
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

June 24, 2022 Edition
(Data for Week Ending June 18, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 25
Dated 06/24/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/18/22	06/19/21	% Chng	06/18/22	06/18/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,349	11,450	-0.9%	272,245	263,934	3.1%
52 Weeks Ended	584,883	548,506	6.6%			
AAR Coal Rail Cars Loaded:	66,281	67,819	-2.3%	1,564,299	1,496,910	4.5%
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			Jan - Apr 22/21		
			% Chng			% 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		
	06/18/22	06/19/21	% Chng	06/18/22	06/19/21	% Chng
EEl Electric Total Output (Mil. Kwh)	91,360	86,207	6.0%	1,929,946	1,866,094	3.4%
EEl Coal Region Output (Mil. Kwh)	81,131	75,208	7.9%	1,675,413	1,614,583	3.8%
AISI Raw Steel Output (000 Tons)	1,758	1,844	-4.7%	42,416	43,206	-1.8%

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)	
	06/17/22	06/10/22	% Chng	Wed.	06/15/22
Central App, 12,500 Btu, 1.2 SO ₂	\$138.80	\$138.80	0.0%	Henry Hub	7.72
Northern App, 13,000 Btu, < 3.0 SO ₂	109.90	109.90	0.0%	New York	7.33
Illinois Basin, 11,800, 5.0 SO ₂	126.00	126.00	0.0%	Chicago	7.42
Powder River Basin, 8,800 Btu 0.8 SO ₂	16.55	16.55	0.0%	Cal.Comp.Avg.	7.66
Uinta Basin, 11,700 Btu, 0.8 SO ₂	39.55	39.55	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		
	6/18/2022 (week 25)	6/11/2022 (week 24)	6/19/2021 (week 25)	6/18/2022	6/18/2021	% Change	6/18/2022	6/19/2021	% Change
Alabama	142	152	164	4,175	4,815	-13.3	8,509	10,843	-21.5
Alaska	17	18	19	467	513	-9.0	994	1,043	-4.7
Colorado	261	245	207	5,421	4,657	16.4	12,612	10,016	25.9
Illinois	710	709	787	17,281	19,690	-12.2	34,404	36,152	-4.8
Indiana	375	374	371	9,192	8,891	3.4	19,723	18,952	4.1
Kentucky Total	512	522	538	12,844	12,383	3.7	27,067	25,606	5.7
Eastern (KY)	224	225	212	5,270	4,589	14.8	11,033	8,958	23.2
Western (KY)	288	297	326	7,573	7,794	-2.8	16,033	16,648	-3.7
Louisiana	7	6	5	121	111	8.6	309	273	13.2
Maryland	25	27	23	601	598	0.4	1,262	1,132	11.5
Mississippi	67	67	67	1,468	1,531	-4.1	3,130	2,871	9.0
Missouri	1	1	2	26	34	-23.0	36	116	-69.0
Montana	585	570	542	13,182	12,417	6.2	29,274	26,178	11.8
New Mexico	163	165	164	4,443	4,126	7.7	9,561	9,336	2.4
North Dakota	493	506	487	12,449	12,250	1.6	26,678	26,066	2.3
Ohio	47	46	43	1,184	1,221	-3.1	2,719	2,938	-7.5
Oklahoma	s	s	.	1	.	100.0	1	.	.
Pennsylvania Total	760	811	919	19,667	21,734	-9.5	40,327	41,269	-2.3
Anthracite (PA)	38	38	38	1010	904	11.8	2,191	2,135	2.6
Bituminous (PA)	722	773	882	18,657	20,830	-10.4	38,137	39,134	-2.5
Texas	321	307	311	7,254	7,084	2.4	17,380	17,619	-1.4
Utah	227	228	241	5,618	5,736	-2.0	12,195	12,626	-3.4
Virginia	222	219	212	5,078	4,943	2.7	11,077	9,954	11.3
West Virginia Total	1,556	1,580	1,591	37,964	37,104	2.3	79,352	73,075	8.6
Northern (WV)	839	867	888	21,143	21,041	0.5	44,467	42,049	5.8
Southern (WV)	718	713	703	16,822	16,063	4.7	34,885	31,026	12.4
Wyoming	4,858	4,851	4,757	113,807	104,096	9.3	248,273	222,441	11.6
Appalachian Total	2,977	3,059	3,165	73,939	75,004	-1.4	154,280	148,170	4.1
Interior Total	1,769	1,762	1,868	42,918	45,135	-4.9	91,016	92,630	-1.7
Western Total	6,603	6,585	6,417	155,388	143,794	8.1	339,588	307,706	10.4
East of Mississippi River	4,417	4,507	4,715	109,455	112,909	-3.1	227,570	222,793	2.1
West of Mississippi River	6,932	6,899	6,735	162,790	151,025	7.8	357,313	325,713	9.7
Bituminous and Lignite	11,311	11,368	11,412	271,235	263,030	3.1	582,693	546,372	6.6
Anthracite	38	38	38	1,010	904	11.8	2,191	2,135	2.6
U.S. Total	11,349	11,406	11,450	272,245	263,934	3.1	584,883	548,506	6.6
Railroad Cars Loaded	66,281	66,607	67,819	1,564,299	1,496,910	4.5	3,393,446	3,138,907	8.1

