
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

May 13, 2022 Edition
(Data for Week Ending May 7, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 19
Dated 05/13/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/07/22	05/08/21	% Chng	05/07/22	05/07/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,785	10,581	1.9%	203,719	196,212	3.8%
52 Weeks Ended	584,193	533,634	9.5%			
AAR Coal Rail Cars Loaded:	63,281	62,675	1.0%	1,172,224	1,095,776	7.0%
Coal Production	April 22/21		% Chng	Jan - Apr 22/21		% Chng
Month Ended - April	45,495	45,318	0.4%	192,934	185,624	3.9%
DOC Coal Trade (000 Tons)						
Exports:	Mar 22/21		% Chng	Jan - Mar 22/21		% Chng
Metallurgical	3,533	3,390	4.2%	10,476	10,348	1.2%
Steam Bit. *	3,768	4,162	-9.5%	9,685	10,254	-5.5%
Lignite	7	7	0.0%	19	21	-9.5%
Anthracite	8	27	-70.4%	19	98	-80.6%
Total	7,316	7,586	-3.6%	20,199	20,721	-2.5%
Imports:	530	241	119.9%	1,322	1,075	23.0%
	Week Ended			Cumulative Week 1 to		
	05/07/22	05/08/21	% Chng	05/07/22	05/08/21	% Chng
EI Electric Total Output (Mil. Kwh)	72,564	70,346	3.2%	1,443,718	1,399,946	3.1%
EI Coal Region Output (Mil. Kwh)	63,245	60,917	3.8%	1,248,563	1,208,431	3.3%
AISI Raw Steel Output (000 Tons)	1,777	1,834	-3.1%	31,625	32,174	-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)	
	05/06/22	04/29/22	% Chng	Wed.	05/04/22
Central App, 12,500 Btu, 1.2 SO ₂	\$119.30	\$119.30	0.0%	Henry Hub	8.30
Northern App, 13,000 Btu, < 3.0 SO ₂	96.00	96.00	0.0%	New York	7.65
Illinois Basin, 11,800, 5.0 SO ₂	119.00	119.00	0.0%	Chicago	8.22
Powder River Basin, 8,800 Btu 0.8 SO ₂	15.55	15.55	0.0%	Cal.Comp.Avg.	8.75
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.40	37.40	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		
	5/7/2022 (week 19)	4/30/2022 (week 18)	5/8/2021 (week 19)	5/7/2022	5/7/2021	% Change	5/7/2022	5/8/2021	% Change
Alabama	138	143	157	3,058	3,939	-22.4	8,417	11,459	-26.5
Alaska	17	17	17	369	402	-8.2	1,007	1,036	-2.8
Colorado	238	222	191	3,944	3,433	14.9	12,362	9,844	25.6
Illinois	731	725	727	14,928	15,037	-0.7	36,711	34,827	5.4
Indiana	341	338	343	6,386	6,694	-4.6	19,118	18,786	1.8
Kentucky total	500	508	497	9,624	9,212	4.5	26,982	24,406	10.6
Eastern (KY)	213	214	196	3,844	3,344	15.0	10,813	8,520	26.9
Western (KY)	287	294	301	5,781	5,868	-1.5	16,170	15,887	1.8
Louisiana	6	5	5	83	82	1.1	300	291	3.1
Maryland	26	25	21	471	455	3.3	1,324	1,117	18.5
Mississippi	64	64	62	1,113	1,137	-2.1	3,169	2,834	11.8
Missouri	1	1	1	23	26	-10.1	41	124	-66.9
Montana	552	534	501	9,870	9,212	7.1	29,172	25,507	14.4
New Mexico	143	143	152	2,730	3,154	-13.4	8,822	9,345	-5.6
North Dakota	449	458	450	8,954	9,372	-4.5	26,065	26,007	0.2
Ohio	42	40	40	807	965	-16.4	2,599	3,003	-13.5
Oklahoma	s	s	.	s	.	100.0	1	.	.
Pennsylvania total	811	862	847	17,156	16,241	5.6	43,186	38,723	11.5
Anthracite (PA)	32	32	35	614	679	-9.6	2,020	2,158	-6.4
Bituminous (PA)	779	830	812	16,542	15,562	6.3	41,166	36,565	12.6
Texas	280	266	287	5,000	5,245	-4.7	16,969	17,915	-5.3
Utah	205	205	223	4,008	4,307	-6.9	12,016	12,624	-4.8
Virginia	218	214	194	4,038	3,707	8.9	11,279	9,600	17.5
West Virginia total	1,502	1,514	1,469	29,161	27,637	5.5	80,005	70,470	13.5
Northern (WV)	816	837	820	16,735	15,793	6.0	45,318	40,567	11.7
Southern (WV)	686	677	649	12,426	11,843	4.9	34,687	29,903	16.0
Wyoming	4,523	4,485	4,397	81,997	75,957	8.0	244,649	215,715	13.4
Appalachian total	2,951	3,012	2,924	58,533	56,287	4.0	157,622	142,893	10.3
Interior total	1,710	1,692	1,726	33,314	34,087	-2.3	92,479	90,663	2.0
Western total	6,125	6,064	5,931	111,872	105,837	5.7	334,093	300,079	11.3
East of Mississippi River	4,374	4,433	4,357	86,740	85,022	2.0	232,789	215,225	8.2
West of Mississippi River	6,411	6,336	6,224	116,979	111,189	5.2	351,404	318,409	10.4
Bituminous and lignite	10,753	10,737	10,546	203,105	195,532	3.9	582,174	531,476	9.5
Anthracite	32	32	35	614	679	-9.6	2,020	2,158	-6.4
U.S. total	10,785	10,769	10,581	203,719	196,212	3.8	584,193	533,634	9.5
Railroad cars loaded	63,281	63,169	62,675	1,172,224	1,095,776	7.0	3,403,171	3,026,983	12.4

