
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

June 17, 2022 Edition
(Data for Week Ending June 11, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 24
Dated 06/17/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/11/22	06/12/21	% Chng	06/11/22	06/11/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,406	11,694	-2.5%	260,895	252,452	3.3%
52 Weeks Ended	584,984	546,629	7.0%			
AAR Coal Rail Cars Loaded:	66,607	69,263	-3.8%	1,498,018	1,428,902	4.8%
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		
	06/11/22	06/12/21	% Chng	06/11/22	06/12/21	% Chng
EEl Electric Total Output (Mil. Kwh)	81,976	87,138	-5.9%	1,838,586	1,779,887	3.3%
EEl Coal Region Output (Mil. Kwh)	71,575	76,984	-7.0%	1,594,282	1,539,375	3.6%
AISI Raw Steel Output (000 Tons)	1,784	1,844	-3.3%	40,658	41,361	-1.7%

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)	
	06/10/22	06/03/22	% Chng	Wed.	06/08/22
Central App, 12,500 Btu, 1.2 SO ₂	\$138.80	\$129.65	7.1%	Henry Hub	9.46
Northern App, 13,000 Btu, < 3.0 SO ₂	109.90	102.00	7.7%	New York	8.44
Illinois Basin, 11,800, 5.0 SO ₂	126.00	122.75	2.6%	Chicago	9.08
Powder River Basin, 8,800 Btu 0.8 SO ₂	16.55	15.45	7.1%	Cal.Comp.Avg.	9.74
Uinta Basin, 11,700 Btu, 0.8 SO ₂	39.55	37.10	6.6%		

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		
	6/11/2022 (week 24)	6/4/2022 (week 23)	6/12/2021 (week 24)	6/11/2022	6/11/2021	% Change	6/11/2022	6/12/2021	% Change
Alabama	152	142	173	4,033	4,771	-15.5	8,558	11,070	-22.7
Alaska	18	18	19	449	494	-9.0	995	1,043	-4.6
Colorado	245	236	211	5,160	4,449	16.0	12,559	10,000	25.6
Illinois	709	648	803	16,571	18,901	-12.3	34,480	35,968	-4.1
Indiana	374	364	379	8,817	8,519	3.5	19,720	18,948	4.1
Kentucky total	522	516	549	12,332	11,853	4.0	27,042	25,435	6.3
Eastern (KY)	225	224	217	5,047	4,386	15.1	10,971	8,901	23.3
Western (KY)	297	292	333	7,285	7,467	-2.4	16,071	16,534	-2.8
Louisiana	6	6	5	114	106	7.2	307	276	11.2
Maryland	27	25	23	575	568	1.2	1,315	1,125	16.9
Mississippi	67	66	68	1,401	1,464	-4.3	3,129	2,869	9.1
Missouri	1	1	2	26	33	-21.3	37	117	-68.4
Montana	570	554	553	12,597	11,874	6.1	29,230	26,095	12.0
New Mexico	165	157	168	4,280	3,962	8.0	9,562	9,349	2.3
North Dakota	506	507	497	11,956	11,762	1.7	26,672	26,090	2.2
Ohio	46	42	44	1,137	1,178	-3.5	2,715	2,953	-8.1
Oklahoma	s	s	.	1	.	100.0	1	.	.
Pennsylvania total	811	807	936	18,907	20,743	-8.9	40,424	40,814	-1.0
Anthracite (PA)	38	37	39	972	866	12.3	2,191	2,142	2.3
Bituminous (PA)	773	770	897	17,935	19,877	-9.8	38,233	38,672	-1.1
Texas	307	297	318	6,933	6,772	2.4	17,370	17,694	-1.8
Utah	228	223	247	5,391	5,493	-1.9	12,209	12,642	-3.4
Virginia	219	213	215	4,856	4,741	2.4	11,060	9,913	11.6
West Virginia total	1,580	1,540	1,623	36,408	35,445	2.7	79,424	72,664	9.3
Northern (WV)	867	853	907	20,304	20,154	0.7	44,515	41,847	6.4
Southern (WV)	713	687	717	16,104	15,290	5.3	34,909	30,817	13.3
Wyoming	4,851	4,874	4,859	108,950	99,325	9.7	248,173	221,562	12.0
Appalachian total	3,059	2,995	3,232	70,963	71,831	-1.2	154,467	147,440	4.8
Interior total	1,762	1,674	1,908	41,149	43,262	-4.9	91,115	92,407	-1.4
Western total	6,585	6,570	6,554	148,784	137,359	8.3	339,402	306,782	10.6
East of Mississippi River	4,507	4,365	4,815	105,038	108,181	-2.9	227,868	221,759	2.8
West of Mississippi River	6,899	6,873	6,878	155,858	144,271	8.0	357,116	324,870	9.9
Bituminous and lignite	11,368	11,201	11,655	259,923	251,587	3.3	582,793	544,487	7.0
Anthracite	38	37	39	972	866	12.3	2,191	2,142	2.3
U.S. total	11,406	11,238	11,694	260,895	252,452	3.3	584,984	546,629	7.0
Railroad cars loaded	66,607	65,625	69,263	1,498,018	1,428,902	4.8	3,394,984	3,123,480	8.7

