



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

July 28, 2023 Edition
(Data for Week Ending July 22, 2023)

Prepared by
National Mining Association

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NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 29 | Dated 07/28/23

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/22/23	07/16/22	% Chg	07/22/23	07/22/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,211	11,297	-0.8%	329,586	329,299	0.1%
52 Weeks Ended	605,343	587,229	3.1%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	64,474	65,634	-1.8%	1,887,613	1,875,369	0.7%
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		
	07/22/23	07/23/22	% Chg	07/22/23	07/23/22	% Chg
EI Electric Total Output (Mil. Kwh)	95,454	99,445	-4.0%	2,236,960	2,321,144	-3.6%
EI Coal Region Output (Mil. Kwh)	83,000	86,986	-4.6%	1,940,950	2,021,269	-4.0%
AISI Raw Steel Output (000 Tons)	1,741	1,721	1.2%	49,362	50,641	-2.5%

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	07/21/23	07/14/23	% Chg	Wed.	7/19/23
Central App, 12,500 Btu, 1.2 SO ₂	\$62.25	\$62.00	0.4%	Henry Hub	2.51
Northern App, 13,000 Btu, < 3.0 SO ₂	52.60	53.50	-1.7%	New York	1.65
Illinois Basin, 11,800, 5.0 SO ₂	50.00	50.00	0.0%	Chicago	2.33
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.30	14.30	0.0%	Cal.Comp.Avg.	4.27
Uinta Basin, 11,700 Btu, 0.8 SO ₂	32.50	33.75	-3.7%		

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		
	7/22/2023 (week 29)	7/15/2023 (week 28)	7/16/2022 (week 29)	7/22/2023	7/22/2022	% Change	7/22/2023	7/16/2022	% Change
Alabama	224	230	206	6,328	5,707	10.9	11,267	9,337	20.7
Alaska	18	21	17	571	537	6.4	1,064	979	8.7
Colorado	235	231	253	6,811	7,150	-4.7	12,681	13,189	-3.9
Illinois	752	758	674	22,716	22,277	2.0	39,397	36,142	9.0
Indiana	516	542	442	14,910	12,598	18.4	26,283	21,264	23.6
Kentucky total	549	569	521	16,574	15,830	4.7	29,689	27,498	8.0
Eastern (KY)	244	255	220	7,192	6,612	8.8	12,825	11,279	13.7
Western (KY)	305	314	300	9,382	9,218	1.8	16,864	16,219	4.0
Louisiana	6	6	6	172	163	5.5	321	319	0.6
Maryland	28	29	27	764	791	-3.4	1,455	1,333	9.2
Mississippi	65	64	67	1,691	1,895	-10.8	3,225	3,241	-0.5
Missouri	2	2	1	62	39	59.7	98	45	117.8
Montana	510	506	543	15,305	15,968	-4.2	28,058	29,340	-4.4
New Mexico	186	202	217	5,434	5,954	-8.7	10,224	10,261	-0.4
North Dakota	483	514	544	14,690	14,864	-1.2	27,045	26,535	1.9
Ohio	36	37	42	1,152	1,475	-21.9	2,206	2,776	-20.5
Oklahoma	s	s	s	1	1	106.3	2	1	100.0
Pennsylvania total	727	773	685	22,504	22,319	0.8	40,682	39,274	3.6
Anthracite (PA)	54	52	46	1,552	1,334	16.4	2,745	2,327	18.0
Bituminous (PA)	674	721	640	20,951	20,985	-0.2	37,936	36,947	2.7
Tennessee	s	s	.	1	s	26.8	1	s	100.0
Texas	301	314	320	8,585	9,238	-7.1	16,717	17,736	-5.7
Utah	166	156	214	4,789	6,295	-23.9	9,409	11,748	-19.9
Virginia	220	225	215	6,330	5,843	8.3	11,665	10,740	8.6
West Virginia total	1,636	1,651	1,546	48,680	46,679	4.3	87,014	80,602	8.0
Northern (WV)	911	928	889	26,493	25,999	1.9	48,275	45,292	6.6
Southern (WV)	725	723	657	22,188	20,680	7.3	38,739	35,310	9.7
Wyoming	4,551	4,648	4,757	131,517	133,676	-1.6	246,841	244,868	0.8
Appalachian total	3,114	3,201	2,942	92,950	89,426	3.9	167,114	155,341	7.6
Interior total	1,947	2,000	1,810	57,520	55,428	3.8	102,907	94,967	8.4
Western total	6,150	6,278	6,545	179,116	184,445	-2.9	335,322	336,920	-0.5
East of Mississippi River	4,753	4,878	4,425	141,649	135,414	4.6	252,882	232,207	8.9
West of Mississippi River	6,459	6,601	6,872	187,937	193,885	-3.1	352,461	355,022	-0.7
Bituminous and lignite	11,158	11,426	11,252	328,034	327,965	s	602,597	584,901	3.0
Anthracite	54	52	46	1,552	1,334	16.4	2,745	2,327	18.0
U.S. total	11,211	11,479	11,297	329,586	329,299	0.1	605,343	587,229	3.1
Railroad cars loaded	64,474	65,631	65,634	1,887,613	1,875,369	0.7	3,496,613	3,384,969	3.3

