
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

May 21, 2021 Edition
(Data for Week Ending May 15, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 20
Dated 05/21/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/15/21	05/16/20	% Chng	05/15/21	05/15/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,308	8,286	48.5%	212,146	206,007	3.0%
52 Weeks Ended	539,364	634,819	-15.0%			
AAR Coal Rail Cars Loaded:	68,327	45,756	49.3%	1,172,247	1,142,110	2.6%
Coal Production Month Ended - Apr	April 21/20		% Chng	Jan - Apr 21/20		% Chng
	48,324	39,000	23.9%	187,073	188,052	-0.5%
DOC Coal Trade (000 Tons)						
Exports:	March 21/20		% Chng	Jan - Mar 21/20		% Chng
Metallurgical	3,390	4,282	-20.8%	10,348	11,668	-11.3%
Steam Bit. *	4,162	2,590	60.7%	10,254	8,255	24.2%
Lignite	7	8	-12.5%	21	27	-22.2%
Anthracite	27	37	-27.0%	98	43	127.9%
Total	7,586	6,917	9.7%	20,721	19,993	3.6%
Imports:	241	461	-47.7%	1,075	1,339	-19.7%
	Week Ended			Cumulative Week 1 to		
	05/15/21	05/16/20	% Chng	05/15/21	05/16/20	% Chng
EI Electric Total Output (Mil. Kwh)	69,058	66,055	4.5%	1,469,003	1,414,098	3.9%
EI Coal Region Output (Mil. Kwh)	59,652	57,147	4.4%	1,268,083	1,216,189	4.3%
AISI Raw Steel Output (000 Tons)	1,799	1,223	47.1%	33,888	31,588	7.3%

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)	
	05/14/21	05/07/21	% Chng	Wed.	05/12/21
Central App, 12,500 Btu, 1.2 SO ₂	\$59.70	\$59.70	0.0%	Henry Hub	2.90
Northern App, 13,000 Btu, < 3.0 SO ₂	53.60	53.60	0.0%	New York	2.25
Illinois Basin, 11,800, 5.0 SO ₂	34.50	34.50	0.0%	Chicago	2.80
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.05	12.05	0.0%	Cal.Comp.Avg.	3.30
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.30	30.30	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		
	5/15/2021 (week 20)	5/8/2021 (week 19)	5/16/2020 (week 20)	5/15/2021	5/15/2020	% Change	5/15/2021	5/16/2020	% Change
Alabama	318	318	232	5,416	4,817	12.4	12,612	13,003	-3.0
Alaska	30	25	17	492	403	22.3	1,108	993	11.6
Arizona	1,372	.
Colorado	248	218	166	4,025	3,793	6.1	10,245	11,443	-10.5
Illinois	702	668	529	12,051	12,620	-4.5	31,345	38,840	-19.3
Indiana	415	371	319	7,323	8,087	-9.4	19,031	26,453	-28.1
Kentucky Total	460	456	309	8,418	9,314	-9.6	23,206	30,179	-23.1
Eastern (KY)	161	147	124	2,787	3,221	-13.5	7,780	11,101	-29.9
Western (KY)	299	309	184	5,632	6,093	-7.6	15,427	19,078	-19.1
Louisiana	11	9	8	297	475	-37.5	498	1,444	-65.5
Maryland	27	22	20	457	454	0.7	1,096	1,343	-18.4
Mississippi	92	83	56	1,334	947	40.8	2,967	2,627	12.9
Missouri	4	4	3	68	62	9.6	164	175	-6.3
Montana	564	507	401	10,220	10,540	-3.0	26,050	33,326	-21.8
New Mexico	227	200	155	4,020	4,213	-4.6	10,036	12,852	-21.9
North Dakota	748	703	446	12,732	10,249	24.2	28,863	26,831	7.6
Ohio	64	59	51	1,265	1,598	-20.8	3,248	6,135	-47.1
Oklahoma	s	s	.	16	1	NM	16	133	-88.0
Pennsylvania Total	693	661	457	13,281	14,278	-7.0	35,115	44,403	-20.9
Anthracite (PA)	53	46	31	961	875	9.8	2,342	2,592	-9.6
Bituminous (PA)	640	616	426	12,319	13,403	-8.1	32,773	41,811	-21.6
Tennessee	7	7	.	147	92	60.2	147	398	-63.1
Texas	461	435	285	7,666	6,984	9.8	19,601	21,079	-7.0
Utah	379	333	226	5,997	5,072	18.2	14,059	13,194	6.6
Virginia	207	185	139	3,825	4,094	-6.6	9,544	11,699	-18.4
West Virginia Total	1,510	1,392	1,081	25,653	25,598	0.2	67,171	81,315	-17.4
Northern (WV)	907	823	596	14,515	13,039	11.3	38,580	41,071	-6.1
Southern (WV)	603	569	485	11,138	12,559	-11.3	28,591	40,244	-29.0
Wyoming	5,139	4,634	3,387	87,443	82,316	6.2	223,243	255,582	-12.7
Appalachian Total	2,987	2,790	2,105	52,831	54,152	-2.4	136,713	169,397	-19.3
Interior Total	1,986	1,878	1,384	34,386	35,268	-2.5	89,048	109,829	-18.9
Western Total	7,336	6,622	4,797	124,929	116,587	7.2	313,603	355,593	-11.8
East of Mississippi River	4,496	4,221	3,193	79,170	81,899	-3.3	205,482	256,394	-19.9
West of Mississippi River	7,813	7,069	5,093	132,976	124,108	7.1	333,881	378,425	-11.8
Bituminous and Lignite	12,255	11,244	8,255	211,185	205,132	3.0	537,022	632,226	-15.1
Anthracite	53	46	31	961	875	9.8	2,342	2,592	-9.6
U.S. Total	12,308	11,290	8,286	212,146	206,007	3.0	539,364	634,819	-15.0
Railroad Cars Loaded	68,327	62,675	45,756	1,172,247	1,142,110	2.6	3,049,554	3,606,140	-15.4

