
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

January 21, 2022 Edition
(Data for Week Ending January 15, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/15/22	01/16/21	% Chng	01/15/22	01/15/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,916	10,586	12.6%	23,133	22,931	0.9%
52 Weeks Ended	577,242	527,279	9.5%			
AAR Coal Rail Cars Loaded:	67,867	57,665	17.7%	130,028	125,284	3.8%
DOC Coal Trade (000 Tons)						
Exports:						
	Nov 21/20			Jan - Nov 21/20		
			% Chng			% Chng
Metallurgical	3,577	3,735	-4.2%	41,381	38,006	8.9%
Steam Bit. *	3,410	3,208	6.3%	36,125	23,801	51.8%
Lignite	6	6	0.0%	71	83	-14.5%
Anthracite	6	74	-91.9%	281	236	19.1%
Total	6,999	7,023	-0.3%	77,858	62,126	25.3%
Imports:	436	639	-31.8%	4,701	4,676	0.5%
EI Electric Output (Mil. Kwh)						
	Week Ended			Cumulative Week 1 to		
	01/15/22	01/16/21	% Chng	01/15/22	01/16/21	% Chng
EI Electric Total Output (Mil. Kwh)	80,764	79,427	1.7%	235,630	232,020	1.6%
EI Coal Region Output (Mil. Kwh)	69,719	69,046	1.0%	201,791	200,759	0.5%
AISI Raw Steel Output (000 Tons)	1,833	1,736	5.6%	3,901	3,720	4.9%

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)	
	01/14/22	01/07/22	% Chng	Wed.	01/12/22
Central App, 12,500 Btu, 1.2 SO ₂	\$86.55	\$86.55	0.0%	Henry Hub	4.59
Northern App, 13,000 Btu, < 3.0 SO ₂	70.80	70.80	0.0%	New York	5.34
Illinois Basin, 11,800, 5.0 SO ₂	86.55	86.55	0.0%	Chicago	4.41
Powder River Basin, 8,800 Btu 0.8 SO ₂	28.05	28.05	0.0%	Cal.Comp.Avg.	5.25
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.00	31.00	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		
	1/15/2022 (week 3)	1/8/2022 (week 2)	1/16/2021 (week 3)	1/15/2022	1/15/2021	% Change	1/15/2022	1/16/2021	% Change
Alabama	192	143	235	361	508	-29.1	9,878	11,986	-17.6
Alaska	23	19	23	45	51	-10.2	1,068	1,012	5.5
Colorado	220	176	183	423	396	6.9	11,131	9,878	12.7
Illinois	926	743	845	1,789	1,830	-2.3	39,501	31,770	24.3
Indiana	369	303	368	717	798	-10.1	18,939	19,490	-2.8
Kentucky Total	559	456	497	1,085	1,076	0.8	26,594	23,788	11.8
Eastern (KY)	214	173	174	415	377	10.0	9,929	8,185	21.3
Western (KY)	345	282	323	670	699	-4.2	16,665	15,603	6.8
Louisiana	4	3	4	9	9	-9.1	288	594	-51.5
Maryland	27	23	26	53	56	-6.2	1,277	1,132	12.8
Mississippi	61	52	61	121	133	-9.0	3,130	2,606	20.1
Missouri	2	1	1	3	3	0.7	65	153	-57.5
Montana	566	457	495	1,093	1,073	1.8	28,043	25,865	8.4
New Mexico	156	123	177	298	384	-22.4	8,419	9,972	-15.6
North Dakota	541	425	528	1,034	1,144	-9.6	27,114	26,087	3.9
Ohio	49	40	57	94	123	-23.4	2,664	3,445	-22.7
Oklahoma	.	.	.	.	.	.	s	1	-100.0
Pennsylvania Total	1,038	857	888	2,024	1,923	5.3	44,310	35,938	23.3
Anthracite (PA)	36	28	37	69	81	-15.0	1,954	2,314	-15.6
Bituminous (PA)	1,002	829	851	1,956	1,842	6.2	42,356	33,624	26.0
Tennessee	.	.	.	.	.	.	.	72	.
Texas	292	231	281	558	609	-8.4	16,616	19,235	-13.6
Utah	240	195	236	464	511	-9.2	12,463	12,939	-3.7
Virginia	235	191	202	454	438	3.7	11,018	9,612	14.6
West Virginia Total	1,725	1,421	1,500	3,359	3,248	3.4	78,807	66,859	17.9
Northern (WV)	1,025	841	865	1,992	1,873	6.4	45,478	37,212	22.2
Southern (WV)	700	579	635	1,367	1,376	-0.6	33,329	29,647	12.4
Wyoming	4,691	3,886	3,978	9,149	8,618	6.2	235,916	214,846	9.8
Appalachian Total	3,480	2,848	3,081	6,760	6,674	1.3	157,884	137,230	15.1
Interior Total	1,999	1,615	1,884	3,865	4,081	-5.3	95,204	89,451	6.4
Western Total	6,437	5,282	5,621	12,508	12,176	2.7	324,154	300,598	7.8
East of Mississippi River	5,181	4,228	4,678	10,056	10,133	-0.8	236,119	206,698	14.2
West of Mississippi River	6,735	5,517	5,908	13,077	12,798	2.2	341,123	320,581	6.4
Bituminous and Lignite	11,880	9,717	10,549	23,065	22,850	0.9	575,288	524,965	9.6
Anthracite	36	28	37	69	81	-15.0	1,954	2,314	-15.6
U.S. Total	11,916	9,745	10,586	23,133	22,931	0.9	577,242	527,279	9.5
Railroad Cars Loaded	67,867	54,916	57,665	130,028	125,284	3.8	3,332,122	2,977,249	11.9

