
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

July 23, 2021 Edition
(Data for Week Ending July 17, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 29
Dated 07/23/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/17/21	07/18/20	% Chng	07/17/21	07/17/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,218	9,900	23.4%	320,197	288,057	11.2%
52 Weeks Ended	566,287	599,420	-5.5%			
AAR Coal Rail Cars Loaded:	69,186	56,202	23.1%	1,766,354	1,592,652	10.9%
DOC Coal Trade (000 Tons)						
Exports:						
	May 21/20		% Chng	Jan - May 21/20		% Chng
Metallurgical	3,722	2,983	24.8%	17,784	18,097	-1.7%
Steam Bit. *	3,721	1,696	119.4%	17,032	11,970	42.3%
Lignite	7	6	16.7%	34	40	-15.0%
Anthracite	40	37	8.1%	176	92	91.3%
Total	7,490	4,722	58.6%	35,026	30,199	16.0%
Imports:						
	512	498	2.8%	2,097	2,201	-4.7%
EEI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	07/17/21	07/18/20		07/17/21	07/18/20	
EEI Coal Region Output (Mil. Kwh)	89,602	91,822	-2.4%	2,217,838	2,145,971	3.3%
EEI Coal Region Output (Mil. Kwh)	77,818	80,509	-3.3%	1,919,612	1,855,850	3.4%
AISI Raw Steel Output (000 Tons)	1,859	1,350	37.7%	50,787	43,114	17.8%

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)	
	07/16/21	07/09/21	% Chng	Wed.	07/14/21
Central App, 12,500 Btu, 1.2 SO ₂	\$61.95	\$63.45	-2.4%	Henry Hub	3.75
Northern App, 13,000 Btu, < 3.0 SO ₂	55.05	56.95	-3.3%	New York	3.63
Illinois Basin, 11,800, 5.0 SO ₂	35.10	34.50	1.7%	Chicago	3.56
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.95	11.95	0.0%	Cal.Comp.Avg.	4.70
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.60	30.10	-1.7%		

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



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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									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	7/17/2021 (week 29)	7/10/2021 (week 28)	7/18/2020 (week 29)	7/17/2021	7/17/2020	% Change	7/17/2021	7/18/2020	% Change
Alabama	285	243	212	7,816	6,997	11.7	12,942	12,725	1.7
Alaska	26	23	17	719	557	29.1	1,181	988	19.5
Arizona	462	.
Colorado	230	197	181	5,922	5,397	9.7	10,557	10,939	-3.5
Illinois	755	622	554	22,042	17,499	26.0	36,240	35,975	0.7
Indiana	395	324	361	10,873	11,257	-3.4	19,511	24,426	-20.1
Kentucky Total	549	455	473	13,880	12,711	9.2	25,413	27,520	-7.7
Eastern (KY)	174	147	151	4,758	4,586	3.7	8,546	10,094	-15.3
Western (KY)	375	307	322	9,122	8,125	12.3	16,867	17,426	-3.2
Louisiana	6	5	5	211	538	-60.8	348	1,242	-72.0
Maryland	22	19	17	714	694	2.9	1,172	1,342	-12.7
Mississippi	88	57	65	2,108	1,492	41.3	3,195	2,673	19.5
Missouri	3	3	3	74	89	-17.0	143	169	-15.4
Montana	532	459	459	14,657	14,408	1.7	26,610	31,249	-14.8
New Mexico	201	183	204	5,583	5,769	-3.2	10,036	11,926	-15.8
North Dakota	656	555	485	17,535	14,491	21.0	29,419	27,011	8.9
Ohio	60	49	62	1,687	2,096	-19.5	3,170	5,194	-39.0
Oklahoma	.	.	.	1	1	-6.7	1	96	-99.0
Pennsylvania Total	816	711	651	22,732	19,128	18.8	39,845	40,820	-2.4
Anthracite (PA)	52	44	44	1,245	1,309	-4.9	2,303	2,592	-11.1
Bituminous (PA)	764	667	606	21,487	17,819	20.6	37,543	38,228	-1.8
Tennessee	.	.	.	93	92	0.8	93	320	-70.9
Texas	458	376	377	10,410	10,579	-1.6	19,464	21,094	-7.7
Utah	338	280	243	8,389	7,213	16.3	14,308	12,933	10.6
Virginia	197	178	155	5,690	5,416	5.0	10,080	10,908	-7.6
West Virginia Total	1,594	1,360	1,224	42,627	36,013	18.4	73,724	75,686	-2.6
Northern (WV)	1,003	863	705	25,162	18,819	33.7	43,420	38,876	11.7
Southern (WV)	591	497	519	17,465	17,194	1.6	30,304	36,810	-17.7
Wyoming	5,007	4,222	4,153	126,438	115,620	9.4	228,834	243,721	-6.1
Appalachian Total	3,148	2,708	2,472	86,116	75,021	14.8	149,573	157,088	-4.8
Interior Total	2,079	1,694	1,687	54,840	49,580	10.6	95,769	103,101	-7.1
Western Total	6,991	5,919	5,742	179,242	163,456	9.7	320,945	339,230	-5.4
East of Mississippi River	4,760	4,018	3,774	130,261	113,395	14.9	225,386	237,588	-5.1
West of Mississippi River	7,458	6,303	6,126	189,937	174,663	8.7	340,901	361,831	-5.8
Bituminous and Lignite	12,166	10,276	9,856	318,952	286,748	11.2	563,984	596,827	-5.5
Anthracite	52	44	44	1,245	1,309	-4.9	2,303	2,592	-11.1
U.S. Total	12,218	10,320	9,900	320,197	288,057	11.2	566,287	599,420	-5.5
Railroad Cars Loaded	69,186	58,469	56,202	1,766,354	1,592,652	10.9	3,191,759	3,384,352	-5.7

