



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

June 23, 2023 Edition
(Data for Week Ending June 17, 2023)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 24 | Dated 06/23/23

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/17/23	06/11/22	% Chg	06/17/23	06/17/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,593	11,689	-0.8%	275,148	274,116	0.4%
52 Weeks Ended	605,737	587,689	3.1%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	66,441	66,607	-0.2%	1,575,734	1,555,680	1.3%
Coal Production	Apr 23/22		% Chg	Jan - Apr 23/22		% Chg
Month Ended - May	49,707	49,912	-0.4%	247,245	245,627	0.7%

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

	Apr 23/22		% Chg	Jan - Apr 23/22		% Chg
Coal Exports:						
Metallurgical	3,969	4,228	-6.1%	16,401	14,704	11.5%
Steam Bit. *	3,401	3,734	-8.9%	15,366	13,418	14.5%
Lignite	10	6	66.7%	34	25	36.0%
Anthracite	<u>37</u>	<u>85</u>	-56.5%	<u>248</u>	<u>104</u>	138.5%
Total	7,417	8,053	-7.9%	32,049	28,251	13.4%
Coal Imports:	426	684	-37.7%	1,447	2,006	-27.9%

	Week Ended			Cumulative Week 1 to		
	06/17/23	06/18/22	% Chg	06/17/23	06/18/22	% Chg
EEl Electric Total Output (Mil. Kwh)	79,471	91,360	-13.0%	1,783,104	1,857,534	-4.0%
EEl Coal Region Output (Mil. Kwh)	69,690	81,131	-14.1%	1,541,981	1,614,589	-4.5%
AISI Raw Steel Output (000 Tons)	1,743	1,738	0.3%	40,728	42,006	-3.0%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	06/16/23	06/09/23	% Chg	Wed.	6/21/23
Central App, 12,500 Btu, 1.2 SO ₂	\$65.50	\$76.90	-14.8%	Henry Hub	2.23
Northern App, 13,000 Btu, < 3.0 SO ₂	56.00	63.40	-11.7%	New York	1.34
Illinois Basin, 11,800, 5.0 SO ₂	52.75	65.00	-18.8%	Chicago	2.17
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.45	14.55	-0.7%	Cal.Comp.Avg.	2.48
Uinta Basin, 11,700 Btu, 0.8 SO ₂	34.00	34.15	-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		
	6/17/2023 (week 24)	6/10/2023 (week 23)	6/11/2022 (week 24)	6/17/2023	6/17/2022	% Change	6/17/2023	6/11/2022	% Change
Alabama	224	224	199	5,255	4,717	11.4	11,118	9,193	20.9
Alaska	19	18	17	480	454	5.8	1,055	985	7.1
Colorado	250	253	286	5,673	5,864	-3.2	12,839	13,014	-1.3
Illinois	835	789	875	18,969	18,669	1.6	39,403	35,812	10.0
Indiana	519	517	470	12,367	10,309	20.0	25,977	20,805	24.9
Kentucky total	577	573	575	13,885	13,253	4.8	29,586	27,384	8.0
Eastern (KY)	255	256	252	5,994	5,522	8.6	12,718	11,147	14.1
Western (KY)	322	317	322	7,891	7,731	2.1	16,868	16,238	3.9
Louisiana	6	6	7	143	133	7.5	323	320	0.9
Maryland	28	28	29	637	626	1.8	1,389	1,285	8.1
Mississippi	68	69	76	1,376	1,556	-11.6	3,254	3,218	1.1
Missouri	2	2	1	54	33	63.2	96	43	123.3
Montana	536	533	585	12,830	13,276	-3.4	28,295	29,403	-3.8
New Mexico	202	204	201	4,494	4,935	-8.9	10,282	10,043	2.4
North Dakota	508	513	484	12,305	12,346	-0.3	27,108	26,617	1.8
Ohio	41	41	51	971	1,258	-22.8	2,250	2,792	-19.4
Oklahoma	s	s	.	1	s	136.5	2	1	100.0
Pennsylvania total	776	772	801	18,896	18,852	0.2	40,544	39,705	2.1
Anthracite (PA)	52	51	48	1,302	1,150	13.2	2,712	2,330	16.4
Bituminous (PA)	724	721	752	17,594	17,702	-0.6	37,832	37,375	1.2
Tennessee	s	s	s	s	s	2.4	1	s	100.0
Texas	305	302	334	7,125	7,672	-7.1	16,826	17,819	-5.6
Utah	176	168	192	3,997	5,302	-24.6	9,585	11,954	-19.8
Virginia	215	210	206	5,289	4,847	9.1	11,615	10,812	7.4
West Virginia total	1,702	1,661	1,688	40,740	38,884	4.8	86,804	80,123	8.3
Northern (WV)	939	926	927	22,079	21,640	2.0	48,213	45,029	7.1
Southern (WV)	763	735	761	18,661	17,245	8.2	38,591	35,095	10.0
Wyoming	4,603	4,585	4,612	109,662	111,128	-1.3	247,386	246,358	0.4
Appalachian total	3,242	3,191	3,226	77,782	74,706	4.1	166,438	155,058	7.3
Interior total	2,057	2,002	2,086	47,924	46,105	3.9	102,748	94,256	9.0
Western total	6,294	6,273	6,378	149,441	153,305	-2.5	336,551	338,374	-0.5
East of Mississippi River	4,986	4,884	4,969	118,384	112,972	4.8	251,940	231,131	9.0
West of Mississippi River	6,607	6,582	6,720	156,764	161,144	-2.7	353,797	356,558	-0.8
Bituminous and lignite	11,541	11,416	11,641	273,846	272,966	0.3	603,025	585,359	3.0
Anthracite	52	51	48	1,302	1,150	13.2	2,712	2,330	16.4
U.S. total	11,593	11,466	11,689	275,148	274,116	0.4	605,737	587,689	3.1
Railroad cars loaded	66,441	65,710	66,607	1,575,734	1,555,680	1.3	3,503,170	3,394,982	3.2