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 19

OUTPUT FOR WEEK ENDED - May 07, 2022

May 11, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 07, 2022** was **72,564** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **183** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 07		52 Weeks Ended May 07	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	1,842	0.6	116,475	0.7
Mid-Atlantic	6,708	-0.2	420,942	1.7
Central Industrial	11,011	0.9	657,446	2.9
West Central	5,841	2.2	340,411	4.4
Southeast	18,737	3.6	1,020,246	1.5
South Central	16,024	10.5	796,132	4.0
Rocky Mountain	4,924	-1.2	295,227	2.0
Pacific Northwest	2,849	3.4	160,677	4.0
Pacific Southwest	4,628	-4.4	268,850	0.7
Total United States	72,564	3.2	4,076,407	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)
Apr 16	69,530	Apr 17	66,881	4.0	Apr 16	4,070,094	2.7
Apr 23	70,971	Apr 24	67,705	4.8	Apr 23	4,073,360	2.7
Apr 30	69,920	May 01	69,091	1.2	Apr 30	4,074,189	2.6
May 07	72,564	May 08	70,346	3.2	May 07	4,076,407	2.5
May 07	1,443,718	May 08	1,399,946	3.1	YEAR TO DATE, FIRST 19 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Apr 16	174	Apr 17	164	Apr 18	164
Apr 23	184	Apr 24	168	Apr 25	170
Apr 30	178	May 01	170	May 02	167
May 07	183	May 08	170	May 09	167

