
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

August 6, 2021 Edition
(Data for Week Ending July 31, 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. 31
Dated 08/06/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/31/21	08/01/20	% Chng	07/31/21	07/31/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,122	10,474	6.2%	342,967	308,633	11.1%
52 Weeks Ended	568,406	591,378	-3.9%			
AAR Coal Rail Cars Loaded:	62,965	59,458	5.9%	1,895,264	1,709,455	10.9%
DOC Coal Trade (000 Tons)						
Exports:						
	June 21/20		% Chng	Jan - June 21/20		% Chng
Metallurgical	4,254	2,575	65.2%	22,038	20,673	6.6%
Steam Bit. *	3,565	2,000	78.3%	20,598	13,970	47.4%
Lignite	7	7	0.0%	41	47	-12.8%
Anthracite	13	2	550.0%	189	94	101.1%
Total	7,839	4,584	71.0%	42,866	34,784	23.2%
Imports:						
	509	284	79.2%	2,605	2,485	4.8%
EEI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	07/31/21	08/01/20	% Chng	07/31/21	08/01/20	% Chng
EEI Coal Region Output (Mil. Kwh)	93,196	91,602	1.7%	2,400,815	2,330,501	3.0%
EEI Coal Region Output (Mil. Kwh)	81,397	79,588	2.3%	2,078,918	2,016,898	3.1%
AISI Raw Steel Output (000 Tons)	1,876	1,350	39.0%	54,555	45,814	19.1%

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)	
	07/30/21	07/23/21	% Chng	Wed.	07/28/21
Central App, 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	0.0%	Henry Hub	4.05
Northern App, 13,000 Btu, < 3.0 SO ₂	55.05	55.05	0.0%	New York	3.12
Illinois Basin, 11,800, 5.0 SO ₂	35.10	35.10	0.0%	Chicago	3.86
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.95	11.95	0.0%	Cal.Comp.Avg.	5.41
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.60	29.60	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. / 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		
	7/31/2021 (week 31)	7/24/2021 (week 30)	8/1/2020 (week 31)	7/31/2021	7/31/2020	% Change	7/31/2021	8/1/2020	% Change
Alabama	261	281	224	8,358	7,437	12.4	13,043	12,629	3.3
Alaska	25	25	18	769	591	30.1	1,196	986	21.3
Arizona	.	.	.	.	.	.	.	371	.
Colorado	213	222	191	6,356	5,751	10.5	10,615	10,769	-1.4
Illinois	670	715	586	23,426	18,651	25.6	36,468	35,299	3.3
Indiana	349	375	382	11,597	12,007	-3.4	19,483	23,974	-18.7
Kentucky Total	490	509	500	14,878	13,613	9.3	25,417	27,019	-5.9
Eastern (KY)	158	166	159	5,082	4,818	5.5	8,548	9,787	-12.7
Western (KY)	331	344	341	9,797	8,795	11.4	16,869	17,232	-2.1
Louisiana	6	6	5	222	548	-59.5	350	1,177	-70.3
Maryland	21	22	18	757	730	3.7	1,179	1,319	-10.6
Mississippi	62	79	69	2,248	1,627	38.2	3,200	2,694	18.8
Missouri	3	3	3	80	95	-15.8	143	167	-14.4
Montana	494	510	486	15,661	15,363	1.9	26,656	30,534	-12.7
New Mexico	197	202	216	5,982	6,193	-3.4	10,010	11,809	-15.2
North Dakota	598	632	513	18,765	15,499	21.1	29,638	26,941	10.0
Ohio	53	57	65	1,797	2,224	-19.2	3,151	5,035	-37.4
Oklahoma	.	.	.	1	1	-6.7	1	86	-98.8
Pennsylvania Total	766	773	688	24,272	20,480	18.5	40,028	40,375	-0.9
Anthracite (PA)	48	50	47	1,344	1,401	-4.1	2,309	2,584	-10.6
Bituminous (PA)	718	723	641	22,928	19,079	20.2	37,719	37,790	-0.2
Tennessee	.	.	.	93	92	0.8	93	297	-68.7
Texas	405	435	399	11,251	11,363	-1.0	19,518	20,868	-6.5
Utah	302	322	257	9,013	7,718	16.8	14,425	12,942	11.5
Virginia	192	192	164	6,073	5,739	5.8	10,140	10,709	-5.3
West Virginia Total	1,466	1,527	1,296	45,620	38,660	18.0	74,172	74,698	-0.7
Northern (WV)	930	959	746	27,051	20,284	33.4	43,838	38,573	13.6
Southern (WV)	536	569	550	18,570	18,376	1.1	30,333	36,124	-16.0
Wyoming	4,550	4,761	4,393	135,748	124,250	9.3	229,482	240,681	-4.7
Appalachian Total	2,918	3,017	2,615	92,051	80,180	14.8	150,353	154,848	-2.9
Interior Total	1,826	1,956	1,785	58,621	53,087	10.4	96,031	101,498	-5.4
Western Total	6,379	6,675	6,074	192,295	175,366	9.7	322,022	335,033	-3.9
East of Mississippi River	4,330	4,529	3,993	139,119	121,260	14.7	226,373	234,047	-3.3
West of Mississippi River	6,792	7,119	6,481	203,848	187,373	8.8	342,034	357,331	-4.3
Bituminous and Lignite	11,074	11,597	10,427	341,623	307,232	11.2	566,098	588,794	-3.9
Anthracite	48	50	47	1,344	1,401	-4.1	2,309	2,584	-10.6
U.S. Total	11,122	11,647	10,474	342,967	308,633	11.1	568,406	591,378	-3.9
Railroad Cars Loaded	62,965	65,945	59,458	1,895,264	1,709,455	10.9	3,203,442	3,336,648	-4.0

