
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

June 10, 2022 Edition
(Data for Week Ending June 4, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 23
Dated 06/10/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/04/22	06/05/21	% Chng	06/04/22	06/04/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,238	10,991	2.2%	249,490	240,850	3.6%
52 Weeks Ended	585,272	544,077	7.6%			
AAR Coal Rail Cars Loaded:	65,625	65,101	0.8%	1,431,411	1,360,179	5.2%
Coal Production Month Ended - May	May 22/21		% Chng	Jan - May 22/21		% Chng
	48,484	48,632	-0.3%	241,418	234,256	3.1%
DOC Coal Trade (000 Tons)						
Exports:	Apr 22/21		% Chng	Jan - Apr 22/21		% Chng
Metallurgical	4,228	3,713	13.9%	14,704	14,062	4.6%
Steam Bit. *	3,734	3,057	22.1%	13,418	13,311	0.8%
Lignite	6	6	0.0%	25	27	-7.4%
Anthracite	85	38	123.7%	104	136	-23.5%
Total	8,053	6,814	18.2%	28,251	27,536	2.6%
Imports:	684	509	34.4%	2,006	1,584	26.6%
	Week Ended			Cumulative Week 1 to		
	06/04/22	06/04/21	% Chng	06/04/22	06/04/21	% Chng
EEl Electric Total Output (Mil. Kwh)	80,794	74,653	8.2%	1,756,610	1,692,749	3.8%
EEl Coal Region Output (Mil. Kwh)	71,075	64,328	10.5%	1,522,707	1,462,391	4.1%
AISI Raw Steel Output (000 Tons)	1,781	1,840	-3.2%	38,874	39,517	-1.6%

EIA (S&P Global) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	06/03/22	05/27/22	% Chng	Wed.	06/01/22
Central App, 12,500 Btu, 1.2 SO ₂	\$129.65	\$129.65	0.0%	Henry Hub	8.42
Northern App, 13,000 Btu, < 3.0 SO ₂	102.00	102.00	0.0%	New York	7.85
Illinois Basin, 11,800, 5.0 SO ₂	122.75	122.75	0.0%	Chicago	8.20
Powder River Basin, 8,800 Btu 0.8 SO ₂	15.45	15.45	0.0%	Cal.Comp.Avg.	8.87
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.10	37.10	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



