
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 26, 2021 Edition
(Data for Week Ending November 20, 2021)

Prepared by
National Mining Association



101 Constitution Avenue, NW, Suite 500 East
Washington, DC, 20001
Phone (202) 463-2600
<http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 59, No. 47
Dated 11/26/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/20/21	11/21/20	% Chng	11/20/21	11/20/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,204	10,758	4.1%	518,751	476,025	9.0%
52 Weeks Ended	576,761	542,443	6.3%			
AAR Coal Rail Cars Loaded:	64,719	63,032	2.7%	2,959,015	2,674,892	10.6%
DOC Coal Trade (000 Tons)						
Exports:						
	Sep 21/20			Jan - Sep 21/20		
			% Chng			% Chng
Metallurgical	3,741	3,543	5.6%	33,429	30,855	8.3%
Steam Bit. *	2,758	1,820	51.5%	29,874	18,970	57.5%
Lignite	6	10	-40.0%	57	70	-18.6%
Anthracite	14	5	180.0%	235	158	48.7%
Total	6,519	5,378	21.2%	63,595	50,053	27.1%
Imports:	202	501	-59.7%	3,739	3,773	-0.9%
EI Electric Total Output (Mil. Kwh)						
	Week Ended			Cumulative Week 1 to		
	11/20/21	11/21/20	% Chng	11/20/21	11/21/20	% Chng
EI Coal Region Output (Mil. Kwh)	61,751	59,536	3.7%	3,169,228	3,066,010	3.4%
AISI Raw Steel Output (000 Tons)	1,861	1,621	14.8%	84,437	70,432	19.9%

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)	
	11/19/21	11/12/21	% Chng	Wed.	11/17/21
Central App, 12,500 Btu, 1.2 SO ₂	\$89.75	\$89.75	0.0%	Henry Hub	4.79
Northern App, 13,000 Btu, < 3.0 SO ₂	72.00	72.00	0.0%	New York	4.48
Illinois Basin, 11,800, 5.0 SO ₂	43.40	43.40	0.0%	Chicago	4.78
Powder River Basin, 8,800 Btu 0.8 SO ₂	30.70	30.70	0.0%	Cal.Comp.Avg.	5.90
Uinta Basin, 11,700 Btu, 0.8 SO ₂	33.15	33.15	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		
	11/20/2021 (week 47)	11/13/2021 (week 46)	11/21/2020 (week 47)	11/20/2021	11/20/2020	% Change	11/20/2021	11/21/2020	% Change
Alabama	217	219	219	10,236	10,941	-6.4	11,418	12,145	-6.0
Alaska	24	26	22	1,044	900	16.0	1,162	998	16.4
Colorado	210	209	208	9,423	8,887	6.0	10,544	10,041	5.0
Illinois	858	799	636	36,541	28,257	29.3	39,971	31,943	25.1
Indiana	341	356	366	16,925	17,923	-5.6	18,897	20,741	-8.9
Kentucky Total	534	556	496	24,122	21,478	12.3	26,796	24,553	9.1
Eastern (KY)	180	190	167	8,546	7,382	15.8	9,448	8,492	11.3
Western (KY)	354	367	329	15,576	14,096	10.5	17,348	16,061	8.0
Louisiana	5	5	7	229	639	-64.1	266	769	-65.4
Maryland	21	24	21	1,070	1,037	3.2	1,184	1,178	0.5
Mississippi	44	58	28	2,950	2,431	21.3	3,102	2,669	16.2
Missouri	2	2	3	91	142	-35.7	108	158	-31.6
Montana	531	536	542	24,046	23,429	2.6	26,968	26,778	0.7
New Mexico	163	166	172	8,160	9,298	-12.2	9,089	10,656	-14.7
North Dakota	541	552	513	24,986	23,604	5.9	27,754	26,423	5.0
Ohio	52	53	63	2,421	3,239	-25.3	2,760	3,891	-29.1
Oklahoma	.	.	.	.	1	-100.0	.	19	.
Pennsylvania Total	887	970	782	40,372	32,005	26.1	44,592	37,029	20.4
Anthracite (PA)	37	41	45	1,880	2,126	-11.6	2,120	2,435	-12.9
Bituminous (PA)	849	930	738	38,493	29,879	28.8	42,471	34,594	22.8
Tennessee	.	.	.	.	92	-100.0	.	136	.
Texas	346	327	384	15,572	17,562	-11.3	17,642	19,717	-10.5
Utah	259	263	254	12,058	11,759	2.5	13,429	13,040	3.0
Virginia	216	221	211	9,470	8,660	9.3	10,609	9,801	8.2
West Virginia Total	1,571	1,618	1,384	71,424	59,739	19.6	78,885	68,227	15.6
Northern (WV)	967	1,023	825	42,325	32,612	29.8	46,774	37,054	26.2
Southern (WV)	604	595	559	29,099	27,127	7.3	32,111	31,173	3.0
Wyoming	4,382	4,681	4,446	207,611	194,002	7.0	231,586	221,530	4.5
Appalachian Total	3,144	3,294	2,848	143,539	123,095	16.6	158,895	140,898	12.8
Interior Total	1,952	1,913	1,752	87,885	81,052	8.4	97,334	92,078	5.7
Western Total	6,109	6,432	6,158	287,328	271,878	5.7	320,532	309,467	3.6
East of Mississippi River	4,742	4,874	4,207	215,531	185,803	16.0	238,214	212,312	12.2
West of Mississippi River	6,462	6,765	6,552	303,220	290,223	4.5	338,548	330,132	2.5
Bituminous and Lignite	11,167	11,599	10,714	516,871	473,899	9.1	574,641	540,008	6.4
Anthracite	37	41	45	1,880	2,126	-11.6	2,120	2,435	-12.9
U.S. Total	11,204	11,639	10,758	518,751	476,025	9.0	576,761	542,443	6.3
Railroad Cars Loaded	64,719	67,225	63,032	2,959,015	2,674,892	10.6	3,301,295	3,058,232	7.9