Source: Energy Information Administration

EI

Weekly Electric Output

Volume 90 No. 24

OUTPUT FOR WEEK ENDED - Jun 11, 2022

Jun 15, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jun 11, 2022** was **81,976** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **173** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 11		52 Weeks Ended June 11	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,081	-19.1	116,098	-0.3
Mid-Atlantic	8,065	-13.8	420,594	1.0
Central Industrial	12,079	-18.5	656,642	2.1
West Central	6,159	-22.6	339,346	3.2
Southeast	20,361	-6.1	1,024,298	1.7
South Central	18,703	8.2	809,030	5.7
Rocky Mountain	6,208	5.4	295,274	1.7
Pacific Northwest	2,620	-1.5	160,645	3.4
Pacific Southwest	5,700	15.8	269,407	0.9
Total United States	81,976	-5.9	4,091,334	2.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
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 11	81,976	Jun 12	87,138	-5.9	Jun 11	4,091,334	2.5
Jun 11	1,838,586	Jun 12	1,779,887	3.3	YEAR TO DATE, FIRST 24 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
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
Jun 11	173	Jun 12	181	Jun 13	176

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	11-Jun	12-Jun	% Increase Over Corresponding Week	11-Jun	12-Jun	% Increase Over Corresponding Week	11-Jun	12-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	2,081	2,573	-19.1%	51,784	51,614	0.3%	116,098	116,414	-0.3%
Mid-Atlantic	8,065	9,361	-13.8%	187,084	184,788	1.2%	420,594	416,488	1.0%
Central Industrial	12,079	14,820	-18.5%	300,502	294,902	1.9%	656,642	643,425	2.1%
West Central	6,159	7,954	-22.6%	151,980	147,771	2.8%	339,346	328,752	3.2%
Southeast	20,361	21,678	-6.1%	463,250	453,788	2.1%	1,024,298	1,007,384	1.7%
South Central	18,703	17,284	8.2%	364,397	333,385	9.3%	809,030	765,543	5.7%
Rocky Mountain	6,208	5,887	5.5%	127,069	124,741	1.9%	295,274	290,252	1.7%
Pacific Northwest	2,620	2,659	-1.5%	78,712	76,241	3.2%	160,645	155,306	3.4%
Pacific Southwest	5,700	4,923	15.8%	113,808	112,660	1.0%	269,407	266,883	0.9%
Total United States ^{1/}	<u>81,976</u>	<u>87,139</u>	-5.9%	<u>1,838,586</u>	<u>1,779,890</u>	3.3%	<u>4,091,334</u>	<u>3,990,446</u>	2.5%
Coal Regions Only ^{2/}	71,575	76,984	-7.0%	1,594,282	1,539,375	3.6%	3,545,184	3,451,843	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 13, 2022

