
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

March 11, 2022 Edition
(Data for Week Ending March 5, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 10
Dated 03/11/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	03/05/22	03/06/21	% Chng	03/05/22	03/05/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,907	12,049	-1.2%	105,438	98,461	7.1%
52 Weeks Ended	583,472	521,782	11.8%			
AAR Coal Rail Cars Loaded:	68,304	65,632	4.1%	601,651	536,706	12.1%
Coal Production	February 22/21		% Chng	Jan - Feb 22/21		% Chng
Month Ended - February	47,115	40,868	15.3%	96,746	89,425	8.2%
DOC Coal Trade (000 Tons)						
Exports:	Jan 22/21		% Chng	Jan - Jan 22/21		% Chng
Metallurgical	2,945	3,249	-9.4%	2,945	3,249	-9.4%
Steam Bit. *	2,758	2,439	13.1%	2,758	2,439	13.1%
Lignite	8	7	14.3%	8	7	14.3%
Anthracite	5	40	-87.5%	5	40	-87.5%
Total	5,716	5,735	-0.3%	5,716	5,735	-0.3%
Imports:	526	535	-1.7%	526	535	-1.7%
	Week Ended			Cumulative Week 1 to		
	03/05/22	03/06/21	% Chng	03/05/22	03/06/21	% Chng
EEl Electric Total Output (Mil. Kwh)	74,439	73,193	1.7%	802,014	783,574	2.4%
EEl Coal Region Output (Mil. Kwh)	64,213	63,053	1.8%	693,382	678,203	2.2%
AISI Raw Steel Output (000 Tons)	1,762	1,760	0.1%	16,324	15,913	2.6%

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)	
	03/04/22	02/25/22	% Chng	Wed.	03/02/22
Central App, 12,500 Btu, 1.2 SO ₂	\$93.40	\$90.55	3.1%	Henry Hub	4.65
Northern App, 13,000 Btu, < 3.0 SO ₂	79.55	73.35	8.5%	New York	4.86
Illinois Basin, 11,800, 5.0 SO ₂	92.50	75.50	22.5%	Chicago	4.46
Powder River Basin, 8,800 Btu 0.8 SO ₂	16.75	21.65	-22.6%	Cal.Comp.Avg.	4.65
Uinta Basin, 11,700 Btu, 0.8 SO ₂	32.95	29.35	12.3%		

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		
	3/5/2022 (week 9)	2/26/2022 (week 8)	3/6/2021 (week 9)	3/5/2022	3/5/2021	% Change	3/5/2022	3/6/2021	% Change
Alabama	199	181	267	1,677	2,183	-23.2	8,777	11,903	-26.3
Alaska	21	22	27	202	217	-6.9	1,024	1,021	0.3
Colorado	233	207	208	1,949	1,700	14.6	12,097	9,743	24.2
Illinois	887	871	961	8,185	7,857	4.2	37,117	32,960	12.6
Indiana	378	347	419	3,272	3,425	-4.5	19,264	18,875	2.1
Kentucky total	576	526	566	4,968	4,622	7.5	26,907	23,416	14.9
Eastern (KY)	234	201	198	1,926	1,620	18.9	10,619	8,132	30.6
Western (KY)	342	325	367	3,042	3,002	1.3	16,288	15,285	6.6
Louisiana	5	4	5	39	40	-2.3	299	395	-24.3
Maryland	27	25	29	239	241	-0.9	1,306	1,114	17.2
Mississippi	65	57	70	557	570	-2.2	3,179	2,739	16.1
Missouri	2	1	2	13	13	5.5	45	139	-67.6
Montana	584	532	564	5,006	4,608	8.6	28,904	25,171	14.8
New Mexico	175	147	202	1,389	1,650	-15.8	8,978	9,527	-5.8
North Dakota	536	508	601	4,743	4,910	-3.4	26,298	25,951	1.3
Ohio	47	46	65	421	528	-20.3	2,646	3,172	-16.6
Oklahoma	.	.	.	.	.	.	1	s	100.0
Pennsylvania total	1,006	976	1,010	9,194	8,257	11.4	43,187	36,217	19.2
Anthracite (PA)	38	34	42	315	347	-9.0	2,053	2,220	-7.5
Bituminous (PA)	968	942	968	8,879	7,910	12.2	41,135	33,997	21.0
Tennessee	.	.	.	.	.	.	.	22	.
Texas	297	274	320	2,548	2,615	-2.6	17,142	18,512	-7.4
Utah	234	226	269	2,107	2,196	-4.0	12,220	12,711	-3.9
Virginia	238	221	230	2,073	1,881	10.2	11,135	9,359	19.0
West Virginia total	1,702	1,622	1,707	15,289	13,948	9.6	79,792	67,667	17.9
Northern (WV)	959	963	984	9,007	8,041	12.0	45,321	38,537	17.6
Southern (WV)	743	658	723	6,282	5,906	6.4	34,470	29,130	18.3
Wyoming	4,695	4,412	4,528	41,566	37,002	12.3	243,155	211,167	15.1
Appalachian total	3,453	3,271	3,507	30,819	28,657	7.5	157,462	137,586	14.4
Interior total	1,974	1,880	2,144	17,656	17,521	0.8	93,333	88,905	5.0
Western total	6,480	6,053	6,398	56,963	52,283	9.0	332,676	295,291	12.7
East of Mississippi River	5,124	4,871	5,324	45,875	43,510	5.4	233,310	207,444	12.5
West of Mississippi River	6,783	6,332	6,725	59,563	54,951	8.4	350,162	314,337	11.4
Bituminous and lignite	11,869	11,170	12,007	105,123	98,115	7.1	581,419	519,562	11.9
Anthracite	38	34	42	315	347	-9.0	2,053	2,220	-7.5
U.S. total	11,907	11,204	12,049	105,438	98,461	7.1	583,472	521,782	11.8
Railroad cars loaded	68,304	64,285	65,632	601,651	536,706	12.1	3,391,285	2,939,758	15.4

