
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

August 20, 2021 Edition
(Data for Week Ending August 14, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 33
Dated 08/20/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/14/21	08/15/20	% Chng	08/14/21	08/14/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,846	10,371	14.2%	366,619	329,468	11.3%
52 Weeks Ended	571,237	583,887	-2.2%			
AAR Coal Rail Cars Loaded:	67,054	58,871	13.9%	2,029,156	1,827,731	11.0%
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		
	08/14/21	08/15/20	% Chng	08/14/21	08/15/20	% Chng
EEl Electric Total Output (Mil. Kwh)	93,435	91,497	2.1%	2,580,263	2,507,977	2.9%
EEl Coal Region Output (Mil. Kwh)	81,051	79,489	2.0%	2,234,344	2,171,170	2.9%
AISI Raw Steel Output (000 Tons)	1,869	1,476	26.6%	58,296	48,767	19.5%

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)	
	08/13/21	08/06/21	% Chng	Wed.	08/11/21
Central App, 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	0.0%	Henry Hub	3.86
Northern App, 13,000 Btu, < 3.0 SO ₂	55.05	55.05	0.0%	New York	3.83
Illinois Basin, 11,800, 5.0 SO ₂	35.10	35.10	0.0%	Chicago	3.72
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.95	11.95	0.0%	Cal.Comp.Avg.	4.53
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.30	29.60	2.4%		

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)	8/14/2021 (week 33)	8/7/2021 (week 32)	8/15/2020 (week 33)	8/14/2021	8/14/2020	% Change	8/14/2021	8/15/2020	% Change
Alabama	285	275	222	8,918	7,883	13.1	13,158	12,544	4.9
Alaska	26	25	17	820	626	30.9	1,212	985	23.0
Arizona	.	.	.	.	.	.	.	280	.
Colorado	226	223	189	6,805	6,131	11.0	10,684	10,630	0.5
Illinois	727	729	581	24,883	19,818	25.6	36,759	34,657	6.1
Indiana	381	382	378	12,360	12,766	-3.2	19,488	23,544	-17.2
Kentucky Total	518	530	495	15,926	14,607	9.0	25,472	26,625	-4.3
Eastern (KY)	168	168	157	5,418	5,133	5.6	8,570	9,570	-10.4
Western (KY)	349	362	338	10,508	9,474	10.9	16,902	17,055	-0.9
Louisiana	6	5	5	233	558	-58.2	351	1,114	-68.5
Maryland	22	21	18	800	766	4.4	1,186	1,298	-8.6
Mississippi	80	85	68	2,413	1,764	36.8	3,228	2,717	18.8
Missouri	3	3	3	86	100	-14.6	144	165	-12.7
Montana	519	514	481	16,694	16,330	2.2	26,723	29,849	-10.5
New Mexico	205	194	214	6,382	6,623	-3.6	9,981	11,703	-14.7
North Dakota	643	634	508	20,043	16,520	21.3	29,895	26,893	11.2
Ohio	58	58	65	1,913	2,354	-18.7	3,137	4,880	-35.7
Oklahoma	.	.	.	1	1	-6.7	1	77	-98.7
Pennsylvania Total	786	788	682	25,846	21,849	18.3	40,234	39,964	0.7
Anthracite (PA)	51	50	46	1,445	1,495	-3.3	2,316	2,578	-10.2
Bituminous (PA)	735	738	635	24,401	20,355	19.9	37,918	37,386	1.4
Tennessee	.	.	.	93	92	0.8	93	274	-66.1
Texas	443	443	395	12,136	12,158	-0.2	19,610	20,662	-5.1
Utah	328	326	255	9,667	8,229	17.5	14,568	12,961	12.4
Virginia	195	190	163	6,458	6,066	6.5	10,198	10,519	-3.1
West Virginia Total	1,553	1,541	1,283	48,714	41,238	18.1	74,689	73,678	1.4
Northern (WV)	975	969	738	28,995	21,767	33.2	44,300	38,306	15.6
Southern (WV)	578	571	545	19,719	19,471	1.3	30,388	35,371	-14.1
Wyoming	4,842	4,839	4,350	145,429	132,989	9.4	230,430	237,867	-3.1
Appalachian Total	3,068	3,041	2,589	98,160	85,381	15.0	151,264	152,727	-1.0
Interior Total	1,989	2,009	1,767	62,620	56,638	10.6	96,482	99,991	-3.5
Western Total	6,788	6,756	6,014	205,839	187,449	9.8	323,491	331,169	-2.3
East of Mississippi River	4,606	4,599	3,953	148,324	129,202	14.8	227,641	230,700	-1.3
West of Mississippi River	7,240	7,208	6,417	218,295	200,266	9.0	343,597	353,187	-2.7
Bituminous and Lignite	11,795	11,757	10,324	365,175	327,974	11.3	568,921	581,308	-2.1
Anthracite	51	50	46	1,445	1,495	-3.3	2,316	2,578	-10.2
U.S. Total	11,846	11,807	10,371	366,619	329,468	11.3	571,237	583,887	-2.2
Railroad Cars Loaded	67,054	66,838	58,871	2,029,156	1,827,731	11.0	3,219,135	3,292,093	-2.2

