



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

August 4, 2023 Edition
(Data for Week Ending July 29, 2023)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 30 | Dated 08/04/23

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/29/23	07/23/22	% Chg	07/29/23	07/29/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,774	11,656	1.0%	341,360	341,090	0.1%
52 Weeks Ended	605,460	587,673	3.0%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	67,915	67,719	0.3%	1,955,528	1,943,869	0.6%
Coal Production	Jun 23/22		% Chg	Jan - June 23/22		% Chg
Month Ended - June	48,064	48,939	-1.8%	295,308	294,685	0.2%

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

	May 23/22		% Chg	Jan - May 23/22		% Chg
Coal Exports:						
Metallurgical	4,690	4,286	9.4%	21,091	18,991	11.1%
Steam Bit. *	3,881	3,055	27.0%	19,248	16,473	16.8%
Lignite	9	10	-10.0%	43	35	22.9%
Anthracite	<u>116</u>	<u>19</u>	510.5%	<u>364</u>	<u>123</u>	195.9%
Total	8,696	7,370	18.0%	40,746	35,622	14.4%
Coal Imports:	305	325	-6.2%	1,752	2,330	-24.8%

	Week Ended			Cumulative Week 1 to		
	07/29/23	07/30/22	% Chg	07/29/23	07/30/22	% Chg
EI Electric Total Output (Mil. Kwh)	97,452	93,723	4.0%	2,334,411	2,414,868	-3.3%
EI Coal Region Output (Mil. Kwh)	85,191	81,338	4.7%	2,026,141	2,102,607	-3.6%
AISI Raw Steel Output (000 Tons)	1,749	1,721	1.6%	51,111	52,362	-2.4%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	07/28/23	07/21/23	% Chg	Wed.	7/26/23
Central App, 12,500 Btu, 1.2 SO ₂	\$62.25	\$62.25	0.0%	Henry Hub	2.61
Northern App, 13,000 Btu, < 3.0 SO ₂	52.60	52.60	0.0%	New York	2.10
Illinois Basin, 11,800, 5.0 SO ₂	50.00	50.00	0.0%	Chicago	2.44
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.30	14.30	0.0%	Cal.Comp.Avg.	5.38
Uinta Basin, 11,700 Btu, 0.8 SO ₂	32.50	32.50	0.0%		

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		
	7/29/2023 (week 30)	7/22/2023 (week 29)	7/23/2022 (week 30)	7/29/2023	7/29/2022	% Change	7/29/2023	7/23/2022	% Change
Alabama	235	224	213	6,562	5,922	10.8	11,289	9,380	20.4
Alaska	20	18	18	590	555	6.5	1,066	980	8.8
Colorado	244	235	261	7,056	7,414	-4.8	12,664	13,194	-4.0
Illinois	798	752	695	23,514	22,980	2.3	39,499	36,226	9.0
Indiana	546	516	456	15,456	13,059	18.4	26,372	21,342	23.6
Kentucky total	580	549	537	17,154	16,373	4.8	29,732	27,554	7.9
Eastern (KY)	259	244	227	7,451	6,842	8.9	12,856	11,316	13.6
Western (KY)	321	305	310	9,703	9,531	1.8	16,875	16,238	3.9
Louisiana	6	6	6	178	169	5.3	322	317	1.6
Maryland	29	28	28	793	820	-3.2	1,456	1,337	8.9
Mississippi	68	65	69	1,759	1,965	-10.5	3,224	3,245	-0.6
Missouri	2	2	1	64	40	59.7	98	46	113.0
Montana	532	510	560	15,837	16,535	-4.2	28,030	29,311	-4.4
New Mexico	203	186	224	5,637	6,181	-8.8	10,203	10,332	-1.2
North Dakota	517	483	561	15,207	15,432	-1.5	27,000	26,549	1.7
Ohio	38	36	43	1,190	1,519	-21.7	2,201	2,764	-20.4
Oklahoma	s	s	s	1	1	93.7	2	1	100.0
Pennsylvania total	777	727	707	23,281	23,034	1.1	40,752	39,285	3.7
Anthracite (PA)	55	54	47	1,607	1,381	16.3	2,753	2,336	17.9
Bituminous (PA)	723	674	660	21,674	21,653	0.1	37,999	36,949	2.8
Tennessee	s	s	.	1	s	34.2	1	s	100.0
Texas	318	301	330	8,903	9,571	-7.0	16,705	17,703	-5.6
Utah	168	166	221	4,958	6,519	-23.9	9,357	11,732	-20.2
Virginia	229	220	222	6,559	6,068	8.1	11,672	10,745	8.6
West Virginia total	1,710	1,636	1,595	50,390	48,293	4.3	87,129	80,784	7.9
Northern (WV)	955	911	918	27,447	26,927	1.9	48,312	45,430	6.3
Southern (WV)	756	725	678	22,943	21,365	7.4	38,817	35,354	9.8
Wyoming	4,753	4,551	4,908	136,270	138,640	-1.7	246,687	244,846	0.8
Appalachian total	3,277	3,114	3,036	96,227	92,497	4.0	167,355	155,610	7.5
Interior total	2,059	1,947	1,867	59,578	57,317	3.9	103,099	95,119	8.4
Western total	6,438	6,150	6,753	185,555	191,276	-3.0	335,007	336,944	-0.6
East of Mississippi River	5,010	4,753	4,566	146,659	140,032	4.7	253,326	232,663	8.9
West of Mississippi River	6,764	6,459	7,090	194,701	201,057	-3.2	352,134	355,011	-0.8
Bituminous and lignite	11,719	11,158	11,609	339,753	339,708	s	602,707	585,337	3.0
Anthracite	55	54	47	1,607	1,381	16.3	2,753	2,336	17.9
U.S. total	11,774	11,211	11,656	341,360	341,090	0.1	605,460	587,673	3.0
Railroad cars loaded	67,915	64,474	67,719	1,955,528	1,943,869	0.6	3,496,809	3,386,743	3.2