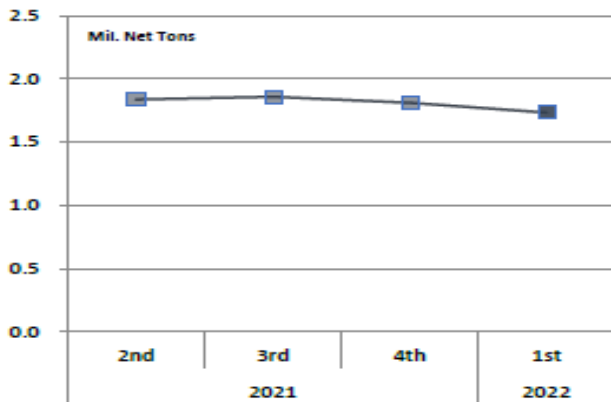
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 11</u>	<u>Week Ending June 4</u>	
<u>Week Ending</u>				North East	168	170
				Great Lakes	591	577
June 11, 2022	1,784	0.2	81.7	Midwest	201	207
June 11, 2021	1,844	-3.3	83.0	Southern	753	758
June 4, 2022	1,781	-0.9	81.6	Western	71	69
				Total	1,784	1,781
<u>Year-to-Date +</u>						
June 11, 2022	40,658	-1.7	80.7			
June 11, 2021	41,361	-	70.4			

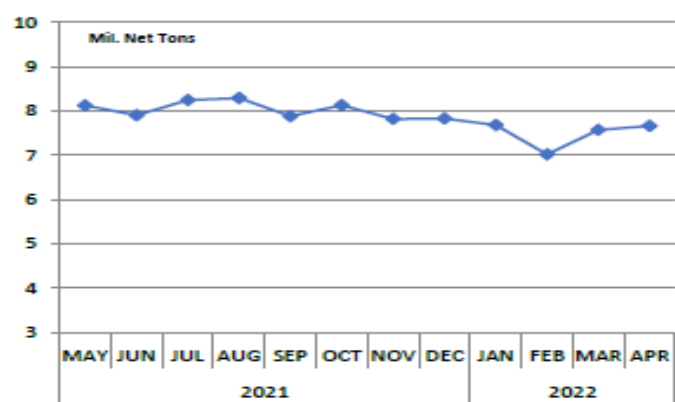
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

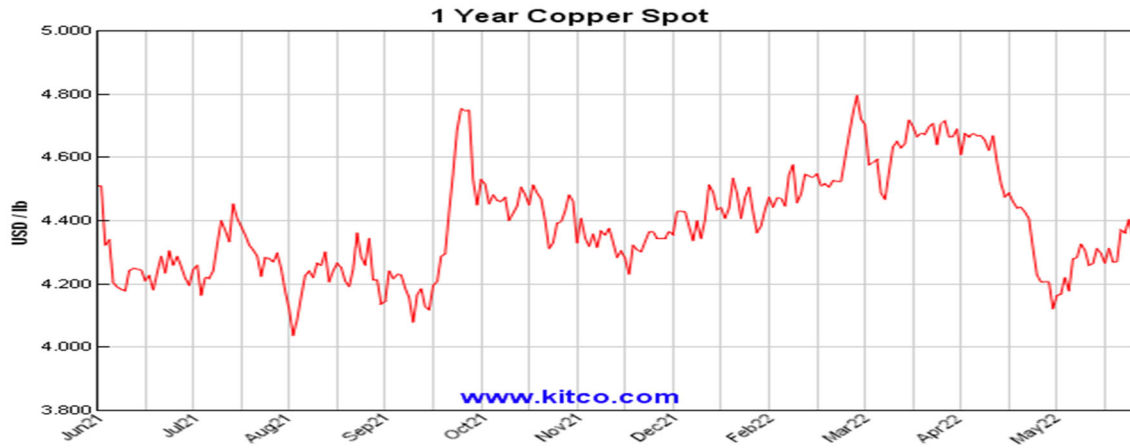
Average Weekly Raw Steel Production



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 23, 2022 – Ended June 11, 2022