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 90 No. 3

OUTPUT FOR WEEK ENDED - Jan 15, 2022

Jan 20, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 15, 2022** was **80,764** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **176** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 15		52 Weeks Ended January 15	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,571	10.5	116,175	1.6
Mid-Atlantic	8,979	10.0	419,223	2.6
Central Industrial	13,665	5.1	651,713	3.2
West Central	6,541	6.6	336,782	4.9
Southeast	20,580	-1.1	1,012,175	2.1
South Central	14,248	-6.7	778,165	2.3
Rocky Mountain	5,706	0.6	293,250	2.2
Pacific Northwest	3,638	8.0	159,858	4.4
Pacific Southwest	4,836	3.2	268,903	1.0
Total United States	80,764	1.7	4,036,244	2.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Dec 25	76,450	Dec 26	76,347	0.1	Dec 25	4,032,635	2.8
Jan 01	72,412	Jan 02	74,553	-2.9	Jan 01	4,030,494	2.6
Jan 08	82,453	Jan 09	78,040	5.7	Jan 08	4,034,906	2.7
Jan 15	80,764	Jan 16	79,427	1.7	Jan 15	4,036,244	2.6
Jan 15	235,630	Jan 16	232,020	1.6	YEAR TO DATE, FIRST 3 WEEKS		

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

Week Ended	2022	Week Ended	2021	Week Ended	2020
Dec 25	182	Dec 26	177	Dec 28	163
Jan 01	160	Jan 02	160	Jan 04	158
Jan 08	179	Jan 09	165	Jan 11	163
Jan 15	176	Jan 16	169	Jan 18	163

* 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		
	15-Jan 2022 GWh Output	16-Jan 2021 GWh Output	% Increase Over Corresponding Week	15-Jan 2022 GWh Output	16-Jan 2021 GWh Output	% Increase Over Corresponding Week	15-Jan 2022 GWh Output	16-Jan 2021 GWh Output	% Increase Over Corresponding Week
New England	2,571	2,327	10.5%	7,230	6,985	3.5%	116,175	114,395	1.6%
Mid-Atlantic	8,979	8,162	10.0%	24,975	24,049	3.9%	419,223	408,589	2.6%
Central Industrial	13,665	12,998	5.1%	39,050	38,378	1.8%	651,713	631,390	3.2%
West Central	6,541	6,137	6.6%	20,445	18,798	8.8%	336,782	321,082	4.9%
Southeast	20,580	20,806	-1.1%	57,561	60,224	-4.4%	1,012,175	991,522	2.1%
South Central	14,248	15,272	-6.7%	42,700	42,553	0.3%	778,165	760,405	2.3%
Rocky Mountain	5,706	5,671	0.6%	17,060	16,757	1.8%	293,250	286,880	2.2%
Pacific Northwest	3,638	3,369	8.0%	11,917	10,229	16.5%	159,858	153,124	4.4%
Pacific Southwest	4,836	4,685	3.2%	14,691	14,047	4.6%	268,903	266,232	1.0%
Total United States ^{1/}	<u>80,764</u>	<u>79,427</u>	1.7%	<u>235,629</u>	<u>232,020</u>	1.6%	<u>4,036,244</u>	<u>3,933,619</u>	2.6%
Coal Regions Only ^{2/}	69,719	69,046	1.0%	201,791	200,759	0.5%	3,491,308	3,399,868	2.7%

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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January 18, 2022

