
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

March 4, 2022 Edition
(Data for Week Ending February 26, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No. 9
Dated 03/04/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/26/22	02/27/21	% Chng	02/26/22	02/26/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,204	10,764	4.1%	93,531	86,579	8.0%
52 Weeks Ended	583,969	520,321	12.2%			
AAR Coal Rail Cars Loaded:	64,285	58,634	9.6%	533,347	471,981	13.0%
Coal Production	January 22/21		% Chng	Jan - Jan 22/21		% Chng
Month Ended - January	49,631	48,566	2.2%	49,631	48,566	2.2%
DOC Coal Trade (000 Tons)						
Exports:	Dec 21/20		% Chng	Jan - Dec 21/20		% Chng
Metallurgical	3,955	4,100	-3.5%	45,336	42,106	7.7%
Steam Bit. *	3,392	2,838	19.5%	39,517	26,639	48.3%
Lignite	7	7	0.0%	78	90	-13.3%
Anthracite	48	61	-21.3%	329	297	10.8%
Total	7,402	7,006	5.7%	85,260	69,132	23.3%
Imports:	689	423	62.9%	5,390	5,098	5.7%
	Week Ended			Cumulative Week 1 to		
	02/26/22	02/27/21	% Chng	02/26/22	02/27/21	% Chng
EEl Electric Total Output (Mil. Kwh)	79,110	73,408	7.8%	727,575	710,381	2.4%
EEl Coal Region Output (Mil. Kwh)	68,126	63,152	7.9%	629,169	615,150	2.3%
AISI Raw Steel Output (000 Tons)	1,755	1,740	0.9%	14,562	14,152	2.9%

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)	
	02/25/22	02/18/22	% Chng	Wed.	02/23/22
Central App, 12,500 Btu, 1.2 SO ₂	\$90.55	\$90.55	0.0%	Henry Hub	4.57
Northern App, 13,000 Btu, < 3.0 SO ₂	73.35	73.35	0.0%	New York	4.77
Illinois Basin, 11,800, 5.0 SO ₂	75.50	75.50	0.0%	Chicago	4.76
Powder River Basin, 8,800 Btu 0.8 SO ₂	21.65	21.65	0.0%	Cal.Comp.Avg.	5.54
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.35	29.35	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



