
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

September 10, 2021 Edition
(Data for Week Ending September 4, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 36
Dated 09/10/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	09/04/21	09/05/20	% Chng	09/04/21	09/04/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,660	10,718	8.8%	392,075	362,587	8.1%
52 Weeks Ended	563,529	574,371	-1.9%			
AAR Coal Rail Cars Loaded:	66,950	60,842	10.0%	2,228,408	2,015,738	10.6%
Coal Production	July 21/20		% Chng	Jan - July 21/20		% Chng
Month Ended - July	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		
	09/04/21	09/05/20	% Chng	09/04/21	09/05/20	% Chng
EEl Electric Total Output (Mil. Kwh)	84,565	84,215	0.4%	2,847,851	2,769,275	2.8%
EEl Coal Region Output (Mil. Kwh)	73,816	73,348	0.6%	2,468,409	2,397,476	3.0%
AISI Raw Steel Output (000 Tons)	1,866	1,511	23.5%	63,904	53,230	20.1%

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)	
	09/03/21	08/27/21	% Chng	Wed.	09/01/21
Central App, 12,500 Btu, 1.2 SO ₂	\$65.80	\$63.85	3.1%	Henry Hub	4.46
Northern App, 13,000 Btu, < 3.0 SO ₂	58.85	56.75	3.7%	New York	3.86
Illinois Basin, 11,800, 5.0 SO ₂	35.90	35.25	1.8%	Chicago	4.40
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.35	11.90	12.2%	Cal.Comp.Avg.	5.11
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.25	29.50	2.5%		

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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	9/4/2021 (week 36)	8/28/2021 (week 35)	9/5/2020 (week 36)	9/4/2021	9/4/2020	% Change	9/4/2021	9/5/2020	% Change
Alabama	241	281	229	7,764	8,591	-9.6	11,295	12,454	-9.3
Alaska	23	26	18	779	682	14.1	1,115	985	13.2
Arizona	.	.	.	.	.	.	.	144	.
Colorado	220	228	196	7,073	6,736	5.0	10,346	10,454	-1.0
Illinois	758	746	600	27,713	21,672	27.9	37,732	33,789	11.7
Indiana	374	391	390	13,000	13,972	-7.0	18,920	22,960	-17.6
Kentucky Total	535	542	511	18,135	16,187	12.0	26,099	26,115	-0.1
Eastern (KY)	183	172	162	6,523	5,634	15.8	9,172	9,270	-1.1
Western (KY)	352	370	349	11,613	10,552	10.0	16,927	16,846	0.5
Louisiana	6	6	5	172	574	-70.0	275	1,019	-73.0
Maryland	22	22	18	829	823	0.8	1,159	1,268	-8.6
Mississippi	68	87	70	2,343	1,981	18.2	2,939	2,764	6.3
Missouri	3	3	3	65	110	-40.6	114	163	-30.1
Montana	538	526	497	18,136	17,867	1.5	26,626	28,899	-7.9
New Mexico	187	199	221	6,258	7,305	-14.3	9,174	11,580	-20.8
North Dakota	572	649	525	18,884	18,142	4.1	27,112	26,909	0.8
Ohio	57	59	67	1,824	2,561	-28.8	2,841	4,658	-39.0
Oklahoma	.	.	.	.	1	-100.0	.	62	.
Pennsylvania Total	817	806	704	30,568	24,026	27.2	42,777	39,463	8.4
Anthracite (PA)	45	51	48	1,429	1,643	-13.0	2,152	2,577	-16.5
Bituminous (PA)	773	755	656	29,139	22,383	30.2	40,625	36,885	10.1
Tennessee	.	.	.	.	92	-100.0	.	239	.
Texas	398	453	409	11,615	13,420	-13.4	17,824	20,418	-12.7
Utah	285	334	263	9,099	9,042	0.6	13,186	13,034	1.2
Virginia	202	194	168	7,120	6,585	8.1	10,340	10,260	0.8
West Virginia Total	1,560	1,575	1,326	54,019	45,337	19.1	75,889	72,361	4.9
Northern (WV)	955	991	763	31,529	24,125	30.7	44,474	38,031	16.9
Southern (WV)	606	584	563	22,489	21,212	6.0	31,416	34,330	-8.5
Wyoming	4,793	4,947	4,495	156,678	146,881	6.7	227,769	234,370	-2.8
Appalachian Total	3,082	3,109	2,676	108,647	93,649	16.0	153,472	149,973	2.3
Interior Total	1,959	2,055	1,827	66,521	62,282	6.8	94,731	98,022	-3.4
Western Total	6,619	6,908	6,216	216,907	206,656	5.0	315,326	326,375	-3.4
East of Mississippi River	4,635	4,702	4,086	163,315	141,827	15.2	229,990	226,332	1.6
West of Mississippi River	7,025	7,369	6,632	228,760	220,760	3.6	333,539	348,038	-4.2
Bituminous and Lignite	11,616	12,021	10,670	390,646	360,944	8.2	561,377	571,793	-1.8
Anthracite	45	51	48	1,429	1,643	-13.0	2,152	2,577	-16.5
U.S. Total	11,660	12,072	10,718	392,075	362,587	8.1	563,529	574,371	-1.9
Railroad Cars Loaded	66,950	68,330	60,842	2,228,408	2,015,738	10.6	3,230,126	3,232,928	-0.1

