



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

September 20, 2024 Edition
(Data for Week Ending September 14, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 37 | Dated 09/20/24

COAL PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	9/14/24	9/16/23	% Chg	9/14/24	9/14/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,556	11,523	-8.4%	355,917	411,069	-13.4%
52 Weeks Ended	519,576	594,912	-12.7%			
AAR Coal Rail Cars Loaded:	63,017	69,268	-9.0%	2,056,985	2,414,710	-14.8%
EIA Coal Production Month Ended - August						
EIA Coal Production	Aug 24/23		% Chg	Jan - Aug 24/23		% Chg
Month Ended - August	45,347	50,627	-10.4%	334,959	388,443	-13.8%

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		
	9/14/24	9/16/23	% Chg	9/14/24	9/16/23	% Chg
EI Electric Total Output (Mil. Kwh)	80,674	80,267	0.5%	3,034,067	2,968,243	2.2%
EI Coal Region Output (Mil. Kwh)	69,800	69,533	0.4%	2,642,449	2,581,843	2.3%
AISI Raw Steel Output (000 Tons)	1,749	1,691	3.4%	62,859	63,943	-1.7%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	9/13/24	9/06/24	% Chg	Wed.	9/11/24
Central App, 12,500 Btu, 1.2 SO ₂	\$79.70	\$79.70	0.0%	Henry Hub	2.14
Northern App, 13,000 Btu, < 3.0 SO ₂	51.00	51.00	0.0%	New York	1.68
Illinois Basin, 11,800, 5.0 SO ₂	42.50	42.50	0.0%	Chicago	1.82
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.95	13.95	0.0%	Cal.Comp.Avg.	1.76

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		
	9/14/2024 (week 37)	9/7/2024 (week 36)	9/16/2023 (week 37)	9/14/2024	9/14/2023	% Change	9/14/2024	9/16/2023	% Change
Alabama	290	285	256	10,258	8,313	23.4	13,917	11,587	20.1
Alaska	18	18	20	709	732	-3.2	980	1,085	-9.7
Colorado	288	268	225	9,226	8,228	12.1	13,307	12,032	10.6
Illinois	665	673	672	25,109	26,594	-5.6	35,356	37,790	-6.4
Indiana	392	394	453	14,547	17,403	-16.4	20,800	25,178	-17.4
Kentucky total	487	490	545	17,911	20,556	-12.9	25,414	29,440	-13.7
Eastern (KY)	209	211	236	7,559	8,953	-15.6	10,818	12,797	-15.5
Western (KY)	278	279	308	10,352	11,603	-10.8	14,596	16,643	-12.3
Louisiana	5	5	7	180	217	-16.8	251	318	-21.1
Maryland	24	24	26	895	919	-2.6	1,242	1,388	-10.5
Mississippi	54	49	50	1,361	1,714	-20.6	2,318	2,698	-14.1
Missouri	3	3	3	108	100	8.7	148	127	16.5
Montana	560	549	561	18,224	20,392	-10.6	26,746	28,728	-6.9
New Mexico	138	132	178	4,946	6,182	-20.0	6,702	9,194	-27.1
North Dakota	466	458	479	17,142	17,230	-0.5	23,865	25,136	-5.1
Ohio	31	31	38	1,265	1,452	-12.9	1,750	2,164	-19.1
Oklahoma	s	s	s	1	1	-52.1	1	2	-50.0
Pennsylvania total	839	812	823	28,098	29,798	-5.7	40,788	42,437	-3.9
Anthracite (PA)	71	68	68	2,296	2,021	13.6	3,174	2,849	11.4
Bituminous (PA)	769	744	755	25,802	27,777	-7.1	37,614	39,587	-5.0
Texas	230	228	294	7,559	9,745	-22.4	11,547	15,268	-24.4
Utah	108	109	140	3,992	5,072	-21.3	5,801	7,929	-26.8
Virginia	169	170	190	6,501	7,853	-17.2	9,219	11,447	-19.5
West Virginia total	1,529	1,530	1,611	56,288	61,446	-8.4	79,077	87,190	-9.3
Northern (WV)	769	771	844	28,173	32,460	-13.2	40,089	46,989	-14.7
Southern (WV)	760	759	767	28,115	28,986	-3.0	38,988	40,201	-3.0
Wyoming	4,259	4,174	4,953	131,596	167,122	-21.3	200,348	243,774	-17.8
Appalachian total	3,091	3,063	3,180	110,864	118,734	-6.6	156,811	169,010	-7.2
Interior total	1,628	1,631	1,787	59,218	67,376	-12.1	85,016	98,024	-13.3
Western total	5,837	5,708	6,556	185,834	224,959	-17.4	277,748	327,878	-15.3
East of Mississippi River	4,482	4,458	4,663	162,234	176,048	-7.8	229,881	251,319	-8.5
West of Mississippi River	6,075	5,944	6,860	193,683	235,021	-17.6	289,694	343,593	-15.7
Bituminous and lignite	10,486	10,334	11,456	353,621	409,048	-13.6	516,402	592,063	-12.8
Anthracite	71	68	68	2,296	2,021	13.6	3,174	2,849	11.4
U.S. total	10,556	10,402	11,523	355,917	411,069	-13.4	519,576	594,912	-12.7
Railroad cars loaded	63,017	63,754	69,268	2,056,985	2,414,710	-14.8	3,047,538	3,488,599	-12.6

