
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

April 23, 2021 Edition
(Data for Week Ending April 17, 2021)

Prepared by
National Mining Association



101 Constitution Avenue, NW, Suite 500 East
Washington, DC, 20001
Phone (202) 463-2600
<http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 59, No. 16
Dated 04/23/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/17/21	04/18/20	% Chng	04/17/21	04/17/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,093	8,769	26.5%	165,633	172,223	-3.8%
52 Weeks Ended	526,572	659,069	-20.1%			
AAR Coal Rail Cars Loaded:	61,600	48,423	27.2%	914,023	955,554	-4.3%
Coal Production Month Ended - Mar	March 21/20		% Chng	Jan - Mar 21/20		% Chng
	49,892	46,061	8.3%	138,749	149,052	-6.9%
DOC Coal Trade (000 Tons)						
Exports:	February 21/20			Jan - Feb 21/20		
			% Chng			% Chng
Metallurgical	3,709	3,561	4.2%	6,958	7,386	-5.8%
Steam Bit. *	3,652	3,262	12.0%	6,092	5,665	7.5%
Lignite	7	9	-22.2%	14	19	-26.3%
Anthracite	31	3	933.3%	71	6	1083.3%
Total	7,399	6,835	8.3%	13,135	13,076	0.5%
Imports:	309	343	-9.9%	835	878	-4.9%
	Week Ended			Cumulative Week 1 to		
	04/17/21	04/18/20	% Chng	04/17/21	04/18/20	% Chng
EI Electric Total Output (Mil. Kwh)	66,881	64,061	4.4%	1,192,803	1,153,394	3.4%
EI Coal Region Output (Mil. Kwh)	57,565	55,403	3.9%	1,029,456	992,007	3.8%
AISI Raw Steel Output (000 Tons)	1,770	1,240	42.7%	26,703	26,665	0.1%

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)	
	04/16/21	04/09/21	% Chng	Wed.	04/14/21
Central App, 12,500 Btu, 1.2 SO ₂	\$59.70	\$59.70	0.0%	Henry Hub	2.60
Northern App, 13,000 Btu, < 3.0 SO ₂	52.00	52.00	0.0%	New York	2.25
Illinois Basin, 11,800, 5.0 SO ₂	34.50	34.50	0.0%	Chicago	2.56
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.10	12.10	0.0%	Cal.Comp.Avg.	3.18
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.40	30.40	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