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 25

OUTPUT FOR WEEK ENDED - Jun 18, 2022

Jun 22, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jun 18, 2022** was **91,360** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **193** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 18		52 Weeks Ended June 18	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,198	2.1	116,143	-0.2
Mid-Atlantic	8,591	7.0	421,155	1.0
Central Industrial	15,063	11.4	658,178	2.1
West Central	7,616	0.9	339,412	3.0
Southeast	23,716	14.1	1,027,220	1.8
South Central	19,972	9.6	810,785	5.7
Rocky Mountain	6,173	-13.0	294,356	0.9
Pacific Northwest	2,617	-3.1	160,562	3.3
Pacific Southwest	5,414	-11.9	268,676	0.3
Total United States	91,360	6.0	4,096,486	2.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
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 11	81,976	Jun 12	87,138	-5.9	Jun 11	4,091,334	2.5
Jun 18	91,360	Jun 19	86,207	6.0	Jun 18	4,096,486	2.4
Jun 18	1,929,946	Jun 19	1,866,094	3.4	YEAR TO DATE, FIRST 25 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
May 28	171	May 29	170	May 30	169
Jun 04	181	Jun 05	161	Jun 06	178
Jun 11	173	Jun 12	181	Jun 13	176
Jun 18	193	Jun 19	180	Jun 20	165

* 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		
	18-Jun	19-Jun	% Increase Over Corresponding Week	18-Jun	19-Jun	% Increase Over Corresponding Week	18-Jun	19-Jun	% Increase Over Corresponding Week
	2022 GWh Output	2021 GWh Output		2022 GWh Output	2021 GWh Output		2022 GWh Output	2021 GWh Output	
New England	2,198	2,154	2.0%	53,982	53,768	0.4%	116,143	116,354	-0.2%
Mid-Atlantic	8,591	8,030	7.0%	195,675	192,818	1.5%	421,155	416,880	1.0%
Central Industrial	15,063	13,526	11.4%	315,565	308,428	2.3%	658,178	644,364	2.1%
West Central	7,616	7,550	0.9%	159,596	155,321	2.8%	339,412	329,407	3.0%
Southeast	23,716	20,794	14.1%	486,966	474,582	2.6%	1,027,220	1,009,395	1.8%
South Central	19,972	18,216	9.6%	384,369	351,601	9.3%	810,785	767,129	5.7%
Rocky Mountain	6,173	7,092	-13.0%	133,242	131,833	1.1%	294,356	291,838	0.9%
Pacific Northwest	2,617	2,700	-3.1%	81,329	78,941	3.0%	160,562	155,479	3.3%
Pacific Southwest	5,414	6,145	-11.9%	119,222	118,805	0.4%	268,676	267,890	0.3%
Total United States ^{1/}	<u>91,360</u>	<u>86,207</u>	6.0%	<u>1,929,946</u>	<u>1,866,097</u>	3.4%	<u>4,096,487</u>	<u>3,998,735</u>	2.4%
Coal Regions Only ^{2/}	81,131	75,208	7.9%	1,675,413	1,614,583	3.8%	3,551,106	3,459,012	2.7%

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.