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 29

OUTPUT FOR WEEK ENDED - Jul 17, 2021

Jul 21, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 17, 2021** was **89,602** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **169** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 17		52 Weeks Ended July 17	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,588	1.6	116,281	1.9
Mid-Atlantic	10,286	6.1	417,025	0.8
Central Industrial	13,713	-5.3	641,394	0.3
West Central	7,033	-7.0	328,106	1.4
Southeast	22,473	-2.2	1,007,250	1.3
South Central	17,455	-8.4	765,253	-0.2
Rocky Mountain	6,858	1.6	293,979	2.6
Pacific Northwest	2,880	6.6	157,118	1.2
Pacific Southwest	6,316	4.1	269,271	1.3
Total United States	89,602	-2.4	3,995,676	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)
Jun 26	85,364	Jun 27	83,572	2.1	Jun 26	4,000,527	1.0
Jul 03	89,212	Jul 04	87,540	1.9	Jul 03	4,002,199	1.0
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 17	2,217,838	Jul 18	2,145,971	3.3	YEAR TO DATE, FIRST 29 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Jun 26	175	Jun 27	174	Jun 29	188
Jul 03	180	Jul 04	182	Jul 06	195
Jul 10	172	Jul 11	186	Jul 13	192
Jul 17	169	Jul 18	178	Jul 20	187

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	17-Jul 2021 GWh Output	18-Jul 2020 GWh Output	% Increase Over Corresponding Week	17-Jul 2021 GWh Output	18-Jul 2020 GWh Output	% Increase Over Corresponding Week	17-Jul 2021 GWh Output	18-Jul 2020 GWh Output	% Increase Over Corresponding Week
New England	2,588	2,548	1.6%	63,877	61,904	3.2%	116,281	114,147	1.9%
Mid-Atlantic	10,286	9,692	6.1%	231,307	222,959	3.7%	417,025	413,855	0.8%
Central Industrial	13,713	14,484	-5.3%	363,409	352,721	3.0%	641,394	639,691	0.3%
West Central	7,033	7,562	-7.0%	183,764	176,661	4.0%	328,106	323,448	1.4%
Southeast	22,473	22,967	-2.2%	561,501	539,170	4.1%	1,007,250	994,112	1.3%
South Central	17,455	19,051	-8.4%	420,641	412,246	2.0%	765,253	767,142	-0.2%
Rocky Mountain	6,858	6,753	1.6%	158,990	152,093	4.5%	293,979	286,563	2.6%
Pacific Northwest	2,880	2,700	6.7%	91,152	87,837	3.8%	157,118	155,305	1.2%
Pacific Southwest	6,316	6,065	4.1%	143,201	140,381	2.0%	269,271	265,815	1.3%
Total United States ^{1/}	<u>89,602</u>	<u>91,822</u>	-2.4%	<u>2,217,842</u>	<u>2,145,972</u>	3.3%	<u>3,995,676</u>	<u>3,960,078</u>	0.9%
Coal Regions Only ^{2/}	77,818	80,509	-3.3%	1,919,612	1,855,850	3.4%	3,453,006	3,424,811	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 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*.