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 47

OUTPUT FOR WEEK ENDED - Nov 20, 2021

Nov 24, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Nov 20, 2021** was **71,643** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **174** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended November 20		52 Weeks Ended November 20	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,079	-2.9	115,962	1.1
Mid-Atlantic	7,454	1.4	418,517	1.9
Central Industrial	12,049	5.3	651,245	3.1
West Central	6,147	4.7	334,373	4.0
Southeast	17,687	2.1	1,016,735	3.6
South Central	13,451	5.8	778,515	3.1
Rocky Mountain	4,963	2.8	293,075	2.0
Pacific Northwest	3,008	0.2	157,939	2.3
Pacific Southwest	4,805	3.2	267,467	0.1
Total United States	71,643	3.3	4,033,828	2.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Oct 30	69,278	Oct 31	69,502	-0.3	Oct 30	4,029,889	2.4
Nov 06	70,190	Nov 07	68,843	2.0	Nov 06	4,031,235	2.5
Nov 13	69,510	Nov 14	69,222	0.4	Nov 13	4,031,523	2.7
Nov 20	71,643	Nov 21	69,338	3.3	Nov 20	4,033,828	2.8
Nov 20	3,658,015	Nov 21	3,547,997	3.1	YEAR TO DATE, FIRST 47 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Oct 30	177	Oct 31	175	Nov 02	180
Nov 06	173	Nov 07	178	Nov 09	188
Nov 13	166	Nov 14	174	Nov 16	195
Nov 20	174	Nov 21	177	Nov 23	185