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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		
	2/26/2022 (week 9)	2/19/2022 (week 8)	2/27/2021 (week 9)	2/26/2022	2/26/2021	% Change	2/26/2022	2/27/2021	% Change
Alabama	181	182	239	1,478	1,920	-23.0	9,583	11,866	-19.2
Alaska	22	25	24	181	191	-5.1	1,063	1,015	4.7
Colorado	207	225	186	1,715	1,495	14.8	11,324	9,723	16.5
Illinois	871	947	859	7,298	6,909	5.6	39,930	32,631	22.4
Indiana	347	386	374	2,894	3,011	-3.9	18,901	18,879	0.1
Kentucky Total	526	581	505	4,393	4,064	8.1	26,913	23,363	15.2
Eastern (KY)	201	221	177	1,692	1,424	18.8	10,159	8,103	25.4
Western (KY)	325	360	328	2,700	2,640	2.3	16,754	15,260	9.8
Louisiana	4	4	4	34	35	-2.8	288	420	-31.4
Maryland	25	29	26	211	212	-0.2	1,280	1,111	15.2
Mississippi	57	66	62	492	501	-1.7	3,133	2,709	15.7
Missouri	1	2	1	12	11	6.4	66	140	-52.9
Montana	532	583	504	4,422	4,052	9.1	28,392	25,160	12.8
New Mexico	147	156	180	1,214	1,451	-16.4	8,267	9,549	-13.4
North Dakota	508	541	537	4,207	4,318	-2.6	27,112	25,860	4.8
Ohio	46	51	58	375	465	-19.4	2,603	3,196	-18.6
Oklahoma	.	.	.	.	.	.	s	s	.
Pennsylvania Total	976	1,093	903	8,189	7,260	12.8	45,135	35,998	25.4
Anthracite (PA)	34	36	38	278	305	-8.9	1,939	2,225	-12.9
Bituminous (PA)	942	1,057	865	7,911	6,956	13.7	43,196	33,774	27.9
Tennessee	.	.	.	.	.	.	.	28	.
Texas	274	294	286	2,251	2,299	-2.1	16,619	18,548	-10.4
Utah	226	249	240	1,873	1,931	-3.0	12,452	12,692	-1.9
Virginia	221	244	206	1,834	1,654	10.9	11,183	9,350	19.6
West Virginia Total	1,622	1,812	1,525	13,587	12,265	10.8	80,016	67,253	19.0
Northern (WV)	963	1,073	879	8,048	7,071	13.8	46,334	38,186	21.3
Southern (WV)	658	739	646	5,539	5,194	6.7	33,682	29,067	15.9
Wyoming	4,412	4,959	4,045	36,871	32,537	13.3	239,710	210,828	13.7
Appalachian Total	3,271	3,632	3,133	27,366	25,199	8.6	159,959	136,906	16.8
Interior Total	1,880	2,059	1,915	15,682	15,407	1.8	95,691	88,588	8.0
Western Total	6,053	6,738	5,716	50,483	45,974	9.8	328,319	294,827	11.4
East of Mississippi River	4,871	5,392	4,757	40,751	38,260	6.5	238,677	206,385	15.6
West of Mississippi River	6,332	7,038	6,008	52,780	48,320	9.2	345,292	313,936	10.0
Bituminous and Lignite	11,170	12,393	10,726	93,254	86,275	8.1	582,030	518,096	12.3
Anthracite	34	36	38	278	305	-8.9	1,939	2,225	-12.9
U.S. Total	11,204	12,429	10,764	93,531	86,579	8.0	583,969	520,321	12.2
Railroad Cars Loaded	64,285	71,293	58,634	533,347	471,981	13.0	3,388,616	2,932,785	15.5

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 9

OUTPUT FOR WEEK ENDED - Feb 26, 2022

Mar 02, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 26, 2022** was **79,110** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **181** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 26		52 Weeks Ended February 26	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,310	1.6	116,311	0.9
Mid-Atlantic	8,113	-0.7	419,703	2.0
Central Industrial	13,089	4.4	652,659	2.8
West Central	6,669	8.7	337,255	4.3
Southeast	18,716	-0.5	1,015,219	1.7
South Central	15,877	29.9	784,833	2.8
Rocky Mountain	5,662	7.6	294,625	2.7
Pacific Northwest	3,900	12.1	159,691	3.6
Pacific Southwest	4,774	6.0	269,533	1.5
Total United States	79,110	7.8	4,049,828	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 05	84,301	Feb 06	79,582	5.9	Feb 05	4,055,111	3.0
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
Feb 26	727,575	Feb 27	710,381	2.4	YEAR TO DATE, FIRST 9 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Feb 05	203	Feb 06	176	Feb 08	169
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

* 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		
	26-Feb 2022 GWh Output	27-Feb 2021 GWh Output	% Increase Over Corresponding Week	26-Feb 2022 GWh Output	27-Feb 2021 GWh Output	% Increase Over Corresponding Week	26-Feb 2022 GWh Output	27-Feb 2021 GWh Output	% Increase Over Corresponding Week
New England	2,310	2,274	1.6%	21,958	21,577	1.8%	116,311	115,260	0.9%
Mid-Atlantic	8,113	8,175	-0.8%	77,416	76,009	1.9%	419,703	411,395	2.0%
Central Industrial	13,089	12,541	4.4%	121,899	120,282	1.3%	652,659	634,737	2.8%
West Central	6,669	6,134	8.7%	61,395	59,274	3.6%	337,255	323,410	4.3%
Southeast	18,716	18,814	-0.5%	183,607	183,226	0.2%	1,015,219	997,791	1.7%
South Central	15,877	12,226	29.9%	133,941	127,126	5.4%	784,833	763,664	2.8%
Rocky Mountain	5,662	5,262	7.6%	50,911	49,233	3.4%	294,625	286,848	2.7%
Pacific Northwest	3,900	3,480	12.1%	33,382	31,863	4.8%	159,691	154,115	3.6%
Pacific Southwest	4,774	4,502	6.0%	43,065	41,791	3.0%	269,533	265,564	1.5%
Total United States ^{1/}	79,110	73,408	7.8%	727,574	710,381	2.4%	4,049,829	3,952,784	2.5%
Coal Regions Only ^{2/}	68,126	63,152	7.9%	629,169	615,150	2.3%	3,504,294	3,417,845	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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February 28, 2022

