



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

October 4, 2024 Edition
(Data for Week Ending September 28, 2024)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 39 | Dated 10/04/24

COAL PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	9/28/24	9/30/23	% Chg	9/28/24	9/28/23	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,195	11,373	-10.4%	376,690	433,937	-13.2%
52 Weeks Ended	517,522	593,043	-12.7%			
AAR Coal Rail Cars Loaded:	60,885	68,365	-10.9%	2,181,034	2,552,178	-14.5%
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		
	9/28/24	9/30/23	% Chg	9/28/24	9/30/23	% Chg
EI Electric Total Output (Mil. Kwh)	79,779	77,239	3.3%	3,197,575	3,122,132	2.4%
EI Coal Region Output (Mil. Kwh)	69,578	67,635	2.9%	2,785,888	2,716,460	2.6%
AISI Raw Steel Output (000 Tons)	1,646	1,691	-2.7%	66,212	67,325	-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)	
	9/27/24	9/20/24	% Chg	Wed.	9/25/24
Central App, 12,500 Btu, 1.2 SO ₂	\$82.15	\$82.15	0.0%	Henry Hub	2.62
Northern App, 13,000 Btu, < 3.0 SO ₂	52.55	52.55	0.0%	New York	1.62
Illinois Basin, 11,800, 5.0 SO ₂	42.50	42.50	0.0%	Chicago	2.29
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.90	13.90	0.0%	Cal.Comp.Avg.	2.50

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		
	9/28/2024 (week 39)	9/21/2024 (week 38)	9/30/2023 (week 39)	9/28/2024	9/28/2023	% Change	9/28/2024	9/30/2023	% Change
Alabama	280	294	253	10,832	8,821	22.8	13,984	11,643	20.1
Alaska	18	19	20	745	773	-3.6	976	1,087	-10.2
Colorado	263	265	222	9,754	8,674	12.4	13,389	11,925	12.3
Illinois	659	692	663	26,460	27,927	-5.3	35,377	37,648	-6.0
Indiana	386	401	447	15,335	18,302	-16.2	20,690	25,109	-17.6
Kentucky total	480	499	537	18,890	21,637	-12.7	25,314	29,381	-13.8
Eastern (KY)	207	214	233	7,979	9,422	-15.3	10,771	12,784	-15.7
Western (KY)	273	285	304	10,910	12,215	-10.7	14,543	16,597	-12.4
Louisiana	5	6	7	191	231	-17.3	247	319	-22.6
Maryland	24	25	26	943	972	-2.9	1,238	1,381	-10.4
Mississippi	48	49	50	1,458	1,814	-19.6	2,316	2,652	-12.7
Missouri	3	3	3	114	105	8.8	148	130	13.8
Montana	538	552	554	19,314	21,506	-10.2	26,725	28,652	-6.7
New Mexico	129	122	176	5,197	6,536	-20.5	6,600	9,072	-27.2
North Dakota	449	469	472	18,060	18,180	-0.7	23,835	24,895	-4.3
Ohio	31	32	37	1,328	1,527	-13.0	1,738	2,146	-19.0
Oklahoma	s	s	s	1	1	-47.9	1	2	-50.0
Pennsylvania total	795	818	812	29,711	31,430	-5.5	40,772	42,569	-4.2
Anthracite (PA)	67	69	67	2,432	2,155	12.9	3,175	2,884	10.1
Bituminous (PA)	729	749	745	27,279	29,276	-6.8	37,596	39,685	-5.3
Texas	223	237	290	8,019	10,328	-22.4	11,425	15,152	-24.6
Utah	107	113	138	4,212	5,350	-21.3	5,744	7,739	-25.8
Virginia	167	171	187	6,838	8,229	-16.9	9,180	11,351	-19.1
West Virginia total	1,499	1,548	1,590	59,335	64,644	-8.2	78,932	87,002	-9.3
Northern (WV)	756	780	833	29,708	34,135	-13.0	39,953	46,717	-14.5
Southern (WV)	744	768	757	29,627	30,509	-2.9	38,979	40,286	-3.2
Wyoming	4,091	4,265	4,888	139,952	176,952	-20.9	198,893	243,187	-18.2
Appalachian total	3,002	3,101	3,138	116,967	125,045	-6.5	156,615	168,876	-7.3
Interior total	1,598	1,672	1,764	62,489	70,923	-11.9	84,746	97,609	-13.2
Western total	5,594	5,805	6,471	197,234	237,970	-17.1	276,161	326,557	-15.4
East of Mississippi River	4,369	4,527	4,603	171,131	185,302	-7.6	229,540	250,882	-8.5
West of Mississippi River	5,825	6,051	6,771	205,559	248,635	-17.3	287,982	342,160	-15.8
Bituminous and lignite	10,128	10,509	11,307	374,258	431,782	-13.3	514,347	590,159	-12.8
Anthracite	67	69	67	2,432	2,155	12.9	3,175	2,884	10.1
U.S. total	10,195	10,578	11,373	376,690	433,937	-13.2	517,522	593,043	-12.7
Railroad cars loaded	60,885	63,164	68,365	2,181,034	2,552,178	-14.5	3,034,376	3,482,339	-12.9

