



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

September 27, 2024 Edition
(Data for Week Ending September 21, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 38 | Dated 09/27/24

COAL PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	9/21/24	9/23/23	% Chg	9/21/24	9/21/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,578	11,453	-7.6%	366,495	422,542	-13.3%
52 Weeks Ended	518,701	593,839	-12.7%			
AAR Coal Rail Cars Loaded:	63,164	68,846	-8.3%	2,120,149	2,483,682	-14.6%
EIA Coal Production						
Month Ended - August	Aug 24/23		% Chg	Jan - Aug 24/23		% Chg
	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		
	9/21/24	9/23/23	% Chg	9/21/24	9/23/23	% Chg
EEI Electric Total Output (Mil. Kwh)	83,729	76,650	9.2%	3,117,796	3,044,894	2.4%
EEI Coal Region Output (Mil. Kwh)	73,861	66,982	10.3%	2,716,310	2,648,825	2.5%
AISI Raw Steel Output (000 Tons)	1,707	1,691	0.9%	64,566	65,634	-1.6%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	9/20/24	9/13/24	% Chg	Wed.	9/18/24
Central App, 12,500 Btu, 1.2 SO ₂	\$82.15	\$79.70	3.1%	Henry Hub	2.33
Northern App, 13,000 Btu, < 3.0 SO ₂	52.55	51.00	3.0%	New York	1.76
Illinois Basin, 11,800, 5.0 SO ₂	42.50	42.50	0.0%	Chicago	2.01
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.90	13.95	-0.4%	Cal.Comp.Avg.	2.03

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		
	9/21/2024 (week 38)	9/14/2024 (week 37)	9/23/2023 (week 38)	9/21/2024	9/21/2023	% Change	9/21/2024	9/23/2023	% Change
Alabama	294	290	254	10,552	8,568	23.2	13,957	11,613	20.2
Alaska	19	18	20	727	753	-3.4	978	1,086	-9.9
Colorado	265	288	223	9,491	8,451	12.3	13,348	11,975	11.5
Illinois	692	665	668	25,801	27,263	-5.4	35,380	37,711	-6.2
Indiana	401	392	450	14,949	17,854	-16.3	20,751	25,138	-17.5
Kentucky total	499	487	541	18,410	21,098	-12.7	25,371	29,404	-13.7
Eastern (KY)	214	209	235	7,773	9,188	-15.4	10,797	12,788	-15.6
Western (KY)	285	278	306	10,637	11,910	-10.7	14,574	16,616	-12.3
Louisiana	6	5	7	186	224	-16.9	249	319	-21.9
Maryland	25	24	26	920	946	-2.7	1,241	1,384	-10.3
Mississippi	49	54	50	1,410	1,764	-20.1	2,317	2,674	-13.4
Missouri	3	3	3	111	102	8.8	148	129	14.7
Montana	552	560	558	18,777	20,951	-10.4	26,741	28,684	-6.8
New Mexico	122	138	177	5,068	6,359	-20.3	6,646	9,130	-27.2
North Dakota	469	466	476	17,611	17,707	-0.5	23,858	25,009	-4.6
Ohio	32	31	37	1,297	1,489	-12.9	1,745	2,154	-19.0
Oklahoma	s	s	s	1	1	-49.8	1	2	-50.0
Pennsylvania total	818	839	818	28,916	30,617	-5.6	40,788	42,495	-4.0
Anthracite (PA)	69	71	67	2,365	2,088	13.3	3,175	2,866	10.8
Bituminous (PA)	749	769	750	26,551	28,529	-6.9	37,613	39,629	-5.1
Texas	237	230	292	7,796	10,037	-22.3	11,492	15,206	-24.4
Utah	113	108	139	4,105	5,212	-21.2	5,775	7,831	-26.3
Virginia	171	169	189	6,671	8,042	-17.0	9,201	11,396	-19.3
West Virginia total	1,548	1,529	1,601	57,836	63,051	-8.3	79,023	87,078	-9.3
Northern (WV)	780	769	839	28,953	33,301	-13.1	40,030	46,842	-14.5
Southern (WV)	768	760	763	28,883	29,750	-2.9	38,993	40,236	-3.1
Wyoming	4,265	4,259	4,923	135,861	172,054	-21.0	199,691	243,422	-18.0
Appalachian total	3,101	3,091	3,161	113,965	121,900	-6.5	156,751	168,908	-7.2
Interior total	1,672	1,628	1,776	60,890	69,155	-12.0	84,912	97,794	-13.2
Western total	5,805	5,837	6,516	191,640	231,486	-17.2	277,037	327,137	-15.3
East of Mississippi River	4,527	4,482	4,635	166,762	180,691	-7.7	229,774	251,047	-8.5
West of Mississippi River	6,051	6,075	6,818	199,734	241,851	-17.4	288,927	342,792	-15.7
Bituminous and lignite	10,509	10,486	11,386	364,130	420,454	-13.4	515,525	590,973	-12.8
Anthracite	69	71	67	2,365	2,088	13.3	3,175	2,866	10.8
U.S. total	10,578	10,556	11,453	366,495	422,542	-13.3	518,701	593,839	-12.7
Railroad cars loaded	63,164	63,017	68,846	2,120,149	2,483,682	-14.6	3,041,856	3,484,671	-12.7