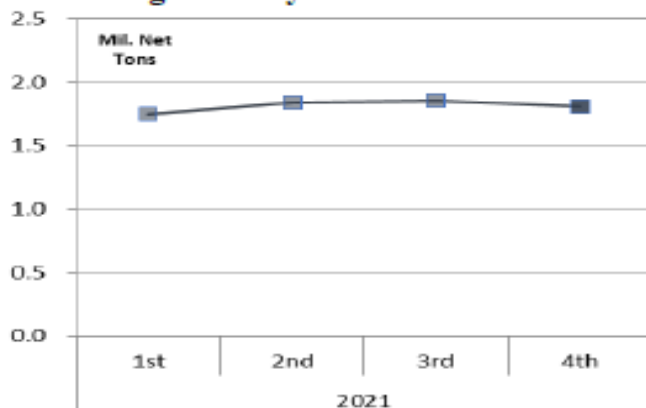
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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>Feb 26</u>	<u>Feb 19</u>	
<u>Week Ending</u>				North East	170	171
				Great Lakes	597	601
February 26, 2022	1,755	-0.5	79.7	Midwest	186	192
February 26, 2021	1,740	0.9	76.8	Southern	736	729
February 19, 2022	1,764	0.3	80.1	Western	66	71
				Total	1,755	1,764
<u>Year-to-Date +</u>						
February 26, 2022	14,562	2.9	81.2			
February 26, 2021	14,152	-	76.7			

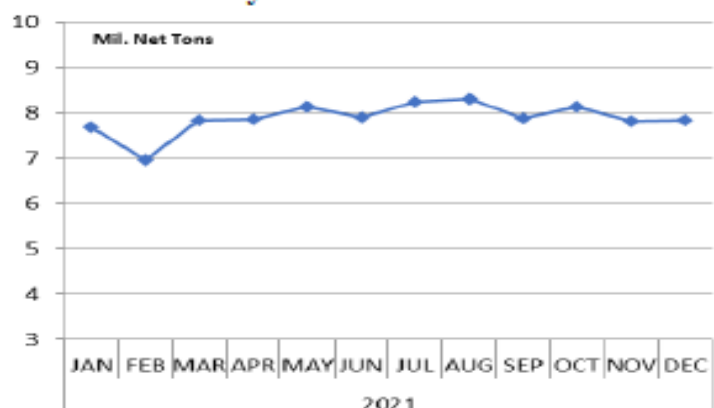
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

