
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

July 30, 2021 Edition
(Data for Week Ending July 24, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 30
Dated 07/30/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/24/21	07/25/20	% Chng	07/24/21	07/24/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,647	10,176	14.5%	331,845	298,198	11.3%
52 Weeks Ended	567,758	595,461	-4.7%			
AAR Coal Rail Cars Loaded:	65,945	57,769	14.2%	1,832,299	1,650,215	11.0%
DOC Coal Trade (000 Tons)						
	May 21/20		% Chng	Jan - May 21/20		% Chng
Exports:						
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%
	Week Ended			Cumulative Week 1 to		
	07/24/21	07/25/20	% Chng	07/24/21	07/25/20	% Chng
EEl Electric Total Output (Mil. Kwh)	89,781	92,928	-3.4%	2,307,619	2,238,899	3.1%
EEl Coal Region Output (Mil. Kwh)	77,909	81,460	-4.4%	1,997,521	1,937,310	3.1%
AISI Raw Steel Output (000 Tons)	1,868	1,350	38.4%	52,655	44,464	18.4%

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)	
	07/23/21	07/16/21	% Chng	Wed.	07/21/21
Central App, 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	0.0%	Henry Hub	3.91
Northern App, 13,000 Btu, < 3.0 SO ₂	55.05	55.05	0.0%	New York	3.27
Illinois Basin, 11,800, 5.0 SO ₂	35.10	35.10	0.0%	Chicago	3.76
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.95	11.95	0.0%	Cal.Comp.Avg.	5.00
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



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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		
	7/24/2021 (week 30)	7/17/2021 (week 29)	7/25/2020 (week 30)	7/24/2021	7/24/2020	% Change	7/24/2021	7/25/2020	% Change
Alabama	281	285	218	8,096	7,214	12.2	13,005	12,678	2.6
Alaska	25	26	17	744	574	29.7	1,189	987	20.5
Arizona	.	.	.	.	.	.	.	417	.
Colorado	222	230	186	6,144	5,561	10.5	10,593	10,844	-2.3
Illinois	715	755	570	22,757	18,067	26.0	36,385	35,642	2.1
Indiana	375	395	371	11,248	11,626	-3.3	19,516	24,204	-19.4
Kentucky Total	509	549	485	14,389	13,115	9.7	25,427	27,233	-6.6
Eastern (KY)	166	174	154	4,923	4,660	5.7	8,548	9,903	-13.7
Western (KY)	344	375	331	9,466	8,456	11.9	16,879	17,331	-2.6
Louisiana	6	6	5	217	543	-60.1	349	1,210	-71.2
Maryland	22	22	18	736	712	3.4	1,176	1,330	-11.6
Mississippi	79	88	67	2,187	1,558	40.3	3,207	2,683	19.5
Missouri	3	3	3	77	92	-16.2	144	168	-14.3
Montana	510	532	472	15,167	14,879	1.9	26,648	30,897	-13.8
New Mexico	202	201	210	5,785	5,978	-3.2	10,028	11,869	-15.5
North Dakota	632	656	499	18,167	14,988	21.2	29,553	26,976	9.6
Ohio	57	60	64	1,744	2,159	-19.2	3,163	5,115	-38.2
Oklahoma	.	.	.	1	1	-6.7	1	91	-98.9
Pennsylvania Total	773	816	669	23,505	19,794	18.7	39,950	40,601	-1.6
Anthracite (PA)	50	52	46	1,296	1,355	-4.4	2,308	2,589	-10.9
Bituminous (PA)	723	764	623	22,210	18,440	20.4	37,642	38,012	-1.0
Tennessee	.	.	.	93	92	0.8	93	308	-69.8
Texas	435	458	388	10,845	10,966	-1.1	19,511	20,983	-7.0
Utah	322	338	250	8,711	7,462	16.7	14,380	12,938	11.1
Virginia	192	197	160	5,881	5,575	5.5	10,112	10,810	-6.5
West Virginia Total	1,527	1,594	1,259	44,154	37,369	18.2	74,002	75,251	-1.7
Northern (WV)	959	1,003	725	26,121	19,541	33.7	43,655	38,727	12.7
Southern (WV)	569	591	535	18,033	17,828	1.2	30,347	36,524	-16.9
Wyoming	4,761	5,007	4,268	131,198	119,873	9.4	229,326	242,224	-5.3
Appalachian Total	3,017	3,148	2,540	89,133	77,575	14.9	150,049	155,996	-3.8
Interior Total	1,956	2,079	1,734	56,796	51,309	10.7	95,991	102,312	-6.2
Western Total	6,675	6,991	5,902	185,916	169,315	9.8	321,718	337,153	-4.6
East of Mississippi River	4,529	4,760	3,879	134,789	117,282	14.9	226,035	235,856	-4.2
West of Mississippi River	7,119	7,458	6,297	197,055	180,916	8.9	341,723	359,605	-5.0
Bituminous and Lignite	11,597	12,166	10,131	330,549	296,843	11.4	565,451	592,872	-4.6
Anthracite	50	52	46	1,296	1,355	-4.4	2,308	2,589	-10.9
U.S. Total	11,647	12,218	10,176	331,845	298,198	11.3	567,758	595,461	-4.7
Railroad Cars Loaded	65,945	69,186	57,769	1,832,299	1,650,215	11.0	3,199,935	3,360,866	-4.8