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 37

OUTPUT FOR WEEK ENDED - Sep 14, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Sep 14, 2024** was **80,674** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended September 14		52 Weeks Ended September 14	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,944	-14.80 %	112,504	1.01 %
Mid-Atlantic	7,441	-9.29 %	411,629	1.81 %
Central Industrial	12,062	7.31 %	648,731	1.67 %
West Central	6,636	10.52 %	332,533	-1.85 %
Southeast	19,818	-3.81 %	1,027,775	1.70 %
South Central	17,588	0.09 %	877,720	2.45 %
Rocky Mountain	6,255	5.82 %	301,001	2.25 %
Pacific Northwest	2,648	1.13 %	159,389	-1.05 %
Pacific Southwest	6,282	7.70 %	270,688	0.79 %
Total United States	80,674	0.51 %	4,141,969	1.42 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 %
Sep 07	82,941	Sep 09	90,200	-8.05 %	Sep 07	4,141,562	1.46 %
Sep 14	80,674	Sep 16	80,267	0.51 %	Sep 14	4,141,969	1.42 %
Sep 14	3,034,067	Sep 16	2,968,243	2.22 %	YEAR TO DATE, FIRST 37 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	14-Sep	16-Sep	% Increase Over Corresponding Week	14-Sep	16-Sep	% Increase Over Corresponding Week	14-Sep	16-Sep	% Increase Over Corresponding Week
	2024	2023		2024	2023		2024	2023	
	GWh Output	GWh Output		GWh Output	GWh Output		GWh Output	GWh Output	
New England	1,944	2,282	-14.8%	81,683	80,182	1.9%	112,504	111,373	1.0%
Mid-Atlantic	7,441	8,203	-9.3%	302,901	293,816	3.1%	411,629	404,300	1.8%
Central Industrial	12,062	11,240	7.3%	476,258	463,184	2.8%	648,731	638,069	1.7%
West Central	6,636	6,005	10.5%	240,270	245,044	-1.9%	332,533	338,803	-1.9%
Southeast	19,818	20,602	-3.8%	757,286	735,045	3.0%	1,027,775	1,010,555	1.7%
South Central	17,588	17,572	0.1%	646,941	633,268	2.2%	877,720	856,745	2.4%
Rocky Mountain	6,255	5,911	5.8%	218,792	211,487	3.5%	301,001	294,389	2.2%
Pacific Northwest	2,648	2,619	1.1%	114,242	113,648	0.5%	159,389	161,075	-1.0%
Pacific Southwest	6,282	5,833	7.7%	195,690	192,570	1.6%	270,688	268,571	0.8%
Total United States ^{1/}	80,674	80,267	0.5%	3,034,064	2,968,243	2.2%	4,141,970	4,083,880	1.4%
Coal Regions Only ^{2/}	69,800	69,533	0.4%	2,642,449	2,581,843	2.3%	3,599,389	3,542,861	1.6%

