
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 12, 2021 Edition
(Data for Week Ending November 6, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 45
Dated 11/12/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/06/21	11/07/20	% Chng	11/06/21	11/06/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,558	10,068	14.8%	495,908	455,045	9.0%
52 Weeks Ended	574,988	547,269	5.1%			
AAR Coal Rail Cars Loaded:	66,745	58,987	13.2%	2,827,071	2,551,970	10.8%
DOC Coal Trade (000 Tons)						
Exports:						
	Sep 21/20		% Chng	Jan - Sep 21/20		% 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%
EEI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	11/06/21	11/07/20		11/06/21	11/07/20	
EEI Coal Region Output (Mil. Kwh)	60,640	59,263	2.3%	3,047,857	2,947,182	3.4%
AISI Raw Steel Output (000 Tons)	1,841	1,611	14.3%	80,720	67,189	20.1%

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)	
	11/05/21	10/29/21	% Chng	Wed.	11/03/21
Central App, 12,500 Btu, 1.2 SO ₂	\$79.05	\$79.05	0.0%	Henry Hub	5.59
Northern App, 13,000 Btu, < 3.0 SO ₂	67.15	67.15	0.0%	New York	5.57
Illinois Basin, 11,800, 5.0 SO ₂	39.65	39.65	0.0%	Chicago	5.54
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.14	14.14	0.0%	Cal.Comp.Avg.	5.71
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



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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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	11/6/2021 (week 45)	10/30/2021 (week 44)	11/7/2020 (week 45)	11/6/2021	11/6/2020	% Change	11/6/2021	11/7/2020	% Change
Alabama	220	224	205	9,800	10,513	-6.8	11,411	12,184	-6.3
Alaska	25	25	21	994	857	16.0	1,156	993	16.4
Colorado	213	217	195	9,005	8,481	6.2	10,533	10,083	4.5
Illinois	814	886	595	34,884	27,017	29.1	39,559	32,132	23.1
Indiana	355	353	342	16,228	17,210	-5.7	18,916	21,128	-10.5
Kentucky Total	553	552	464	23,032	20,511	12.3	26,677	24,780	7.7
Eastern (KY)	186	186	156	8,177	7,055	15.9	9,406	8,598	9.4
Western (KY)	367	366	308	14,855	13,455	10.4	17,271	16,183	6.7
Louisiana	5	5	6	220	626	-64.9	269	807	-66.7
Maryland	22	22	20	1,025	996	3.0	1,181	1,192	-0.9
Mississippi	53	46	26	2,848	2,376	19.8	3,055	2,706	12.9
Missouri	2	2	3	87	136	-36.0	109	159	-31.4
Montana	540	548	507	22,979	22,372	2.7	26,963	27,023	-0.2
New Mexico	170	168	161	7,832	8,963	-12.6	9,097	10,850	-16.2
North Dakota	552	559	480	23,894	22,603	5.7	27,666	26,514	4.3
Ohio	54	54	59	2,316	3,117	-25.7	2,778	4,024	-31.0
Oklahoma	.	.	.	.	1	-100.0	.	26	.
Pennsylvania Total	921	916	732	38,515	30,479	26.4	44,267	37,456	18.2
Anthracite (PA)	40	39	42	1,802	2,039	-11.7	2,129	2,468	-13.7
Bituminous (PA)	880	877	691	36,714	28,440	29.1	42,138	34,988	20.4
Tennessee	.	.	.	.	92	-100.0	.	153	.
Texas	351	358	359	14,899	16,814	-11.4	17,721	19,804	-10.5
Utah	266	267	238	11,537	11,263	2.4	13,406	13,040	2.8
Virginia	218	223	198	9,033	8,248	9.5	10,586	9,831	7.7
West Virginia Total	1,597	1,623	1,295	68,234	57,040	19.6	78,406	68,827	13.9
Northern (WV)	996	999	772	40,335	31,003	30.1	46,400	37,165	24.8
Southern (WV)	601	624	523	27,899	26,037	7.2	32,006	31,662	1.1
Wyoming	4,628	4,527	4,161	198,548	185,331	7.1	231,231	223,556	3.4
Appalachian Total	3,217	3,248	2,665	137,101	117,541	16.6	158,035	142,264	11.1
Interior Total	1,947	2,016	1,640	84,020	77,635	8.2	96,901	92,946	4.3
Western Total	6,394	6,310	5,763	274,787	259,869	5.7	320,052	312,060	2.6
East of Mississippi River	4,806	4,898	3,937	205,915	177,599	15.9	236,836	214,413	10.5
West of Mississippi River	6,752	6,676	6,131	289,993	277,446	4.5	338,152	332,856	1.6
Bituminous and Lignite	11,518	11,535	10,026	494,106	453,006	9.1	572,859	544,801	5.2
Anthracite	40	39	42	1,802	2,039	-11.7	2,129	2,468	-13.7
U.S. Total	11,558	11,574	10,068	495,908	455,045	9.0	574,988	547,269	5.1
Railroad Cars Loaded	66,745	66,818	58,987	2,827,071	2,551,970	10.8	3,292,797	3,083,256	6.8