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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		
	4/17/2021 (week 16)	4/10/2021 (week 15)	4/18/2020 (week 16)	4/17/2021	4/17/2020	% Change	4/17/2021	4/18/2020	% Change
Alabama	312	303	246	4,175	3,870	7.9	12,317	13,322	-7.5
Alaska	25	26	17	383	335	14.2	1,066	1,005	6.1
Arizona	1,940	.
Colorado	215	220	176	3,102	3,115	-0.4	9,999	11,795	-15.2
Illinois	656	654	560	9,357	10,463	-10.6	30,805	40,557	-24.0
Indiana	365	375	337	5,766	6,788	-15.0	18,771	27,777	-32.4
Kentucky Total	448	436	327	6,628	8,055	-17.7	22,672	31,987	-29.1
Eastern (KY)	144	146	132	2,180	2,714	-19.7	7,679	11,801	-34.9
Western (KY)	304	289	195	4,448	5,341	-16.7	14,993	20,186	-25.7
Louisiana	9	11	8	254	444	-42.8	486	1,536	-68.4
Maryland	22	24	21	358	371	-3.5	1,079	1,381	-21.9
Mississippi	81	80	60	991	718	38.1	2,853	2,650	7.7
Missouri	4	4	3	53	51	3.3	160	180	-11.1
Montana	498	513	424	8,098	8,906	-9.1	25,558	34,425	-25.8
New Mexico	197	203	164	3,172	3,581	-11.4	9,819	13,506	-27.3
North Dakota	690	688	472	9,880	8,432	17.2	27,824	26,938	3.3
Ohio	58	60	54	1,022	1,391	-26.5	3,211	6,696	-52.0
Oklahoma	s	s	.	15	1	NM	15	152	-90.1
Pennsylvania Total	650	650	484	10,616	12,413	-14.5	34,312	46,947	-26.9
Anthracite (PA)	45	47	33	765	748	2.3	2,273	2,685	-15.3
Bituminous (PA)	605	604	451	9,851	11,666	-15.6	32,039	44,262	-27.6
Tennessee	7	7	.	119	92	29.4	119	432	-72.5
Texas	427	421	302	5,909	5,820	1.5	19,005	21,562	-11.9
Utah	328	336	239	4,587	4,152	10.5	13,567	13,541	0.2
Virginia	181	191	147	3,046	3,529	-13.7	9,329	12,169	-23.3
West Virginia Total	1,368	1,373	1,144	19,938	21,191	-5.9	65,856	85,079	-22.6
Northern (WV)	809	810	630	11,110	10,610	4.7	37,600	42,743	-12.0
Southern (WV)	559	564	514	8,828	10,581	-16.6	28,256	42,336	-33.3
Wyoming	4,553	4,610	3,585	68,164	68,506	-0.5	217,748	263,493	-17.4
Appalachian Total	2,741	2,753	2,228	41,454	45,570	-9.0	133,901	177,827	-24.7
Interior Total	1,845	1,834	1,465	26,795	29,626	-9.6	87,089	114,598	-24.0
Western Total	6,506	6,597	5,077	97,385	97,027	0.4	305,582	366,643	-16.7
East of Mississippi River	4,147	4,152	3,379	62,017	68,880	-10.0	201,324	268,996	-25.2
West of Mississippi River	6,946	7,033	5,390	103,616	103,343	0.3	325,248	390,072	-16.6
Bituminous and Lignite	11,048	11,138	8,736	164,868	171,476	-3.9	524,300	656,384	-20.1
Anthracite	45	47	33	765	748	2.3	2,273	2,685	-15.3
U.S. Total	11,093	11,185	8,769	165,633	172,223	-3.8	526,572	659,069	-20.1
Railroad Cars Loaded	61,600	62,136	48,423	914,023	955,554	-4.3	2,977,535	3,750,143	-20.6

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 16

OUTPUT FOR WEEK ENDED - Apr 17, 2021

Apr 21, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 17, 2021** was **66,881** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **164** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 17		52 Weeks Ended April 17	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,949	4.9	115,617	0.6
Mid-Atlantic	6,738	2.5	413,216	-1.5
Central Industrial	10,978	2.2	636,022	-1.6
West Central	5,529	2.4	324,562	-0.2
Southeast	16,329	0.6	999,793	-1.5
South Central	13,367	9.7	764,021	-0.8
Rocky Mountain	4,624	8.5	289,081	1.5
Pacific Northwest	2,869	5.1	154,276	-0.9
Pacific Southwest	4,498	10.5	266,631	0.3
Total United States	66,881	4.4	3,963,219	-0.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Mar 27	67,594	Mar 28	68,232	-0.9	Mar 27	3,953,969	-1.3
Apr 03	68,183	Apr 04	64,896	5.1	Apr 03	3,957,255	-1.2
Apr 10	67,321	Apr 11	64,177	4.9	Apr 10	3,960,399	-1.0
Apr 17	66,881	Apr 18	64,061	4.4	Apr 17	3,963,219	-0.8
Apr 17	1,192,803	Apr 18	1,153,394	3.4	YEAR TO DATE, FIRST 16 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Mar 27	161	Mar 28	170	Mar 30	175
Apr 03	165	Apr 04	164	Apr 06	180
Apr 10	165	Apr 11	164	Apr 13	180
Apr 17	164	Apr 18	164	Apr 20	176