^{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 20, 2022

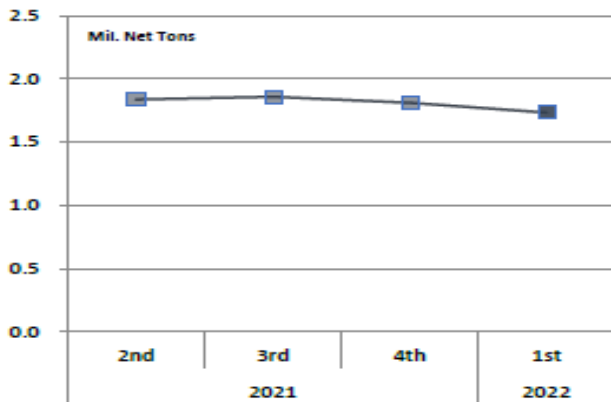
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 18</u>	<u>Week Ending June 11</u>	
<u>Week Ending</u>				North East	165	168
				Great Lakes	578	591
June 18, 2022	1,758	-1.5	80.5	Midwest	206	201
June 18, 2021	1,844	-4.7	83.0	Southern	742	753
June 11, 2022	1,784	0.2	81.7	Western	67	71
				Total	1,758	1,784
<u>Year-to-Date +</u>						
June 18, 2022	42,416	-1.8	80.7			
June 18, 2021	43,206	-	79.4			

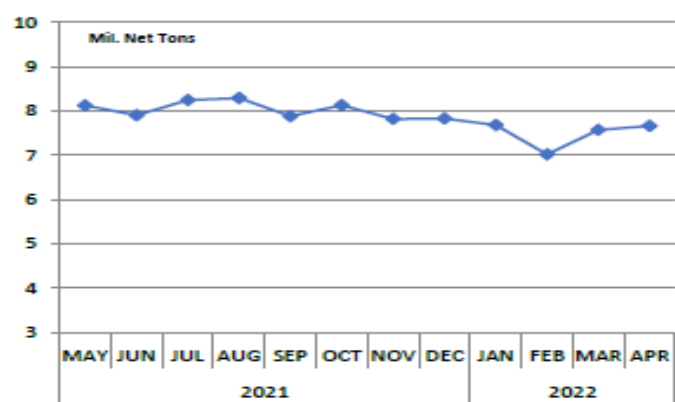
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

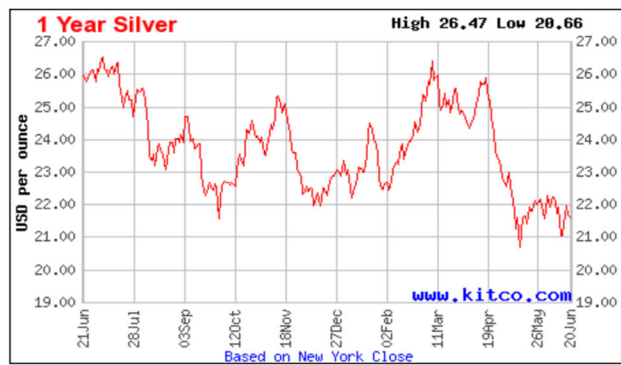
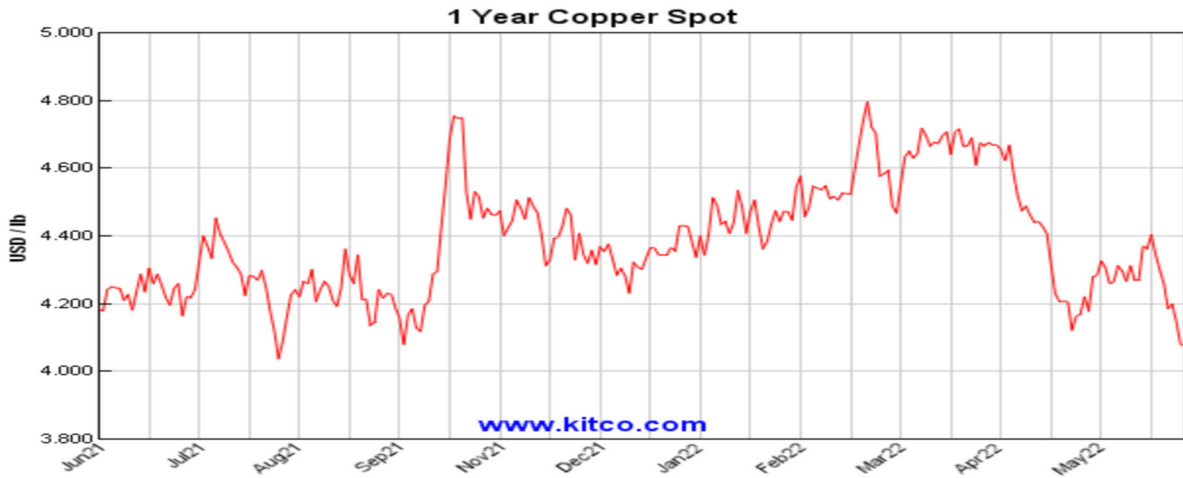
Average Weekly Raw Steel Production



