
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

April 8, 2022 Edition
(Data for Week Ending April 2, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 14
Dated 04/08/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/02/22	04/03/21	% Chng	04/02/22	04/02/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,126	10,574	5.2%	150,548	143,328	5.0%
52 Weeks Ended	583,972	524,780	11.3%			
AAR Coal Rail Cars Loaded:	63,932	59,661	7.2%	860,605	782,532	10.0%
Coal Production	March 22/21		% Chng	Jan - Mar 22/21		% Chng
Month Ended - March	50,692	50,881	-0.4%	147,438	140,306	5.1%
DOC Coal Trade (000 Tons)						
Exports:	Feb 22/21		% Chng	Jan - Feb 22/21		% Chng
Metallurgical	3,998	3,709	7.8%	6,943	6,958	-0.2%
Steam Bit. *	3,159	3,652	-13.5%	5,917	6,092	-2.9%
Lignite	4	7	-42.9%	12	14	-14.3%
Anthracite	6	31	-80.6%	11	71	-84.5%
Total	7,167	7,399	-3.1%	12,883	13,135	-1.9%
Imports:	289	309	-6.5%	792	835	-5.1%
	Week Ended			Cumulative Week 1 to		
	04/02/22	04/02/21	% Chng	04/02/22	04/02/21	% Chng
EEl Electric Total Output (Mil. Kwh)	71,560	68,183	5.0%	1,089,686	1,058,602	2.9%
EEl Coal Region Output (Mil. Kwh)	62,144	58,643	6.0%	942,071	914,051	3.1%
AISI Raw Steel Output (000 Tons)	1,724	1,787	-3.5%	22,911	23,005	-0.4%

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)	
	04/01/22	03/25/22	% Chng	Wed.	03/30/22
Central App, 12,500 Btu, 1.2 SO ₂	\$106.15	\$97.30	9.1%	Henry Hub	5.34
Northern App, 13,000 Btu, < 3.0 SO ₂	92.00	81.80	12.5%	New York	4.61
Illinois Basin, 11,800, 5.0 SO ₂	109.55	97.00	12.9%	Chicago	5.14
Powder River Basin, 8,800 Btu 0.8 SO ₂	16.10	16.75	-3.9%	Cal.Comp.Avg.	5.17
Uinta Basin, 11,700 Btu, 0.8 SO ₂	36.35	33.30	9.2%		

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



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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		
	4/2/2022 (week 14)	3/26/2022 (week 13)	4/3/2021 (week 14)	4/2/2022	4/2/2021	% Change	4/2/2022	4/3/2021	% Change
Alabama	156	193	203	2,368	3,156	-25.0	8,512	11,918	-28.6
Alaska	20	20	21	285	315	-9.5	1,010	1,036	-2.5
Colorado	216	227	186	2,824	2,477	14.0	12,198	9,765	24.9
Illinois	756	863	796	11,388	11,404	-0.1	36,808	33,966	8.4
Indiana	354	368	358	4,715	4,978	-5.3	19,165	18,762	2.1
Kentucky total	530	560	496	7,130	6,728	6.0	26,975	23,566	14.5
Eastern (KY)	212	228	183	2,787	2,364	17.9	10,737	8,213	30.7
Western (KY)	318	332	314	4,343	4,364	-0.5	16,238	15,353	5.8
Louisiana	5	5	4	58	59	-1.5	299	307	-2.6
Maryland	26	27	24	345	349	-1.2	1,305	1,118	16.7
Mississippi	61	63	61	798	829	-3.7	3,162	2,823	12.0
Missouri	1	1	1	19	19	3.1	45	132	-65.9
Montana	540	569	497	7,206	6,709	7.4	29,014	25,116	15.5
New Mexico	151	171	167	2,028	2,395	-15.3	8,880	9,402	-5.6
North Dakota	473	522	495	6,706	7,125	-5.9	26,067	26,108	-0.2
Ohio	45	45	50	608	764	-20.5	2,600	3,070	-15.3
Oklahoma	s	.	.	s	.	100.0	1	.	.
Pennsylvania total	931	979	870	12,994	12,008	8.2	43,263	36,947	17.1
Anthracite (PA)	34	37	36	456	504	-9.4	2,037	2,190	-7.0
Bituminous (PA)	897	942	834	12,538	11,504	9.0	41,226	34,757	18.6
Texas	272	289	283	3,666	3,808	-3.7	17,073	18,257	-6.5
Utah	218	228	231	2,998	3,192	-6.1	12,122	12,697	-4.5
Virginia	222	232	199	2,977	2,735	8.8	11,190	9,363	19.5
West Virginia total	1,582	1,657	1,486	21,727	20,295	7.1	79,922	68,845	16.1
Northern (WV)	892	933	846	12,646	11,693	8.1	45,335	39,603	14.5
Southern (WV)	690	723	640	9,081	8,602	5.6	34,587	29,242	18.3
Wyoming	4,566	4,569	4,146	59,709	53,983	10.6	244,362	211,580	15.5
Appalachian total	3,175	3,360	3,014	43,806	41,671	5.1	157,529	139,474	12.9
Interior total	1,766	1,921	1,818	24,987	25,460	-1.9	92,790	89,600	3.6
Western total	6,184	6,306	5,743	81,755	76,197	7.3	333,653	295,705	12.8
East of Mississippi River	4,664	4,986	4,542	65,050	63,246	2.9	232,903	210,377	10.7
West of Mississippi River	6,462	6,601	6,032	85,498	80,082	6.8	351,069	314,402	11.7
Bituminous and lignite	11,092	11,550	10,538	150,092	142,824	5.1	581,935	522,590	11.4
Anthracite	34	37	36	456	504	-9.4	2,037	2,190	-7.0
U.S. Total	11,126	11,587	10,574	150,548	143,328	5.0	583,972	524,780	11.3
Railroad cars loaded	63,932	66,504	59,661	860,605	782,532	10.0	3,405,185	2,954,690	15.2

