
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

May 6, 2022 Edition
(Data for Week Ending April 30, 2022)

Prepared by
National Mining Association



101 Constitution Avenue, NW, Suite 500 East
Washington, DC, 20001
Phone (202) 463-2600
<http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 60, No. 18
Dated 05/06/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/30/22	05/01/21	% Chng	04/30/22	04/30/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,769	10,631	1.3%	192,934	185,624	3.9%
52 Weeks Ended	583,989	531,552	9.9%			
AAR Coal Rail Cars Loaded:	63,169	62,970	0.3%	1,108,943	1,033,062	7.3%
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%
EI Electric Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		
	04/30/22	05/01/21		04/30/22	05/01/21	% Chng
EI Electric Total Output (Mil. Kwh)	69,920	69,091	1.2%	1,371,154	1,329,599	3.1%
EI Coal Region Output (Mil. Kwh)	60,533	59,621	1.5%	1,185,318	1,147,514	3.3%
AISI Raw Steel Output (000 Tons)	1,775	1,834	-3.2%	29,848	30,340	-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)	
	04/29/22	04/22/22	% Chng	Wed.	04/27/22
Central App, 12,500 Btu, 1.2 SO ₂	\$119.30	\$117.05	1.9%	Henry Hub	6.94
Northern App, 13,000 Btu, < 3.0 SO ₂	96.00	94.85	1.2%	New York	6.68
Illinois Basin, 11,800, 5.0 SO ₂	119.00	117.65	1.1%	Chicago	7.01
Powder River Basin, 8,800 Btu 0.8 SO ₂	15.55	15.70	-1.0%	Cal.Comp.Avg.	7.34
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.40	36.55	2.3%		

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		
	4/30/2022 (week 18)	4/23/2022 (week 17)	5/1/2021 (week 18)	4/30/2022	4/30/2021	% Change	4/30/2022	5/1/2021	% Change
Alabama	143	124	157	2,919	3,782	-22.8	8,435	11,542	-26.9
Alaska	17	15	17	352	384	-8.4	1,008	1,036	-2.7
Colorado	222	199	192	3,707	3,241	14.4	12,315	9,822	25.4
Illinois	725	617	730	14,197	14,310	-0.8	36,707	34,635	6.0
Indiana	338	306	345	6,045	6,350	-4.8	19,120	18,769	1.9
Kentucky total	508	468	499	9,124	8,714	4.7	26,979	24,227	11.4
Eastern (KY)	214	198	197	3,631	3,147	15.3	10,796	8,454	27.7
Western (KY)	294	269	302	5,493	5,567	-1.3	16,183	15,773	2.6
Louisiana	5	4	5	77	77	0.1	300	294	2.0
Maryland	25	22	21	444	434	2.4	1,319	1,117	18.1
Mississippi	64	58	62	1,049	1,075	-2.4	3,166	2,829	11.9
Missouri	1	1	1	22	24	-7.4	42	126	-66.7
Montana	534	483	503	9,318	8,711	7.0	29,121	25,414	14.6
New Mexico	143	128	153	2,588	3,002	-13.8	8,831	9,350	-5.6
North Dakota	458	427	452	8,505	8,923	-4.7	26,066	26,011	0.2
Ohio	40	35	40	765	925	-17.3	2,597	3,015	-13.9
Oklahoma	s	s	.	s	.	100.0	1	.	.
Pennsylvania total	862	799	851	16,344	15,393	6.2	43,222	38,351	12.7
Anthracite (PA)	32	29	35	582	644	-9.6	2,023	2,163	-6.5
Bituminous (PA)	830	769	816	15,762	14,749	6.9	41,199	36,188	13.8
Texas	266	239	289	4,721	4,957	-4.8	16,976	17,971	-5.5
Utah	205	186	224	3,803	4,084	-6.9	12,034	12,630	-4.7
Virginia	214	194	195	3,820	3,513	8.8	11,255	9,548	17.9
West Virginia total	1,514	1,374	1,476	27,658	26,167	5.7	79,972	70,105	14.1
Northern (WV)	837	767	824	15,919	14,973	6.3	45,323	40,352	12.3
Southern (WV)	677	607	652	11,740	11,194	4.9	34,649	29,753	16.5
Wyoming	4,485	4,195	4,417	77,475	71,558	8.3	244,523	214,762	13.9
Appalachian total	3,012	2,746	2,938	55,582	53,361	4.2	157,596	142,130	10.9
Interior total	1,692	1,495	1,734	31,604	32,360	-2.3	92,496	90,397	2.3
Western total	6,064	5,633	5,959	105,747	99,903	5.8	333,898	299,025	11.7
East of Mississippi River	4,433	3,997	4,378	82,366	80,663	2.1	232,772	214,136	8.7
West of Mississippi River	6,336	5,877	6,253	110,567	104,961	5.3	351,217	317,416	10.6
Bituminous and lignite	10,737	9,845	10,596	192,352	184,980	4.0	581,967	529,389	9.9
Anthracite	32	29	35	582	644	-9.6	2,023	2,163	-6.5
U.S. total	10,769	9,874	10,631	192,934	185,624	3.9	583,989	531,552	9.9
Railroad cars loaded	63,169	57,894	62,970	1,108,943	1,033,062	7.3	3,402,565	3,010,823	13.0