Source: Energy Information Administration

EI

Weekly Electric Output

Volume 90 No. 10

OUTPUT FOR WEEK ENDED - Mar 05, 2022

Mar 09, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Mar 05, 2022** was **74,439** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **171** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended March 05		52 Weeks Ended March 05	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,325	1.4	116,344	0.8
Mid-Atlantic	8,006	-1.8	419,560	1.9
Central Industrial	12,317	0.4	652,714	2.8
West Central	6,165	3.0	337,434	4.3
Southeast	18,732	-1.1	1,015,014	1.7
South Central	13,820	9.5	786,037	2.9
Rocky Mountain	5,173	1.4	294,694	2.7
Pacific Northwest	3,284	1.3	159,732	3.7
Pacific Southwest	4,617	0.3	269,545	1.5
Total United States	74,439	1.7	4,051,074	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)
Feb 12	79,531	Feb 13	83,686	-5.0	Feb 12	4,050,955	2.7
Feb 19	78,773	Feb 20	85,601	-8.0	Feb 19	4,044,127	2.3
Feb 26	79,110	Feb 27	73,408	7.8	Feb 26	4,049,828	2.5
Mar 05	74,439	Mar 06	73,193	1.7	Mar 05	4,051,075	2.5
Mar 05	802,014	Mar 06	783,574	2.4	YEAR TO DATE, FIRST 10 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*
SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Feb 12	193	Feb 13	190	Feb 15	177
Feb 19	194	Feb 20	197	Feb 22	179
Feb 26	181	Feb 27	169	Feb 29	178
Mar 05	171	Mar 06	169	Mar 07	172

* 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		
	5-Mar 2022 GWh Output	6-Mar 2021 GWh Output	% Increase Over Corresponding Week	5-Mar 2022 GWh Output	6-Mar 2021 GWh Output	% Increase Over Corresponding Week	5-Mar 2022 GWh Output	6-Mar 2021 GWh Output	% Increase Over Corresponding Week
New England	2,325	2,292	1.4%	24,283	23,869	1.7%	116,344	115,445	0.8%
Mid-Atlantic	8,006	8,149	-1.8%	85,422	84,158	1.5%	419,560	411,905	1.9%
Central Industrial	12,317	12,262	0.4%	134,216	132,544	1.3%	652,714	634,728	2.8%
West Central	6,165	5,987	3.0%	67,560	65,261	3.5%	337,434	323,652	4.3%
Southeast	18,732	18,936	-1.1%	202,339	202,162	0.1%	1,015,014	997,935	1.7%
South Central	13,820	12,615	9.6%	147,761	139,741	5.7%	786,037	763,737	2.9%
Rocky Mountain	5,173	5,104	1.4%	56,084	54,337	3.2%	294,694	286,972	2.7%
Pacific Northwest	3,284	3,243	1.3%	36,666	35,106	4.4%	159,732	154,032	3.7%
Pacific Southwest	4,617	4,605	0.3%	47,682	46,396	2.8%	269,545	265,485	1.5%
Total United States ^{1/}	74,439	73,193	1.7%	802,013	783,574	2.4%	4,051,074	3,953,891	2.5%
Coal Regions Only ^{2/}	64,213	63,053	1.8%	693,382	678,203	2.2%	3,505,453	3,418,929	2.5%