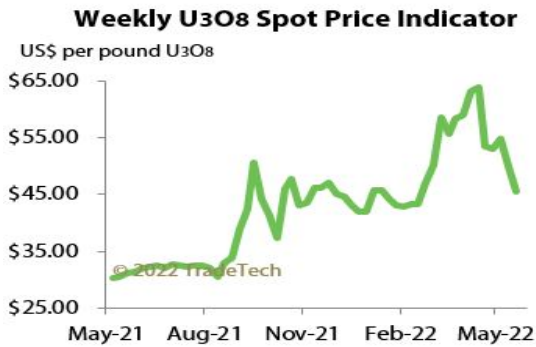
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	234,942	-2.8%	5,296,578	230,286	0.0%
Chemicals	32,496	-1.4%	785,354	34,146	5.4%
Coal	66,607	-3.8%	1,490,772	64,816	4.7%
Farm Products excl. Grain, and Food	16,340	7.9%	375,248	16,315	2.6%
Forest Products	9,895	-6.2%	228,075	9,916	-1.1%
Grain	21,429	-12.0%	524,995	22,826	-9.6%
Metallic Ores and Metals	21,548	-5.6%	475,063	20,655	-6.5%
Motor Vehicles and Parts	13,793	12.9%	299,776	13,034	-2.4%
Nonmetallic Minerals	33,028	1.9%	693,866	30,168	5.4%
Petroleum and Petroleum Products	10,037	-5.7%	213,804	9,296	-14.6%
Other	9,769	-13.0%	209,625	9,114	-7.4%
Total Intermodal Units	275,353	-4.4%	6,081,199	264,400	-6.4%
Total Traffic	510,295	-3.6%	11,377,777	494,686	-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.

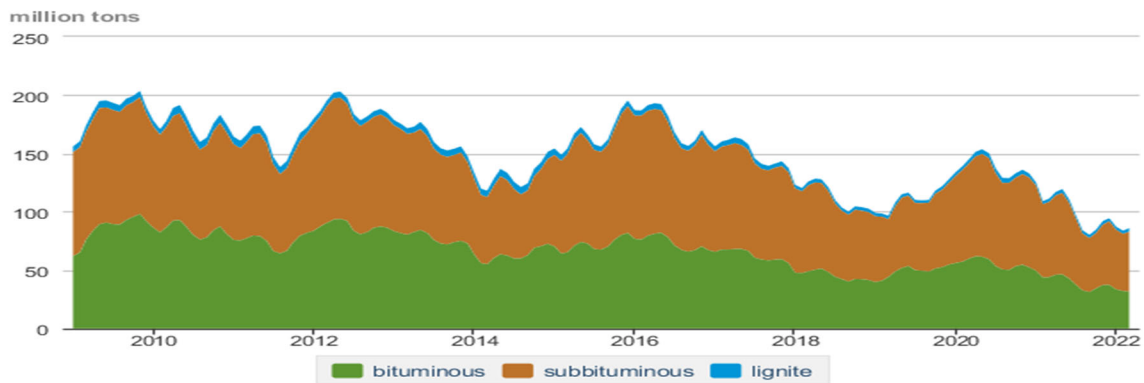
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

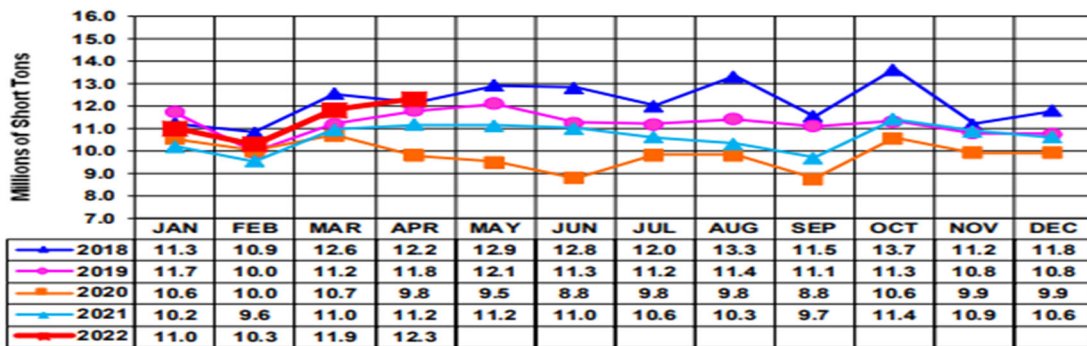
Coal stocks by type, January 2009 - March 2022