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July 19, 2021

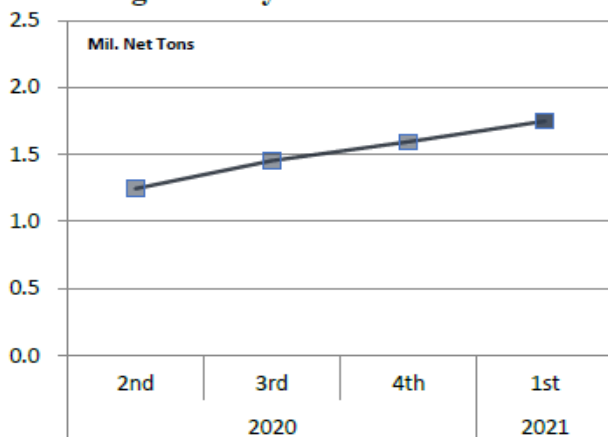
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

Period	Thousand Net Tons	Percent Change from Previous Period	Percent Capability Utilization**	Production by District	
				Week Ending	
				July 17	July 10
<u>Week Ending</u>				North East	139
July 17, 2021	1,859	0.4	84.1	Great Lakes	642
July 17, 2020	1,350	37.7	60.3	Midwest	191
July 10, 2021	1,852	0.5	83.6	Southern	804
				Western	76
				Total	1,852
<u>Year-to-Date +</u>					
July 17, 2021	50,787	17.8	79.6		
July 17, 2020	43,114	-	66.7		

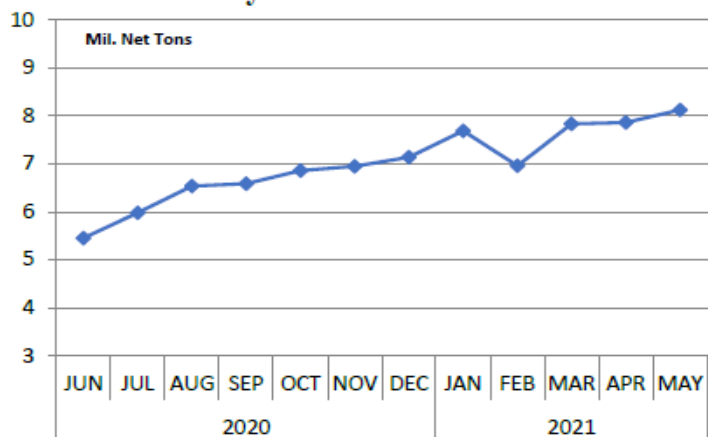
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

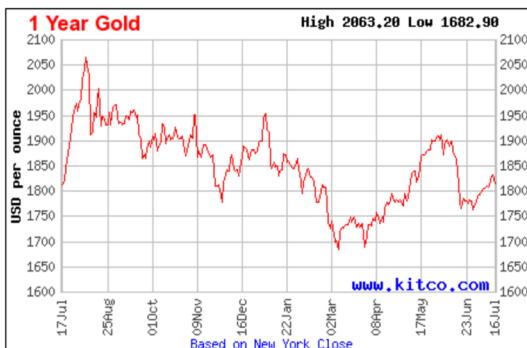
Average Weekly Raw Steel Production



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 28, 2021 – Ended July 17, 2021