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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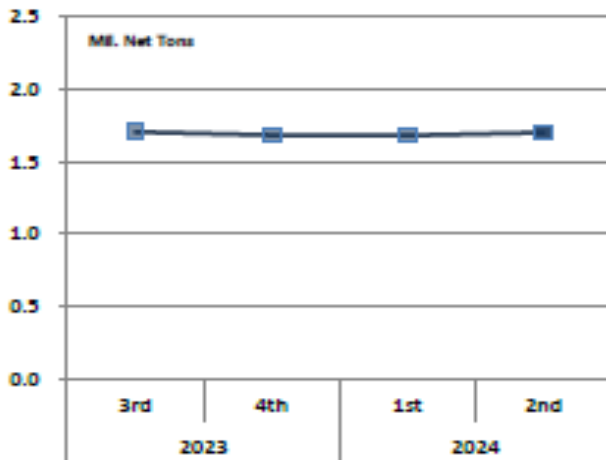
September 16, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

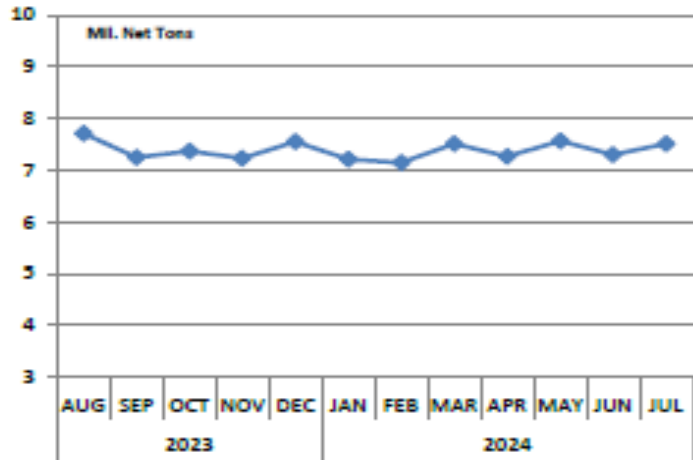
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
<u>Week Ending</u>					<u>Sep 14</u>	<u>Sep 7</u>
Sep 14, 2024	1,749	-1.3	78.8	North East	127	128
Sep 14, 2023	1,691	3.4	74.4	Great Lakes	597	596
Sep 7, 2024	1,772	0.7	79.8	Midwest	220	215
				Southern	747	767
				Western	58	66
				Total	1,749	1,772
<u>Year-to-Date +</u>						
Sep 14, 2024	62,859	-1.7	76.8			
Sep 14, 2023	63,943	-	76.9			

*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 37, 2024 – Ended September 14, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	232,154	0.0%	8,012,176	216,545	-3.3%
Chemicals	32,444	-0.9%	1,201,372	32,470	4.2%
Coal	63,017	-8.4%	2,060,177	55,680	-14.9%
Farm Products excl. Grain, and Food	17,227	5.0%	609,343	16,469	2.3%
Forest Products	8,441	3.9%	306,565	8,286	2.0%
Grain	19,372	18.7%	731,669	19,775	10.0%
Metallic Ores and Metals	21,091	3.7%	742,100	20,057	-2.9%
Motor Vehicles and Parts	16,849	3.8%	559,223	15,114	1.8%
Nonmetallic Minerals	32,020	-5.5%	1,095,094	29,597	-6.9%
Petroleum and Petroleum Products	10,912	5.0%	384,972	10,405	10.6%
Other	10,781	20.5%	321,661	8,694	1.9%
Total Intermodal Units	290,403	13.0%	9,641,820	260,590	9.5%
Total Traffic	522,557	6.8%	17,653,996	477,135	3.3%

