
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

February 18, 2022 Edition
(Data for Week Ending February 12, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No.7
Dated 02/18/22

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/12/22	02/13/21	% Chng	02/12/22	02/12/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,039	10,005	20.3%	69,899	66,965	4.4%
52 Weeks Ended	580,049	523,296	10.8%			
AAR Coal Rail Cars Loaded:	69,021	54,496	26.7%	397,769	365,141	8.9%
Coal Production	January 22/21		% Chng	Jan - Dec 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		
	02/12/22	02/13/21	% Chng	02/12/22	02/13/21	% Chng
EEl Electric Total Output (Mil. Kwh)	79,531	83,686	-5.0%	569,692	551,372	3.3%
EEl Coal Region Output (Mil. Kwh)	69,140	72,720	-4.9%	492,598	477,090	3.3%
AISI Raw Steel Output (000 Tons)	1,758	1,740	1.0%	11,043	10,672	3.5%

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)	
	02/11/22	02/04/22	% Chng	Wed.	02/09/22
Central App, 12,500 Btu, 1.2 SO ₂	\$89.70	\$89.70	0.0%	Henry Hub	4.06
Northern App, 13,000 Btu, < 3.0 SO ₂	73.35	73.35	0.0%	New York	4.04
Illinois Basin, 11,800, 5.0 SO ₂	75.50	75.50	0.0%	Chicago	3.79
Powder River Basin, 8,800 Btu 0.8 SO ₂	23.90	23.90	0.0%	Cal.Comp.Avg.	3.95
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



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		
	2/12/2022 (week 7)	2/5/2022 (week 6)	2/13/2021 (week 7)	2/12/2022	2/12/2021	% Change	2/12/2022	2/13/2021	% Change
Alabama	203	182	222	1,115	1,485	-24.9	9,657	11,921	-19.0
Alaska	22	22	22	135	148	-8.9	1,060	1,016	4.3
Colorado	223	208	173	1,284	1,156	11.1	11,233	9,785	14.8
Illinois	974	876	798	5,481	5,344	2.6	39,685	32,413	22.4
Indiana	369	349	348	2,160	2,329	-7.3	18,853	19,101	-1.3
Kentucky Total	569	529	470	3,286	3,143	4.5	26,732	23,534	13.6
Eastern (KY)	225	203	165	1,270	1,101	15.3	10,061	8,142	23.6
Western (KY)	344	327	305	2,016	2,042	-1.3	16,670	15,393	8.3
Louisiana	4	4	4	26	27	-6.0	287	477	-39.8
Maryland	26	25	24	157	164	-4.0	1,275	1,120	13.8
Mississippi	65	57	58	369	387	-4.8	3,124	2,680	16.6
Missouri	1	2	1	9	9	2.7	65	144	-54.9
Montana	572	535	468	3,307	3,134	5.5	28,200	25,421	10.9
New Mexico	161	148	168	911	1,122	-18.9	8,295	9,697	-14.5
North Dakota	558	511	499	3,157	3,339	-5.5	27,045	25,970	4.1
Ohio	45	46	54	278	359	-22.8	2,612	3,280	-20.4
Oklahoma	.	.	.	.	.	.	s	s	.
Pennsylvania Total	1,054	982	839	6,119	5,616	9.0	44,719	36,041	24.1
Anthracite (PA)	36	34	35	208	236	-11.9	1,938	2,256	-14.1
Bituminous (PA)	1,018	948	804	5,912	5,380	9.9	42,780	33,785	26.6
Tennessee	.	.	.	.	.	.	.	42	.
Texas	290	276	266	1,683	1,778	-5.4	16,574	18,789	-11.8
Utah	239	227	223	1,398	1,493	-6.4	12,417	12,788	-2.9
Virginia	235	222	191	1,370	1,279	7.1	11,095	9,449	17.4
West Virginia Total	1,749	1,632	1,417	10,153	9,486	7.0	79,375	67,231	18.1
Northern (WV)	1,032	969	817	6,011	5,469	9.9	45,907	37,934	21.0
Southern (WV)	717	662	600	4,142	4,017	3.1	33,468	29,298	14.2
Wyoming	4,677	4,438	3,760	27,501	25,166	9.3	237,748	212,397	11.9
Appalachian Total	3,538	3,292	2,912	20,463	19,490	5.0	158,793	137,225	15.7
Interior Total	2,048	1,891	1,780	11,743	11,916	-1.5	95,260	88,997	7.0
Western Total	6,453	6,090	5,312	37,693	35,559	6.0	325,997	297,074	9.7
East of Mississippi River	5,291	4,901	4,421	30,488	29,592	3.0	237,125	206,812	14.7
West of Mississippi River	6,748	6,371	5,584	39,410	37,373	5.5	342,924	316,483	8.4
Bituminous and Lignite	12,003	11,238	9,969	69,691	66,729	4.4	578,111	521,040	11.0
Anthracite	36	34	35	208	236	-11.9	1,938	2,256	-14.1
U.S. Total	12,039	11,272	10,005	69,899	66,965	4.4	580,049	523,296	10.8
Railroad Cars Loaded	69,021	64,582	54,496	397,769	365,141	8.9	3,360,417	2,951,098	13.9