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 45

OUTPUT FOR WEEK ENDED - Nov 06, 2021

Nov 10, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Nov 06, 2021** was **70,190** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **173** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended November 06		52 Weeks Ended November 06	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,999	-2.9	116,025	0.8
Mid-Atlantic	7,115	0.3	418,238	1.3
Central Industrial	11,250	3.5	650,359	2.5
West Central	5,853	2.5	334,026	3.7
Southeast	18,115	2.2	1,016,245	3.3
South Central	12,966	4.4	778,000	2.9
Rocky Mountain	5,341	-1.8	293,049	1.9
Pacific Northwest	2,811	1.8	158,163	2.6
Pacific Southwest	4,740	-0.4	267,130	-0.1
Total United States	70,190	2.0	4,031,235	2.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Oct 16	73,017	Oct 17	69,802	4.6	Oct 16	4,031,857	2.4
Oct 23	68,303	Oct 24	70,046	-2.5	Oct 23	4,030,113	2.3
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 06	3,516,863	Nov 07	3,409,437	3.2	YEAR TO DATE, FIRST 45 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Oct 16	185	Oct 17	174	Oct 19	170
Oct 23	175	Oct 24	177	Oct 26	173
Oct 30	177	Oct 31	175	Nov 02	180
Nov 06	173	Nov 07	178	Nov 09	188

* 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		
	6-Nov 2021 GWh Output	7-Nov 2020 GWh Output	% Increase Over Corresponding Week	6-Nov 2021 GWh Output	7-Nov 2020 GWh Output	% Increase Over Corresponding Week	6-Nov 2021 GWh Output	7-Nov 2020 GWh Output	% Increase Over Corresponding Week
New England	1,999	2,058	-2.9%	100,478	98,758	1.7%	116,025	115,048	0.8%
Mid-Atlantic	7,115	7,091	0.3%	364,811	355,249	2.7%	418,238	412,745	1.3%
Central Industrial	11,250	10,874	3.5%	566,554	546,900	3.6%	650,359	634,486	2.5%
West Central	5,853	5,712	2.5%	291,455	278,431	4.7%	334,026	322,246	3.7%
Southeast	18,115	17,730	2.2%	886,567	855,240	3.7%	1,016,245	983,866	3.3%
South Central	12,966	12,414	4.4%	683,366	662,224	3.2%	778,000	756,280	2.9%
Rocky Mountain	5,341	5,442	-1.9%	255,104	249,138	2.4%	293,049	287,536	1.9%
Pacific Northwest	2,811	2,761	1.8%	134,732	130,371	3.3%	158,163	154,107	2.6%
Pacific Southwest	4,740	4,761	-0.4%	233,801	233,126	0.3%	267,130	267,494	-0.1%
Total United States ^{1/}	<u>70,190</u>	<u>68,843</u>	2.0%	<u>3,516,868</u>	<u>3,409,437</u>	3.2%	<u>4,031,235</u>	<u>3,933,808</u>	2.5%
Coal Regions Only ^{2/}	60,640	59,263	2.3%	3,047,857	2,947,182	3.4%	3,489,917	3,397,159	2.7%

Notes: EEl 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. EEl survey data represent the majority of national distribution (large utilities, large government power projects, some independent and large municipality 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 (EEl), *Weekly Electric Output Report*.

