



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

December 22, 2023 Edition
(Data for Week Ending December 16, 2023)

Prepared by
National Mining Association

101 Constitution Avenue NW, Suite 500 East
Washington, DC 20001
(202) 463-2600
www.nma.org



NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 50 | Dated 12/22/23

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	12/16/23	12/10/22	% Chg	12/16/23	12/16/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,108	12,411	-10.5%	560,393	575,142	-2.6%
52 Weeks Ended	588,571	596,189	-1.3%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	65,450	72,541	-9.8%	3,298,170	3,314,321	-0.5%
Coal Production	Nov 23/22		% Chg	Jan - Nov 23/22		% Chg
Month Ended - November	48,951	48,754	0.4%	534,674	548,483	-2.5%

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

	October 23/22		% Chg	Jan - Oct 23/22		% Chg
Coal Exports:						
Metallurgical	4,279	3,783	13.1%	42,881	38,913	10.2%
Steam Bit. *	5,131	2,839	80.7%	39,522	31,278	26.4%
Lignite	6	5	20.0%	80	65	23.1%
Anthracite	<u>41</u>	<u>52</u>	-21.2%	<u>629</u>	<u>386</u>	63.0%
Total	9,457	6,679	41.6%	83,112	70,642	17.7%
Coal Imports:	413	404	2.2%	3,442	5,332	-35.4%

	Week Ended			Cumulative Week 1 to		
	12/16/23	12/17/22	% Chg	12/16/23	12/17/22	% Chg
EI Electric Total Output (Mil. Kwh)	78,319	78,653	-0.4%	3,924,291	3,974,374	-1.3%
EI Coal Region Output (Mil. Kwh)	67,510	67,150	0.5%	3,408,051	3,445,889	-1.1%
AISI Raw Steel Output (000 Tons)	1,714	1,576	8.8%	85,354	85,377	0.0%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	12/15/23	12/08/23	% Chg	Wed.	12/13/23
Central App, 12,500 Btu, 1.2 SO ₂	\$76.30	\$74.00	3.1%	Henry Hub	2.33
Northern App, 13,000 Btu, < 3.0 SO ₂	50.00	51.00	-2.0%	New York	2.14
Illinois Basin, 11,800, 5.0 SO ₂	44.25	44.75	-1.1%	Chicago	2.08
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.00	14.00	0.0%	Cal.Comp.Avg.	4.01
Uinta Basin, 11,700 Btu, 0.8 SO ₂	28.40	28.50	-0.4%		

Coal exports and Imports are "as reported" (not revised); *Steam 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; NGI's Daily Gas Price Index

EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	12/16/2023 (week 50)	12/9/2023 (week 49)	12/10/2022 (week 50)	12/16/2023	12/16/2022	% Change	12/16/2023	12/10/2022	% Change
Alabama	223	224	219	11,367	10,126	12.3	11,863	10,372	14.4
Alaska	23	23	25	1,026	976	5.1	1,083	1,014	6.8
Colorado	213	212	252	11,074	12,407	-10.7	11,646	12,940	-10.0
Illinois	709	706	760	36,218	36,389	-0.5	37,945	37,446	1.3
Indiana	500	520	535	24,099	22,753	5.9	25,314	23,382	8.3
Kentucky total	555	577	607	27,866	27,548	1.2	29,244	28,528	2.5
Eastern (KY)	243	250	264	12,076	11,643	3.7	12,675	12,026	5.4
Western (KY)	312	327	343	15,790	15,905	-0.7	16,568	16,502	0.4
Louisiana	6	6	7	301	297	1.4	316	307	2.9
Maryland	26	25	32	1,285	1,408	-8.7	1,358	1,445	-6.0
Mississippi	46	43	65	2,356	3,269	-27.9	2,504	3,366	-25.6
Missouri	2	3	2	133	70	88.4	137	70	95.7
Montana	511	530	554	27,272	27,385	-0.4	28,530	28,515	0.1
New Mexico	151	160	195	8,313	10,251	-18.9	8,756	10,693	-18.1
North Dakota	464	463	519	23,531	25,936	-9.3	24,709	26,837	-7.9
Ohio	35	34	49	1,811	2,418	-25.1	1,922	2,535	-24.2
Oklahoma	s	s	s	2	2	-5.2	2	2	s
Pennsylvania total	818	841	877	40,539	38,539	5.2	42,530	39,959	6.4
Anthracite (PA)	60	60	57	2,811	2,399	17.2	2,941	2,484	18.4
Bituminous (PA)	758	781	820	37,728	36,141	4.4	39,589	37,475	5.6
Tennessee	s	-100.0	.	s	.
Texas	291	279	379	13,617	16,502	-17.5	14,478	17,221	-15.9
Utah	137	136	184	6,904	10,442	-33.9	7,321	10,941	-33.1
Virginia	222	229	245	10,745	10,696	0.5	11,301	11,079	2.0
West Virginia total	1,665	1,667	1,747	83,263	80,901	2.9	87,230	83,733	4.2
Northern (WV)	874	895	983	44,198	45,476	-2.8	46,431	47,151	-1.5
Southern (WV)	791	772	764	39,065	35,424	10.3	40,800	36,582	11.5
Wyoming	4,510	4,677	5,159	228,671	236,827	-3.4	240,384	245,805	-2.2
Appalachian total	3,232	3,269	3,432	161,087	155,732	3.4	168,879	161,150	4.8
Interior total	1,867	1,885	2,092	92,515	95,187	-2.8	97,264	98,295	-1.0
Western total	6,009	6,201	6,887	306,791	324,224	-5.4	322,429	336,744	-4.3
East of Mississippi River	4,799	4,866	5,135	239,550	234,048	2.4	251,209	241,846	3.9
West of Mississippi River	6,309	6,490	7,275	320,843	341,095	-5.9	337,362	354,344	-4.8
Bituminous and lignite	11,048	11,296	12,354	557,582	572,744	-2.6	585,631	593,705	-1.4
Anthracite	60	60	57	2,811	2,399	17.2	2,941	2,484	18.4
U.S. total	11,108	11,356	12,411	560,393	575,142	-2.6	588,571	596,189	-1.3
Railroad cars loaded	65,450	66,911	72,541	3,298,170	3,314,321	-0.5	3,462,874	3,437,152	0.7

Source: Energy Information Administration



Weekly Electric Output

Volume 91 No. 50

OUTPUT FOR WEEK ENDED - Dec 16, 2023

Dec 20, 2023

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Dec 16, 2023** was **78,319** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **186** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended December 16		52 Weeks Ended December 16	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,237	-7.5	111,277	-3.9
Mid-Atlantic	7,872	-4.5	404,375	-3.2
Central Industrial	12,599	-0.2	638,896	-2.3
West Central	6,332	-3.8	339,088	-0.6
Southeast	19,852	3.0	1,011,615	-1.5
South Central	15,254	5.0	866,373	3.7
Rocky Mountain	5,601	-4.9	293,975	-0.7
Pacific Northwest	3,486	-10.1	159,595	-1.4
Pacific Southwest	5,086	-2.3	267,624	-2.2
Total United States	78,319	-0.4	4,092,819	-0.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Nov 25	71,126	Nov 26	72,870	-2.4	Nov 25	4,090,181	-0.7
Dec 02	77,956	Dec 03	75,205	3.7	Dec 02	4,092,931	-0.7
Dec 09	75,237	Dec 10	75,015	0.3	Dec 09	4,093,153	-0.7
Dec 16	78,319	Dec 17	78,653	-0.4	Dec 16	4,092,818	-0.7
Dec 16	3,924,291	Dec 17	3,974,374	-1.3	YEAR TO DATE, FIRST 50 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2023	Week Ended	2022	Week Ended	2021
Nov 25	179	Nov 26	176	Nov 27	172
Dec 02	194	Dec 03	175	Dec 04	171
Dec 09	184	Dec 10	169	Dec 11	171
Dec 16	186	Dec 17	179	Dec 18	172

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

Copyright © 2023 Edison Electric Institute. All rights reserved.