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 14

OUTPUT FOR WEEK ENDED - Apr 02, 2022

Apr 06, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 02, 2022** was **71,560** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **177** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 02		52 Weeks Ended April 02	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,062	4.4	116,455	0.8
Mid-Atlantic	7,673	9.7	420,310	1.8
Central Industrial	12,393	9.1	655,531	3.2
West Central	5,992	8.0	339,376	4.7
Southeast	17,615	1.3	1,017,431	1.8
South Central	13,625	8.6	790,433	3.7
Rocky Mountain	4,846	1.0	295,213	2.5
Pacific Northwest	2,919	-4.7	159,642	3.7
Pacific Southwest	4,435	-1.5	269,328	1.3
Total United States	71,560	5.0	4,063,718	2.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Mar 12	75,113	Mar 13	69,318	8.4	Mar 12	4,056,870	2.6
Mar 19	70,813	Mar 20	69,934	1.3	Mar 19	4,057,749	2.6
Mar 26	70,186	Mar 27	67,594	3.8	Mar 26	4,060,341	2.7
Apr 02	71,560	Apr 03	68,183	5.0	Apr 02	4,063,718	2.7
Apr 02	1,089,686	Apr 03	1,058,602	2.9	YEAR TO DATE, FIRST 14 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Mar 12	182	Mar 13	169	Mar 14	175
Mar 19	173	Mar 20	171	Mar 21	177
Mar 26	171	Mar 27	161	Mar 28	170
Apr 02	177	Apr 03	165	Apr 04	164

* 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		
	2-Apr 2022 GWh Output	3-Apr 2021 GWh Output	% Increase Over Corresponding Week	2-Apr 2022 GWh Output	3-Apr 2021 GWh Output	% Increase Over Corresponding Week	2-Apr 2022 GWh Output	3-Apr 2021 GWh Output	% Increase Over Corresponding Week
New England	2,062	1,975	4.4%	32,482	31,958	1.6%	116,455	115,550	0.8%
Mid-Atlantic	7,673	6,992	9.7%	114,915	112,902	1.8%	420,310	412,904	1.8%
Central Industrial	12,393	11,361	9.1%	182,517	178,028	2.5%	655,531	635,059	3.2%
West Central	5,992	5,549	8.0%	92,066	87,825	4.8%	339,376	324,130	4.7%
Southeast	17,615	17,391	1.3%	273,684	271,089	1.0%	1,017,431	999,413	1.8%
South Central	13,625	12,551	8.6%	202,687	190,271	6.5%	790,433	762,310	3.7%
Rocky Mountain	4,846	4,799	1.0%	76,202	73,936	3.1%	295,213	288,091	2.5%
Pacific Northwest	2,919	3,062	-4.7%	49,449	47,979	3.1%	159,642	153,880	3.7%
Pacific Southwest	4,435	4,503	-1.5%	65,683	64,615	1.7%	269,328	265,918	1.3%
Total United States ^{1/}	71,560	68,183	5.0%	1,089,685	1,058,603	2.9%	4,063,719	3,957,255	2.7%
Coal Regions Only ^{2/}	62,144	58,643	6.0%	942,071	914,051	3.1%	3,518,294	3,421,907	2.8%