* 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		
	7-May 2022 GWh Output	8-May 2021 GWh Output	% Increase Over Corresponding Week	7-May 2022 GWh Output	8-May 2021 GWh Output	% Increase Over Corresponding Week	7-May 2022 GWh Output	8-May 2021 GWh Output	% Increase Over Corresponding Week
New England	1,842	1,831	0.6%	41,784	41,241	1.3%	116,475	115,671	0.7%
Mid-Atlantic	6,708	6,721	-0.2%	148,986	146,342	1.8%	420,942	413,953	1.7%
Central Industrial	11,011	10,908	0.9%	239,482	233,077	2.7%	657,446	638,997	2.9%
West Central	5,841	5,718	2.2%	121,033	115,758	4.6%	340,411	326,076	4.4%
Southeast	18,737	18,079	3.6%	362,278	356,867	1.5%	1,020,246	1,004,858	1.5%
South Central	16,024	14,507	10.5%	276,582	258,466	7.0%	796,132	765,281	4.0%
Rocky Mountain	4,924	4,984	-1.2%	100,202	97,921	2.3%	295,227	289,472	2.0%
Pacific Northwest	2,849	2,755	3.4%	64,894	62,390	4.0%	160,677	154,499	4.0%
Pacific Southwest	4,628	4,843	-4.4%	88,476	87,885	0.7%	268,850	266,905	0.7%
Total United States ^{1/}	72,564	70,346	3.2%	1,443,717	1,399,947	3.1%	4,076,406	3,975,712	2.5%
Coal Regions Only ^{2/}	63,245	60,917	3.8%	1,248,563	1,208,431	3.3%	3,530,404	3,438,637	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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May 9, 2022

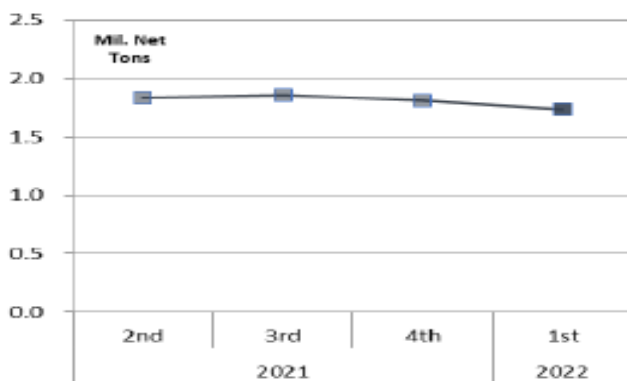
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>May 7</u>	<u>Apr 30</u>	
<u>Week Ending</u>				North East	176	174
				Great Lakes	566	567
May 7, 2022	1,777	0.1	81.4	Midwest	195	207
May 7, 2021	1,834	-3.1	81.0	Southern	772	754
April 30, 2022	1,775	-0.5	81.3	Western	68	73
				Total	1,777	1,775
<u>Year-to-Date +</u>						
May 7, 2022	31,625	-1.7	80.1			
May 7, 2021	32,174	-	78.7			

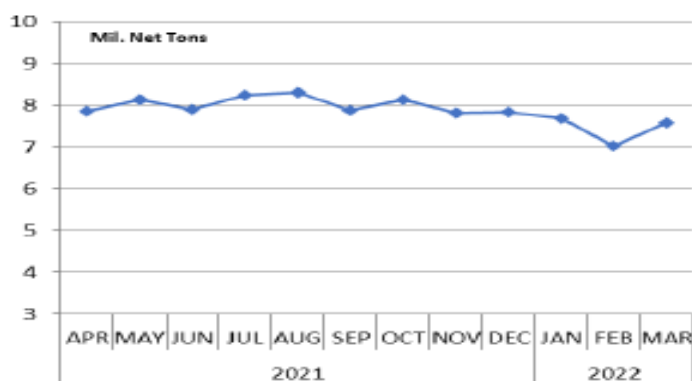
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Capacity for the first quarter 2022 was approximately 28.3 million net tons. Given the large number of changes to steelmaking capability and the evolving market, AISI is updating the capacity statistics.

