
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

September 3, 2021 Edition
(Data for Week Ending August 28, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 35
Dated 09/03/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/28/21	08/29/20	% Chng	08/28/21	08/28/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,072	11,084	8.9%	389,994	351,822	10.8%
52 Weeks Ended	572,166	577,110	-0.9%			
AAR Coal Rail Cars Loaded:	68,330	62,919	8.6%	2,161,465	1,954,623	10.6%
Coal Production Month Ended - July	July 21/20		% Chng	Jan - July 21/20		% Chng
	50,334	43,217	16.5%	342,967	308,633	11.1%
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		
	08/28/21	08/29/20	% Chng	08/28/21	08/29/20	% Chng
EEl Electric Total Output (Mil. Kwh)	93,467	90,683	3.1%	2,763,287	2,685,060	2.9%
EEl Coal Region Output (Mil. Kwh)	82,142	79,060	3.9%	2,394,593	2,324,128	3.0%
AISI Raw Steel Output (000 Tons)	1,873	1,476	26.9%	62,046	51,719	20.0%

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)	
	08/27/21	08/20/21	% Chng	Wed.	08/25/21
Central App, 12,500 Btu, 1.2 SO ₂	\$63.85	\$63.85	0.0%	Henry Hub	4.01
Northern App, 13,000 Btu, < 3.0 SO ₂	56.75	56.75	0.0%	New York	3.99
Illinois Basin, 11,800, 5.0 SO ₂	35.25	35.25	0.0%	Chicago	3.95
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.90	11.90	0.0%	Cal.Comp.Avg.	5.08
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.50	29.50	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		
	8/28/2021 (week 35)	8/21/2021 (week 34)	8/29/2020 (week 35)	8/28/2021	8/28/2020	% Change	8/28/2021	8/29/2020	% Change
Alabama	281	266	237	9,465	8,361	13.2	13,225	12,477	6.0
Alaska	26	25	19	871	664	31.1	1,225	985	24.4
Arizona	187	.
Colorado	228	216	202	7,249	6,540	10.9	10,718	10,505	2.0
Illinois	746	681	621	26,309	21,069	24.9	36,928	34,048	8.5
Indiana	391	355	404	13,106	13,580	-3.5	19,416	23,134	-16.1
Kentucky Total	542	497	529	16,966	15,673	8.2	25,440	26,264	-3.1
Eastern (KY)	172	161	168	5,751	5,471	5.1	8,563	9,361	-8.5
Western (KY)	370	336	361	11,215	10,202	9.9	16,878	16,903	-0.1
Louisiana	6	6	5	244	569	-57.0	352	1,049	-66.4
Maryland	22	21	19	842	804	4.7	1,190	1,277	-6.8
Mississippi	87	63	73	2,562	1,911	34.1	3,229	2,748	17.5
Missouri	3	3	3	92	107	-13.9	143	164	-12.8
Montana	526	502	514	17,722	17,368	2.0	26,709	29,187	-8.5
New Mexico	199	201	228	6,781	7,083	-4.3	9,918	11,613	-14.6
North Dakota	649	608	543	21,299	17,615	20.9	30,052	26,891	11.8
Ohio	59	54	69	2,026	2,494	-18.7	3,110	4,727	-34.2
Oklahoma	.	.	.	1	1	-6.7	1	67	-98.5
Pennsylvania Total	806	779	728	27,431	23,318	17.6	40,343	39,604	1.9
Anthracite (PA)	51	49	50	1,544	1,595	-3.2	2,316	2,577	-10.1
Bituminous (PA)	755	730	679	25,886	21,724	19.2	38,028	37,027	2.7
Tennessee	.	.	.	93	92	0.8	93	250	-62.8
Texas	453	412	422	13,001	13,010	-0.1	19,619	20,485	-4.2
Utah	334	306	272	10,307	8,778	17.4	14,657	13,005	12.7
Virginia	194	195	174	6,847	6,416	6.7	10,235	10,338	-1.0
West Virginia Total	1,575	1,490	1,372	51,779	44,005	17.7	74,976	72,744	3.1
Northern (WV)	991	945	789	30,931	23,359	32.4	44,638	38,099	17.2
Southern (WV)	584	545	583	20,849	20,646	1.0	30,338	34,645	-12.4
Wyoming	4,947	4,623	4,649	154,999	142,365	8.9	230,586	235,363	-2.0
Appalachian Total	3,109	2,965	2,767	104,235	90,961	14.6	151,735	150,776	0.6
Interior Total	2,055	1,855	1,889	66,530	60,448	10.1	96,566	98,599	-2.1
Western Total	6,908	6,482	6,428	219,229	200,412	9.4	323,864	327,735	-1.2
East of Mississippi River	4,702	4,400	4,225	157,427	137,723	14.3	228,187	227,610	0.3
West of Mississippi River	7,369	6,903	6,859	232,567	214,099	8.6	343,979	349,500	-1.6
Bituminous and Lignite	12,021	11,254	11,034	388,449	350,227	10.9	569,850	574,534	-0.8
Anthracite	51	49	50	1,544	1,595	-3.2	2,316	2,577	-10.1
U.S. Total	12,072	11,303	11,084	389,994	351,822	10.8	572,166	577,110	-0.9
Railroad Cars Loaded	68,330	63,979	62,919	2,161,465	1,954,623	10.6	3,224,025	3,251,532	-0.8