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 18

OUTPUT FOR WEEK ENDED - Apr 30, 2022

May 04, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 30, 2022** was **69,920** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 30		52 Weeks Ended April 30	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	1,830	-0.8	116,464	0.8
Mid-Atlantic	6,680	-0.9	420,955	1.8
Central Industrial	11,270	2.5	657,344	3.0
West Central	5,760	2.4	340,287	4.5
Southeast	17,455	-0.7	1,019,589	1.7
South Central	14,698	5.0	794,614	3.9
Rocky Mountain	4,670	-0.3	295,288	2.0
Pacific Northwest	3,037	4.1	160,583	4.0
Pacific Southwest	4,520	-4.0	269,066	0.8
Total United States	69,920	1.2	4,074,189	2.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Apr 09	71,047	Apr 10	67,321	5.5	Apr 09	4,067,444	2.7
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
Apr 30	1,371,154	May 01	1,329,599	3.1	YEAR TO DATE, FIRST 18 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Apr 09	177	Apr 10	165	Apr 11	164
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

* 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		
	30-Apr 2022 GWh Output	1-May 2021 GWh Output	% Increase Over Corresponding Week	30-Apr 2022 GWh Output	1-May 2021 GWh Output	% Increase Over Corresponding Week	30-Apr 2022 GWh Output	1-May 2021 GWh Output	% Increase Over Corresponding Week
New England	1,830	1,844	-0.8%	39,942	39,410	1.3%	116,464	115,580	0.8%
Mid-Atlantic	6,680	6,742	-0.9%	142,278	139,621	1.9%	420,955	413,633	1.8%
Central Industrial	11,270	10,994	2.5%	228,471	222,169	2.8%	657,344	638,146	3.0%
West Central	5,760	5,627	2.4%	115,192	110,040	4.7%	340,287	325,614	4.5%
Southeast	17,455	17,579	-0.7%	343,541	338,788	1.4%	1,019,589	1,002,700	1.7%
South Central	14,698	13,994	5.0%	260,558	243,959	6.8%	794,614	764,524	3.9%
Rocky Mountain	4,670	4,685	-0.3%	95,278	92,937	2.5%	295,288	289,448	2.0%
Pacific Northwest	3,037	2,918	4.1%	62,045	59,635	4.0%	160,583	154,426	4.0%
Pacific Southwest	4,520	4,708	-4.0%	83,848	83,042	1.0%	269,066	266,948	0.8%
Total United States ^{1/}	69,920	69,091	1.2%	1,371,153	1,329,601	3.1%	4,074,190	3,971,019	2.6%
Coal Regions Only ^{2/}	60,533	59,621	1.5%	1,185,318	1,147,514	3.3%	3,528,077	3,434,065	2.7%