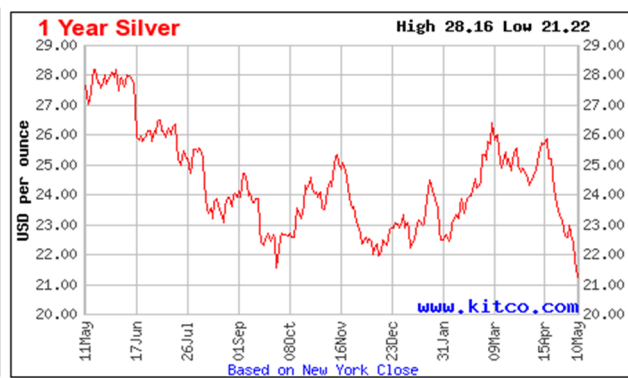
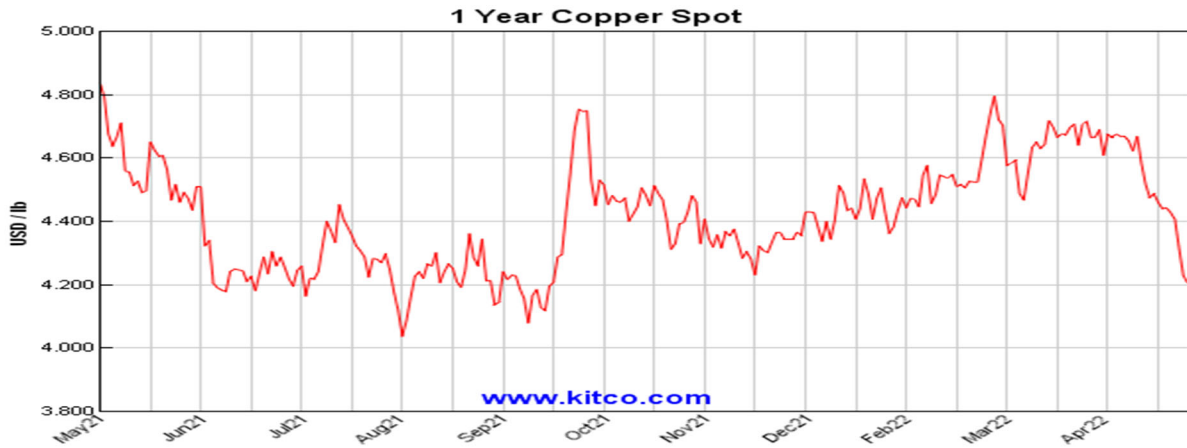
Average Weekly Raw Steel Production



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 17, 2022 – Ended April 30, 2022

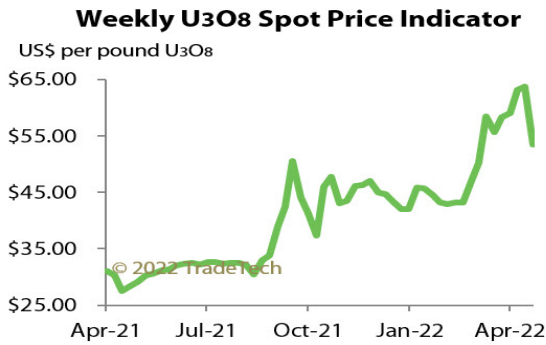
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	232,972	-3.4%	3,906,843	229,814	1.1%
Chemicals	34,529	7.7%	587,128	34,537	8.0%
Coal	63,169	-0.2%	1,101,698	64,806	7.3%
Farm Products excl. Grain, and Food	16,393	0.0%	279,846	16,462	2.9%
Forest Products	10,175	0.1%	168,835	9,931	-0.2%
Grain	21,380	-23.9%	391,904	23,053	-9.6%
Metallic Ores and Metals	22,373	-8.4%	349,064	20,533	-4.9%
Motor Vehicles and Parts	13,826	21.9%	218,429	12,849	-6.4%
Nonmetallic Minerals	32,666	-1.2%	499,049	29,356	6.9%
Petroleum and Petroleum Products	8,824	-19.6%	156,995	9,235	-15.8%
Other	9,637	-15.0%	153,895	9,053	-6.1%
Total Intermodal Units	273,727	-8.7%	4,453,049	261,944	-7.1%
Total Traffic	506,699	-6.3%	8,359,892	491,758	-3.4%

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.

