
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

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

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No.6
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/05/22	02/06/21	% Chng	02/05/22	02/05/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,272	11,028	2.2%	57,860	56,827	1.8%
52 Weeks Ended	578,015	524,671	10.2%			
AAR Coal Rail Cars Loaded:	64,582	60,071	7.5%	328,748	309,923	6.1%
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		
	02/05/22	02/06/21	% Chng	02/05/22	02/06/21	% Chng
EEl Electric Total Output (Mil. Kwh)	84,301	79,582	5.9%	490,161	467,685	4.8%
EEl Coal Region Output (Mil. Kwh)	73,282	69,138	6.0%	423,458	404,370	4.7%
AISI Raw Steel Output (000 Tons)	1,785	1,739	2.6%	9,285	8,931	4.0%

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)	
	02/04/22	01/28/22	% Chng	Wed.	02/02/22
Central App, 12,500 Btu, 1.2 SO ₂	\$89.70	\$89.70	0.0%	Henry Hub	6.44
Northern App, 13,000 Btu, < 3.0 SO ₂	73.35	73.35	0.0%	New York	6.79
Illinois Basin, 11,800, 5.0 SO ₂	75.50	75.50	0.0%	Chicago	6.33
Powder River Basin, 8,800 Btu 0.8 SO ₂	23.90	23.90	0.0%	Cal.Comp.Avg.	7.03
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

THE AMERICAN RESOURCE

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		
	2/5/2022 (week 6)	1/29/2022 (week 5)	2/6/2021 (week 6)	2/5/2022	2/5/2021	% Change	2/5/2022	2/6/2021	% Change
Alabama	182	174	245	912	1,260	-27.6	9,676	11,946	-19.0
Alaska	22	24	24	112	125	-10.3	1,060	1,016	4.3
Colorado	208	214	190	1,061	981	8.1	11,182	9,815	13.9
Illinois	876	903	880	4,507	4,535	-0.6	39,510	32,295	22.3
Indiana	349	368	384	1,791	1,976	-9.4	18,832	19,208	-2.0
Kentucky Total	529	554	518	2,716	2,667	1.8	26,632	23,615	12.8
Eastern (KY)	203	211	181	1,045	935	11.8	10,001	8,159	22.6
Western (KY)	327	343	336	1,671	1,733	-3.5	16,631	15,456	7.6
Louisiana	4	4	5	21	23	-8.4	287	505	-43.2
Maryland	25	27	27	131	139	-5.8	1,273	1,124	13.3
Mississippi	57	63	64	304	329	-7.5	3,117	2,665	17.0
Missouri	2	1	1	7	7	0.7	65	146	-55.5
Montana	535	556	516	2,735	2,659	2.8	28,096	25,547	10.0
New Mexico	148	149	185	750	952	-21.3	8,301	9,769	-15.0
North Dakota	511	516	550	2,599	2,834	-8.3	26,986	26,019	3.7
Ohio	46	49	59	232	305	-23.8	2,620	3,321	-21.1
Oklahoma	.	.	.	.	.	.	s	s	.
Pennsylvania Total	982	1,042	925	5,065	4,765	6.3	44,503	36,053	23.4
Anthracite (PA)	34	34	39	172	200	-14.1	1,937	2,271	-14.7
Bituminous (PA)	948	1,008	886	4,893	4,565	7.2	42,566	33,781	26.0
Tennessee	.	.	.	.	.	.	.	49	.
Texas	276	280	293	1,393	1,509	-7.7	16,550	18,906	-12.5
Utah	227	237	246	1,159	1,267	-8.5	12,401	12,833	-3.4
Virginia	222	232	211	1,135	1,085	4.6	11,051	9,496	16.4
West Virginia Total	1,632	1,727	1,562	8,404	8,050	4.4	79,043	67,204	17.6
Northern (WV)	969	1,023	901	4,979	4,641	7.3	45,692	37,797	20.9
Southern (WV)	662	704	662	3,425	3,409	0.5	33,351	29,406	13.4
Wyoming	4,438	4,727	4,144	22,824	21,356	6.9	236,830	213,140	11.1
Appalachian Total	3,292	3,463	3,210	16,925	16,539	2.3	158,167	137,352	15.2
Interior Total	1,891	1,963	1,962	9,694	10,112	-4.1	94,992	89,181	6.5
Western Total	6,090	6,423	5,856	31,240	30,176	3.5	324,857	298,138	9.0
East of Mississippi River	4,901	5,140	4,873	25,198	25,112	0.3	236,256	206,975	14.1
West of Mississippi River	6,371	6,709	6,155	32,662	31,715	3.0	341,759	317,696	7.6
Bituminous and Lignite	11,238	11,815	10,989	57,688	56,627	1.9	576,078	522,400	10.3
Anthracite	34	34	39	172	200	-14.1	1,937	2,271	-14.7
U.S. Total	11,272	11,850	11,028	57,860	56,827	1.8	578,015	524,671	10.2
Railroad Cars Loaded	64,582	67,825	60,071	328,748	309,923	6.1	3,345,892	2,959,647	13.1