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	16-Dec	17-Dec	% Increase Over Corresponding Week	16-Dec	17-Dec	% Increase Over Corresponding Week	16-Dec	17-Dec	% Increase Over Corresponding Week
	2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output	
New England	2,237	2,419	-7.5%	106,587	111,090	-4.1%	111,277	115,736	-3.9%
Mid-Atlantic	7,872	8,239	-4.5%	387,297	402,388	-3.8%	404,375	417,950	-3.2%
Central Industrial	12,599	12,627	-0.2%	611,833	630,562	-3.0%	638,896	654,167	-2.3%
West Central	6,332	6,584	-3.8%	325,069	327,816	-0.8%	339,088	340,999	-0.6%
Southeast	19,852	19,281	3.0%	967,387	992,324	-2.5%	1,011,615	1,027,344	-1.5%
South Central	15,254	14,532	5.0%	833,947	808,113	3.2%	866,373	835,461	3.7%
Rocky Mountain	5,601	5,887	-4.9%	282,519	284,686	-0.8%	293,975	296,005	-0.7%
Pacific Northwest	3,486	3,880	-10.2%	151,881	153,645	-1.1%	159,595	161,797	-1.4%
Pacific Southwest	5,086	5,204	-2.3%	257,772	263,749	-2.3%	267,624	273,778	-2.2%
Total United States ^{1/}	<u>78,319</u>	<u>78,653</u>	-0.4%	<u>3,924,291</u>	<u>3,974,373</u>	-1.3%	<u>4,092,818</u>	<u>4,123,237</u>	-0.7%
Coal Regions Only ^{2/}	67,510	67,150	0.5%	3,408,051	3,445,889	-1.1%	3,554,322	3,571,926	-0.5%

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. **Note: the year 2022 has an extra Saturday.**

^{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
 Washington, D.C. 20001

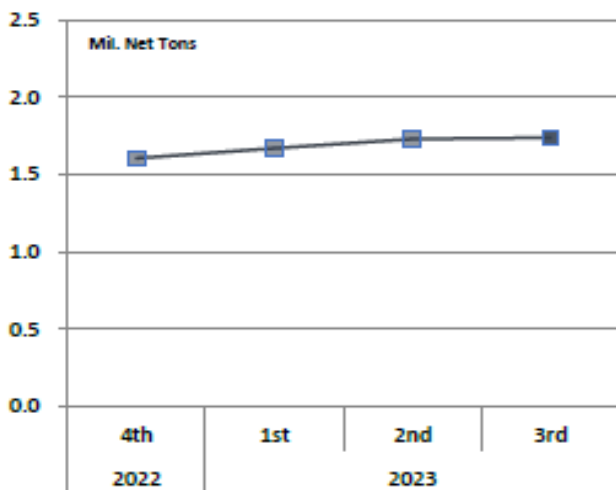
December 18, 2023

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

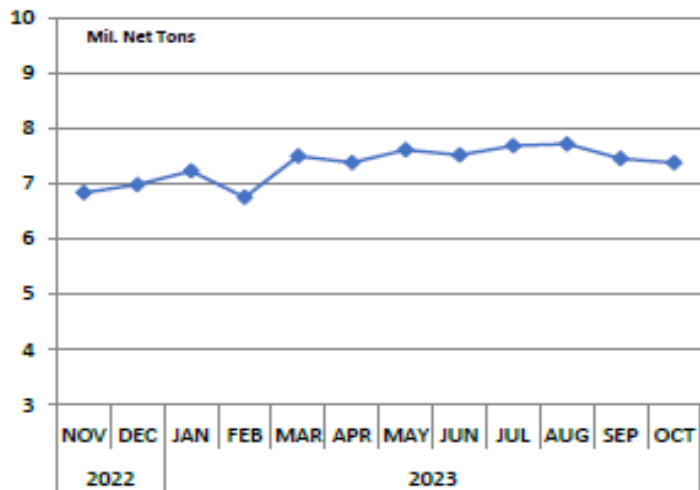
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Dec 16</u>	<u>Week Ending Dec 9</u>	
<u>Week Ending</u>				North East	133	130
				Great Lakes	560	555
Dec 16, 2023	1,714	1.0	74.6	Midwest	187	190
Dec 16, 2022	1,576	8.8	70.6	Southern	764	756
Dec 9, 2023	1,697	-0.3	73.8	Western	70	66
				Total	1,714	1,697
<u>Year-to-Date +</u>						
Dec 16, 2023	85,354	0.0	75.4			
Dec 16, 2022	85,377	-	77.5			