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 31

OUTPUT FOR WEEK ENDED - Jul 31, 2021

Aug 04, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 31, 2021** was **93,196** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **181** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 31		52 Weeks Ended July 31	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,407	-21.4	115,159	0.5
Mid-Atlantic	9,408	-12.3	414,116	-0.2
Central Industrial	14,656	0.9	640,718	0.0
West Central	7,800	5.3	328,623	1.4
Southeast	23,704	3.2	1,006,529	1.0
South Central	19,147	12.0	767,156	0.0
Rocky Mountain	6,682	-2.8	294,123	2.8
Pacific Northwest	3,051	2.7	157,198	1.1
Pacific Southwest	6,341	6.1	270,502	2.3
Total United States	93,196	1.7	3,994,124	0.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Jul 10	87,567	Jul 11	91,869	-4.7	Jul 10	3,997,897	0.9
Jul 17	89,602	Jul 18	91,822	-2.4	Jul 17	3,995,676	0.9
Jul 24	89,781	Jul 25	92,928	-3.4	Jul 24	3,992,529	0.7
Jul 31	93,196	Aug 01	91,602	1.7	Jul 31	3,994,124	0.7
Jul 31	2,400,815	Aug 01	2,330,501	3.0	YEAR TO DATE, FIRST 31 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Jul 10	172	Jul 11	186	Jul 13	192
Jul 17	169	Jul 18	178	Jul 20	187
Jul 24	171	Jul 25	182	Jul 27	176
Jul 31	181	Aug 01	182	Aug 03	181

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

Copyright © 2021 Edison Electric Institute. All rights reserved.