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 90 No. 6

OUTPUT FOR WEEK ENDED - Feb 05, 2022

Feb 09, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 05, 2022** was **84,301** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **203** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended February 05		52 Weeks Ended February 05	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,555	3.4	116,528	1.5
Mid-Atlantic	9,013	3.2	420,698	2.7
Central Industrial	14,023	2.6	654,173	3.4
West Central	6,896	4.9	337,991	5.1
Southeast	21,564	0.2	1,017,573	2.4
South Central	15,887	19.5	784,797	3.3
Rocky Mountain	5,899	10.1	294,132	2.6
Pacific Northwest	3,660	8.0	160,092	4.3
Pacific Southwest	4,804	4.8	269,127	1.2
Total United States	84,301	5.9	4,055,111	3.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Jan 15	80,764	Jan 16	79,427	1.7	Jan 15	4,036,244	2.6
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 05	490,161	Feb 06	467,685	4.8	YEAR TO DATE, FIRST 6 WEEKS		

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

Week Ended	2022	Week Ended	2021	Week Ended	2020
Jan 15	176	Jan 16	169	Jan 18	163
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

* 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		
	5-Feb 2022 GWh Output	6-Feb 2021 GWh Output	% Increase Over Corresponding Week	5-Feb 2022 GWh Output	6-Feb 2021 GWh Output	% Increase Over Corresponding Week	5-Feb 2022 GWh Output	6-Feb 2021 GWh Output	% Increase Over Corresponding Week
New England	2,555	2,471	3.4%	14,918	14,321	4.2%	116,528	114,769	1.5%
Mid-Atlantic	9,013	8,736	3.2%	52,370	49,968	4.8%	420,698	409,668	2.7%
Central Industrial	14,023	13,671	2.6%	81,746	78,615	4.0%	654,173	632,357	3.4%
West Central	6,896	6,575	4.9%	41,367	38,510	7.4%	337,991	321,547	5.1%
Southeast	21,564	21,510	0.3%	124,177	121,442	2.3%	1,017,573	994,023	2.4%
South Central	15,887	13,289	19.6%	89,121	82,342	8.2%	784,797	759,614	3.3%
Rocky Mountain	5,899	5,357	10.1%	34,677	33,493	3.5%	294,132	286,764	2.6%
Pacific Northwest	3,660	3,390	8.0%	22,807	20,886	9.2%	160,092	153,484	4.3%
Pacific Southwest	4,804	4,583	4.8%	28,977	28,109	3.1%	269,127	265,936	1.2%
Total United States ^{1/}	84,301	79,582	5.9%	490,160	467,686	4.8%	4,055,111	3,938,162	3.0%
Coal Regions Only ^{2/}	73,282	69,138	6.0%	423,458	404,370	4.7%	3,509,364	3,403,973	3.1%