* 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		
	20-Nov	21-Nov	% Increase Over Corresponding Week	20-Nov	21-Nov	% Increase Over Corresponding Week	20-Nov	21-Nov	% Increase Over Corresponding Week
	2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output	
New England	2,079	2,141	-2.9%	104,559	102,902	1.6%	115,962	114,665	1.1%
Mid-Atlantic	7,454	7,354	1.4%	379,307	369,465	2.7%	418,517	410,892	1.9%
Central Industrial	12,049	11,446	5.3%	589,904	569,364	3.6%	651,245	631,728	3.1%
West Central	6,147	5,869	4.7%	303,496	290,124	4.6%	334,373	321,380	4.0%
Southeast	17,687	17,326	2.1%	921,534	889,718	3.6%	1,016,735	981,363	3.6%
South Central	13,451	12,711	5.8%	709,768	688,111	3.1%	778,515	755,130	3.1%
Rocky Mountain	4,963	4,830	2.8%	265,219	259,228	2.3%	293,075	287,453	2.0%
Pacific Northwest	3,008	3,003	0.2%	140,777	136,640	3.0%	157,939	154,324	2.3%
Pacific Southwest	4,805	4,658	3.2%	243,457	242,445	0.4%	267,467	267,251	0.1%
Total United States ^{1/}	71,643	69,338	3.3%	3,658,021	3,547,997	3.1%	4,033,828	3,924,186	2.8%
Coal Regions Only ^{2/}	61,751	59,536	3.7%	3,169,228	3,066,010	3.4%	3,492,460	3,387,946	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*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

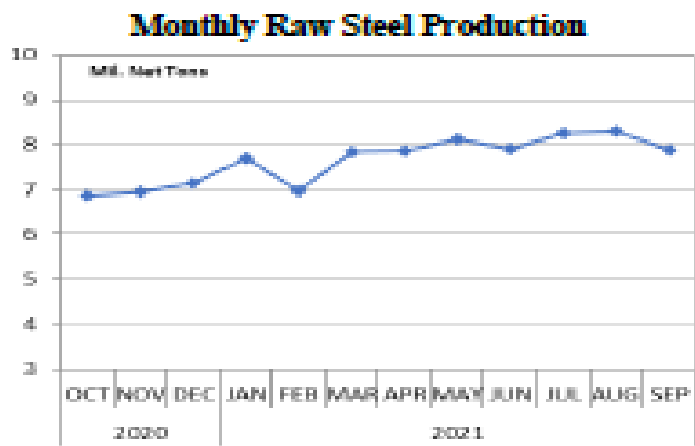
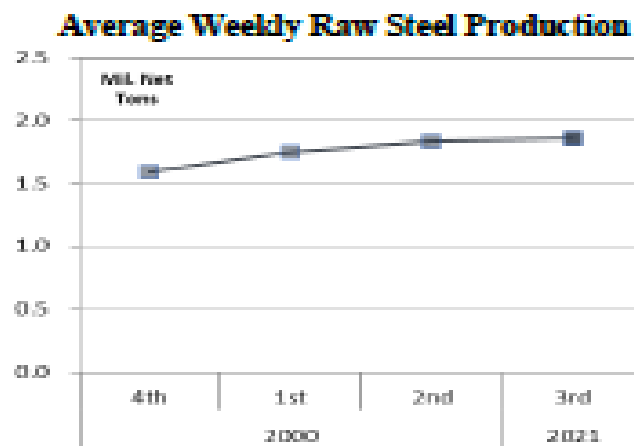
November 22, 2021

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</u>		
				<u>Nov 20</u>	<u>Nov 13</u>	
<u>Week Ending</u>				North East	175	177
				Great Lakes	617	619
November 20, 2021	1,861	0.3	84.3	Midwest	205	203
November 20, 2020	1,621	14.8	73.3	Southern	787	782
November 13, 2021	1,856	0.8	84.1	Western	77	75
				Total	1,861	1,856
<u>Year-to-Date +</u>						
November 20, 2021	84,437	19.9	81.6			
November 20, 2020	70,432	-	67.7			

*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 third 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.



