
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

October 1, 2021 Edition
(Data for Week Ending September 25, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 39
Dated 10/01/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	09/25/21	09/26/20	% Chng	09/25/21	09/25/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,219	10,256	19.1%	428,200	394,068	8.7%
52 Weeks Ended	568,233	564,267	0.7%			
AAR Coal Rail Cars Loaded:	70,002	58,220	20.2%	2,437,157	2,196,030	11.0%
Coal Production	August 21/20		% Chng	Jan - Aug 21/20		% Chng
Month Ended - August	51,924	47,523	9.3%	385,312	356,156	8.2%
DOC Coal Trade (000 Tons)						
Exports:	July 21/20		% Chng	Jan - July 21/20		% Chng
Metallurgical	3,390	3,724	-9.0%	25,428	24,397	4.2%
Steam Bit. *	3,115	1,581	97.0%	23,713	15,551	52.5%
Lignite	4	7	-42.9%	45	54	-16.7%
Anthracite	5	52	-90.4%	194	146	32.9%
Total	6,514	5,364	21.4%	49,380	40,148	23.0%
Imports:	564	473	19.2%	3,170	2,959	7.1%
	Week Ended			Cumulative Week 1 to		
	09/25/21	09/26/20	% Chng	09/25/21	09/26/20	% Chng
EEl Electric Total Output (Mil. Kwh)	75,786	69,966	8.3%	3,085,861	2,990,701	3.2%
EEl Coal Region Output (Mil. Kwh)	65,329	59,965	8.9%	2,674,158	2,587,930	3.3%
AISI Raw Steel Output (000 Tons)	1,880	1,537	22.3%	69,540	57,841	20.2%

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)	
	09/24/21	09/17/21	% Chng	Wed.	09/22/21
Central App, 12,500 Btu, 1.2 SO ₂	\$71.05	\$71.05	0.0%	Henry Hub	4.83
Northern App, 13,000 Btu, < 3.0 SO ₂	60.65	60.65	0.0%	New York	4.22
Illinois Basin, 11,800, 5.0 SO ₂	36.25	36.25	0.0%	Chicago	4.65
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.35	13.35	0.0%	Cal.Comp.Avg.	5.77
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.25	30.25	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		
	9/25/2021 (week 39)	9/18/2021 (week 38)	9/26/2020 (week 39)	9/25/2021	9/25/2020	% Change	9/25/2021	9/26/2020	% Change
Alabama	253	240	219	8,497	9,264	-8.3	11,356	12,348	-8.0
Alaska	24	23	17	850	735	15.6	1,133	985	15.0
Arizona	.	.	.	.	.	.	.	12	.
Colorado	231	225	187	7,753	7,311	6.1	10,453	10,267	1.8
Illinois	795	787	574	30,053	23,434	28.2	38,313	32,898	16.5
Indiana	392	387	374	14,152	15,119	-6.4	18,927	22,361	-15.4
Kentucky Total	561	566	489	19,811	17,688	12.0	26,276	25,579	2.7
Eastern (KY)	192	189	155	7,090	6,111	16.0	9,264	8,965	3.3
Western (KY)	369	377	334	12,721	11,578	9.9	17,012	16,614	2.4
Louisiana	6	6	5	190	589	-67.7	277	927	-70.1
Maryland	23	21	18	895	877	2.1	1,170	1,238	-5.5
Mississippi	71	74	67	2,545	2,188	16.3	2,935	2,805	4.6
Missouri	3	3	3	74	119	-37.9	113	161	-29.8
Montana	564	551	476	19,808	19,329	2.5	26,840	27,936	-3.9
New Mexico	196	184	211	6,834	7,953	-14.1	9,102	11,442	-20.5
North Dakota	600	584	502	20,646	19,685	4.9	27,334	26,882	1.7
Ohio	60	60	64	2,001	2,758	-27.4	2,821	4,437	-36.4
Oklahoma	.	.	.	.	1	-100.0	.	49	.
Pennsylvania Total	856	847	674	33,136	26,095	27.0	43,280	38,919	11.2
Anthracite (PA)	47	45	46	1,566	1,784	-12.2	2,148	2,573	-16.5
Bituminous (PA)	810	802	628	31,570	24,311	29.9	41,131	36,346	13.2
Tennessee	.	.	.	.	92	-100.0	.	206	.
Texas	417	412	391	12,839	14,620	-12.2	17,851	20,149	-11.4
Utah	299	293	252	9,976	9,815	1.6	13,291	13,084	1.6
Virginia	211	203	161	7,750	7,079	9.5	10,477	9,996	4.8
West Virginia Total	1,635	1,599	1,269	58,851	49,233	19.5	76,833	70,974	8.3
Northern (WV)	1,000	981	730	34,498	26,366	30.8	45,205	37,702	19.9
Southern (WV)	635	619	539	24,353	22,866	6.5	31,627	33,272	-4.9
Wyoming	5,023	4,951	4,302	171,540	160,085	7.2	229,451	230,614	-0.5
Appalachian Total	3,230	3,159	2,560	118,220	101,508	16.5	155,201	147,083	5.5
Interior Total	2,053	2,045	1,748	72,574	67,648	7.3	95,428	95,963	-0.6
Western Total	6,937	6,811	5,948	237,407	224,912	5.6	317,604	321,221	-1.1
East of Mississippi River	4,857	4,785	3,909	177,691	153,827	15.5	232,388	221,760	4.8
West of Mississippi River	7,362	7,231	6,346	250,510	240,241	4.3	335,845	342,507	-1.9
Bituminous and Lignite	12,173	11,970	10,210	426,634	392,284	8.8	566,085	561,694	0.8
Anthracite	47	45	46	1,566	1,784	-12.2	2,148	2,573	-16.5
U.S. Total	12,219	12,015	10,256	428,200	394,068	8.7	568,233	564,267	0.7
Railroad Cars Loaded	70,002	68,820	58,220	2,437,157	2,196,030	11.0	3,258,921	3,174,182	2.7