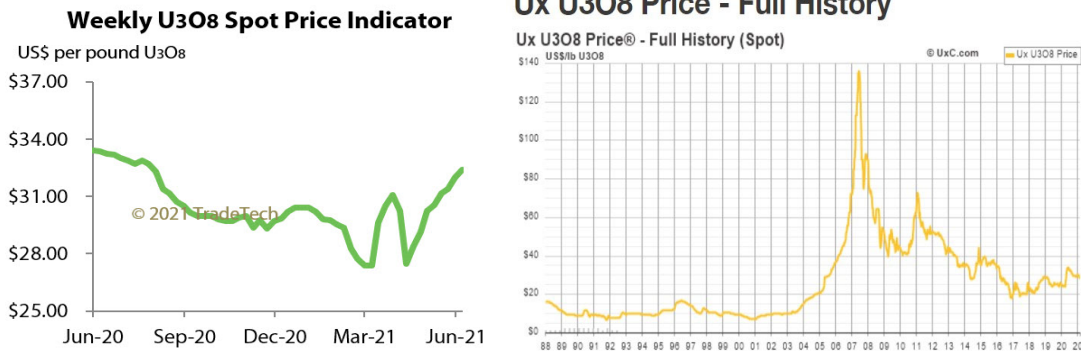
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	235,303	9.7%	6,448,125	230,290	9.3%
Chemicals	32,784	9.3%	908,161	32,434	5.9%
Coal	69,186	23.3%	1,752,021	62,572	12.3%
Farm Products excl. Grain, and Food	15,593	-1.1%	442,514	15,804	4.2%
Forest Products	9,717	11.9%	281,310	10,047	8.9%
Grain	20,964	-6.2%	680,067	24,288	17.2%
Metallic Ores and Metals	22,975	45.7%	624,584	22,307	26.4%
Motor Vehicles and Parts	12,049	-12.7%	367,909	13,140	21.2%
Nonmetallic Minerals	30,804	-0.6%	815,614	29,129	-3.0%
Petroleum and Petroleum Products	10,518	1.7%	300,727	10,740	-4.1%
Other	10,713	-0.6%	275,218	9,829	2.7%
Total Intermodal Units	277,952	4.1%	7,851,547	280,412	16.3%
Total Traffic	513,255	6.6%	14,299,672	510,703	13.0%

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.

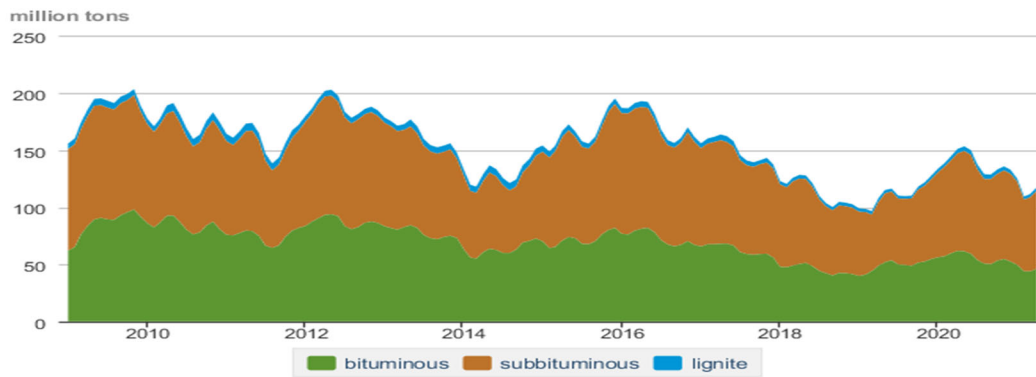
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

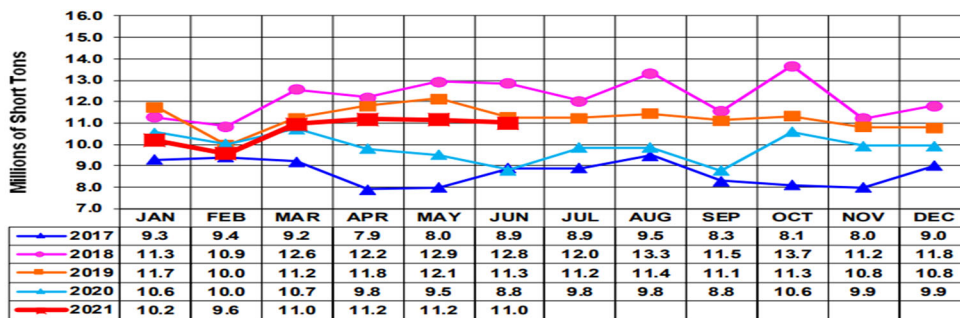
Coal stocks by type, January 2009 - April 2021



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.