**EEl WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	31-Jul 2021 GWh Output	1-Aug 2020 GWh Output	% Increase Over Corresponding Week	31-Jul 2021 GWh Output	1-Aug 2020 GWh Output	% Increase Over Corresponding Week	31-Jul 2021 GWh Output	1-Aug 2020 GWh Output	% Increase Over Corresponding Week
New England	2,407	3,064	-21.4%	68,750	67,899	1.3%	115,159	114,582	0.5%
Mid-Atlantic	9,408	10,723	-12.3%	249,917	244,478	2.2%	414,116	414,925	-0.2%
Central Industrial	14,656	14,525	0.9%	392,104	382,092	2.6%	640,718	640,986	0.0%
West Central	7,800	7,404	5.3%	199,247	191,627	4.0%	328,623	324,056	1.4%
Southeast	23,704	22,973	3.2%	607,298	585,688	3.7%	1,006,529	996,987	1.0%
South Central	19,147	17,088	12.0%	457,638	447,340	2.3%	767,156	767,055	0.0%
Rocky Mountain	6,682	6,875	-2.8%	172,714	165,673	4.2%	294,123	286,181	2.8%
Pacific Northwest	3,051	2,971	2.7%	97,102	93,706	3.6%	157,198	155,457	1.1%
Pacific Southwest	6,341	5,979	6.1%	156,049	151,999	2.7%	270,502	264,486	2.3%
Total United States^{1/}	<u>93,196</u>	<u>91,602</u>	1.7%	<u>2,400,819</u>	<u>2,330,502</u>	3.0%	<u>3,994,124</u>	<u>3,964,715</u>	0.7%
Coal Regions Only^{2/}	81,397	79,588	2.3%	2,078,918	2,016,898	3.1%	3,451,265	3,430,190	0.6%

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 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 (EEI), *Weekly Electric Output Report*.

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

August 2, 2021

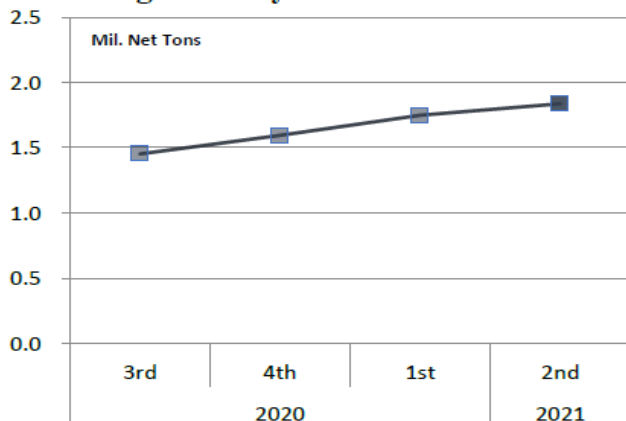
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 July 31</u>	<u>Week Ending July 24</u>	
<u>Week Ending</u>				North East	156	149
				Great Lakes	632	642
July 31, 2021	1,876	0.4	85.0	Midwest	199	200
July 31, 2020	1,350	39.0	60.3	Southern	815	802
July 24, 2021	1,868	0.5	84.6	Western	74	75
				Total	1,876	1,868
<u>Year-to-Date +</u>						
July 31, 2021	54,555	19.1	80.0			
July 31, 2020	45,814	-	66.7			

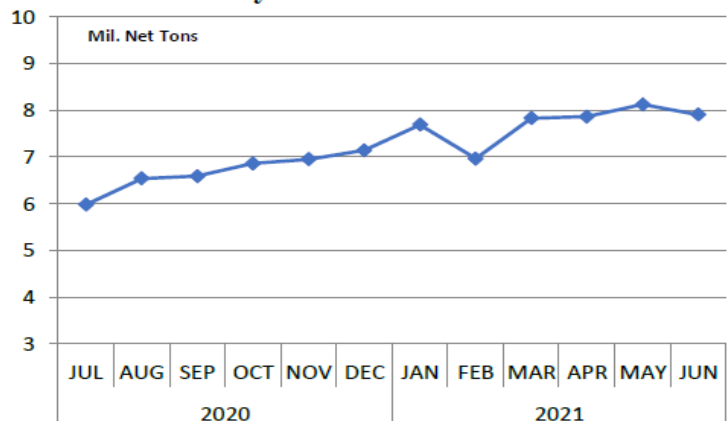
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Capability for the third quarter 2021 is approximately 29.3 million net tons. Given the large number of changes to steelmaking capability and the evolving market, AISI is undertaking a comprehensive review of the statistics.

