
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

September 17, 2021 Edition
(Data for Week Ending September 11, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 37
Dated 09/17/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	09/11/21	09/12/20	% Chng	09/11/21	09/11/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,891	10,339	15.0%	403,965	372,939	8.3%
52 Weeks Ended	565,080	570,662	-1.0%			
AAR Coal Rail Cars Loaded:	69,927	60,278	16.0%	2,298,335	2,075,877	10.7%
Coal Production Month Ended - August	August 21/20		% Chng	Jan - Aug 21/20		% Chng
	51,924	47,523	9.3%	385,312	356,156	8.2%
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		
	09/11/21	09/12/20	% Chng	09/11/21	09/12/20	% Chng
EEl Electric Total Output (Mil. Kwh)	80,448	77,474	3.8%	2,928,299	2,846,749	2.9%
EEl Coal Region Output (Mil. Kwh)	69,172	66,640	3.8%	2,537,581	2,464,116	3.0%
AISI Raw Steel Output (000 Tons)	1,882	1,537	22.4%	65,786	54,767	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)	
	09/10/21	09/03/21	% Chng	Wed.	09/15/21
Central App, 12,500 Btu, 1.2 SO ₂	\$65.80	\$65.80	0.0%	Henry Hub	5.60
Northern App, 13,000 Btu, < 3.0 SO ₂	58.85	58.85	0.0%	New York	5.23
Illinois Basin, 11,800, 5.0 SO ₂	35.90	35.90	0.0%	Chicago	5.49
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.35	13.35	0.0%	Cal.Comp.Avg.	6.63
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.25	30.25	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. 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



NMA

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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		
	9/11/2021 (week 37)	9/4/2021 (week 36)	9/12/2020 (week 37)	9/11/2021	9/11/2020	% Change	9/11/2021	9/12/2020	% Change
Alabama	240	241	221	8,003	8,812	-9.2	11,313	12,412	-8.9
Alaska	24	23	17	803	700	14.7	1,122	985	13.9
Arizona	.	.	.	.	.	.	.	99	.
Colorado	225	220	189	7,298	6,925	5.4	10,383	10,386	s
Illinois	759	758	579	28,472	22,251	28.0	37,912	33,471	13.3
Indiana	372	374	377	13,372	14,349	-6.8	18,915	22,746	-16.8
Kentucky Total	549	535	493	18,684	16,680	12.0	26,155	25,920	0.9
Eastern (KY)	187	183	156	6,709	5,791	15.9	9,203	9,162	0.4
Western (KY)	362	352	337	11,975	10,889	10.0	16,952	16,758	1.2
Louisiana	6	6	5	178	579	-69.2	276	988	-72.1
Maryland	22	22	18	851	841	1.3	1,163	1,258	-7.6
Mississippi	57	68	68	2,399	2,049	17.1	2,928	2,776	5.5
Missouri	3	3	3	68	113	-39.7	114	162	-29.6
Montana	557	538	480	18,693	18,348	1.9	26,702	28,560	-6.5
New Mexico	196	187	213	6,454	7,518	-14.2	9,156	11,527	-20.6
North Dakota	578	572	507	19,462	18,649	4.4	27,184	26,885	1.1
Ohio	57	57	65	1,881	2,626	-28.3	2,834	4,582	-38.1
Oklahoma	.	.	.	.	1	-100.0	.	58	.
Pennsylvania Total	865	817	679	31,433	24,706	27.2	42,962	39,259	9.4
Anthracite (PA)	45	45	46	1,474	1,689	-12.7	2,151	2,575	-16.5
Bituminous (PA)	819	773	633	29,959	23,017	30.2	40,811	36,685	11.2
Tennessee	.	.	.	.	92	-100.0	.	228	.
Texas	396	398	394	12,011	13,815	-13.1	17,826	20,316	-12.3
Utah	285	285	254	9,384	9,296	0.9	13,216	13,044	1.3
Virginia	216	202	162	7,335	6,748	8.7	10,393	10,166	2.2
West Virginia Total	1,598	1,560	1,280	55,616	46,618	19.3	76,207	71,856	6.1
Northern (WV)	988	955	736	32,517	24,862	30.8	44,725	37,899	18.0
Southern (WV)	610	606	543	23,099	21,756	6.2	31,482	33,957	-7.3
Wyoming	4,888	4,793	4,337	161,566	151,223	6.8	228,320	232,978	-2.0
Appalachian Total	3,184	3,082	2,581	111,831	96,233	16.2	154,075	148,923	3.5
Interior Total	1,954	1,959	1,762	68,475	64,047	6.9	94,923	97,276	-2.4
Western Total	6,753	6,619	5,996	223,659	212,659	5.2	316,083	324,463	-2.6
East of Mississippi River	4,734	4,635	3,941	168,049	145,773	15.3	230,782	224,675	2.7
West of Mississippi River	7,157	7,025	6,398	235,917	227,166	3.9	334,298	345,987	-3.4
Bituminous and Lignite	11,845	11,616	10,293	402,491	371,250	8.4	562,929	568,088	-0.9
Anthracite	45	45	46	1,474	1,689	-12.7	2,151	2,575	-16.5
U.S. Total	11,891	11,660	10,339	403,965	372,939	8.3	565,080	570,662	-1.0
Railroad Cars Loaded	69,927	66,950	60,278	2,298,335	2,075,877	10.7	3,239,775	3,212,453	0.9