*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.

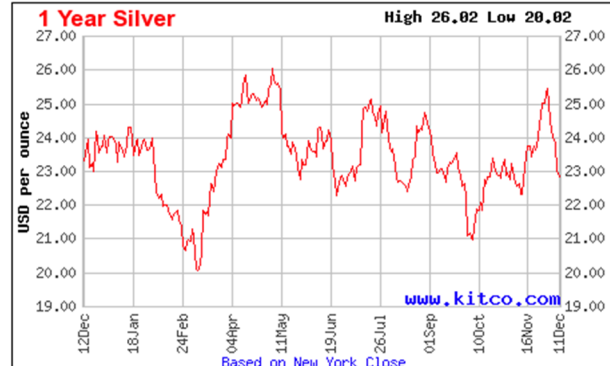
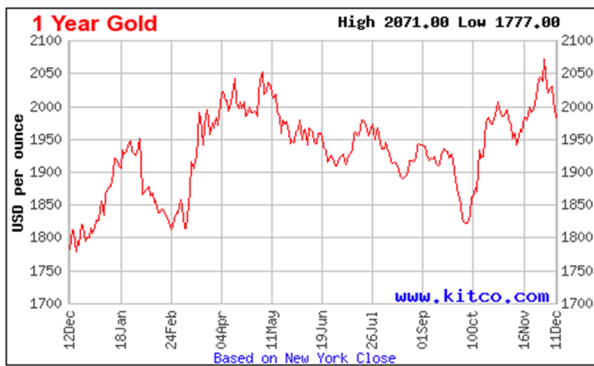
Average Weekly Raw Steel Production



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.



Source: Kitco website - www.kitco.com/connecting.html

U.S. Rail Traffic¹
Week 50, 2023 – Ended December 16, 2023

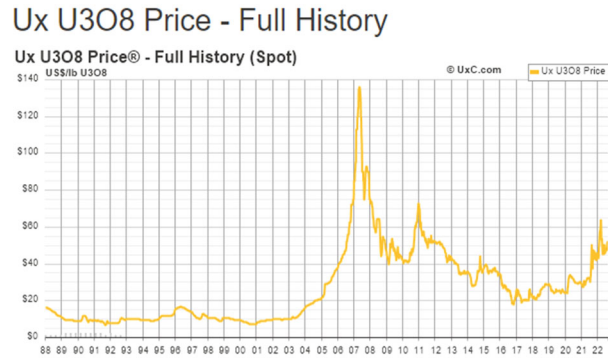
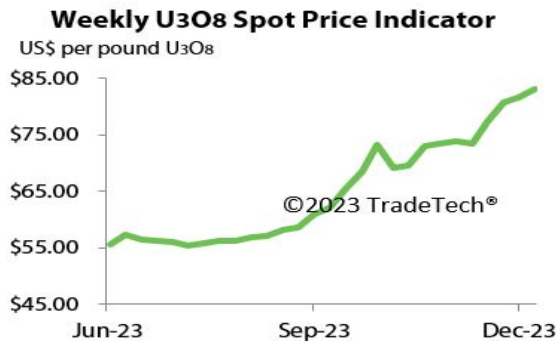
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk ²	vs 2022
Total Carloads	234,449	6.5%	11,288,867	225,777	0.3%
Chemicals	32,483	7.8%	1,556,438	31,129	-1.0%
Coal	65,450	6.3%	3,298,153	65,963	-0.5%
Farm Products excl. Grain, and Food	16,548	0.8%	812,187	16,244	1.0%
Forest Products	8,259	3.3%	406,391	8,128	-5.6%
Grain	24,275	12.0%	945,154	18,903	-10.6%
Metallic Ores and Metals	21,247	3.3%	1,034,814	20,696	4.6%
Motor Vehicles and Parts	16,795	10.2%	751,662	15,033	12.2%
Nonmetallic Minerals	29,145	0.6%	1,580,778	31,616	2.0%
Petroleum and Petroleum Products	10,798	16.0%	479,592	9,592	10.8%
Other	9,449	14.1%	423,698	8,474	-3.0%
Total Intermodal Units	268,134	8.6%	12,222,775	244,456	-5.5%
Total Traffic	502,583	7.6%	23,511,642	470,233	-2.8%