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 7

OUTPUT FOR WEEK ENDED - Feb 12, 2022

Feb 16, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 12, 2022** was **79,531** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **193** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 12		52 Weeks Ended February 12	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,329	-8.5	116,311	1.2
Mid-Atlantic	8,320	-7.6	420,011	2.3
Central Industrial	13,449	-7.4	653,102	3.1
West Central	6,690	-9.1	337,322	4.6
Southeast	20,904	0.8	1,017,738	2.2
South Central	14,520	-9.3	783,317	2.8
Rocky Mountain	5,257	3.2	294,294	2.7
Pacific Northwest	3,364	-12.5	159,611	3.7
Pacific Southwest	4,698	2.7	269,250	1.3
Total United States	79,531	-5.0	4,050,956	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)
Jan 22	85,137	Jan 23	77,172	10.3	Jan 22	4,044,209	2.9
Jan 29	85,093	Jan 30	78,912	7.8	Jan 29	4,050,391	3.0
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 12	569,692	Feb 13	551,372	3.3	YEAR TO DATE, FIRST 7 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Jan 22	188	Jan 23	166	Jan 25	157
Jan 29	205	Jan 30	174	Feb 01	171
Feb 05	203	Feb 06	176	Feb 08	169
Feb 12	193	Feb 13	190	Feb 15	177

* 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		
	12-Feb	13-Feb	% Increase Over Corresponding Week	12-Feb	13-Feb	% Increase Over Corresponding Week	12-Feb	13-Feb	% Increase Over Corresponding Week
	2022 GWh Output	2021 GWh Output		2022 GWh Output	2021 GWh Output		2022 GWh Output	2021 GWh Output	
New England	2,329	2,545	-8.5%	17,247	16,866	2.3%	116,311	114,982	1.2%
Mid-Atlantic	8,320	9,007	-7.6%	60,690	58,975	2.9%	420,011	410,417	2.3%
Central Industrial	13,449	14,520	-7.4%	95,195	93,135	2.2%	653,102	633,433	3.1%
West Central	6,690	7,359	-9.1%	48,057	45,869	4.8%	337,322	322,337	4.6%
Southeast	20,904	20,739	0.8%	145,081	142,181	2.0%	1,017,738	995,610	2.2%
South Central	14,520	16,000	-9.3%	103,641	98,342	5.4%	783,317	761,734	2.8%
Rocky Mountain	5,257	5,095	3.2%	39,934	38,588	3.5%	294,294	286,641	2.7%
Pacific Northwest	3,364	3,846	-12.5%	26,171	24,732	5.8%	159,611	153,844	3.7%
Pacific Southwest	4,698	4,575	2.7%	33,675	32,684	3.0%	269,250	265,738	1.3%
Total United States ^{1/}	<u>79,531</u>	<u>83,686</u>	-5.0%	<u>569,691</u>	<u>551,372</u>	3.3%	<u>4,050,956</u>	<u>3,944,736</u>	2.7%
Coal Regions Only ^{2/}	69,140	72,720	-4.9%	492,598	477,090	3.3%	3,505,784	3,410,172	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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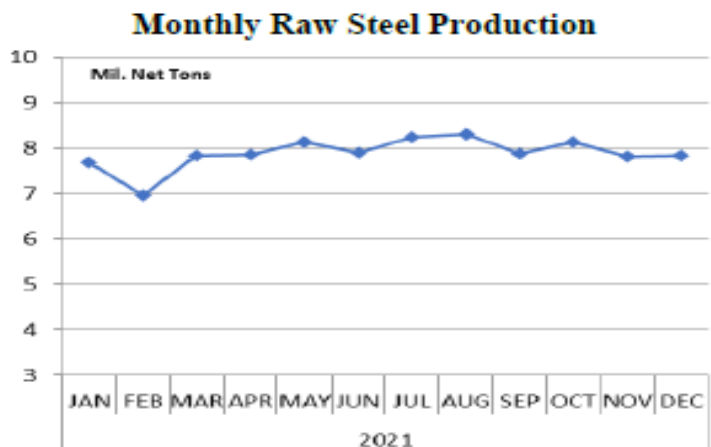
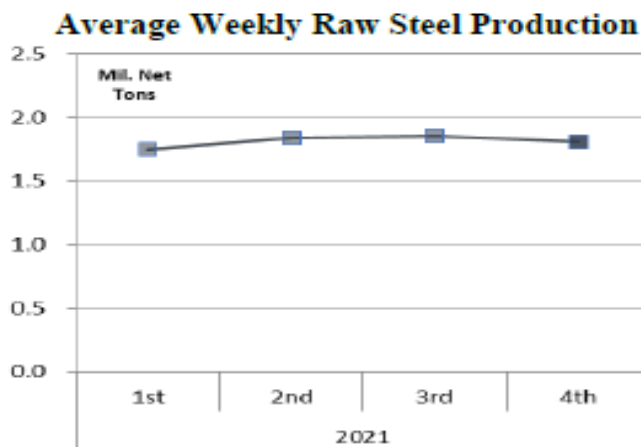
February 14, 2022