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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March 7, 2022

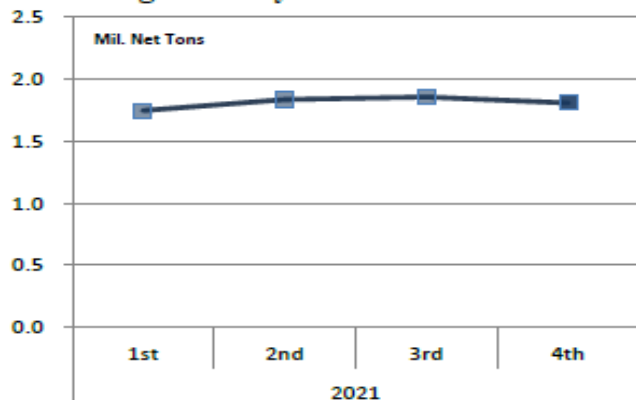
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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 Mar 5</u>	<u>Feb 26</u>	
<u>Week Ending</u>				North East	166	170
				Great Lakes	608	597
March 5, 2022	1,762	0.4	80.0	Midwest	176	186
March 5, 2021	1,760	0.1	77.7	Southern	743	736
February 26, 2022	1,755	-0.5	79.7	Western	69	66
				Total	1,762	1,755
<u>Year-to-Date +</u>						
March 5, 2022	16,324	2.6	81.1			
March 5, 2021	15,913	-	76.8			

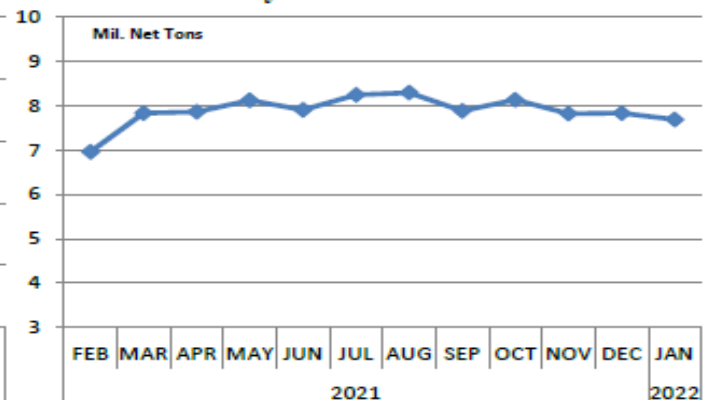
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

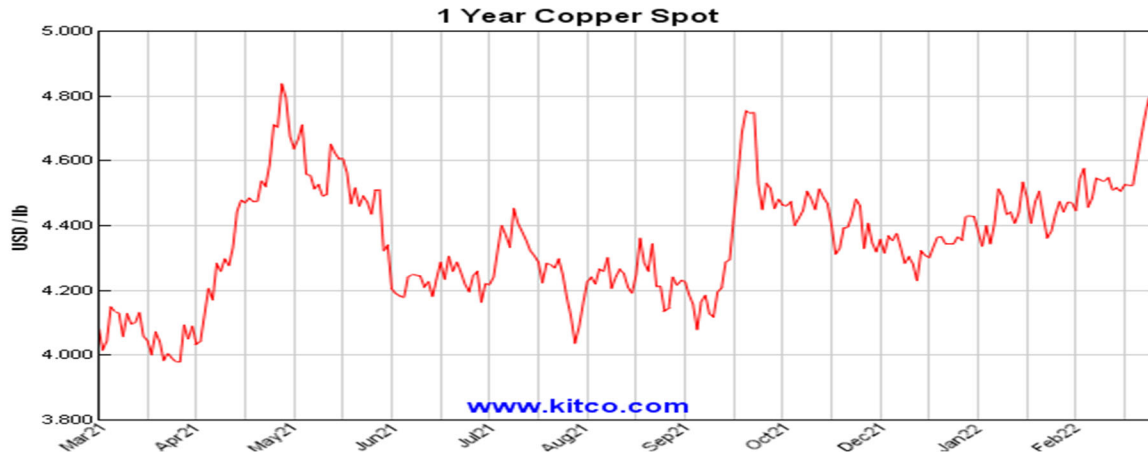
Average Weekly Raw Steel Production



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 9, 2022 – Ended March 5, 2022