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 30

OUTPUT FOR WEEK ENDED - Jul 24, 2021

Jul 28, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 24, 2021** was **89,781** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **171** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 24		52 Weeks Ended July 24	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,466	-15.9	115,816	1.2
Mid-Atlantic	9,202	-14.8	415,431	0.2
Central Industrial	14,039	-5.4	640,587	0.0
West Central	7,683	1.6	328,226	1.4
Southeast	22,093	-6.2	1,005,799	1.0
South Central	17,850	-0.9	765,098	-0.4
Rocky Mountain	7,042	5.0	294,316	2.8
Pacific Northwest	2,899	0.0	157,118	1.1
Pacific Southwest	6,507	15.4	270,139	2.0
Total United States	89,781	-3.4	3,992,530	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 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 24	89,781	Jul 25	92,928	-3.4	Jul 24	3,992,529	0.7
Jul 24	2,307,619	Jul 25	2,238,899	3.1	YEAR TO DATE, FIRST 30 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
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
Jul 24	171	Jul 25	182	Jul 27	176

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	24-Jul 2021 GWh Output	25-Jul 2020 GWh Output	% Increase Over Corresponding Week	24-Jul 2021 GWh Output	25-Jul 2020 GWh Output	% Increase Over Corresponding Week	24-Jul 2021 GWh Output	25-Jul 2020 GWh Output	% Increase Over Corresponding Week
New England	2,466	2,931	-15.9%	66,343	64,835	2.3%	115,816	114,404	1.2%
Mid-Atlantic	9,202	10,796	-14.8%	240,509	233,755	2.9%	415,431	414,618	0.2%
Central Industrial	14,039	14,846	-5.4%	377,448	367,567	2.7%	640,587	640,641	0.0%
West Central	7,683	7,562	1.6%	191,447	184,223	3.9%	328,226	323,714	1.4%
Southeast	22,093	23,545	-6.2%	583,594	562,715	3.7%	1,005,799	995,852	1.0%
South Central	17,850	18,006	-0.9%	438,491	430,252	1.9%	765,098	768,102	-0.4%
Rocky Mountain	7,042	6,705	5.0%	166,032	158,798	4.6%	294,316	286,234	2.8%
Pacific Northwest	2,899	2,898	0.0%	94,051	90,735	3.7%	157,118	155,332	1.1%
Pacific Southwest	6,507	5,639	15.4%	149,708	146,020	2.5%	270,139	264,833	2.0%
Total United States ^{1/}	<u>89,781</u>	<u>92,928</u>	-3.4%	<u>2,307,623</u>	<u>2,238,900</u>	3.1%	<u>3,992,530</u>	<u>3,963,730</u>	0.7%
Coal Regions Only ^{2/}	77,909	81,460	-4.4%	1,997,521	1,937,310	3.1%	3,449,457	3,429,161	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*.

