
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

October 8, 2021 Edition
(Data for Week Ending October 2, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 40
Dated 10/08/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/02/21	10/03/20	% Chng	10/02/21	10/02/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,410	10,206	11.8%	439,610	404,304	8.7%
52 Weeks Ended	569,437	561,057	1.5%			
AAR Coal Rail Cars Loaded:	65,187	58,722	11.0%	2,502,344	2,254,687	11.0%
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		
	10/02/21	10/03/20	% Chng	10/02/21	10/03/20	% Chng
EEl Electric Total Output (Mil. Kwh)	75,020	70,736	6.1%	3,160,881	3,061,437	3.2%
EEl Coal Region Output (Mil. Kwh)	65,307	59,923	9.0%	2,739,465	2,647,853	3.5%
AISI Raw Steel Output (000 Tons)	1,872	1,540	21.6%	71,409	59,381	20.3%

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)	
	10/01/21	09/24/21	% Chng	Wed.	09/29/21
Central App, 12,500 Btu, 1.2 SO ₂	\$73.25	\$71.05	3.1%	Henry Hub	5.63
Northern App, 13,000 Btu, < 3.0 SO ₂	62.50	60.65	3.1%	New York	4.69
Illinois Basin, 11,800, 5.0 SO ₂	36.25	36.25	0.0%	Chicago	5.29
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.30	13.35	-0.4%	Cal.Comp.Avg.	6.28
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.15	30.25	-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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State	10/2/2021	9/25/2021	10/3/2020	10/2/2021	10/2/2020	% Change	10/2/2021	10/3/2020	% Change
(thousand short tons)	(week 40)	(week 39)	(week 40)						
Alabama	226	253	214	8,722	9,480	-8.0	11,368	12,317	-7.7
Alaska	24	24	19	874	753	15.9	1,138	984	15.7
Colorado	213	231	191	7,966	7,501	6.2	10,475	10,222	2.5
Illinois	744	795	585	30,797	24,017	28.2	38,472	32,709	17.6
Indiana	355	392	361	14,507	15,485	-6.3	18,920	22,153	-14.6
Kentucky Total	532	561	480	20,343	18,172	12.0	26,328	25,428	3.5
Eastern (KY)	181	192	156	7,271	6,267	16.0	9,289	8,889	4.5
Western (KY)	351	369	324	13,072	11,905	9.8	17,039	16,539	3.0
Louisiana	5	6	6	195	594	-67.1	277	904	-69.4
Maryland	22	23	19	917	895	2.4	1,173	1,229	-4.6
Mississippi	55	71	50	2,600	2,243	15.9	2,940	2,805	4.8
Missouri	2	3	3	76	122	-37.4	113	160	-29.4
Montana	532	564	491	20,340	19,816	2.6	26,881	27,721	-3.0
New Mexico	181	196	190	7,014	8,150	-13.9	9,092	11,363	-20.0
North Dakota	551	600	494	21,197	20,182	5.0	27,391	26,825	2.1
Ohio	54	60	62	2,055	2,820	-27.1	2,813	4,366	-35.6
Oklahoma	.	.	.	.	1	-100.0	.	45	.
Pennsylvania Total	864	856	701	34,001	26,789	26.9	43,443	38,651	12.4
Anthracite (PA)	43	47	44	1,608	1,829	-12.1	2,147	2,559	-16.1
Bituminous (PA)	822	810	657	32,392	24,960	29.8	41,296	36,092	14.4
Tennessee	.	.	.	.	92	-100.0	.	197	.
Texas	363	417	379	13,202	15,003	-12.0	17,835	20,083	-11.2
Utah	269	299	247	10,244	10,064	1.8	13,313	13,079	1.8
Virginia	210	211	177	7,960	7,252	9.8	10,509	9,939	5.7
West Virginia Total	1,548	1,635	1,284	60,399	50,514	19.6	77,097	70,547	9.3
Northern (WV)	963	1,000	750	35,461	27,112	30.8	45,418	37,576	20.9
Southern (WV)	585	635	534	24,937	23,403	6.6	31,679	32,971	-3.9
Wyoming	4,662	5,023	4,254	176,202	164,360	7.2	229,859	229,332	0.2
Appalachian Total	3,105	3,230	2,613	121,324	104,109	16.5	155,693	146,134	6.5
Interior Total	1,875	2,053	1,707	74,449	69,370	7.3	95,596	95,397	0.2
Western Total	6,430	6,937	5,886	243,837	230,826	5.6	318,149	319,527	-0.4
East of Mississippi River	4,609	4,857	3,933	182,300	157,759	15.6	233,064	220,339	5.8
West of Mississippi River	6,801	7,362	6,273	257,311	246,546	4.4	336,373	340,718	-1.3
Bituminous and Lignite	11,368	12,173	10,162	438,002	402,475	8.8	567,291	558,499	1.6
Anthracite	43	47	44	1,608	1,829	-12.1	2,147	2,559	-16.1
U.S. Total	11,410	12,219	10,206	439,610	404,304	8.7	569,437	561,057	1.5
Railroad Cars Loaded	65,187	70,002	58,722	2,502,344	2,254,687	11.0	3,265,386	3,155,934	3.5