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 89 No. 35

OUTPUT FOR WEEK ENDED - Aug 28, 2021

Sep 01, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 28, 2021** was **93,467** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **196** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 28		52 Weeks Ended August 28	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,856	15.0	115,586	0.5
Mid-Atlantic	10,341	5.9	414,984	-0.2
Central Industrial	15,364	4.9	643,821	0.3
West Central	7,826	-0.7	330,282	1.6
Southeast	23,103	4.8	1,009,259	1.3
South Central	18,854	6.7	768,353	0.5
Rocky Mountain	6,654	-5.4	293,011	2.0
Pacific Northwest	2,546	-1.0	157,556	1.3
Pacific Southwest	5,923	-9.8	269,184	1.4
Total United States	93,467	3.1	4,002,036	0.9

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Aug 07	86,013	Aug 08	85,979	0.0	Aug 07	3,994,157	0.8
Aug 14	93,435	Aug 15	91,497	2.1	Aug 14	3,996,096	0.9
Aug 21	89,556	Aug 22	86,400	3.7	Aug 21	3,999,252	1.0
Aug 28	93,467	Aug 29	90,683	3.1	Aug 28	4,002,036	0.9
Aug 28	2,763,287	Aug 29	2,685,060	2.9	YEAR TO DATE, FIRST 35 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Aug 07	169	Aug 08	172	Aug 10	181
Aug 14	192	Aug 15	183	Aug 17	185
Aug 21	187	Aug 22	175	Aug 24	186
Aug 28	196	Aug 29	187	Aug 31	174

* 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		
	28-Aug 2021 GWh Output	29-Aug 2020 GWh Output	% Increase Over Corresponding Week	28-Aug 2021 GWh Output	29-Aug 2020 GWh Output	% Increase Over Corresponding Week	28-Aug 2021 GWh Output	29-Aug 2020 GWh Output	% Increase Over Corresponding Week
New England	2,856	2,484	15.0%	79,552	78,273	1.6%	115,586	115,021	0.5%
Mid-Atlantic	10,341	9,764	5.9%	288,863	282,556	2.2%	414,984	415,809	-0.2%
Central Industrial	15,364	14,652	4.9%	449,608	436,493	3.0%	643,821	641,897	0.3%
West Central	7,826	7,882	-0.7%	229,201	219,922	4.2%	330,282	324,939	1.6%
Southeast	23,103	22,054	4.8%	696,499	672,159	3.6%	1,009,259	996,465	1.3%
South Central	18,854	17,673	6.7%	531,102	519,608	2.2%	768,353	764,628	0.5%
Rocky Mountain	6,654	7,035	-5.4%	199,320	193,390	3.1%	293,011	287,197	2.0%
Pacific Northwest	2,546	2,573	-1.0%	108,369	104,616	3.6%	157,556	155,471	1.3%
Pacific Southwest	5,923	6,566	-9.8%	180,776	178,044	1.5%	269,184	265,527	1.4%
Total United States ^{1/}	<u>93,467</u>	<u>90,683</u>	3.1%	<u>2,763,290</u>	<u>2,685,061</u>	<u>2.9%</u>	<u>4,002,036</u>	<u>3,966,954</u>	0.9%
Coal Regions Only ^{2/}	82,142	79,060	3.9%	2,394,593	2,324,128	3.0%	3,459,710	3,430,935	0.8%