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 33

OUTPUT FOR WEEK ENDED - Aug 14, 2021

Aug 18, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 14, 2021** was **93,435** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **192** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 14		52 Weeks Ended August 14	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,961	2.0	114,899	-0.2
Mid-Atlantic	10,427	2.5	413,390	-0.5
Central Industrial	14,663	3.1	642,080	0.3
West Central	7,609	7.7	329,732	2.0
Southeast	22,733	3.2	1,006,203	1.0
South Central	18,952	-1.4	766,816	0.1
Rocky Mountain	6,667	-1.5	294,198	2.6
Pacific Northwest	2,978	11.5	157,724	1.5
Pacific Southwest	6,445	0.2	271,054	2.6
Total United States	93,435	2.1	3,996,096	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)
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
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 14	2,580,263	Aug 15	2,507,977	2.9	YEAR TO DATE, FIRST 33 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

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

* 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		
	14-Aug 2021 GWh Output	15-Aug 2020 GWh Output	% Increase Over Corresponding Week	14-Aug 2021 GWh Output	15-Aug 2020 GWh Output	% Increase Over Corresponding Week	14-Aug 2021 GWh Output	15-Aug 2020 GWh Output	% Increase Over Corresponding Week
New England	2,961	2,904	2.0%	74,036	73,444	0.8%	114,899	115,092	-0.2%
Mid-Atlantic	10,427	10,174	2.5%	268,818	264,105	1.8%	413,390	415,485	-0.5%
Central Industrial	14,663	14,216	3.1%	420,160	408,786	2.8%	642,080	640,018	0.3%
West Central	7,609	7,063	7.7%	213,811	205,082	4.3%	329,732	323,298	2.0%
Southeast	22,733	22,035	3.2%	651,089	629,805	3.4%	1,006,203	996,033	1.0%
South Central	18,952	19,229	-1.4%	494,334	484,376	2.1%	766,816	765,780	0.1%
Rocky Mountain	6,667	6,772	-1.6%	186,132	179,016	4.0%	294,198	286,616	2.6%
Pacific Northwest	2,978	2,672	11.5%	103,107	99,186	4.0%	157,724	155,372	1.5%
Pacific Southwest	6,445	6,432	0.2%	168,780	164,178	2.8%	271,054	264,274	2.6%
Total United States ^{1/}	<u>93,435</u>	<u>91,497</u>	2.1%	<u>2,580,267</u>	<u>2,507,978</u>	2.9%	<u>3,996,096</u>	<u>3,961,968</u>	0.9%
Coal Regions Only ^{2/}	81,051	79,489	2.0%	2,234,344	2,171,170	2.9%	3,452,419	3,427,230	0.7%

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

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August 16, 2021

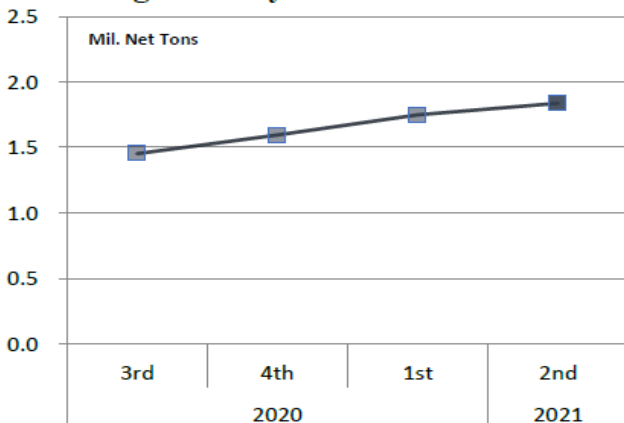
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Aug 14</u>	<u>Week Ending Aug 7</u>	
<u>Week Ending</u>				North East	157	158
				Great Lakes	638	641
August 14, 2021	1,869	-0.2	84.7	Midwest	202	196
August 14, 2020	1,476	26.6	65.9	Southern	799	802
August 7, 2021	1,872	-0.2	84.8	Western	73	75
				Total	1,869	1,872
<u>Year-to-Date +</u>						
August 14, 2021	58,296	19.5	80.3			
August 14, 2020	48,767	-	66.6			