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	17-Apr 2021 GWh Output	18-Apr 2020 GWh Output	% Increase Over Corresponding Week	17-Apr 2021 GWh Output	18-Apr 2020 GWh Output	% Increase Over Corresponding Week	17-Apr 2021 GWh Output	18-Apr 2020 GWh Output	% Increase Over Corresponding Week
New England	1,949	1,858	4.9%	35,726	34,416	3.8%	115,617	114,906	0.6%
Mid-Atlantic	6,738	6,575	2.5%	126,143	121,604	3.7%	413,216	419,416	-1.5%
Central Industrial	10,978	10,744	2.2%	199,905	194,588	2.7%	636,022	646,055	-1.6%
West Central	5,529	5,402	2.4%	98,895	95,337	3.7%	324,562	325,060	-0.2%
Southeast	16,329	16,232	0.6%	303,915	289,043	5.1%	999,793	1,014,634	-1.5%
South Central	13,367	12,187	9.7%	217,153	209,988	3.4%	764,021	769,908	-0.8%
Rocky Mountain	4,624	4,263	8.5%	83,445	81,447	2.5%	289,081	284,883	1.5%
Pacific Northwest	2,869	2,731	5.1%	53,950	53,478	0.9%	154,276	155,743	-0.9%
Pacific Southwest	4,498	4,069	10.5%	73,673	73,493	0.2%	266,631	265,947	0.3%
Total United States ^{1/}	<u>66,881</u>	<u>64,061</u>	4.4%	<u>1,192,805</u>	<u>1,153,394</u>	3.4%	<u>3,963,219</u>	<u>3,996,552</u>	-0.8%
Coal Regions Only ^{2/}	57,565	55,403	3.9%	1,029,456	992,007	3.8%	3,426,695	3,459,956	-1.0%

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*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

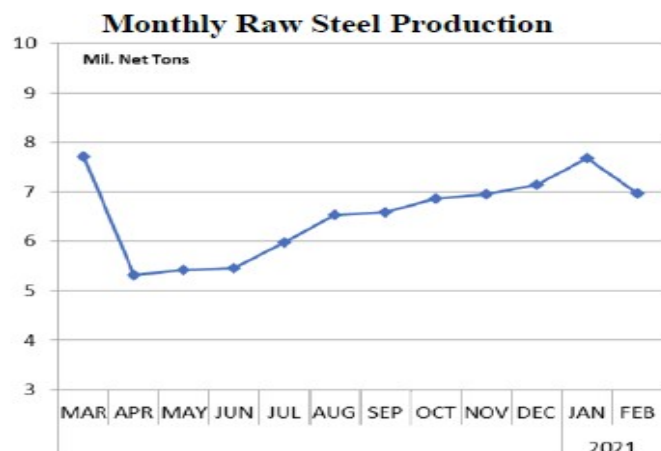
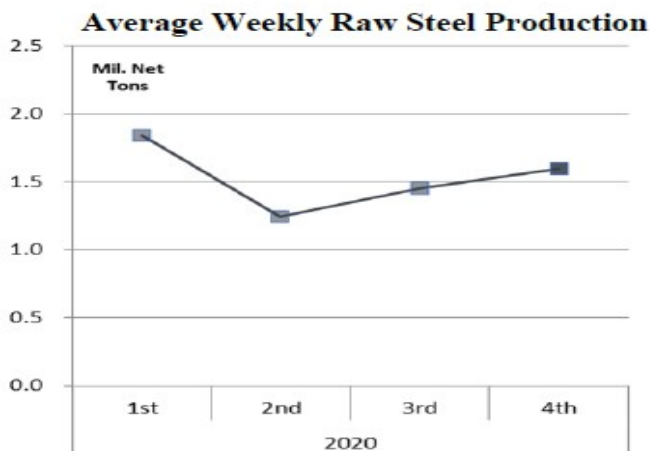
April 19, 2021

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</u>		
				<u>Apr 17</u>	<u>Apr 10</u>	
<u>Week Ending</u>				North East	164	154
				Great Lakes	603	623
April 17, 2021	1,770	0.5	78.0	Midwest	183	175
April 17, 2020	1,240	42.7	55.4	Southern	747	740
April 10, 2021	1,761	-0.3	77.6	Western	73	69
				Total	1,770	1,761
<u>Year-to-Date +</u>						
April 17, 2021	26,703	0.1	77.1			
April 17, 2020	26,665	-	73.7			

*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: Capacity for the first quarter 2021 is approximately 29.1 million net tons vs. 30.1 million net tons for the same period last year, and 29.1 million tons for the fourth quarter of 2020.



