
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

October 15, 2021 Edition
(Data for Week Ending October 9, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 41
Dated 10/15/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/09/21	10/10/20	% Chng	10/09/21	10/09/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,758	10,621	10.7%	451,369	414,848	8.8%
52 Weeks Ended	570,574	558,789	2.1%			
AAR Coal Rail Cars Loaded:	67,680	62,229	8.8%	2,570,024	2,316,463	10.9%
Coal Production	September 21/20		% Chng	Jan - Sep 21/20		% Chng
Month Ended - September	51,077	45,141	13.1%	436,389	401,297	8.7%
DOC Coal Trade (000 Tons)						
Exports:	Aug 21/20		% Chng	Jan - Aug 21/20		% Chng
Metallurgical	4,260	2,915	46.1%	29,688	27,312	8.7%
Steam Bit. *	3,404	1,599	112.9%	27,116	17,150	58.1%
Lignite	6	6	0.0%	51	60	-15.0%
Anthracite	27	7	285.7%	221	153	44.4%
Total	7,697	4,527	70.0%	57,076	44,675	27.8%
Imports:	368	314	17.2%	3,538	3,272	8.1%
	Week Ended			Cumulative Week 1 to		
	10/09/21	10/10/20	% Chng	10/09/21	10/10/20	% Chng
EEl Electric Total Output (Mil. Kwh)	75,195	69,806	7.7%	3,236,076	3,131,243	3.3%
EEl Coal Region Output (Mil. Kwh)	65,411	60,041	8.9%	2,804,876	2,707,894	3.6%
AISI Raw Steel Output (000 Tons)	1,858	1,549	19.9%	73,267	60,931	20.2%

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)	
	10/08/21	10/01/21	% Chng	Wed.	10/06/21
Central App, 12,500 Btu, 1.2 SO ₂	\$75.50	\$73.25	3.1%	Henry Hub	5.95
Northern App, 13,000 Btu, < 3.0 SO ₂	64.40	62.50	3.0%	New York	5.21
Illinois Basin, 11,800, 5.0 SO ₂	36.25	36.25	0.0%	Chicago	5.75
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.25	13.30	-0.4%	Cal.Comp.Avg.	6.50
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.05	30.15	-0.3%		