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

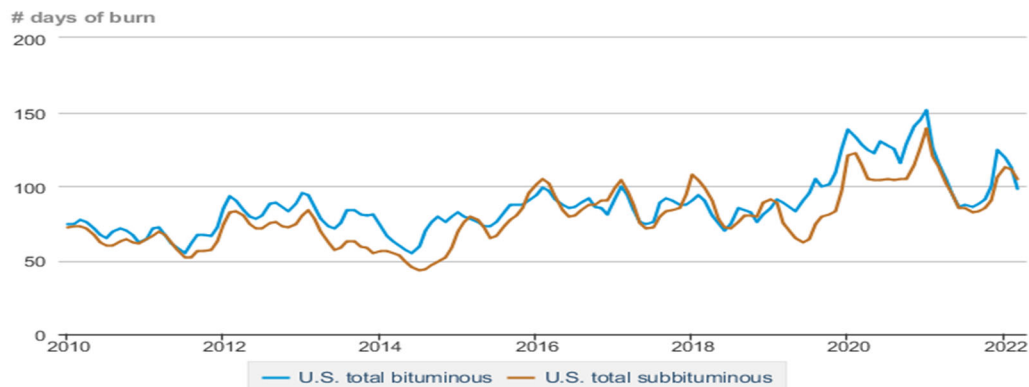
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	05/13/22	05/20/22	05/27/22	06/03/22	06/10/22	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$125.80	\$125.80	\$129.65	\$129.65	\$138.80	\$9.15
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$98.95	\$98.95	\$102.00	\$102.00	\$109.90	\$7.90
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$122.75	\$122.75	\$122.75	\$122.75	\$126.00	\$3.25
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$15.50	\$15.50	\$15.45	\$15.45	\$16.55	\$1.10
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.25	\$37.25	\$37.10	\$37.10	\$39.55	\$2.45

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 2022



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jun 02)

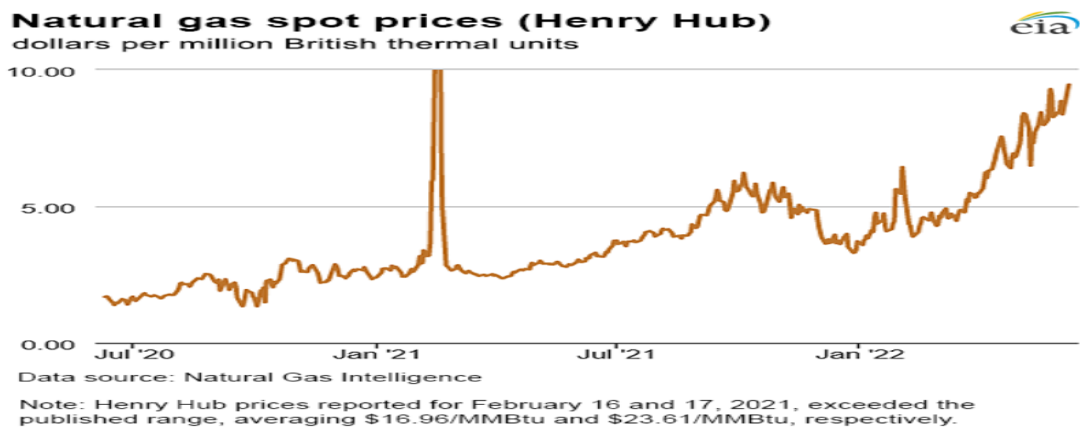
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	14	-20	-51	14	10	10
Middle Atlantic	3	-22	-49	32	20	28
E N Central	12	-17	-48	34	14	33
W N Central	18	-8	-36	29	2	22
South Atlantic	0	-8	-17	76	20	21
E S Central	3	-4	-14	58	10	21
W S Central	1	0	-5	99	21	37
Mountain	45	6	15	31	-3	-7
Pacific	22	-4	14	4	-10	-16
United States	13	-10	-23	44	10	18