NMA

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National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	6/4/2022 (week 23)	5/28/2022 (week 22)	6/5/2021 (week 23)	6/4/2022	6/4/2021	% Change	6/4/2022	6/5/2021	% Change
Alabama	142	140	163	3,881	4,599	-15.6	8,579	11,155	-23.1
Alaska	18	17	18	431	475	-9.2	996	1,042	-4.4
Colorado	236	240	199	4,915	4,239	15.9	12,525	9,970	25.6
Illinois	648	738	755	15,863	18,104	-12.4	34,575	35,741	-3.3
Indiana	364	345	357	8,443	8,142	3.7	19,725	18,920	4.3
Kentucky total	516	505	516	11,810	11,308	4.4	27,069	25,227	7.3
Eastern (KY)	224	215	204	4,822	4,171	15.6	10,963	8,824	24.2
Western (KY)	292	290	313	6,988	7,137	-2.1	16,106	16,403	-1.8
Louisiana	6	6	5	108	101	6.6	306	280	9.3
Maryland	25	26	22	548	545	0.6	1,312	1,124	16.7
Mississippi	66	65	64	1,334	1,396	-4.5	3,130	2,863	9.3
Missouri	1	1	1	25	31	-20.4	38	119	-68.1
Montana	554	557	520	12,026	11,325	6.2	29,214	25,980	12.4
New Mexico	157	144	158	4,116	3,795	8.4	9,566	9,351	2.3
North Dakota	507	453	467	11,450	11,269	1.6	26,663	26,081	2.2
Ohio	42	42	42	1,091	1,134	-3.8	2,714	2,964	-8.4
Oklahoma	s	s	.	1	.	100.0	1	.	.
Pennsylvania total	807	819	880	18,096	19,814	-8.7	40,549	40,389	0.4
Anthracite (PA)	37	32	36	934	827	12.9	2,192	2,146	2.1
Bituminous (PA)	770	787	843	17,162	18,987	-9.6	38,357	38,243	0.3
Texas	297	283	299	6,626	6,457	2.6	17,380	17,746	-2.1
Utah	223	207	232	5,163	5,249	-1.6	12,228	12,642	-3.3
Virginia	213	220	202	4,637	4,527	2.4	11,056	9,850	12.2
West Virginia total	1,540	1,517	1,526	34,828	33,834	2.9	79,468	72,227	10.0
Northern (WV)	853	824	852	19,437	19,255	0.9	44,555	41,592	7.1
Southern (WV)	687	693	674	15,391	14,579	5.6	34,912	30,636	14.0
Wyoming	4,874	4,568	4,567	104,098	94,504	10.2	248,180	220,407	12.6
Appalachian total	2,995	2,980	3,038	67,904	68,624	-1.1	154,640	146,533	5.5
Interior total	1,674	1,727	1,793	39,387	41,370	-4.8	91,261	92,070	-0.9
Western total	6,570	6,186	6,160	142,200	130,856	8.7	339,371	305,474	11.1
East of Mississippi River	4,365	4,418	4,526	100,531	103,404	-2.8	228,176	220,459	3.5
West of Mississippi River	6,873	6,475	6,465	148,959	137,446	8.4	357,096	323,618	10.3
Bituminous and lignite	11,201	10,860	10,954	248,556	240,023	3.6	583,080	541,931	7.6
Anthracite	37	32	36	934	827	12.9	2,192	2,146	2.1
U.S. total	11,238	10,892	10,991	249,490	240,850	3.6	585,272	544,077	7.6
Railroad cars loaded	65,625	63,937	65,101	1,431,411	1,360,179	5.2	3,397,640	3,104,251	9.5

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 23

OUTPUT FOR WEEK ENDED - Jun 04, 2022

Jun 08, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jun 04, 2022** was **80,794** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **181** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 04		52 Weeks Ended June 04	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,044	0.0	116,591	0.6
Mid-Atlantic	8,347	13.1	421,890	1.6
Central Industrial	12,830	10.6	659,383	2.8
West Central	6,199	0.0	341,140	4.2
Southeast	20,774	10.9	1,025,615	1.8
South Central	17,681	22.1	807,609	5.6
Rocky Mountain	5,244	-11.8	294,954	1.8
Pacific Northwest	2,707	-7.0	160,684	3.5
Pacific Southwest	4,968	-7.5	268,630	0.6
Total United States	80,794	8.2	4,096,496	2.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
May 14	76,872	May 15	69,058	11.3	May 14	4,084,222	2.7
May 21	79,907	May 22	72,050	10.9	May 21	4,092,078	2.8
May 28	75,320	May 29	77,043	-2.2	May 28	4,090,355	2.6
Jun 04	80,794	Jun 05	74,653	8.2	Jun 04	4,096,496	2.8
Jun 04	1,756,610	Jun 05	1,692,749	3.8	YEAR TO DATE, FIRST 23 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
May 14	189	May 15	164	May 16	165
May 21	189	May 22	165	May 23	166
May 28	171	May 29	170	May 30	169
Jun 04	181	Jun 05	161	Jun 06	178