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		
	10/9/2021 (week 41)	10/2/2021 (week 40)	10/10/2020 (week 41)	10/9/2021	10/9/2020	% Change	10/9/2021	10/10/2020	% Change
Alabama	228	226	216	8,950	9,694	-7.7	11,379	12,300	-7.5
Alaska	25	24	22	899	775	16.0	1,142	987	15.7
Colorado	220	213	205	8,186	7,704	6.3	10,490	10,204	2.8
Illinois	900	744	628	31,697	24,640	28.6	38,744	32,622	18.8
Indiana	358	355	361	14,865	15,843	-6.2	18,917	21,964	-13.9
Kentucky Total	560	532	490	20,904	18,658	12.0	26,399	25,321	4.3
Eastern (KY)	189	181	165	7,460	6,431	16.0	9,312	8,838	5.4
Western (KY)	372	351	325	13,444	12,227	10.0	17,087	16,483	3.7
Louisiana	5	5	7	201	601	-66.6	276	885	-68.8
Maryland	22	22	21	939	916	2.5	1,174	1,222	-3.9
Mississippi	46	55	28	2,647	2,271	16.5	2,959	2,787	6.2
Missouri	2	2	3	79	125	-37.0	112	160	-30.0
Montana	557	532	535	20,897	20,347	2.7	26,903	27,606	-2.5
New Mexico	171	181	170	7,185	8,319	-13.6	9,093	11,268	-19.3
North Dakota	567	551	507	21,764	20,685	5.2	27,451	26,786	2.5
Ohio	55	54	62	2,110	2,882	-26.8	2,806	4,301	-34.8
Oklahoma	.	.	.	.	1	-100.0	.	41	.
Pennsylvania Total	931	864	773	34,931	27,555	26.8	43,601	38,447	13.4
Anthracite (PA)	39	43	44	1,648	1,873	-12.0	2,142	2,543	-15.8
Bituminous (PA)	892	822	728	33,284	25,683	29.6	41,459	35,905	15.5
Tennessee	.	.	.	.	92	-100.0	.	188	.
Texas	363	363	379	13,566	15,379	-11.8	17,819	20,044	-11.1
Utah	271	269	251	10,516	10,313	2.0	13,333	13,083	1.9
Virginia	226	210	209	8,186	7,459	9.8	10,527	9,927	6.0
West Virginia Total	1,648	1,548	1,366	62,047	51,870	19.6	77,379	70,266	10.1
Northern (WV)	1,015	963	815	36,476	27,920	30.6	45,618	37,531	21.5
Southern (WV)	634	585	552	25,571	23,950	6.8	31,761	32,735	-3.0
Wyoming	4,599	4,662	4,390	180,801	168,718	7.2	230,069	228,379	0.7
Appalachian Total	3,299	3,105	2,812	124,624	106,900	16.6	156,180	145,489	7.3
Interior Total	2,048	1,875	1,730	76,497	71,087	7.6	95,914	94,986	1.0
Western Total	6,411	6,430	6,080	250,248	236,861	5.7	318,480	318,313	0.1
East of Mississippi River	4,976	4,609	4,153	187,276	161,881	15.7	233,887	219,345	6.6
West of Mississippi River	6,782	6,801	6,468	264,093	252,967	4.4	336,687	339,444	-0.8
Bituminous and Lignite	11,719	11,368	10,577	449,721	412,975	8.9	568,433	556,246	2.2
Anthracite	39	43	44	1,648	1,873	-12.0	2,142	2,543	-15.8
U.S. Total	11,758	11,410	10,621	451,369	414,848	8.8	570,574	558,789	2.1
Railroad Cars Loaded	67,680	65,187	62,229	2,570,024	2,316,463	10.9	3,270,837	3,144,261	4.0

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 89 No. 41

OUTPUT FOR WEEK ENDED - Oct 09, 2021

Oct 13, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 09, 2021** was **75,195** gigawatthours (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 October 09		52 Weeks Ended October 09	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,982	3.9	116,159	1.0
Mid-Atlantic	7,436	10.5	417,975	1.1
Central Industrial	11,608	9.2	649,667	2.2
West Central	6,175	8.8	333,920	3.5
Southeast	19,655	12.1	1,014,995	3.1
South Central	15,242	7.8	775,820	2.9
Rocky Mountain	5,295	-0.6	293,848	2.2
Pacific Northwest	2,668	6.9	158,119	2.2
Pacific Southwest	5,134	-4.2	268,139	0.4
Total United States	75,195	7.7	4,028,642	2.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Sep 18	81,776	Sep 19	73,986	10.5	Sep 18	4,013,149	1.5
Sep 25	75,786	Sep 26	69,966	8.3	Sep 25	4,018,970	1.9
Oct 02	75,020	Oct 03	70,736	6.1	Oct 02	4,023,253	2.2
Oct 09	75,195	Oct 10	69,806	7.7	Oct 09	4,028,642	2.4
Oct 09	3,236,076	Oct 10	3,131,243	3.3	YEAR TO DATE, FIRST 41 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Sep 18	184	Sep 19	182	Sep 21	195
Sep 25	178	Sep 26	178	Sep 28	198
Oct 02	178	Oct 03	183	Oct 05	205
Oct 09	187	Oct 10	171	Oct 12	174

