
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 5, 2021 Edition
(Data for Week Ending October 30, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 44
Dated 11/05/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/30/21	10/31/20	% Chng	10/30/21	10/30/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,574	9,999	15.8%	484,349	444,986	8.8%
52 Weeks Ended	573,498	550,314	4.2%			
AAR Coal Rail Cars Loaded:	66,818	58,585	14.1%	2,760,326	2,493,035	10.7%
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 Output (Mil. Kwh)						
	Week Ended			Cumulative Week 1 to		
	10/30/21	10/31/20	% Chng	10/30/21	10/31/20	% Chng
EI Electric Total Output (Mil. Kwh)	69,278	69,502	-0.3%	3,446,673	3,340,594	3.2%
EI Coal Region Output (Mil. Kwh)	59,874	60,028	-0.3%	2,987,217	2,887,919	3.4%
AISI Raw Steel Output (000 Tons)	1,860	1,549	20.1%	78,879	65,579	20.3%

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)	
	10/29/21	10/22/21	% Chng	Wed.	10/27/21
Central App, 12,500 Btu, 1.2 SO ₂	\$79.05	\$75.50	4.7%	Henry Hub	5.86
Northern App, 13,000 Btu, < 3.0 SO ₂	67.15	64.40	4.3%	New York	5.44
Illinois Basin, 11,800, 5.0 SO ₂	39.65	36.25	9.4%	Chicago	5.82
Powder River Basin, 8,800 Btu 0.8 SO ₂	14.14	13.25	6.7%	Cal.Comp.Avg.	6.66
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.00	30.05	3.2%		

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)	10/30/2021 (week 44)	10/23/2021 (week 43)	10/31/2020 (week 44)	10/30/2021	10/30/2020	% Change	10/30/2021	10/31/2020	% Change
Alabama	224	214	204	9,580	10,308	-7.1	11,396	12,216	-6.7
Alaska	25	25	20	970	836	15.9	1,152	992	16.1
Colorado	217	205	193	8,792	8,287	6.1	10,514	10,116	3.9
Illinois	886	781	591	34,070	26,422	28.9	39,341	32,264	21.9
Indiana	353	348	340	15,873	16,868	-5.9	18,904	21,344	-11.4
Kentucky Total	552	544	461	22,479	20,047	12.1	26,589	24,923	6.7
Eastern (KY)	186	185	155	7,992	6,899	15.8	9,377	8,661	8.3
Western (KY)	366	359	306	14,487	13,148	10.2	17,211	16,262	5.8
Louisiana	5	4	6	215	620	-65.4	271	827	-67.2
Maryland	22	23	20	1,003	976	2.8	1,179	1,200	-1.8
Mississippi	46	57	26	2,795	2,350	18.9	3,029	2,727	11.1
Missouri	2	2	3	85	133	-36.3	110	159	-30.8
Montana	548	525	504	22,438	21,865	2.6	26,930	27,177	-0.9
New Mexico	168	162	160	7,662	8,802	-12.9	9,089	10,958	-17.1
North Dakota	559	540	477	23,341	22,123	5.5	27,594	26,589	3.8
Ohio	54	52	58	2,262	3,058	-26.0	2,783	4,095	-32.0
Oklahoma	.	.	.	.	1	-100.0	.	30	.
Pennsylvania Total	916	949	727	37,595	29,747	26.4	44,079	37,717	16.9
Anthracite (PA)	39	40	41	1,761	1,998	-11.8	2,131	2,488	-14.3
Bituminous (PA)	877	909	686	35,834	27,750	29.1	41,948	35,229	19.1
Tennessee	.	.	.	.	92	-100.0	.	162	.
Texas	358	320	357	14,548	16,455	-11.6	17,729	19,869	-10.8
Utah	267	257	236	11,270	11,025	2.2	13,378	13,054	2.5
Virginia	223	216	196	8,815	8,051	9.5	10,565	9,858	7.2
West Virginia Total	1,623	1,583	1,286	66,638	55,747	19.5	78,104	69,208	12.9
Northern (WV)	999	1,001	767	39,339	30,232	30.1	46,176	37,267	23.9
Southern (WV)	624	583	519	27,298	25,515	7.0	31,927	31,941	s
Wyoming	4,527	4,580	4,133	193,920	181,174	7.0	230,764	224,830	2.6
Appalachian Total	3,248	3,223	2,647	133,883	114,878	16.5	157,483	143,115	10.0
Interior Total	2,016	1,872	1,629	82,073	75,996	8.0	96,594	93,484	3.3
Western Total	6,310	6,292	5,724	268,393	254,112	5.6	319,421	313,716	1.8
East of Mississippi River	4,898	4,769	3,910	201,109	173,666	15.8	235,967	215,712	9.4
West of Mississippi River	6,676	6,619	6,089	283,241	271,320	4.4	337,531	334,602	0.9
Bituminous and Lignite	11,535	11,347	9,958	482,588	442,988	8.9	571,367	547,827	4.3
Anthracite	39	40	41	1,761	1,998	-11.8	2,131	2,488	-14.3
U.S. Total	11,574	11,387	9,999	484,349	444,986	8.8	573,498	550,314	4.2
Railroad Cars Loaded	66,818	65,712	58,585	2,760,326	2,493,035	10.7	3,285,039	3,099,449	6.0