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 37

OUTPUT FOR WEEK ENDED - Sep 11, 2021

Sep 15, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Sep 11, 2021** was **80,448** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **177** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended September 11		52 Weeks Ended September 11	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,217	-2.5	115,611	0.3
Mid-Atlantic	8,008	-4.3	414,586	-0.4
Central Industrial	11,827	1.1	644,598	0.6
West Central	6,535	11.4	331,524	2.2
Southeast	19,981	-0.2	1,008,085	1.3
South Central	16,519	7.7	769,940	1.1
Rocky Mountain	6,302	17.5	293,975	2.6
Pacific Northwest	2,627	6.3	157,670	1.4
Pacific Southwest	6,432	5.6	269,370	1.6
Total United States	80,448	3.8	4,005,359	1.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
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 11	80,448	Sep 12	77,474	3.8	Sep 11	4,005,360	1.1
Sep 11	2,928,299	Sep 12	2,846,749	2.9	YEAR TO DATE, FIRST 37 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
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
Sep 11	177	Sep 12	187	Sep 14	200

* 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		
	11-Sep	12-Sep	% Increase Over Corresponding Week	11-Sep	12-Sep	% Increase Over Corresponding Week	11-Sep	12-Sep	% Increase Over Corresponding Week
	2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output	
New England	2,217	2,273	-2.5%	84,076	82,771	1.6%	115,611	115,264	0.3%
Mid-Atlantic	8,008	8,368	-4.3%	305,459	299,550	2.0%	414,586	416,370	-0.4%
Central Industrial	11,827	11,694	1.1%	474,667	460,775	3.0%	644,598	640,959	0.6%
West Central	6,535	5,867	11.4%	242,659	232,137	4.5%	331,524	324,320	2.2%
Southeast	19,981	20,014	-0.2%	737,808	714,642	3.2%	1,008,085	994,804	1.3%
South Central	16,519	15,333	7.7%	565,046	551,965	2.4%	769,940	761,917	1.1%
Rocky Mountain	6,302	5,364	17.5%	211,942	205,047	3.4%	293,975	286,432	2.6%
Pacific Northwest	2,627	2,471	6.3%	113,556	109,689	3.5%	157,670	155,434	1.4%
Pacific Southwest	6,432	6,090	5.6%	193,090	190,174	1.5%	269,370	265,153	1.6%
Total United States ^{1/}	80,448	77,474	3.8%	2,928,303	2,846,750	2.9%	4,005,359	3,960,653	1.1%
Coal Regions Only ^{2/}	69,172	66,640	3.8%	2,537,581	2,464,116	3.0%	3,462,708	3,424,802	1.1%