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 39

OUTPUT FOR WEEK ENDED - Sep 28, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Sep 28, 2024** was **79,779** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended September 28		52 Weeks Ended September 28	
	GWh Output	% Increase Over Corresponding Week of 2023	GWh Output	% Increase Over Corresponding Week of 2023
New England	1,945	2.28 %	112,689	1.26 %
Mid-Atlantic	7,385	8.21 %	413,039	2.28 %
Central Industrial	11,700	3.29 %	651,088	2.03 %
West Central	6,150	-4.32 %	332,928	-1.93 %
Southeast	20,260	6.89 %	1,031,070	1.93 %
South Central	17,822	-3.76 %	878,303	2.09 %
Rocky Mountain	6,261	12.14 %	301,785	2.60 %
Pacific Northwest	2,640	3.94 %	159,543	-0.98 %
Pacific Southwest	5,615	8.76 %	271,142	1.28 %
Total United States	79,779	3.29 %	4,151,587	1.56 %

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2024	Week Ended	2023	% Inc. (24/23)	52 Weeks Ended	2024	% Inc. (24/23)
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 28	79,779	Sep 30	77,239	3.29 %	Sep 28	4,151,587	1.56 %
Sep 28	3,197,575	Sep 30	3,122,132	2.42 %	YEAR TO DATE, FIRST 39 WEEKS		

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	28-Sep 2024 GWh Output	30-Sep 2023 GWh Output	% Increase Over Corresponding Week	28-Sep 2024 GWh Output	30-Sep 2023 GWh Output	% Increase Over Corresponding Week	28-Sep 2024 GWh Output	30-Sep 2023 GWh Output	% Increase Over Corresponding Week
New England	1,945	1,902	2.3%	85,696	84,011	2.0%	112,689	111,271	1.3%
Mid-Atlantic	7,385	6,825	8.2%	318,173	307,678	3.4%	413,039	403,850	2.3%
Central Industrial	11,700	11,328	3.3%	501,003	485,573	3.2%	651,088	638,127	2.0%
West Central	6,150	6,427	-4.3%	253,559	257,937	-1.7%	332,928	339,475	-1.9%
Southeast	20,260	18,954	6.9%	797,993	772,458	3.3%	1,031,070	1,011,556	1.9%
South Central	17,822	18,518	-3.8%	684,404	670,149	2.1%	878,303	860,352	2.1%
Rocky Mountain	6,261	5,583	12.1%	230,755	222,666	3.6%	301,785	294,138	2.6%
Pacific Northwest	2,640	2,540	3.9%	119,466	118,717	0.6%	159,543	161,128	-1.0%
Pacific Southwest	5,615	5,162	8.8%	206,519	202,944	1.8%	271,142	267,723	1.3%
Total United States ^{1/}	79,778	77,239	3.3%	3,197,569	3,122,132	2.4%	4,151,587	4,087,620	1.6%
Coal Regions Only ^{2/}	69,578	67,635	2.9%	2,785,888	2,716,460	2.6%	3,608,213	3,547,498	1.7%

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*.

