



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

August 2, 2024 Edition
(Data for Week Ending July 27, 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		
	7/27/24	7/29/23	% Chg	7/27/24	7/27/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,144	11,299	-10.2%	276,189	331,751	-16.7%
52 Weeks Ended	519,184	599,019	-13.3%			
AAR Coal Rail Cars Loaded:	61,382	67,915	-9.6%	1,622,843	1,936,513	-16.2%
EIA Coal Production	Jun 24/23		% Chg	Jan - Jun 24/23		% Chg
Month Ended - June	40,352	46,520	-13.3%	240,085	291,044	-17.5%

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

	May 24/23		% Chg	Jan - May 24/23		% Chg
Coal Exports:						
Metallurgical	4,407	4,690	-6.0%	22,180	21,091	5.2%
Steam Bit. *	4,498	3,881	15.9%	20,071	19,248	4.3%
Lignite	7	9	-22.2%	42	43	-2.3%
Anthracite	<u>31</u>	<u>116</u>	-73.3%	<u>326</u>	<u>364</u>	-10.4%
Total	8,943	8,696	2.8%	42,619	40,746	4.6%
Coal Imports:	94	426	-73.8%	422	1,447	-71.3%

	Week Ended			Cumulative Week 1 to		
	7/27/24	7/29/23	% Chg	7/27/24	7/29/23	% Chg
EI Electric Total Output (Mil. Kwh)	91,383	97,452	-6.2%	2,403,151	2,334,411	2.9%
EI Coal Region Output (Mil. Kwh)	79,083	85,191	-7.2%	2,091,528	2,026,141	3.2%
AISI Raw Steel Output (000 Tons)	1,729	1,689	2.4%	50,772	51,880	-2.1%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	7/26/24	7/19/24	% Chg	Wed.	7/24/24
Central App, 12,500 Btu, 1.2 SO ₂	\$75.00	\$74.00	1.4%	Henry Hub	2.03
Northern App, 13,000 Btu, < 3.0 SO ₂	47.00	46.00	2.2%	New York	1.51
Illinois Basin, 11,800, 5.0 SO ₂	43.50	41.00	6.1%	Chicago	1.78
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.00	13.90	0.7%	Cal.Comp.Avg.	2.84