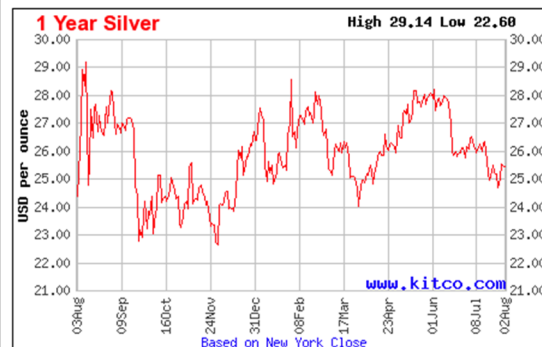
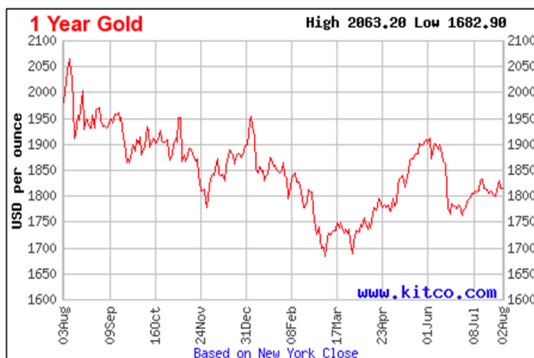
Average Weekly Raw Steel Production



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 30, 2021 – Ended July 31, 2021

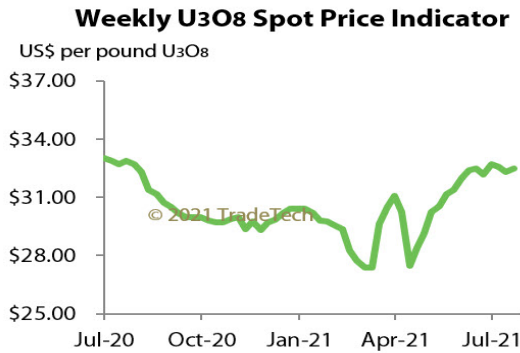
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	228,975	5.2%	6,907,195	230,240	9.1%
Chemicals	32,971	5.4%	972,870	32,429	5.9%
Coal	62,965	6.0%	1,880,931	62,698	12.1%
Farm Products excl. Grain, and Food	14,928	-4.2%	472,121	15,737	3.4%
Forest Products	10,159	4.3%	301,204	10,040	8.7%
Grain	18,231	-13.9%	719,061	23,969	15.7%
Metallic Ores and Metals	24,684	49.6%	672,392	22,413	27.8%
Motor Vehicles and Parts	12,372	-22.7%	391,046	13,035	16.8%
Nonmetallic Minerals	32,356	9.4%	881,085	29,370	-2.3%
Petroleum and Petroleum Products	10,289	2.4%	321,546	10,718	-3.8%
Other	10,020	20.4%	294,939	9,831	3.4%
Total Intermodal Units	273,565	1.2%	8,398,236	279,941	15.2%
Total Traffic	502,540	3.0%	15,305,431	510,181	12.4%

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.

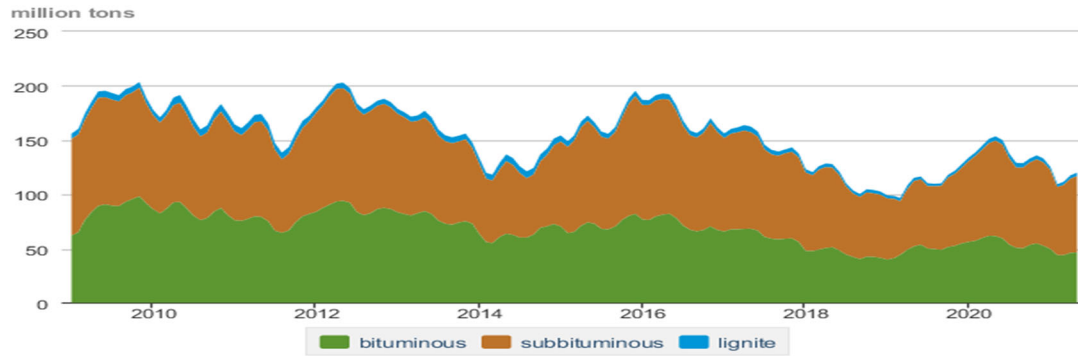
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