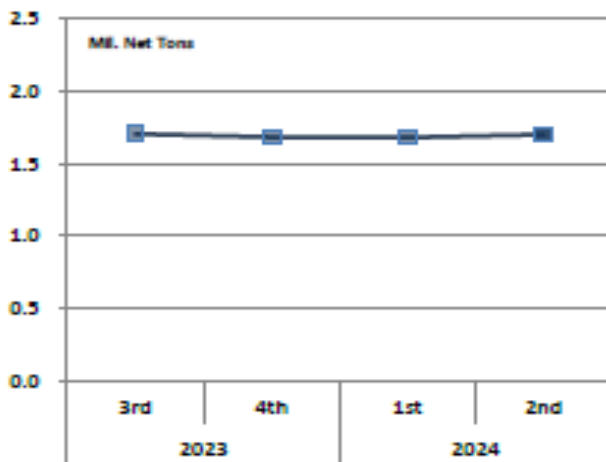
AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
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ESTIMATED WEEKLY RAW STEEL * PRODUCTION

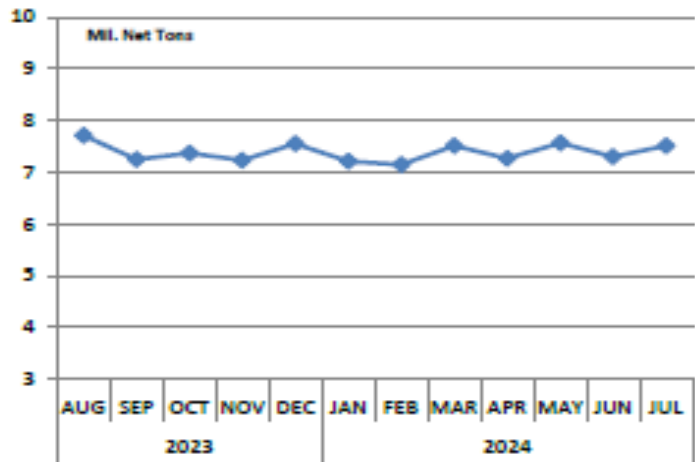
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Sep 28</u>	<u>Sep 21</u>	
<u>Week Ending</u>				North East	116	125
				Great Lakes	576	583
Sep 28, 2024	1,646	-3.6	74.1	Midwest	197	204
Sep 28, 2023	1,691	-2.7	74.4	Southern	710	742
Sep 21, 2024	1,707	-2.4	76.9	Western	47	53
				Total	1,646	1,707
<u>Year-to-Date +</u>						
Sep 28, 2024	66,212	-1.7	76.7			
Sep 28, 2023	67,325	-	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 39, 2024 – Ended September 28, 2024

	This Week		Year-To-Date		
	Cars	vs 2023	Cumulative	Avg/wk ²	vs 2023
Total Carloads	227,046	-3.5%	8,472,040	217,232	-3.3%
Chemicals	31,678	-0.2%	1,266,189	32,466	4.2%
Coal	60,885	-10.3%	2,184,226	56,006	-14.6%
Farm Products excl. Grain, and Food	17,108	3.5%	643,672	16,504	2.4%
Forest Products	8,133	-3.1%	323,066	8,284	1.8%
Grain	20,941	13.2%	773,507	19,834	10.2%
Metallic Ores and Metals	21,213	-8.1%	783,292	20,084	-3.3%
Motor Vehicles and Parts	16,705	4.6%	592,827	15,201	2.0%
Nonmetallic Minerals	30,583	-9.4%	1,157,773	29,686	-7.0%
Petroleum and Petroleum Products	10,782	6.1%	406,496	10,423	10.4%
Other	9,018	-3.4%	340,992	8,743	2.3%
Total Intermodal Units	280,491	6.2%	10,211,605	261,836	9.5%
Total Traffic	507,537	1.6%	18,683,645	479,068	3.3%