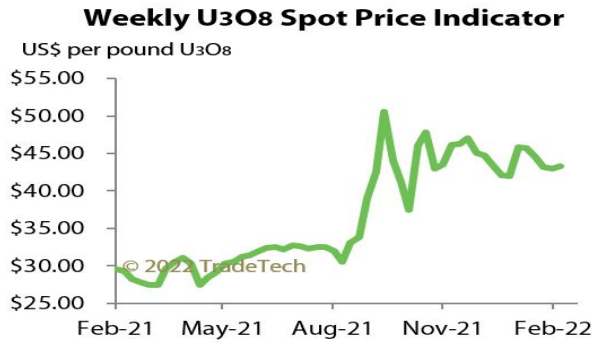
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	238,870	2.8%	2,056,464	228,496	3.5%
Chemicals	34,854	17.8%	310,077	34,453	9.1%
Coal	68,304	4.1%	594,406	66,045	12.0%
Farm Products excl. Grain, and Food	16,697	-0.7%	146,223	16,247	2.2%
Forest Products	9,883	-2.3%	89,871	9,986	1.2%
Grain	24,880	-5.9%	214,361	23,818	-5.8%
Metallic Ores and Metals	20,321	2.4%	181,373	20,153	-2.1%
Motor Vehicles and Parts	13,261	-16.6%	109,568	12,174	-15.8%
Nonmetallic Minerals	32,504	17.1%	246,684	27,409	14.3%
Petroleum and Petroleum Products	9,195	-12.5%	83,916	9,324	-14.3%
Other	8,971	-8.4%	79,985	8,887	-4.1%
Total Intermodal Units	266,307	-5.8%	2,298,067	255,341	-7.0%
Total Traffic	505,177	-1.9%	4,354,531	483,837	-2.3%

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.

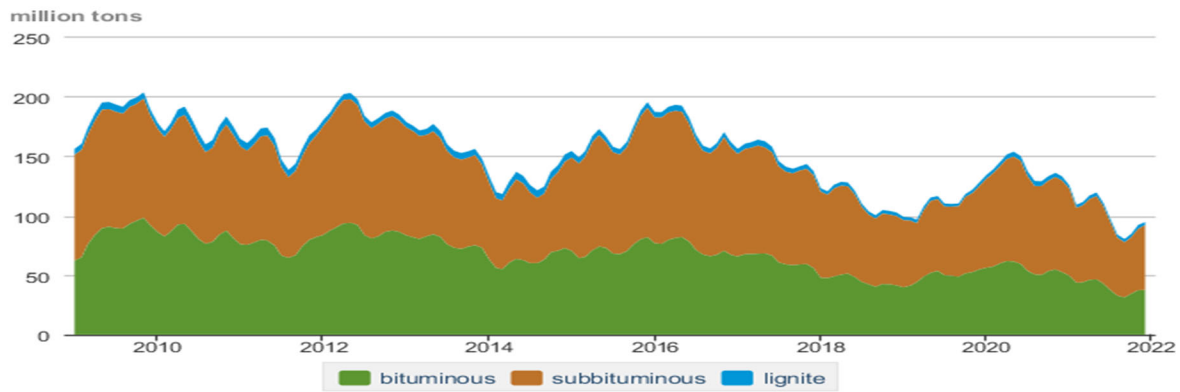
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

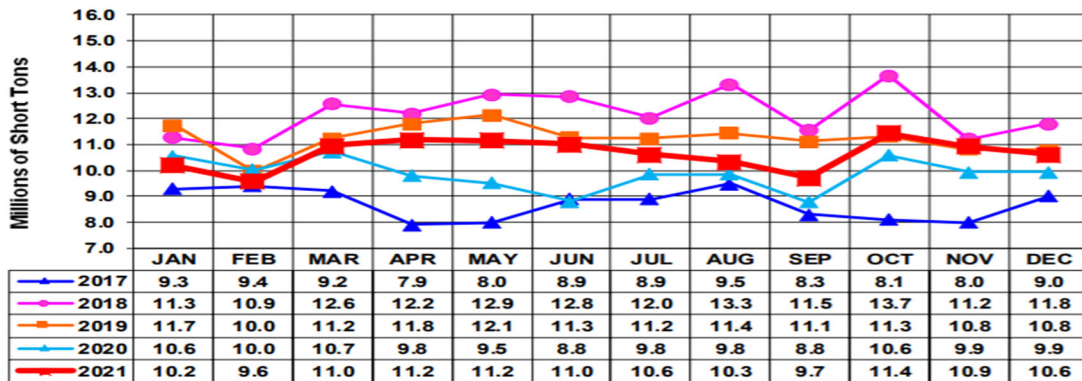
Coal stocks by type, January 2009 - December 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