Source: Energy Information Administration

EI

Weekly Electric Output

Volume 91 No. 29

OUTPUT FOR WEEK ENDED - Jul 22, 2023

Jul 26, 2023

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 22, 2023** was **95,454** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **195** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended July 22		52 Weeks Ended July 22	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,669	-11.8	112,693	-2.8
Mid-Atlantic	9,571	-11.6	405,624	-3.4
Central Industrial	13,711	-10.7	636,876	-3.7
West Central	7,160	-13.6	336,704	-1.5
Southeast	23,591	-2.7	1,003,842	-2.9
South Central	21,288	3.0	836,026	1.5
Rocky Mountain	7,679	1.0	292,768	-0.4
Pacific Northwest	3,063	3.3	162,094	1.5
Pacific Southwest	6,722	4.0	272,089	1.5
Total United States	95,454	-4.0	4,058,716	-1.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Jul 01	89,839	Jul 02	90,241	-0.4	Jul 01	4,062,263	-1.0
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 22	2,236,960	Jul 23	2,321,144	-3.6	YEAR TO DATE, FIRST 29 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*
SEASONALLY ADJUSTED 1982 = 100

Week Ended	2023	Week Ended	2022	Week Ended	2021
Jul 01	194	Jul 02	185	Jul 03	180
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

* 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		
	22-Jul 2023 GWh Output	23-Jul 2022 GWh Output	% Increase Over Corresponding Week	22-Jul 2023 GWh Output	23-Jul 2022 GWh Output	% Increase Over Corresponding Week	22-Jul 2023 GWh Output	23-Jul 2022 GWh Output	% Increase Over Corresponding Week
New England	2,669	3,027	-11.8%	61,050	64,136	-4.8%	112,693	115,965	-2.8%
Mid-Atlantic	9,571	10,825	-11.6%	220,774	234,613	-5.9%	405,624	419,855	-3.4%
Central Industrial	13,711	15,354	-10.7%	355,574	376,323	-5.5%	636,876	661,329	-3.7%
West Central	7,160	8,291	-13.6%	186,157	191,287	-2.7%	336,704	341,765	-1.5%
Southeast	23,591	24,240	-2.7%	554,127	586,838	-5.6%	1,003,842	1,034,025	-2.9%
South Central	21,288	20,670	3.0%	466,252	470,765	-1.0%	836,026	823,794	1.5%
Rocky Mountain	7,679	7,606	1.0%	158,067	161,443	-2.1%	292,768	294,081	-0.4%
Pacific Northwest	3,063	2,965	3.3%	91,836	91,103	0.8%	162,094	159,628	1.5%
Pacific Southwest	6,722	6,467	3.9%	143,123	144,636	-1.0%	272,089	268,130	1.5%
Total United States ^{1/}	<u>95,454</u>	<u>99,445</u>	-4.0%	<u>2,236,959</u>	<u>2,321,144</u>	-3.6%	<u>4,058,716</u>	<u>4,118,572</u>	-1.5%
Coal Regions Only ^{2/}	83,000	86,986	-4.6%	1,940,950	2,021,269	-4.0%	3,511,840	3,574,849	-1.8%