*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 15, 2021 – Ended April 17, 2021

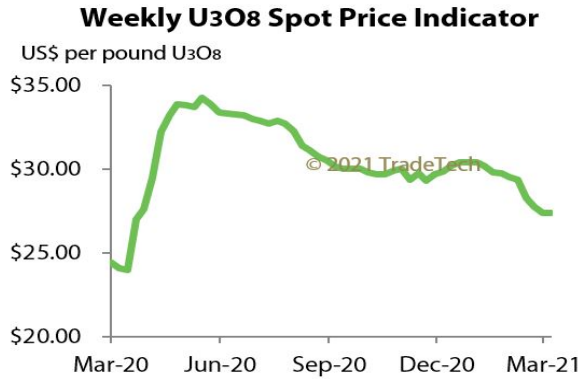
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	237,607	25.2%	3,382,004	225,467	0.2%
Chemicals	32,244	10.8%	477,054	31,804	-1.6%
Coal	61,600	27.2%	899,692	59,979	-2.4%
Farm Products excl. Grain, and Food	16,555	22.3%	240,042	16,003	2.4%
Forest Products	9,872	14.1%	148,569	9,905	2.4%
Grain	26,236	26.8%	379,720	25,315	24.5%
Metallic Ores and Metals	24,803	43.6%	318,371	21,225	4.7%
Motor Vehicles and Parts	12,549	545.9%	210,619	14,041	7.0%
Nonmetallic Minerals	32,629	7.2%	401,094	26,740	-10.8%
Petroleum and Petroleum Products	10,829	-1.1%	164,280	10,952	-12.3%
Other	10,290	18.3%	142,563	9,504	-3.0%
Total Intermodal Units	295,610	38.3%	4,195,580	279,705	15.7%
Total Traffic	533,217	32.2%	7,577,584	505,172	8.2%

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.

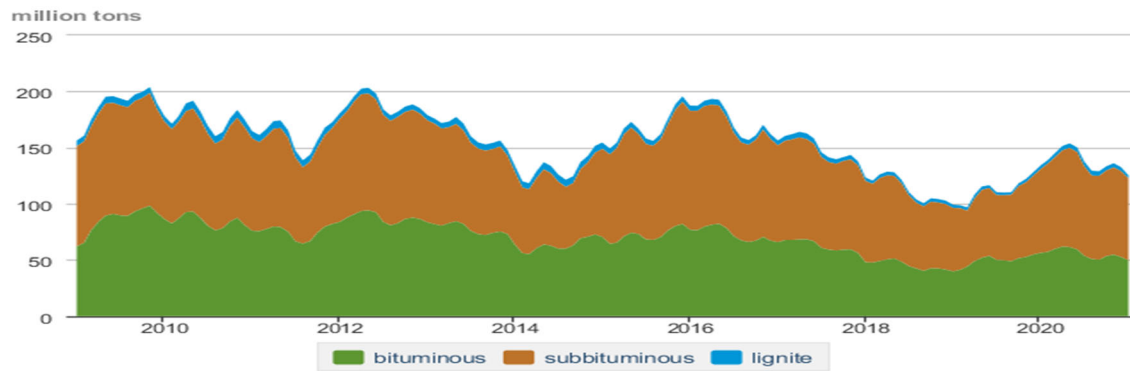
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

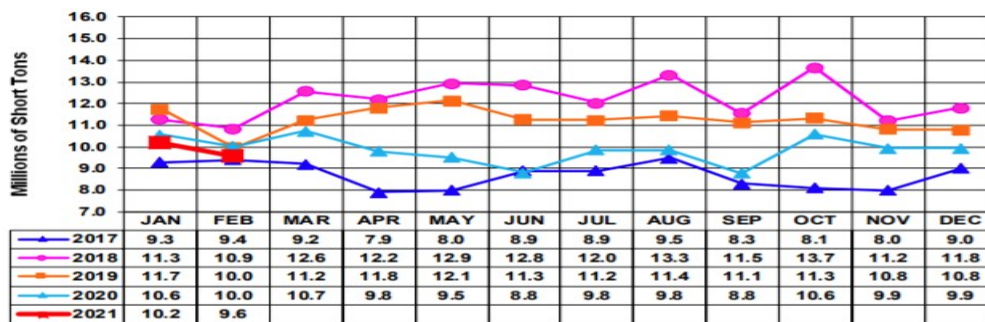
Coal stocks by type, January 2009 - January 2021



eia Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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



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.