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		
	7/27/2024 (week 30)	7/20/2024 (week 29)	7/29/2023 (week 30)	7/27/2024	7/27/2023	% Change	7/27/2024	7/29/2023	% Change
Alabama	266	255	251	7,196	6,552	9.8	12,617	11,349	11.2
Alaska	18	17	20	559	593	-5.7	969	1,074	-9.8
Colorado	242	222	220	6,673	6,682	-0.1	12,301	12,352	-0.4
Illinois	647	617	659	19,315	21,975	-12.1	34,186	38,145	-10.4
Indiana	384	363	444	11,241	14,286	-21.3	20,613	25,326	-18.6
Kentucky total	473	447	532	13,660	16,804	-18.7	24,867	29,531	-15.8
Eastern (KY)	207	194	230	5,791	7,321	-20.9	10,633	12,791	-16.9
Western (KY)	267	253	302	7,869	9,483	-17.0	14,234	16,740	-15.0
Louisiana	5	5	7	143	167	-14.5	263	312	-15.7
Maryland	23	22	26	666	738	-9.8	1,194	1,408	-15.2
Mississippi	43	40	49	837	1,367	-38.8	2,141	2,845	-24.7
Missouri	3	3	3	82	81	1.3	140	116	20.7
Montana	543	507	550	14,264	16,533	-13.7	26,649	28,880	-7.7
New Mexico	123	105	175	3,657	4,956	-26.2	6,640	9,571	-30.6
North Dakota	407	386	469	12,454	13,938	-10.7	22,471	25,863	-13.1
Ohio	30	28	37	903	1,090	-17.1	1,646	2,112	-22.1
Oklahoma	s	s	s	1	1	-28.8	2	2	s
Pennsylvania total	804	752	807	21,470	24,139	-11.1	39,823	41,837	-4.8
Anthracite (PA)	66	62	66	1,636	1,556	5.2	2,979	2,720	9.5
Bituminous (PA)	738	689	740	19,834	22,584	-12.2	36,844	39,116	-5.8
Texas	219	212	288	5,790	7,724	-25.0	11,800	15,607	-24.4
Utah	100	97	137	3,328	4,108	-19.0	6,102	8,546	-28.6
Virginia	159	148	186	4,814	6,547	-26.5	8,839	11,734	-24.7
West Virginia total	1,470	1,380	1,582	42,105	50,414	-16.5	76,045	87,576	-13.2
Northern (WV)	730	685	828	20,981	26,717	-21.5	38,723	47,814	-19.0
Southern (WV)	740	695	754	21,124	23,697	-10.9	37,322	39,762	-6.1
Wyoming	4,186	3,969	4,856	107,031	133,057	-19.6	209,875	244,833	-14.3
Appalachian total	2,958	2,779	3,118	82,945	96,801	-14.3	150,798	168,806	-10.7
Interior total	1,568	1,492	1,752	45,277	55,083	-17.8	83,378	99,094	-15.9
Western total	5,618	5,302	6,428	147,967	179,867	-17.7	285,008	331,119	-13.9
East of Mississippi River	4,299	4,050	4,573	122,208	143,912	-15.1	221,972	251,862	-11.9
West of Mississippi River	5,846	5,522	6,726	153,982	187,840	-18.0	297,212	347,157	-14.4
Bituminous and lignite	10,078	9,510	11,233	274,553	330,196	-16.9	516,205	596,299	-13.4
Anthracite	66	62	66	1,636	1,556	5.2	2,979	2,720	9.5
U.S. total	10,144	9,573	11,299	276,189	331,752	-16.7	519,184	599,019	-13.3
Railroad cars loaded	61,382	57,906	67,915	1,622,843	1,936,513	-16.2	3,091,982	3,496,810	-11.6

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 30

OUTPUT FOR WEEK ENDED - Jul 27, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jul 27, 2024** was **91,383** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 27		52 Weeks Ended July 27	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,506	-9.03 %	112,853	0.24 %
Mid-Atlantic	9,424	-6.44 %	413,396	1.80 %
Central Industrial	13,817	-7.82 %	646,812	1.40 %
West Central	7,253	-10.91 %	333,669	-1.20 %
Southeast	22,467	-3.80 %	1,030,967	2.74 %
South Central	18,627	-11.35 %	880,762	5.26 %
Rocky Mountain	7,494	-1.67 %	298,568	1.65 %
Pacific Northwest	2,889	1.39 %	159,033	-1.62 %
Pacific Southwest	6,905	3.72 %	268,825	-1.36 %
Total United States	91,383	-6.23 %	4,144,884	2.03 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
Jul 06	92,792	Jul 08	90,167	2.91 %	Jul 06	4,146,741	2.12 %
Jul 13	97,089	Jul 15	94,718	2.50 %	Jul 13	4,149,112	2.13 %
Jul 20	97,296	Jul 22	95,454	1.93 %	Jul 20	4,150,953	2.27 %
Jul 27	91,383	Jul 29	97,452	-6.23 %	Jul 27	4,144,884	2.03 %
Jul 27	2,403,151	Jul 29	2,334,411	2.94 %	YEAR TO DATE, FIRST 30 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	27-Jul 2024 GWh Output	29-Jul 2023 GWh Output	% Increase Over Corresponding Week	27-Jul 2024 GWh Output	29-Jul 2023 GWh Output	% Increase Over Corresponding Week	27-Jul 2024 GWh Output	29-Jul 2023 GWh Output	% Increase Over Corresponding Week
New England	2,506	2,754	-9.0%	65,657	63,804	2.9%	112,853	112,578	0.2%
Mid-Atlantic	9,424	10,072	-6.4%	241,695	230,846	4.7%	413,396	406,103	1.8%
Central Industrial	13,817	14,990	-7.8%	381,718	370,564	3.0%	646,812	637,879	1.4%
West Central	7,253	8,141	-10.9%	190,661	194,298	-1.9%	333,669	337,726	-1.2%
Southeast	22,467	23,355	-3.8%	602,915	577,482	4.4%	1,030,966	1,003,511	2.7%
South Central	18,627	21,012	-11.3%	503,978	487,264	3.4%	880,762	836,756	5.3%
Rocky Mountain	7,494	7,621	-1.7%	170,560	165,688	2.9%	298,568	293,718	1.7%
Pacific Northwest	2,889	2,850	1.4%	94,925	94,686	0.3%	159,033	161,644	-1.6%
Pacific Southwest	6,905	6,657	3.7%	151,038	149,780	0.8%	268,825	272,529	-1.4%
Total United States ^{1/}	<u>91,383</u>	<u>97,452</u>	-6.2%	<u>2,403,148</u>	<u>2,334,411</u>	<u>2.9%</u>	<u>4,144,884</u>	<u>4,062,444</u>	<u>2.0%</u>
Coal Regions Only ^{2/}	79,083	85,191	-7.2%	2,091,528	2,026,141	3.2%	3,604,173	3,515,693	2.5%