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

May 2, 2022

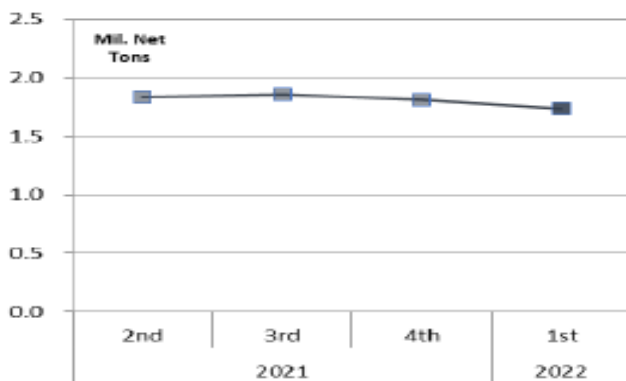
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

Period	Thousand Net Tons	Percent Change from Previous Period	Percent Capacity Utilization**	Production by District		
				Week Ending Apr 30	Week Ending Apr 23	
<u>Week Ending</u>				North East	174	167
				Great Lakes	567	571
April 30, 2022	1,775	-0.5	81.3	Midwest	207	212
April 30, 2021	1,834	-3.2	80.8	Southern	754	766
April 23, 2022	1,784	1.0	81.7	Western	73	68
				Total	1,775	1,784
<u>Year-to-Date +</u>						
April 30, 2022	29,848	-1.6	80.0			
April 30, 2021	30,340	-	78.0			

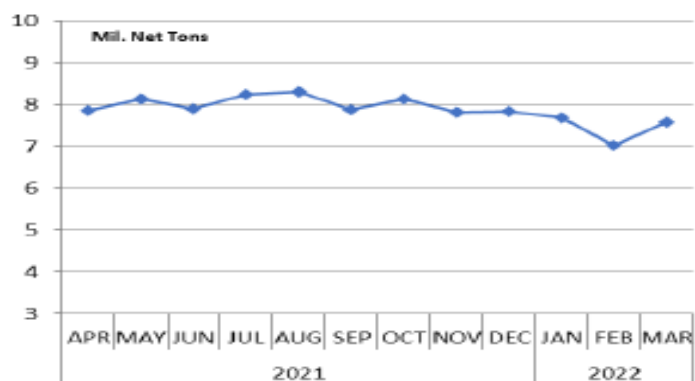
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

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

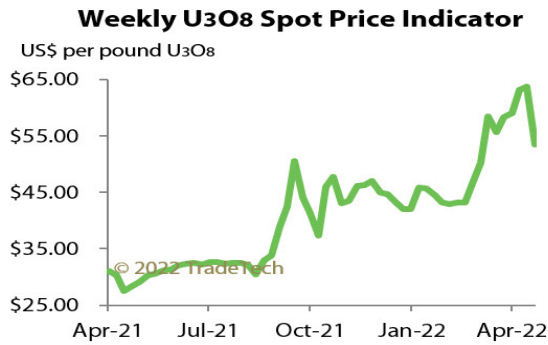
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	232,972	-3.4%	3,906,843	229,814	1.1%
Chemicals	34,529	7.7%	587,128	34,537	8.0%
Coal	63,169	-0.2%	1,101,698	64,806	7.3%
Farm Products excl. Grain, and Food	16,393	0.0%	279,846	16,462	2.9%
Forest Products	10,175	0.1%	168,835	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.

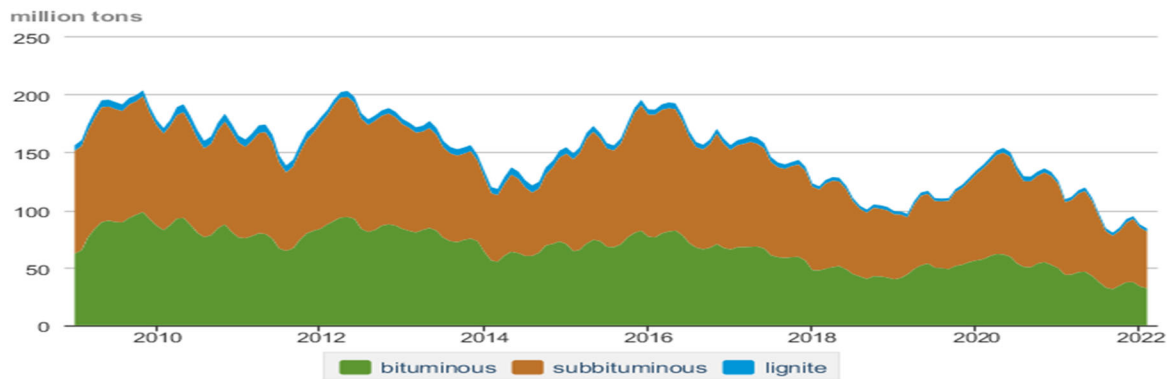
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