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 38

OUTPUT FOR WEEK ENDED - Sep 21, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Sep 21, 2024** was **83,729** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended September 21		52 Weeks Ended September 21	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	2,068	7.35 %	112,645	1.23 %
Mid-Atlantic	7,887	12.07 %	412,479	2.16 %
Central Industrial	13,045	17.94 %	650,715	2.12 %
West Central	7,139	10.41 %	333,206	-1.63 %
Southeast	20,447	10.77 %	1,029,763	2.02 %
South Central	19,641	6.96 %	878,999	2.55 %
Rocky Mountain	5,702	1.90 %	301,107	2.31 %
Pacific Northwest	2,584	2.17 %	159,443	-1.04 %
Pacific Southwest	5,214	0.04 %	270,690	0.85 %
Total United States	83,729	9.23 %	4,149,047	1.66 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 21	83,729	Sep 23	76,650	9.23 %	Sep 21	4,149,047	1.66 %
Sep 21	3,117,796	Sep 23	3,044,894	2.39 %	YEAR TO DATE, FIRST 38 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	21-Sep 2024 GWh Output	23-Sep 2023 GWh Output	% Increase Over Corresponding Week	21-Sep 2024 GWh Output	23-Sep 2023 GWh Output	% Increase Over Corresponding Week	21-Sep 2024 GWh Output	23-Sep 2023 GWh Output	% Increase Over Corresponding Week
New England	2,068	1,927	7.3%	83,751	82,109	2.0%	112,645	111,269	1.2%
Mid-Atlantic	7,887	7,037	12.1%	310,788	300,853	3.3%	412,479	403,742	2.2%
Central Industrial	13,045	11,061	17.9%	489,303	474,245	3.2%	650,715	637,175	2.1%
West Central	7,139	6,466	10.4%	247,409	251,510	-1.6%	333,206	338,724	-1.6%
Southeast	20,447	18,459	10.8%	777,733	753,504	3.2%	1,029,763	1,009,328	2.0%
South Central	19,641	18,363	7.0%	666,582	651,631	2.3%	878,999	857,120	2.6%
Rocky Mountain	5,702	5,596	1.9%	224,494	217,083	3.4%	301,107	294,321	2.3%
Pacific Northwest	2,584	2,529	2.2%	116,826	116,177	0.6%	159,443	161,119	-1.0%
Pacific Southwest	5,214	5,212	0.0%	200,904	197,782	1.6%	270,690	268,403	0.9%
Total United States ^{1/}	83,727	76,650	9.2%	3,117,791	3,044,893	2.4%	4,149,047	4,081,201	1.7%
Coal Regions Only ^{2/}	73,861	66,982	10.3%	2,716,310	2,648,825	2.5%	3,606,269	3,540,410	1.9%