Source: Energy Information Administration



Weekly Electric Output

Volume 91 No. 30

OUTPUT FOR WEEK ENDED - Jul 29, 2023

Aug 02, 2023

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 29, 2023** was **97,452** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **203** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 29		52 Weeks Ended July 29	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,754	-4.0	112,578	-3.3
Mid-Atlantic	10,072	5.0	406,103	-3.3
Central Industrial	14,990	7.2	637,879	-3.4
West Central	8,141	14.3	337,726	-1.0
Southeast	23,355	-1.4	1,003,511	-2.9
South Central	21,012	3.6	836,756	1.4
Rocky Mountain	7,621	14.2	293,718	-0.1
Pacific Northwest	2,850	-13.6	161,644	1.1
Pacific Southwest	6,657	7.1	272,529	1.7
Total United States	97,452	4.0	4,062,444	-1.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Jul 08	90,167	Jul 09	91,757	-1.7	Jul 08	4,060,673	-1.1
Jul 15	94,718	Jul 16	92,684	2.2	Jul 15	4,062,708	-1.1
Jul 22	95,454	Jul 23	99,445	-4.0	Jul 22	4,058,716	-1.5
Jul 29	97,452	Jul 30	93,723	4.0	Jul 29	4,062,445	-1.4
Jul 29	2,334,411	Jul 30	2,414,868	-3.3	YEAR TO DATE, FIRST 30 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2023	Week Ended	2022	Week Ended	2021
Jul 08	193	Jul 09	184	Jul 10	172
Jul 15	197	Jul 16	177	Jul 17	169
Jul 22	195	Jul 23	191	Jul 24	171
Jul 29	203	Jul 30	182	Jul 31	181