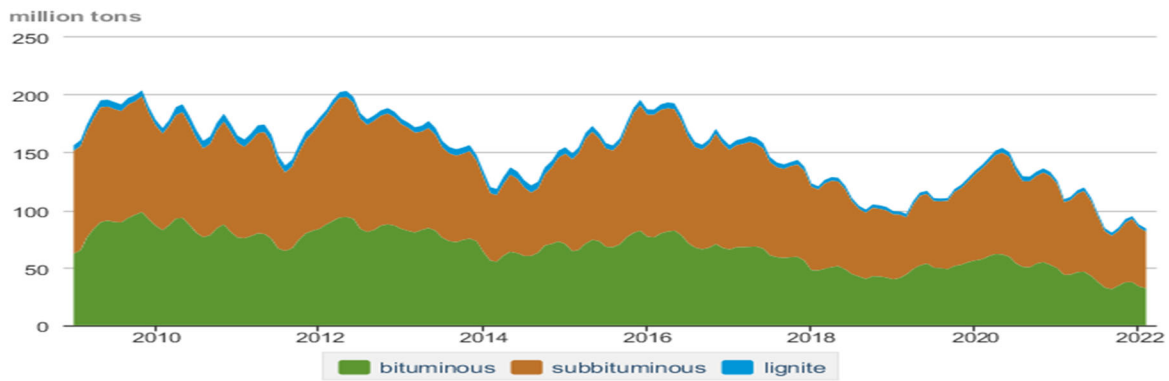
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

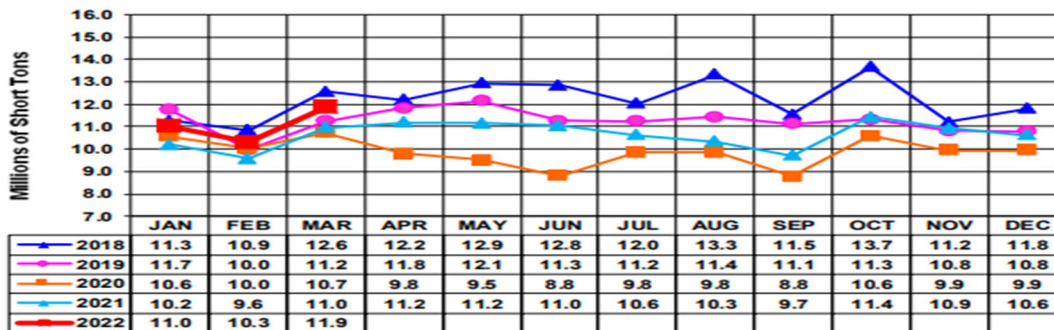
Coal stocks by type, January 2009 - February 2022



eia 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.

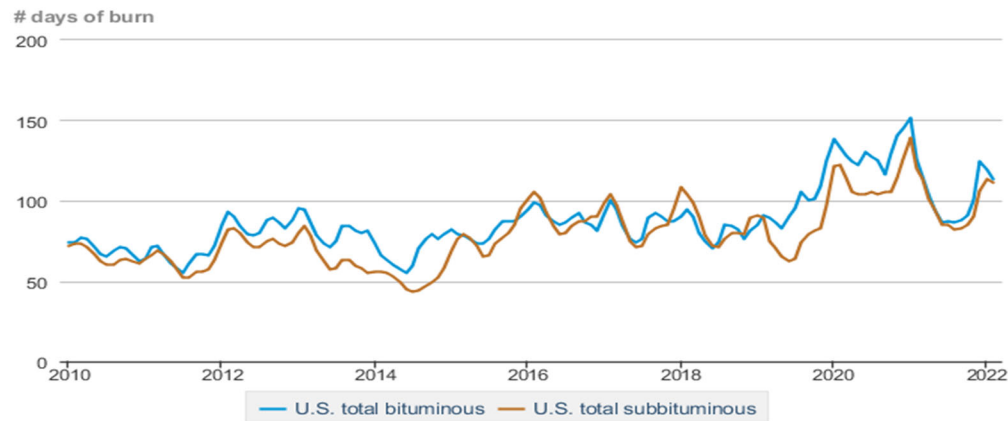
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/08/22	04/15/22	04/22/22	04/29/22	05/06/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$106.15	\$117.05	\$117.05	\$119.30	\$119.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$92.00	\$94.85	\$94.85	\$96.00	\$96.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$109.55	\$117.85	\$117.85	\$119.00	\$119.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$16.10	\$15.70	\$15.70	\$15.55	\$15.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$36.35	\$36.55	\$36.55	\$37.40	\$37.40	\$0.00