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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August 30, 2021

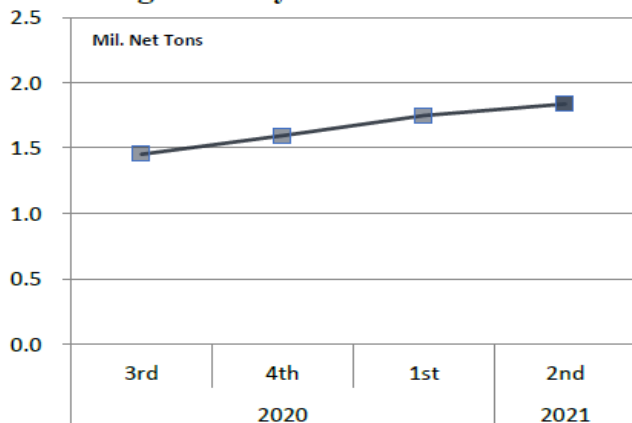
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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 Aug 28</u>	<u>Week Ending Aug 21</u>	
<u>Week Ending</u>				North East	152	149
				Great Lakes	638	636
August 28, 2021	1,873	-0.2	84.9	Midwest	198	201
August 28, 2020	1,476	26.9	65.9	Southern	811	815
August 21, 2021	1,877	0.4	85.0	Western	74	76
				Total	1,873	1,877
<u>Year-to-Date +</u>						
August 28, 2021	62,046	20.0	80.5			
August 28, 2020	51,719	-	66.6			

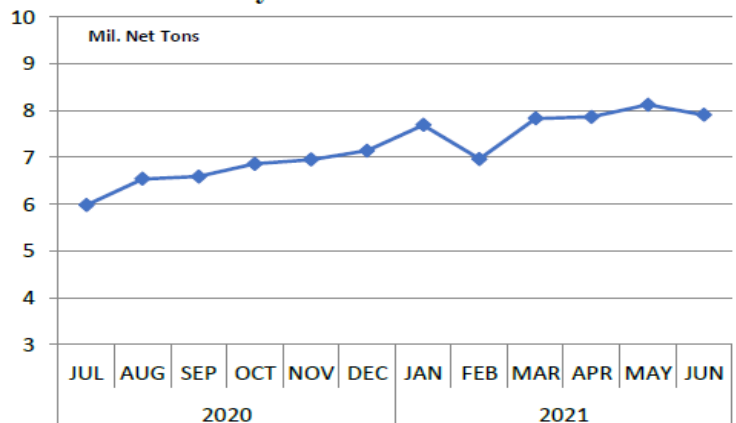
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 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 undertaking a comprehensive review and adjustment of the statistics.