* 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		
	29-Jul 2023 GWh Output	30-Jul 2022 GWh Output	% Increase Over Corresponding Week	29-Jul 2023 GWh Output	30-Jul 2022 GWh Output	% Increase Over Corresponding Week	29-Jul 2023 GWh Output	30-Jul 2022 GWh Output	% Increase Over Corresponding Week
New England	2,754	2,869	-4.0%	63,804	67,005	-4.8%	112,578	116,428	-3.3%
Mid-Atlantic	10,072	9,593	5.0%	230,846	244,206	-5.5%	406,103	420,040	-3.3%
Central Industrial	14,990	13,986	7.2%	370,564	390,309	-5.1%	637,879	660,659	-3.4%
West Central	8,141	7,120	14.3%	194,298	198,407	-2.1%	337,726	341,084	-1.0%
Southeast	23,355	23,686	-1.4%	577,482	610,524	-5.4%	1,003,511	1,034,007	-2.9%
South Central	21,012	20,282	3.6%	487,264	491,047	-0.8%	836,756	824,928	1.4%
Rocky Mountain	7,621	6,671	14.2%	165,688	168,114	-1.4%	293,718	294,070	-0.1%
Pacific Northwest	2,850	3,299	-13.6%	94,686	94,402	0.3%	161,644	159,877	1.1%
Pacific Southwest	6,657	6,217	7.1%	149,780	150,853	-0.7%	272,529	268,007	1.7%
Total United States ^{1/}	<u>97,452</u>	<u>93,723</u>	4.0%	<u>2,334,411</u>	<u>2,414,867</u>	-3.3%	<u>4,062,444</u>	<u>4,119,100</u>	-1.4%
Coal Regions Only ^{2/}	85,191	81,338	4.7%	2,026,141	2,102,607	-3.6%	3,515,693	3,574,788	-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. **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*.

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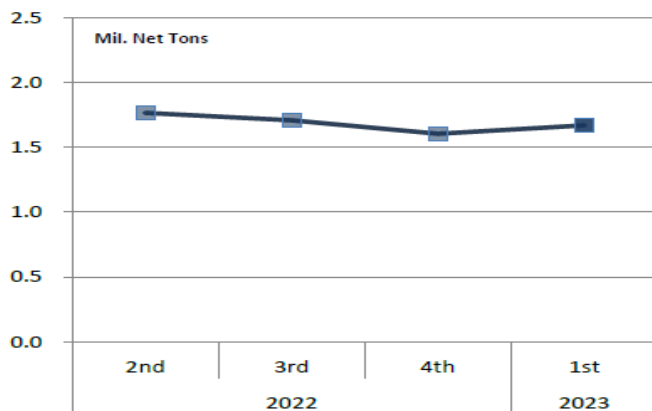
July 31, 2023

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

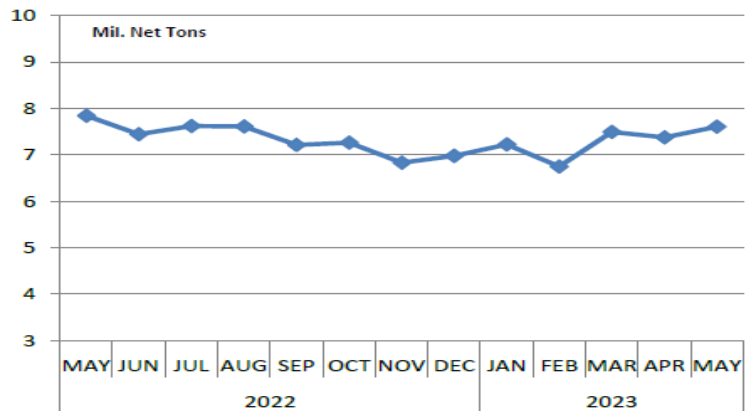
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending July 29</u>	<u>Week Ending July 22</u>	
<u>Week Ending</u>				North East	134	137
				Great Lakes	552	530
July 29, 2023	1,749	0.5	76.9	Midwest	219	222
July 29, 2022	1,721	1.6	78.1	Southern	782	785
July 22, 2023	1,741	1.5	76.6	Western	62	67
				Total	1,749	1,741
<u>Year-to-Date +</u>						
July 29, 2023	51,111	-2.4	75.8			
July 29, 2022	52,362	-	80.0			

*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.