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 40

OUTPUT FOR WEEK ENDED - Oct 02, 2021

Oct 06, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 02, 2021** was **75,020** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended October 02		52 Weeks Ended October 02	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,966	-7.5	116,085	0.8
Mid-Atlantic	6,970	-4.1	417,269	0.8
Central Industrial	11,444	9.0	648,692	2.0
West Central	6,480	14.5	333,420	3.4
Southeast	19,672	11.6	1,012,878	2.9
South Central	15,352	15.1	774,716	2.7
Rocky Mountain	5,389	-2.5	293,882	2.3
Pacific Northwest	2,571	3.1	157,945	1.8
Pacific Southwest	5,176	-16.5	268,366	0.7
Total United States	75,020	6.1	4,023,253	2.2

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Sep 11	80,448	Sep 12	77,474	3.8	Sep 11	4,005,360	1.1
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 02	3,160,881	Oct 03	3,061,437	3.2	YEAR TO DATE, FIRST 40 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

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

* 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		
	2-Oct 2021 GWh Output	3-Oct 2020 GWh Output	% Increase Over Corresponding Week	2-Oct 2021 GWh Output	3-Oct 2020 GWh Output	% Increase Over Corresponding Week	2-Oct 2021 GWh Output	3-Oct 2020 GWh Output	% Increase Over Corresponding Week
New England	1,966	2,124	-7.4%	90,580	88,800	2.0%	116,085	115,111	0.8%
Mid-Atlantic	6,970	7,268	-4.1%	329,309	320,717	2.7%	417,269	413,980	0.8%
Central Industrial	11,444	10,498	9.0%	510,849	492,863	3.6%	648,692	635,985	2.0%
West Central	6,480	5,659	14.5%	261,952	249,535	5.0%	333,420	322,509	3.4%
Southeast	19,672	17,628	11.6%	796,020	768,060	3.6%	1,012,878	984,428	2.9%
South Central	15,352	13,341	15.1%	612,204	594,347	3.0%	774,716	754,025	2.7%
Rocky Mountain	5,389	5,529	-2.5%	229,131	222,331	3.1%	293,882	287,394	2.3%
Pacific Northwest	2,571	2,493	3.1%	121,203	117,061	3.5%	157,945	155,096	1.8%
Pacific Southwest	5,176	6,196	-16.5%	209,637	207,724	0.9%	268,366	266,590	0.7%
Total United States ^{1/}	75,020	70,736	6.1%	3,160,885	3,061,438	3.2%	4,023,253	3,935,118	2.2%
Coal Regions Only ^{2/}	65,307	59,923	9.0%	2,739,465	2,647,853	3.5%	3,480,857	3,398,321	2.4%