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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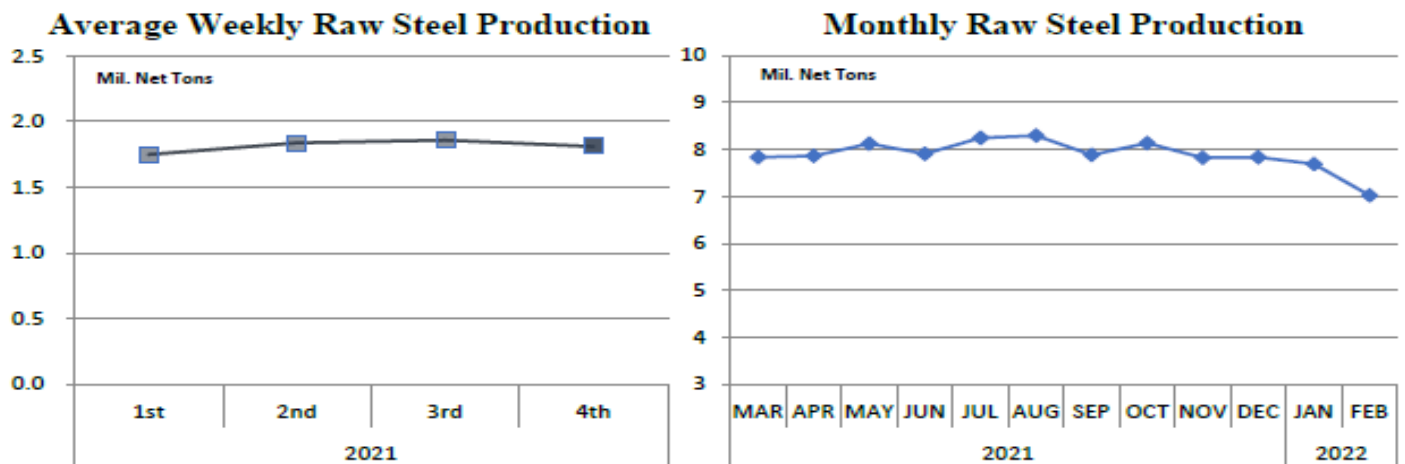
April 4, 2022