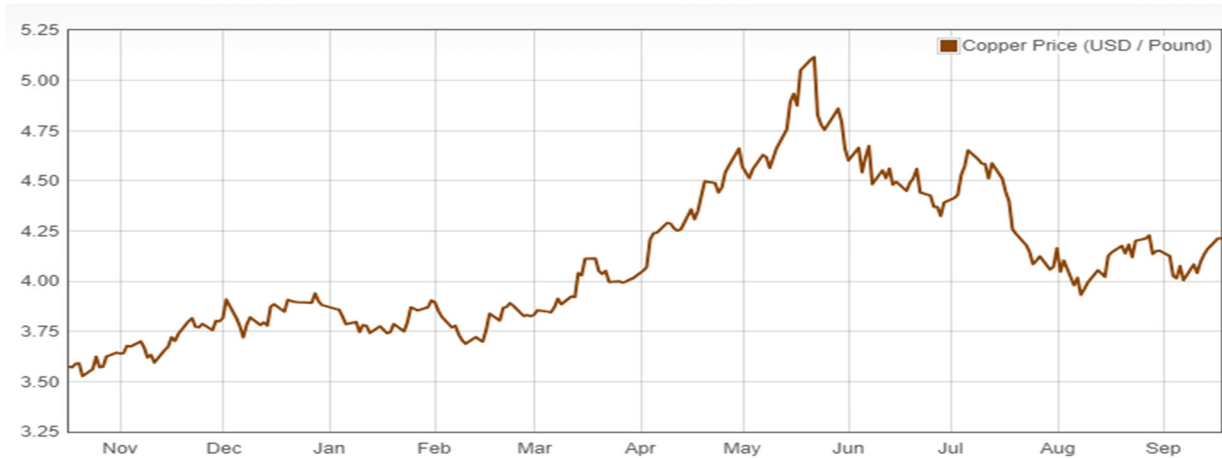
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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

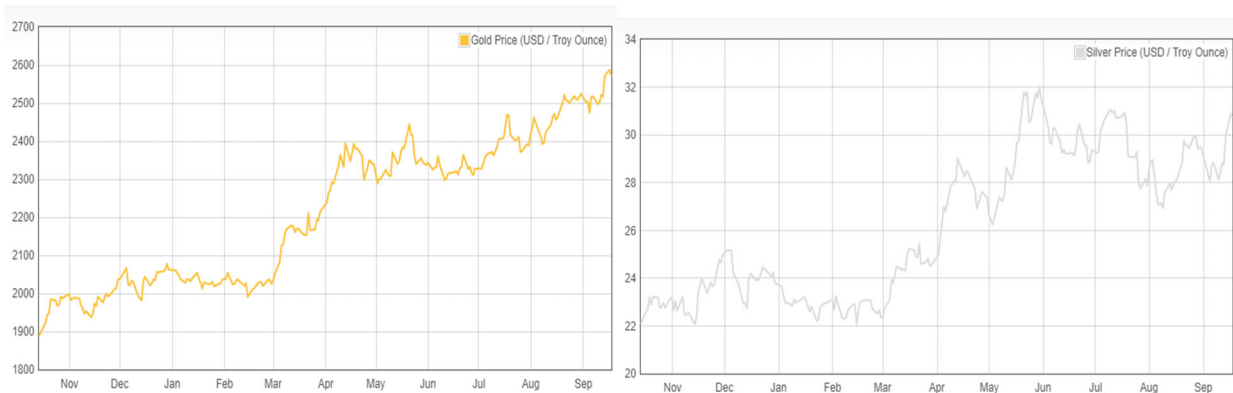
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