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 20

OUTPUT FOR WEEK ENDED - May 15, 2021

May 19, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 15, 2021** was **69,058** 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 May 15		52 Weeks Ended May 15	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,775	1.0	115,689	1.1
Mid-Atlantic	6,588	1.0	414,020	-0.9
Central Industrial	10,944	6.2	639,640	-0.3
West Central	5,548	5.4	326,362	1.0
Southeast	17,599	4.1	1,005,558	-0.1
South Central	13,961	4.2	765,844	-0.5
Rocky Mountain	5,012	5.1	289,717	1.6
Pacific Northwest	2,690	4.1	154,604	-0.7
Pacific Southwest	4,941	8.2	267,281	0.8
Total United States	69,058	4.5	3,978,714	0.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Apr 24	67,705	Apr 25	64,689	4.7	Apr 24	3,966,234	-0.7
May 01	69,091	May 02	64,307	7.4	May 01	3,971,019	-0.4
May 08	70,346	May 09	65,654	7.1	May 08	3,975,711	-0.2
May 15	69,058	May 16	66,055	4.5	May 15	3,978,714	0.0
May 15	1,469,003	May 16	1,414,098	3.9	YEAR TO DATE, FIRST 20 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Apr 24	168	Apr 25	170	Apr 27	184
May 01	170	May 02	167	May 04	190
May 08	170	May 09	167	May 11	184
May 15	164	May 16	165	May 18	184