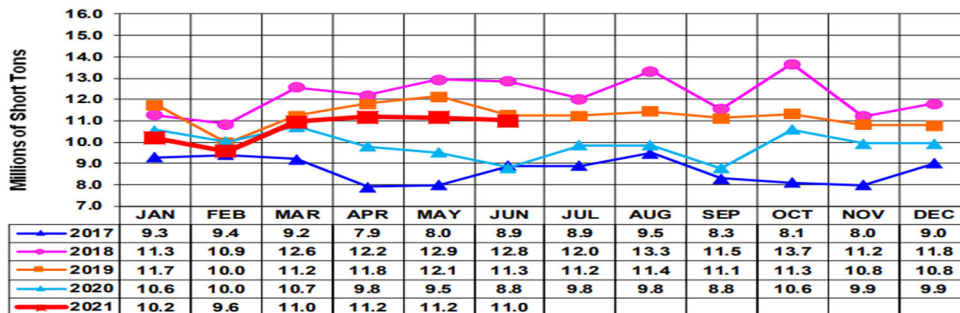
Coal stocks by type, January 2009 - May 2021



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.

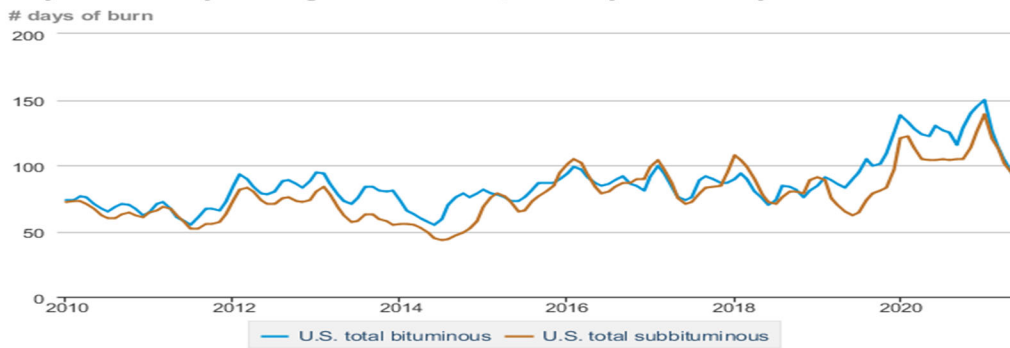
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	07/02/21	07/09/21	07/16/21	07/23/21	07/30/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.10	\$63.45	\$61.95	\$61.95	\$61.95	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$53.40	\$56.95	\$55.05	\$55.05	\$55.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$34.50	\$35.10	\$35.10	\$35.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.70	\$11.95	\$11.95	\$11.95	\$11.95	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.70	\$30.10	\$29.60	\$29.60	\$29.60	\$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 - May 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 22)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-1	-1	54	10	-6
Middle Atlantic	1	-1	1	68	9	-20
E N Central	1	-1	1	47	-11	-32
W N Central	0	-3	-1	62	-10	-12
South Atlantic	0	0	0	99	1	-23
E S Central	0	0	0	86	-9	-32
W S Central	0	0	0	111	-14	-25
Mountain	0	-4	0	88	9	-5
Pacific	1	-3	1	62	18	12
United States	1	-1	0	76	1	-17