Source: Energy Information Administration



Weekly Electric Output

Volume 91 No. 24

OUTPUT FOR WEEK ENDED - Jun 17, 2023

Jun 22, 2023

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jun 17, 2023** was **79,471** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 17		52 Weeks Ended June 17	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,055	-6.5	112,714	-3.0
Mid-Atlantic	7,482	-12.9	406,650	-3.4
Central Industrial	11,432	-24.1	641,113	-2.6
West Central	6,586	-13.5	339,190	-0.1
Southeast	19,691	-17.0	1,005,849	-2.1
South Central	19,220	-3.8	832,598	2.7
Rocky Mountain	5,279	-14.5	294,150	-0.1
Pacific Northwest	2,709	3.5	162,015	0.9
Pacific Southwest	5,017	-7.3	274,192	2.1
Total United States	79,471	-13.0	4,068,471	-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)
May 27	72,230	May 28	75,320	-4.1	May 27	4,090,396	0.0
Jun 03	76,617	Jun 04	80,794	-5.2	Jun 03	4,086,219	-0.3
Jun 10	76,117	Jun 11	81,976	-7.1	Jun 10	4,080,360	-0.3
Jun 17	79,471	Jun 18	91,360	-13.0	Jun 17	4,068,471	-0.7
Jun 17	1,783,104	Jun 18	1,857,534	-4.0	YEAR TO DATE, FIRST 24 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2023	Week Ended	2022	Week Ended	2021
May 27	184	May 28	171	May 29	170
Jun 03	186	Jun 04	181	Jun 05	161
Jun 10	182	Jun 11	173	Jun 12	181
Jun 17	178	Jun 18	193	Jun 19	180

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	17-Jun	18-Jun	% Increase Over Corresponding Week	17-Jun	18-Jun	% Increase Over Corresponding Week	17-Jun	18-Jun	% Increase Over Corresponding Week
	2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output		2023 GWh Output	2022 GWh Output	
New England	2,055	2,198	-6.5%	48,673	51,739	-5.9%	112,714	116,143	-3.0%
Mid-Atlantic	7,482	8,591	-12.9%	175,409	188,221	-6.8%	406,650	421,155	-3.4%
Central Industrial	11,432	15,063	-24.1%	287,641	304,152	-5.4%	641,113	658,178	-2.6%
West Central	6,586	7,616	-13.5%	150,164	152,809	-1.7%	339,190	339,412	-0.1%
Southeast	19,691	23,716	-17.0%	440,319	471,023	-6.5%	1,005,849	1,027,220	-2.1%
South Central	19,220	19,972	-3.8%	362,925	370,865	-2.1%	832,598	810,785	2.7%
Rocky Mountain	5,279	6,173	-14.5%	125,524	127,519	-1.6%	294,150	294,356	-0.1%
Pacific Northwest	2,709	2,617	3.5%	77,581	76,927	0.9%	162,015	160,562	0.9%
Pacific Southwest	5,017	5,414	-7.3%	114,869	114,279	0.5%	274,192	268,676	2.1%
Total United States ^{1/}	<u>79,471</u>	<u>91,360</u>	-13.0%	<u>1,783,104</u>	<u>1,857,534</u>	-4.0%	<u>4,068,471</u>	<u>4,096,487</u>	-0.7%
Coal Regions Only ^{2/}	69,690	81,131	-14.1%	1,541,981	1,614,589	-4.5%	3,519,550	3,551,106	-0.9%