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>

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>

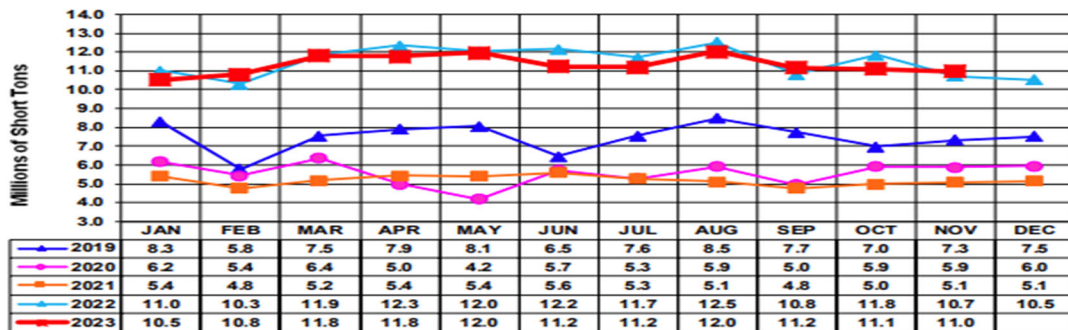
Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	September 2023		September 2022			August 2023		
		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	2,163	279	1,925	365	12.4%	2,260	316	-4.3%
	Subbituminous								
South	Bituminous	17,603	136	12,476	108	41.1%	18,921	145	-7.0%
	Subbituminous	5,594	105	3,584	63	56.1%	5,474	99	2.2%
Midwest	Bituminous	12,737	146	7,247	87	75.8%	12,761	137	-0.2%
	Subbituminous	29,159	156	17,096	111	70.6%	29,140	155	0.1%
West	Bituminous	2,647	150	3,029	163	-12.6%	2,807	148	-5.7%
	Subbituminous	29,320	166	15,536	93	88.7%	28,359	155	3.4%
U.S. Total	Bituminous	35,150	143	24,678	110	42.4%	36,749	147	-4.4%
	Subbituminous	64,073	152	36,216	97	76.9%	62,973	148	1.7%

Source: U.S. Energy Information Administration

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

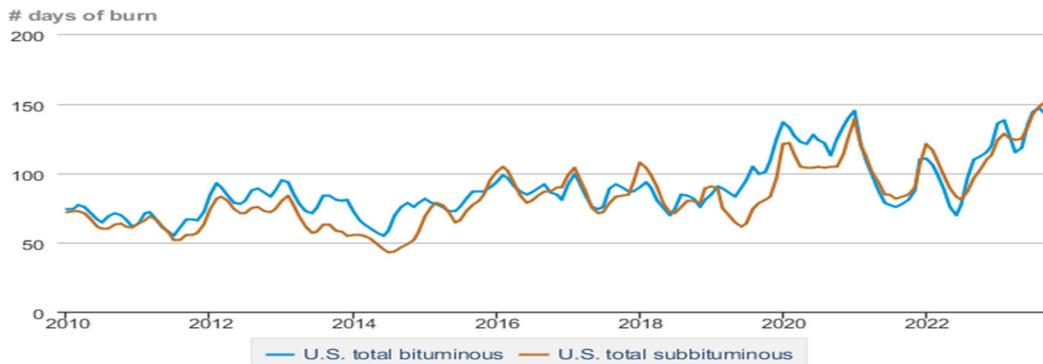
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	11/17/23	11/24/23	12/01/23	12/08/23	12/15/23	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$73.45	\$73.45	\$74.00	\$74.00	\$76.30	\$2.30
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$53.65	\$53.65	\$51.00	\$51.00	\$50.00	-\$1.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$51.00	\$51.00	\$44.75	\$44.75	\$44.25	-\$0.50
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.95	\$13.95	\$14.00	\$14.00	\$14.00	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.75	\$29.75	\$28.50	\$28.50	\$28.40	-\$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 - September 2023