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 44

OUTPUT FOR WEEK ENDED - Oct 30, 2021

Nov 03, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 30, 2021** was **69,278** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **177** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended October 30		52 Weeks Ended October 30	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,001	-3.9	116,085	0.9
Mid-Atlantic	6,845	-2.1	418,214	1.2
Central Industrial	10,829	-4.0	649,983	2.3
West Central	5,815	-3.4	333,885	3.5
Southeast	17,173	-1.5	1,015,859	3.2
South Central	14,065	7.8	777,448	2.8
Rocky Mountain	5,147	-2.2	293,150	1.9
Pacific Northwest	2,624	-5.8	158,114	2.5
Pacific Southwest	4,779	3.7	267,150	-0.2
Total United States	69,278	-0.3	4,029,888	2.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Oct 09	75,195	Oct 10	69,806	7.7	Oct 09	4,028,642	2.4
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
Oct 30	3,446,673	Oct 31	3,340,594	3.2	YEAR TO DATE, FIRST 44 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Oct 09	187	Oct 10	171	Oct 12	174
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

* 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		
	30-Oct 2021 GWh Output	31-Oct 2020 GWh Output	% Increase Over Corresponding Week	30-Oct 2021 GWh Output	31-Oct 2020 GWh Output	% Increase Over Corresponding Week	30-Oct 2021 GWh Output	31-Oct 2020 GWh Output	% Increase Over Corresponding Week
New England	2,001	2,082	-3.9%	98,479	96,700	1.8%	116,085	115,103	0.9%
Mid-Atlantic	6,845	6,994	-2.1%	357,696	348,158	2.7%	418,214	413,267	1.2%
Central Industrial	10,829	11,275	-4.0%	555,304	536,026	3.6%	649,983	635,517	2.3%
West Central	5,815	6,020	-3.4%	285,602	272,719	4.7%	333,885	322,693	3.5%
Southeast	17,173	17,430	-1.5%	868,452	837,510	3.7%	1,015,859	984,292	3.2%
South Central	14,065	13,047	7.8%	670,400	649,810	3.2%	777,448	756,610	2.8%
Rocky Mountain	5,147	5,262	-2.2%	249,763	243,696	2.5%	293,150	287,554	1.9%
Pacific Northwest	2,624	2,785	-5.8%	131,921	127,610	3.4%	158,114	154,325	2.5%
Pacific Southwest	4,779	4,607	3.7%	229,061	228,365	0.3%	267,150	267,611	-0.2%
Total United States ^{1/}	<u>69,278</u>	<u>69,502</u>	-0.3%	<u>3,446,678</u>	<u>3,340,594</u>	<u>3.2%</u>	<u>4,029,888</u>	<u>3,936,972</u>	<u>2.4%</u>
Coal Regions Only ^{2/}	59,874	60,028	-0.3%	2,987,217	2,887,919	3.4%	3,488,539	3,399,933	2.6%

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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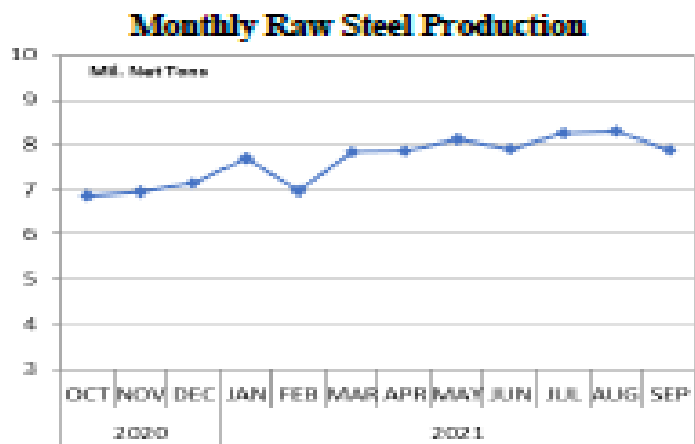
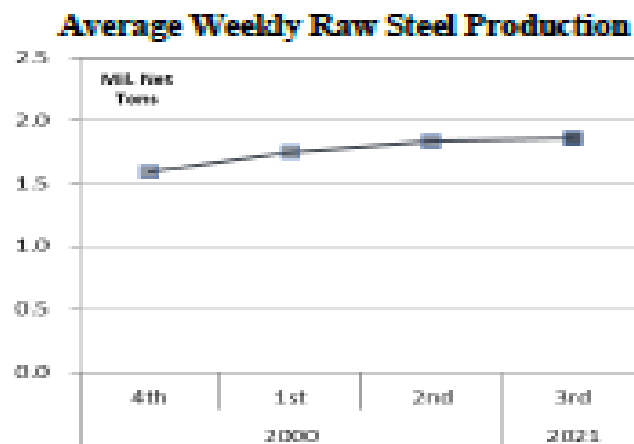
November 1, 2021