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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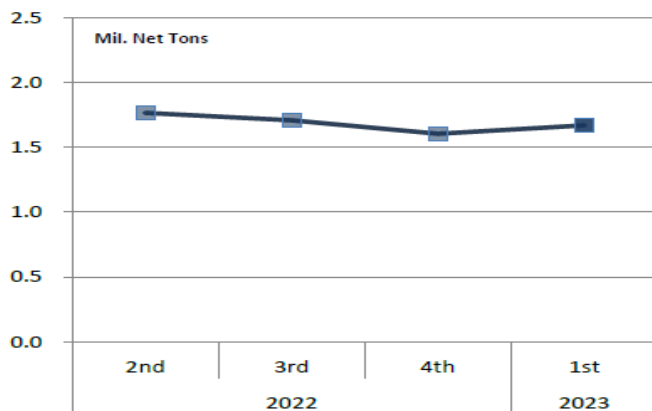
July 24, 2023

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

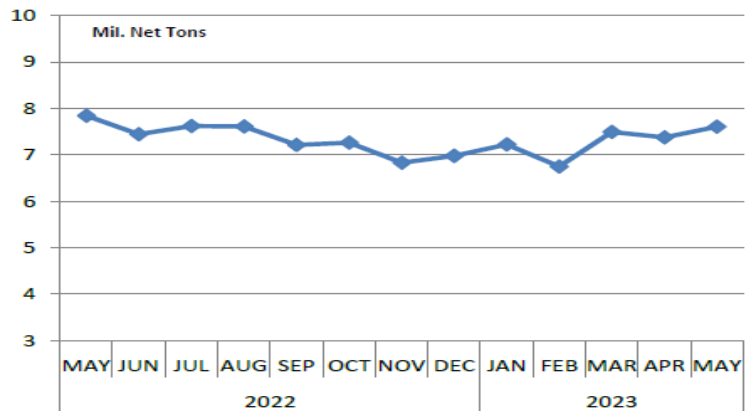
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>July 22</u>	<u>July 15</u>	
<u>Week Ending</u>				North East	137	129
				Great Lakes	530	535
July 22, 2023	1,741	1.5	76.6	Midwest	222	214
July 22, 2022	1,721	1.2	78.1	Southern	785	768
July 15, 2023	1,716	0.3	75.5	Western	67	70
				Total	1,741	1,716
<u>Year-to-Date +</u>						
July 22, 2023	49,362	-2.5	75.8			
July 22, 2022	50,641	-	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.