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

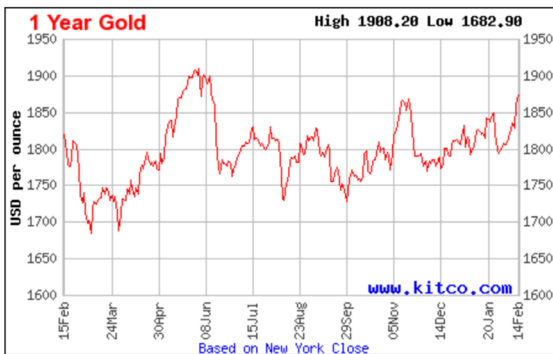
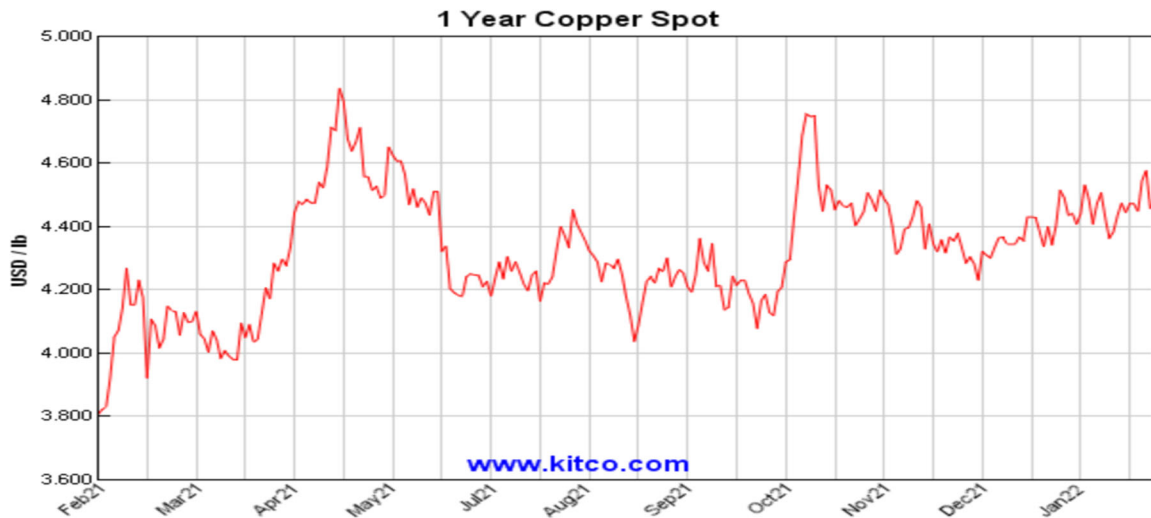
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Feb 12</u>	<u>Week Ending Feb 5</u>	
<u>Week Ending</u>				North East	173	169
				Great Lakes	607	613
February 12, 2022	1,758	-1.5	79.8	Midwest	195	218
February 12, 2021	1,740	1.0	76.8	Southern	715	709
February 5, 2022	1,785	-0.6	81.1	Western	68	76
				Total	1,758	1,785
<u>Year-to-Date +</u>						
February 12, 2022	11,043	3.5	81.6			
February 12, 2021	10,672	-	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: 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.



