
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

August 27, 2021 Edition
(Data for Week Ending August 21, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 34
Dated 08/27/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/21/21	08/22/20	% Chng	08/21/21	08/21/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,303	11,362	-0.5%	377,922	340,702	10.9%
52 Weeks Ended	571,178	581,102	-1.7%			
AAR Coal Rail Cars Loaded:	63,979	64,500	-0.8%	2,093,135	1,891,501	10.7%
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:	June 21/20			Jan - June 21/20		
			% Chng			% 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%
	Week Ended			Cumulative Week 1 to		
	08/21/21	08/22/20	% Chng	08/21/21	08/22/20	% Chng
EEl Electric Total Output (Mil. Kwh)	89,556	86,400	3.7%	2,669,820	2,594,377	2.9%
EEl Coal Region Output (Mil. Kwh)	78,107	73,898	5.7%	2,312,451	2,245,068	3.0%
AISI Raw Steel Output (000 Tons)	1,877	1,476	27.2%	60,173	50,243	19.8%

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)	
	08/20/21	08/13/21	% Chng	Wed.	08/18/21
Central App, 12,500 Btu, 1.2 SO ₂	\$63.85	\$61.95	3.1%	Henry Hub	3.86
Northern App, 13,000 Btu, < 3.0 SO ₂	56.75	55.05	3.1%	New York	3.83
Illinois Basin, 11,800, 5.0 SO ₂	35.25	35.10	0.4%	Chicago	3.72
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.90	11.95	-0.4%	Cal.Comp.Avg.	4.53
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.50	30.30	-2.6%		

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

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	8/21/2021 (week 34)	8/14/2021 (week 33)	8/22/2020 (week 34)	8/21/2021	8/21/2020	% Change	8/21/2021	8/22/2020	% Change
Alabama	266	285	243	9,184	8,123	13.1	13,181	12,522	5.3
Alaska	25	26	19	845	645	30.9	1,218	985	23.7
Arizona	.	.	.	.	.	.	.	235	.
Colorado	216	226	207	7,021	6,337	10.8	10,692	10,579	1.1
Illinois	681	727	636	25,563	20,447	25.0	36,803	34,390	7.0
Indiana	355	381	414	12,715	13,175	-3.5	19,429	23,364	-16.8
Kentucky Total	497	518	542	16,424	15,143	8.5	25,427	26,474	-4.0
Eastern (KY)	161	168	172	5,579	5,303	5.2	8,559	9,476	-9.7
Western (KY)	336	349	370	10,844	9,840	10.2	16,869	16,997	-0.8
Louisiana	6	6	5	239	563	-57.6	351	1,083	-67.6
Maryland	21	22	20	821	785	4.5	1,187	1,289	-7.9
Mississippi	63	80	75	2,476	1,838	34.7	3,216	2,735	17.6
Missouri	3	3	3	89	104	-14.4	143	165	-13.3
Montana	502	519	527	17,196	16,852	2.0	26,698	29,552	-9.7
New Mexico	201	205	234	6,582	6,854	-4.0	9,947	11,670	-14.8
North Dakota	608	643	557	20,651	17,070	21.0	29,947	26,916	11.3
Ohio	54	58	71	1,967	2,424	-18.9	3,120	4,809	-35.1
Oklahoma	.	.	.	1	1	-6.7	1	72	-98.6
Pennsylvania Total	779	786	747	26,625	22,588	17.9	40,266	39,822	1.1
Anthracite (PA)	49	51	51	1,493	1,545	-3.3	2,314	2,580	-10.3
Bituminous (PA)	730	735	696	25,131	21,043	19.4	37,952	37,243	1.9
Tennessee	.	.	.	93	92	0.8	93	262	-64.5
Texas	412	443	433	12,548	12,586	-0.3	19,588	20,595	-4.9
Utah	306	328	279	9,974	8,505	17.3	14,595	12,994	12.3
Virginia	195	195	178	6,653	6,242	6.6	10,215	10,439	-2.1
West Virginia Total	1,490	1,553	1,406	50,204	42,629	17.8	74,773	73,287	2.0
Northern (WV)	945	975	809	29,940	22,567	32.7	44,436	38,241	16.2
Southern (WV)	545	578	597	20,264	20,062	1.0	30,336	35,046	-13.4
Wyoming	4,623	4,842	4,766	150,052	137,701	9.0	230,287	236,863	-2.8
Appalachian Total	2,965	3,068	2,836	101,125	88,185	14.7	151,393	151,907	-0.3
Interior Total	1,855	1,989	1,936	64,476	58,553	10.1	96,400	99,401	-3.0
Western Total	6,482	6,788	6,589	212,321	193,964	9.5	323,384	329,794	-1.9
East of Mississippi River	4,400	4,606	4,331	152,724	133,484	14.4	227,709	229,393	-0.7
West of Mississippi River	6,903	7,240	7,031	225,198	207,218	8.7	343,468	351,709	-2.3
Bituminous and Lignite	11,254	11,795	11,311	376,429	339,157	11.0	568,864	578,523	-1.7
Anthracite	49	51	51	1,493	1,545	-3.3	2,314	2,580	-10.3
U.S. Total	11,303	11,846	11,362	377,922	340,702	10.9	571,178	581,102	-1.7
Railroad Cars Loaded	63,979	67,054	64,500	2,093,135	1,891,501	10.7	3,218,614	3,275,274	-1.7