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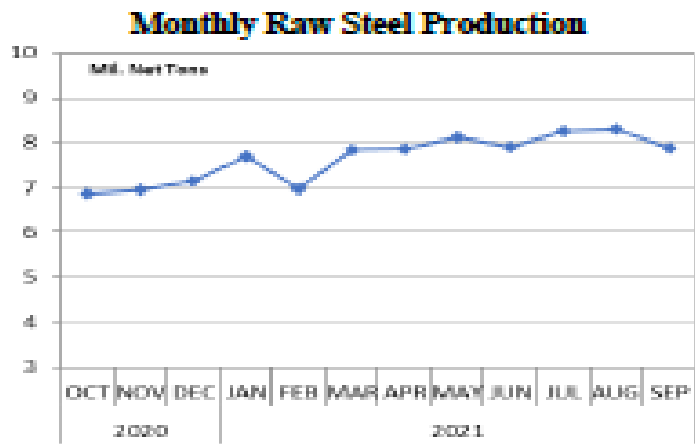
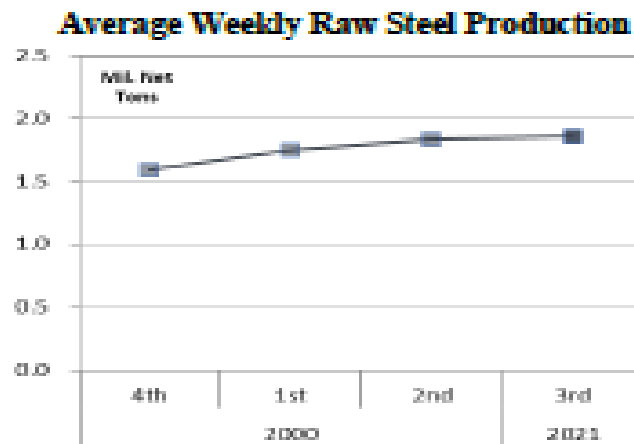
November 8, 2021

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 Nov 6</u>	<u>Week Ending Oct 30</u>	
<u>Week Ending</u>				North East	176	178
				Great Lakes	612	618
November 6, 2021	1,841	-1.0	83.4	Midwest	199	204
November 6, 2020	1,611	14.3	72.8	Southern	776	781
October 30, 2021	1,860	-0.5	84.3	Western	78	79
				Total	1,841	1,860
<u>Year-to-Date +</u>						
November 6, 2021	80,720	20.1	81.5			
November 6, 2020	67,189	-	67.3			

*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 44, 2021 – Ended November 6, 2021

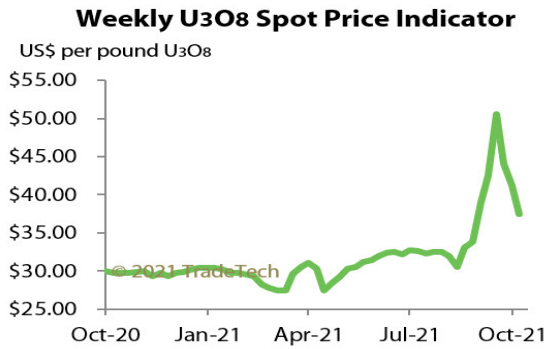
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	235,585	3.1%	10,192,237	231,642	7.4%
Chemicals	33,780	3.6%	1,425,564	32,399	5.7%
Coal	66,745	12.9%	2,812,745	63,926	11.6%
Farm Products excl. Grain, and Food	16,874	2.7%	694,892	15,793	2.4%
Forest Products	9,554	0.0%	441,633	10,037	8.1%
Grain	25,386	-7.4%	1,017,953	23,135	5.8%
Metallic Ores and Metals	21,039	19.9%	998,329	22,689	26.2%
Motor Vehicles and Parts	11,946	-21.1%	568,659	12,924	1.9%
Nonmetallic Minerals	30,650	0.9%	1,334,549	30,331	0.9%
Petroleum and Petroleum Products	10,010	-4.0%	462,269	10,506	-3.8%
Other	9,601	-2.6%	435,644	9,901	3.4%
Total Intermodal Units	268,526	-8.6%	12,158,149	276,322	7.6%
Total Traffic	504,111	-3.5%	22,350,386	507,963	7.5%

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.