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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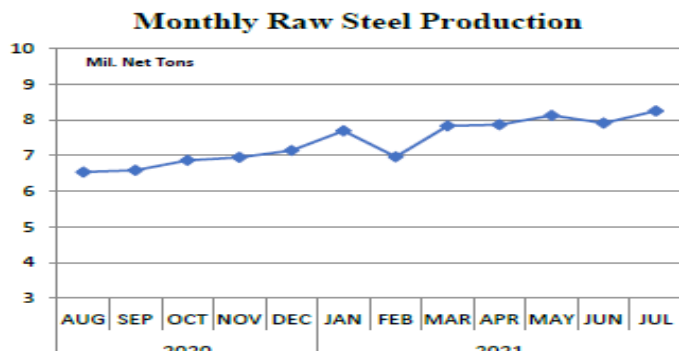
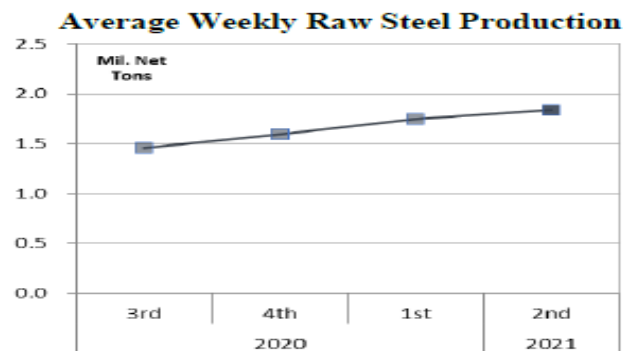
September 13, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

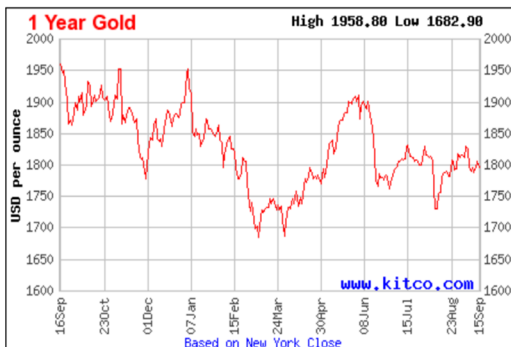
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Sep 11</u>	<u>Sep 4</u>	
<u>Week Ending</u>				North East	174	177
				Great Lakes	638	650
September 11, 2021	1,882	0.9	85.3	Midwest	204	193
September 11, 2020	1,537	22.4	68.6	Southern	786	771
September 4, 2021	1,866	-0.4	84.5	Western	80	75
				Total	1,882	1,866
<u>Year-to-Date +</u>						
September 11, 2021	65,786	20.1	80.8			
September 11, 2020	54,767	-	66.8			

*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 updating the capacity 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 36, 2021 – Ended September 11, 2021

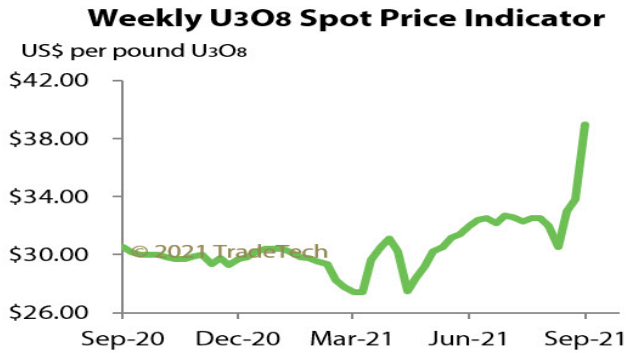
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	223,710	4.5%	8,293,870	230,385	8.2%
Chemicals	29,907	2.3%	1,165,545	32,376	5.7%
Coal	69,927	16.2%	2,284,009	63,445	11.7%
Farm Products excl. Grain, and Food	14,972	-2.2%	562,496	15,625	2.4%
Forest Products	9,554	6.8%	360,763	10,021	8.5%
Grain	16,718	-22.4%	825,526	22,931	9.4%
Metallic Ores and Metals	22,395	23.3%	812,763	22,577	27.9%
Motor Vehicles and Parts	10,121	-32.5%	467,606	12,989	8.6%
Nonmetallic Minerals	30,476	14.0%	1,076,584	29,905	-0.3%
Petroleum and Petroleum Products	9,797	-5.4%	383,096	10,642	-3.6%
Other	9,843	15.3%	355,482	9,875	4.0%
Total Intermodal Units	244,900	-6.0%	9,994,693	277,630	11.5%
Total Traffic	468,610	-1.3%	18,288,563	508,016	10.0%

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.