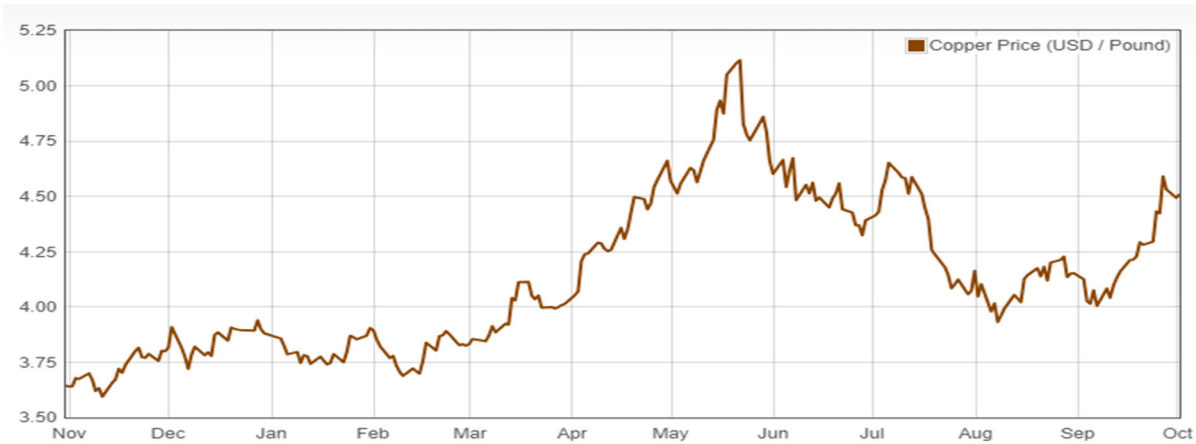
¹ Excludes U.S. operations of CPKC, CN and GMXT.

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

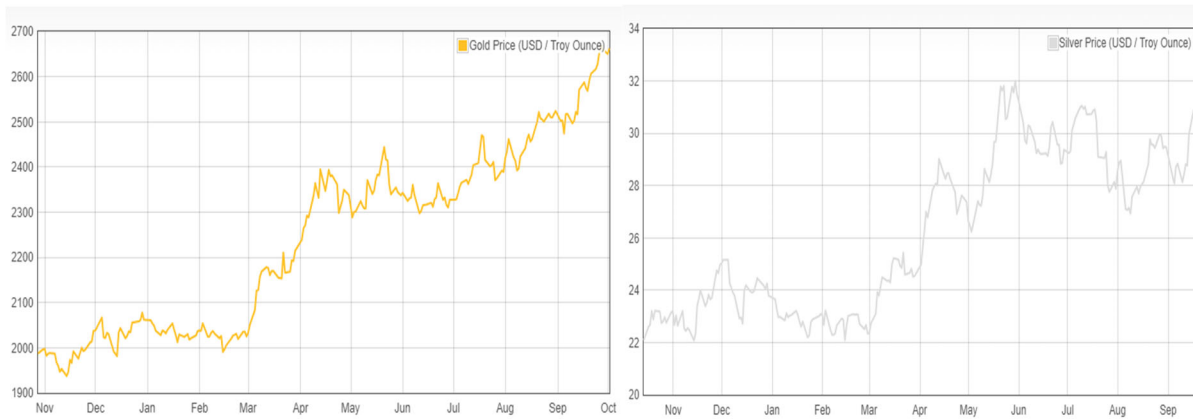
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