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 89 No. 39

OUTPUT FOR WEEK ENDED - Sep 25, 2021

Sep 29, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Sep 25, 2021** was **75,786** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended September 25		52 Weeks Ended September 25	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,206	13.5	116,244	1.1
Mid-Atlantic	7,896	15.6	417,566	0.7
Central Industrial	11,530	7.6	647,747	1.6
West Central	6,202	4.3	332,599	3.0
Southeast	18,319	8.5	1,010,834	2.2
South Central	15,681	15.2	772,705	2.0
Rocky Mountain	5,701	-4.6	294,021	2.4
Pacific Northwest	2,547	4.0	157,867	1.6
Pacific Southwest	5,704	1.7	269,387	1.6
Total United States	75,786	8.3	4,018,970	1.9

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Sep 04	84,565	Sep 05	84,215	0.4	Sep 04	4,002,386	0.9
Sep 11	80,448	Sep 12	77,474	3.8	Sep 11	4,005,360	1.1
Sep 18	81,776	Sep 19	73,986	10.5	Sep 18	4,013,149	1.5
Sep 25	75,786	Sep 26	69,966	8.3	Sep 25	4,018,970	1.9
Sep 25	3,085,861	Sep 26	2,990,701	3.2	YEAR TO DATE, FIRST 39 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Sep 04	183	Sep 05	178	Sep 07	183
Sep 11	177	Sep 12	187	Sep 14	200
Sep 18	184	Sep 19	182	Sep 21	195
Sep 25	178	Sep 26	178	Sep 28	198

* 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		
	25-Sep	26-Sep	% Increase Over Corresponding Week	25-Sep	26-Sep	% Increase Over Corresponding Week	25-Sep	26-Sep	% Increase Over Corresponding Week
	2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output	
New England	2,206	1,944	13.5%	88,614	86,676	2.2%	116,244	115,011	1.1%
Mid-Atlantic	7,896	6,832	15.6%	322,339	313,449	2.8%	417,566	414,517	0.7%
Central Industrial	11,530	10,713	7.6%	499,405	482,365	3.5%	647,747	637,717	1.6%
West Central	6,202	5,945	4.3%	255,472	243,876	4.8%	332,599	322,974	3.0%
Southeast	18,319	16,878	8.5%	776,348	750,432	3.5%	1,010,834	989,373	2.2%
South Central	15,681	13,618	15.1%	596,852	581,006	2.7%	772,705	757,294	2.0%
Rocky Mountain	5,701	5,979	-4.6%	223,742	216,802	3.2%	294,021	287,085	2.4%
Pacific Northwest	2,547	2,450	4.0%	118,632	114,568	3.5%	157,867	155,324	1.6%
Pacific Southwest	5,704	5,607	1.7%	204,461	201,528	1.5%	269,387	265,190	1.6%
Total United States ^{1/}	75,786	69,966	8.3%	3,085,865	2,990,702	3.2%	4,018,970	3,944,485	1.9%
Coal Regions Only ^{2/}	65,329	59,965	8.9%	2,674,158	2,587,930	3.3%	3,475,472	3,408,960	2.0%