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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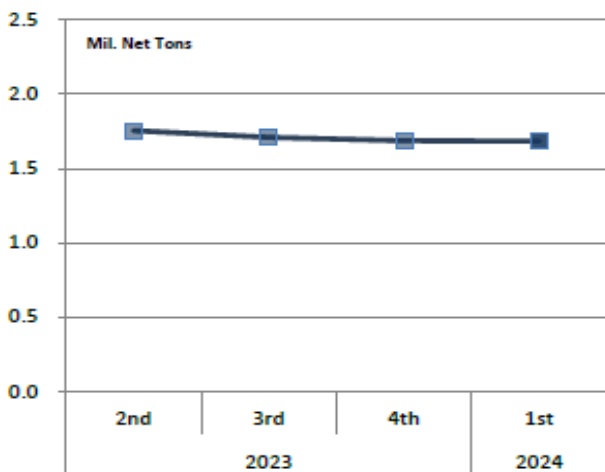
July 29, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

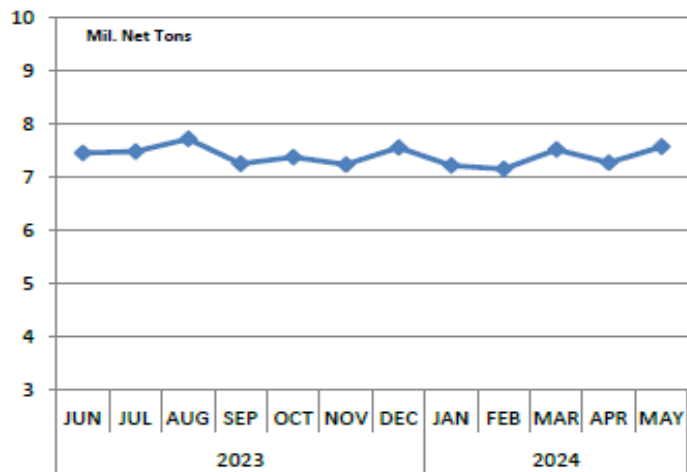
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>July 27</u>	<u>July 20</u>	
<u>Week Ending</u>				North East	131	128
				Great Lakes	571	577
July 27, 2024	1,729	-0.6	77.9	Midwest	217	224
July 27, 2023	1,689	2.4	74.3	Southern	741	748
July 20, 2024	1,739	0.2	78.3	Western	69	62
				Total	1,729	1,739
<u>Year-to-Date +</u>						
July 27, 2024	50,772	-2.1	76.6			
July 27, 2023	51,880	-	77.3			

*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 30, 2024 – Ended July 27, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	228,845	-0.5%	6,422,997	214,100	-4.2%
Chemicals	33,009	-0.1%	971,342	32,378	3.9%
Coal	61,382	-9.1%	1,626,036	54,201	-16.4%
Farm Products excl. Grain, and Food	16,811	9.5%	495,121	16,504	2.1%
Forest Products	8,360	5.3%	249,586	8,320	1.8%
Grain	20,665	37.9%	596,262	19,875	6.5%
Metallic Ores and Metals	21,455	-2.7%	597,540	19,918	-3.0%
Motor Vehicles and Parts	14,848	-3.3%	448,218	14,941	2.0%
Nonmetallic Minerals	33,264	-3.8%	872,071	29,069	-7.9%
Petroleum and Petroleum Products	10,027	-1.7%	308,402	10,280	10.4%
Other	9,024	0.8%	258,419	8,614	1.2%
Total Intermodal Units	279,651	10.5%	7,683,689	256,123	8.5%
Total Traffic	508,496	5.3%	14,106,686	470,223	2.3%

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.