eia Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Dec 07)

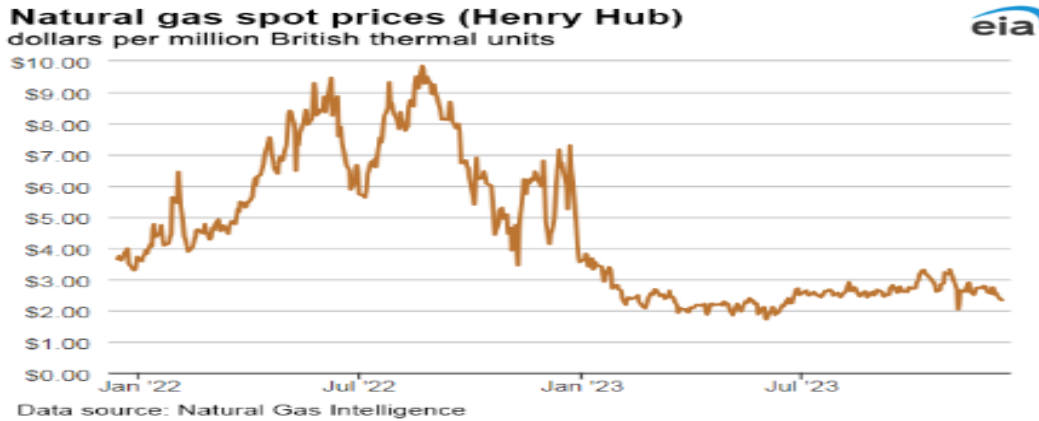
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	196	-13	-4	0	0	0
Middle Atlantic	185	-14	-63	0	0	0
E N Central	193	-35	-42	0	0	0
W N Central	210	-44	-51	0	0	0
South Atlantic	120	-19	-16	8	-1	8
E S Central	116	-26	2	0	-1	-2
W S Central	81	-24	0	1	-2	-6
Mountain	182	-31	-32	0	0	0
Pacific	92	-20	-52	0	-1	0
United States	153	-26	-37	2	0	1