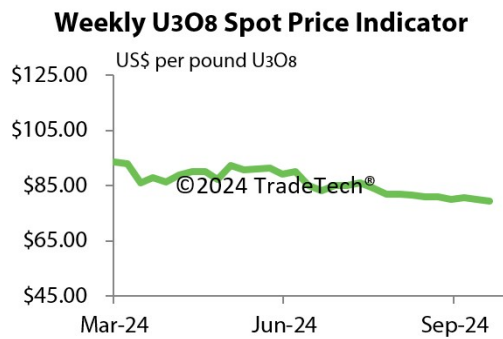


Gold and Silver Prices:



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

Trade Tech's and UX's Uranium Price Indicators



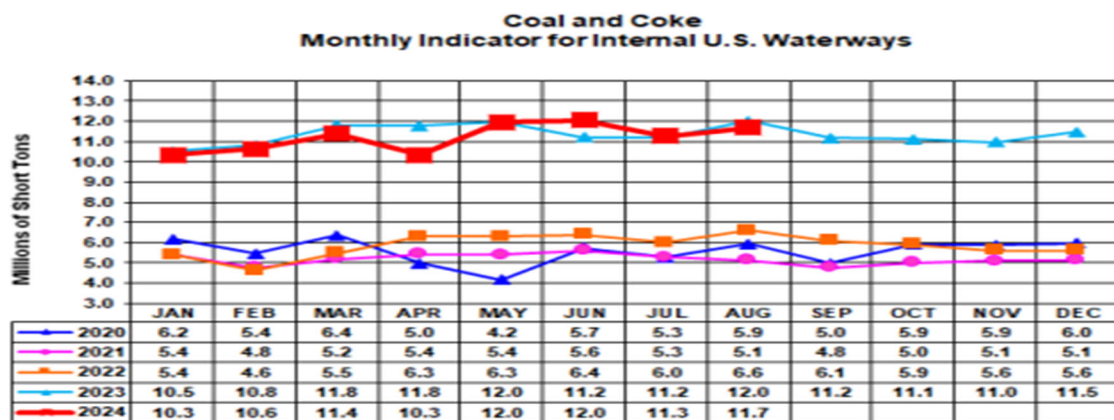
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

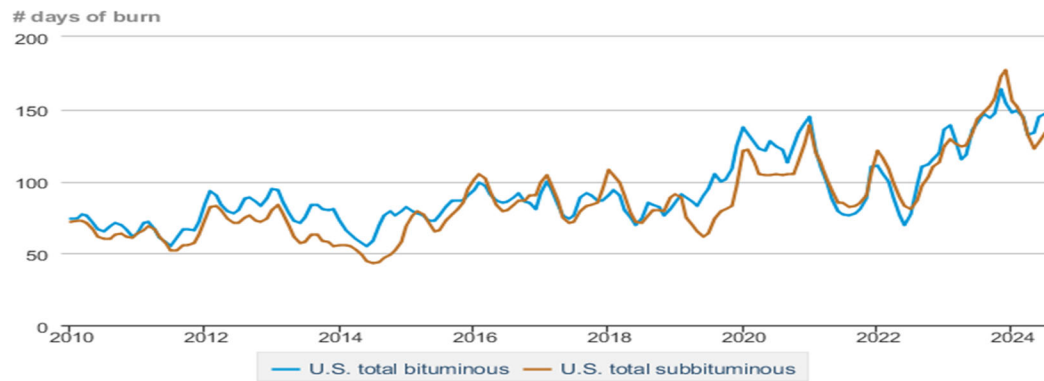
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	08/30/24	09/06/24	09/13/24	09/20/24	09/27/24	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$77.30	\$79.70	\$79.70	\$82.15	\$82.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$49.50	\$51.00	\$51.00	\$52.55	\$52.55	\$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	\$13.90	\$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 - 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 19)