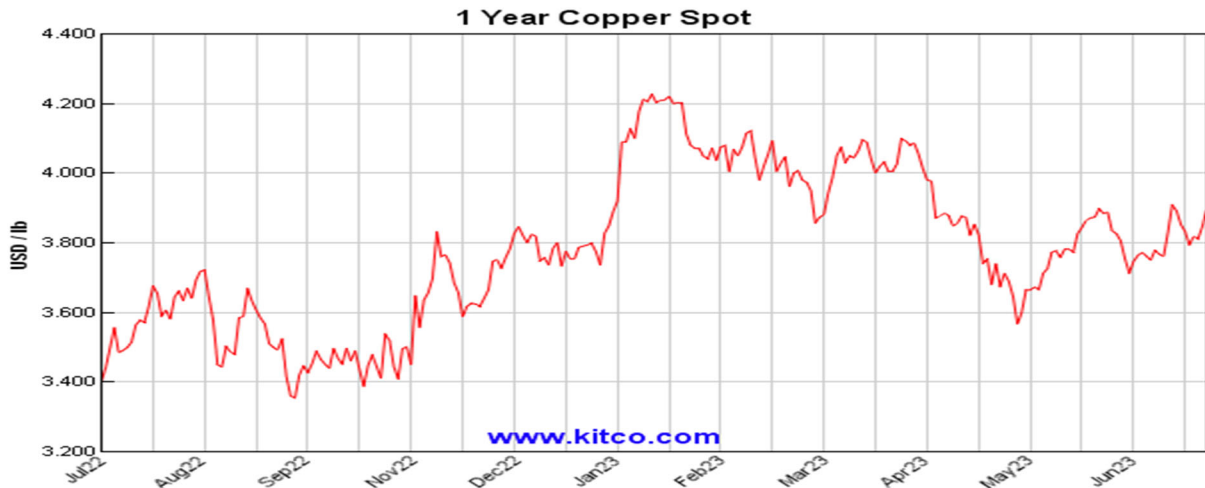
Average Weekly Raw Steel Production



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 29, 2023 – Ended July 22, 2023

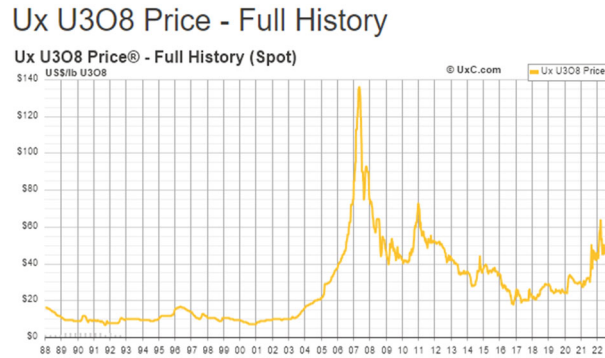
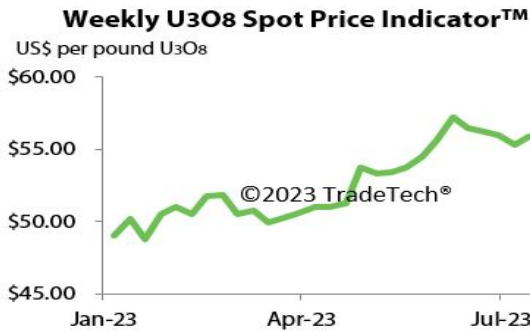
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk ²	vs 2022
Total Carloads	222,454	-1.3%	6,488,884	223,755	0.4%
Chemicals	31,309	2.6%	901,353	31,081	-4.0%
Coal	64,474	-4.8%	1,887,597	65,090	0.6%
Farm Products excl. Grain, and Food	15,477	1.2%	469,649	16,195	1.3%
Forest Products	7,748	-9.9%	237,285	8,182	-6.8%
Grain	14,981	-22.8%	544,635	18,781	-11.1%
Metallic Ores and Metals	21,354	4.3%	595,782	20,544	5.2%
Motor Vehicles and Parts	14,641	17.2%	424,167	14,626	13.3%
Nonmetallic Minerals	34,583	5.4%	912,354	31,460	4.5%
Petroleum and Petroleum Products	9,151	1.4%	269,102	9,279	9.0%
Other	8,736	-4.8%	246,960	8,516	-3.0%
Total Intermodal Units	251,282	-4.8%	6,828,178	235,454	-9.8%
Total Traffic	473,736	-3.2%	13,317,062	459,209	-5.1%