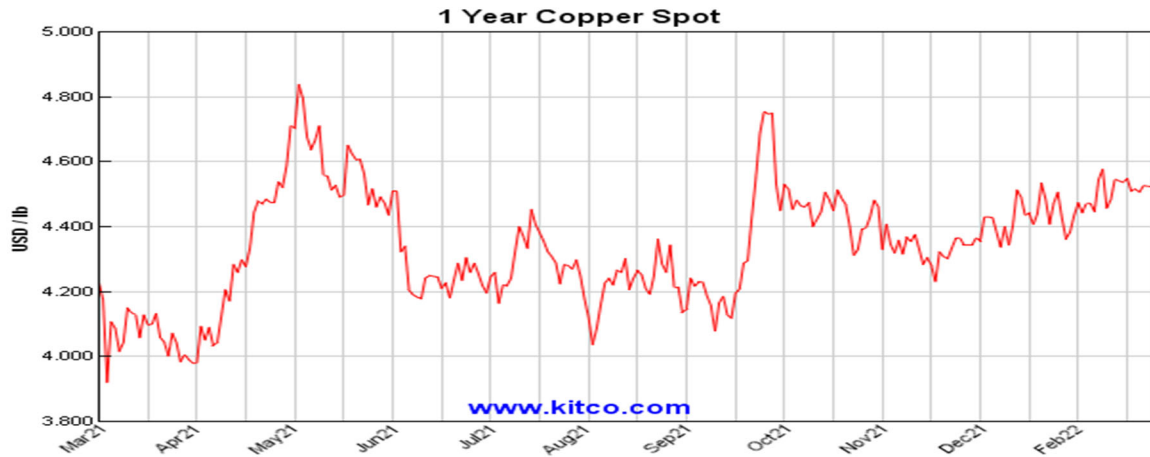
Average Weekly Raw Steel Production



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 8, 2022 – Ended February 26, 2022

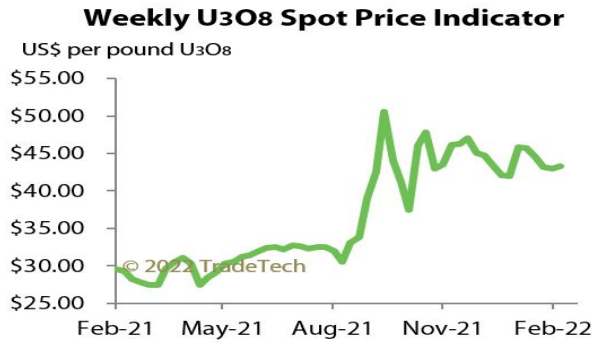
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	223,330	3.6%	1,817,594	227,199	3.6%
Chemicals	33,914	22.1%	275,223	34,403	8.0%
Coal	64,285	9.1%	526,102	65,763	13.1%
Farm Products excl. Grain, and Food	15,881	4.9%	129,526	16,191	2.6%
Forest Products	9,946	0.3%	79,988	9,999	1.6%
Grain	22,168	-6.0%	189,481	23,685	-5.8%
Metallic Ores and Metals	20,042	-4.1%	161,052	20,132	-2.6%
Motor Vehicles and Parts	13,072	-18.2%	96,307	12,038	-15.7%
Nonmetallic Minerals	27,159	16.0%	214,180	26,773	13.8%
Petroleum and Petroleum Products	8,734	-15.8%	74,721	9,340	-14.5%
Other	8,129	-15.1%	71,014	8,877	-3.6%
Total Intermodal Units	261,860	-3.5%	2,031,760	253,970	-7.2%
Total Traffic	485,190	-0.3%	3,849,354	481,169	-2.4%

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.

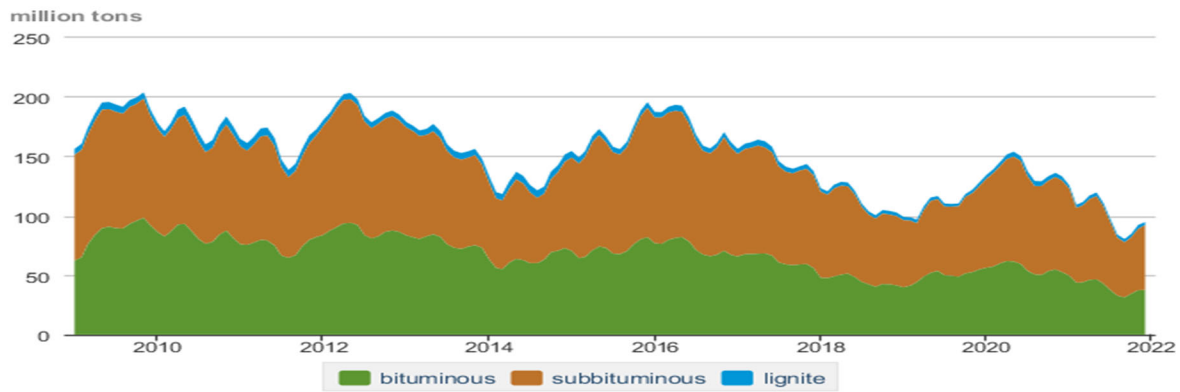
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