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 36

OUTPUT FOR WEEK ENDED - Sep 04, 2021

Sep 09, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Sep 04, 2021** was **84,565** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **183** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended September 04		52 Weeks Ended September 04	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,307	3.7	115,668	0.5
Mid-Atlantic	8,588	-0.4	414,946	-0.3
Central Industrial	13,232	5.1	644,466	0.3
West Central	6,923	9.1	330,856	1.8
Southeast	21,328	-5.1	1,008,118	1.1
South Central	17,425	2.4	768,754	0.6
Rocky Mountain	6,320	0.4	293,037	2.2
Pacific Northwest	2,560	-1.6	157,514	1.3
Pacific Southwest	5,882	-2.6	269,027	1.5
Total United States	84,565	0.4	4,002,386	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 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
Sep 04	84,565	Sep 05	84,215	0.4	Sep 04	4,002,386	0.9
Sep 04	2,847,851	Sep 05	2,769,275	2.8	YEAR TO DATE, FIRST 36 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*
SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
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
Sep 04	183	Sep 05	178	Sep 07	183

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	4-Sep 2021 GWh Output	5-Sep 2020 GWh Output	% Increase Over Corresponding Week	4-Sep 2021 GWh Output	5-Sep 2020 GWh Output	% Increase Over Corresponding Week	4-Sep 2021 GWh Output	5-Sep 2020 GWh Output	% Increase Over Corresponding Week
New England	2,307	2,225	3.7%	81,859	80,498	1.7%	115,668	115,106	0.5%
Mid-Atlantic	8,588	8,626	-0.4%	297,451	291,182	2.2%	414,946	416,283	-0.3%
Central Industrial	13,232	12,588	5.1%	462,840	449,081	3.1%	644,466	642,482	0.3%
West Central	6,923	6,348	9.1%	236,124	226,270	4.4%	330,856	325,063	1.8%
Southeast	21,328	22,469	-5.1%	717,827	694,628	3.3%	1,008,118	997,290	1.1%
South Central	17,425	17,024	2.4%	548,527	536,632	2.2%	768,754	763,972	0.6%
Rocky Mountain	6,320	6,293	0.4%	205,640	199,683	3.0%	293,037	286,712	2.2%
Pacific Northwest	2,560	2,602	-1.6%	110,929	107,218	3.5%	157,514	155,455	1.3%
Pacific Southwest	5,882	6,040	-2.6%	186,658	184,084	1.4%	269,027	264,960	1.5%
Total United States ^{1/}	84,565	84,215	0.4%	2,847,855	2,769,276	2.8%	4,002,386	3,967,323	0.9%
Coal Regions Only ^{2/}	73,816	73,348	0.6%	2,468,409	2,397,476	3.0%	3,460,177	3,431,802	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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September 7, 2021