ESTIMATED WEEKLY RAW STEEL* PRODUCTION

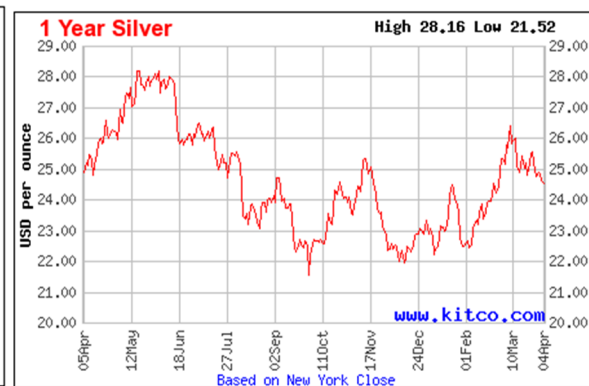
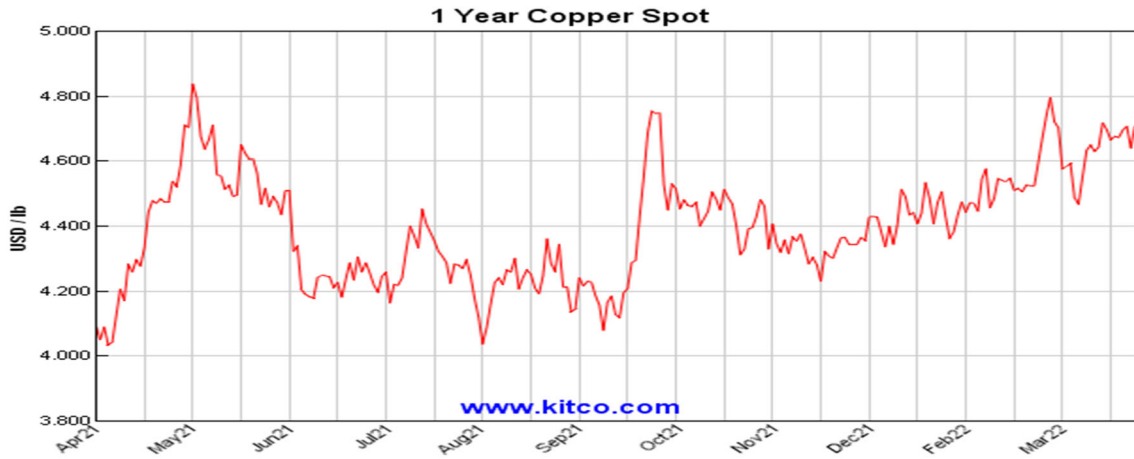
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Apr 2</u>	<u>Mar 26</u>	
<u>Week Ending</u>				North East	173	170
				Great Lakes	565	578
April 2, 2022	1,724	-0.1	79.3	Midwest	180	166
April 2, 2021	1,787	-3.5	78.8	Southern	731	746
March 26, 2022	1,726	-0.9	79.4	Western	75	66
				Total	1,724	1,726
<u>Year-to-Date +</u>						
April 2, 2022	22,911	-0.4	80.2			
April 2, 2021	23,005	-	77.1			

*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: Capability 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.



*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 12, 2022 – Ended March 26, 2022

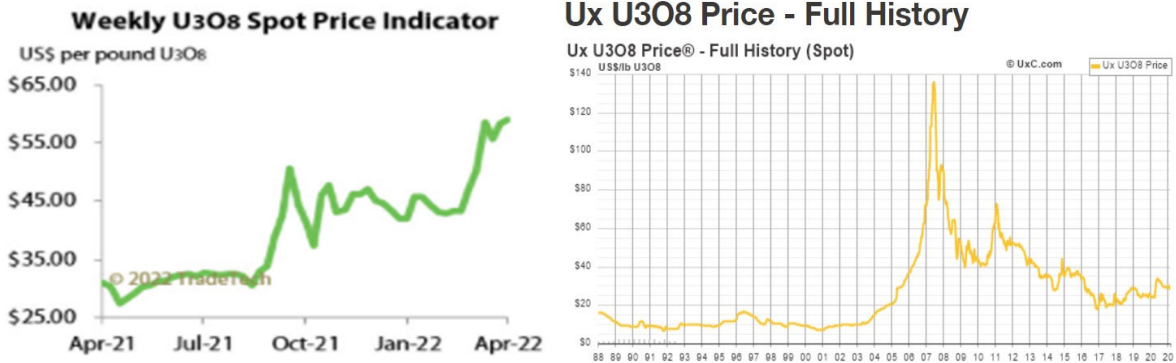
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	233,555	0.5%	2,755,177	229,598	2.8%
Chemicals	34,264	6.9%	414,452	34,538	9.7%
Coal	66,504	8.4%	789,428	65,786	10.2%
Farm Products excl. Grain, and Food	16,682	0.8%	197,104	16,425	2.4%
Forest Products	9,827	-3.1%	119,749	9,979	0.4%
Grain	22,516	-8.2%	281,407	23,451	-7.3%
Metallic Ores and Metals	20,492	-6.6%	242,001	20,167	-2.4%
Motor Vehicles and Parts	14,341	6.1%	151,798	12,650	-12.5%
Nonmetallic Minerals	30,988	-4.0%	339,289	28,274	10.7%
Petroleum and Petroleum Products	8,638	-19.2%	111,740	9,312	-15.1%
Other	9,303	-0.4%	108,209	9,017	-3.2%
Total Intermodal Units	271,262	-6.2%	3,099,667	258,306	-7.0%
Total Traffic	504,817	-3.2%	5,854,844	487,904	-2.7%

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.