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 34

OUTPUT FOR WEEK ENDED - Aug 21, 2021

Aug 25, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 21, 2021** was **89,556** gigawatt-hours (GWh), according to the Edison Electric Institute. This is equivalent to **187** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 21		52 Weeks Ended August 21	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,660	13.4	115,214	0.4
Mid-Atlantic	9,704	11.7	414,407	0.0
Central Industrial	14,084	7.9	643,109	0.6
West Central	7,564	8.7	330,338	2.2
Southeast	22,307	9.9	1,008,210	1.4
South Central	17,914	2.0	767,172	0.3
Rocky Mountain	6,534	-11.0	293,392	2.2
Pacific Northwest	2,716	-4.9	157,583	1.3
Pacific Southwest	6,073	-16.8	269,827	1.6
Total United States	89,556	3.7	3,999,253	1.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Jul 31	93,196	Aug 01	91,602	1.7	Jul 31	3,994,124	0.7
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 21	2,669,820	Aug 22	2,594,377	2.9	YEAR TO DATE, FIRST 34 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Jul 31	181	Aug 01	182	Aug 03	181
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

* 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		
	21-Aug 2021 GWh Output	22-Aug 2020 GWh Output	% Increase Over Corresponding Week	21-Aug 2021 GWh Output	22-Aug 2020 GWh Output	% Increase Over Corresponding Week	21-Aug 2021 GWh Output	22-Aug 2020 GWh Output	% Increase Over Corresponding Week
New England	2,660	2,345	13.4%	76,696	75,789	1.2%	115,214	114,750	0.4%
Mid-Atlantic	9,704	8,687	11.7%	278,522	272,792	2.1%	414,407	414,209	0.0%
Central Industrial	14,084	13,055	7.9%	434,244	421,841	2.9%	643,109	639,340	0.6%
West Central	7,564	6,958	8.7%	221,375	212,040	4.4%	330,338	323,294	2.2%
Southeast	22,307	20,300	9.9%	673,396	650,105	3.6%	1,008,210	994,166	1.4%
South Central	17,914	17,559	2.0%	512,248	501,935	2.1%	767,172	764,797	0.3%
Rocky Mountain	6,534	7,339	-11.0%	192,666	186,355	3.4%	293,392	287,104	2.2%
Pacific Northwest	2,716	2,857	-4.9%	105,823	102,043	3.7%	157,583	155,577	1.3%
Pacific Southwest	6,073	7,300	-16.8%	174,853	171,478	2.0%	269,827	265,530	1.6%
Total United States ^{1/}	<u>89,556</u>	<u>86,400</u>	3.7%	<u>2,669,823</u>	<u>2,594,378</u>	<u>2.9%</u>	<u>3,999,252</u>	<u>3,958,767</u>	1.0%
Coal Regions Only ^{2/}	78,107	73,898	5.7%	2,312,451	2,245,068	3.0%	3,456,628	3,422,910	1.0%

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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August 23, 2021