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	4-Jun 2022 GWh Output	5-Jun 2021 GWh Output	% Increase Over Corresponding Week	4-Jun 2022 GWh Output	5-Jun 2021 GWh Output	% Increase Over Corresponding Week	4-Jun 2022 GWh Output	5-Jun 2021 GWh Output	% Increase Over Corresponding Week
New England	2,044	2,044	0.0%	49,703	49,041	1.3%	116,591	115,922	0.6%
Mid-Atlantic	8,347	7,378	13.1%	179,019	175,427	2.0%	421,890	415,359	1.6%
Central Industrial	12,830	11,602	10.6%	288,423	280,082	3.0%	659,383	641,208	2.8%
West Central	6,199	6,197	0.0%	145,821	139,817	4.3%	341,140	327,326	4.2%
Southeast	20,774	18,724	10.9%	442,889	432,110	2.5%	1,025,615	1,007,132	1.8%
South Central	17,681	14,479	22.1%	345,694	316,101	9.4%	807,609	764,571	5.6%
Rocky Mountain	5,244	5,948	-11.8%	120,861	118,854	1.7%	294,954	289,678	1.8%
Pacific Northwest	2,707	2,911	-7.0%	76,092	73,582	3.4%	160,684	155,208	3.5%
Pacific Southwest	4,968	5,370	-7.5%	108,108	107,737	0.3%	268,630	267,156	0.6%
Total United States ^{1/}	<u>80,794</u>	<u>74,653</u>	8.2%	<u>1,756,610</u>	<u>1,692,751</u>	3.8%	<u>4,096,496</u>	<u>3,983,560</u>	2.8%
Coal Regions Only ^{2/}	71,075	64,328	10.5%	1,522,707	1,462,391	4.1%	3,550,591	3,445,274	3.1%

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*.

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June 6, 2022

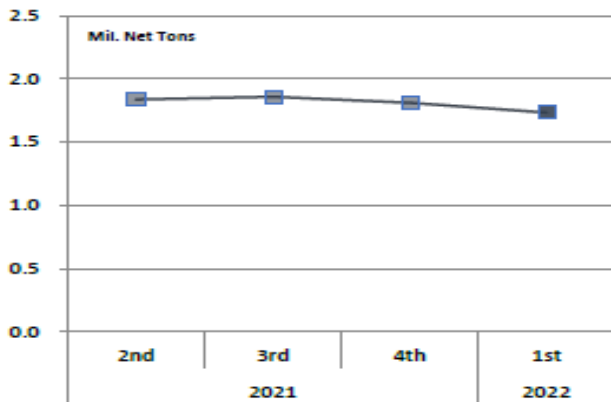
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 June 4</u>	<u>Week Ending May 28</u>	
<u>Week Ending</u>				North East	170	168
				Great Lakes	577	587
June 4, 2022	1,781	-0.9	81.6	Midwest	207	205
June 4, 2021	1,840	-3.2	82.1	Southern	758	767
May 28, 2022	1,789	0.5	82.4	Western	69	71
				Total	1,781	1,798
<u>Year-to-Date +</u>						
June 4, 2022	38,874	-1.6	80.6			
June 4, 2021	39,517	-	78.8			

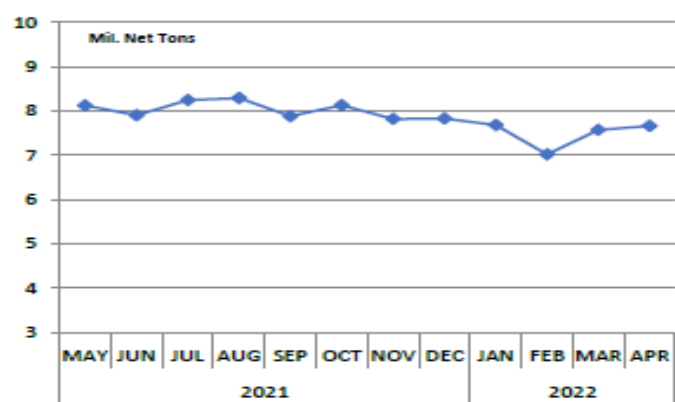
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 April 2022 was approximately 81.9%, 7.66 million net tons. Given the large number of charcoal steelmaking capability and the evolving market, AISI is updating the capacity statistics.