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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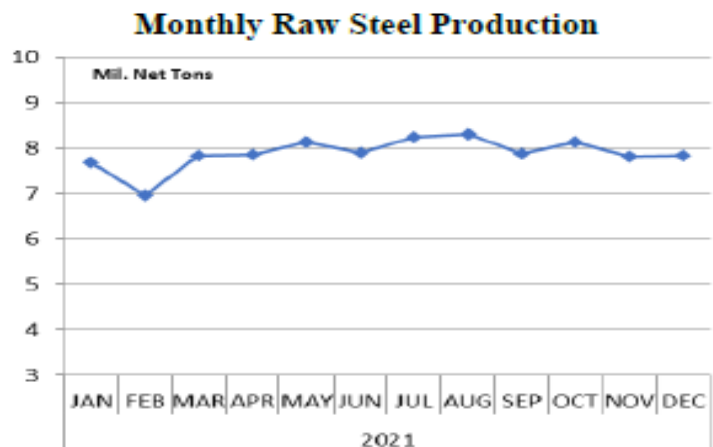
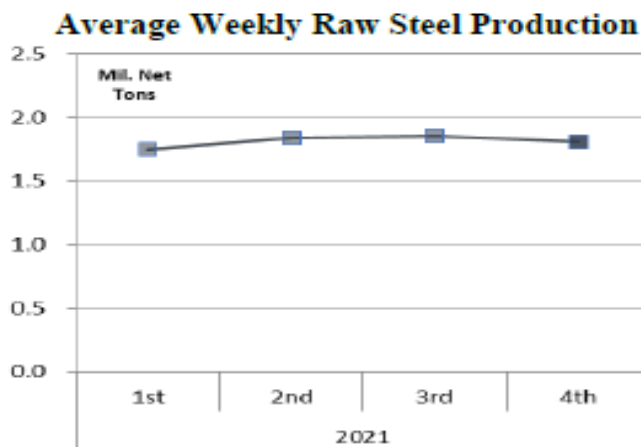
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ESTIMATED WEEKLY RAW STEEL * PRODUCTION

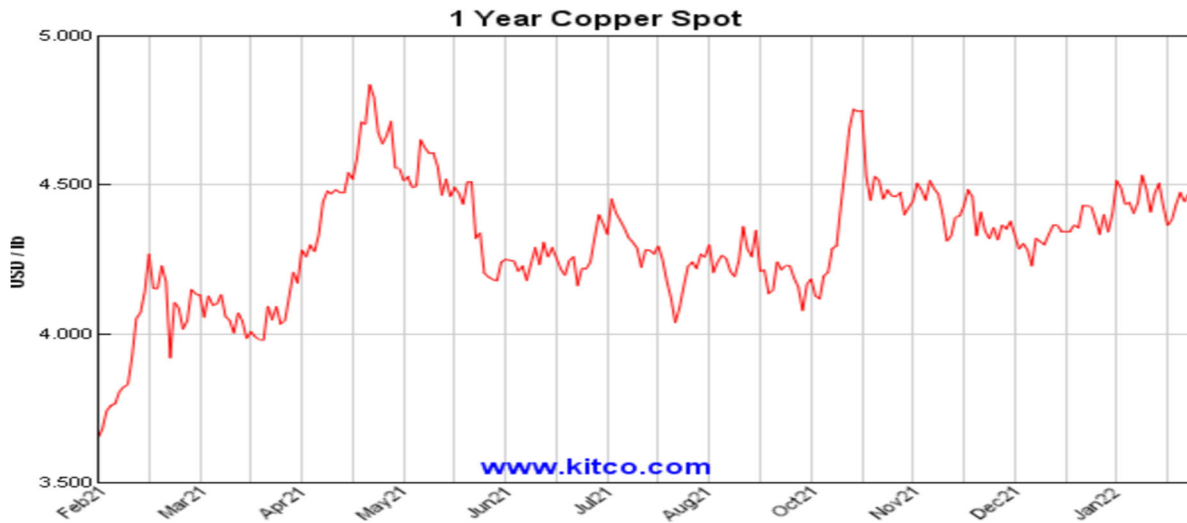
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Feb 5</u>	<u>Week Ending Jan 29</u>	
<u>Week Ending</u>				North East	169	170
				Great Lakes	613	624
February 5, 2022	1,785	-0.6	81.1	Midwest	218	211
February 5, 2021	1,739	2.6	76.7	Southern	709	716
January 29, 2022	1,796	-0.4	81.6	Western	76	75
				Total	1,785	1,796
<u>Year-to-Date +</u>						
February 5, 2022	9,285	4.0	82.0			
February 5, 2021	8,931	-	76.6			