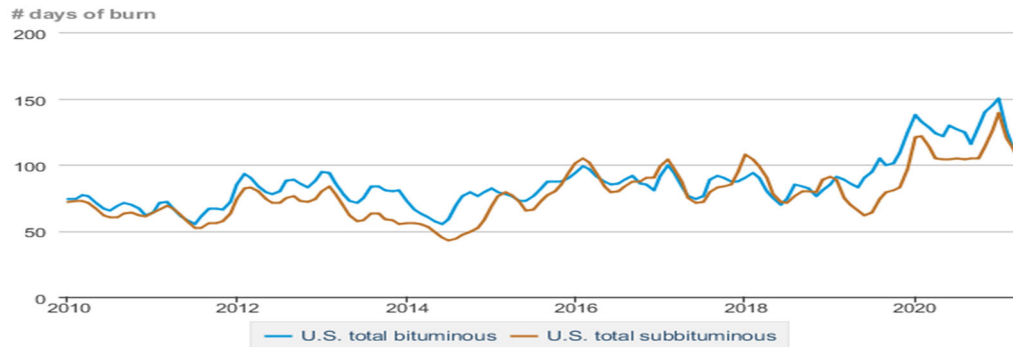
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/18/21	06/25/21	07/02/21	07/09/21	07/16/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.55	\$63.45	\$60.10	\$63.45	\$61.95	\$-1.50
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.25	\$56.95	\$53.40	\$56.95	\$55.05	\$-1.90
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.50	\$34.50	\$35.10	\$34.50	\$35.10	\$0.60
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.00	\$11.95	\$11.70	\$11.95	\$11.95	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.20	\$30.10	\$29.70	\$30.10	\$29.60	\$-0.50

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - April 2021



Source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Jul 08)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	12	10	11	25	-9	-22
Middle Atlantic	2	1	2	58	8	-24
E N Central	4	3	4	61	10	-29
W N Central	2	-1	2	65	0	-25
South Atlantic	0	0	0	86	-7	-21
E S Central	0	0	0	76	-14	-23
W S Central	0	0	0	101	-18	-29
Mountain	0	-8	-2	95	22	23
Pacific	0	-6	-6	59	22	22
United States	2	-1	1	71	2	-15

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 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	April 2021		April 2020		% Change of Stocks	March 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,720	365	4,187	305	-35.0%	2,856	365	-4.8%
	Subbituminous	-	-	162	280	-	-	-	-
South	Bituminous	16,908	91	26,655	116	-36.6%	16,376	104	3.2%
	Subbituminous	5,740	77	7,165	82	-19.9%	5,423	88	5.8%
Midwest	Bituminous	10,949	104	13,685	114	-20.0%	10,406	110	5.2%
	Subbituminous	25,087	118	29,434	119	-14.8%	23,463	124	6.9%
West	Bituminous	2,801	144	3,727	162	-24.9%	2,624	148	6.7%
	Subbituminous	21,662	93	28,987	100	-25.3%	23,399	111	-7.4%
U.S. Total	Bituminous	33,376	104	48,255	124	-30.8%	32,262	114	3.5%
	Subbituminous	52,489	101	65,747	105	-20.2%	52,285	113	0.4%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

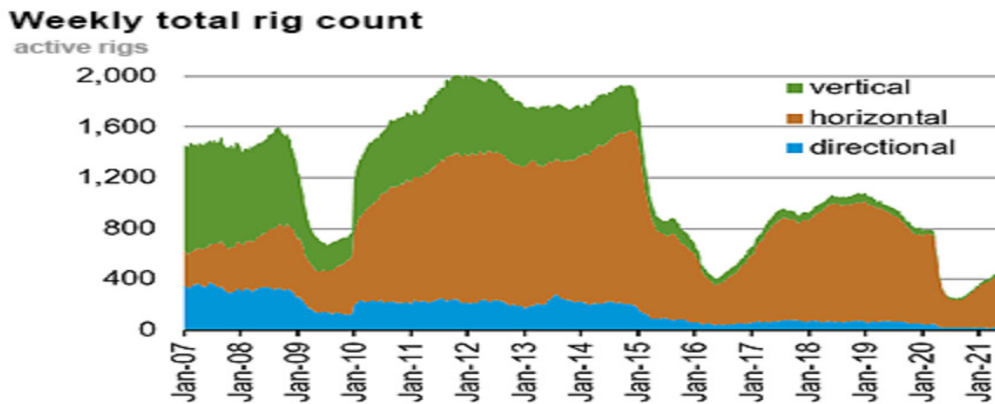
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-07-09	2021-07-02	change
East	543	521	22
Midwest	662	638	24
Mountain	180	177	3
Pacific	250	246	4
South Central	995	991	4
Total	2,629	2,574	55

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

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*