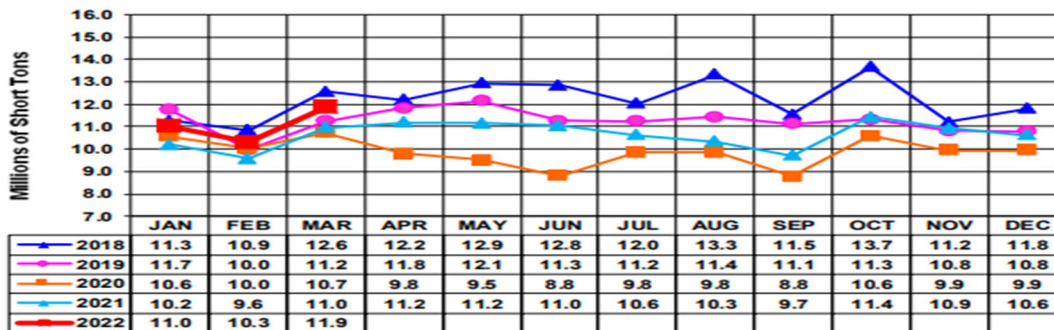
Coal stocks by type, January 2009 - February 2022



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.

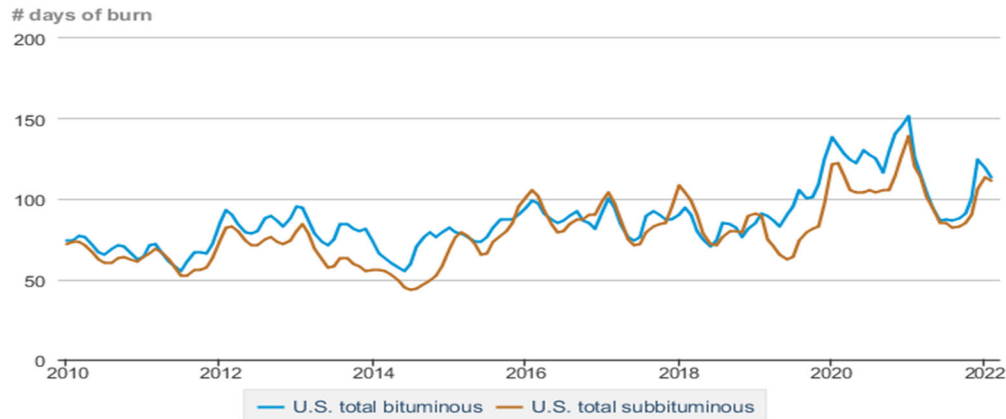
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/01/22	04/08/22	04/15/22	04/22/22	04/29/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$106.15	\$106.15	\$117.05	\$117.05	\$119.30	\$2.25
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$92.00	\$92.00	\$94.85	\$94.85	\$96.00	\$1.15
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$109.55	\$109.55	\$117.85	\$117.85	\$119.00	\$1.15
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$16.10	\$16.10	\$15.70	\$15.70	\$15.55	\$-0.15
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$36.35	\$36.35	\$36.55	\$36.55	\$37.40	\$0.85

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 21)