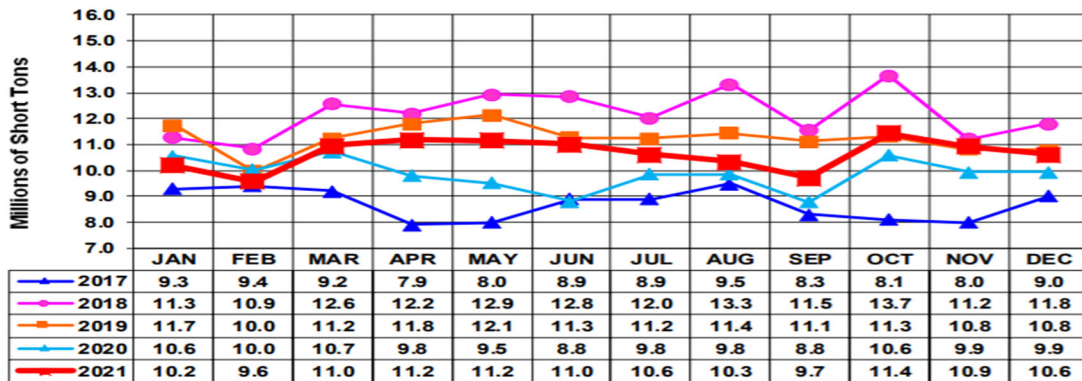
Coal stocks by type, January 2009 - December 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



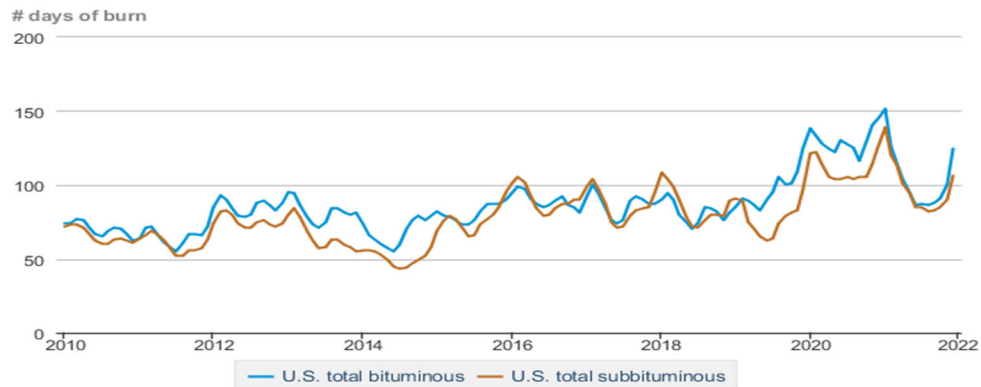
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	01/28/22	02/04/22	02/11/22	02/18/22	02/25/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$89.70	\$89.70	\$89.70	\$90.55	\$90.55	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$73.35	\$73.35	\$73.35	\$73.35	\$73.35	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$75.50	\$75.50	\$75.50	\$75.50	\$75.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$23.90	\$23.90	\$23.90	\$21.65	\$21.65	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.35	\$29.35	\$29.35	\$29.35	\$29.35	\$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 - 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: 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	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