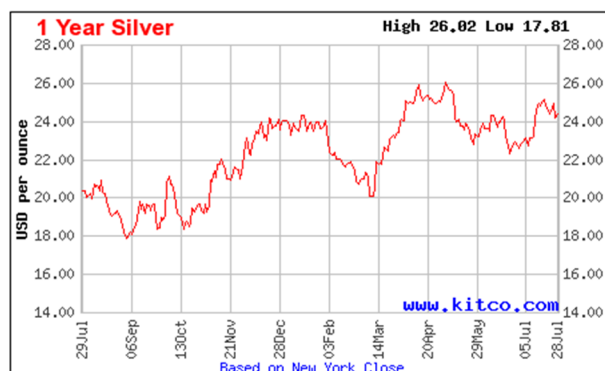
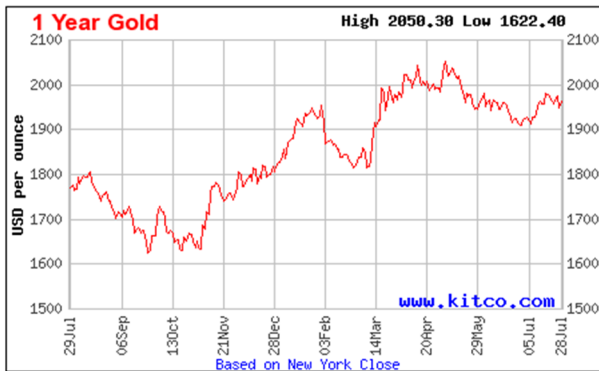
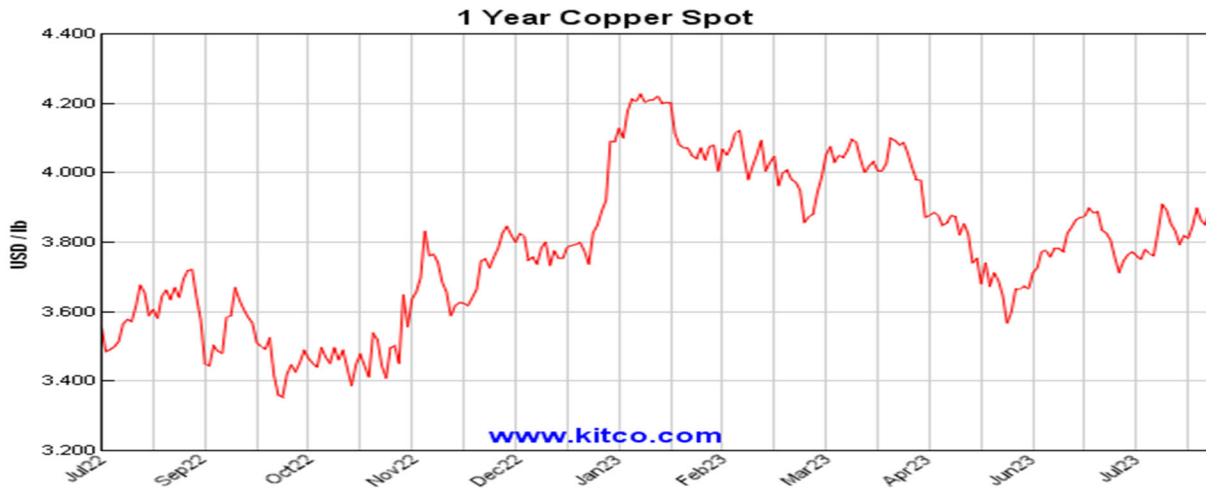
Average Weekly Raw Steel Production



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 30, 2023 – Ended July 29, 2023