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. **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
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June 20, 2023

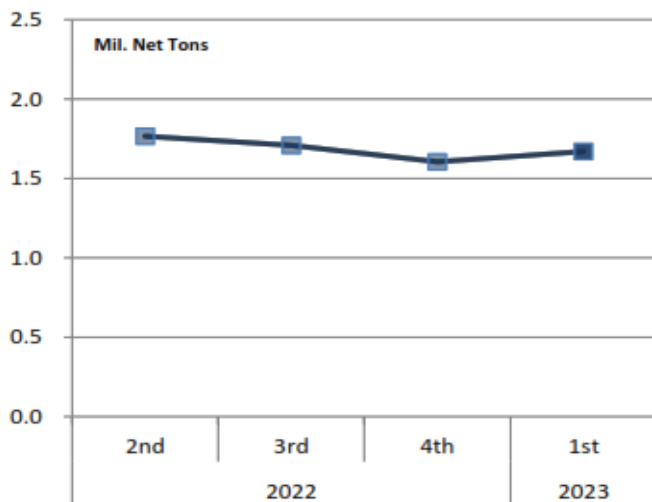
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending June 17</u>	<u>Week Ending June 10</u>	
<u>Week Ending</u>				North East	142	137
				Great Lakes	564	560
June 17, 2023	1,743	0.2	77.5	Midwest	214	211
June 17, 2022	1,738	0.3	79.6	Southern	760	766
June 10, 2023	1,739	-0.9	77.3	Western	63	65
				Total	1,743	1,739
<u>Year-to-Date +</u>						
June 17, 2023	40,728	-3.0	75.7			
June 17, 2022	42,006	-	80.3			

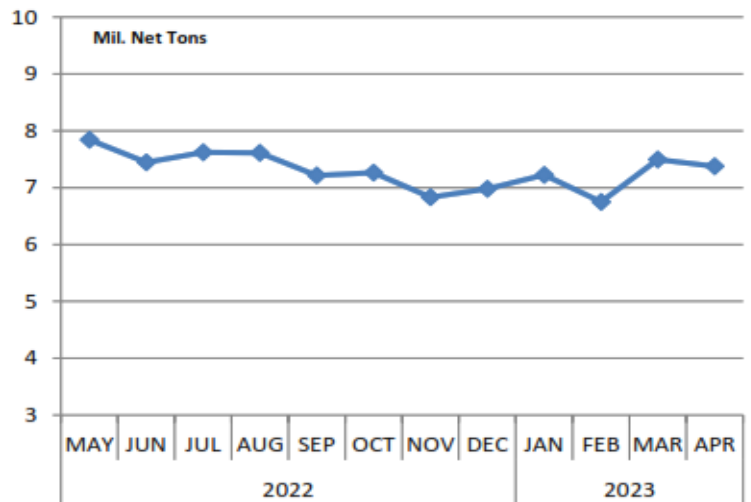
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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.

NOTE: Rate of capability utilization for December 2022 was approximately 70.6%.