*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 6, 2022 – Ended February 12, 2022

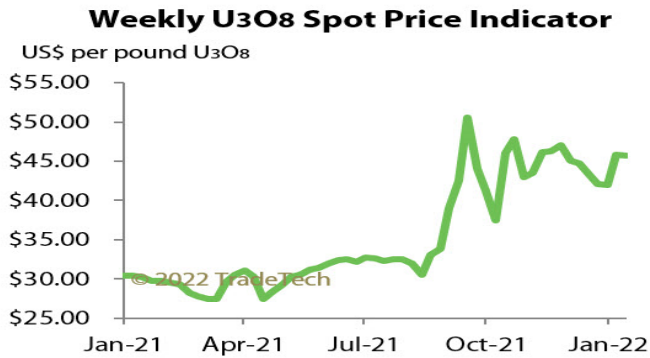
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	236,457	11.9%	1,357,008	226,168	-0.8%
Chemicals	34,710	4.4%	206,004	34,334	1.4%
Coal	69,021	26.9%	390,524	65,087	9.2%
Farm Products excl. Grain, and Food	16,911	13.6%	97,439	16,240	-0.5%
Forest Products	10,332	0.4%	59,807	9,968	-1.3%
Grain	24,265	6.3%	142,296	23,716	-10.4%
Metallic Ores and Metals	19,975	6.4%	121,171	20,195	-5.0%
Motor Vehicles and Parts	13,659	-2.2%	70,968	11,828	-18.8%
Nonmetallic Minerals	28,262	23.2%	158,467	26,411	6.6%
Petroleum and Petroleum Products	9,673	-3.4%	56,730	9,455	-17.7%
Other	9,649	-2.8%	53,602	8,934	-6.2%
Total Intermodal Units	268,025	-0.4%	1,509,334	251,556	-11.8%
Total Traffic	504,482	5.0%	2,866,342	477,724	-6.9%

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.

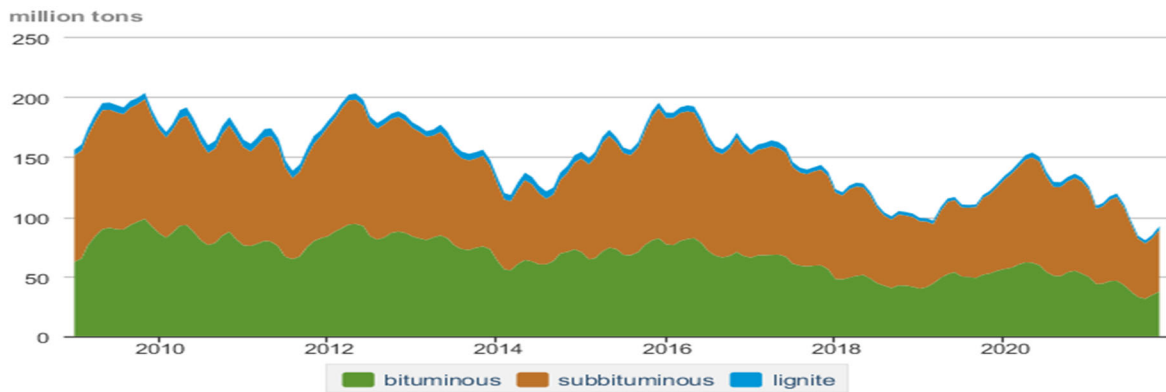
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

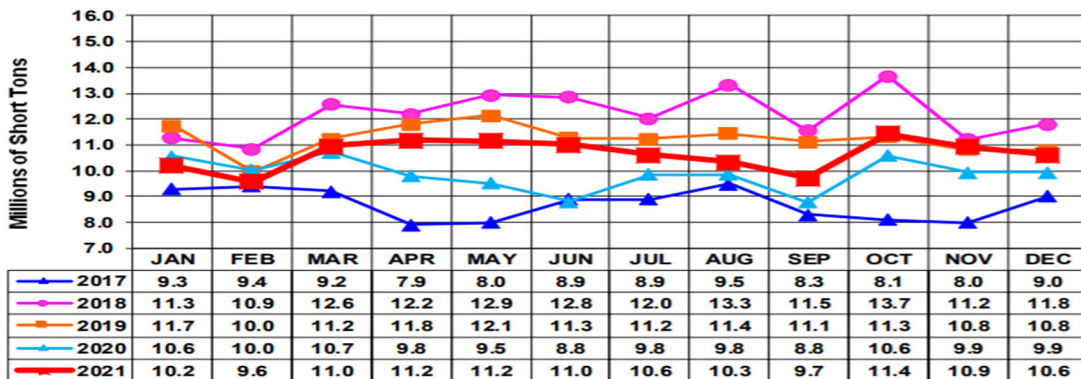
Coal stocks by type, January 2009 - November 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