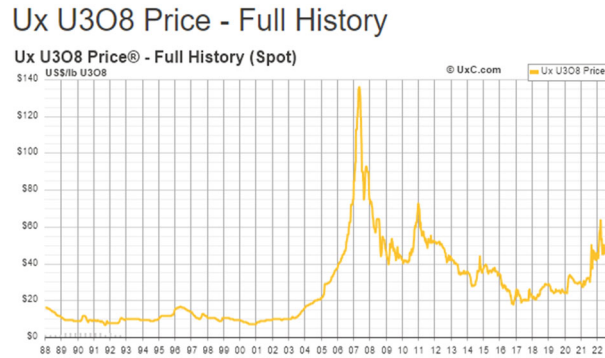
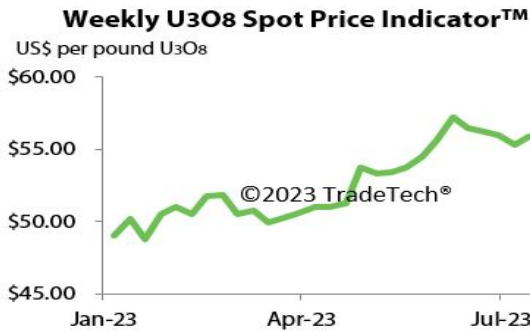
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk ²	vs 2022
Total Carloads	230,511	0.0%	6,719,395	223,980	0.4%
Chemicals	33,029	3.1%	934,382	31,146	-3.8%
Coal	67,915	-1.0%	1,955,512	65,184	0.5%
Farm Products excl. Grain, and Food	15,362	-3.8%	485,011	16,167	1.1%
Forest Products	7,948	-11.8%	245,233	8,174	-7.0%
Grain	15,032	-27.0%	559,667	18,656	-11.6%
Metallic Ores and Metals	22,103	1.0%	617,885	20,596	5.0%
Motor Vehicles and Parts	15,353	17.9%	439,520	14,651	13.4%
Nonmetallic Minerals	34,599	7.4%	946,953	31,565	4.6%
Petroleum and Petroleum Products	10,211	19.2%	279,313	9,310	9.3%
Other	8,959	3.7%	255,919	8,531	-2.8%
Total Intermodal Units	252,970	-4.8%	7,081,148	236,038	-9.6%
Total Traffic	483,481	-2.6%	13,800,543	460,018	-5.0%

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



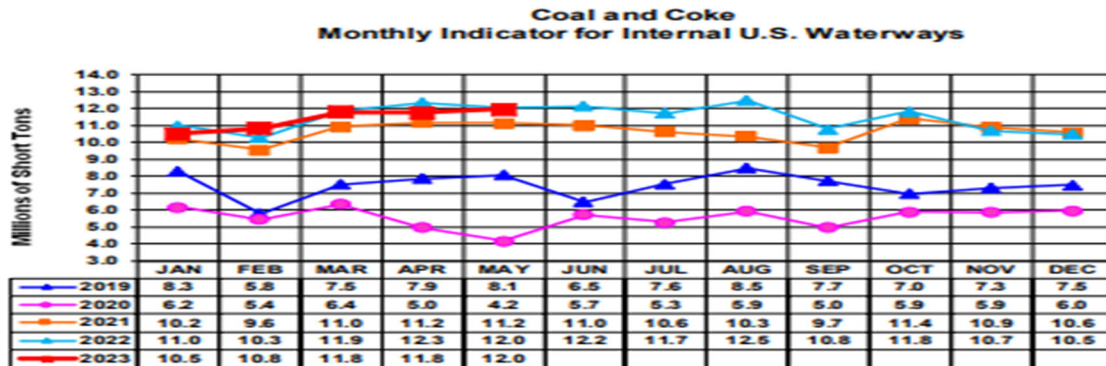
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

Zone	Coal	May 2023		May 2022		% Change of Stocks	April 2023		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,850	365	1,384	270	105.9%	2,823	365	1.0%
	Subbituminous								
South	Bituminous	20,896	111	12,627	66	65.5%	19,487	110	7.2%
	Subbituminous	5,969	80	3,503	45	70.4%	5,616	89	6.3%
Midwest	Bituminous	12,076	103	8,091	75	49.2%	10,958	105	10.2%
	Subbituminous	32,457	136	22,185	107	46.3%	31,626	134	2.6%
West	Bituminous	3,000	140	3,143	147	-4.6%	2,672	136	12.3%
	Subbituminous	30,704	133	20,688	92	48.4%	27,759	127	10.6%
U.S. Total	Bituminous	38,822	118	25,246	76	53.8%	35,939	115	8.0%
	Subbituminous	69,131	125	46,377	89	49.1%	65,000	124	6.4%