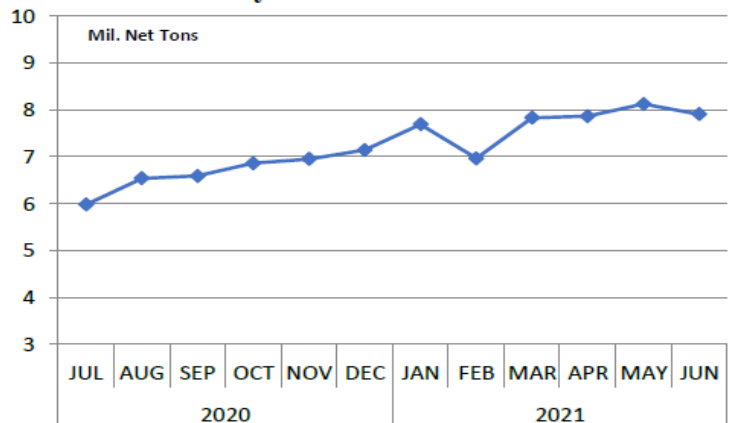
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 32, 2021 – Ended August 14, 2021

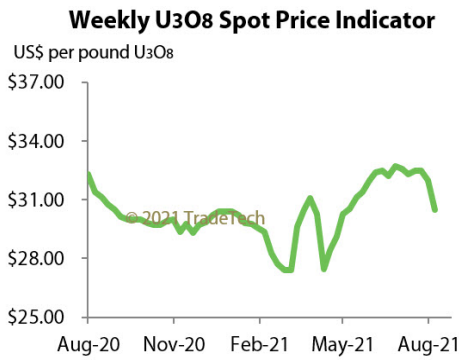
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	235,011	5.7%	7,376,542	230,517	8.9%
Chemicals	32,970	5.7%	1,039,518	32,485	6.0%
Coal	67,054	13.9%	2,014,823	62,963	12.2%
Farm Products excl. Grain, and Food	15,267	-1.0%	502,629	15,707	3.1%
Forest Products	9,757	7.1%	320,880	10,028	8.6%
Grain	19,488	-13.0%	756,739	23,648	13.6%
Metallic Ores and Metals	24,678	29.9%	720,263	22,508	28.4%
Motor Vehicles and Parts	13,512	-12.2%	417,788	13,056	14.0%
Nonmetallic Minerals	32,602	6.8%	947,446	29,608	-1.6%
Petroleum and Petroleum Products	10,314	-4.9%	342,048	10,689	-4.0%
Other	9,369	-2.0%	314,408	9,825	3.4%
Total Intermodal Units	269,799	-3.0%	8,943,306	279,478	14.0%
Total Traffic	504,810	0.9%	16,319,848	509,995	11.6%

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.

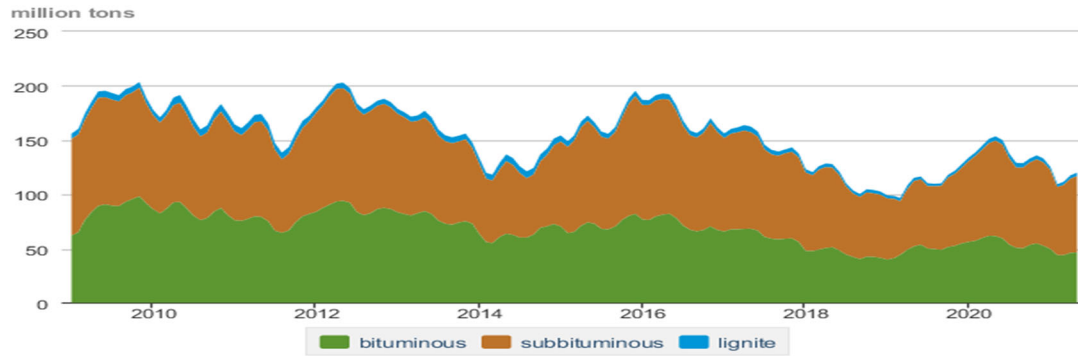
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