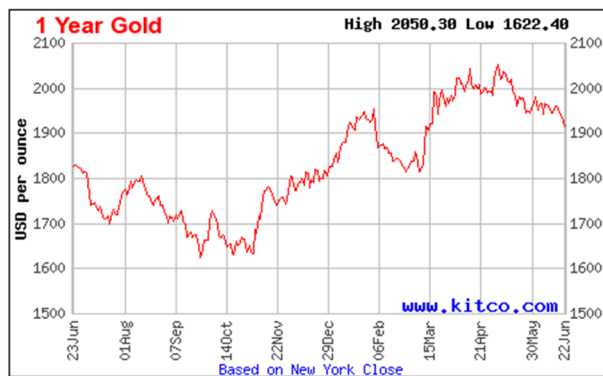
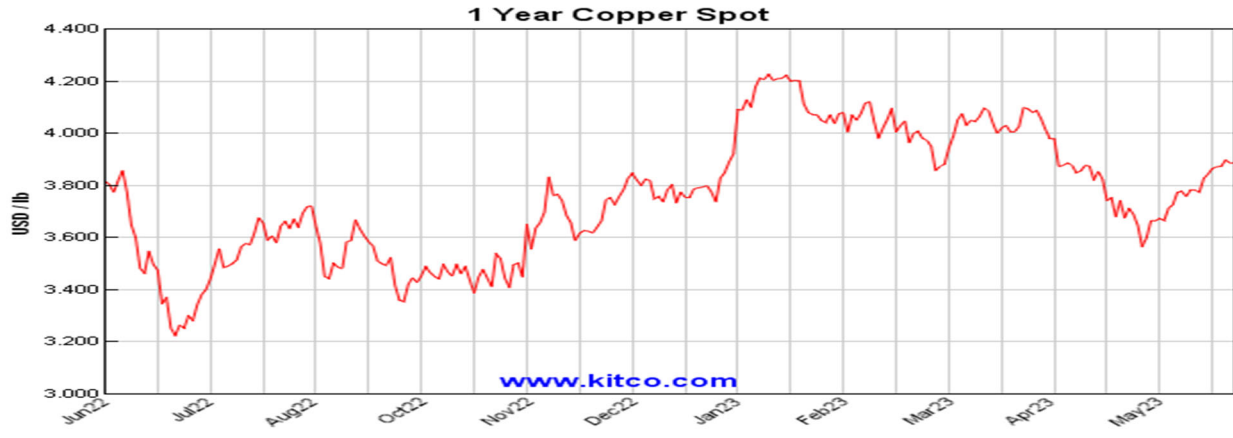
Average Weekly Raw Steel Production



Monthly Raw Steel Production



*Steel in the first half of the year is available for bar processing only, including 500,000 net tons of steel cast in the first half of the year. National Mining Association, 101 Constitution Avenue, Suite 500 East, Washington, DC 20001, Phone (202) 463-2600, <http://www.nma.org>



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

U.S. Rail Traffic¹
 Week 24, 2023 – Ended June 17, 2023

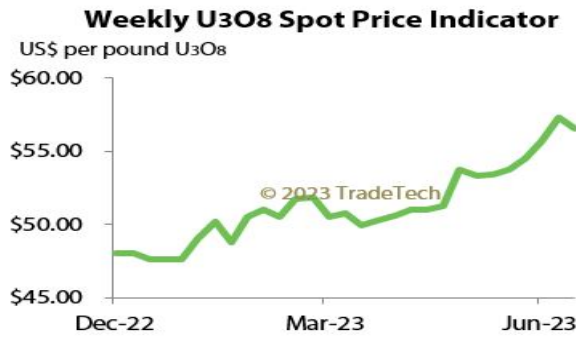
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk ²	vs 2022
Total Carloads	228,724	1.2%	5,396,609	224,859	0.7%
Chemicals	29,780	-6.5%	747,192	31,133	-4.7%
Coal	66,441	0.2%	1,575,707	65,654	1.2%
Farm Products excl. Grain, and Food	16,259	2.6%	392,001	16,333	1.9%
Forest Products	8,284	-3.2%	197,353	8,223	-6.2%
Grain	15,795	-23.6%	470,627	19,609	-9.0%
Metallic Ores and Metals	22,124	11.8%	490,091	20,420	5.0%
Motor Vehicles and Parts	16,215	21.9%	352,178	14,674	12.7%
Nonmetallic Minerals	34,495	8.1%	746,604	31,109	4.8%
Petroleum and Petroleum Products	10,078	10.8%	222,713	9,280	10.1%
Other	9,253	6.1%	202,143	8,423	-4.8%
Total Intermodal Units	248,402	-6.5%	5,615,250	233,969	-10.7%
Total Traffic	477,126	-3.0%	11,011,859	458,827	-5.5%

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.