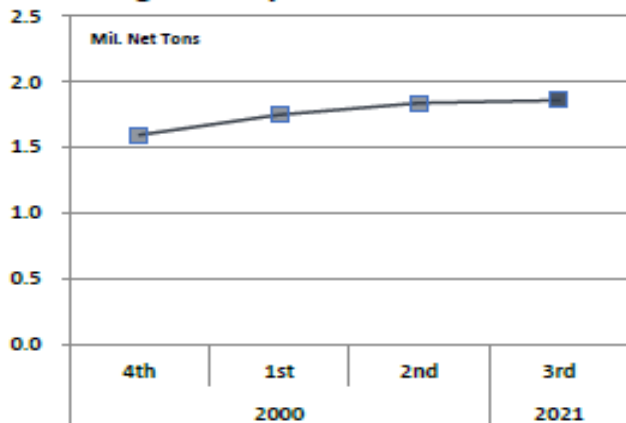
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Jan 15</u>	<u>Week Ending Jan 8</u>	
<u>Week Ending</u>				North East	170	179
				Great Lakes	629	620
January 15, 2022	1,833	1.1	83.2	Midwest	209	200
January 15, 2021	1,736	5.6	76.6	Southern	742	735
January 8, 2022	1,813	1.6	82.3	Western	83	79
				Total	1,833	1,813
<u>Year-to-Date +</u>						
January 15, 2022	3,901	4.9	82.7			
January 15, 2021	3,720	-	76.6			

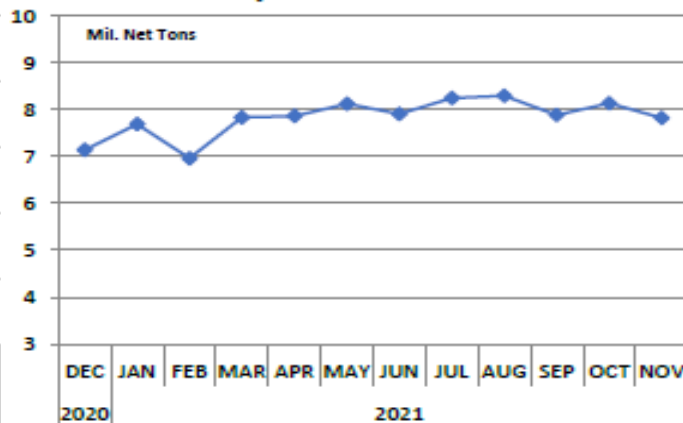
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Capability for the fourth quarter 2021 is approximately 29.0 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 2, 2022 – Ended January 15, 2022

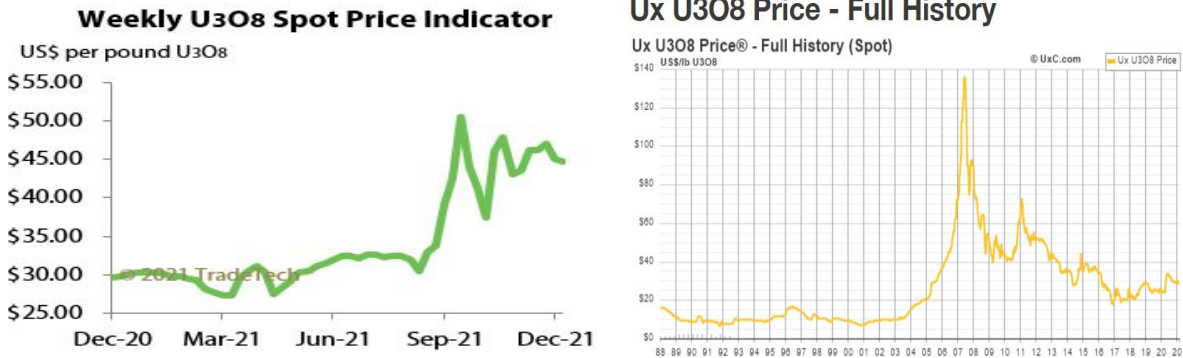
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	233,647	0.5%	443,667	221,834	-5.1%
Chemicals	34,002	0.2%	68,372	34,186	-2.5%
Coal	67,867	17.9%	122,783	61,392	3.9%
Farm Products excl. Grain, and Food	16,496	-1.9%	31,764	15,882	-5.7%
Forest Products	9,949	-1.7%	19,653	9,827	-2.5%
Grain	24,344	-11.6%	46,296	23,148	-16.0%
Metallic Ores and Metals	21,828	-6.4%	41,681	20,841	-11.0%
Motor Vehicles and Parts	12,382	-19.2%	23,128	11,564	-19.9%
Nonmetallic Minerals	27,367	7.0%	52,980	26,490	3.9%
Petroleum and Petroleum Products	9,782	-21.3%	18,676	9,338	-20.9%
Other	9,630	-1.3%	18,334	9,167	-7.8%
Total Intermodal Units	259,970	-12.2%	490,711	245,356	-16.2%
Total Traffic	493,617	-6.6%	934,378	467,189	-11.3%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