* 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		
	15-May 2021 GWh Output	16-May 2020 GWh Output	% Increase Over Corresponding Week	15-May 2021 GWh Output	16-May 2020 GWh Output	% Increase Over Corresponding Week	15-May 2021 GWh Output	16-May 2020 GWh Output	% Increase Over Corresponding Week
New England	1,775	1,758	1.0%	43,016	41,634	3.3%	115,689	114,438	1.1%
Mid-Atlantic	6,588	6,520	1.0%	152,930	147,585	3.6%	414,020	417,839	-0.9%
Central Industrial	10,944	10,301	6.2%	244,021	235,087	3.8%	639,640	641,780	-0.3%
West Central	5,548	5,262	5.4%	121,306	115,948	4.6%	326,362	322,995	1.0%
Southeast	17,599	16,898	4.1%	374,466	353,828	5.8%	1,005,558	1,006,326	-0.1%
South Central	13,961	13,398	4.2%	272,427	263,441	3.4%	765,844	769,380	-0.5%
Rocky Mountain	5,012	4,768	5.1%	102,933	100,300	2.6%	289,717	285,050	1.6%
Pacific Northwest	2,690	2,584	4.1%	65,080	64,279	1.2%	154,604	155,654	-0.7%
Pacific Southwest	4,941	4,566	8.2%	92,826	91,997	0.9%	267,281	265,265	0.8%
Total United States ^{1/}	<u>69,058</u>	<u>66,055</u>	4.5%	<u>1,469,005</u>	<u>1,414,099</u>	3.9%	<u>3,978,715</u>	<u>3,978,727</u>	0.0%
Coal Regions Only ^{2/}	59,652	57,147	4.4%	1,268,083	1,216,189	4.3%	3,441,141	3,443,370	-0.1%

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 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*.

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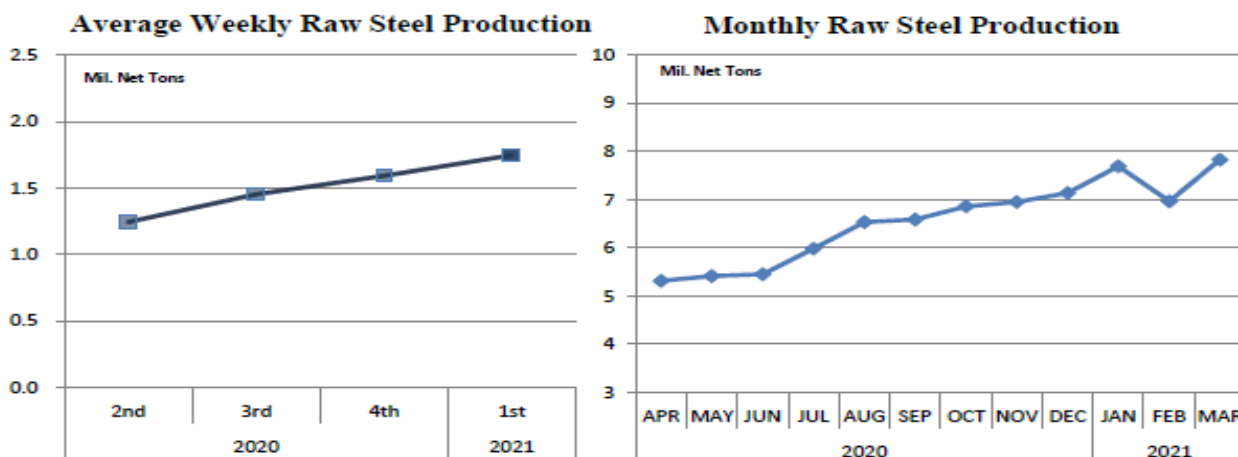
May 17, 2021

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>May 15</u>	<u>May 8</u>	
<u>Week Ending</u>				North East	151	150
				Great Lakes	616	615
May 15, 2021	1,799	1.4	79.2	Midwest	187	180
May 15, 2020	1,223	47.1	54.6	Southern	767	753
May 8, 2021	1,774	-0.8	78.1	Western	78	76
				Total	1,799	1,774
<u>Year-to-Date +</u>						
May 15, 2021	33,888	7.3	77.5			
May 15, 2020	31,588	-	69.9			

*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 second quarter 2021 is approximately 29.5 million net tons vs. 29.1 million net tons for the same period last year, and 29.1 million tons for the first quarter of 2021.