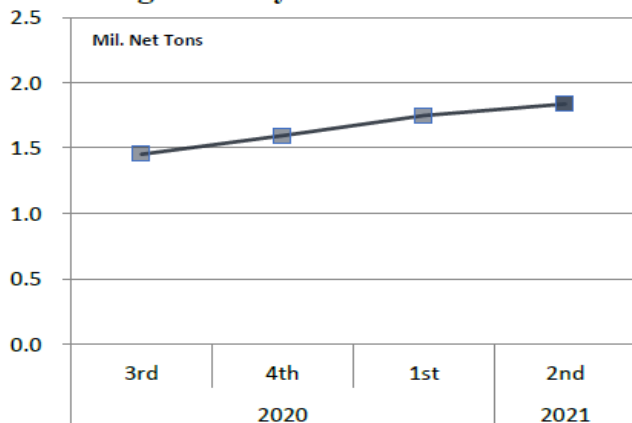
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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 Aug 21</u>	<u>Week Ending Aug 14</u>	
<u>Week Ending</u>				North East	149	157
				Great Lakes	636	638
August 21, 2021	1,877	0.4	85.0	Midwest	201	202
August 21, 2020	1,476	27.2	65.9	Southern	815	799
August 14, 2021	1,869	-0.2	84.7	Western	76	73
				Total	1,877	1,869
<u>Year-to-Date +</u>						
August 21, 2021	60,173	19.8	80.4			
August 21, 2020	50,243	-	66.6			

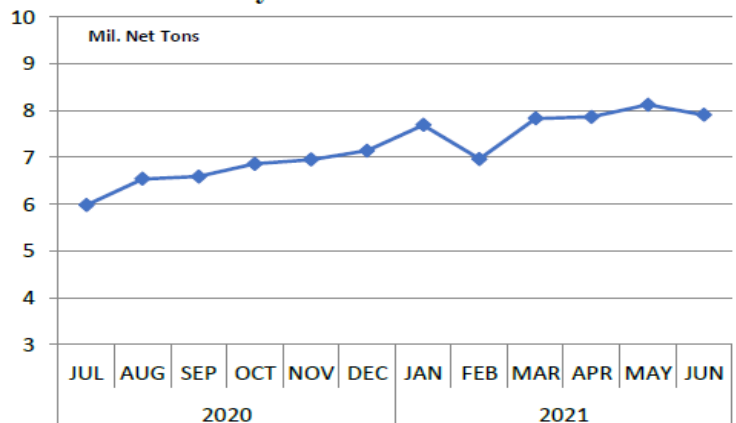
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 29.3 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 33, 2021 – Ended August 21, 2021

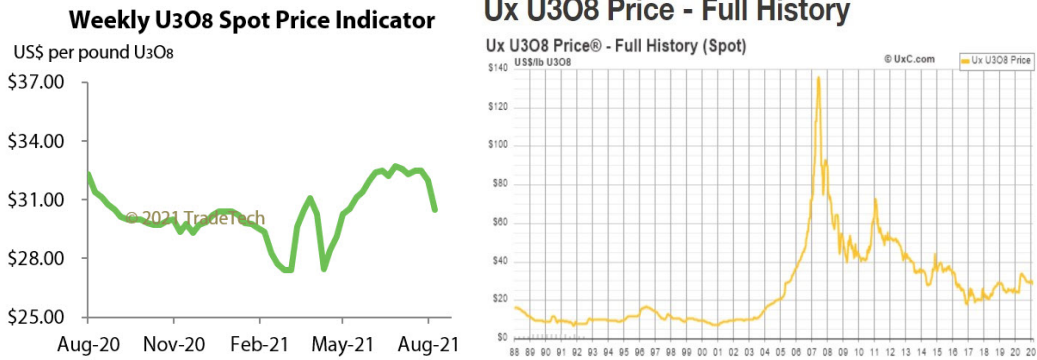
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	230,754	0.4%	7,607,296	230,524	8.6%
Chemicals	32,331	2.9%	1,071,849	32,480	5.9%
Coal	63,979	-0.6%	2,078,802	62,994	11.8%
Farm Products excl. Grain, and Food	14,906	-6.5%	517,535	15,683	2.8%
Forest Products	9,874	3.5%	330,754	10,023	8.5%
Grain	18,098	-19.9%	774,837	23,480	12.5%
Metallic Ores and Metals	23,522	24.0%	743,785	22,539	28.3%
Motor Vehicles and Parts	13,974	-15.2%	431,762	13,084	12.8%
Nonmetallic Minerals	33,109	9.2%	980,555	29,714	-1.3%
Petroleum and Petroleum Products	10,308	-1.9%	352,356	10,677	-4.0%
Other	10,653	10.8%	325,061	9,850	3.6%
Total Intermodal Units	270,519	-5.1%	9,213,825	279,207	13.3%
Total Traffic	501,273	-2.6%	16,821,121	509,731	11.1%