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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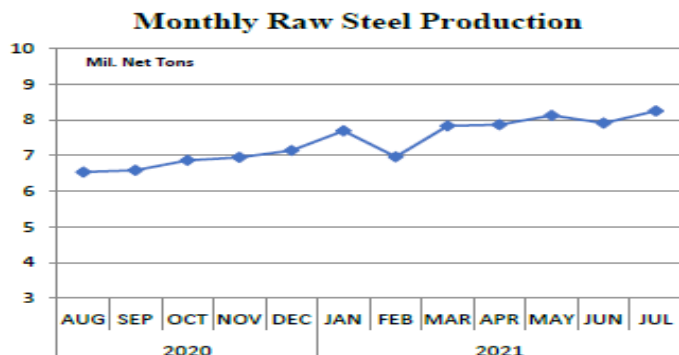
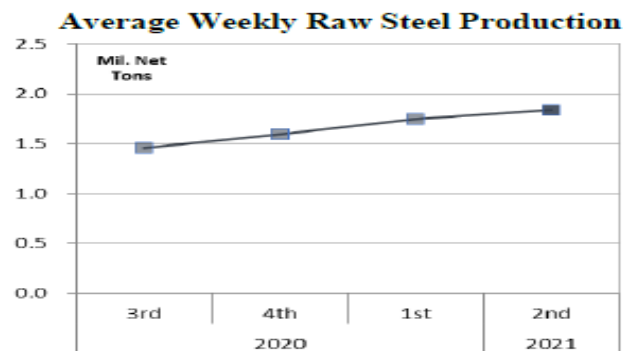
September 27, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

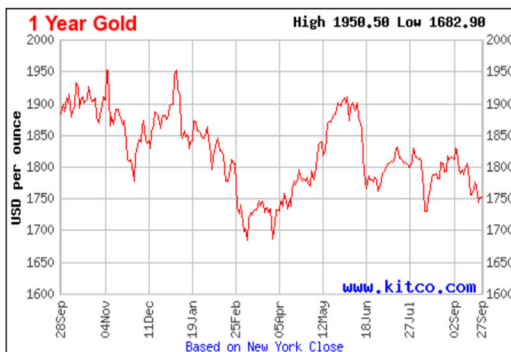
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Sep 25</u>	<u>Week Ending Sep 18</u>	
<u>Week Ending</u>				North East	172	176
				Great Lakes	650	641
September 25, 2021	1,880	0.3	85.2	Midwest	202	205
September 25, 2020	1,537	22.3	68.6	Southern	786	776
September 18, 2021	1,874	-0.4	84.9	Western	70	76
				Total	1,880	1,874
<u>Year-to-Date +</u>						
September 25, 2021	69,540	20.2	81.0			
September 25, 2020	57,841	-	66.8			

*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 38, 2021 – Ended September 25, 2021

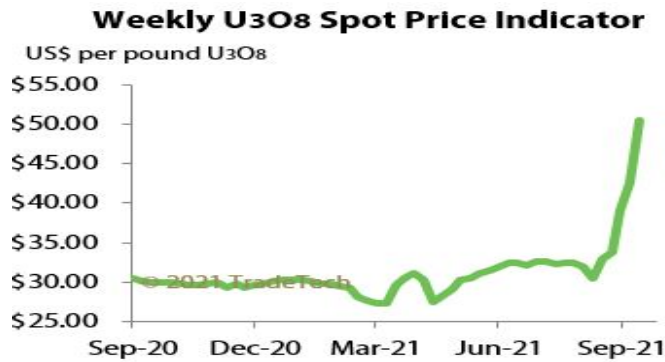
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	239,069	6.6%	8,767,729	230,730	8.0%
Chemicals	32,033	6.4%	1,228,576	32,331	5.6%
Coal	70,002	20.0%	2,422,831	63,759	12.0%
Farm Products excl. Grain, and Food	15,503	-1.1%	593,539	15,619	2.3%
Forest Products	10,210	7.0%	381,421	10,037	8.5%
Grain	21,864	-12.5%	866,822	22,811	8.1%
Metallic Ores and Metals	24,120	22.4%	861,681	22,676	27.7%
Motor Vehicles and Parts	11,563	-29.2%	490,878	12,918	5.6%
Nonmetallic Minerals	34,083	13.7%	1,143,343	30,088	0.3%
Petroleum and Petroleum Products	10,444	-0.6%	404,034	10,632	-3.6%
Other	9,247	1.3%	374,604	9,858	3.9%
Total Intermodal Units	272,644	-7.3%	10,538,169	277,320	10.4%
Total Traffic	511,713	-1.3%	19,305,898	508,050	9.3%

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.