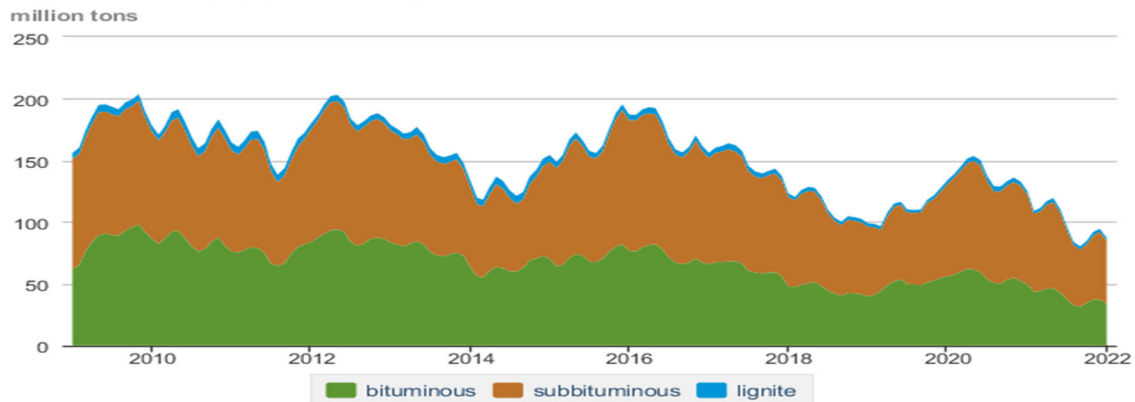
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

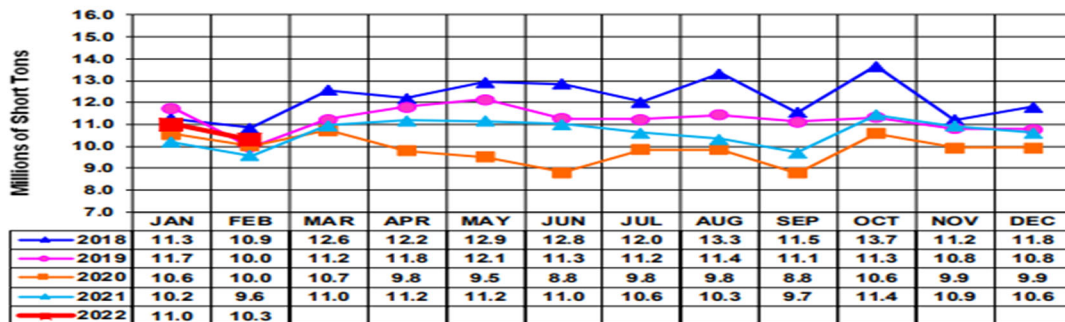
Coal stocks by type, January 2009 - January 2022



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

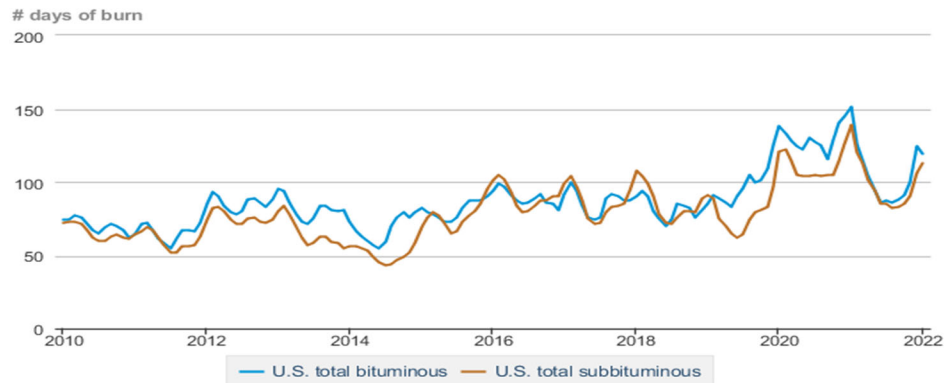
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	03/04/22	03/11/22	03/18/22	03/25/22	04/01/22	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$93.40	\$93.40	\$97.30	\$97.30	\$106.15	\$8.85
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$79.55	\$79.55	\$81.80	\$81.80	\$92.00	\$10.20
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$92.50	\$92.50	\$97.00	\$97.00	\$109.55	\$12.55
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$16.75	\$16.75	\$16.75	\$16.75	\$16.10	\$-0.65
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$32.95	\$32.95	\$33.30	\$33.30	\$36.35	\$3.05