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.

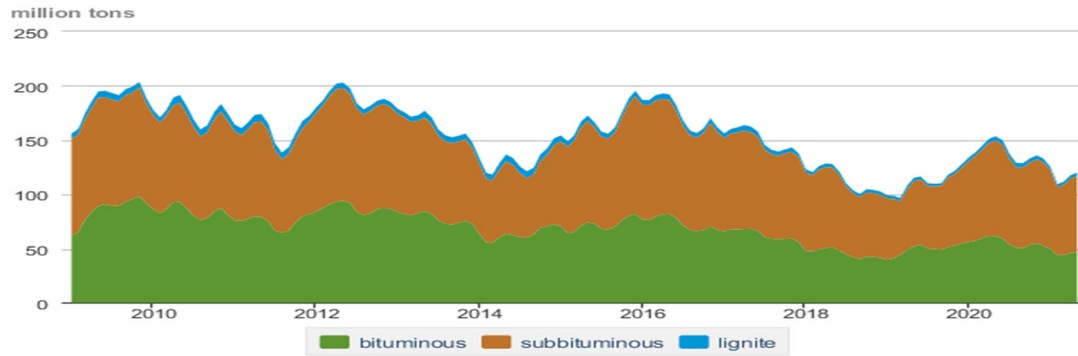
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

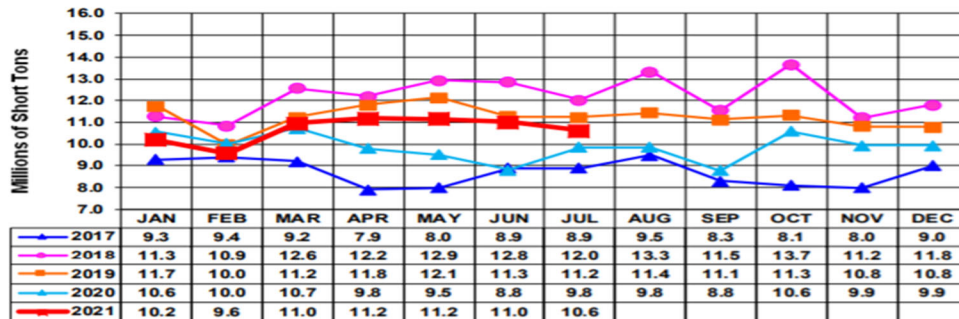
Coal stocks by type, January 2009 - May 2021



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.

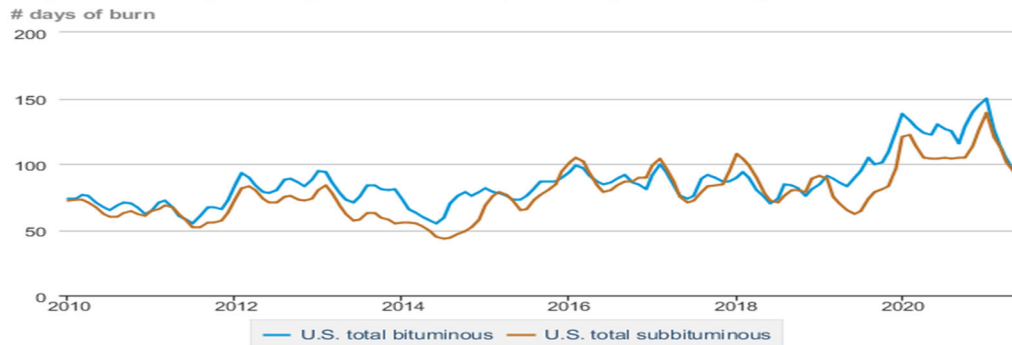
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	07/23/21	07/30/21	08/06/21	08/13/21	08/20/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	\$61.95	\$61.95	\$63.85	\$1.90
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.05	\$55.05	\$55.05	\$55.05	\$56.75	\$1.70
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$35.10	\$35.10	\$35.10	\$35.25	\$0.15
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.95	\$11.95	\$11.95	\$11.90	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.60	\$29.60	\$29.60	\$30.30	\$29.50	\$-0.80