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

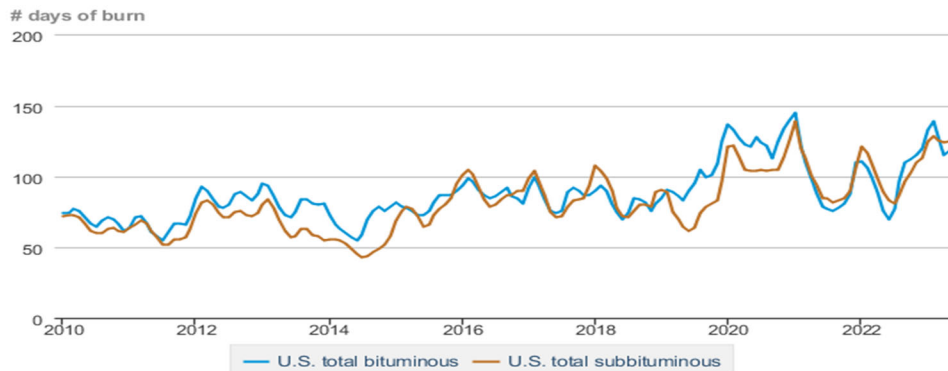
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/30/23	07/07/23	07/14/23	07/21/23	07/28/23	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$65.50	\$65.50	\$62.00	\$62.25	\$62.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$56.00	\$56.00	\$53.50	\$52.60	\$52.60	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$52.75	\$52.75	\$50.00	\$50.00	\$50.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$14.45	\$14.45	\$14.30	\$14.30	\$14.30	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$34.00	\$34.00	\$33.75	\$32.50	\$32.50	\$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 - May 2023



eia Data source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 20)

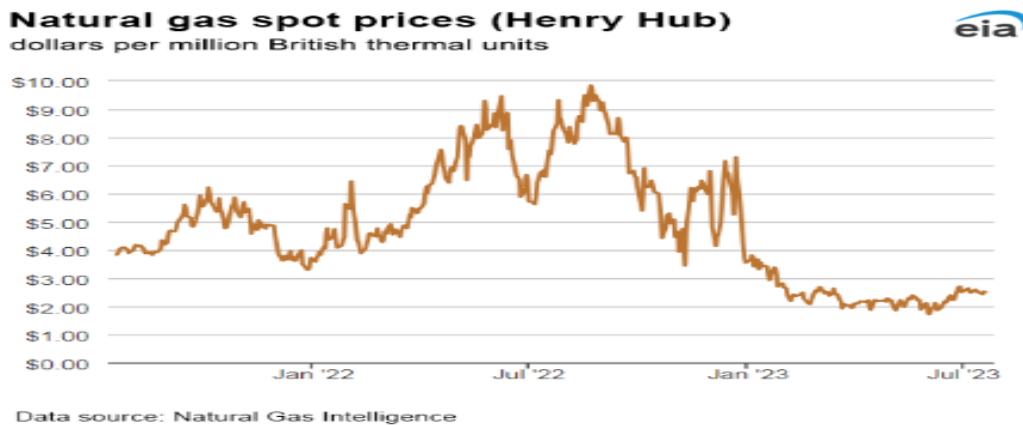
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-1	0	67	24	3
Middle Atlantic	0	-1	0	73	15	-1
E N Central	1	-1	0	49	-8	-11
W N Central	4	1	4	58	-14	-33
South Atlantic	0	0	0	107	10	7
E S Central	0	0	0	98	3	-4
W S Central	0	0	0	152	27	5
Mountain	0	-4	0	105	26	-1
Pacific	0	-4	-1	78	35	11
United States	1	-1	0	87	13	-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 - 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



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	May 2023		May 2022		% Change of Stocks	April 2023		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,850	365	1,384	270	105.9%	2,823	365	1.0%
	Subbituminous								
South	Bituminous	20,896	111	12,627	66	65.5%	19,487	110	7.2%
	Subbituminous	5,969	80	3,503	45	70.4%	5,616	89	6.3%
Midwest	Bituminous	12,076	103	8,091	75	49.2%	10,958	105	10.2%
	Subbituminous	32,457	136	22,185	107	46.3%	31,626	134	2.6%
West	Bituminous	3,000	140	3,143	147	-4.6%	2,672	136	12.3%
	Subbituminous	30,704	133	20,688	92	48.4%	27,759	127	10.6%
U.S. Total	Bituminous	38,822	118	25,246	76	53.8%	35,939	115	8.0%
	Subbituminous	69,131	125	46,377	89	49.1%	65,000	124	6.4%