*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 19, 2021 – Ended May 15, 2021

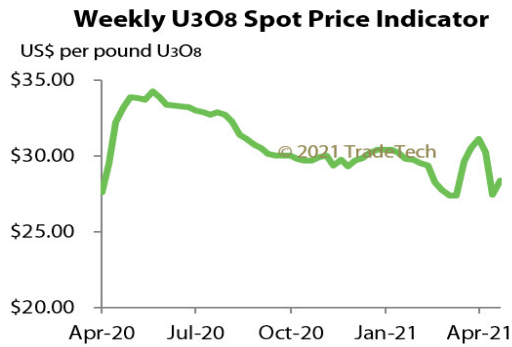
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	242,806	31.6%	4,341,762	228,514	5.2%
Chemicals	33,694	18.7%	612,517	32,238	2.1%
Coal	68,327	48.7%	1,157,916	60,943	4.5%
Farm Products excl. Grain, and Food	15,261	9.0%	303,304	15,963	4.6%
Forest Products	10,218	14.7%	189,727	9,986	5.3%
Grain	25,473	23.0%	483,968	25,472	23.6%
Metallic Ores and Metals	23,686	68.1%	414,310	21,806	13.3%
Motor Vehicles and Parts	12,466	334.7%	257,058	13,529	24.7%
Nonmetallic Minerals	31,776	2.3%	530,928	27,944	-7.7%
Petroleum and Petroleum Products	11,230	14.5%	207,735	10,933	-8.0%
Other	10,675	21.9%	184,299	9,700	0.0%
Total Intermodal Units	291,066	25.6%	5,371,854	282,729	18.5%
Total Traffic	533,872	28.3%	9,713,616	511,243	12.1%

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.

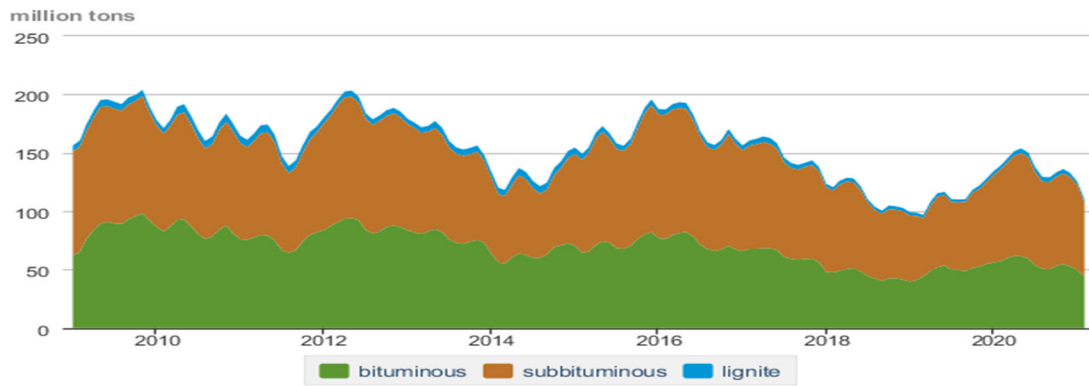
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

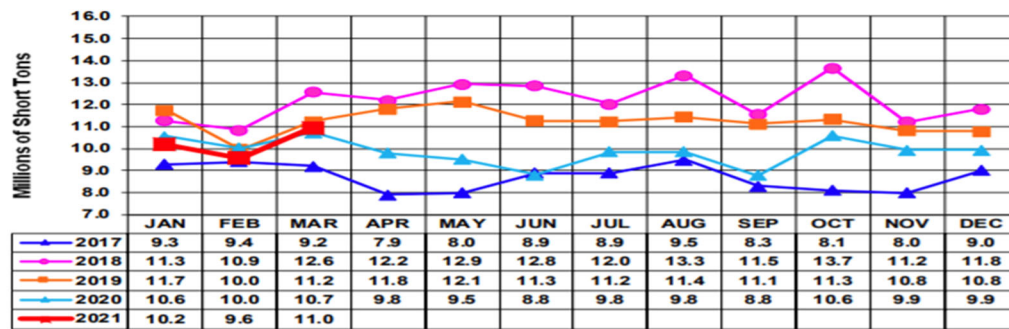
Coal stocks by type, January 2009 - February 2021



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.