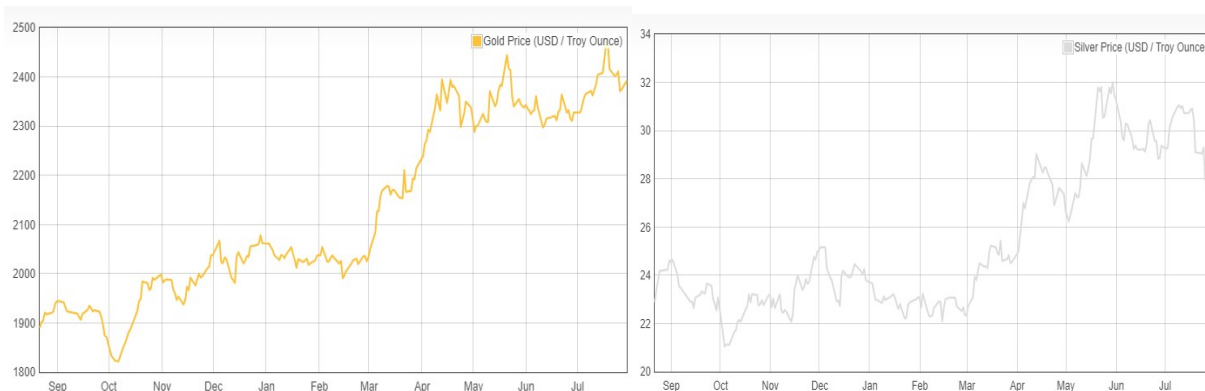
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

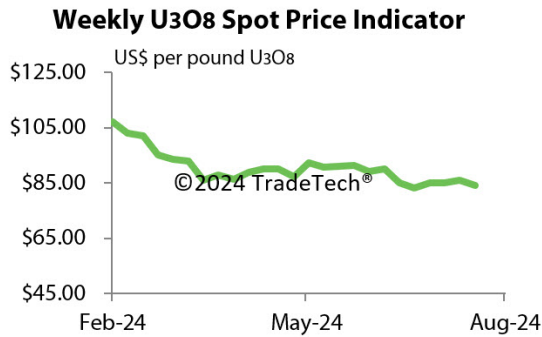


Gold and Silver Prices:



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>

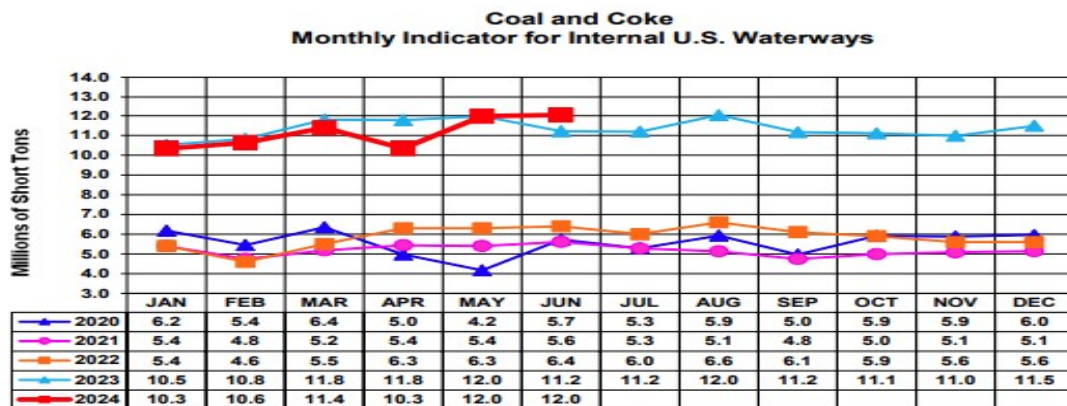
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	May 2024		May 2023		% Change of Stocks	April 2024		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,273	251	2,850	365	-20.2%	2,176	275	4.5%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	22,313	123	20,890	111	6.8%	21,818	121	2.3%
	Subbituminous	7,102	91	5,969	80	19.0%	7,120	103	-0.3%
Midwest	Bituminous	12,411	121	12,076	103	2.8%	12,479	130	-0.5%
	Subbituminous	36,227	125	32,457	136	11.6%	36,106	132	0.3%
West	Bituminous	3,726	185	3,000	140	24.2%	3,498	182	6.5%
	Subbituminous	33,714	133	30,603	132	10.2%	34,064	142	-1.0%
U.S. Total	Bituminous	40,724	134	38,816	118	4.9%	39,970	132	1.9%
	Subbituminous	77,044	123	69,029	125	11.6%	77,290	132	-0.3%