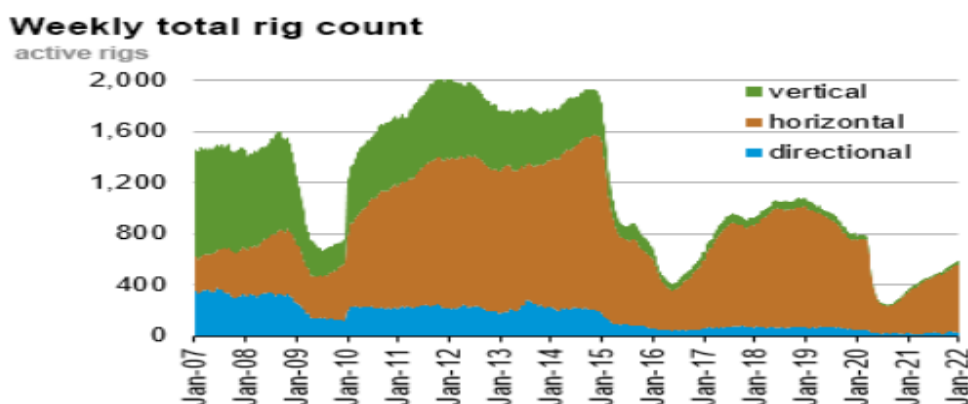
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2022-02-18	2022-02-11	change
East	396	435	-39
Midwest	450	496	-46
Mountain	105	114	-9
Pacific	176	177	-1
South Central	655	689	-34
Total	1,782	1,911	-129

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*

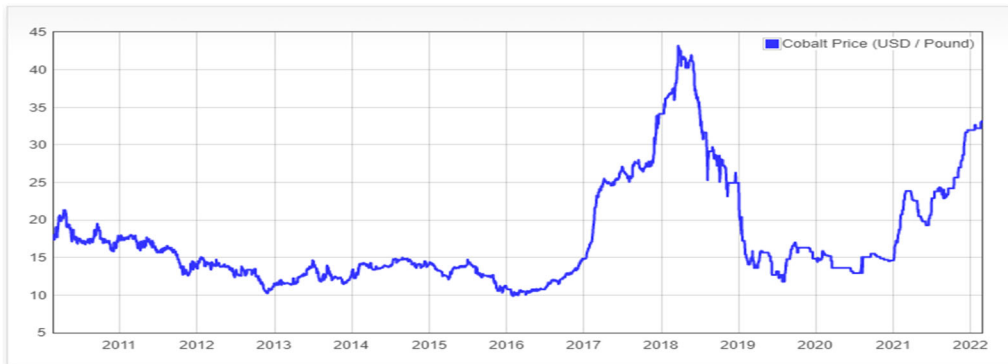
USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

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

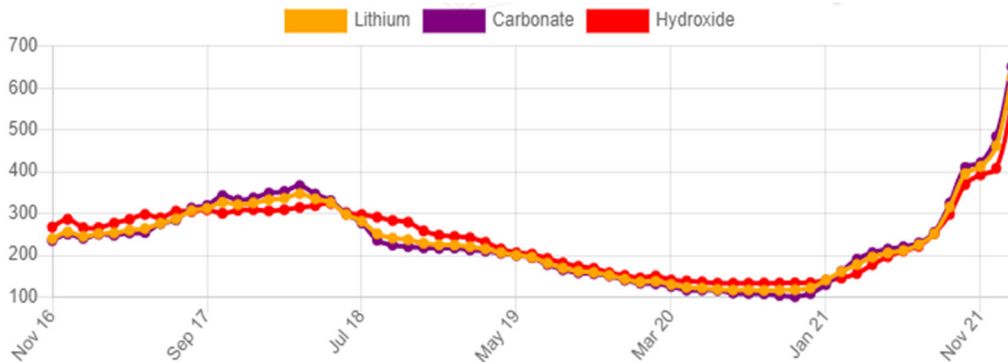
Cobalt and Lithium Prices

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/>