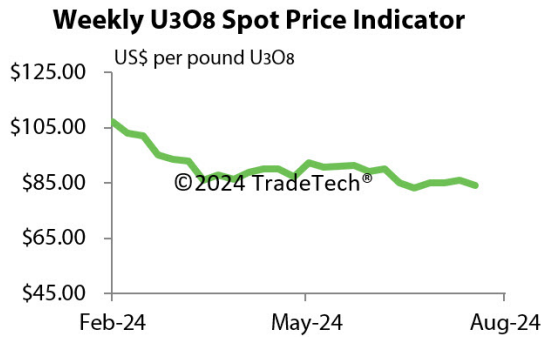


Gold and Silver Prices:



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)

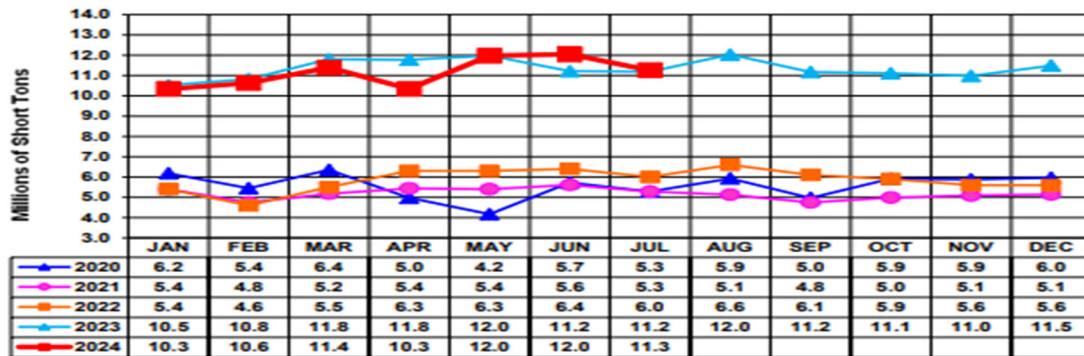
Zone	Coal	June 2024		June 2023			May 2024		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	2,145	223	3,046	365	-29.6%	2,273	251	-5.6%
	Subbituminous								
South	Bituminous	20,821	145	20,830	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

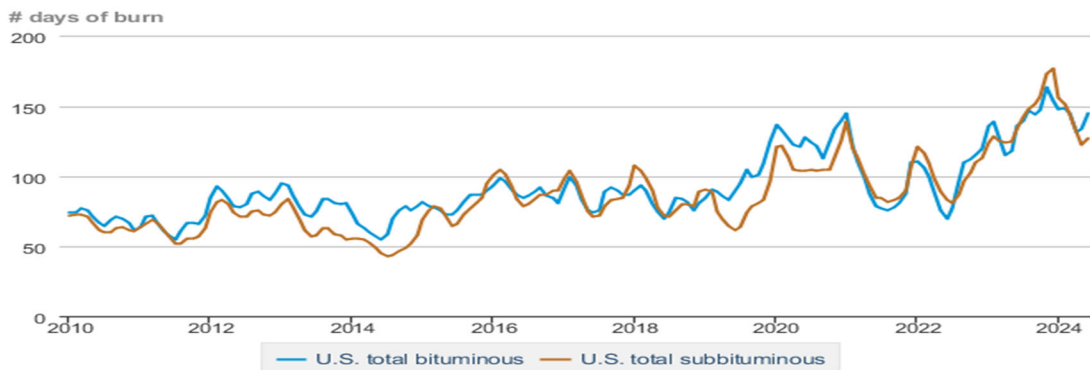
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	08/16/24	08/23/24	08/30/24	09/06/24	09/13/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.00	\$77.30	\$77.30	\$79.70	\$79.70	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.00	\$49.50	\$49.50	\$51.00	\$51.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$42.50	\$42.50	\$42.50	\$42.50	\$42.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.95	\$13.90	\$13.90	\$13.95	\$13.95	\$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



eia Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Sep 05)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	15	4	8	10	-5	-25
Middle Atlantic	7	1	4	22	-5	-21
E N Central	11	0	4	29	2	-20
W N Central	10	-6	7	36	-1	-31
South Atlantic	2	1	2	80	4	-2
E S Central	0	-1	0	87	18	7
W S Central	0	-1	0	99	-5	-32
Mountain	3	-16	-4	64	10	15
Pacific	1	-6	-3	66	29	46
United States	6	-3	2	56	5	-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*.