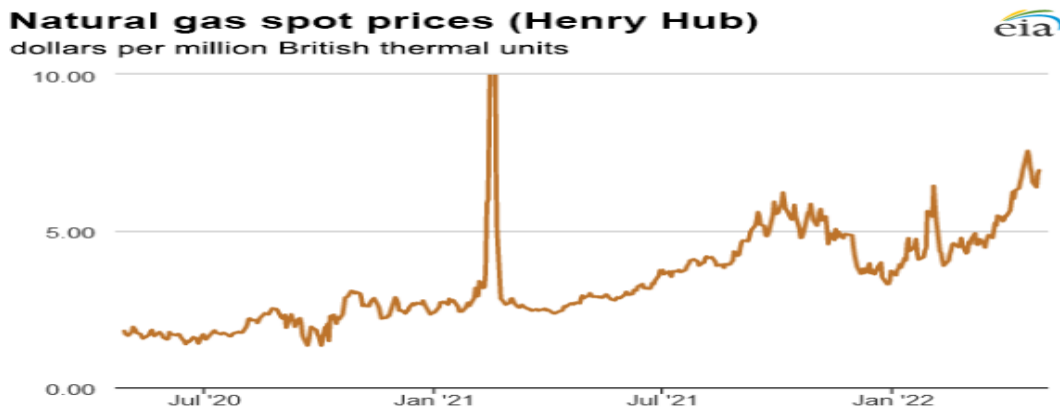
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	122	-5	-1	0	0	0
Middle Atlantic	127	18	20	0	0	0
E N Central	154	41	9	0	0	0
W N Central	167	65	10	0	-1	0
South Atlantic	69	18	12	21	5	0
E S Central	65	18	-12	2	-3	2
W S Central	19	-1	-40	42	19	35
Mountain	96	-11	-47	11	2	7
Pacific	76	14	27	0	-3	0
United States	106	22	4	9	2	5

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)		
	2022-04-22	2022-04-15	change
East	238	238	0
Midwest	309	304	5
Mountain	90	89	1
Pacific	171	169	2
South Central	681	650	31
Total	1,490	1,450	40

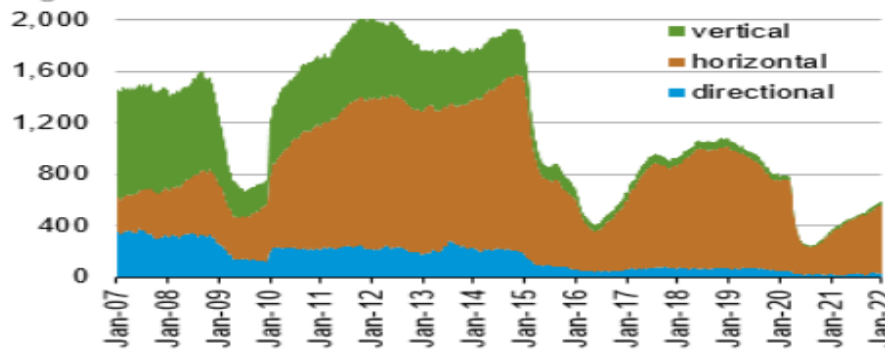
Source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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	11,548	(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

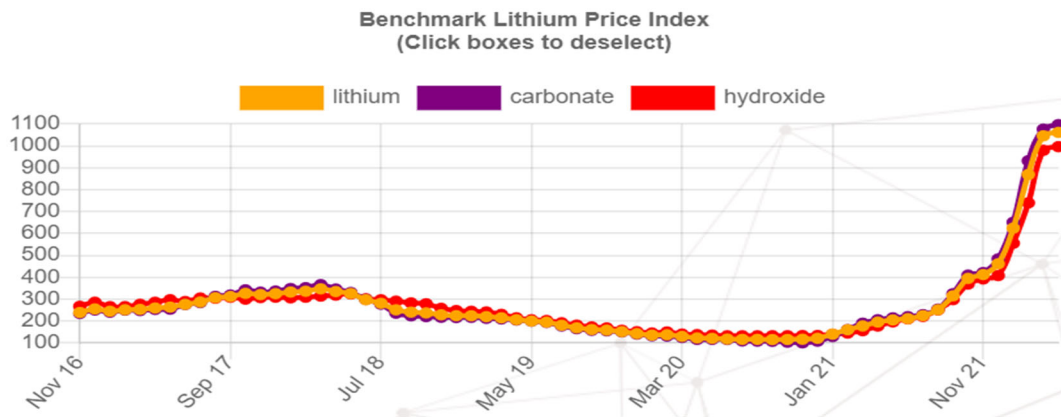
Cobalt and Lithium Prices

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/>