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

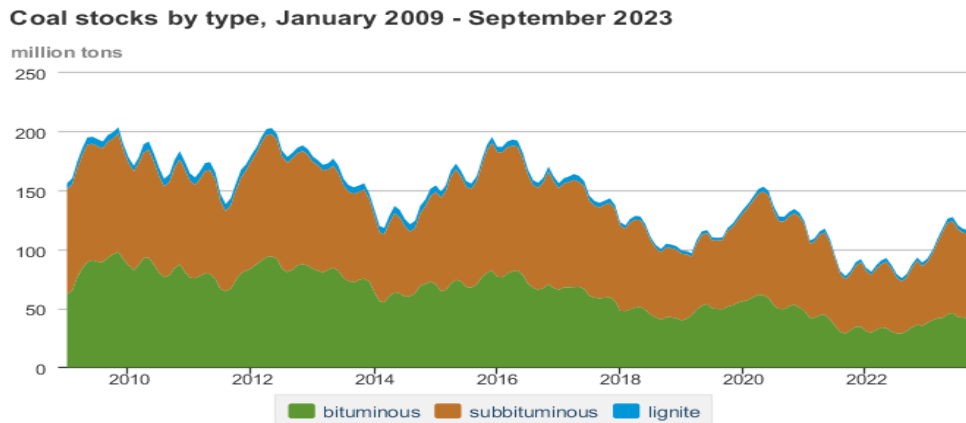
Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2023 Year to Date - 2nd Quarter	2022 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	453.0	434.0	4%
Cement (Mil. Mt.)	42.5	43.6	-3%
Copper (000 Mt.)	544.0	621.0	-12%
Gold (Mt.)	79.1	83.6	-5%
Gypsum (Mil. Mt.)	9.5	9.0	6%
Iron Ore (Mil. Mt.)	20.7	18.7	11%
Lead (000 Mt.)	140.0	141.0	-1%
Molybdenum (000 Mt.)	16.5	16.5	0%
Palladium (Mt.)	4.8	5.5	-13%
Phosphate rock (Mil. Mt.)	9.9	9.8	1%
Platinum (Mt.)	1.5	1.6	-6%
Sand & gravel, construction (Mil. Mt.)	411.0	437.0	-6%
Silver (Mt.)	538.0	514.0	5%
Soda ash (Mil. Mt.)	5.4	5.5	-2%
Stone, crushed (Mil. Mt.)	712.0	708.0	1%
Zinc (000 Mt.)	366.0	375.0	-2%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2022 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)	12/18/23	\$13.21
Copper Spot Price (\$/lb)	12/19/23	\$3.90
Gold Spot Price (\$/ounce)	12/19/23	\$2,039.02
Lead Spot Price (\$/lb)	12/18/23	\$0.91
Lithium Spot Price (\$/kg)	12/19/23	\$13.66
Molybdenum Spot Price (\$/kg)	12/18/23	\$43.00
Nickel Spot Price (\$/lb)	12/18/23	\$7.30
Silver Spot Price (\$/ounce)	12/19/23	\$24.05
Steel HRC Price (\$/mt)	12/19/23	\$1,122.80
Steel Rebar Price (\$/mt)	12/19/23	\$542.61
Zinc Spot Price (\$/lb)	12/19/23	\$1.16
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	12/18/23	\$314.50
Coal Spot Price - Central Appalachian (\$/st)	12/15/23	\$76.30
Coal Spot Price - Newcastle futures (\$/mt)	12/18/23	\$145.08
Coal Spot Price - Rotterdam futures (\$/mt)	12/18/23	\$117.20
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	12/13/23	\$2.33
Uranium Spot Price (\$/lb)	12/11/23	\$82.30

Sources: publicly 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)		
	2023-12-08	2023-12-01	change
East	857	876	-19
Midwest	1,055	1,082	-27
Mountain	243	245	-2
Pacific	289	289	0
South Central	1,219	1,228	-9
Total	3,664	3,719	-55

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

Drilling Productivity Report

Release Date: December 18, 2023 | Next Release Date: January 16, 2024 | [full report](#)

Pr
Se

NEW-WELL PRODUCTION PER RIG BY REGION

PRODUCTION BY REGION

DUC WELLS BY REGION

Region	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day		
	December 2023	January 2024	change	December 2023	January 2024	change
Anadarko	698	712	14	4,659	4,775	116
Appalachia	208	209	1	26,442	26,569	127
Bakken	1,818	1,838	20	2,705	2,746	41
Eagle Ford	1,590	1,629	39	5,930	5,989	59
Haynesville	18	18	-	13,239	13,517	278
Niobrara	1,469	1,484	15	4,347	4,434	87
Permian	1,319	1,332	13	2,450	2,489	39
Rig-weighted average	1,155	1,168	13	5,652	5,754	102

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - September 2023	Sep-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	614	5,580
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	448	3,810
Reported LME Stocks of Cobalt Metal (mt)	92	-
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	17.5	14.85

Source: USGS, Mineral Industry Survey, Cobalt in September, December 2023

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>