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

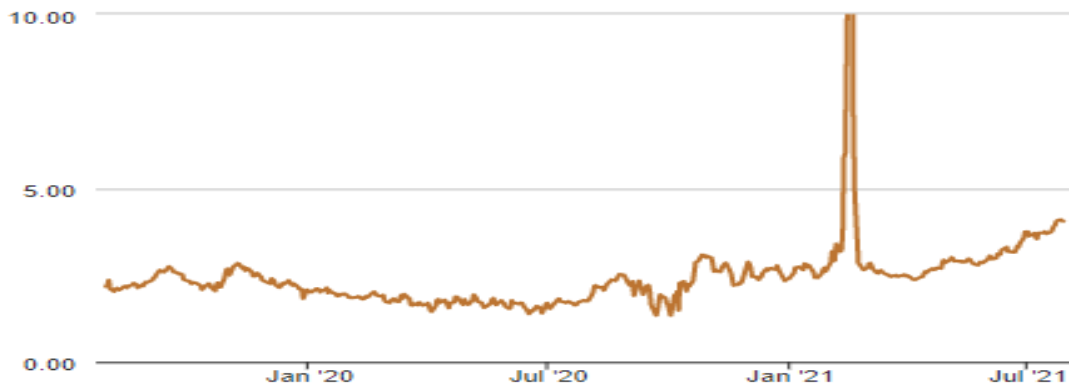
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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: 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	May 2021		May 2020		% Change of Stocks	April 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,887	365	3,895	282	-25.9%	2,720	365	6.2%
	Subbituminous	.	.	162	253	.	.	.	.
South	Bituminous	16,232	77	26,367	112	-38.4%	16,908	91	-4.0%
	Subbituminous	5,610	65	8,398	88	-33.2%	5,740	77	-2.3%
Midwest	Bituminous	11,299	98	14,036	112	-19.5%	10,949	104	3.2%
	Subbituminous	26,193	117	31,408	122	-16.6%	25,087	118	4.4%
West	Bituminous	2,948	146	3,950	165	-25.4%	2,801	144	5.3%
	Subbituminous	22,434	86	29,864	94	-24.9%	21,662	93	3.6%
U.S. Total	Bituminous	33,366	94	48,248	122	-30.8%	33,376	104	-0.0%
	Subbituminous	54,237	94	69,833	104	-22.3%	52,489	101	3.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

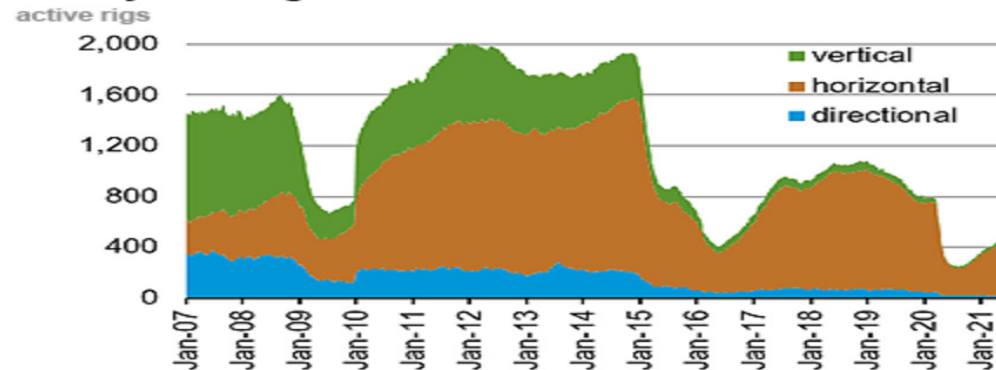
Region	Stocks billion cubic feet (Bcf)		
	2021-07-23	2021-07-16	change
East	583	562	21
Midwest	702	683	19
Mountain	184	183	1
Pacific	246	247	-1
South Central	999	1,002	-3
Total	2,714	2,678	36

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		
	July 2021	August 2021	change	July 2021	August 2021	change
Anadarko	993	974	(19)	5,356	5,249	(107)
Appalachia	185	186	1	29,240	29,971	731
Bakken	2,400	2,388	(12)	3,192	3,176	(16)
Eagle Ford	2,336	2,338	2	8,145	8,267	122
Haynesville	19	19	-	11,560	11,571	11
Niobrara	1,919	1,902	(17)	5,370	5,209	(161)
Permian	1,234	1,229	(5)	2,231	2,220	(11)
Rig-weighted average	1,131	1,139	8	6,843	6,695	(148)

Source: Energy Information Administration, *Drilling Productivity Report*