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 - January 2022



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Mar 24)

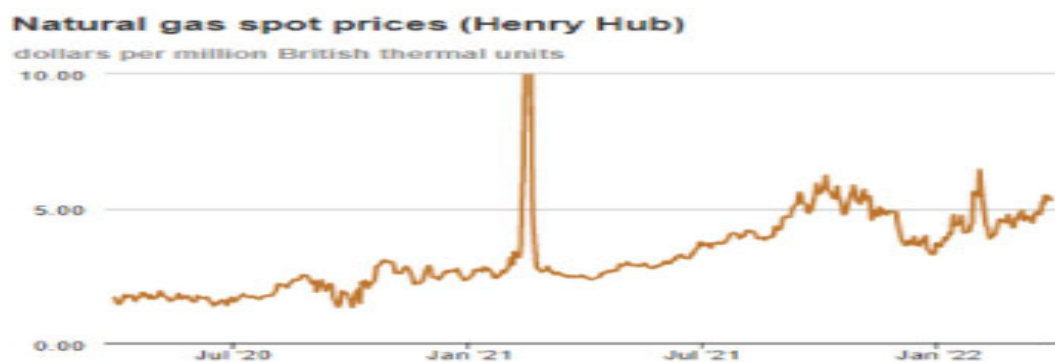
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	135	-54	-27	0	0	0
Middle Atlantic	112	-62	-38	0	0	0
E N Central	126	-56	-1	0	0	0
W N Central	148	-32	8	0	-1	0
South Atlantic	57	-42	-32	18	6	8
E S Central	66	-28	-4	0	-5	0
W S Central	57	2	-6	5	-8	0
Mountain	149	-1	-12	1	-2	1
Pacific	56	-31	-49	0	-1	0
United States	99	-38	-19	4	-1	2

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 - 3rd Quarter	2020 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	628.0	543.0	16%
Cement (Mil. Mt.)	67.6	66.3	2%
Copper (000 Mt.)	912.0	906.0	1%
Gold (Mt.)	135.0	144.0	-6%
Gypsum (Mil. Mt.)	14.2	12.8	11%
Iron Ore (Mil. Mt.)	34.9	27.0	29%
Lead (000 Mt.)	220.0	219.0	0%
Molybdenum (000 Mt.)	31.8	37.7	-16%
Phosphate rock (Mil. Mt.)	16.6	18.0	-8%
Sand & gravel, construction (Mil. Mt.)	753.0	705.0	7%
Silver (Mt.)	773.0	760.0	2%
Soda ash (Mil. Mt.)	8.7	7.3	19%
Stone, crushed (Mil. Mt.)	1,140.0	1,110.0	3%
Zinc (000 Mt.)	530.0	505.0	5%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2020 data are preliminary estimates. W - withheld, N/A - not available



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Natural Gas Intelligence
 Note: Henry Hub prices reported for February 16 and 17, 2021, exceeded the published range, averaging \$16.96/MMBtu and \$23.61/MMBtu, respectively.

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	January 2022		January 2021		% Change of Stocks	December 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,169	349	3,386	365	-36.0%	2,851	365	-23.9%
	Subbituminous	-	-	72	189	-	-	-	-
South	Bituminous	11,824	100	19,198	144	-38.4%	14,515	114	-18.5%
	Subbituminous	3,559	67	5,886	111	-39.5%	3,921	68	-9.2%
Midwest	Bituminous	10,559	127	11,940	132	-11.6%	10,653	113	-0.9%
	Subbituminous	17,134	121	28,008	156	-38.8%	20,064	119	-14.6%
West	Bituminous	2,150	138	2,990	177	-28.1%	2,051	126	4.8%
	Subbituminous	19,178	120	25,175	132	-23.8%	18,838	105	1.8%
U.S. Total	Bituminous	26,702	119	37,515	151	-28.8%	30,071	124	-11.2%
	Subbituminous	39,871	113	59,141	139	-32.6%	42,822	106	-6.9%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