* 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		
	9-Oct	10-Oct	% Increase Over Corresponding Week	9-Oct	10-Oct	% Increase Over Corresponding Week	9-Oct	10-Oct	% Increase Over Corresponding Week
	2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output		2021 GWh Output	2020 GWh Output	
New England	1,982	1,908	3.9%	92,562	90,708	2.0%	116,159	115,000	1.0%
Mid-Atlantic	7,436	6,730	10.5%	336,745	327,447	2.8%	417,975	413,510	1.1%
Central Industrial	11,608	10,632	9.2%	522,457	503,495	3.8%	649,667	635,893	2.2%
West Central	6,175	5,674	8.8%	268,127	255,209	5.1%	333,920	322,560	3.5%
Southeast	19,655	17,538	12.1%	815,675	785,598	3.8%	1,014,995	984,232	3.1%
South Central	15,242	14,137	7.8%	627,446	608,484	3.1%	775,820	753,871	2.9%
Rocky Mountain	5,295	5,330	-0.7%	234,426	227,661	3.0%	293,848	287,612	2.2%
Pacific Northwest	2,668	2,495	6.9%	123,871	119,556	3.6%	158,119	154,784	2.2%
Pacific Southwest	5,134	5,362	-4.3%	214,771	213,086	0.8%	268,139	267,003	0.4%
Total United States ^{1/}	<u>75,195</u>	<u>69,806</u>	7.7%	<u>3,236,080</u>	<u>3,131,244</u>	3.3%	<u>4,028,642</u>	<u>3,934,465</u>	2.4%
Coal Regions Only ^{2/}	65,411	60,041	8.9%	2,804,876	2,707,894	3.6%	3,486,225	3,397,678	2.6%

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 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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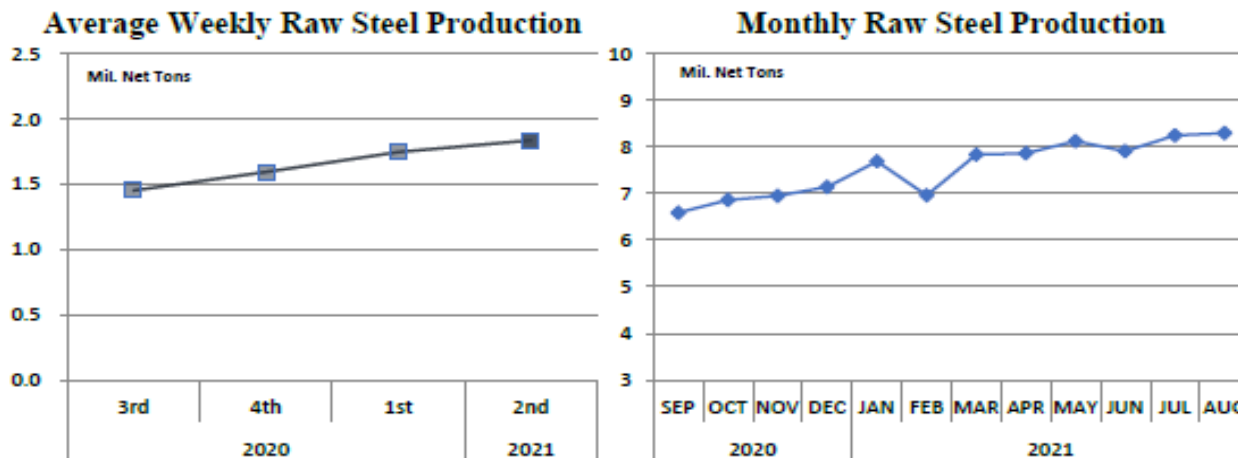
October 12, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