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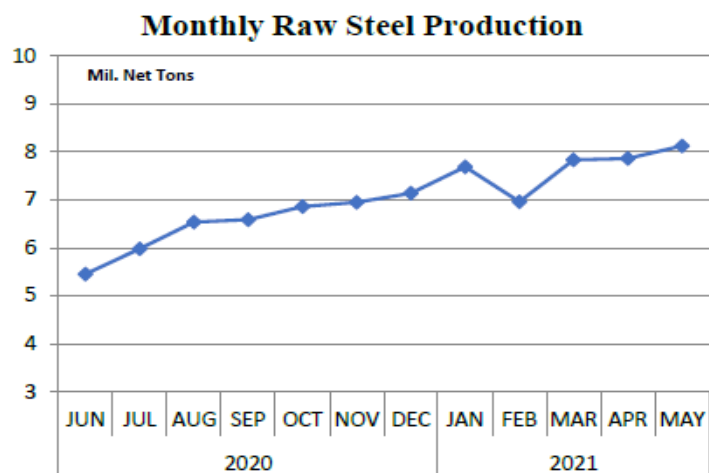
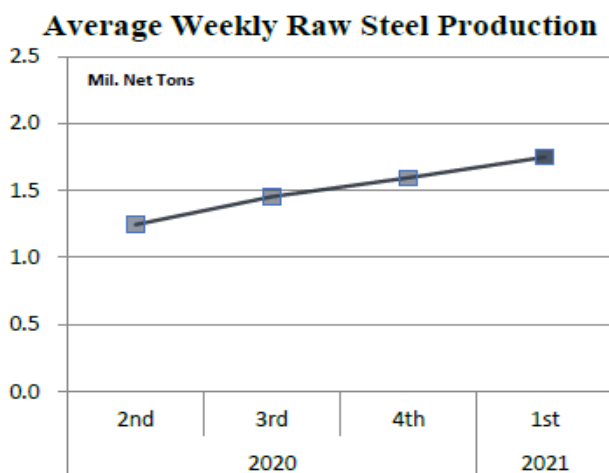
July 26, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

Period	Thousand Net Tons	Percent Change from Previous Period	Percent Capability Utilization**	Production by District		
				Week Ending July 24	Week Ending July 17	
<u>Week Ending</u>				North East	149	146
				Great Lakes	642	632
July 24, 2021	1,868	0.5	84.6	Midwest	200	199
July 24, 2020	1,350	38.4	60.3	Southern	802	803
July 17, 2021	1,859	0.4	84.1	Western	75	79
				Total	1,868	1,859
<u>Year-to-Date +</u>						
July 24, 2021	52,655	18.4	79.8			
July 24, 2020	44,464	-	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.



*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 29, 2021 – Ended July 24, 2021

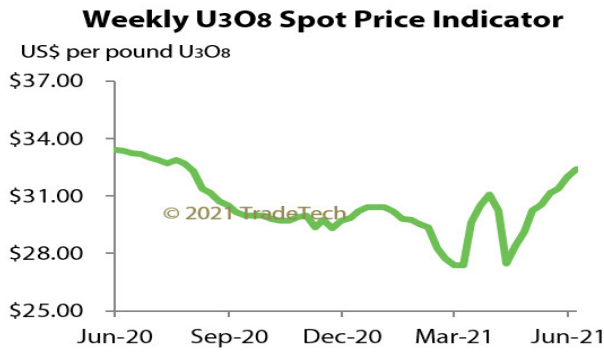
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	230,095	7.1%	6,678,220	230,283	9.2%
Chemicals	31,738	5.6%	939,899	32,410	5.9%
Coal	65,945	14.6%	1,817,966	62,688	12.4%
Farm Products excl. Grain, and Food	14,679	-10.5%	457,193	15,765	3.7%
Forest Products	9,735	7.4%	291,045	10,036	8.8%
Grain	20,763	1.6%	700,830	24,167	16.7%
Metallic Ores and Metals	23,124	49.6%	647,708	22,335	27.1%
Motor Vehicles and Parts	10,765	-29.0%	378,674	13,058	18.8%
Nonmetallic Minerals	33,115	7.0%	848,729	29,267	-2.7%
Petroleum and Petroleum Products	10,530	-2.9%	311,257	10,733	-4.0%
Other	9,701	8.5%	284,919	9,825	2.9%
Total Intermodal Units	273,124	2.6%	8,124,671	280,161	15.8%
Total Traffic	503,219	4.6%	14,802,891	510,445	12.7%