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 Aug 12)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-3	0	68	27	-2
Middle Atlantic	0	-3	0	80	26	10
E N Central	0	-5	-6	81	29	37
W N Central	0	-3	-3	85	20	24
South Atlantic	0	0	0	103	9	-2
E S Central	0	0	0	100	9	8
W S Central	0	0	0	132	9	-2
Mountain	0	-3	0	74	3	-9
Pacific	0	-2	-1	66	20	26
United States	0	-3	-2	89	18	12

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

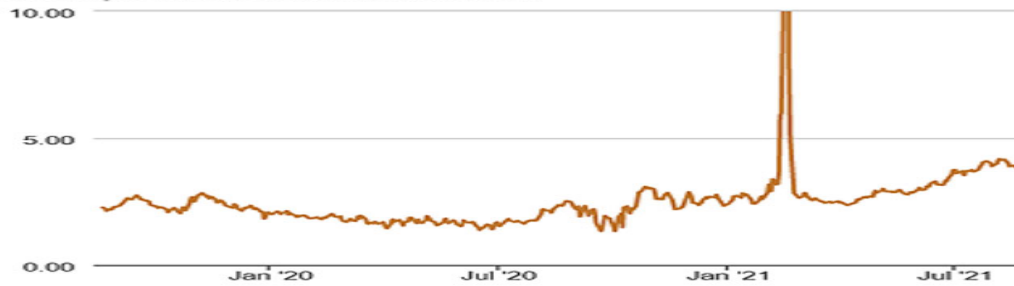
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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 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	May 2021		May 2020		% Change of Stocks	April 2021		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	% Change of Stocks
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*

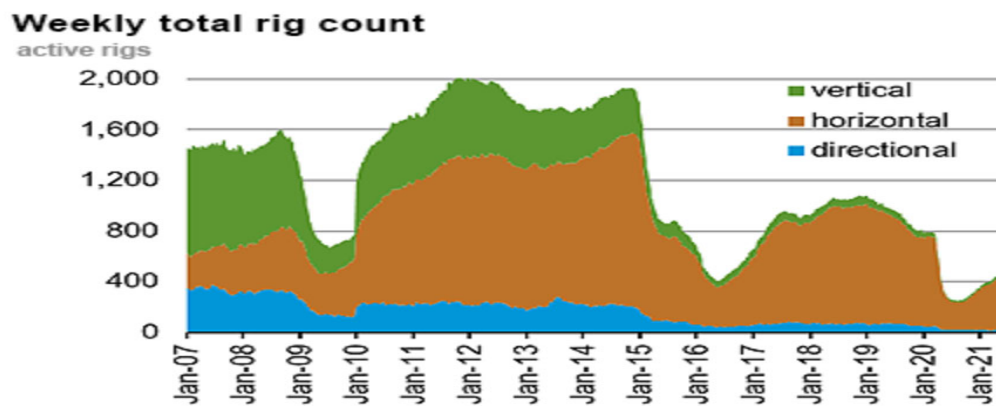
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2021-08-13	2021-08-06	change
East	645	629	16
Midwest	765	741	24
Mountain	188	185	3
Pacific	240	241	-1
South Central	984 C	979	5
Total	2,822 C	2,776	46

Source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*
 C=Reclassification
 Reclassifications from base gas to working gas resulted in increased working gas stocks of 4 Bcf in the South Central nonsalt region for the week ending August 13, 2021. The implied flow for the week is an increase of 42 Bcf to working gas stocks. (See Notes and Definitions for more information on "implied flow.")

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		
	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*