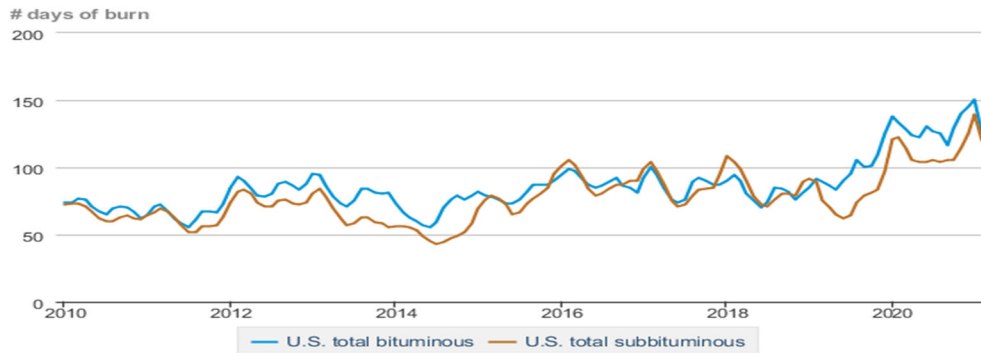
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/16/21	04/23/21	04/30/21	05/07/21	05/14/21	change
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$59.70	\$59.70	\$59.70	\$59.70	\$59.70	\$0.00
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$52.00	\$52.00	\$53.60	\$53.60	\$53.60	\$0.00
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$34.50	\$34.50	\$34.50	\$34.50	\$34.50	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$12.10	\$12.10	\$12.05	\$12.05	\$12.05	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$30.40	\$30.40	\$30.30	\$30.30	\$30.30	\$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 - February 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending May 06)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	75	-15	-2	0	0	0
Middle Atlantic	53	-21	-12	1	0	1
E N Central	68	-11	-13	1	-2	1
W N Central	61	-8	1	6	0	3
South Atlantic	17	-15	-13	50	24	23
E S Central	23	-6	-2	27	11	7
W S Central	10	0	4	44	6	-15
Mountain	58	-23	13	19	6	-7
Pacific	17	-32	-2	6	0	2
United States	43	-16	-5	19	6	3

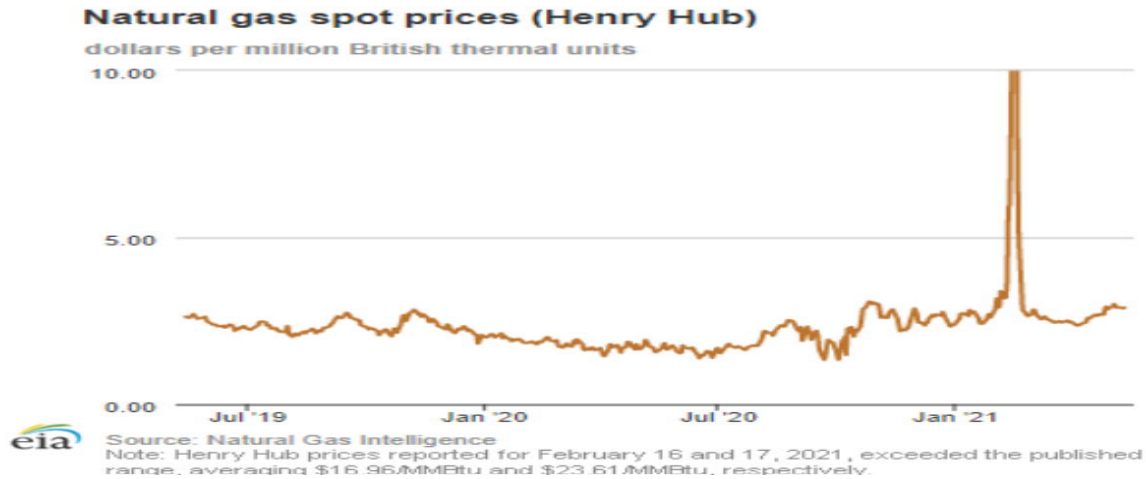
Note: HDD = heating degree day; CDD = cooling degree day