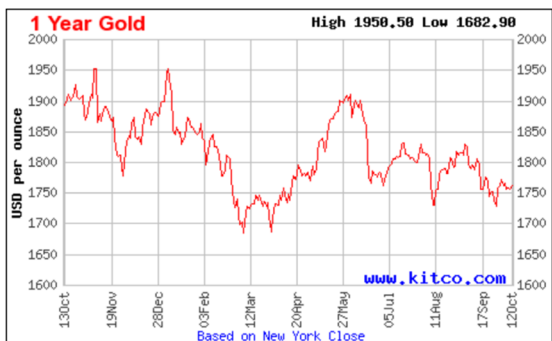
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Oct 9</u>	<u>Week Ending Oct 2</u>	
<u>Week Ending</u>				North East	181	177
				Great Lakes	638	649
October 9, 2021	1,858	-0.7	84.2	Midwest	191	196
October 9, 2020	1,549	19.9	70.1	Southern	768	774
October 2, 2021	1,872	-0.4	84.8	Western	80	76
				Total	1,858	1,872
<u>Year-to-Date +</u>						
October 9, 2021	73,267	20.2	81.2			
October 9, 2020	60,931	-	67.1			

*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: Capacity 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 40, 2021 – Ended October 9, 2021

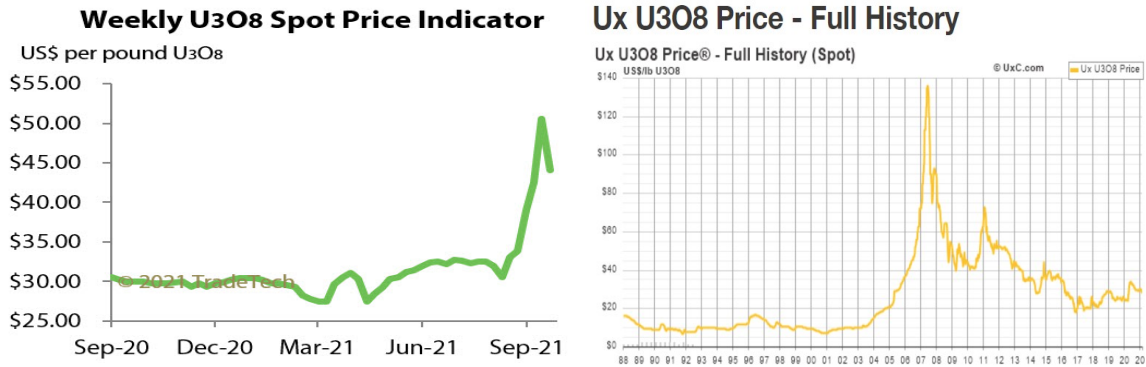
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	239,821	4.0%	9,249,460	231,237	7.8%
Chemicals	32,928	6.0%	1,294,266	32,357	5.6%
Coal	67,680	9.3%	2,555,698	63,892	11.9%
Farm Products excl. Grain, and Food	16,080	-1.0%	626,289	15,657	2.2%
Forest Products	10,253	6.7%	402,302	10,058	8.5%
Grain	24,037	-12.7%	916,866	22,922	7.1%
Metallic Ores and Metals	22,369	28.0%	908,049	22,701	27.2%
Motor Vehicles and Parts	13,058	-18.9%	517,239	12,931	4.0%
Nonmetallic Minerals	33,087	8.5%	1,209,511	30,238	0.7%
Petroleum and Petroleum Products	9,395	-8.2%	423,256	10,581	-3.7%
Other	10,934	9.0%	395,984	9,900	3.9%
Total Intermodal Units	266,821	-7.8%	11,078,929	276,973	9.4%
Total Traffic	506,642	-2.6%	20,328,389	508,210	8.7%

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.

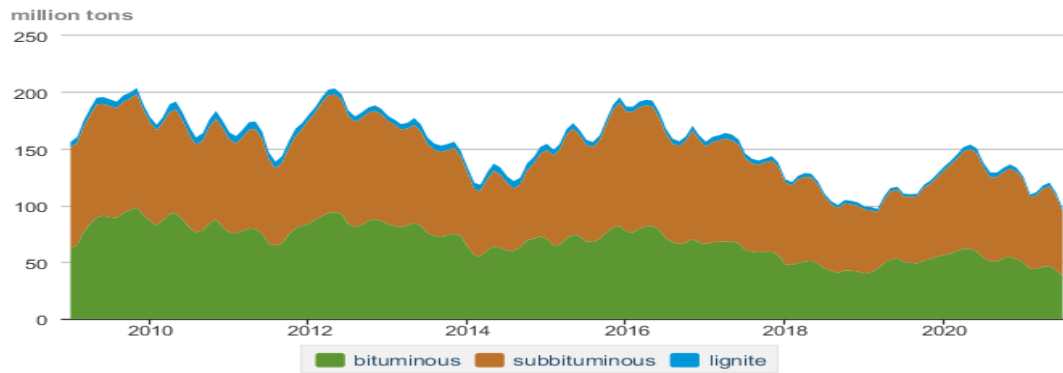
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