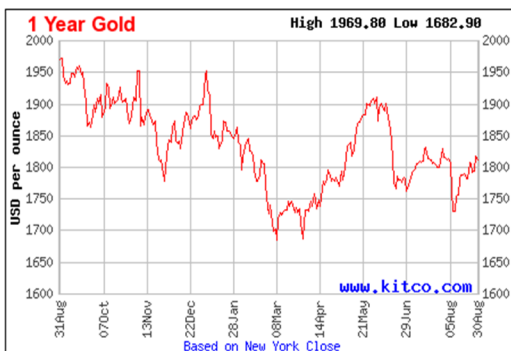
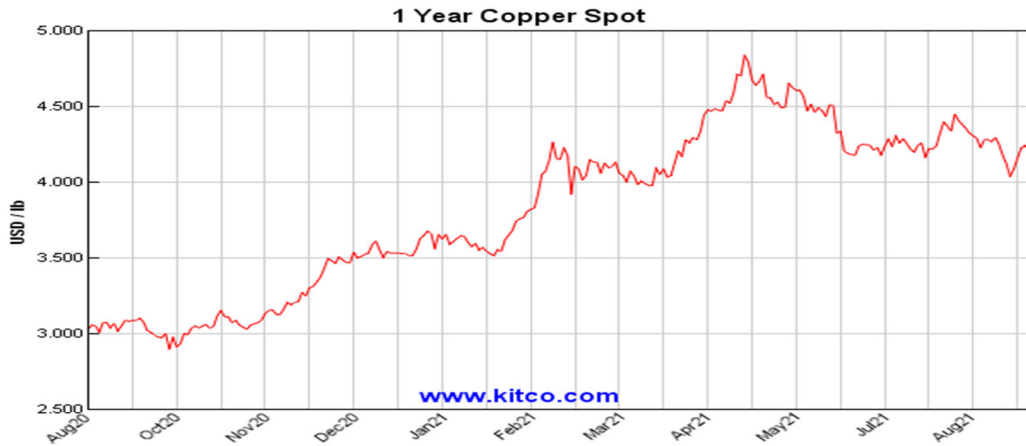
Average Weekly Raw Steel Production



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 34, 2021 – Ended August 28, 2021

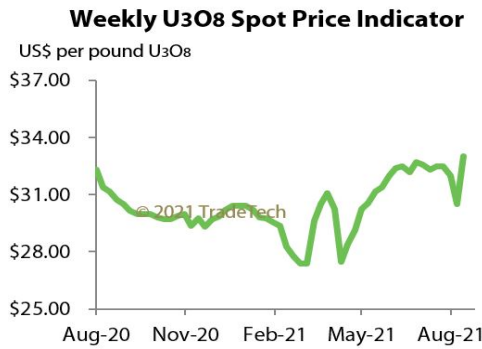
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	234,661	4.1%	7,841,957	230,646	8.4%
Chemicals	32,976	6.6%	1,104,825	32,495	5.9%
Coal	68,330	8.9%	2,147,132	63,151	11.7%
Farm Products excl. Grain, and Food	14,647	-3.2%	532,182	15,652	2.6%
Forest Products	10,256	9.5%	341,010	10,030	8.5%
Grain	17,260	-20.4%	792,097	23,297	11.5%
Metallic Ores and Metals	23,815	21.4%	767,600	22,576	28.0%
Motor Vehicles and Parts	13,302	-19.9%	445,064	13,090	11.4%
Nonmetallic Minerals	33,272	11.5%	1,013,827	29,818	-0.9%
Petroleum and Petroleum Products	10,878	6.4%	363,234	10,683	-3.7%
Other	9,925	6.2%	334,986	9,853	3.7%
Total Intermodal Units	269,756	-4.6%	9,483,581	278,929	12.7%
Total Traffic	504,417	-0.7%	17,325,538	509,575	10.8%

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.

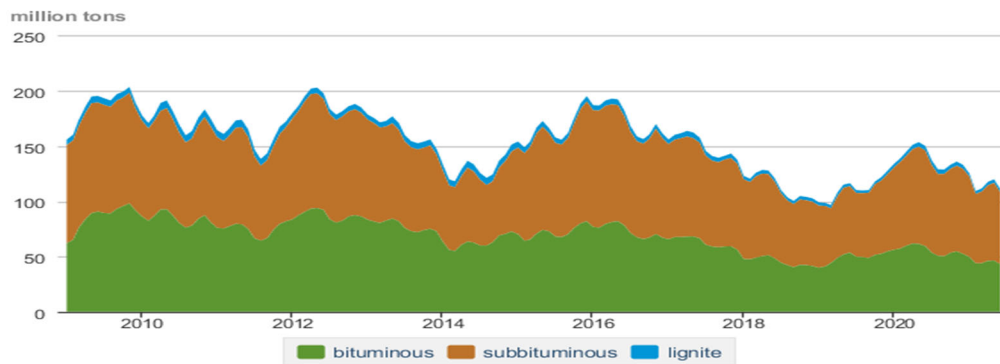
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