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



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

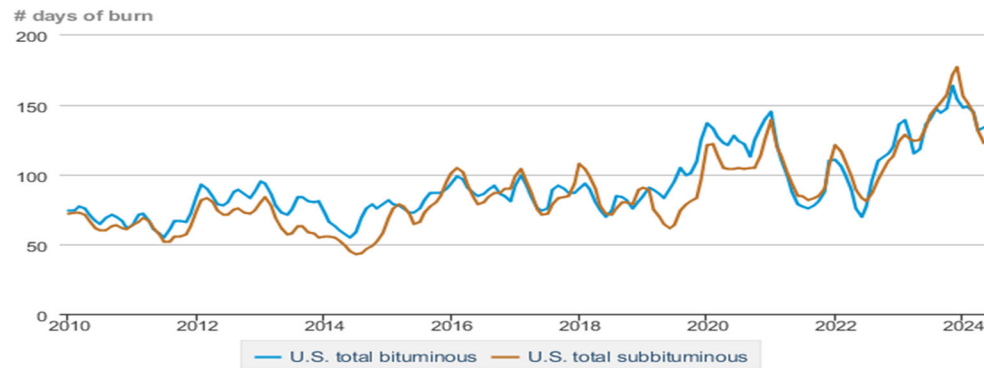
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/28/24	07/05/24	07/12/24	07/19/24	07/26/24	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$81.85	\$74.00	\$74.00	\$74.00	\$75.00	\$1.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$58.00	\$46.00	\$46.00	\$46.00	\$47.00	\$1.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$45.00	\$41.00	\$42.00	\$42.00	\$43.50	\$1.50
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.55	\$13.90	\$13.90	\$13.90	\$14.00	\$0.10

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 - May 2024



 Data source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Jul 18)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-1	0	85	43	15
Middle Atlantic	0	-1	0	83	26	8
E N Central	2	1	0	67	10	21
W N Central	2	-2	-2	76	5	18
South Atlantic	0	0	0	118	21	11
E S Central	0	0	0	110	16	13
W S Central	0	0	0	126	2	-26
Mountain	0	-4	0	99	21	-5
Pacific	0	-4	0	67	24	-9
United States	1	-1	0	92	18	5