ESTIMATED WEEKLY RAW STEEL* PRODUCTION

Period	Thousand Net Tons	Percent Change from Previous Period	Percent Capacity Utilization**	Production by District		
				Week Ending Oct 30	Week Ending Oct 23	
<u>Week Ending</u>				North East	178	176
				Great Lakes	618	635
October 30, 2021	1,860	-0.5	84.3	Midwest	204	201
October 30, 2020	1,549	20.1	70.1	Southern	781	782
October 23, 2021	1,870	-0.6	84.7	Western	79	76
				Total	1,860	1,870
<u>Year-to-Date +</u>						
October 30, 2021	78,879	20.3	81.4			
October 30, 2020	65,579	-	67.1			

*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 43, 2021 – Ended October 30, 2021

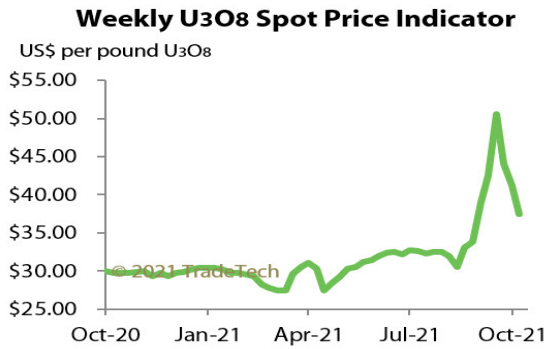
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	238,267	4.9%	9,956,652	231,550	7.5%
Chemicals	33,343	9.2%	1,391,784	32,367	5.7%
Coal	66,818	14.3%	2,746,000	63,860	11.6%
Farm Products excl. Grain, and Food	17,193	3.7%	678,018	15,768	2.4%
Forest Products	9,729	3.1%	432,079	10,048	8.3%
Grain	24,711	-8.7%	992,567	23,083	6.2%
Metallic Ores and Metals	24,059	16.5%	977,290	22,728	26.3%
Motor Vehicles and Parts	12,697	-14.3%	556,713	12,947	2.5%
Nonmetallic Minerals	30,737	5.3%	1,303,899	30,323	0.9%
Petroleum and Petroleum Products	9,558	-6.5%	452,259	10,518	-3.8%
Other	9,422	-8.5%	426,043	9,908	3.6%
Total Intermodal Units	271,874	-7.3%	11,889,623	276,503	8.0%
Total Traffic	510,141	-2.0%	21,846,275	508,053	7.8%

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.

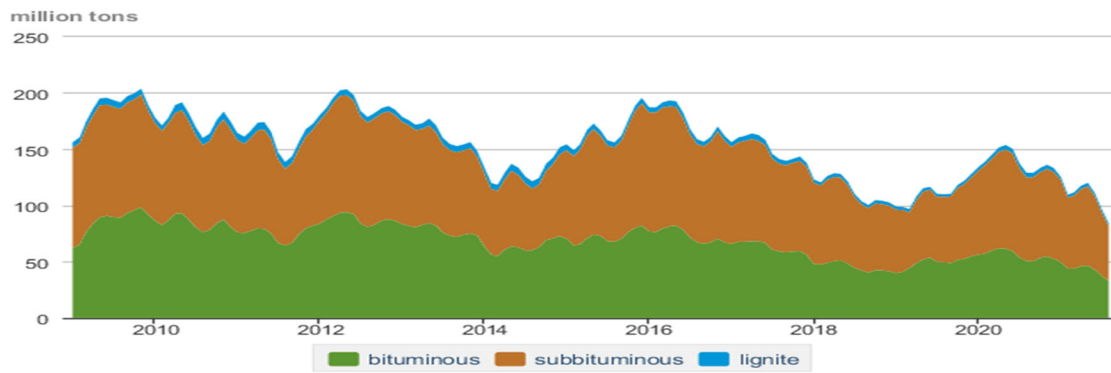
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