*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 5, 2022 – Ended February 5, 2022

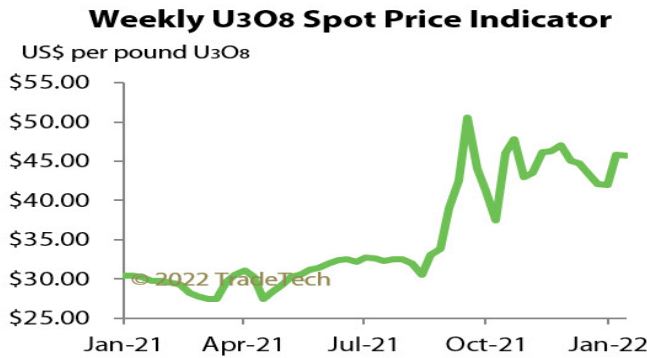
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	218,286	-3.6%	1,120,551	224,110	-3.1%
Chemicals	33,921	1.0%	171,294	34,259	0.9%
Coal	64,582	7.8%	321,503	64,301	6.0%
Farm Products excl. Grain, and Food	16,073	-4.3%	80,528	16,106	-3.0%
Forest Products	9,850	-1.1%	49,475	9,895	-1.7%
Grain	23,517	-9.8%	118,031	23,606	-13.2%
Metallic Ores and Metals	18,259	-5.8%	101,196	20,239	-7.0%
Motor Vehicles and Parts	10,432	-30.7%	57,309	11,462	-22.0%
Nonmetallic Minerals	24,168	-2.7%	130,205	26,041	3.6%
Petroleum and Petroleum Products	9,148	-20.2%	47,057	9,411	-20.1%
Other	8,336	-10.6%	43,953	8,791	-7.0%
Total Intermodal Units	239,866	-11.0%	1,241,309	248,262	-14.0%
Total Traffic	458,152	-7.6%	2,361,860	472,372	-9.1%

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.

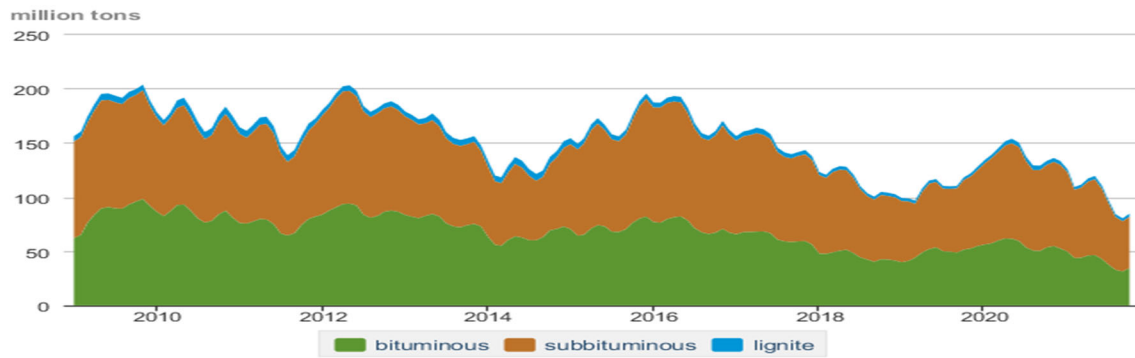
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