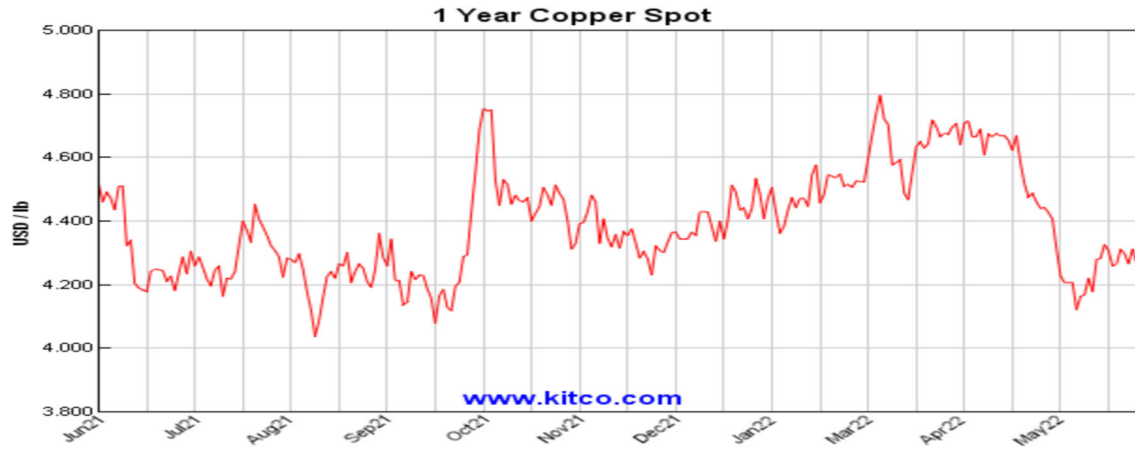
Average Weekly Raw Steel Production



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 22, 2022 – Ended June 4, 2022

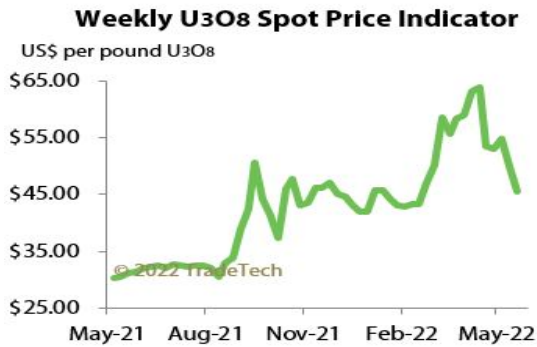
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	225,274	-1.0%	5,061,636	230,074	0.1%
Chemicals	31,938	-2.0%	752,858	34,221	5.7%
Coal	65,625	0.8%	1,424,165	64,735	5.2%
Farm Products excl. Grain, and Food	14,510	-5.8%	358,908	16,314	2.4%
Forest Products	9,487	-2.9%	218,180	9,917	-0.9%
Grain	23,867	11.8%	503,566	22,889	-9.5%
Metallic Ores and Metals	20,192	-13.8%	453,515	20,614	-6.6%
Motor Vehicles and Parts	12,518	12.4%	285,983	12,999	-3.0%
Nonmetallic Minerals	29,778	1.9%	660,838	30,038	5.5%
Petroleum and Petroleum Products	9,322	-7.6%	203,767	9,262	-15.0%
Other	8,037	-15.4%	199,856	9,084	-7.1%
Total Intermodal Units	250,239	-4.4%	5,805,846	263,902	-6.5%
Total Traffic	475,513	-2.8%	10,867,482	493,976	-3.5%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

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

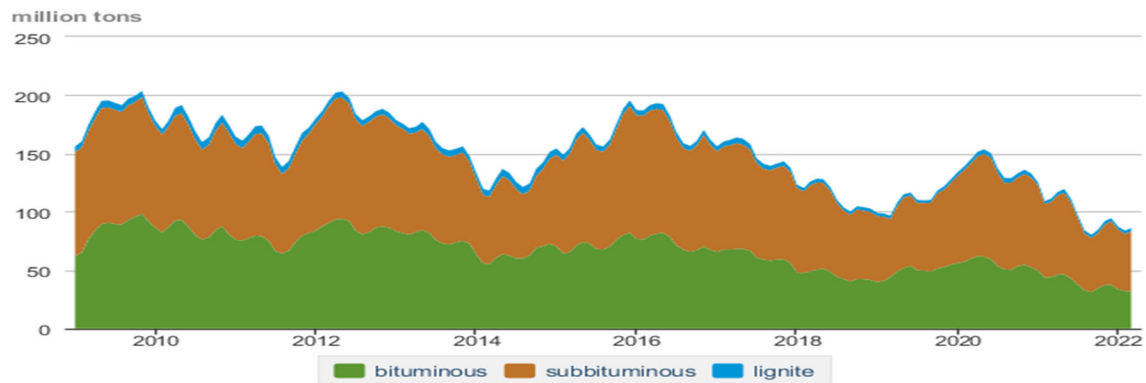
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