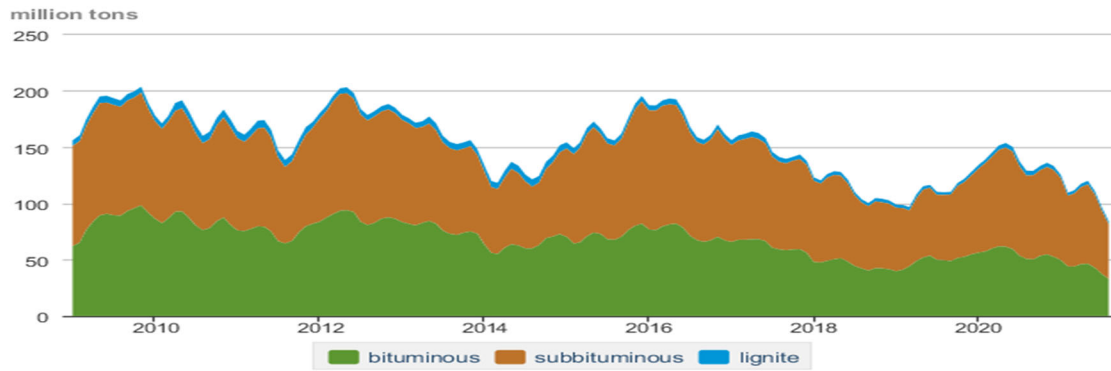
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

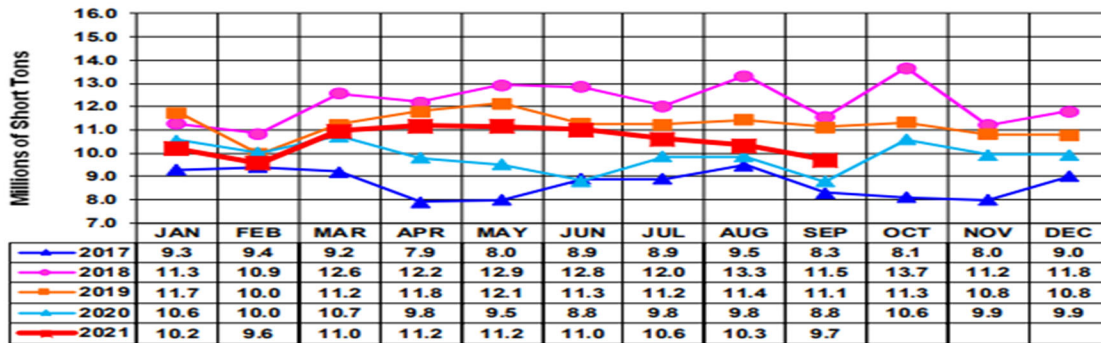
Coal stocks by type, January 2009 - August 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

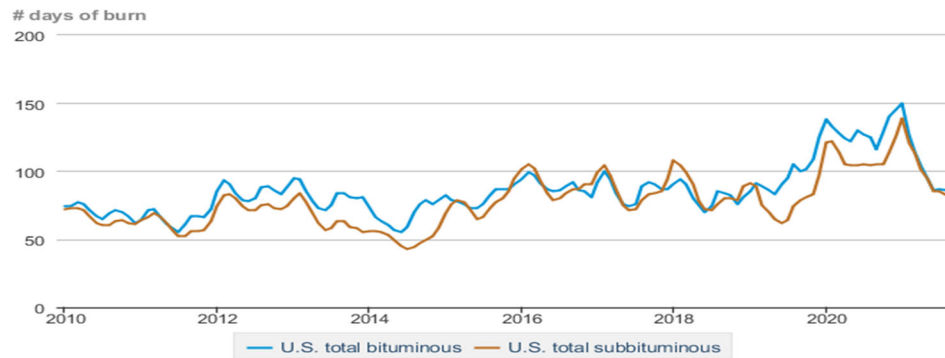
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	10/08/21	10/15/21	10/22/21	10/29/21	11/05/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$75.50	\$75.50	\$75.50	\$79.05	\$79.05	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$64.40	\$64.40	\$64.40	\$67.15	\$67.15	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$36.25	\$36.25	\$36.25	\$39.65	\$39.65	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.25	\$13.25	\$13.25	\$14.40	\$14.40	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.05	\$30.05	\$30.05	\$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 - August 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Oct 28)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	91	-29	24	0	0	0
Middle Atlantic	74	-36	16	0	0	-1
E N Central	119	0	-4	0	-1	-1
W N Central	122	0	-82	0	-1	0
South Atlantic	38	-27	18	27	7	-14
E S Central	50	-15	22	4	-1	-18
W S Central	10	-21	-36	50	31	17
Mountain	94	-20	-67	5	-1	-4
Pacific	58	9	9	0	-3	-2
United States	77	-12	-9	11	4	-3