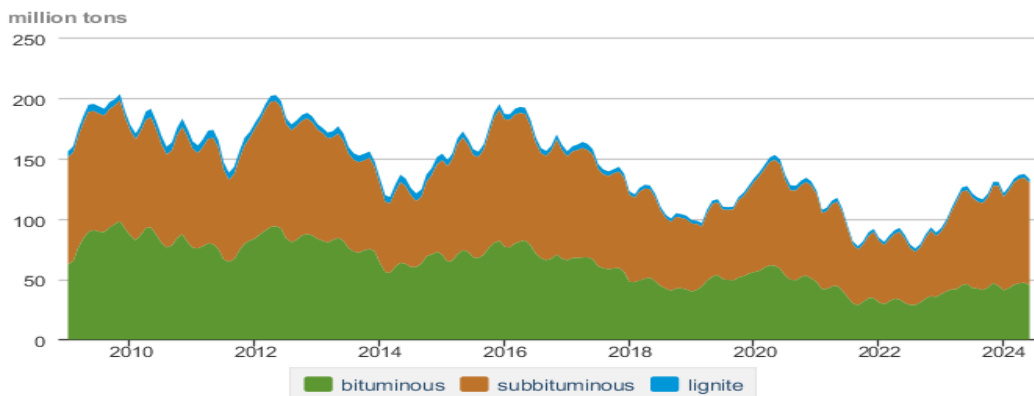
U.S. Production of Selected Mineral Commodities	2024 Year to Date - 2nd Quarter	2023 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	450.0	453.0	-1%
Cement (Mil. Mt.)	39.7	42.6	-7%
Copper (000 Mt.)	528.0	543.0	-3%
Gold (Mt.)	75.5	80.2	-6%
Gypsum (Mil. Mt.)	9.6	9.4	2%
Iron Ore (Mil. Mt.)	22.1	20.8	6%
Lead (000 Mt.)	146.0	140.0	4%
Molybdenum (000 Mt.)	17.9	16.5	8%
Palladium (Mt.)	5.9	4.9	20%
Phosphate rock (Mil. Mt.)	10.0	9.6	4%
Platinum (Mt.)	1.7	1.5	13%
Sand & gravel, construction (Mil. Mt.)	406.0	431.0	-6%
Silver (Mt.)	539.0	533.0	1%
Soda ash (Mil. Mt.)	5.8	5.4	7%
Stone, crushed (Mil. Mt.)	698.0	733.0	-5%
Zinc (000 Mt.)	376.0	367.0	2%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2024 data are preliminary estimates. W - withheld, N/A - not available



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

Coal stocks by type, January 2009 - June 2024



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)	9/17/24	\$11.02
Copper Spot Price (\$/lb)	9/18/24	\$4.22
Gold Spot Price (\$/ounce)	9/18/24	\$2,567.33
Lead Spot Price (\$/lb)	9/18/24	\$0.92
Lithium Spot Price (\$/kg)	9/13/24	\$10.23
Molybdenum Spot Price (\$/kg)	9/18/24	\$67.76
Nickel Spot Price (\$/lb)	9/18/24	\$7.36
Silver Spot Price (\$/ounce)	9/18/24	\$30.28
Steel HRC Price (\$/mt)	9/18/24	\$702.52
Steel Rebar Price (\$/mt)	9/18/24	\$428.73
Zinc Spot Price (\$/lb)	9/18/24	\$1.31
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	9/18/24	\$185.00
Coal Spot Price - Central Appalachian (\$/st)	9/13/24	\$79.70
Coal Spot Price - Newcastle futures (\$/mt)	9/18/24	\$133.94
Coal Spot Price - Rotterdam futures (\$/mt)	9/18/24	\$114.25
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	9/11/24	\$2.14
Uranium Spot Price (\$/lb)	9/17/24	\$79.50