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - February 2022



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 28)

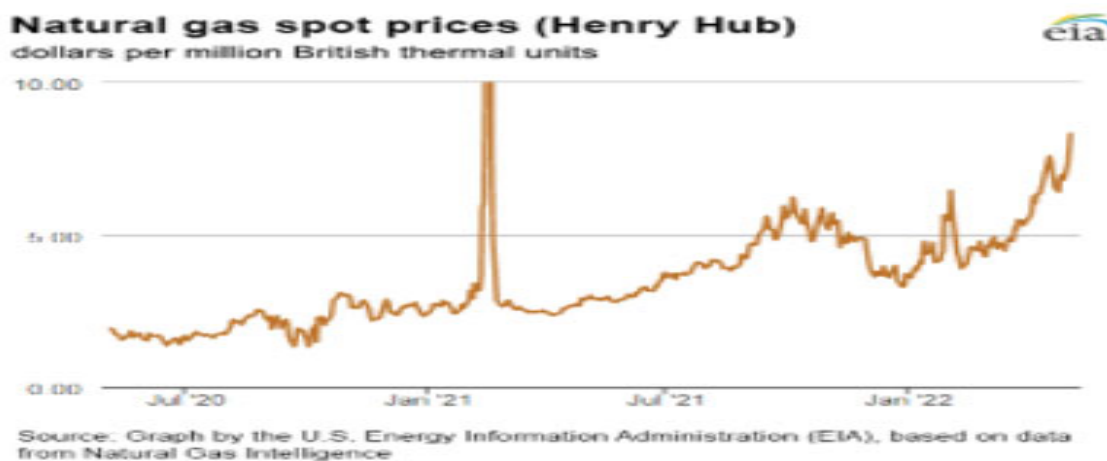
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	112	2	-1	0	0	0
Middle Atlantic	90	-2	-8	0	0	-1
E N Central	94	-2	-5	5	4	3
W N Central	100	14	0	4	1	1
South Atlantic	30	-12	-31	28	7	3
E S Central	28	-12	-29	19	11	10
W S Central	12	-2	-9	48	19	13
Mountain	91	-4	-7	9	-2	5
Pacific	59	3	-16	0	-4	0
United States	70	-1	-11	13	3	3

Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the 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	February 2022		February 2021		% Change of Stocks	January 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	1,678	293	2,894	365	-42.0%	2,169	349	-22.6%
	Subbituminous								
South	Bituminous	11,527	97	16,190	117	-28.8%	11,824	100	-2.5%
	Subbituminous	3,286	71	5,078	94	-35.3%	3,559	67	-7.7%
Midwest	Bituminous	10,049	123	10,315	116	-2.6%	10,559	127	-4.8%
	Subbituminous	16,466	121	22,299	129	-26.2%	17,134	121	-3.9%
West	Bituminous	2,308	144	2,717	161	-15.0%	2,150	138	7.4%
	Subbituminous	18,425	114	22,667	118	-18.7%	19,178	120	-3.9%
U.S. Total	Bituminous	25,562	113	32,116	126	-20.4%	26,702	119	-4.3%
	Subbituminous	38,177	111	50,043	120	-23.7%	39,871	113	-4.2%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-04-29	2022-04-22	change
East	253	238	15
Midwest	324	309	15
Mountain	92	90	2
Pacific	176	171	5
South Central	721	681	40
Total	1,567	1,490	77