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 24, 2022 – Ended June 18, 2022

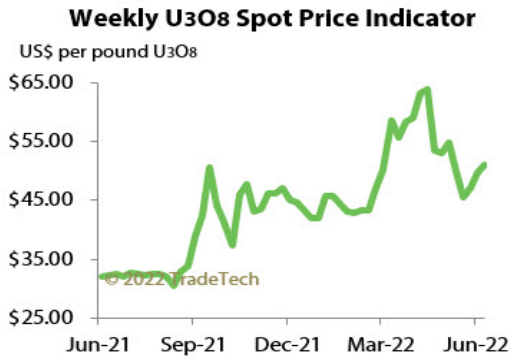
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	232,921	0.4%	5,529,499	230,396	0.0%
Chemicals	33,212	2.5%	818,566	34,107	5.3%
Coal	66,281	-2.3%	1,557,053	64,877	4.4%
Farm Products excl. Grain, and Food	16,143	4.7%	391,391	16,308	2.7%
Forest Products	9,691	-2.4%	237,766	9,907	-1.2%
Grain	22,012	12.3%	547,007	22,792	-8.8%
Metallic Ores and Metals	20,915	-11.5%	495,978	20,666	-6.8%
Motor Vehicles and Parts	13,366	6.6%	313,142	13,048	-2.0%
Nonmetallic Minerals	32,505	2.7%	726,371	30,265	5.2%
Petroleum and Petroleum Products	9,888	1.0%	223,692	9,321	-14.0%
Other	8,908	-4.1%	218,533	9,106	-7.3%
Total Intermodal Units	268,286	-4.9%	6,349,485	264,562	-6.3%
Total Traffic	501,207	-2.5%	11,878,984	494,958	-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.

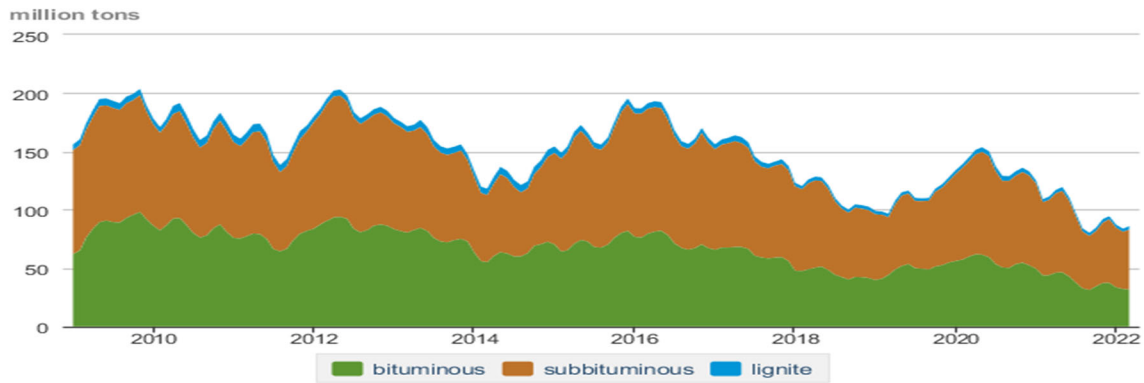
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