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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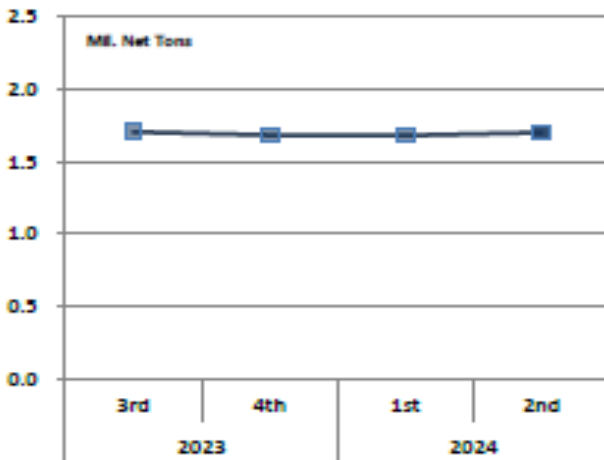
September 23, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

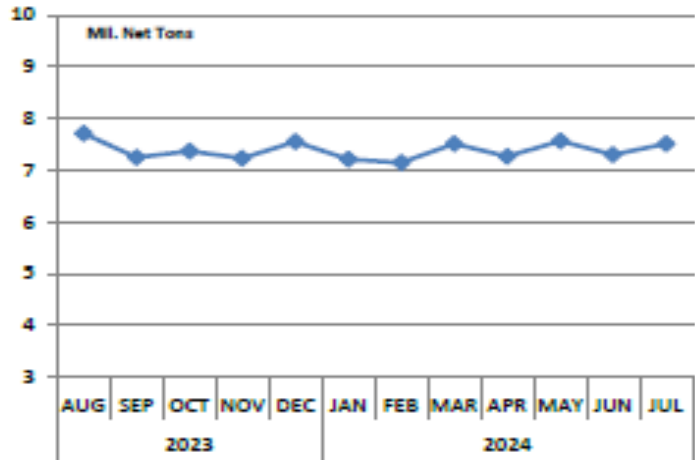
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Sep 21</u>	<u>Sep 14</u>	
<u>Week Ending</u>				North East	125	127
				Great Lakes	583	597
Sep 21, 2024	1,707	-2.4	76.9	Midwest	204	220
Sep 21, 2023	1,691	0.9	74.4	Southern	742	747
Sep 14, 2024	1,749	-1.3	78.8	Western	53	58
				Total	1,707	1,749
<u>Year-to-Date +</u>						
Sep 21, 2024	64,566	-1.6	76.8			
Sep 21, 2023	65,634	-	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 38, 2024 – Ended September 21, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	232,818	-0.6%	8,244,994	216,974	-3.3%
Chemicals	33,139	6.7%	1,234,511	32,487	4.3%
Coal	63,164	-7.3%	2,123,341	55,877	-14.7%
Farm Products excl. Grain, and Food	17,221	3.0%	626,564	16,489	2.4%
Forest Products	8,368	-1.4%	314,933	8,288	1.9%
Grain	20,897	15.5%	752,566	19,804	10.1%
Metallic Ores and Metals	19,979	-11.9%	762,079	20,055	-3.2%
Motor Vehicles and Parts	16,899	5.1%	576,122	15,161	1.9%
Nonmetallic Minerals	32,096	-6.9%	1,127,190	29,663	-6.9%
Petroleum and Petroleum Products	10,742	8.4%	395,714	10,414	10.5%
Other	10,313	21.1%	331,974	8,736	2.4%
Total Intermodal Units	289,294	12.0%	9,931,114	261,345	9.6%
Total Traffic	522,112	6.0%	18,176,108	478,319	3.3%