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



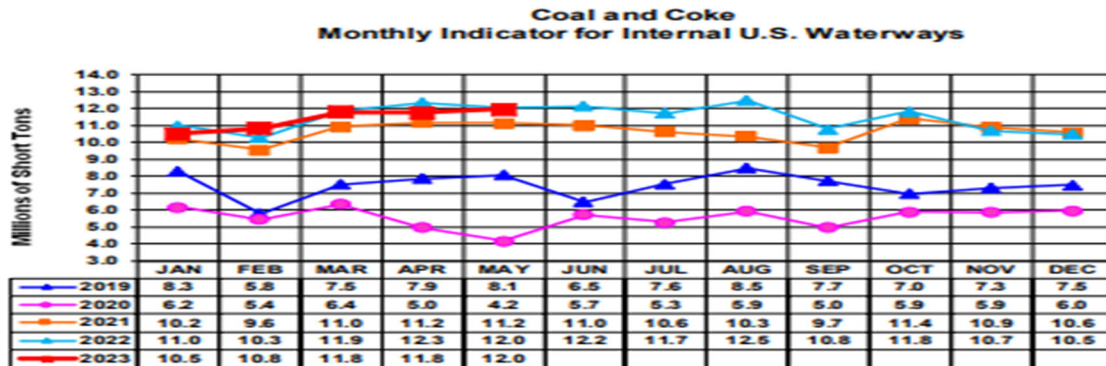
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

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

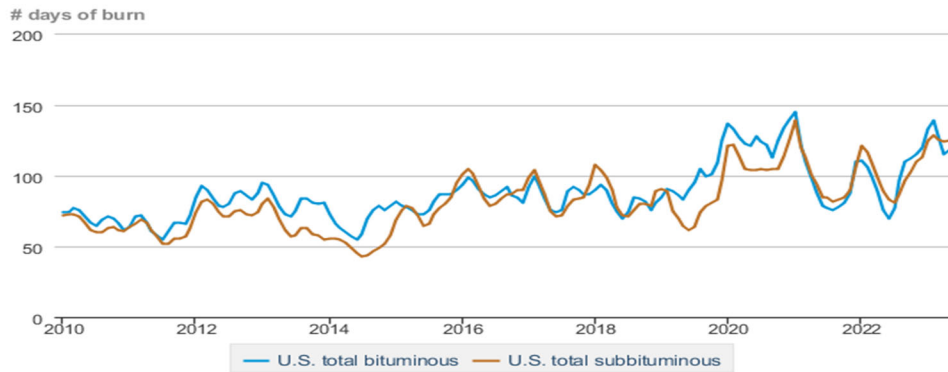
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/23/23	06/30/23	07/07/23	07/14/23	07/21/23	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$65.50	\$65.50	\$65.50	\$62.00	\$62.25	\$0.25
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$56.00	\$56.00	\$56.00	\$53.50	\$52.60	\$-0.90
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$52.75	\$52.75	\$52.75	\$50.00	\$50.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$14.45	\$14.45	\$14.45	\$14.30	\$14.30	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$34.00	\$34.00	\$34.00	\$33.75	\$32.50	\$-1.25

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 13)

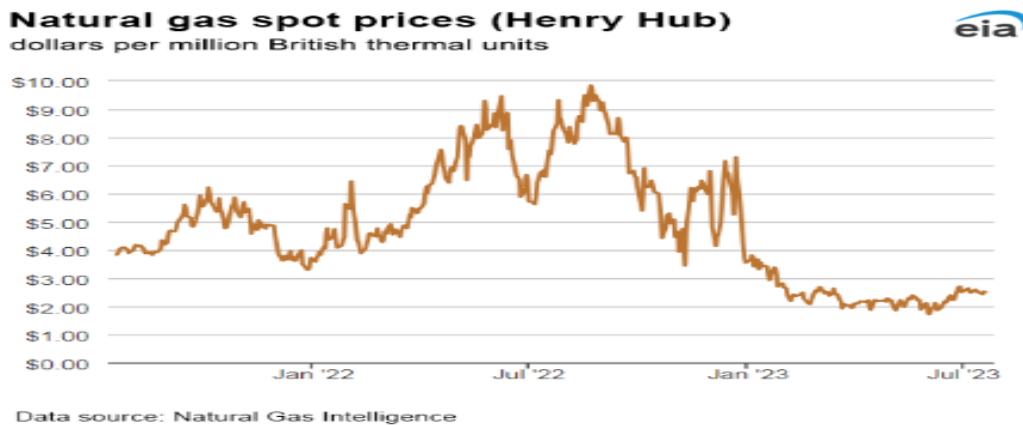
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-1	-2	68	29	31
Middle Atlantic	0	-1	0	74	20	17
E N Central	2	1	1	42	-12	-9
W N Central	7	3	7	47	-22	-28
South Atlantic	0	0	0	103	7	7
E S Central	0	0	0	83	-9	-21
W S Central	0	0	0	135	13	-19
Mountain	1	-6	0	87	11	-6
Pacific	1	-4	0	42	2	-8
United States	1	-1	1	75	3	-3