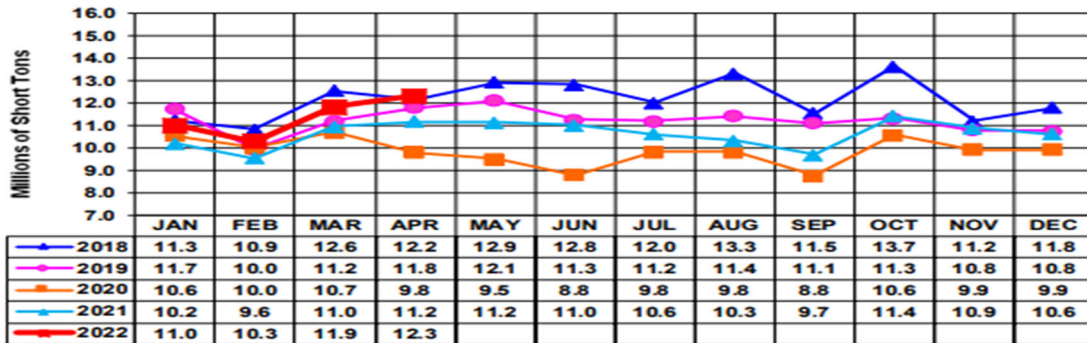
Coal stocks by type, January 2009 - March 2022



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.

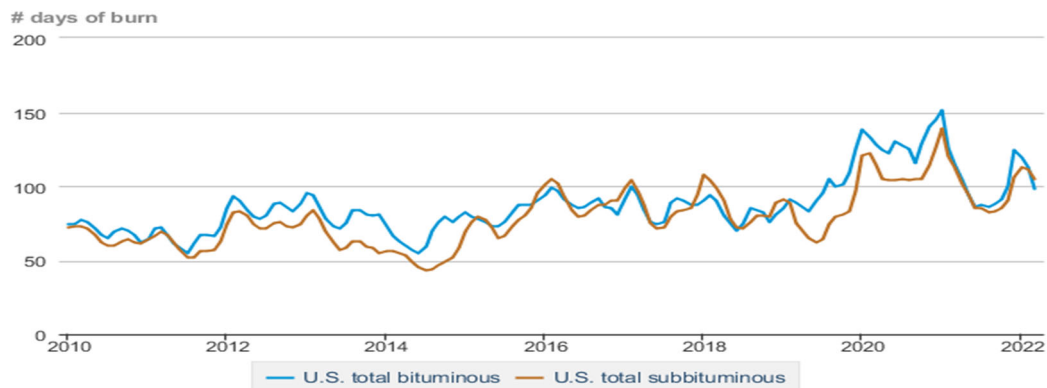
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/03/22	06/10/22	06/17/22	06/24/22	07/01/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$129.65	\$138.80	\$138.80	\$138.80	\$168.05	\$29.25
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$102.00	\$109.90	\$109.90	\$109.90	\$141.30	\$31.40
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$122.75	\$126.00	\$126.00	\$126.00	\$190.25	\$64.25
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$15.45	\$16.55	\$16.55	\$16.55	\$16.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.10	\$39.55	\$39.55	\$39.55	\$40.65	\$1.10

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*

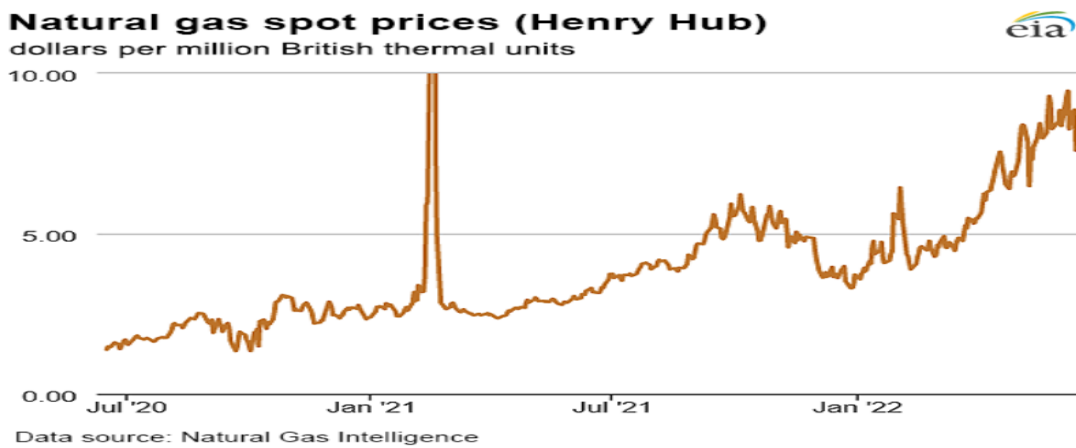
Temperature – heating & cooling degree days (week ending Jun 09)						
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	15	-9	12	8	1	-49
Middle Atlantic	7	-10	6	15	-2	-51
E N Central	20	0	19	11	-15	-54
W N Central	19	1	19	24	-10	-50
South Atlantic	0	-5	0	68	5	-22
E S Central	1	-3	1	64	7	0
W S Central	0	0	0	102	14	16
Mountain	15	-16	11	51	10	-11
Pacific	8	-14	-11	18	1	3
United States	11	-6	6	40	0	-25