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)	8/1/23	\$15.15
Copper Spot Price (\$/lb)	8/2/23	\$3.82
Gold Spot Price (\$/ounce)	8/2/23	\$1,936.74
Lead Spot Price (\$/lb)	8/1/23	\$0.97
Lithium Spot Price (\$/kg)	8/2/23	\$36.85
Molybdenum Spot Price (\$/kg)	8/1/23	\$52.63
Nickel Spot Price (\$/lb)	8/1/23	\$10.04
Silver Spot Price (\$/ounce)	8/2/23	\$23.73
Steel HRC Price (\$/mt)	8/2/23	\$775.18
Steel Rebar Price (\$/mt)	8/2/23	\$523.36
Zinc Spot Price (\$/lb)	8/2/23	\$1.12
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	8/1/23	\$244.25
Coal Spot Price - Central Appalachian (\$/st)	7/28/23	\$62.25
Coal Spot Price - Newcastle futures (\$/mt)	8/2/23	\$133.61
Coal Spot Price - Rotterdam futures (\$/mt)	8/2/23	\$104.00
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	7/26/23	\$2.61
Uranium Spot Price (\$/lb)	7/31/23	\$56.25

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)		
	2023-07-14	2023-07-07	change
East	661	653	8
Midwest	741	724	17
Mountain	186	180	6
Pacific	232	225	7
South Central	1,150	1,147	3
Total	2,971	2,930	41

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

Region	NEW-WELL PRODUCTION PER RIG BY REGION			PRODUCTION BY REGION			DUC WELLS BY REGION		
	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day					
	July 2023	August 2023	change	July 2023	August 2023	change			
Anadarko	679	686	7	4,031	4,132	101			
Appalachia	193	193	-	23,656	23,692	36			
Bakken	1,662	1,686	24	2,572	2,618	46			
Eagle Ford	1,424	1,439	15	5,838	5,896	58			
Haynesville	19	19	-	10,916	11,516	600			
Niobrara	1,430	1,437	7	3,955	4,014	59			
Permian	1,058	1,061	3	2,027	2,033	6			
Rig-weighted average	949	963	14	5,245	5,245	-			

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - April 2023	Apr-23	Year to Date
U.S. Imports for Consumption - Metals (mt)	671	3,330
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	522	2,230
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	96
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	14.44	15.07

Source: USGS, Mineral Industry Survey, Cobalt in May, July 2023

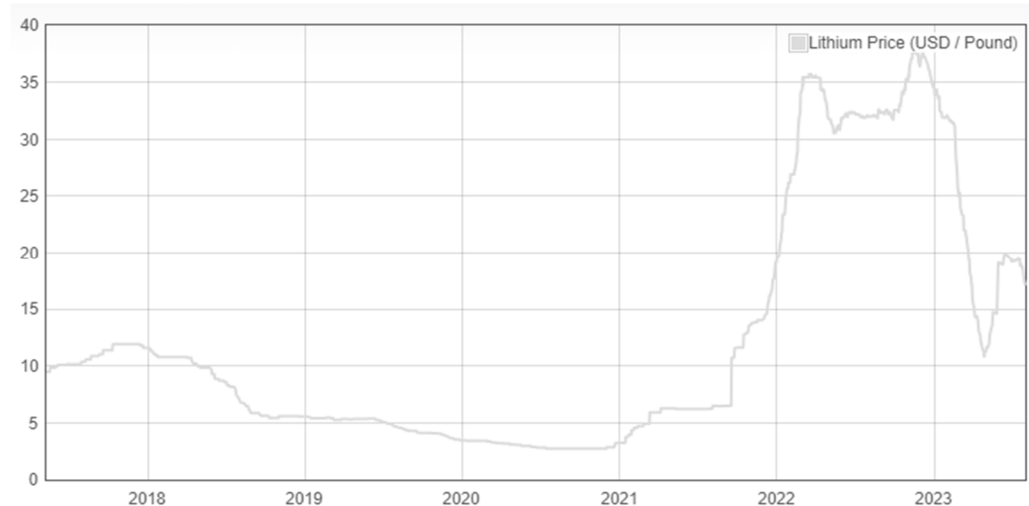
Cobalt and Lithium Prices

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>