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.

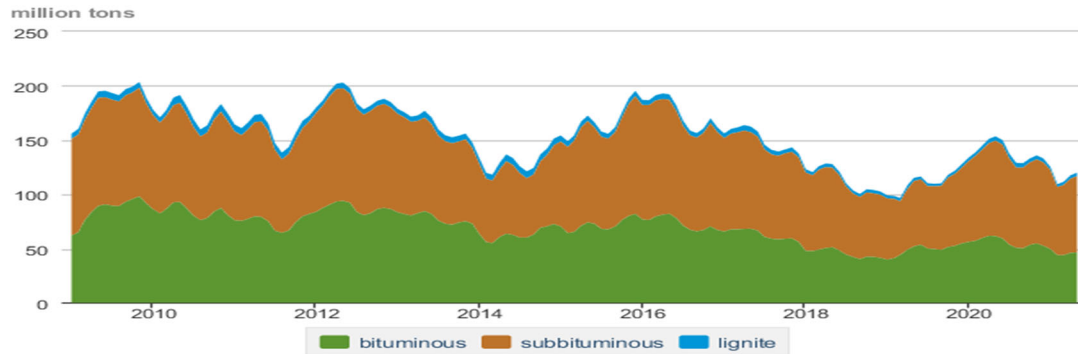
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

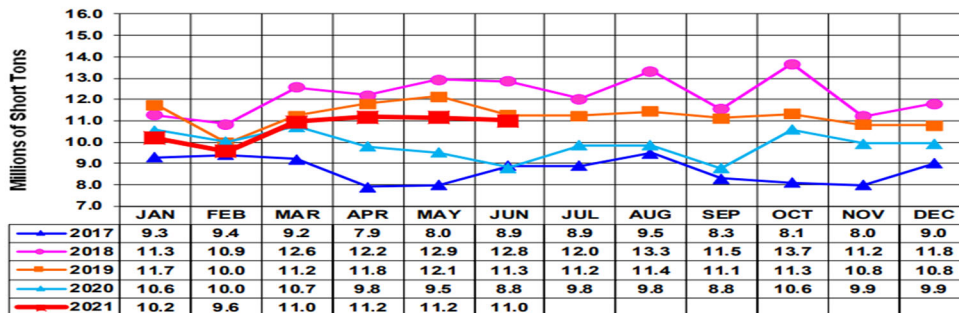
Coal stocks by type, January 2009 - May 2021



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.