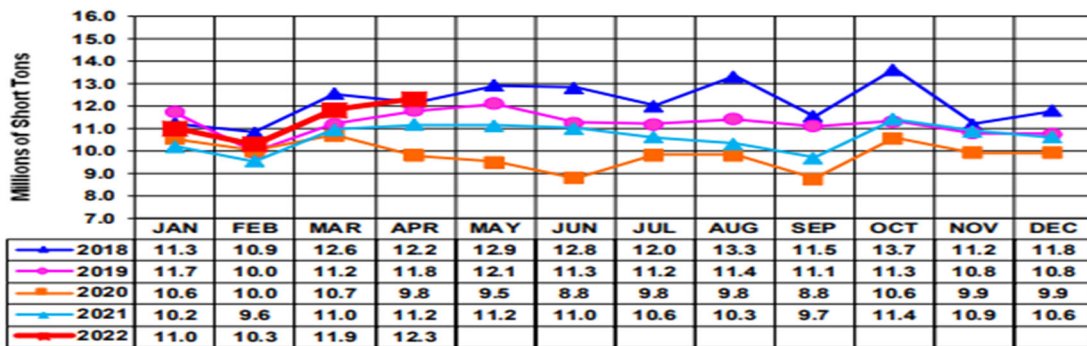
Coal stocks by type, January 2009 - March 2022



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

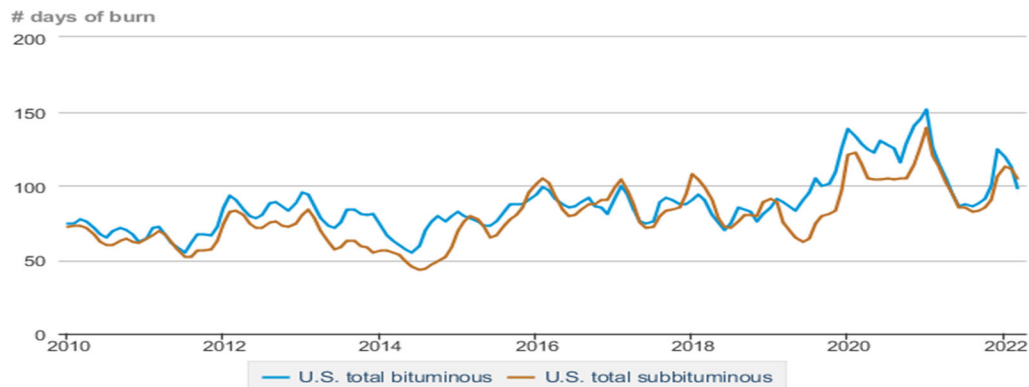
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	05/06/22	05/13/22	05/20/22	05/27/22	06/03/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$119.30	\$125.80	\$125.80	\$129.65	\$129.65	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$96.00	\$98.95	\$98.95	\$102.00	\$102.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$119.00	\$122.75	\$122.75	\$122.75	\$122.75	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$15.55	\$15.50	\$15.50	\$15.45	\$15.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.40	\$37.25	\$37.25	\$37.10	\$37.10	\$0.00

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 2022



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electricity Monthly Update Report

Temperature – heating & cooling degree days (week ending May 26)