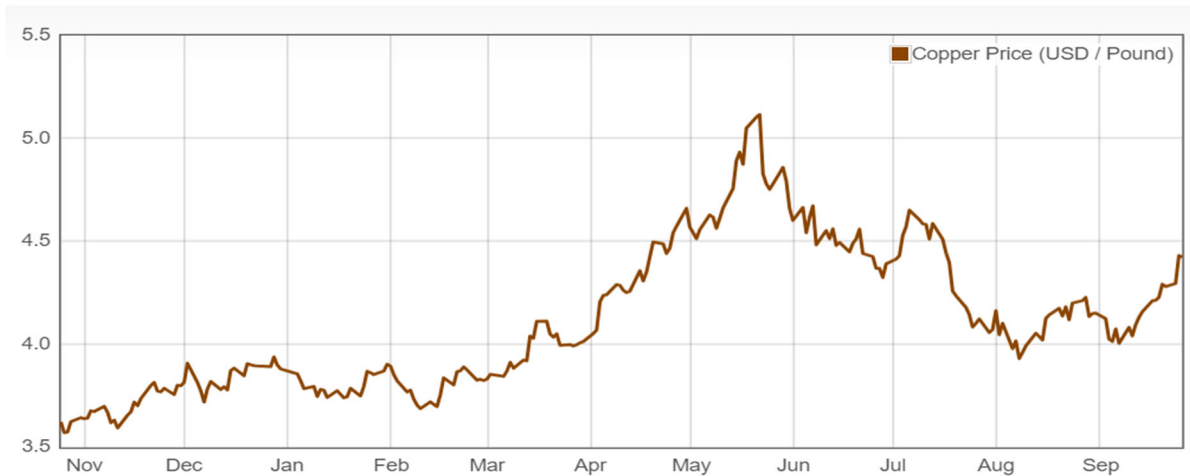
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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

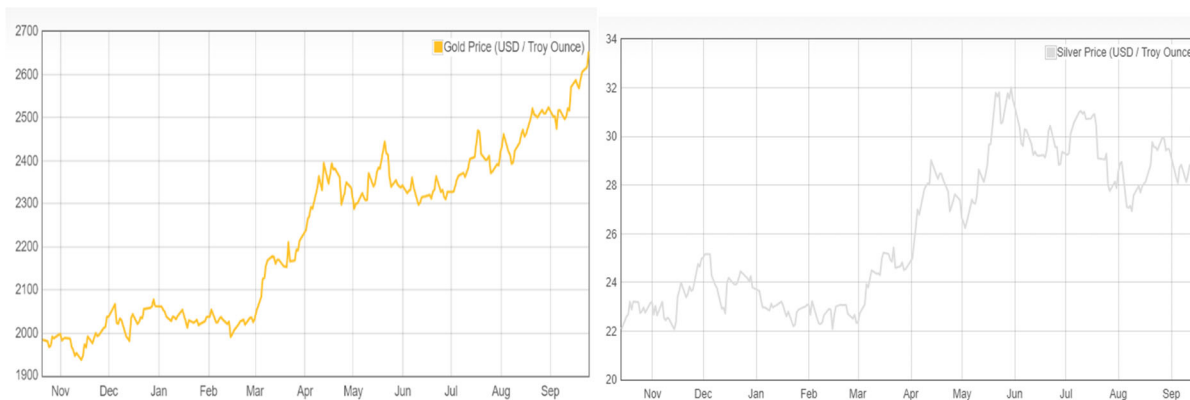
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

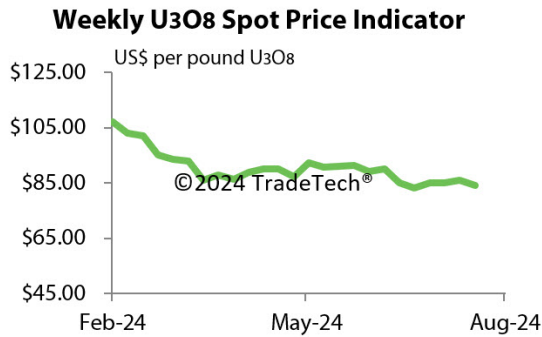


Gold and Silver Prices:



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

Trade Tech's and UX's Uranium Price Indicators



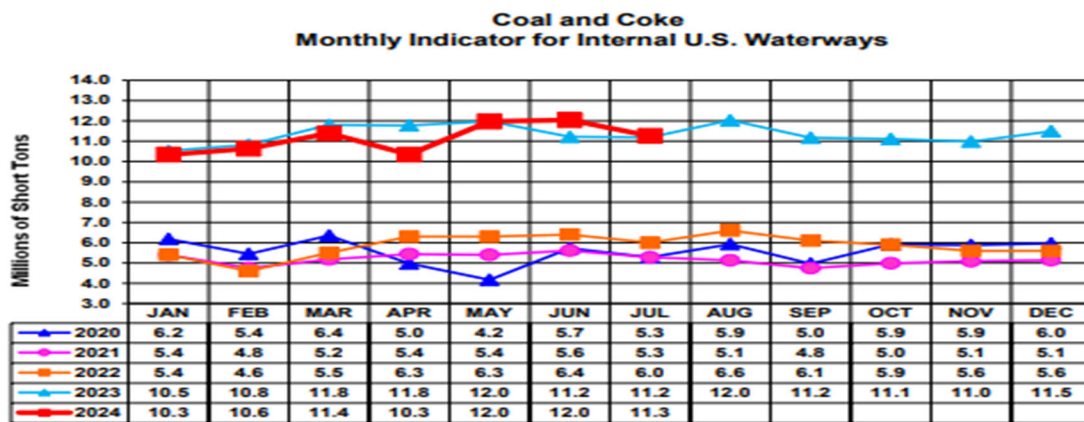
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

Zone	Coal	July 2024		July 2023			June 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	1,820	199	2,715	362	-33.0%	2,145	223	-15.1%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	18,883	147	18,662	131	1.2%	20,821	145	-9.3%
	Subbituminous	6,280	94	5,793	90	8.4%	6,832	87	-8.1%
Midwest	Bituminous	11,706	131	12,731	129	-8.1%	12,045	124	-2.8%
	Subbituminous	32,710	137	30,679	151	6.6%	35,232	132	-7.2%
West	Bituminous	3,501	181	3,043	148	15.1%	3,690	180	-5.1%
	Subbituminous	30,983	141	29,493	148	5.1%	32,517	134	-4.7%
U.S. Total	Bituminous	35,910	147	37,150	140	-3.3%	38,700	145	-7.2%
	Subbituminous	69,973	134	65,965	143	6.1%	74,582	127	-6.2%

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

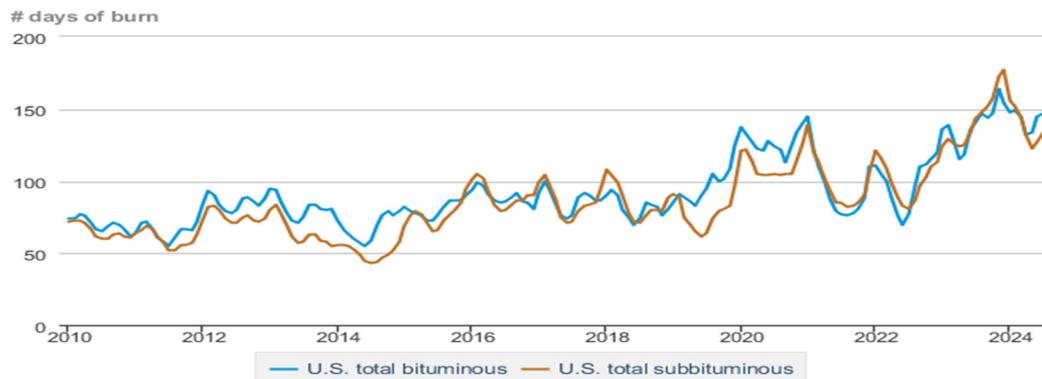
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	08/23/24	08/30/24	09/06/24	09/13/24	09/20/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$77.30	\$77.30	\$79.70	\$79.70	\$82.15	\$2.45
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$49.50	\$49.50	\$51.00	\$51.00	\$52.55	\$1.55
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	\$13.90	\$13.90	\$13.95	\$13.95	\$13.90	-\$0.05