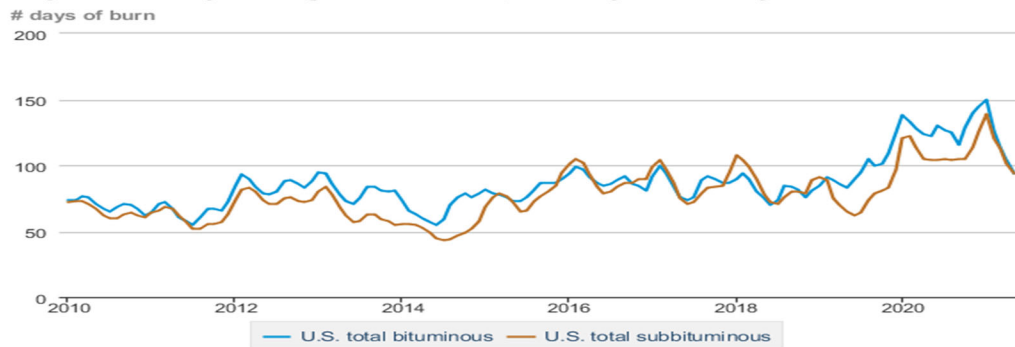
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/25/21	07/02/21	07/09/21	07/16/21	07/23/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$63.45	\$60.10	\$63.45	\$61.95	\$61.95	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$56.95	\$53.40	\$56.95	\$55.05	\$55.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.50	\$35.10	\$34.50	\$35.10	\$35.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.70	\$11.95	\$11.95	\$11.95	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.10	\$29.70	\$30.10	\$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 15)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	1	0	1	37	-3	-39
Middle Atlantic	0	-1	0	70	14	-14
E N Central	5	4	5	45	-11	-28
W N Central	2	-1	1	52	-18	-26
South Atlantic	0	0	0	103	7	-7
E S Central	0	0	0	91	-2	-9
W S Central	0	0	0	107	-16	-40
Mountain	0	-5	-1	96	19	-2
Pacific	0	-4	-2	72	31	17
United States	1	0	1	77	4	-14

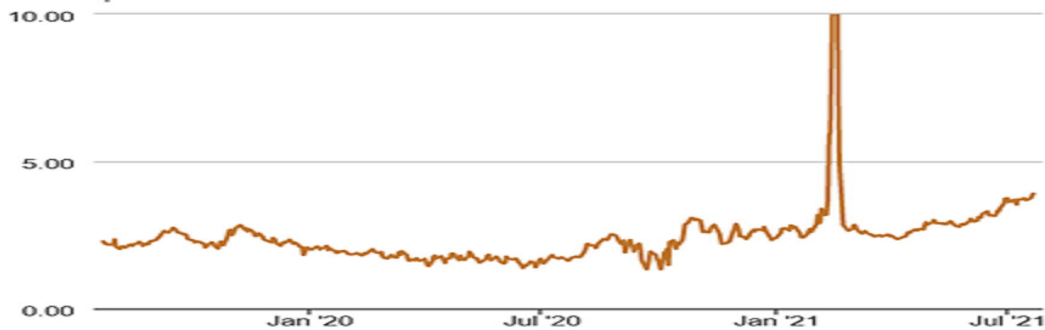
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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

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*

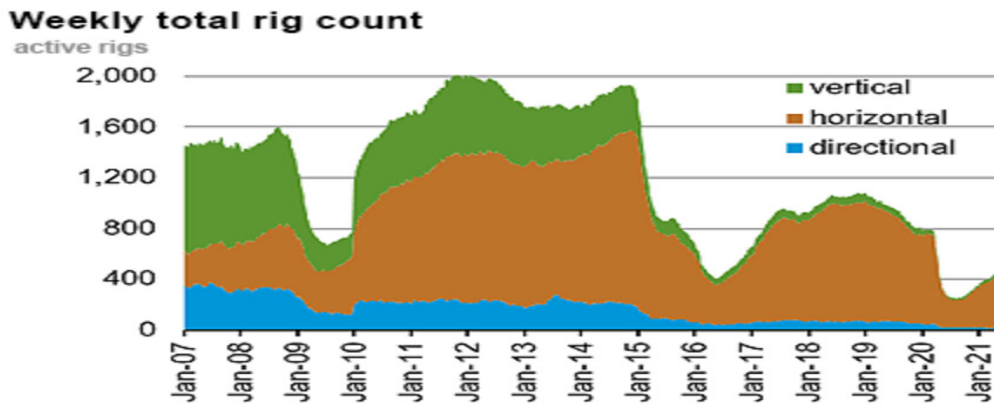
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2021-07-16	2021-07-09	change
East	562	543	19
Midwest	683	662	21
Mountain	183	180	3
Pacific	247	250	-3
South Central	1,002	995	7
Total	2,678	2,629	49

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*