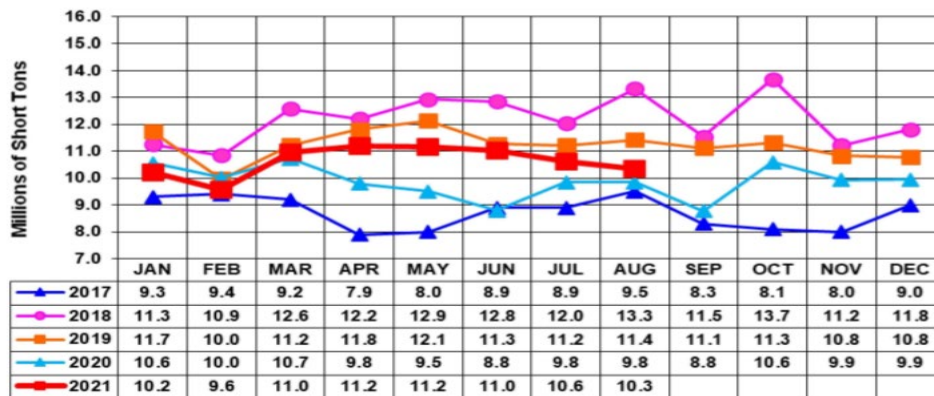
Coal stocks by type, January 2009 - July 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



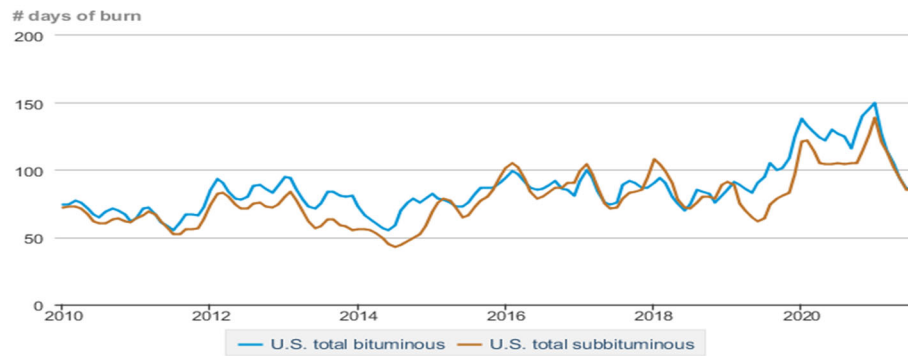
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	09/10/21	09/17/21	09/24/21	10/01/21	10/08/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$65.80	\$71.05	\$71.05	\$73.25	\$75.50	\$2.25
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$58.85	\$60.65	\$60.65	\$62.50	\$64.40	\$1.90
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.90	\$36.25	\$36.25	\$36.25	\$36.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.35	\$13.35	\$13.35	\$13.30	\$13.25	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.25	\$30.25	\$30.25	\$30.15	\$30.05	\$-0.10

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - July 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Sep 30)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	31	-25	20	6	5	-8
Middle Atlantic	26	-20	17	1	-4	-13
E N Central	26	-23	-3	10	4	3
W N Central	19	-31	-11	27	18	11
South Atlantic	13	-6	3	46	0	-8
E S Central	15	-4	-2	33	2	4
W S Central	2	-3	-4	66	7	15
Mountain	32	-21	1	21	-6	-20
Pacific	11	-6	5	11	-9	-29
United States	19	-15	2	25	1	-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