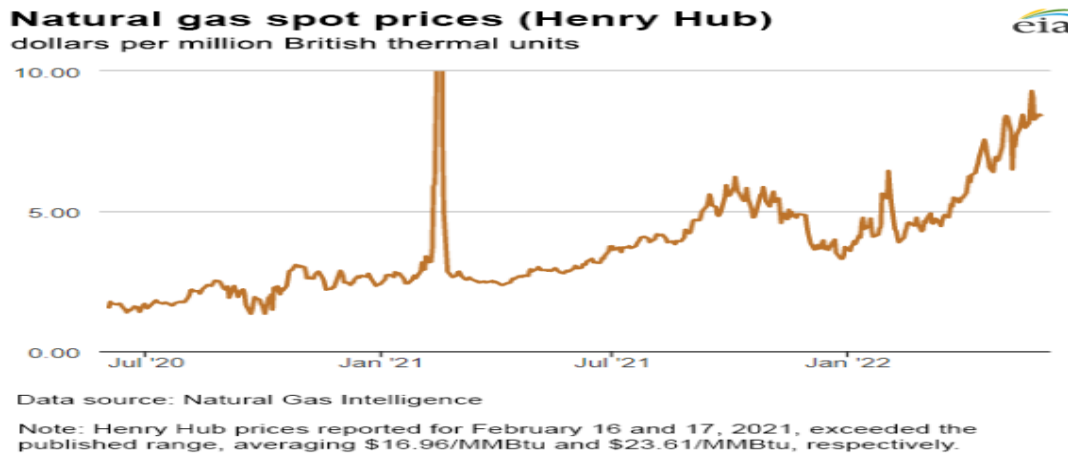
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	28	-18	11	13	11	-6
Middle Atlantic	19	-15	15	20	12	-11
E N Central	36	-5	35	14	-2	-40
W N Central	69	34	62	3	-17	-36
South Atlantic	5	-7	4	71	23	7
E S Central	4	-7	4	59	20	-1
W S Central	8	6	7	64	-3	-4
Mountain	79	31	27	26	-1	10
Pacific	19	-12	-25	9	0	9
United States	29	-1	15	33	5	-8

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

Source: Energy Information Administration, Natural Gas Weekly Update.

USGS Production of Selected Mineral Commodities	2021 Year to Date - 4th Quarter	2020 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	837.0	742.0	13%
Cement (Mil. Mt.)	90.8	88.8	2%
Copper (000 Mt.)	1,230.0	1,200.0	2%
Gold (Mt.)	182.0	193.0	-6%
Gypsum (Mil. Mt.)	18.6	17.2	8%
Iron Ore (Mil. Mt.)	45.0	38.1	18%
Lead (000 Mt.)	285.0	297.0	-4%
Molybdenum (000 Mt.)	40.5	51.1	-21%
Phosphate rock (Mil. Mt.)	21.8	23.5	-7%
Sand & gravel, construction (Mil. Mt.)	1,000.0	942.0	6%
Silver (Mt.)	1,020.0	1,030.0	-1%
Soda ash (Mil. Mt.)	11.3	10.0	13%
Stone, crushed (Mil. Mt.)	1,540.0	1,470.0	5%
Zinc (000 Mt.)	689.0	697.0	-1%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2021 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	March 2022		March 2021		% Change of Stocks	February 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	1,507	259	2,856	365	-47.2%	1,678	293	-10.2%
	Subbituminous	-	-	-	-	-	-	-	-
South	Bituminous	12,491	91	16,376	104	-23.7%	11,527	97	8.4%
	Subbituminous	3,374	69	5,423	88	-37.8%	3,286	71	2.7%
Midwest	Bituminous	7,410	92	10,480	111	-29.3%	10,049	123	-26.3%
	Subbituminous	17,285	112	23,463	124	-26.3%	16,466	121	5.0%
West	Bituminous	2,579	145	2,624	148	-1.7%	2,308	144	11.7%
	Subbituminous	19,376	110	23,389	111	-17.2%	18,425	114	5.2%
U.S. Total	Bituminous	23,986	98	32,336	115	-25.8%	25,562	113	-6.2%
	Subbituminous	40,034	105	52,275	113	-23.4%	38,177	111	4.9%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