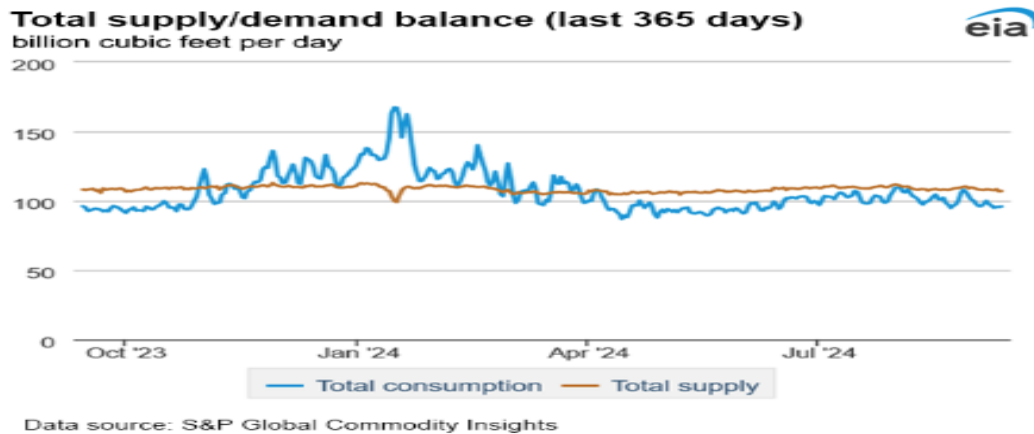
Sources: publically available data from eia.gov, dailymetalprice.com, tradingeconomics.com, sgxgroup.com, investing.com

EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2024-09-06	2024-08-30	change
East	780	761	19
Midwest	950	922	28
Mountain	273	270	3
Pacific	285	289	-4
South Central	1,098	1,105	-7
Total	3,387	3,347	40

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*



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

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

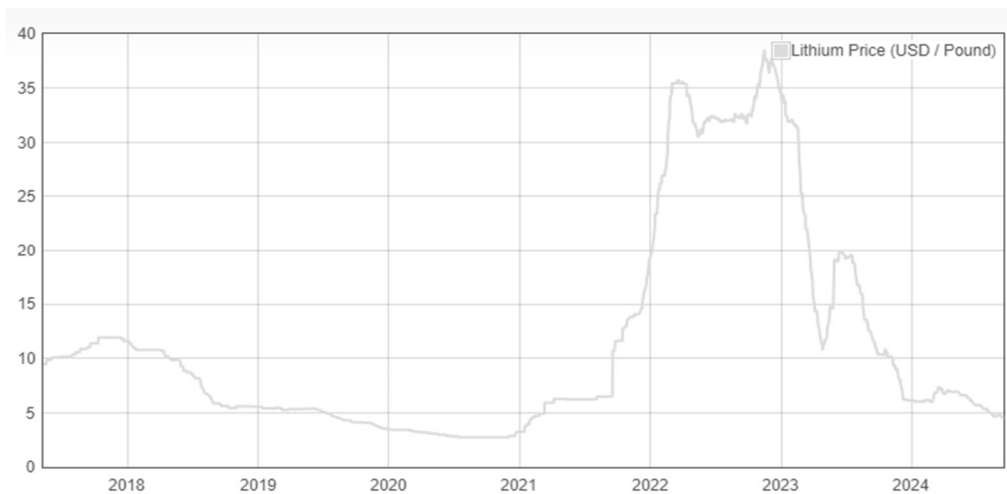
Cobalt and Lithium Prices

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>