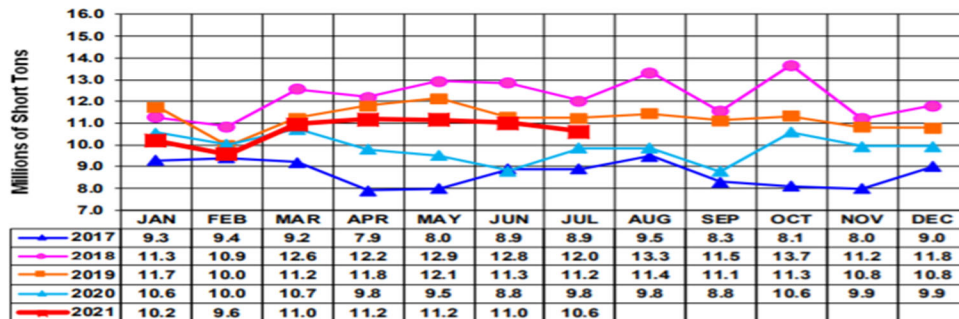
Coal stocks by type, January 2009 - June 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



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.

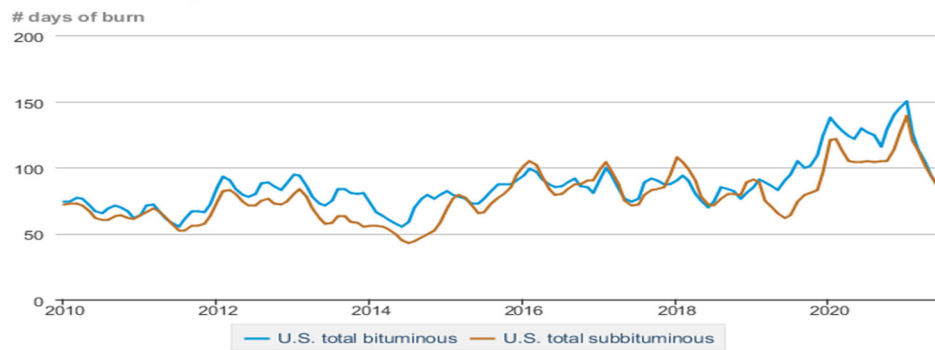
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	07/30/21	08/06/21	08/13/21	08/20/21	08/27/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	\$61.95	\$63.85	\$63.85	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.05	\$55.05	\$55.05	\$56.75	\$56.75	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$35.10	\$35.10	\$35.25	\$35.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.95	\$11.95	\$11.90	\$11.90	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.60	\$29.60	\$30.30	\$29.50	\$29.50	\$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*

Temperature – heating & cooling degree days (week ending Aug 19)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	1	-3	-1	58	25	8
Middle Atlantic	0	-3	0	74	27	13
E N Central	3	-3	2	49	4	-2
W N Central	2	-4	1	63	4	4
South Atlantic	0	0	0	107	18	9
E S Central	0	0	0	95	9	0
W S Central	0	0	0	117	-4	-22
Mountain	3	-4	3	66	-4	-32
Pacific	1	-3	0	62	18	-32
United States	1	-2	1	78	11	-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