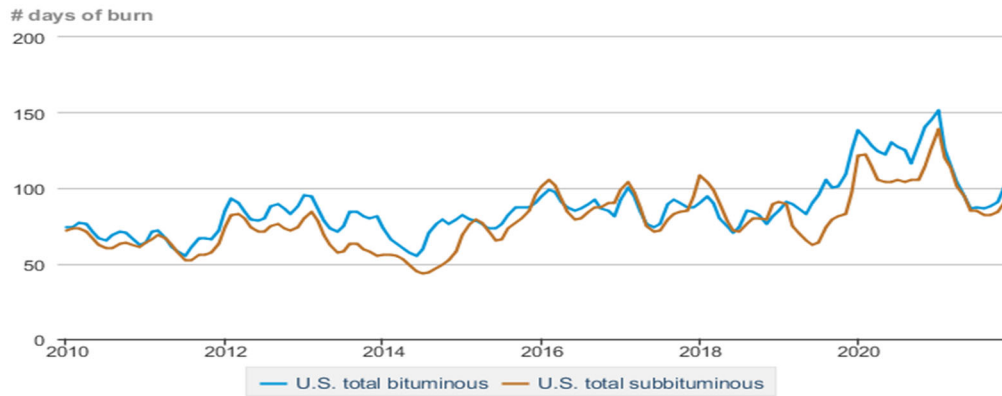
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	01/14/22	01/21/22	01/28/22	02/04/22	02/11/22	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$86.55	\$89.70	\$89.70	\$89.70	\$89.70	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$70.80	\$73.35	\$73.35	\$73.35	\$73.35	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$86.55	\$87.90	\$75.50	\$75.50	\$75.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$28.05	\$29.05	\$23.90	\$23.90	\$23.90	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.00	\$32.10	\$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 - November 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 03)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	300	27	-1	0	0	0
Middle Atlantic	288	27	6	0	0	0
E N Central	303	13	18	0	0	0
W N Central	314	11	48	0	0	0
South Atlantic	194	17	-6	3	-4	1
E S Central	176	-4	-11	0	-1	0
W S Central	123	-6	18	0	-4	-1
Mountain	249	27	65	0	-1	-1
Pacific	122	11	2	0	0	0
United States	232	14	15	1	-1	0

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	November 2021		November 2020		% Change of Stocks	October 2021		% Change of Stock:
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,525	365	4,135	325	-38.9%	2,164	350	16.7%
	Subbituminous	.	.	160	139	.	.	.	.
South	Bituminous	13,129	90	21,268	130	-38.3%	12,052	85	8.9%
	Subbituminous	3,565	59	6,539	100	-45.5%	3,297	52	8.1%
Midwest	Bituminous	9,827	93	14,001	121	-29.8%	9,252	86	6.2%
	Subbituminous	19,739	104	28,798	133	-31.5%	19,179	104	2.9%
West	Bituminous	1,993	101	3,934	197	-49.3%	1,800	88	10.8%
	Subbituminous	17,034	86	24,124	103	-29.4%	15,142	73	12.5%
U.S. Total	Bituminous	27,475	100	43,338	140	-36.6%	25,268	91	8.7%
	Subbituminous	40,338	90	59,621	114	-32.3%	37,618	84	7.2%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

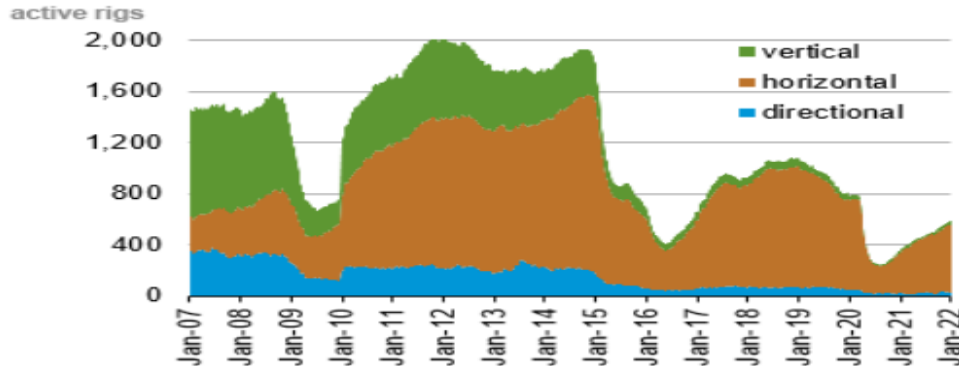
Region	Stocks billion cubic feet (Bcf)		
	2022-02-04	2022-01-28	change
East	485	541	-56
Midwest	552	616	-64
Mountain	121	133	-12
Pacific	181	196	-15
South Central	763	837	-74
Total	2,101	2,323	-222

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



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*