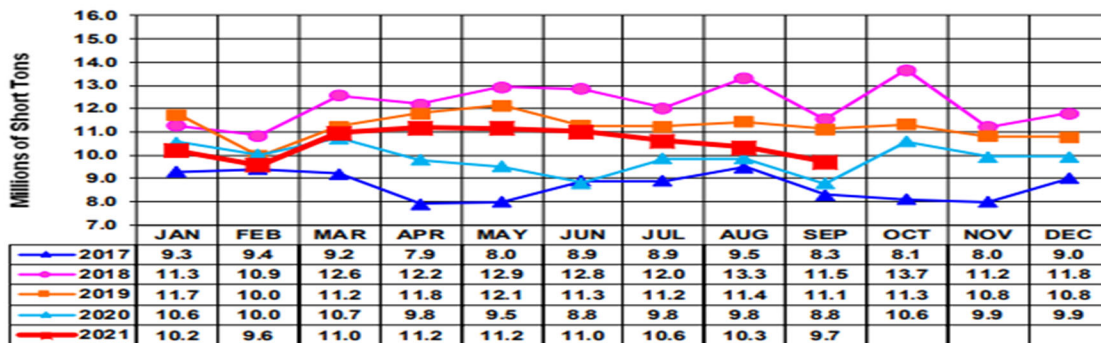
Coal stocks by type, January 2009 - August 2021



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

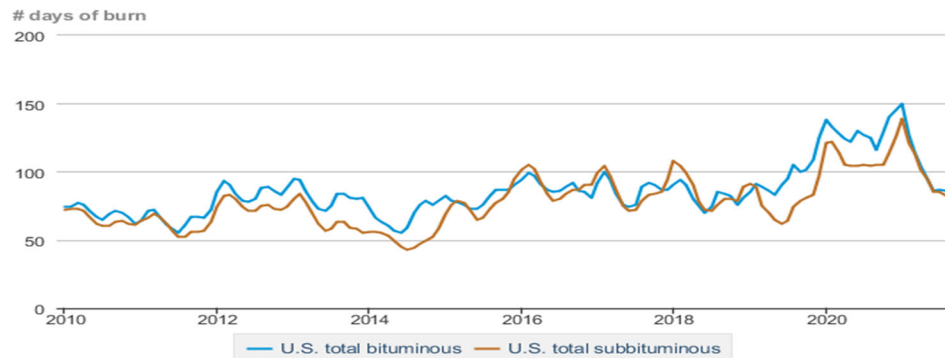
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	10/01/21	10/08/21	10/15/21	10/22/21	10/29/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$73.25	\$75.50	\$75.50	\$75.50	\$79.05	\$3.55
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$62.50	\$64.40	\$64.40	\$64.40	\$67.15	\$2.75
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$36.25	\$36.25	\$36.25	\$36.25	\$39.65	\$3.40
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.30	\$13.25	\$13.25	\$13.25	\$14.40	\$1.15
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.15	\$30.05	\$30.05	\$30.05	\$31.00	\$0.95

Source: With permission, S&P Global

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 21)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	50	-56	-33	1	1	1
Middle Atlantic	43	-53	-29	5	4	5
E N Central	64	-38	-50	1	0	1
W N Central	83	-17	-59	0	-1	0
South Atlantic	33	-20	-7	31	7	1
E S Central	39	-14	-6	11	2	5
W S Central	21	0	4	31	5	-10
Mountain	101	5	25	5	-5	-17
Pacific	47	9	36	2	-4	-35
United States	53	-21	-15	12	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



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

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

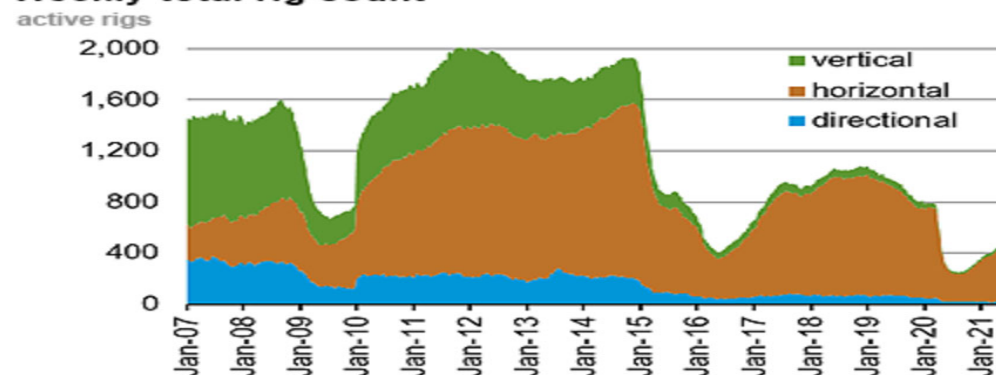
Region	Stocks billion cubic feet (Bcf)		
	2021-10-22	2021-10-15	change
East	885	862	23
Midwest	1,052	1,027	25
Mountain	212	211	1
Pacific	255	253	2
South Central	1,144	1,108	36
Total	3,548	3,461	87

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*