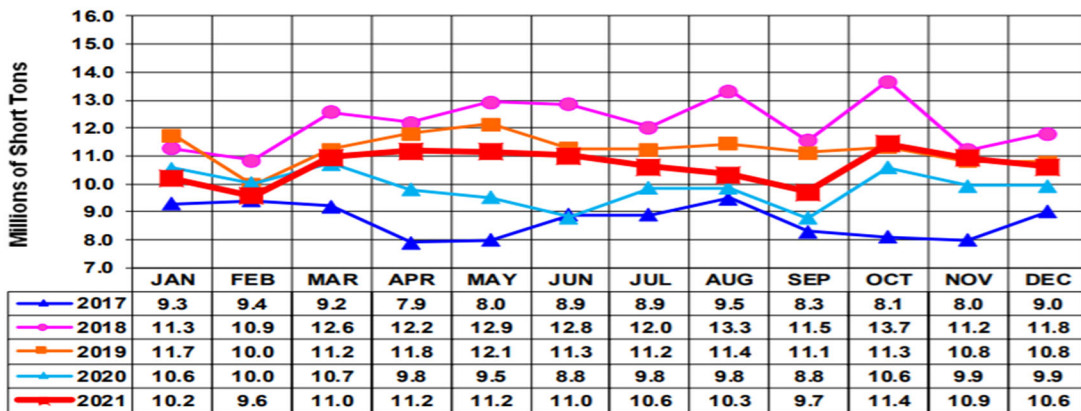
Coal stocks by type, January 2009 - October 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



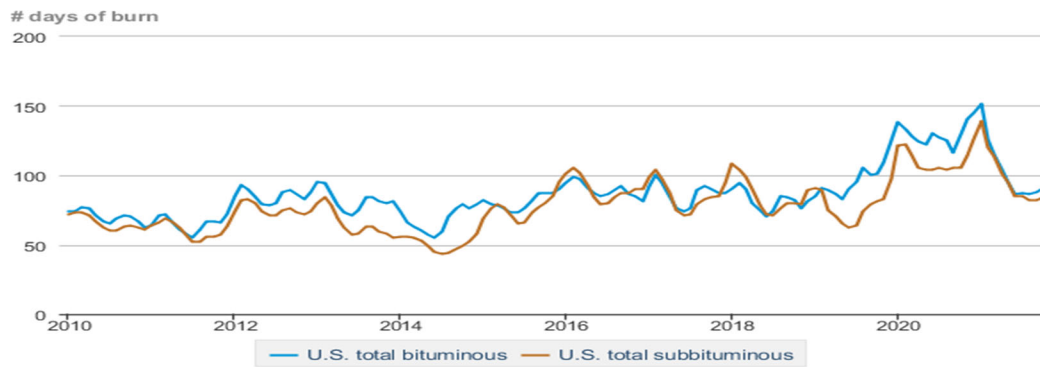
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	01/07/22	01/14/22	01/21/22	01/28/22	02/04/22	change
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$86.55	\$86.55	\$89.70	\$89.70	\$89.70	\$0.00
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$70.80	\$70.80	\$73.35	\$73.35	\$73.35	\$0.00
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$86.55	\$86.55	\$87.90	\$75.50	\$75.50	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$28.05	\$28.05	\$29.05	\$23.90	\$23.90	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$31.00	\$31.00	\$32.10	\$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 - October 2021