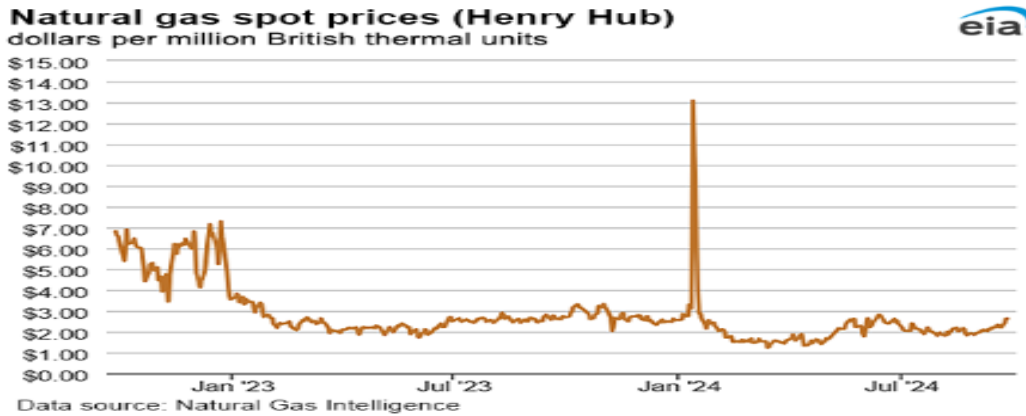
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	7	-24	-14	9	6	7
Middle Atlantic	4	-19	-17	14	2	13
E N Central	4	-23	-32	39	26	38
W N Central	1	-30	-21	58	40	42
South Atlantic	1	-5	-5	64	4	9
E S Central	1	-6	-6	60	12	19
W S Central	0	-2	0	102	22	17
Mountain	23	-13	-2	31	-7	-3
Pacific	20	8	15	5	25	-9
United States	7	-12	-11	43	8	14

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

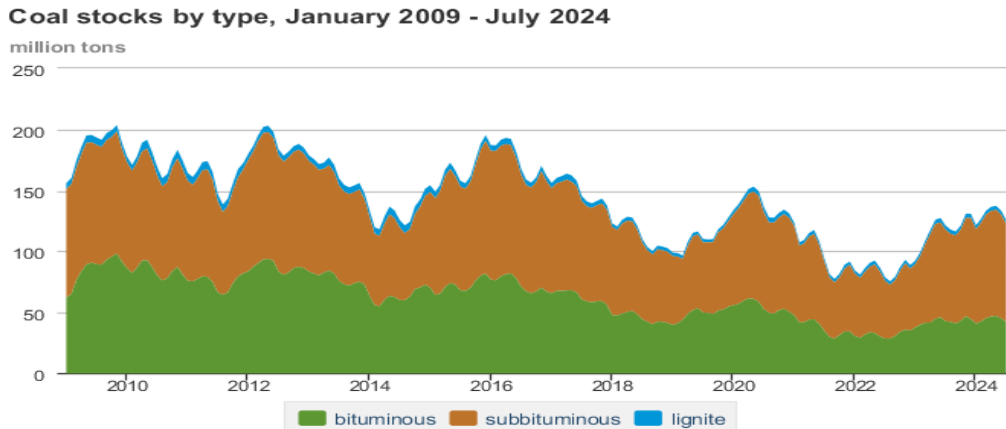
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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)	9/30/24	\$11.02
Copper Spot Price (\$/lb)	10/1/24	\$4.50
Gold Spot Price (\$/ounce)	10/1/24	\$2,648.85
Lead Spot Price (\$/lb)	10/1/24	\$0.95
Lithium Spot Price (\$/kg)	9/27/24	\$10.75
Molybdenum Spot Price (\$/kg)	9/30/24	\$67.67
Nickel Spot Price (\$/lb)	10/1/24	\$8.02
Silver Spot Price (\$/ounce)	10/1/24	\$31.35
Steel HRC Price (\$/mt)	10/1/24	\$724.50
Steel Rebar Price (\$/mt)	9/30/24	\$486.85
Zinc Spot Price (\$/lb)	10/1/24	\$1.42
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	10/1/24	\$228.00
Coal Spot Price - Central Appalachian (\$/st)	9/27/24	\$82.15
Coal Spot Price - Newcastle futures (\$/mt)	10/1/24	\$142.65
Coal Spot Price - Rotterdam futures (\$/mt)	10/1/24	\$116.00
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	9/25/24	\$2.62
Uranium Spot Price (\$/lb)	9/30/24	\$81.75