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)		
	2022-06-10	2022-06-03	change
East	407	376 R	31
Midwest	482	454 R	28
Mountain	122	118	4
Pacific	221	211 R	10
South Central	863	843	20
Total	2,095	2,003 R	92

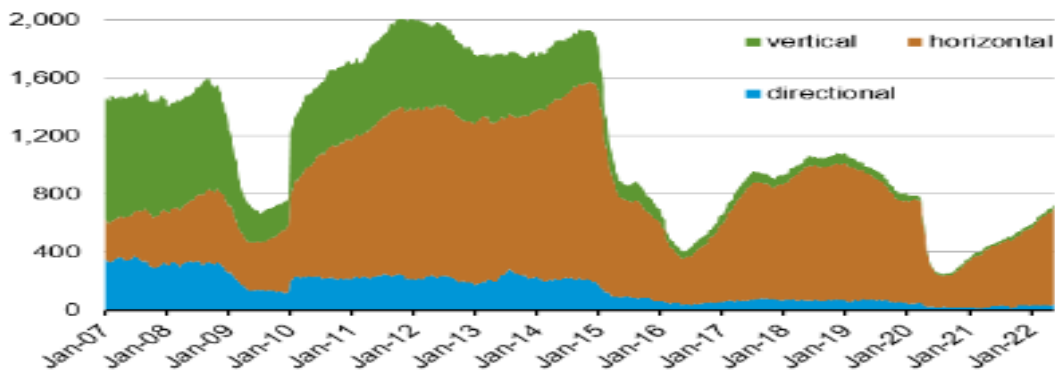
Data source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*
R=Revised.

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

EIA Natural Gas Rig Count

Weekly total rig count

active rigs



Data source: Baker Hughes Company

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					
	June 2022	July 2022	change	June 2022	July 2022	change			
Anadarko	717	712	(5)	3,699	3,662	(37)			
Appalachia	190	190	-	28,506	28,021	(485)			
Bakken	1,800	1,711	(89)	2,610	2,480	(130)			
Eagle Ford	1,867	1,783	(84)	7,012	6,731	(281)			
Haynesville	20	20	-	11,338	11,134	(204)			
Niobrara	1,548	1,532	(16)	3,954	3,875	(79)			
Permian	1,129	1,116	(13)	2,203	2,176	(27)			
Rig-weighted average	1,034	1,016	(18)	6,006	5,897	(109)			

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

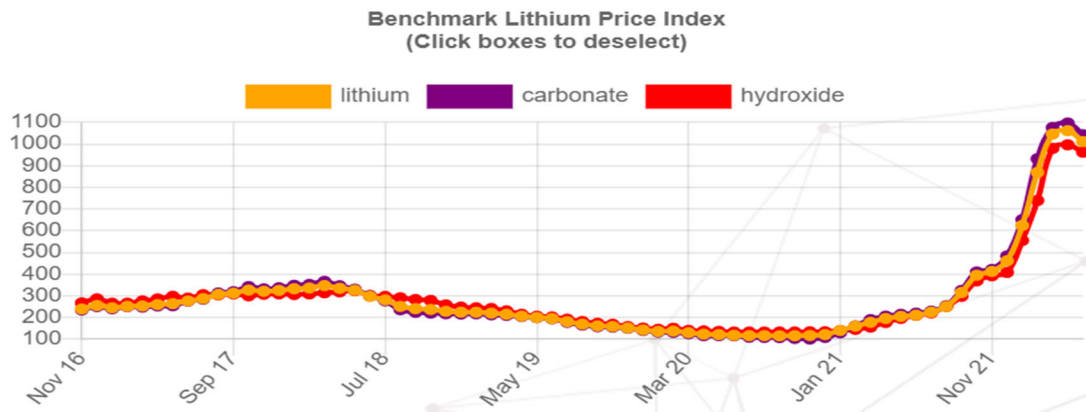
Cobalt and Lithium Prices

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/>