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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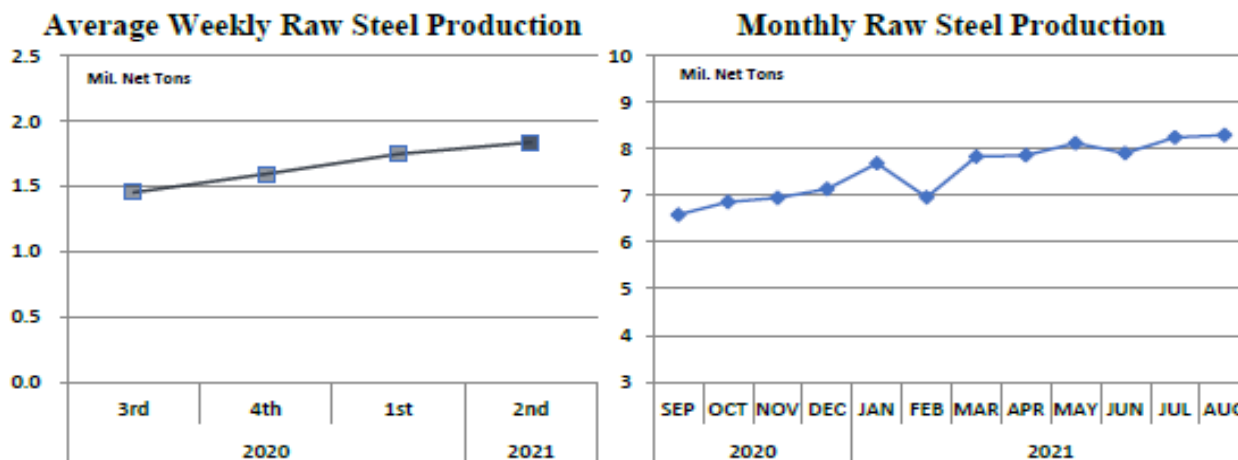
October 4, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

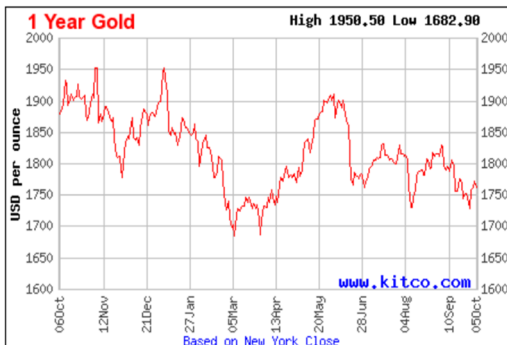
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Oct 25</u>	<u>Week Ending Sep 25</u>	
<u>Week Ending</u>				North East	177	172
				Great Lakes	649	650
October 2, 2021	1,872	-0.4	84.8	Midwest	196	202
October 2, 2020	1,540	21.6	69.0	Southern	774	786
September 25, 2021	1,880	0.3	85.2	Western	<u>76</u>	<u>70</u>
				Total	1,872	1,880
<u>Year-to-Date +</u>						
October 2, 2021	71,409	20.3	81.1			
October 2, 2020	59,381	-	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: 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 39, 2021 – Ended October 2, 2021

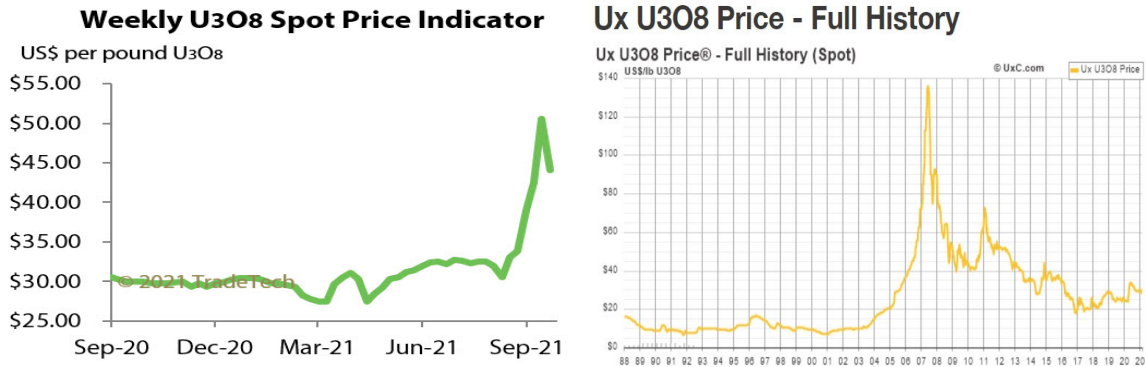
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	241,910	4.2%	9,009,639	231,016	7.9%
Chemicals	32,762	4.5%	1,261,338	32,342	5.6%
Coal	65,187	11.0%	2,488,018	63,795	11.9%
Farm Products excl. Grain, and Food	16,670	2.5%	610,209	15,646	2.3%
Forest Products	10,628	10.2%	392,049	10,053	8.6%
Grain	26,007	-2.0%	892,829	22,893	7.8%
Metallic Ores and Metals	23,999	10.7%	885,680	22,710	27.2%
Motor Vehicles and Parts	13,303	-18.8%	504,181	12,928	4.8%
Nonmetallic Minerals	33,081	8.7%	1,176,424	30,165	0.5%
Petroleum and Petroleum Products	9,827	-5.8%	413,861	10,612	-3.6%
Other	10,446	-3.1%	385,050	9,873	3.7%
Total Intermodal Units	273,939	-4.4%	10,812,108	277,234	9.9%
Total Traffic	515,849	-0.5%	19,821,747	508,250	9.0%