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

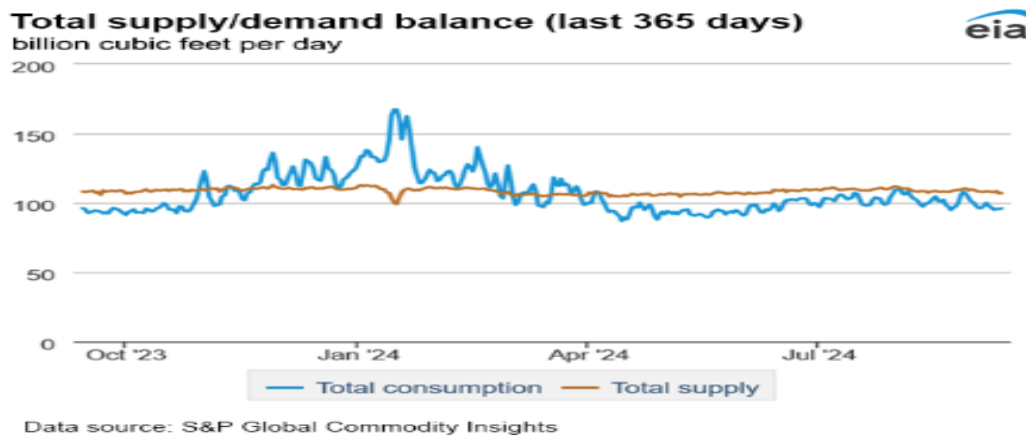
EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2024-09-20	2024-09-13	change
East	818	802	16
Midwest	993	973	20
Mountain	279	275	4
Pacific	289	283	6
South Central	1,113 C	1,111	2
Total	3,492 C	3,445	47

Data source: U.S. Energy Information Administration Form EIA-912, Weekly Underground Natural Gas Storage Report

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 - July 2024	Jul-24	Year to Date
U.S. Imports for Consumption - Metals (mt)	548	5,280
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	334	2,680
Reported LME Stocks of Cobalt Metal (mt)	115	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	16.34	11.87

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

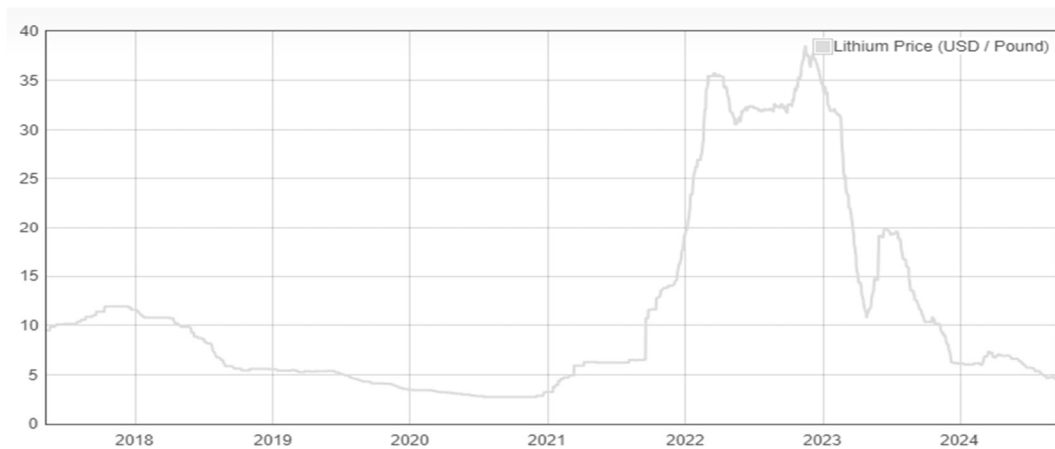
Cobalt and Lithium Prices

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>