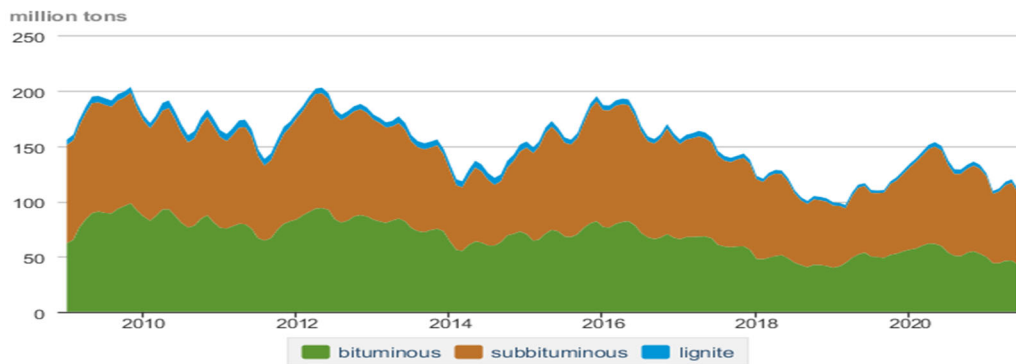
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

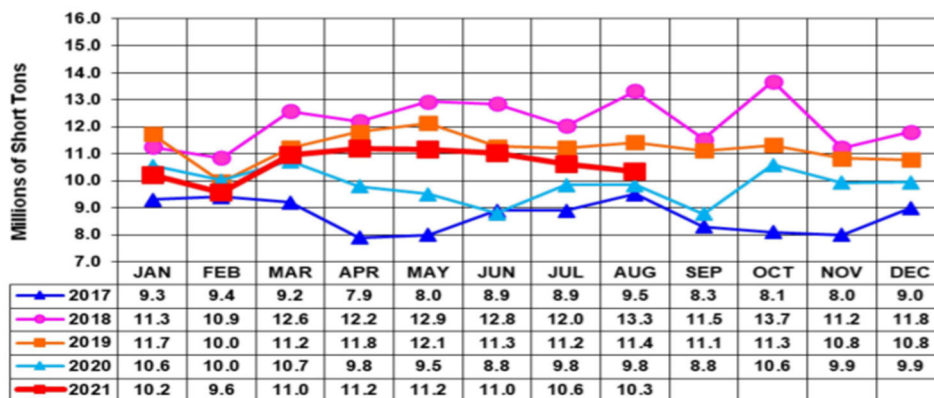
Coal stocks by type, January 2009 - June 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



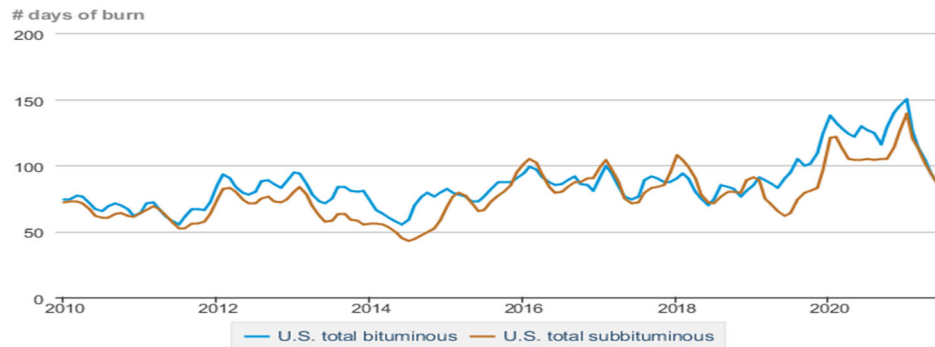
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	08/27/21	09/03/21	09/10/21	09/17/21	09/24/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$63.85	\$65.80	\$65.80	\$71.05	\$71.05	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$56.75	\$58.85	\$58.85	\$60.65	\$60.65	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.25	\$35.90	\$35.90	\$36.25	\$36.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.90	\$13.35	\$13.35	\$13.35	\$13.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.50	\$30.25	\$30.25	\$30.25	\$30.25	\$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 - June 2021



Source: U.S. Energy Information Administration

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

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	7	-18	-17	19	14	3
Middle Atlantic	3	-14	-10	34	19	13
E N Central	8	-14	-18	34	18	22
W N Central	9	-19	-44	44	22	35
South Atlantic	1	-3	-2	73	9	-9
E S Central	2	-2	2	58	5	-24
W S Central	0	-2	-4	86	0	9
Mountain	5	-27	-39	62	20	32
Pacific	5	-5	3	44	12	8
United States	5	-11	-13	52	13	9