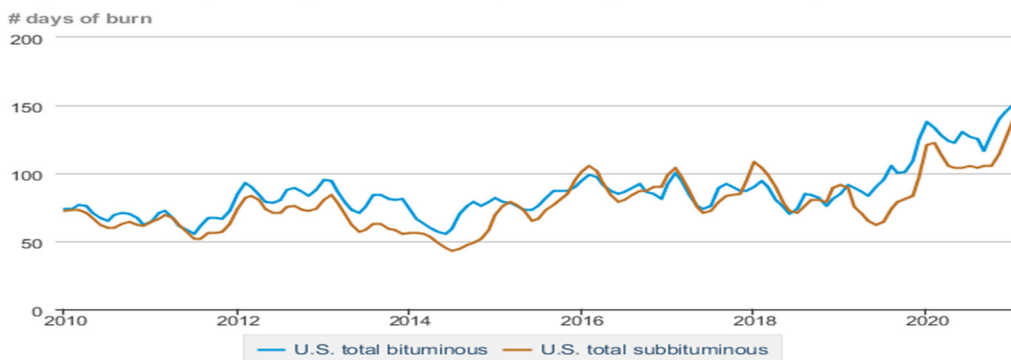
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	03/19/21	03/26/21	04/02/21	04/09/21	04/16/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.90	\$60.90	\$60.90	\$59.70	\$59.70	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$53.35	\$53.35	\$53.35	\$52.00	\$52.00	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.50	\$34.50	\$34.50	\$34.50	\$34.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.90	\$11.90	\$11.90	\$12.10	\$12.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.80	\$30.80	\$30.80	\$30.40	\$30.40	\$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 - January 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 08)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	142	-15	3	0	0	0
Middle Atlantic	117	-24	8	0	0	0
E N Central	81	-64	-39	2	2	2
W N Central	73	-66	-58	2	1	0
South Atlantic	75	1	15	8	-5	-9
E S Central	65	-3	16	4	-1	-1
W S Central	29	-6	-9	23	8	1
Mountain	79	-49	-51	12	6	9
Pacific	55	-20	-49	0	-2	0
United States	77	-33	-24	5	1	-1

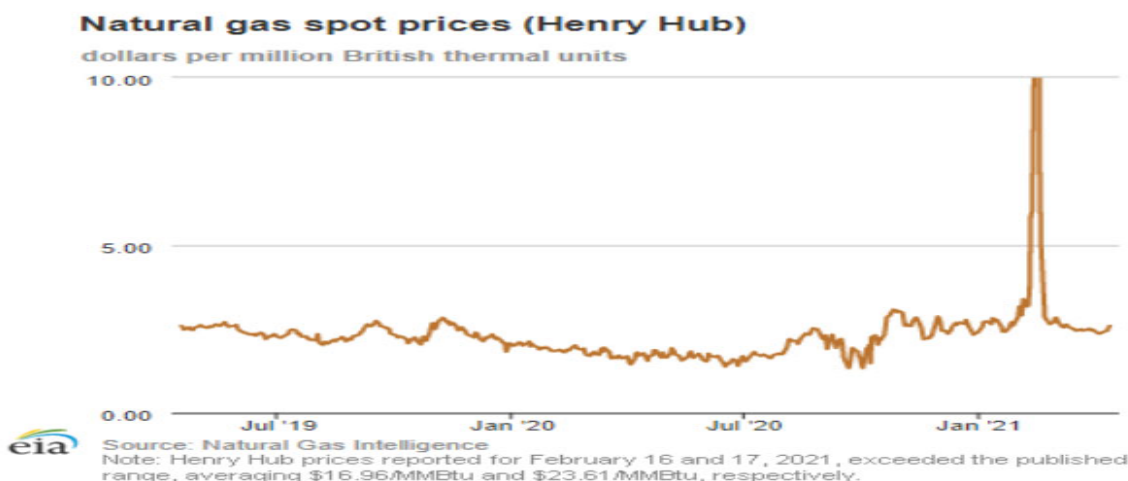
Note: HDD = heating degree day; CDD = cooling degree day