Source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Jan 27)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	318	43	60	0	0	0
Middle Atlantic	314	51	68	0	0	0
E N Central	347	52	70	0	0	0
W N Central	340	28	36	0	0	0
South Atlantic	215	34	69	2	-6	-8
E S Central	225	39	96	0	-1	0
W S Central	164	28	87	0	-4	-5
Mountain	227	-1	-6	0	-1	0
Pacific	104	-11	-46	0	-1	0
United States	252	30	43	0	-2	-2

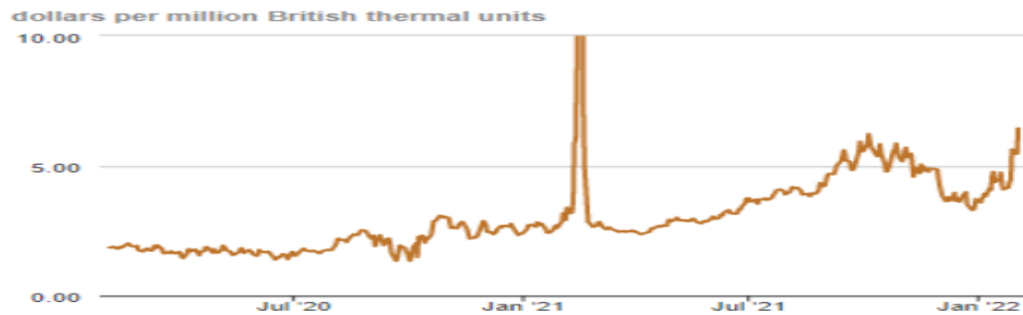
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration
Note: HDDs=heating degree days; CDDs=cooling degree days

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

Natural gas spot prices (Henry Hub)



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*

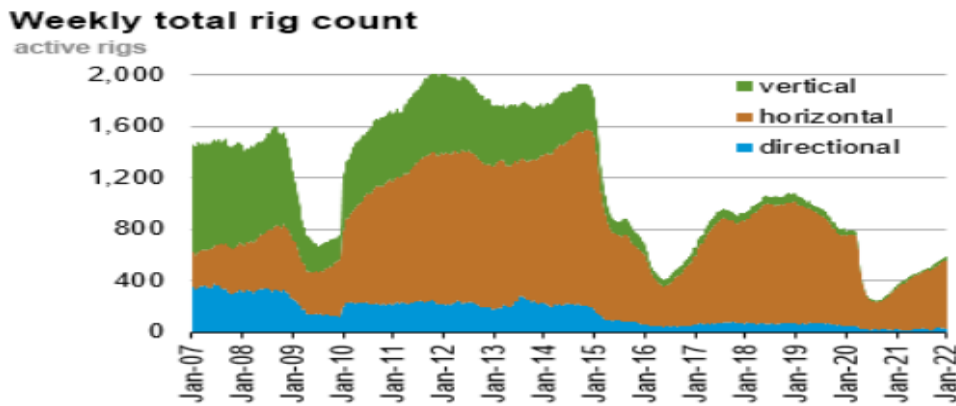
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2022-01-28	2022-01-21	change
East	541	609	-68
Midwest	616	701	-85
Mountain	133	143	-10
Pacific	196	201	-5
South Central	837	938	-101
Total	2,323	2,591	-268

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					
	January 2022	February 2022	change	January 2022	February 2022	change	January 2022	February 2022	change
Anadarko	762	731	(31)	3,941	3,744	(197)			
Appalachia	188	188	-	30,399	30,551	152			
Bakken	2,106	2,000	(106)	2,948	2,800	(148)			
Eagle Ford	2,304	2,235	(69)	8,348	8,181	(167)			
Haynesville	19	19	-	11,971	12,073	102			
Niobrara	1,603	1,570	(33)	4,351	4,264	(87)			
Permian	1,210	1,195	(15)	2,309	2,281	(28)			
Rig-weighted average	1,135	1,116	(19)	6,327	6,183	(144)			

Source: Energy Information Administration, *Drilling Productivity Report*