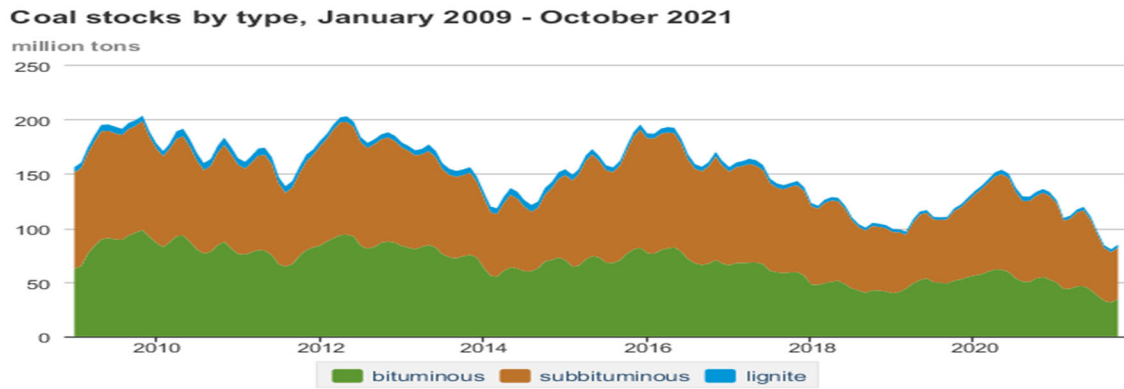
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

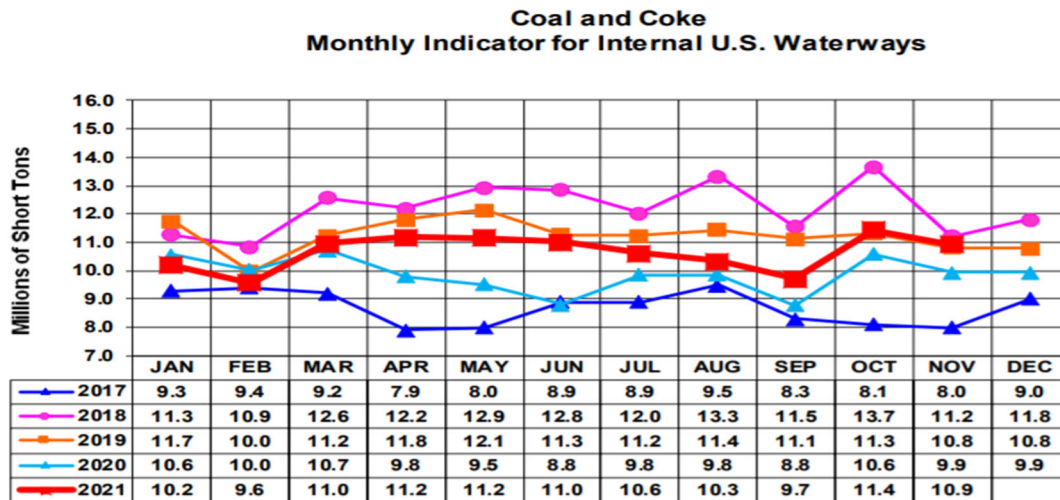


Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update



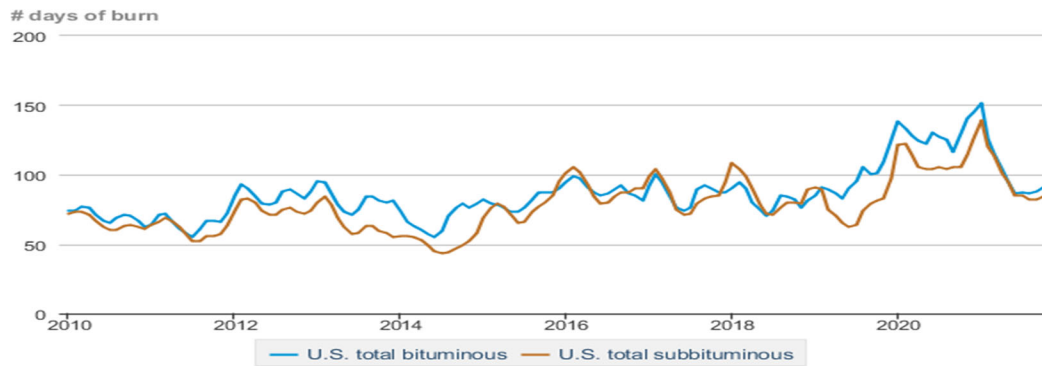
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	12/17/21	12/24/21	12/31/21	01/07/22	01/14/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$92.50	\$92.50	\$92.50	\$86.55	\$86.55	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$74.20	\$74.20	\$74.20	\$70.80	\$70.80	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$44.55	\$44.55	\$44.55	\$86.55	\$86.55	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$30.10	\$30.10	\$30.10	\$28.05	\$28.05	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$33.15	\$33.15	\$33.15	\$31.00	\$31.00	\$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*