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	February 2021		February 2020		% Change of Stocks	January 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,894	365	4,523	326	-36.0%	3,386	365	-14.5%
	Subbituminous	.	.	162	284	.	72	189	.
South	Bituminous	16,374	116	24,114	128	-32.1%	19,320	143	-15.2%
	Subbituminous	5,078	94	6,630	95	-23.4%	5,886	111	-13.7%
Midwest	Bituminous	10,315	116	12,616	118	-18.2%	11,877	131	-13.2%
	Subbituminous	22,299	129	27,133	130	-17.8%	28,008	156	-20.4%
West	Bituminous	2,717	161	3,397	164	-20.0%	2,990	177	-9.1%
	Subbituminous	22,667	118	29,080	122	-22.1%	24,873	132	-8.9%
U.S. Total	Bituminous	32,300	126	44,650	133	-27.7%	37,573	150	-14.0%
	Subbituminous	50,043	120	63,004	122	-20.6%	58,839	139	-14.9%

Source: Energy Information Administration, *Electricity Monthly Update*

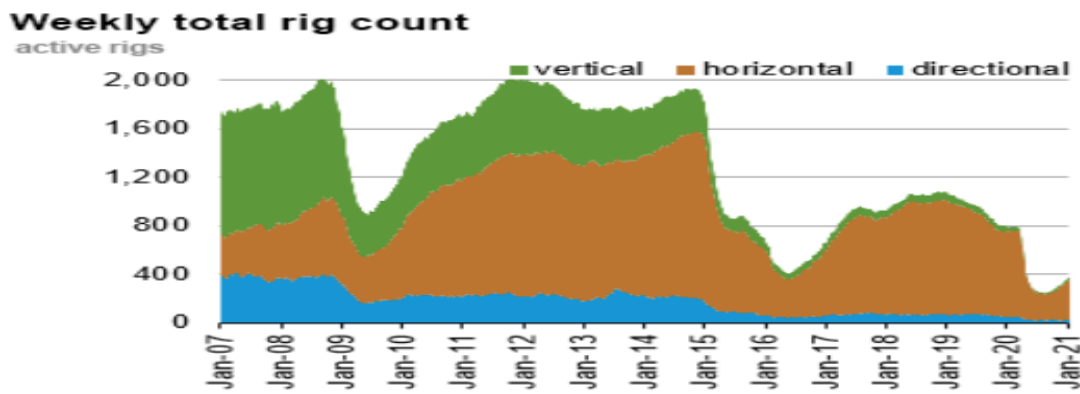
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2021-05-07	2021-04-30	change
East	347	332	15
Midwest	458	442	16
Mountain	131	124	7
Pacific	235	224	11
South Central	857 C	836	21
Total	2,029 C	1,958	71

Source: Form EIA-912, *Weekly Underground Natural Gas Storage Report*
C = Reclassification
 Reclassifications from working gas to base gas resulted in decreased working gas stocks of 4 Bcf in the South Central nonsalt region for the week ending May 7, 2021. The implied flow for the week is an increase of 75 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: 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					
	May 2021	June 2021	change	May 2021	June 2021	change			
Anadarko	1,031	1,029	(2)	5,575	5,564	(11)			
Appalachia	184	186	2	27,985	28,335	350			
Bakken	2,423	2,413	(10)	3,223	3,210	(13)			
Eagle Ford	2,326	2,329	3	7,832	7,911	79			
Haynesville	19	19	-	11,468	11,479	11			
Niobrara	1,934	1,933	(1)	5,429	5,418	(11)			
Permian	1,248	1,236	(12)	2,279	2,244	(35)			
Rig-weighted average	1,129	1,141	12	6,864	6,742	(122)			

Source: Energy Information Administration, *Drilling Productivity Report*