Coal and Coke Monthly Indicator for Internal U.S. Waterways



Source: Waterborne Commerce Statistics Center

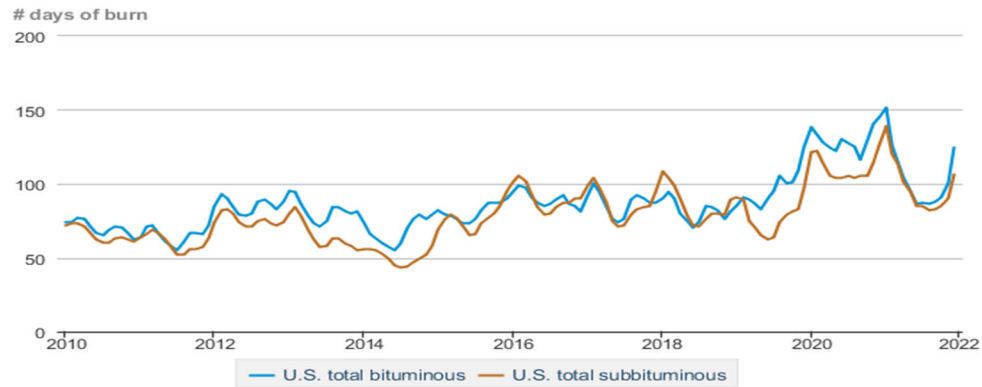
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	02/04/22	02/11/22	02/18/22	02/25/22	03/04/22	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$89.70	\$89.70	\$90.55	\$90.55	\$93.40	\$2.85
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$73.35	\$73.35	\$73.35	\$73.35	\$79.55	\$6.20
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$75.50	\$75.50	\$75.50	\$75.50	\$92.50	\$17.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$23.90	\$23.90	\$21.65	\$21.65	\$16.75	\$-4.90
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.35	\$29.35	\$29.35	\$29.35	\$32.95	\$3.60

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 - December 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 17)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	239	-21	-31	0	0	0
Middle Atlantic	229	-19	-41	0	0	0
E N Central	263	-5	-111	0	0	0
W N Central	288	16	-184	0	0	0
South Atlantic	142	-19	-33	6	-1	-10
E S Central	137	-23	-109	0	-1	0
W S Central	89	-20	-193	3	-1	3
Mountain	187	-15	-79	0	-1	0
Pacific	73	-29	-50	0	0	0
United States	186	-14	-91	1	0	-1

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: 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	December 2021		December 2020		% Change of Stocks	November 2021		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	2,851	365	3,657	313	-22.0%	2,525	365	12.9%
	Subbituminous	.	.	158	293	.	.	.	.
South	Bituminous	14,515	114	20,848	137	-30.4%	13,120	90	10.6%
	Subbituminous	3,921	68	6,491	107	-39.6%	3,565	59	10.0%
Midwest	Bituminous	10,653	113	13,470	127	-20.9%	9,827	93	8.4%
	Subbituminous	20,064	119	28,465	143	-29.5%	19,901	105	0.8%
West	Bituminous	2,051	126	3,838	199	-46.6%	1,993	101	2.9%
	Subbituminous	18,838	105	24,029	115	-21.6%	17,034	86	10.6%
U.S. Total	Bituminous	30,071	124	41,812	145	-28.1%	27,466	100	9.5%
	Subbituminous	42,822	106	59,143	126	-27.6%	40,499	90	5.7%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