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 - July 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 12)

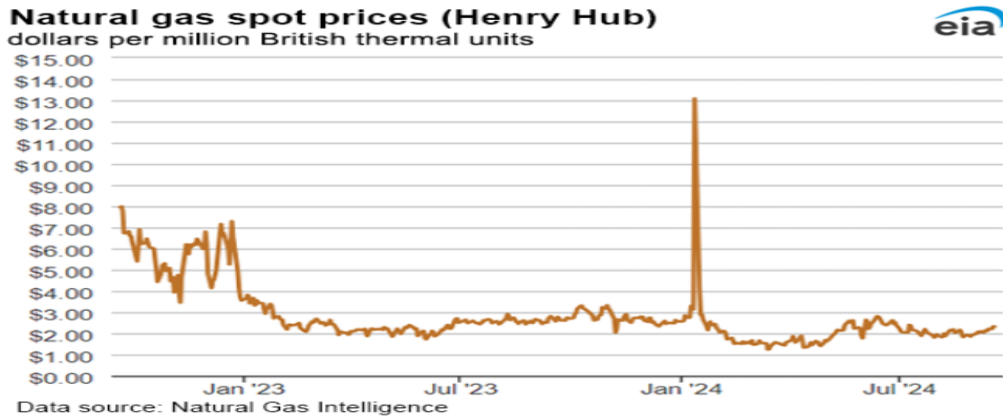
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	23	4	22	1	-7	-51
Middle Atlantic	13	1	12	4	-15	-40
E N Central	26	9	1	10	-9	3
W N Central	20	-3	-7	21	-6	6
South Atlantic	7	5	7	56	-13	-32
E S Central	7	5	7	41	-18	-23
W S Central	2	0	1	66	-27	-45
Mountain	5	-22	-8	63	17	11
Pacific	2	-6	-1	65	31	23
United States	12	0	3	38	-5	-15

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

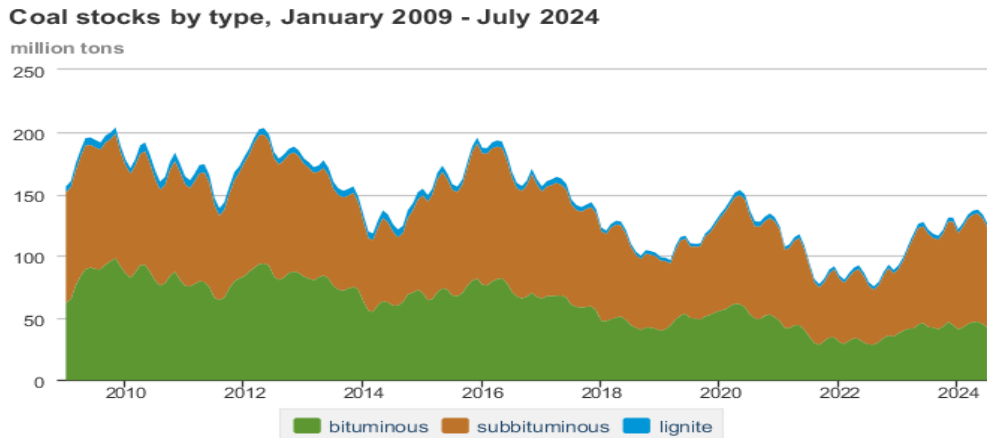
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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*.



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)	9/24/2024	\$11.02
Copper Spot Price (\$/lb)	9/25/2024	\$4.42
Gold Spot Price (\$/ounce)	9/25/2024	\$2,660.81
Lead Spot Price (\$/lb)	9/25/2024	\$0.95
Lithium Spot Price (\$/kg)	9/24/2024	\$10.31
Molybdenum Spot Price (\$/kg)	9/25/2024	\$67.57
Nickel Spot Price (\$/lb)	9/25/2024	\$7.36
Silver Spot Price (\$/ounce)	9/25/2024	\$31.82
Steel HRC Price (\$/mt)	9/25/2024	\$732.58
Steel Rebar Price (\$/mt)	9/25/2024	\$444.94
Zinc Spot Price (\$/lb)	9/25/2024	\$1.36
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	9/25/2024	\$216.00
Coal Spot Price - Central Appalachian (\$/st)	9/20/2024	\$82.15
Coal Spot Price - Newcastle futures (\$/mt)	9/25/2024	\$139.42
Coal Spot Price - Rotterdam futures (\$/mt)	9/25/2024	\$114.75
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	9/18/2024	\$2.33
Uranium Spot Price (\$/lb)	9/24/2024	\$80.45