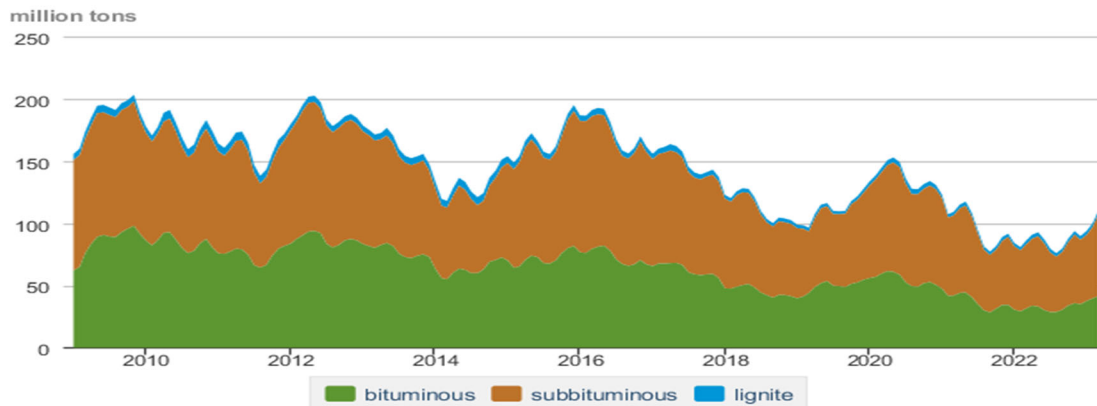
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

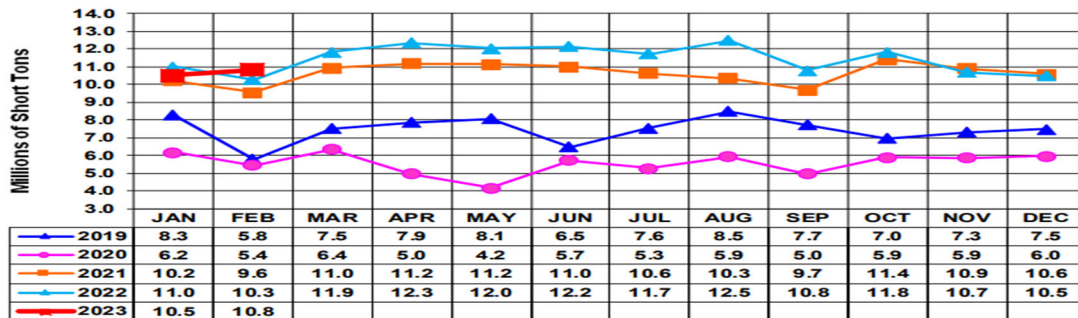
Coal stocks by type, January 2009 - March 2023



eia Data 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

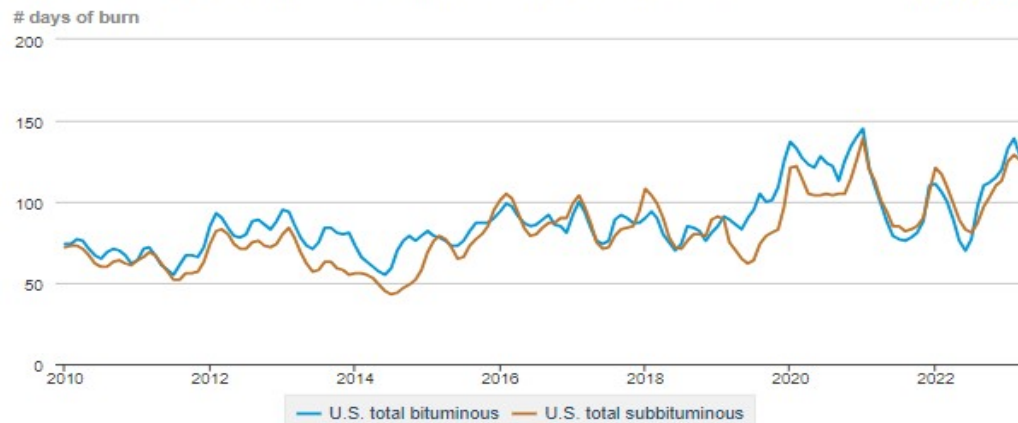
	Week ending					Week ago change
	05/19/23	05/26/23	06/02/23	06/09/23	06/16/23	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.75	\$74.60	\$76.90	\$76.90	\$65.50	\$-11.40
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$67.25	\$61.50	\$63.40	\$63.40	\$56.00	\$-7.40
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$66.25	\$65.00	\$65.00	\$65.00	\$52.75	\$-12.25
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$15.25	\$14.60	\$14.55	\$14.55	\$14.45	\$-0.10
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$34.45	\$34.30	\$34.15	\$34.15	\$34.00	\$-0.15