*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 46, 2021 – Ended November 20, 2021

	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	237,244	1.6%	10,665,348	231,855	7.1%
Chemicals	34,174	4.4%	1,493,251	32,462	5.6%
Coal	64,719	2.8%	2,944,689	64,015	11.4%
Farm Products excl. Grain, and Food	17,118	1.3%	728,490	15,837	2.3%
Forest Products	9,897	4.2%	461,384	10,030	8.0%
Grain	24,494	-2.8%	1,067,783	23,213	5.1%
Metallic Ores and Metals	21,524	9.3%	1,040,089	22,611	25.3%
Motor Vehicles and Parts	14,690	-5.7%	596,039	12,957	1.1%
Nonmetallic Minerals	31,136	4.1%	1,396,668	30,362	1.1%
Petroleum and Petroleum Products	10,428	-4.4%	482,833	10,496	-3.9%
Other	9,064	-10.0%	454,122	9,872	2.9%
Total Intermodal Units	271,065	-10.0%	12,695,960	275,999	6.7%
Total Traffic	508,309	-4.9%	23,361,308	507,855	6.9%

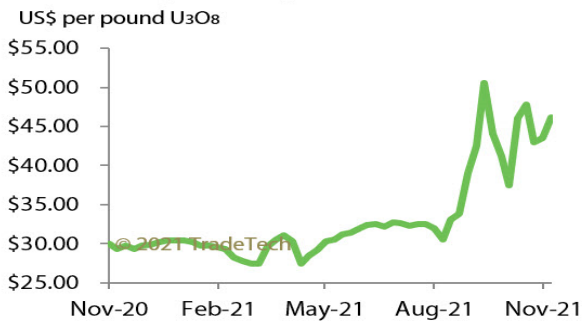
¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

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

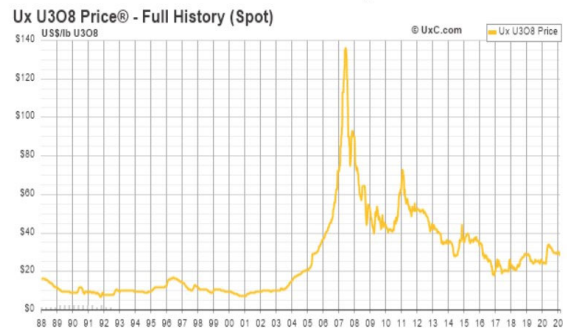
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's and UX's Uranium Price Indicators

Weekly U3O8 Spot Price Indicator

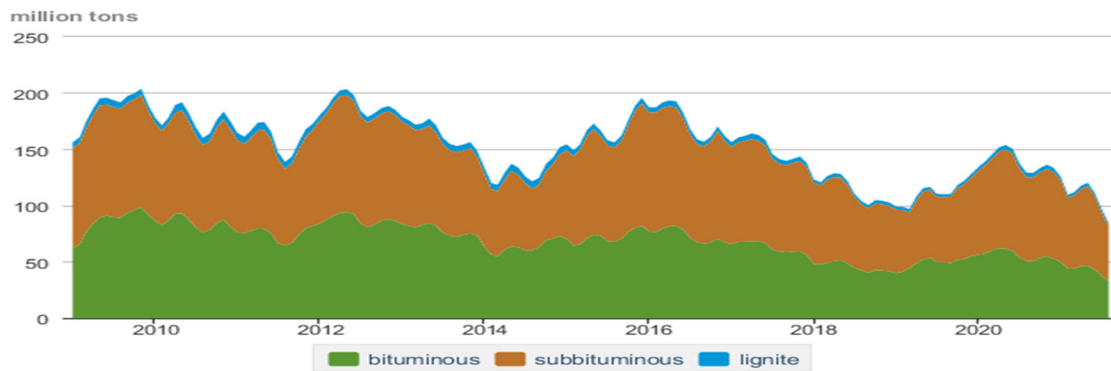


Ux U3O8 Price - Full History



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

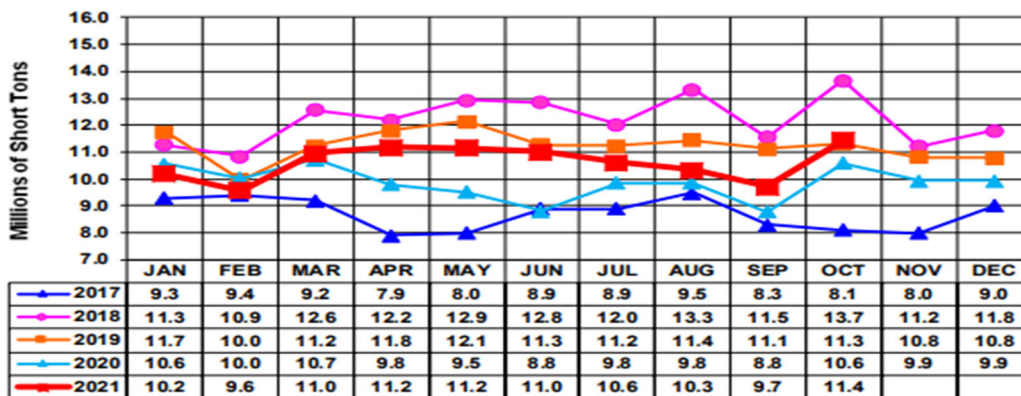
Coal stocks by type, January 2009 - August 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