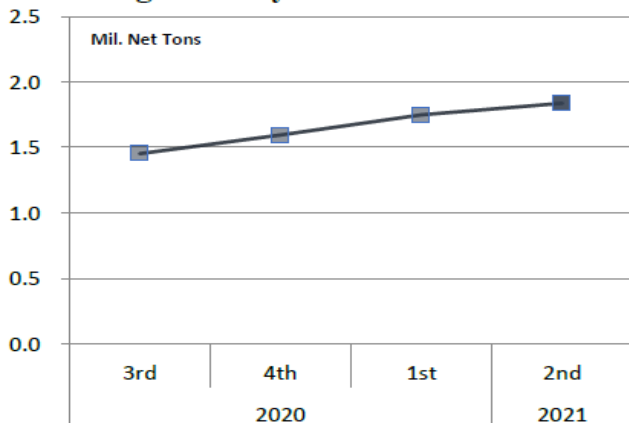
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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</u>		
				<u>Sep 4</u>	<u>Aug 28</u>	
<u>Week Ending</u>				North East	177	152
				Great Lakes	650	638
September 4, 2021	1,866	-0.4	84.5	Midwest	193	198
September 4, 2020	1,511	23.5	67.4	Southern	771	811
August 28, 2021	1,873	-0.2	84.9	Western	<u>75</u>	<u>74</u>
				Total	1,866	1,873
<u>Year-to-Date +</u>						
September 4, 2021	63,904	20.1	80.6			
September 4, 2020	53,230	-	66.6			

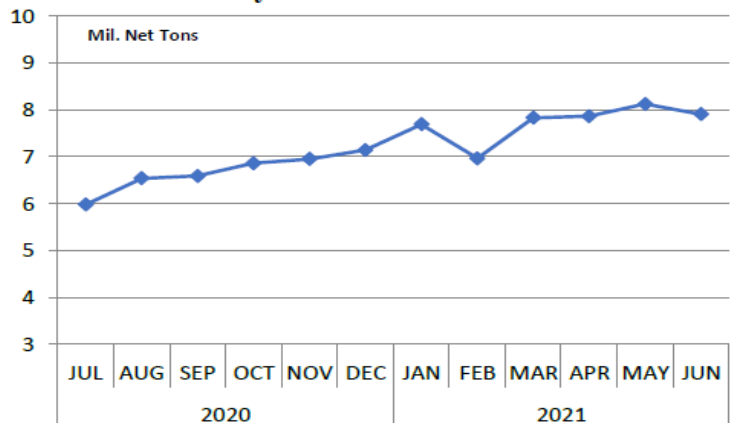
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

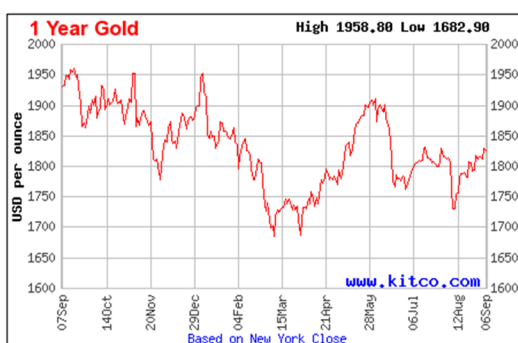
Average Weekly Raw Steel Production



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 35, 2021 – Ended September 4, 2021