Source: National Oceanic and Atmospheric Administration

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

USGS Production of Selected Mineral Commodities	2020 Year to Date - 3rd Quarter	2019 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	609.0	628.0	-3%
Cement (Mil. Mt.)	66.3	66.0	0%
Copper (000 Mt.)	908.0	959.0	-5%
Gold (Mt.)	137.0	148.0	-7%
Gypsum (Mil. Mt.)	12.8	13.1	-2%
Iron Ore (Mil. Mt.)	27.0	35.6	-24%
Lead (000 Mt.)	215.0	206.0	4%
Molybdenum (000 Mt.)	41.7	31.9	31%
Phosphate rock (Mil. Mt.)	17.9	17.3	3%
Sand & gravel, construction (Mil. Mt.)	719.0	731.0	-2%
Silver (Mt.)	780.0	737.0	6%
Soda ash (Mil. Mt.)	7.2	8.7	-17%
Stone, crushed (Mil. Mt.)	1,100.0	1,140.0	-4%
Zinc (000 Mt.)	501.0	565.0	-11%

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: 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	January 2021		January 2020		% Change of Stocks	December 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,386	365	4,450	335	-23.9%	3,657	313	-7.4%
	Subbituminous	72	189	162	307	-55.4%	158	293	-54.4%
South	Bituminous	19,320	143	24,006	137	-19.5%	20,958	136	-7.8%
	Subbituminous	5,886	111	7,582	112	-22.4%	6,491	107	-9.3%
Midwest	Bituminous	11,877	131	12,363	113	-3.9%	13,470	127	-11.8%
	Subbituminous	28,008	156	26,153	127	7.1%	28,153	141	-0.5%
West	Bituminous	2,990	177	3,212	160	-6.9%	3,838	199	-22.1%
	Subbituminous	24,873	132	27,020	117	-7.9%	24,029	115	3.5%
U.S. Total	Bituminous	37,573	150	44,031	138	-14.7%	41,923	145	-10.4%
	Subbituminous	58,839	139	60,917	121	-3.4%	58,832	125	0.0%

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

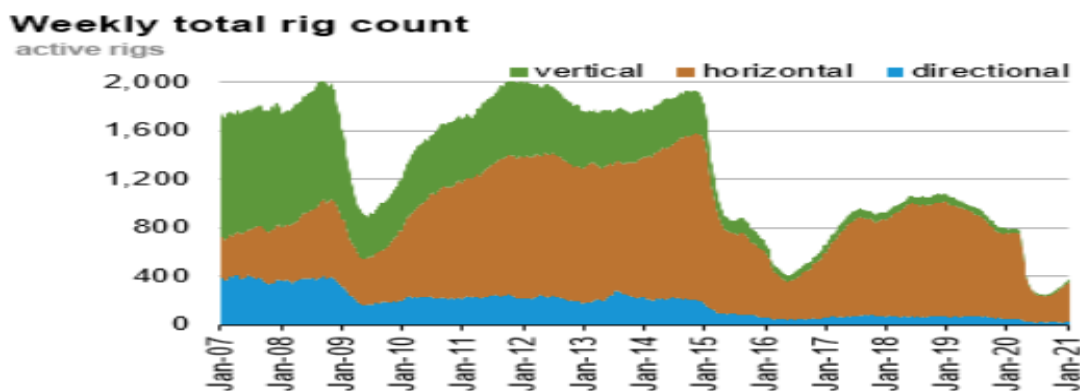
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-04-09	2021-04-02	change
East	311	305	6
Midwest	414	398	16
Mountain	118	115	3
Pacific	205	198	7
South Central	798	768	30
Total	1,845	1,784	61

Source: Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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

EIA Natural Gas Rig Count



Source: Baker Hughes Co.

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					
	April 2021	May 2021	change	April 2021	May 2021	change			
Anadarko	1,032	1,030	(2)	5,699	5,688	(11)			
Appalachia	182	184	2	27,708	27,985	277			
Bakken	2,427	2,423	(4)	3,219	3,214	(5)			
Eagle Ford	2,304	2,327	23	7,742	7,819	77			
Haynesville	19	19	-	11,425	11,437	12			
Niobrara	1,936	1,935	(1)	5,515	5,504	(11)			
Permian	1,249	1,236	(13)	2,294	2,259	(35)			
Rig-weighted average	1,125	1,122	(3)	6,869	6,855	(14)			

Source: Energy Information Administration, *Drilling Productivity Report*