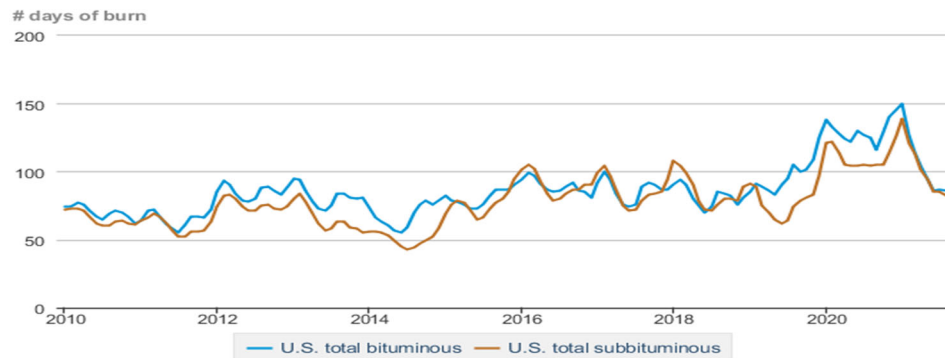
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	10/22/21	10/29/21	11/05/21	11/12/21	11/19/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.50	\$79.05	\$79.05	\$89.75	\$89.75	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$64.40	\$67.15	\$67.15	\$72.00	\$72.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$36.25	\$39.65	\$39.65	\$43.40	\$43.40	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.25	\$14.40	\$14.40	\$30.70	\$30.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.05	\$31.00	\$31.00	\$33.15	\$33.15	\$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 - August 2021



Source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Nov 11)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	144	-3	71	0	0	0
Middle Atlantic	124	-15	65	0	0	0
E N Central	122	-34	78	0	0	-1
W N Central	115	-55	47	0	0	0
South Atlantic	89	0	49	8	-7	-18
E S Central	93	2	55	0	-2	-7
W S Central	50	-6	30	9	-1	-17
Mountain	110	-43	-10	6	4	-1
Pacific	64	-9	-24	0	-1	-2
United States	99	-20	40	3	-2	-6

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

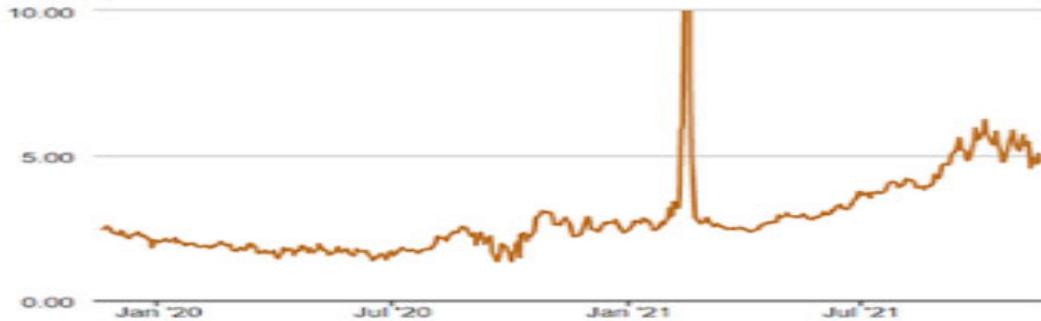
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2021 Year to Date - 2nd Quarter	2020 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	418.0	358.0	17%
Cement (Mil. Mt.)	42.6	41.4	3%
Copper (000 Mt.)	600.0	597.0	1%
Gold (Mt.)	89.2	94.7	-6%
Gypsum (Mil. Mt.)	9.6	8.5	13%
Iron Ore (Mil. Mt.)	12.5	17.4	-28%
Lead (000 Mt.)	146.8	136.7	7%
Molybdenum (000 Mt.)	21.8	24.8	-12%
Phosphate rock (Mil. Mt.)	10.7	12.1	-12%
Sand & gravel, construction (Mil. Mt.)	459.0	420.0	9%
Silver (Mt.)	520.0	456.0	14%
Soda ash (Mil. Mt.)	5.8	5.0	16%
Stone, crushed (Mil. Mt.)	706.0	689.0	2%
Zinc (000 Mt.)	355.0	308.0	15%