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*

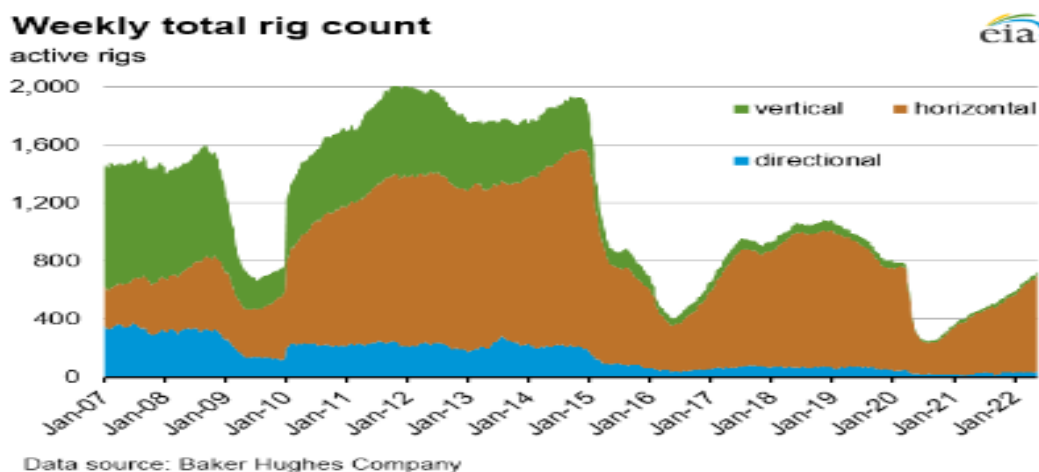
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-06-03	2022-05-27	change
East	387	357	30
Midwest	445	420	25
Mountain	118	113	5
Pacific	206	195	11
South Central	843	817	26
Total	1,999	1,902	97

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



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

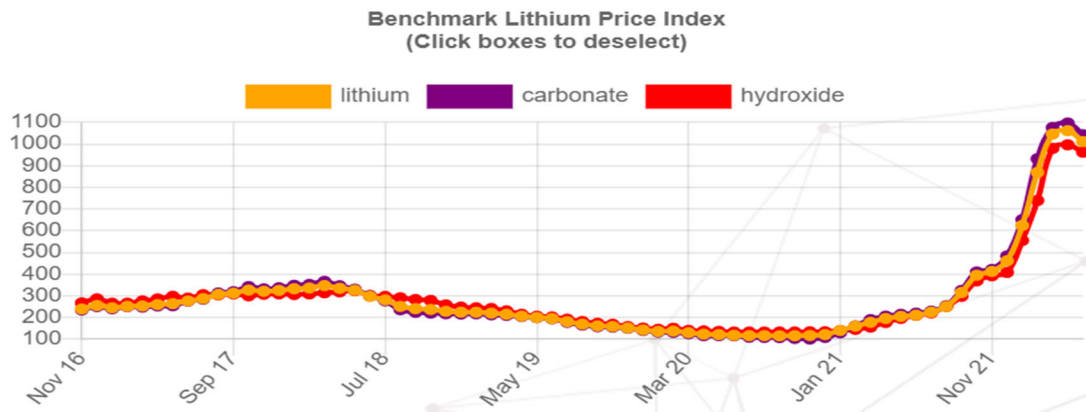
Cobalt and Lithium Prices

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/>