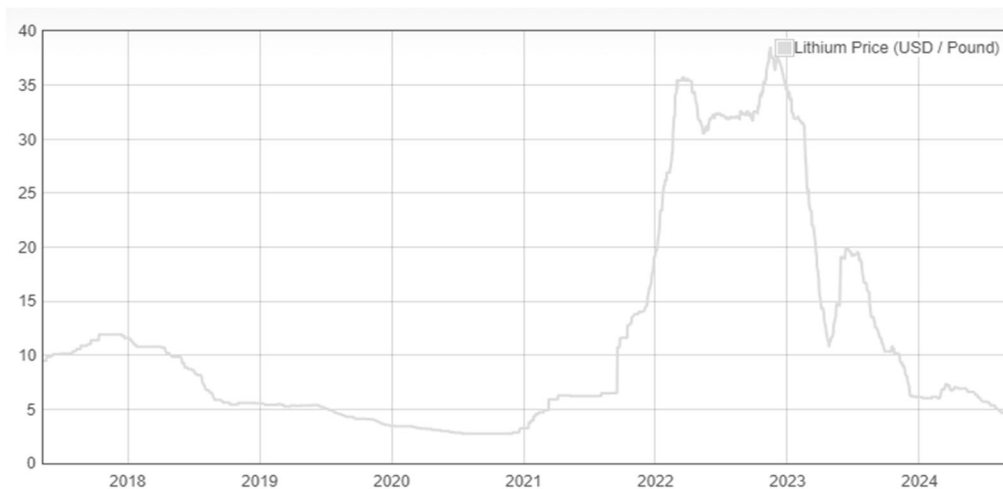
Cobalt and Lithium Prices

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>