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

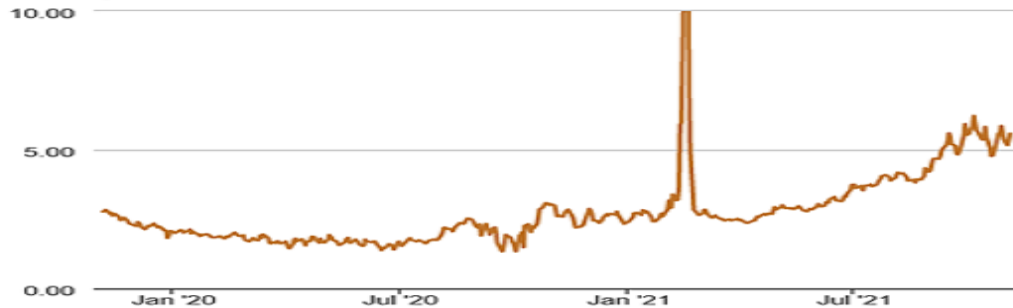
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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

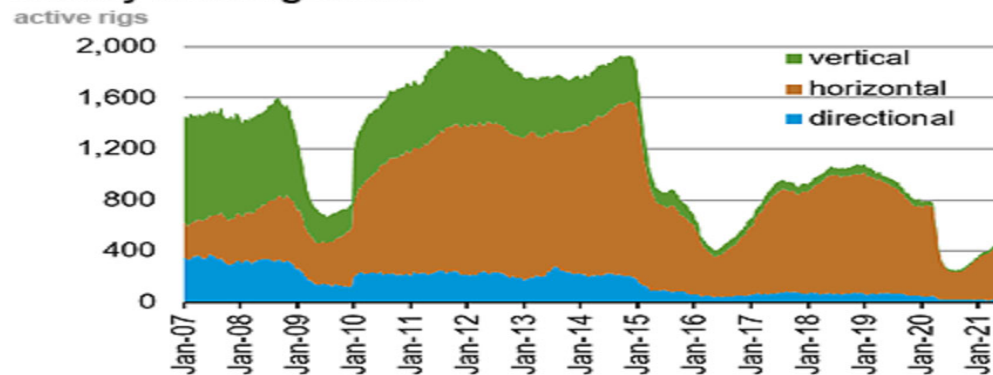
Region	Stocks billion cubic feet (Bcf)		
	2021-10-29	2021-10-22	change
East	899	885	14
Midwest	1,071	1,052	19
Mountain	213	212	1
Pacific	256	255	1
South Central	1,172	1,144	28
Total	3,611	3,548	63

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		
	October 2021	November 2021	change	October 2021	November 2021	change
Anadarko	899	845	(54)	4,828	4,538	(290)
Appalachia	187	187	-	30,127	30,133	6
Bakken	2,250	2,152	(98)	3,150	3,013	(137)
Eagle Ford	2,388	2,390	2	8,516	8,559	43
Haynesville	19	19	-	11,806	11,924	118
Niobrara	1,733	1,663	(70)	4,712	4,523	(189)
Permian	1,224	1,220	(4)	2,259	2,248	(11)
Rig-weighted average	1,162	1,145	(17)	6,628	6,466	(162)

Source: Energy Information Administration, *Drilling Productivity Report*