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

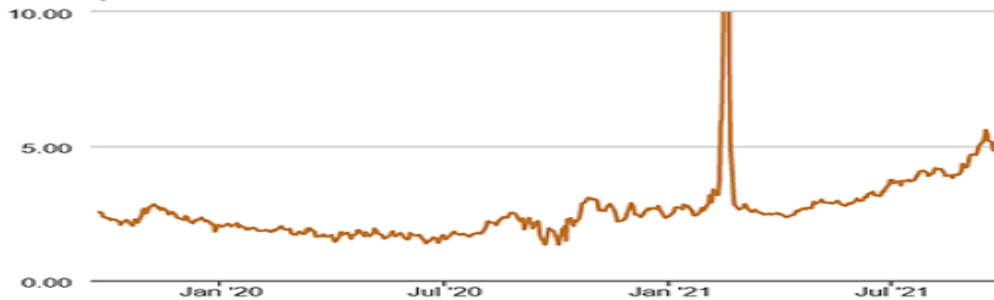
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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	June 2021		June 2020		% Change of Stocks	May 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,627	365	3,857	278	-31.9%	2,887	365	-9.0%
	Subbituminous	-	-	162	232	-	-	-	-
South	Bituminous	14,613	65	25,928	120	-43.6%	16,232	77	-10.0%
	Subbituminous	4,931	54	7,789	82	-36.7%	5,610	65	-12.1%
Midwest	Bituminous	11,080	96	14,156	117	-21.7%	11,299	98	-1.9%
	Subbituminous	23,351	106	30,931	126	-24.5%	26,193	117	-10.9%
West	Bituminous	2,770	134	4,059	166	-31.8%	2,948	146	-6.0%
	Subbituminous	21,523	82	29,670	93	-27.5%	22,434	86	-4.1%
U.S. Total	Bituminous	31,090	86	48,000	130	-35.2%	33,366	94	-6.8%
	Subbituminous	49,805	85	68,550	104	-27.3%	54,237	94	-8.2%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

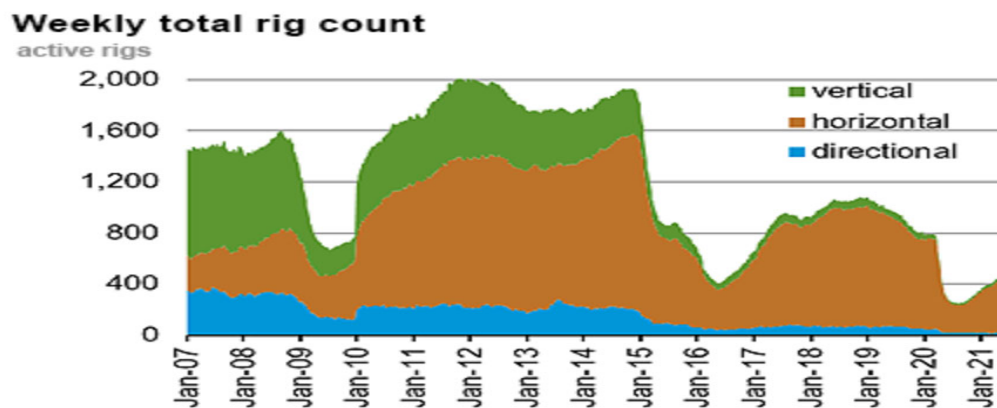
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-09-17	2021-09-10	change
East	751	732	19
Midwest	904	876	28
Mountain	196	193	3
Pacific	240	240	0
South Central	990	965	25
Total	3,082	3,006	76

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					
	September 2021	October 2021	change	September 2021	October 2021	change	September 2021	October 2021	change
Anadarko	955	898	(57)	5,145	4,836	(309)			
Appalachia	186	187	1	30,121	30,127	6			
Bakken	2,378	2,250	(128)	3,329	3,150	(179)			
Eagle Ford	2,360	2,362	2	8,416	8,458	42			
Haynesville	19	19	-	11,647	11,764	117			
Niobrara	1,806	1,734	(72)	4,949	4,751	(198)			
Permian	1,228	1,223	(5)	2,258	2,246	(12)			
Rig-weighted average	1,150	1,159	9	6,702	6,614	(88)			

Source: Energy Information Administration, *Drilling Productivity Report*