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 - March 2023

[DOWNLOAD](#)



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

Temperature – heating & cooling degree days (week ending Jun 15)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	18	2	13	8	-3	-6
Middle Atlantic	12	1	8	11	-12	-15
E N Central	30	16	19	6	-25	-37
W N Central	13	0	9	26	-15	-42
South Atlantic	3	1	3	60	-11	-31
E S Central	4	3	4	51	-14	-38
W S Central	0	0	0	106	9	-29
Mountain	26	1	14	26	-23	-45
Pacific	18	0	9	2	-18	-33
United States	16	4	10	33	-13	-31

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 - 1st Quarter	2022 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	223.0	215.0	4%
Cement (Mil. Mt.)	18.4	19.0	-3%
Copper (000 Mt.)	291.0	308.0	-6%
Gold (Mt.)	40.4	40.2	0%
Gypsum (Mil. Mt.)	4.7	4.3	9%
Iron Ore (Mil. Mt.)	10.1	8.7	16%
Lead (000 Mt.)	67.2	68.6	-2%
Molybdenum (000 Mt.)	8.1	8.8	-8%
Palladium (Mt.)	2.4	2.9	-17%
Phosphate rock (Mil. Mt.)	4.6	4.6	0%
Platinum (Mt.)	0.7	0.9	-22%
Sand & gravel, construction (Mil. Mt.)	160.0	175.0	-9%
Silver (Mt.)	269.0	258.0	4%
Soda ash (Mil. Mt.)	2.6	2.8	-7%
Stone, crushed (Mil. Mt.)	300.0	295.0	2%
Zinc (000 Mt.)	178.0	180.0	-1%

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

Natural gas spot prices (Henry Hub)
dollars per million British thermal units



Data source: Natural Gas Intelligence

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

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

Zone	Coal	March 2023		March 2022		% Change of Stocks	February 2023		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,903	365	1,507	259	92.6%	2,891	365	0.4%
	Subbituminous								
South	Bituminous	20,205	128	12,797	93	57.9%	19,412	140	4.1%
	Subbituminous	5,201	100	3,374	69	54.2%	4,792	104	8.5%
Midwest	Bituminous	10,204	112	7,834	95	30.2%	9,643	117	5.8%
	Subbituminous	27,824	134	20,055	123	38.7%	24,420	136	13.9%
West	Bituminous	2,481	145	2,579	145	-3.8%	2,316	152	7.1%
	Subbituminous	23,981	126	19,376	110	23.8%	21,111	127	13.6%
U.S. Total	Bituminous	35,793	129	24,717	100	44.8%	34,262	139	4.5%
	Subbituminous	57,006	126	42,804	109	33.2%	50,322	129	13.3%

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)	6/19/23	\$13.39
Copper Spot Price (\$/lb)	6/20/23	\$3.87
Gold Spot Price (\$/ounce)	6/20/23	\$1,953.85
Lead Spot Price (\$/lb)	6/19/23	\$0.99
Lithium Spot Price (\$/kg)	6/20/23	\$43.54
Molybdenum Spot Price (\$/kg)	6/19/23	\$51.88
Nickel Spot Price (\$/lb)	6/19/23	\$10.16
Silver Spot Price (\$/ounce)	6/20/23	\$23.77
Steel HRC Price (\$/mt)	6/19/23	\$901.45
Steel Rebar Price (\$/mt)	6/20/23	\$521.43
Zinc Spot Price (\$/lb)	6/20/23	\$1.07
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	6/20/23	\$234.00
Coal Spot Price - Central Appalachian (\$/st)	6/16/23	\$65.50
Coal Spot Price - Newcastle futures (\$/mt)	6/20/23	\$123.86
Coal Spot Price - Rotterdam futures (\$/mt)	6/20/23	\$117.20
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	6/14/23	\$2.08
Uranium Spot Price (\$/lb)	6/12/23	\$57.75