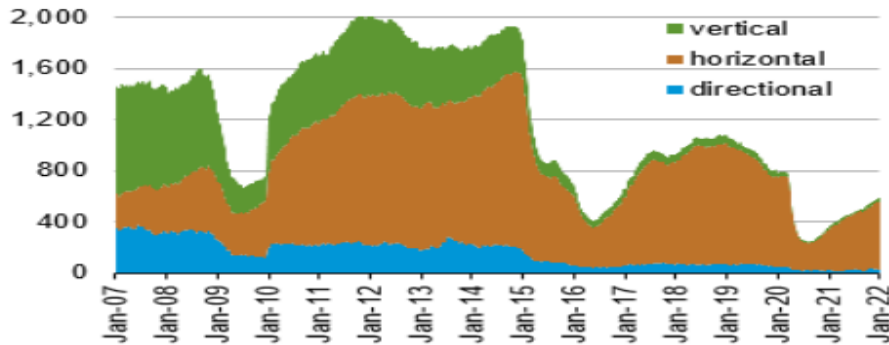
Source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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

EIA Natural Gas Rig Count

Weekly total rig count

active rigs



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Baker Hughes Company

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

EIA Oil and Natural Gas Rig Productivity

NEW-WELL PRODUCTION PER RIG BY REGION

PRODUCTION BY REGION

DUC WELLS BY REGION

Region	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day		
	April 2022	May 2022	change	April 2022	May 2022	change
Anadarko	726	721	(5)	3,773	3,735	(38)
Appalachia	189	189	-	29,500	28,999	(501)
Bakken	1,879	1,847	(32)	2,630	2,588	(44)
Eagle Ford	2,052	1,990	(62)	7,370	7,149	(221)
Haynesville	20	20	-	11,757	11,546	(211)
Niobrara	1,578	1,562	(16)	4,117	4,035	(82)
Permian	1,160	1,146	(14)	2,261	2,234	(27)
Rig-weighted average	1,072	1,051	(21)	6,225	6,161	(64)

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - January 2022	Jan-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	754	754
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	454	454
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	256
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	34.11	31.84

Source: USGS, Mineral Industry Survey, Cobalt in January 2022, April 2022

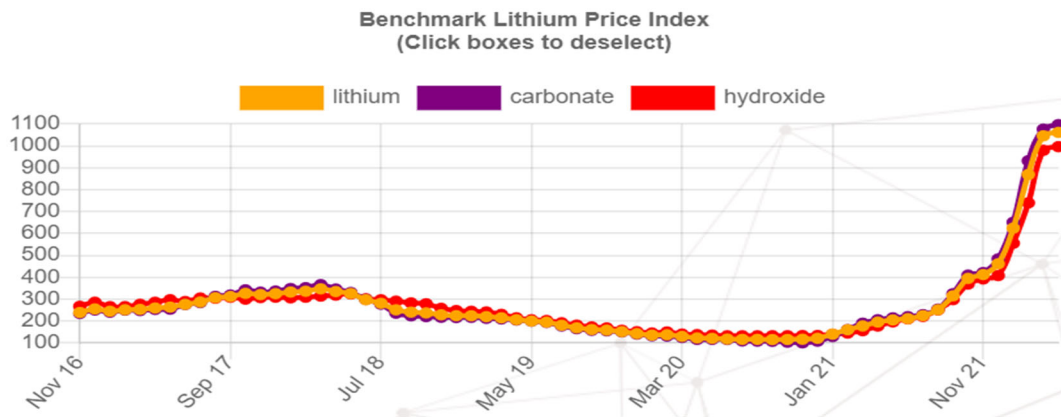
Cobalt and Lithium Prices

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/>