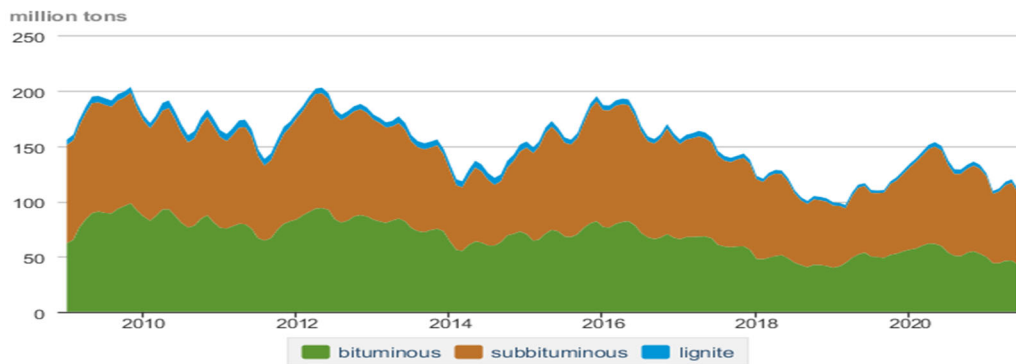
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

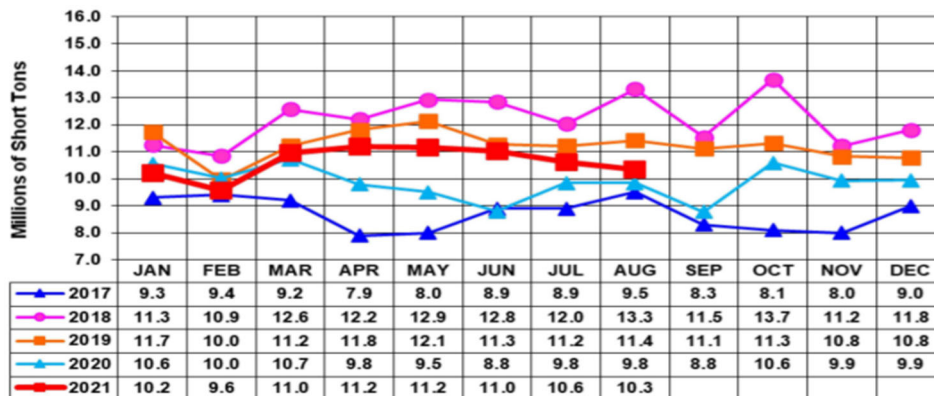
Coal stocks by type, January 2009 - June 2021



eia Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



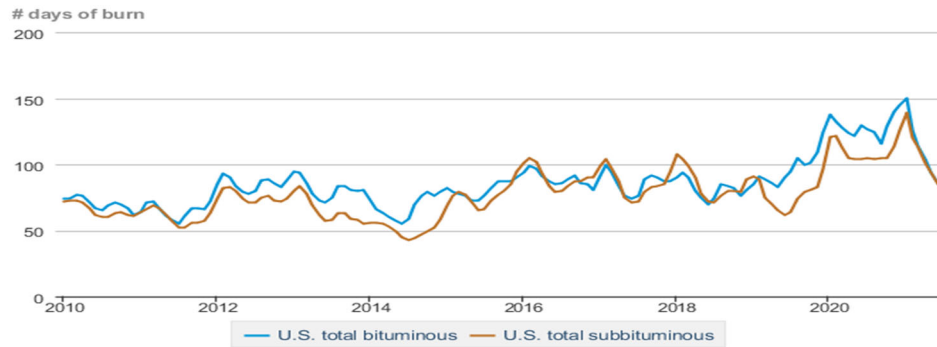
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	08/13/21	08/20/21	08/27/21	09/03/21	09/10/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.95	\$63.85	\$63.85	\$65.80	\$65.80	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$55.05	\$56.75	\$56.75	\$58.85	\$58.85	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.10	\$35.25	\$35.25	\$35.90	\$35.90	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.90	\$11.90	\$13.35	\$13.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.30	\$29.50	\$29.50	\$30.25	\$30.25	\$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 - June 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Sep 09)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	8	-7	4	13	3	-13
Middle Atlantic	6	-3	4	20	-3	-20
E N Central	12	-1	-1	18	-4	-9
W N Central	9	-10	-13	37	6	-1
South Atlantic	1	-1	0	73	1	-20
E S Central	1	-1	1	60	-4	-21
W S Central	0	-1	0	116	18	5
Mountain	2	-22	-12	66	17	-9
Pacific	1	-7	0	62	27	-14
United States	5	-5	-1	53	7	-12