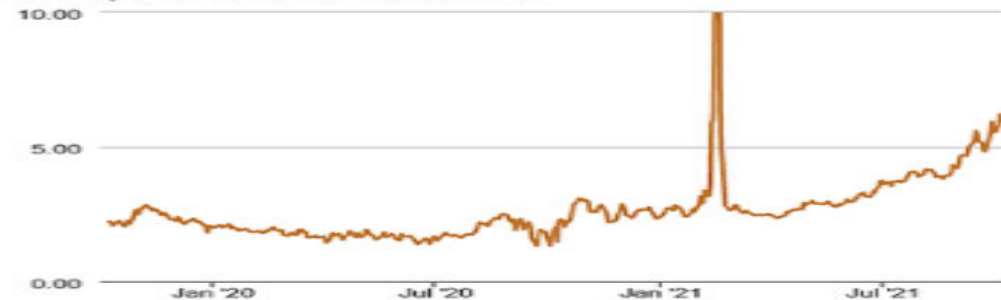
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2021 Year to Date - 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)

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	July 2021		July 2020		% Change of Stocks	June 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,090	328	3,669	271	-43.0%	2,627	365	-20.4%
	Subbituminous			160	213				
South	Bituminous	12,915	64	22,184	115	-41.8%	14,613	65	-11.6%
	Subbituminous	3,919	45	6,712	77	-41.6%	4,931	54	-20.5%
Midwest	Bituminous	9,643	92	13,674	119	-29.5%	11,080	96	-13.0%
	Subbituminous	20,789	107	29,169	128	-28.7%	23,351	106	-11.0%
West	Bituminous	2,452	120	3,598	149	-31.9%	2,770	134	-11.5%
	Subbituminous	19,294	80	27,145	94	-28.9%	21,523	82	-10.4%
U.S. Total	Bituminous	27,099	87	43,125	127	-37.2%	31,090	86	-12.8%
	Subbituminous	44,002	85	63,186	105	-30.4%	49,805	85	-11.7%

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

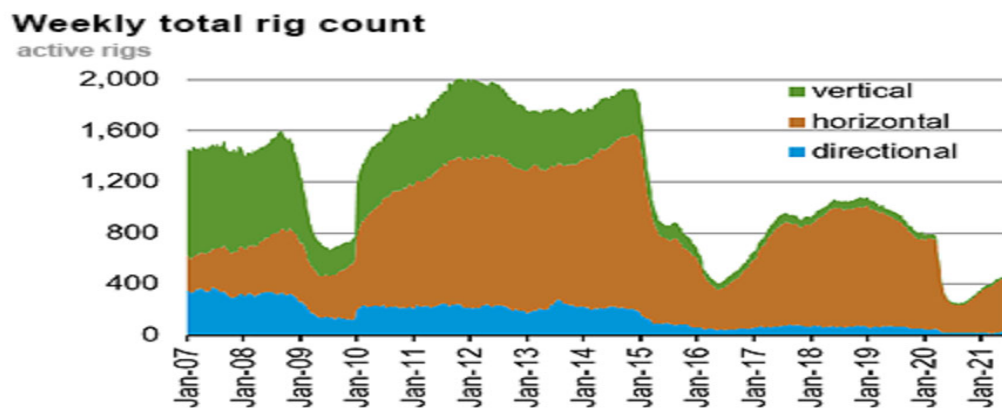
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-10-01	2021-09-24	change
East	810	779	31
Midwest	971	934	37
Mountain	206	201	5
Pacific	248	243	5
South Central	1,054	1,013	41
Total	3,288	3,170	118

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

Region	NEW-WELL PRODUCTION PER RIG BY REGION			PRODUCTION BY REGION			DUC WELLS BY 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	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*