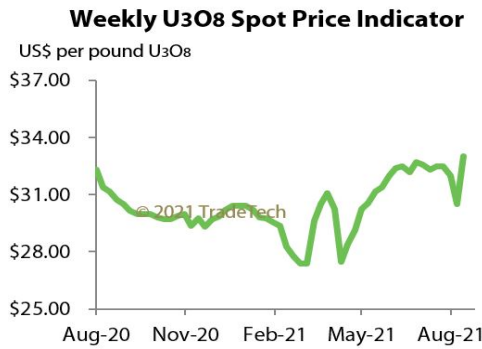
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	228,203	2.6%	8,070,160	230,576	8.3%
Chemicals	30,813	1.7%	1,135,638	32,447	5.8%
Coal	66,950	9.5%	2,214,082	63,259	11.6%
Farm Products excl. Grain, and Food	15,342	0.0%	547,524	15,644	2.6%
Forest Products	10,199	10.7%	351,209	10,035	8.5%
Grain	16,711	-27.1%	808,808	23,109	10.3%
Metallic Ores and Metals	22,768	29.2%	790,368	22,582	28.1%
Motor Vehicles and Parts	12,421	-23.7%	457,485	13,071	10.0%
Nonmetallic Minerals	32,281	9.1%	1,046,108	29,889	-0.6%
Petroleum and Petroleum Products	10,065	0.0%	373,299	10,666	-3.6%
Other	10,653	6.2%	345,639	9,875	3.7%
Total Intermodal Units	266,212	-7.3%	9,749,793	278,566	12.1%
Total Traffic	494,415	-3.0%	17,819,953	509,142	10.3%

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.

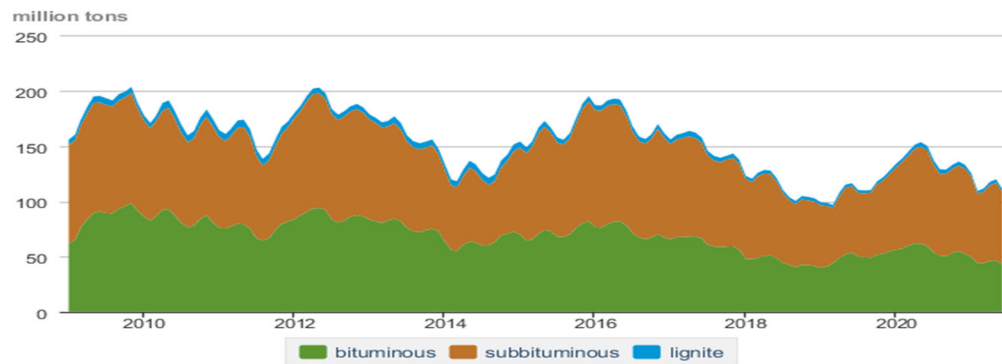
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

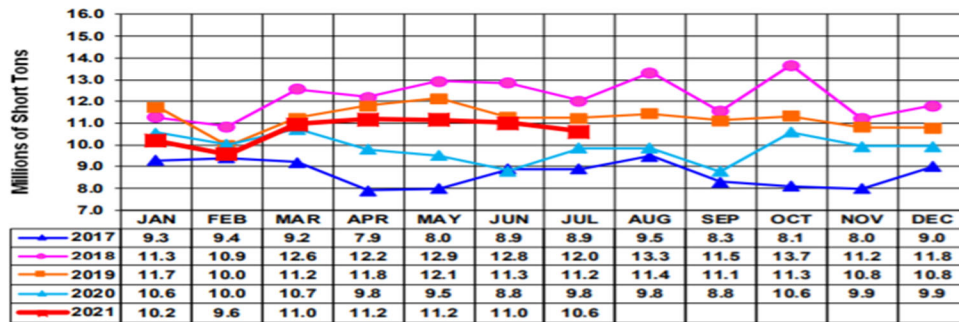
Coal stocks by type, January 2009 - June 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



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.