Temperature – heating & cooling degree days (week ending Jan 06)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	208	-59	-10	0	0	0
Middle Atlantic	198	-57	-8	0	0	0
E N Central	267	-22	27	0	0	0
W N Central	359	45	88	0	0	0
South Atlantic	117	-63	-16	13	6	4
E S Central	134	-53	-3	5	3	5
W S Central	121	-19	0	10	8	9
Mountain	255	19	38	0	0	0
Pacific	139	13	22	0	0	0
United States	204	-19	17	4	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	October 2021		October 2020		% Change of Stocks	September 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,164	350	4,274	314	-49.4%	1,879	285	15.1%
	Subbituminous			160	142				
South	Bituminous	12,052	85	20,334	119	-40.7%	10,671	81	12.9%
	Subbituminous	3,297	52	6,062	85	-45.6%	2,824	44	16.7%
Midwest	Bituminous	9,252	86	13,745	114	-32.7%	8,623	84	7.3%
	Subbituminous	19,179	104	28,478	124	-32.7%	17,961	101	6.8%
West	Bituminous	1,800	88	3,894	182	-53.8%	1,916	96	-6.0%
	Subbituminous	15,142	73	23,316	93	-35.1%	15,287	75	-0.9%
U.S. Total	Bituminous	25,268	91	42,246	129	-40.2%	23,089	88	9.4%
	Subbituminous	37,618	84	58,016	105	-35.2%	36,072	82	4.3%

Source: Energy Information Administration, *Electricity Monthly Update*

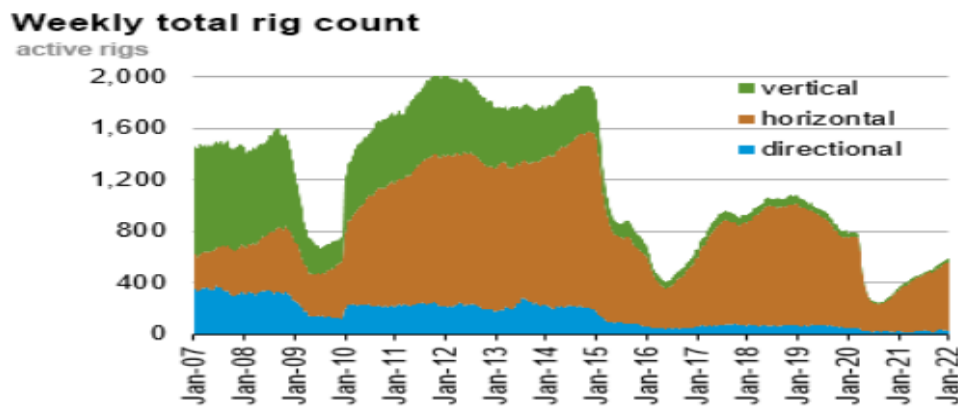
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2022-01-07	2021-12-31	change
East	730	767	-37
Midwest	835	893	-58
Mountain	159	172	-13
Pacific	204	219	-15
South Central	1,088	1,143	-55
Total	3,016	3,195	-179

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					
	December 2021	January 2022	change	December 2021	January 2022	change			
Anadarko	794	778	(16)	4,084	3,961	(123)			
Appalachia	188	188	-	30,284	30,345	61			
Bakken	2,130	2,088	(42)	2,983	2,923	(60)			
Eagle Ford	2,370	2,363	(7)	8,506	8,480	(26)			
Haynesville	19	19	-	11,865	11,966	101			
Niobrara	1,636	1,603	(33)	4,440	4,351	(89)			
Permian	1,214	1,210	(4)	2,281	2,269	(12)			
Rig-weighted average	1,142	1,140	(2)	6,272	6,312	40			

Source: Energy Information Administration, *Drilling Productivity Report*