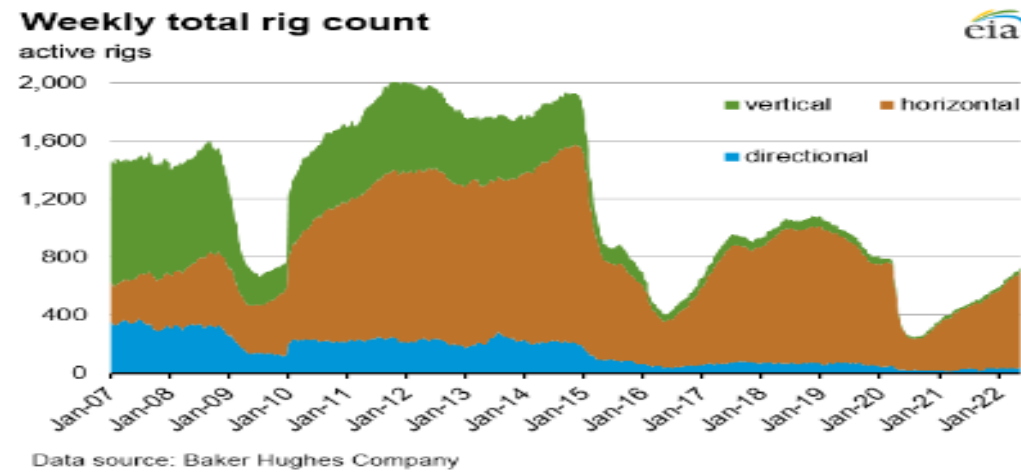
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-05-27	2022-05-20	change
East	357	325	32
Midwest	420	391	29
Mountain	113	109	4
Pacific	195	190	5
South Central	817	797	20
Total	1,902	1,812	90

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

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

EIA Natural Gas Rig Count



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

EIA Oil and Natural Gas Rig Productivity

Region	NEW-WELL PRODUCTION PER RIG BY REGION New-well oil production per rig barrels/day			PRODUCTION BY REGION New-well gas production per rig thousand cubic feet/day		
	May 2022	June 2022	change	May 2022	June 2022	change
Anadarko	722	717	(5)	3,736	3,699	(37)
Appalachia	189	190	1	28,999	28,506	(493)
Bakken	1,847	1,800	(47)	2,678	2,610	(68)
Eagle Ford	1,970	1,891	(79)	7,229	7,012	(217)
Haynesville	20	20	-	11,546	11,338	(208)
Niobrara	1,562	1,546	(16)	4,035	3,954	(81)
Permian	1,142	1,129	(13)	2,229	2,202	(27)
Rig-weighted average	1,047	1,036	(11)	6,172	6,006	(166)

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - March 2022	Mar-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	648	1,840
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	597	1,340
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	248
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	38.17	36.47

Source: USGS, Mineral Industry Survey, Cobalt in March 2022, May 2022

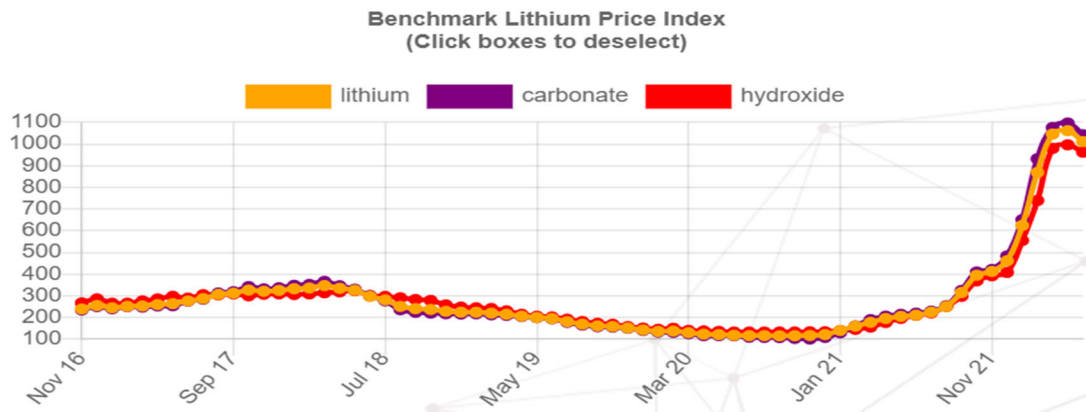
Cobalt and Lithium Prices

Cobalt Prices (US\$/pound):



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php?c=co&u=lb&d=0>

Lithium Price Index:



Source: Benchmark Mineral Intelligence - <https://www.benchmarkminerals.com/lithium-prices/>