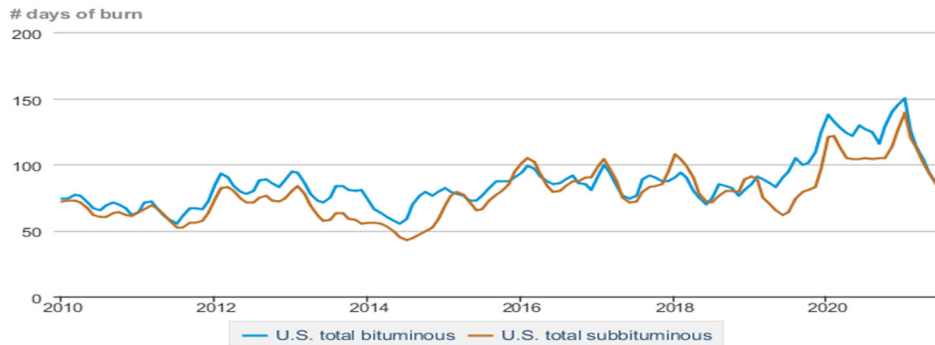
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	08/06/21	08/13/21	08/20/21	08/27/21	09/03/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	\$63.85	\$63.85	\$65.80	\$1.95
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.05	\$55.05	\$56.75	\$56.75	\$58.85	\$2.10
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$35.10	\$35.25	\$35.25	\$35.90	\$0.65
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.95	\$11.90	\$11.90	\$13.35	\$1.45
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.60	\$30.30	\$29.50	\$29.50	\$30.25	\$0.75

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

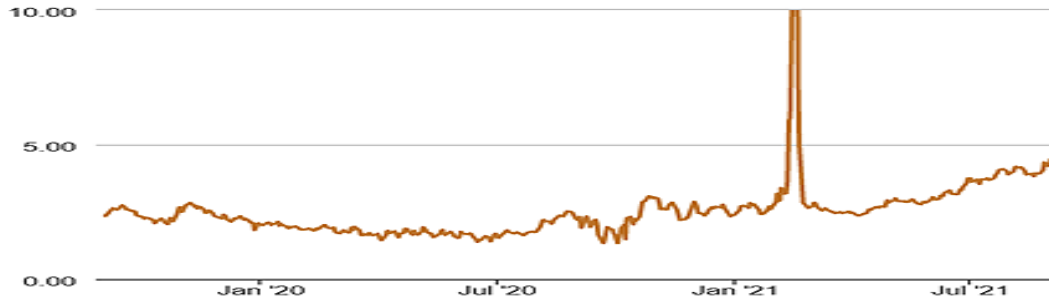
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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 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

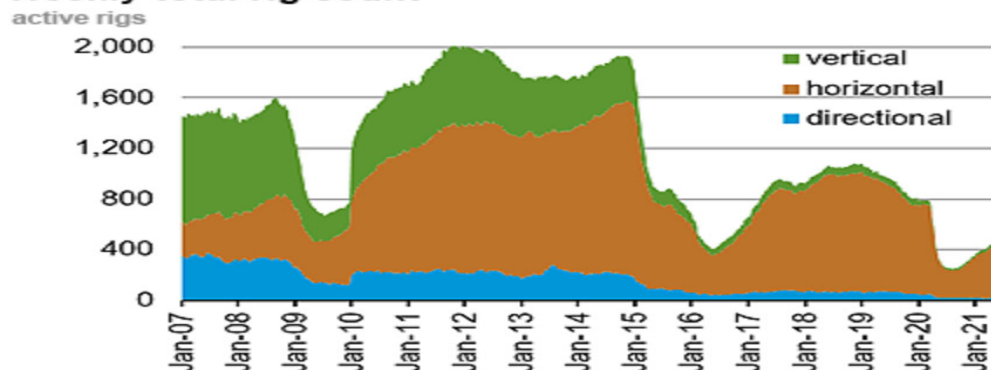
Region	Stocks billion cubic feet (Bcf)		
	2021-08-27	2021-08-20	change
East	678	661	17
Midwest	812	790	22
Mountain	190	188	2
Pacific	243	241	2
South Central	948	970	-22
Total	2,871	2,851	20

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*