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.

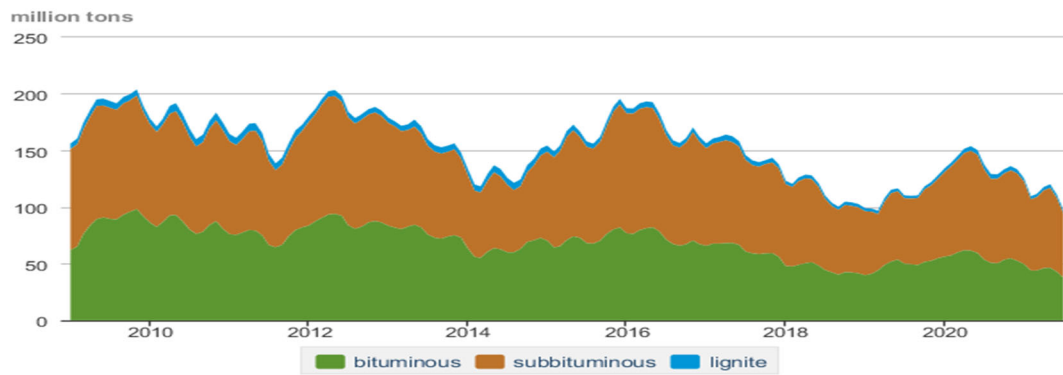
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

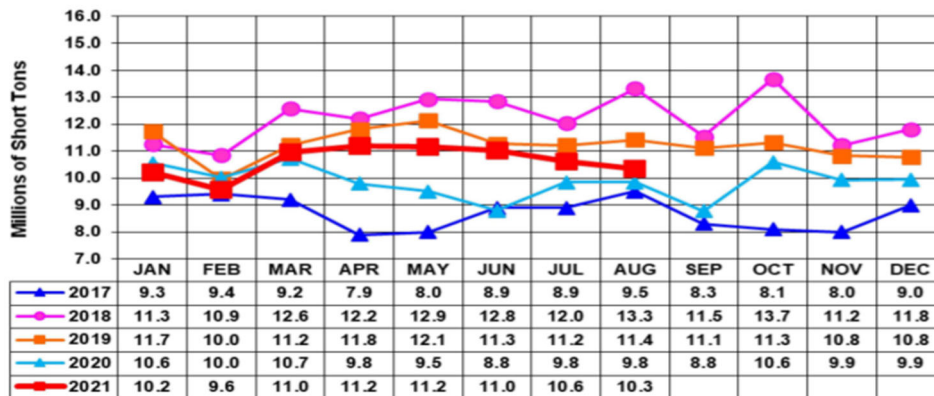
Coal stocks by type, January 2009 - July 2021