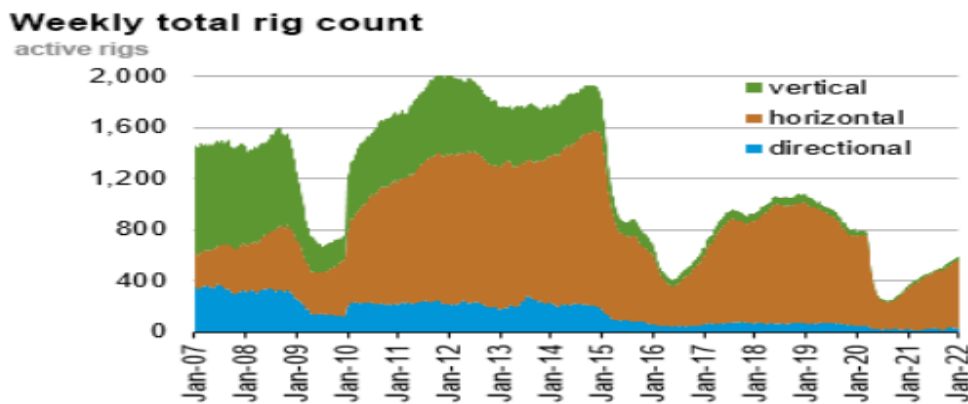
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-02-25	2022-02-18	change
East	358	396	-38
Midwest	404	450	-46
Mountain	96	105	-9
Pacific	164	176	-12
South Central	620	655	-35
Total	1,643	1,782	-139

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

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		
	February 2022	March 2022	change	February 2022	March 2022	change
Anadarko	781	764	(17)	4,044	3,923	(121)
Appalachia	189	189	-	30,747	30,378	(369)
Bakken	2,056	1,963	(93)	2,878	2,748	(130)
Eagle Ford	2,232	2,166	(66)	8,005	7,764	(241)
Haynesville	19	19	-	12,354	12,255	(99)
Niobrara	1,608	1,592	(16)	4,306	4,220	(86)
Permian	1,192	1,178	(14)	2,321	2,293	(28)
Rig-weighted average	1,123	1,094	(29)	6,263	6,321	58

Source: Energy Information Administration, *Drilling Productivity Report*

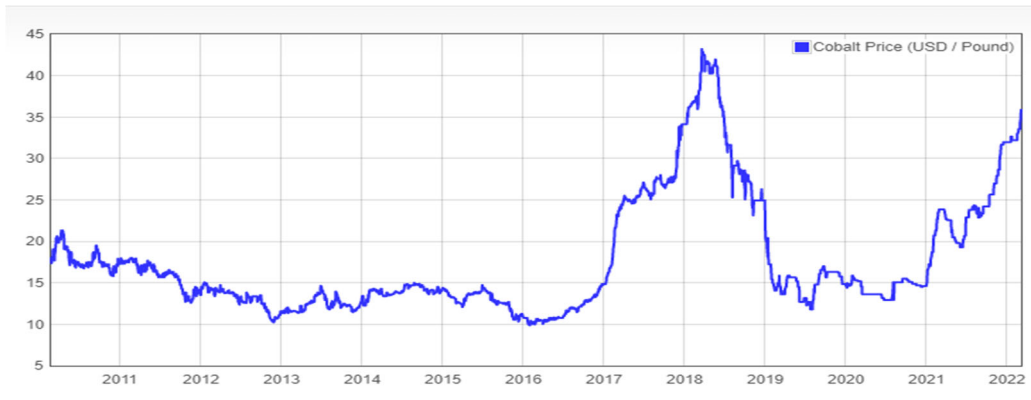
USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - September 2021	Sep-21	Year to Date
U.S. Imports for Consumption - Metals (mt)	577	5,580
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	345	3,680
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	280
Listed Prices by Type (\$/lb)	24.71	23.36

Source: U.S. Geological Survey, Mineral Industry Surveys, January 2022

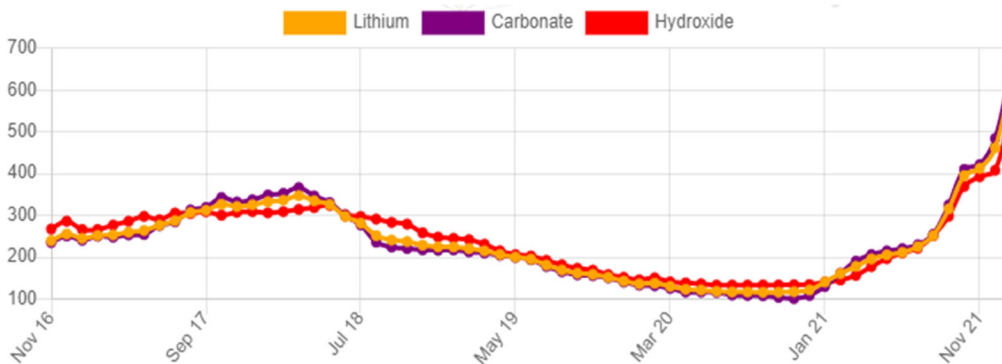
Cobalt and Lithium Prices

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/>