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

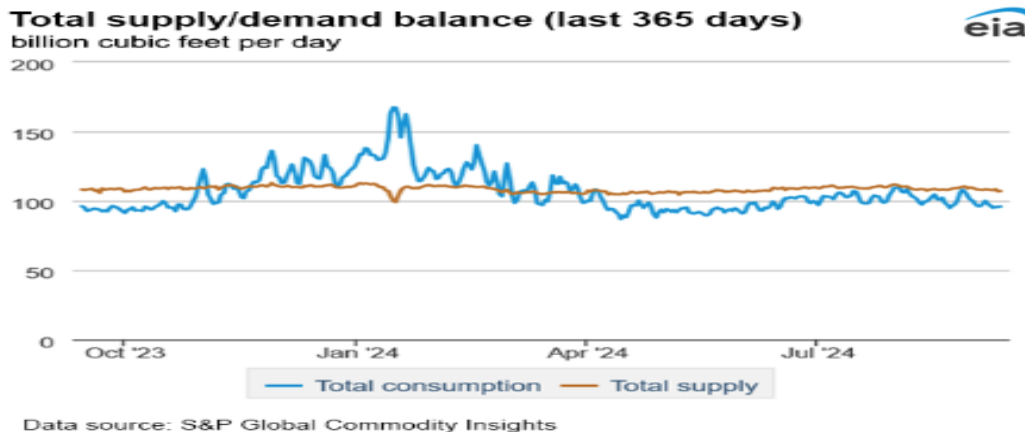
EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2024-09-13	2024-09-06	change
East	802	780	22
Midwest	973	950	23
Mountain	275	273	2
Pacific	283	285	-2
South Central	1,111	1,098	13
Total	3,445	3,387	58

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

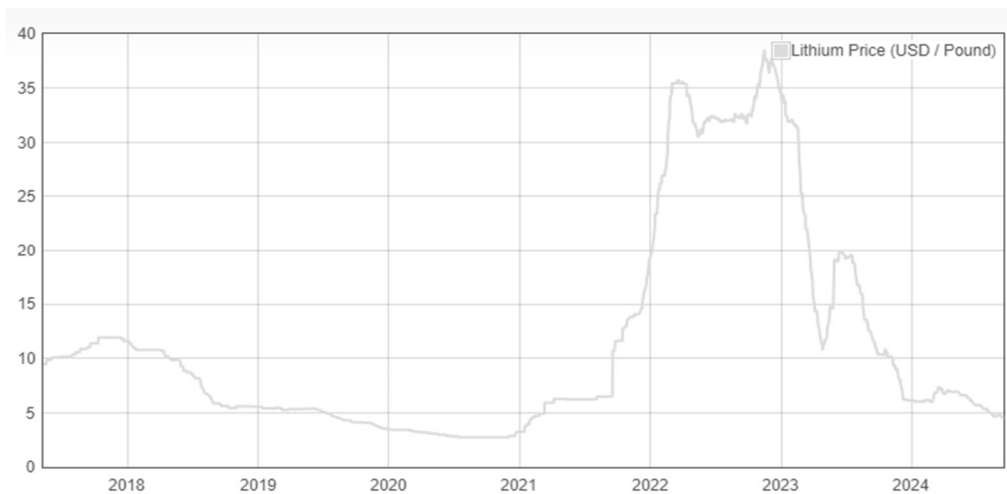
Cobalt and Lithium Prices

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>