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)

dollars per million British thermal units



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	August 2021		August 2020		% Change of Stocks	July 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	1,634	242	3,691	278	-55.7%	2,090	328	-21.8%
	Subbituminous			160	185				
South	Bituminous	11,024	73	19,738	114	-44.1%	12,915	64	-14.6%
	Subbituminous	3,009	38	5,936	76	-49.3%	3,919	45	-23.2%
Midwest	Bituminous	8,657	86	13,059	115	-33.7%	9,643	92	-10.2%
	Subbituminous	18,048	102	27,509	125	-34.4%	20,789	107	-13.2%
West	Bituminous	2,156	109	3,910	163	-44.8%	2,452	120	-12.0%
	Subbituminous	16,520	77	24,479	92	-32.5%	19,294	80	-14.4%
U.S. Total	Bituminous	23,471	86	40,398	125	-41.9%	27,099	87	-13.4%
	Subbituminous	37,576	82	58,084	104	-35.3%	44,002	85	-14.6%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

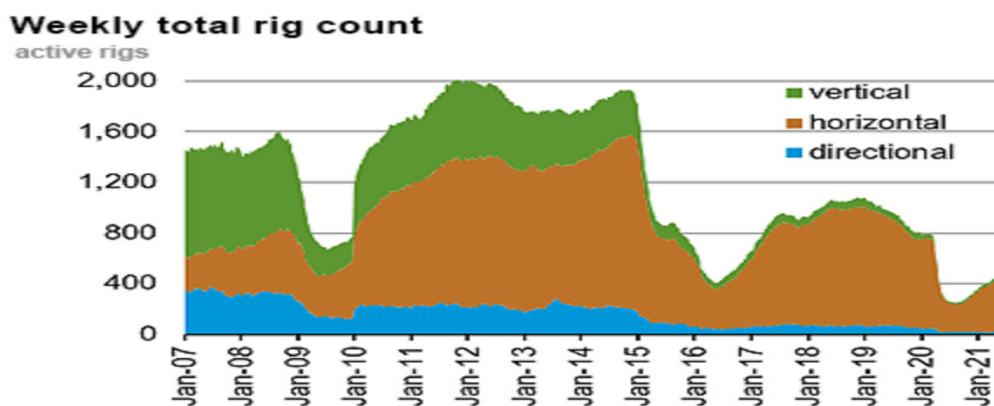
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-11-12	2021-11-05	change
East	900	897	3
Midwest	1,079	1,075	4
Mountain	212	213	-1
Pacific	261	258	3
South Central	1,191	1,175	16
Total	3,644	3,618	26

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					
	November 2021	December 2021	change	November 2021	December 2021	change			
Anadarko	845	795	(50)	4,540	4,088	(454)			
Appalachia	187	187	-	30,133	30,284	151			
Bakken	2,152	2,148	(4)	3,013	3,007	(6)			
Eagle Ford	2,382	2,383	1	8,557	8,559	2			
Haynesville	19	19	-	11,924	12,079	155			
Niobrara	1,662	1,629	(33)	4,524	4,434	(90)			
Permian	1,218	1,213	(5)	2,245	2,233	(12)			
Rig-weighted average	1,143	1,143	-	6,465	6,273	(192)			

Source: Energy Information Administration, *Drilling Productivity Report*