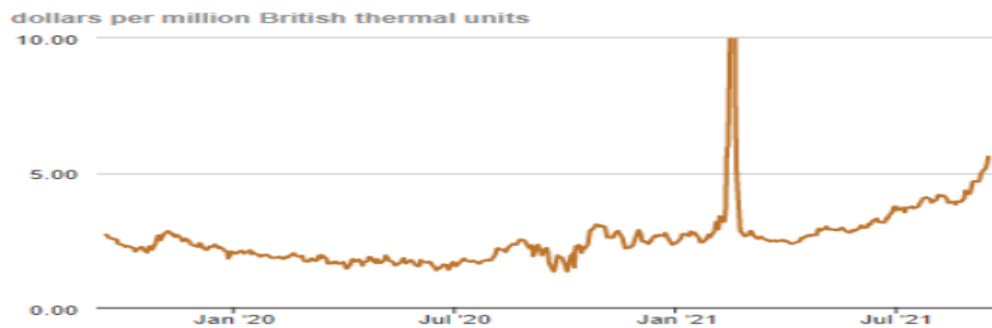
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration
Note: HDDs=heating degree days; CDDs=cooling degree days

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

USGS Production of Selected Mineral Commodities	2021 Year to Date - 2nd Quarter	2020 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	418.0	358.0	17%
Cement (Mil. Mt.)	42.6	41.4	3%
Copper (000 Mt.)	600.0	597.0	1%
Gold (Mt.)	89.2	94.7	-6%
Gypsum (Mil. Mt.)	9.6	8.5	13%
Iron Ore (Mil. Mt.)	12.5	17.4	-28%
Lead (000 Mt.)	146.8	136.7	7%
Molybdenum (000 Mt.)	21.8	24.8	-12%
Phosphate rock (Mil. Mt.)	10.7	12.1	-12%
Sand & gravel, construction (Mil. Mt.)	459.0	420.0	9%
Silver (Mt.)	520.0	456.0	14%
Soda ash (Mil. Mt.)	5.8	5.0	16%
Stone, crushed (Mil. Mt.)	706.0	689.0	2%
Zinc (000 Mt.)	355.0	308.0	15%

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)



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

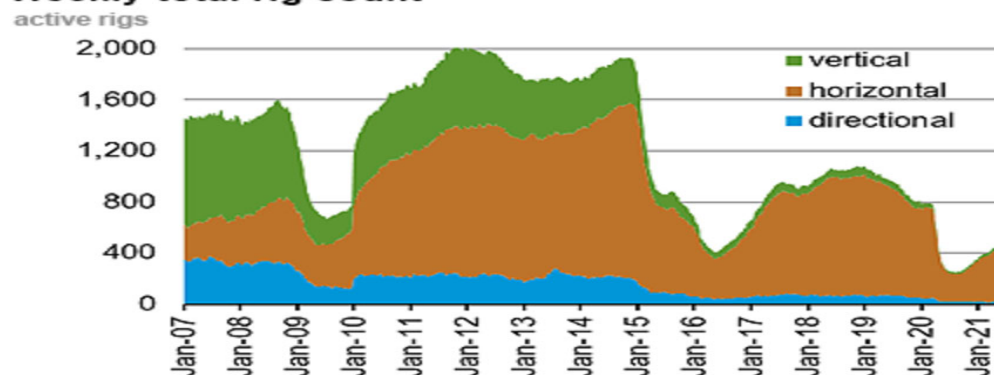
Region	Stocks billion cubic feet (Bcf)		
	2021-09-10	2021-09-03	change
East	732	703	29
Midwest	876	842	34
Mountain	193	191	2
Pacific	240	243	-3
South Central	965	943	22
Total	3,006	2,923	83

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		
	September 2021	October 2021	change	September 2021	October 2021	change
Anadarko	955	898	(57)	5,145	4,836	(309)
Appalachia	186	187	1	30,121	30,127	6
Bakken	2,378	2,250	(128)	3,329	3,150	(179)
Eagle Ford	2,360	2,362	2	8,416	8,458	42
Haynesville	19	19	-	11,647	11,764	117
Niobrara	1,806	1,734	(72)	4,949	4,751	(198)
Permian	1,228	1,223	(5)	2,258	2,246	(12)
Rig-weighted average	1,150	1,159	9	6,702	6,614	(88)

Source: Energy Information Administration, *Drilling Productivity Report*