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)	7/24/23	\$15.15
Copper Spot Price (\$/lb)	7/25/23	\$3.91
Gold Spot Price (\$/ounce)	7/19/23	\$1,963.10
Lead Spot Price (\$/lb)	7/24/23	\$0.98
Lithium Spot Price (\$/kg)	7/25/23	\$41.23
Molybdenum Spot Price (\$/kg)	7/24/23	\$52.63
Nickel Spot Price (\$/lb)	7/24/23	\$9.61
Silver Spot Price (\$/ounce)	7/25/23	\$24.55
Steel HRC Price (\$/mt)	7/25/23	\$849.40
Steel Rebar Price (\$/mt)	7/25/23	\$525.03
Zinc Spot Price (\$/lb)	7/25/23	\$1.12
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	7/25/23	\$237.17
Coal Spot Price - Central Appalachian (\$/st)	7/21/23	\$62.25
Coal Spot Price - Newcastle futures (\$/mt)	7/25/23	\$135.74
Coal Spot Price - Rotterdam futures (\$/mt)	7/25/23	\$111.15
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	7/19/23	\$2.51
Uranium Spot Price (\$/lb)	7/17/23	\$55.75

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		
	July 2023	August 2023	change	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)	670	2,660
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	442	1,720
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	109
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	16.85	15.53

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

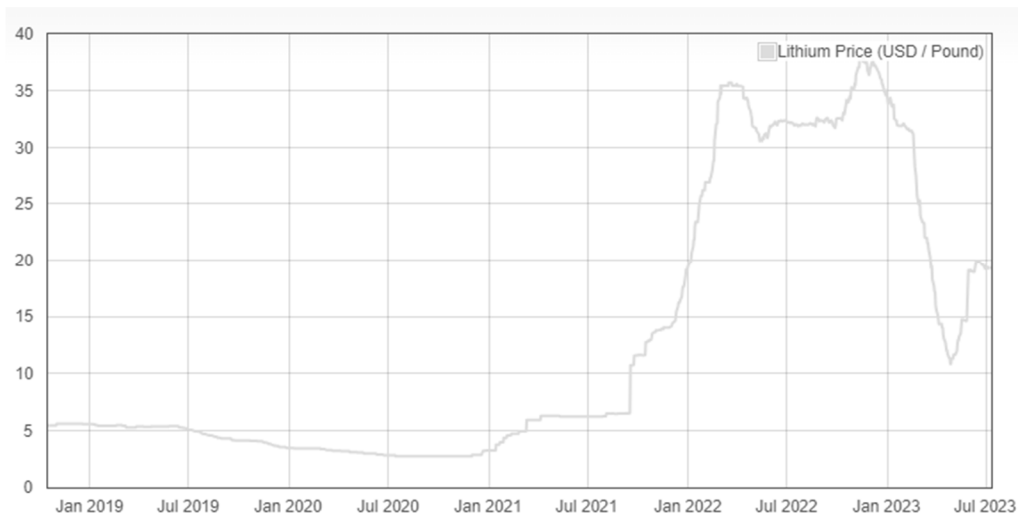
Cobalt and Lithium Prices

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>