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



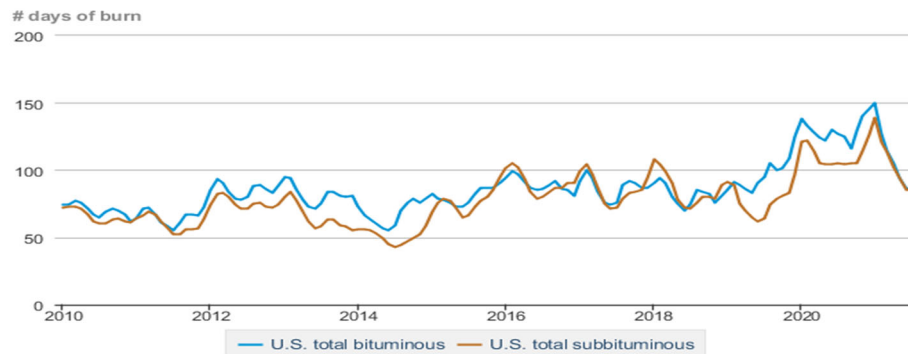
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	09/03/21	09/10/21	09/17/21	09/24/21	10/01/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$65.80	\$65.80	\$71.05	\$71.05	\$73.25	\$2.20
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$58.85	\$58.85	\$60.65	\$60.65	\$62.50	\$1.85
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$35.90	\$35.90	\$36.25	\$36.25	\$36.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$13.35	\$13.35	\$13.35	\$13.35	\$13.30	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.25	\$30.25	\$30.25	\$30.25	\$30.15	-\$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 23)

Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	11	-29	-61	17	16	17
Middle Atlantic	3	-27	-57	29	20	29
E N Central	18	-16	-35	30	21	29
W N Central	24	-14	-13	29	15	20
South Atlantic	2	-8	-29	74	19	29
E S Central	6	-3	-10	57	15	24
W S Central	3	0	-2	90	17	31
Mountain	32	-10	20	36	2	-14
Pacific	7	-6	4	26	-1	-16
United States	11	-13	-21	45	14	18

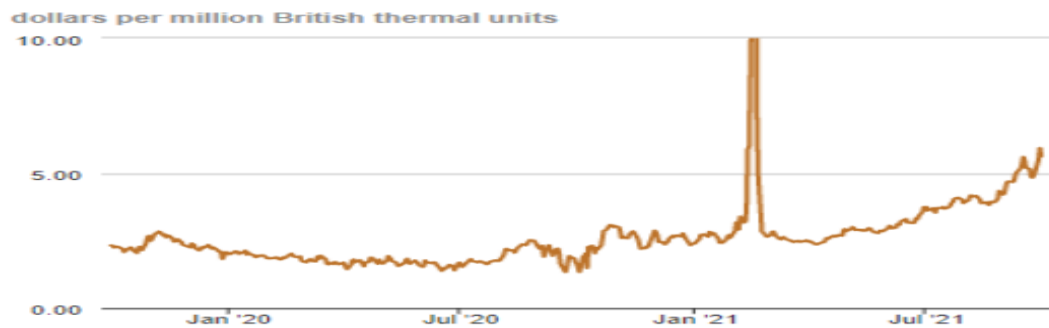
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration
Note: HDDs=heating degree days; CDDs=cooling degree days

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	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

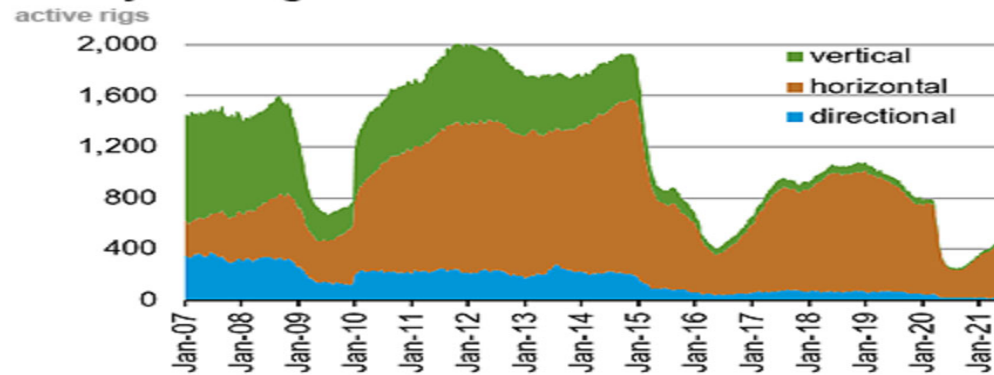
Region	Stocks billion cubic feet (Bcf)		
	2021-09-24	2021-09-17	change
East	779	751	28
Midwest	934	904	30
Mountain	201	196	5
Pacific	243	240	3
South Central	1,013	990	23
Total	3,170	3,082	88

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*