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)		
	2023-06-16	2023-06-09	change
East	599	574	25
Midwest	658	632	26
Mountain	157	148	9
Pacific	191	176	15
South Central	1,125	1,105	20
Total	2,729	2,634	95

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

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		
	May 2023	June 2023	change	May 2023	June 2023	change
Anadarko	665	666	1	3,984	4,016	32
Appalachia	191	191	-	23,750	23,346	(404)
Bakken	1,686	1,688	2	2,510	2,514	4
Eagle Ford	1,386	1,370	(16)	5,695	5,621	(74)
Haynesville	19	19	-	10,723	10,712	(11)
Niobrara	1,416	1,423	7	3,839	3,897	58
Permian	1,054	1,053	(1)	2,030	2,010	(20)
Rig-weighted average	937	937	-	5,266	5,212	(54)

Source: Energy Information Administration, *Drilling Productivity Report*

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

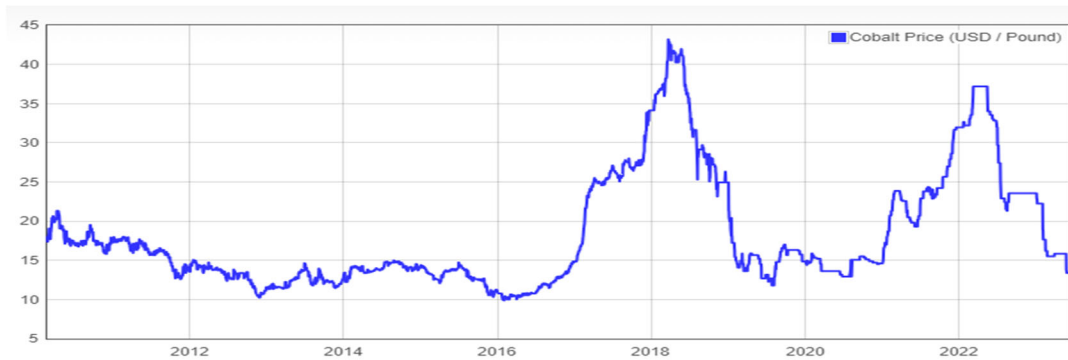
Cobalt - March 2023	Mar-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	838	1,190
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	535	1,270
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	114
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	16.94	15.23

Source: USGS, Mineral Industry Survey, Cobalt in March 2023, June 2023

Source: USGS, Mineral Industry Survey, Cobalt in January 2023, March 2023

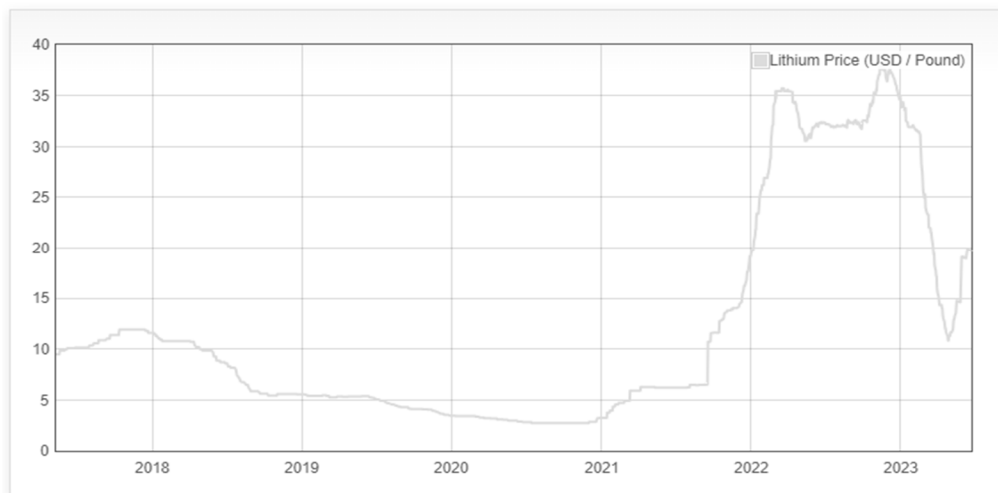
Cobalt and Lithium Prices

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>