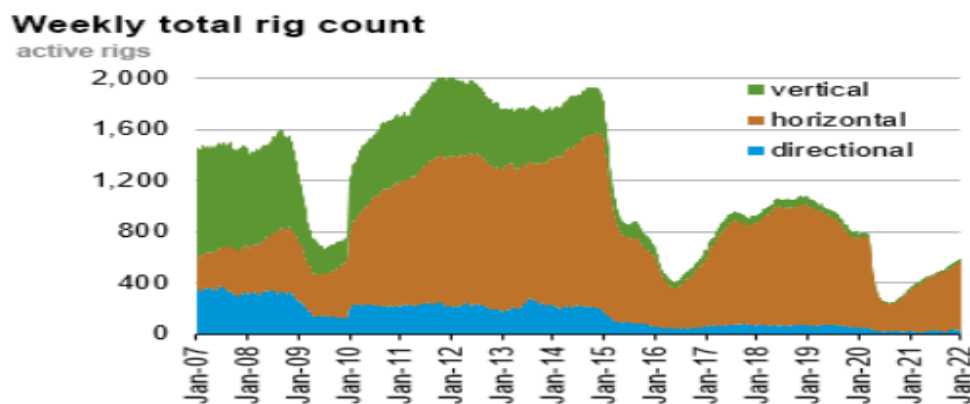
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-03-25	2022-03-18	change
East	268	268	0
Midwest	317	318	-1
Mountain	89	87	2
Pacific	161	157	4
South Central	581	559	22
Total	1,415	1,389	26

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: 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

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					
	March 2022	April 2022	change	March 2022	April 2022	change	March 2022	April 2022	change
Anadarko	764	749	(15)	3,890	3,773	(117)			
Appalachia	189	189	-	30,378	29,861	(517)			
Bakken	1,963	1,879	(84)	2,748	2,630	(118)			
Eagle Ford	2,116	2,053	(63)	7,597	7,369	(228)			
Haynesville	19	19	-	11,973	11,758	(215)			
Niobrara	1,593	1,577	(16)	4,201	4,117	(84)			
Permian	1,171	1,157	(14)	2,293	2,265	(28)			
Rig-weighted average	1,086	1,072	(14)	6,272	6,257	(15)			

Source: Energy Information Administration, *Drilling Productivity Report*

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

Cobalt - December 2021	Dec-21	Year to Date
U.S. Imports for Consumption - Metals (mt)	440	7,210
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	333	4,930
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	256
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	32.78	31.26

Source: U.S. Geological Survey, Mineral Industry Survey, Mar. 2022

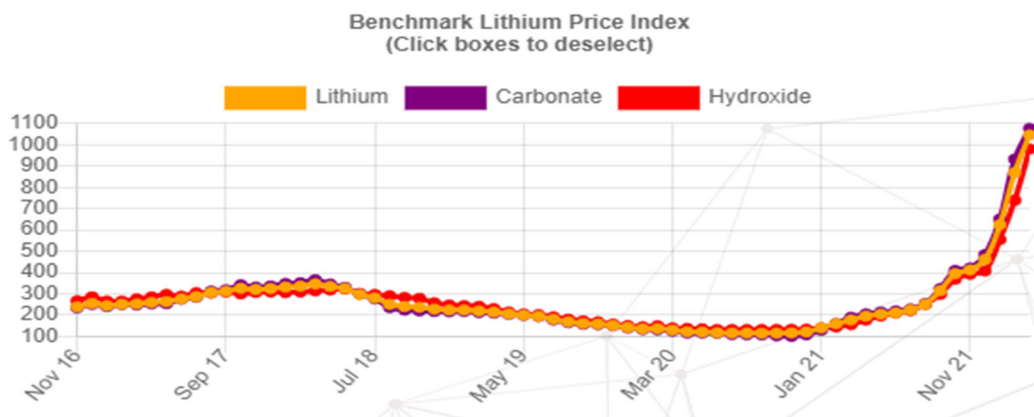
Cobalt and Lithium Prices

Cobalt Prices (US\$/pound):



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

Lithium Price Index:



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