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

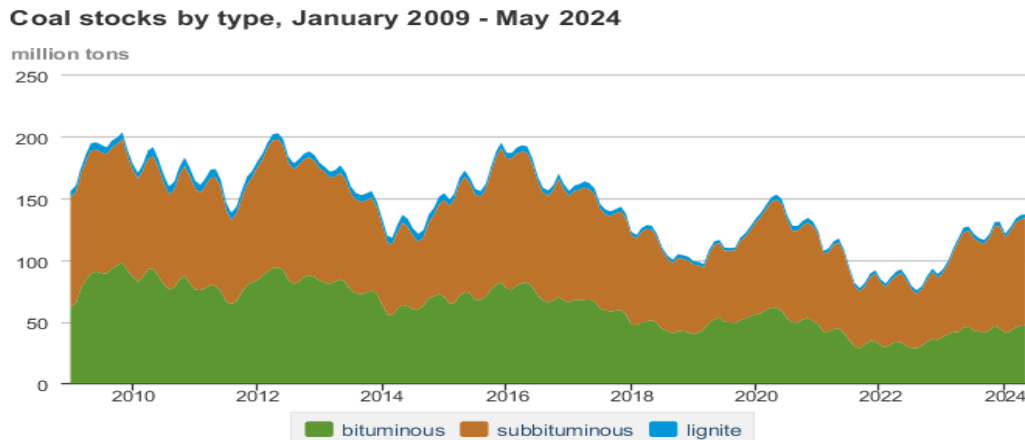
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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)	7/29/24	\$12.07
Copper Spot Price (\$/lb)	7/30/24	\$4.07
Gold Spot Price (\$/ounce)	7/30/24	\$2,389.15
Lead Spot Price (\$/lb)	7/30/24	\$0.92
Lithium Spot Price (\$/kg)	7/29/24	\$11.79
Molybdenum Spot Price (\$/kg)	7/30/24	\$66.20
Nickel Spot Price (\$/lb)	7/30/24	\$7.29
Silver Spot Price (\$/ounce)	7/30/24	\$27.88
Steel HRC Price (\$/mt)	7/30/24	\$704.29
Steel Rebar Price (\$/mt)	7/30/24	\$409.47
Zinc Spot Price (\$/lb)	7/30/24	\$1.20
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	7/30/24	\$217.00
Coal Spot Price - Central Appalachian (\$/st)	7/26/24	\$75.00
Coal Spot Price - Newcastle futures (\$/mt)	7/30/24	\$139.24
Coal Spot Price - Rotterdam futures (\$/mt)	7/30/24	\$116.50
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	7/24/24	\$2.03
Uranium Spot Price (\$/lb)	7/29/24	\$82.30

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)		
	2024-07-19	2024-07-12	change
East	697	686	11
Midwest	827	814	13
Mountain	251	248	3
Pacific	289	289	0
South Central	1,167	1,173	-6
Total	3,231	3,209	22

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 - May 2024	May-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	1,220	4,100
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	401	1,960
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	17.04	12.35

Source: USGS, Mineral Industry Survey, Cobalt in May 2024, July 2024

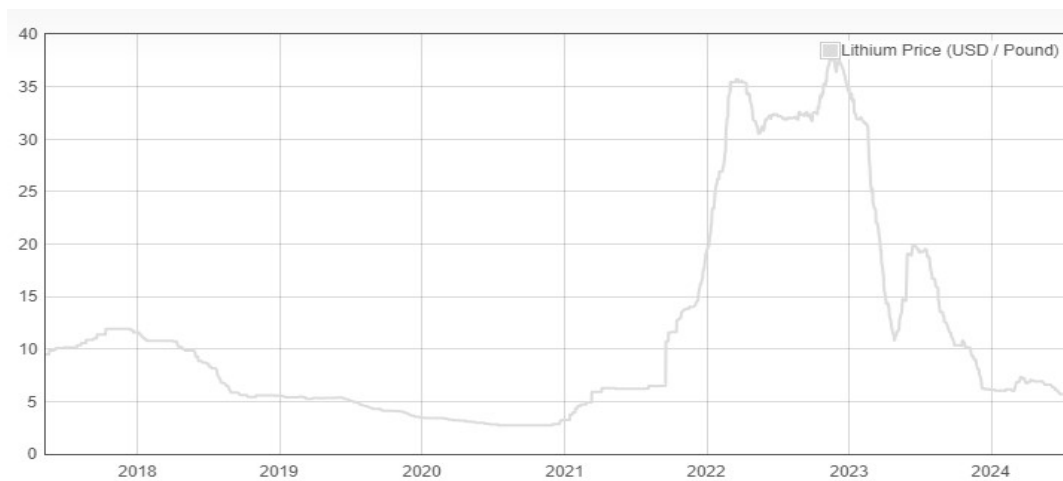
Cobalt and Lithium Prices

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>