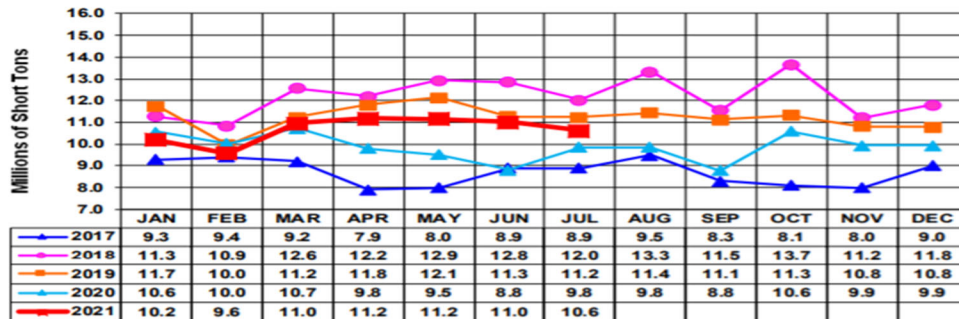
Coal stocks by type, January 2009 - May 2021



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.

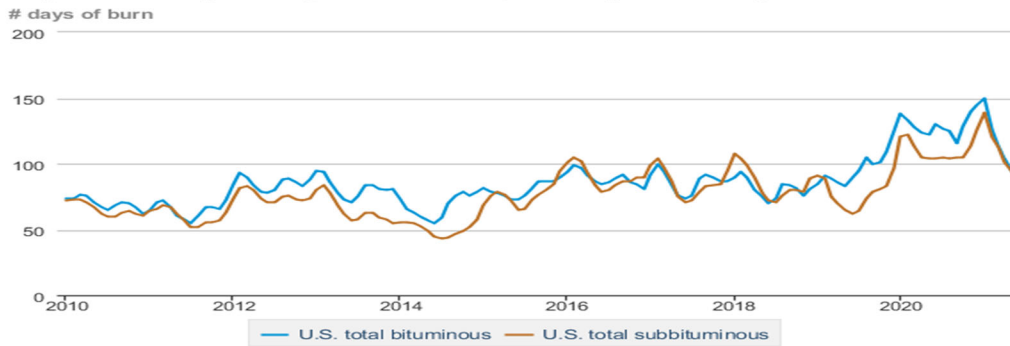
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	07/16/21	07/23/21	07/30/21	08/06/21	08/13/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.95	\$61.95	\$61.95	\$61.95	\$61.95	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.05	\$55.05	\$55.05	\$55.05	\$55.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$35.10	\$35.10	\$35.10	\$35.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.95	\$11.95	\$11.95	\$11.95	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.60	\$29.60	\$29.60	\$29.60	\$30.30	\$0.70

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



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		% 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*

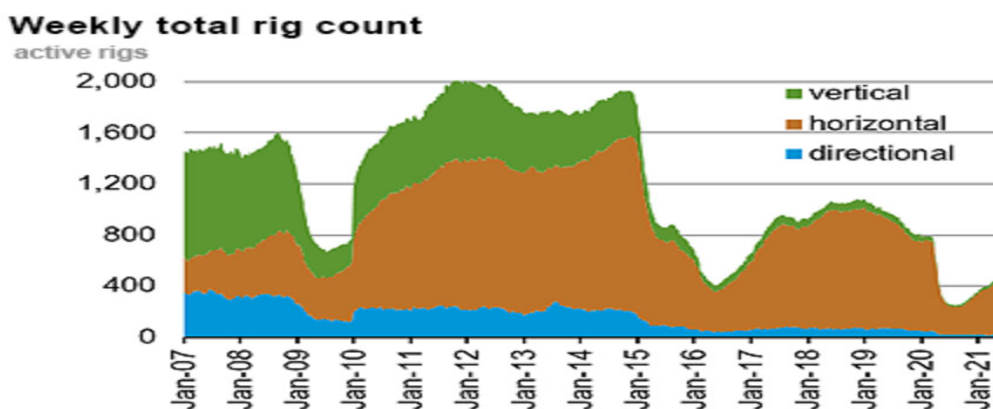
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2021-08-13	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*