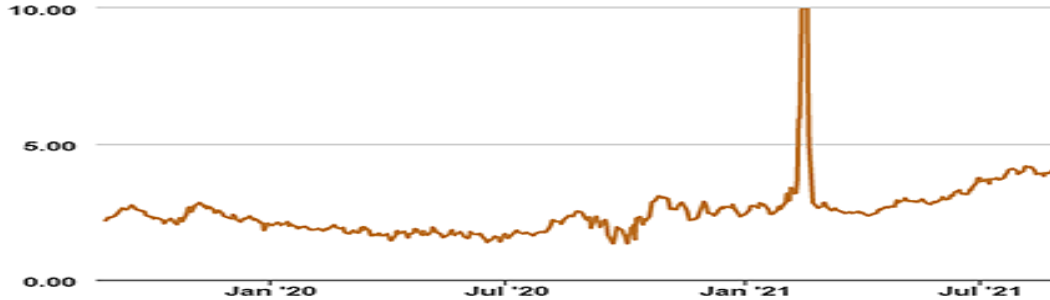
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2021 Year to Date - 1st Quarter	2020 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	211.0	199.0	6%
Cement (Mil. Mt.)	18.1	18.0	1%
Copper (000 Mt.)	297.0	290.0	2%
Gold (Mt.)	43.5	46.6	-7%
Gypsum (Mil. Mt.)	4.6	4.4	5%
Iron Ore (Mil. Mt.)	12.1	11.8	3%
Lead (000 Mt.)	80.2	68.8	17%
Molybdenum (000 Mt.)	12.7	13.1	-3%
Phosphate rock (Mil. Mt.)	5.2	5.7	-9%
Sand & gravel, construction (Mil. Mt.)	178.0	169.0	5%
Silver (Mt.)	264.0	234.0	13%
Soda ash (Mil. Mt.)	3.0	2.9	3%
Stone, crushed (Mil. Mt.)	286.0	288.0	-1%
Zinc (000 Mt.)	163.0	175.0	-7%

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 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

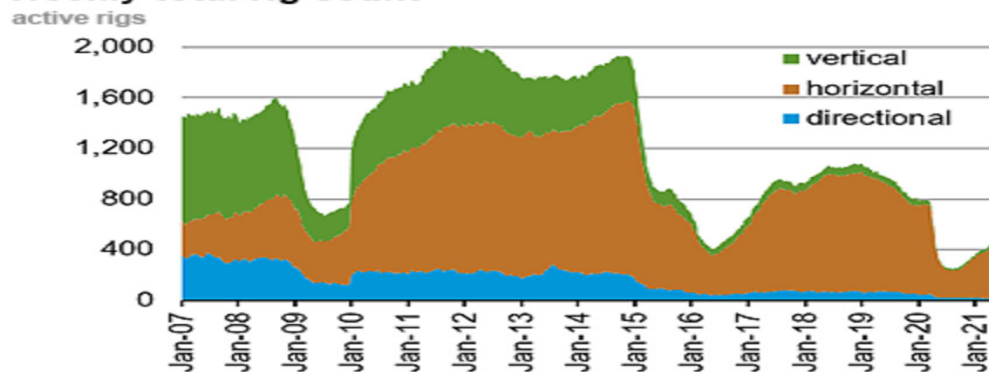
Region	Stocks billion cubic feet (Bcf)		
	2021-08-20	2021-08-13	change
East	661	645	16
Midwest	790	765	25
Mountain	188	188	0
Pacific	241	240	1
South Central	970	984	-14
Total	2,851	2,822	29

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		
	August 2021	September 2021	change	August 2021	September 2021	change
Anadarko	974	955	(19)	5,250	5,145	(105)
Appalachia	186	186	0	29,971	30,121	150
Bakken	2,388	2,378	(10)	3,344	3,329	(15)
Eagle Ford	2,342	2,343	1	8,302	8,426	124
Haynesville	19	19	-	11,500	11,615	115
Niobrara	1,901	1,884	(17)	5,209	5,053	(156)
Permian	1,229	1,224	(5)	2,254	2,243	(11)
Rig-weighted average	1,139	1,150	11	6,715	6,697	(18)

Source: Energy Information Administration, *Drilling Productivity Report*