
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

May 7, 2021 Edition
(Data for Week Ending May 1, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 18
Dated 05/07/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/01/21	05/02/20	% Chng	05/01/21	05/01/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,342	8,295	36.7%	188,548	189,296	-0.4%
52 Weeks Ended	532,476	647,051	-17.7%			
AAR Coal Rail Cars Loaded:	62,970	45,806	37.5%	1,041,245	1,049,834	-0.8%
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		
	05/01/21	05/02/20	% Chng	05/01/21	05/02/20	% Chng
EI Electric Total Output (Mil. Kwh)	69,091	64,307	7.4%	1,329,599	1,282,389	3.7%
EI Coal Region Output (Mil. Kwh)	59,621	54,973	8.5%	1,147,514	1,102,696	4.1%
AISI Raw Steel Output (000 Tons)	1,788	1,238	44.4%	30,315	29,143	4.0%

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)	
	04/30/21	04/23/21	% Chng	Wed.	04/28/21
Central App, 12,500 Btu, 1.2 SO ₂	\$59.70	\$59.70	0.0%	Henry Hub	2.93
Northern App, 13,000 Btu, < 3.0 SO ₂	53.60	52.00	3.1%	New York	2.36
Illinois Basin, 11,800, 5.0 SO ₂	34.50	34.50	0.0%	Chicago	2.78
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.05	12.10	-0.4%	Cal.Comp.Avg.	3.34
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.30	30.40	-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		
	5/1/2021 (week 18)	4/24/2021 (week 17)	5/2/2020 (week 18)	5/1/2021	5/1/2020	% Change	5/1/2021	5/2/2020	% Change
Alabama	307	299	233	4,781	4,349	9.9	12,445	13,165	-5.5
Alaska	27	28	17	437	369	18.4	1,087	999	8.8
Arizona	1,656	.
Colorado	224	233	167	3,558	3,457	2.9	10,114	11,621	-13.0
Illinois	663	660	530	10,681	11,553	-7.5	31,042	39,705	-21.8
Indiana	380	390	319	6,537	7,444	-12.2	18,887	27,119	-30.4
Kentucky Total	442	433	309	7,502	8,691	-13.7	22,913	31,086	-26.3
Eastern (KY)	148	151	125	2,479	2,970	-16.5	7,723	11,452	-32.6
Western (KY)	293	282	185	5,023	5,721	-12.2	15,190	19,634	-22.6
Louisiana	12	11	8	276	460	-39.9	492	1,490	-67.0
Maryland	24	26	20	408	413	-1.3	1,087	1,362	-20.2
Mississippi	81	87	56	1,159	834	39.0	2,905	2,639	10.1
Missouri	4	4	3	60	57	6.6	162	177	-8.5
Montana	520	531	401	9,149	9,732	-6.0	25,787	33,881	-23.9
New Mexico	206	214	155	3,592	3,901	-7.9	9,921	13,181	-24.7
North Dakota	697	704	446	11,281	9,351	20.6	28,310	26,891	5.3
Ohio	61	60	51	1,143	1,495	-23.6	3,228	6,416	-49.7
Oklahoma	s	s	.	16	1	NM	16	142	-88.7
Pennsylvania Total	660	651	458	11,927	13,356	-10.7	34,683	45,680	-24.1
Anthracite (PA)	47	50	31	863	812	6.2	2,306	2,639	-12.6
Bituminous (PA)	612	601	427	11,064	12,544	-11.8	32,378	43,041	-24.8
Tennessee	7	7	.	133	92	44.6	133	415	-68.0
Texas	427	434	286	6,770	6,408	5.6	19,280	21,325	-9.6
Utah	341	356	226	5,285	4,617	14.5	13,801	13,370	3.2
Virginia	193	195	139	3,434	3,815	-10.0	9,432	11,936	-21.0
West Virginia Total	1,393	1,420	1,082	22,751	23,418	-2.9	66,449	83,211	-20.1
Northern (WV)	821	853	596	12,784	11,837	8.0	38,051	41,915	-9.2
Southern (WV)	572	567	486	9,966	11,581	-13.9	28,398	41,296	-31.2
Wyoming	4,675	4,832	3,391	77,670	75,485	2.9	220,300	259,583	-15.1
Appalachian Total	2,792	2,808	2,107	47,054	49,907	-5.7	135,181	173,638	-22.1
Interior Total	1,860	1,867	1,385	30,522	32,477	-6.0	87,975	112,231	-21.6
Western Total	6,690	6,897	4,803	110,972	106,911	3.8	309,320	361,182	-14.4
East of Mississippi River	4,210	4,227	3,197	70,454	75,459	-6.6	203,205	262,734	-22.7
West of Mississippi River	7,132	7,345	5,099	118,094	113,837	3.7	329,270	384,317	-14.3
Bituminous and Lignite	11,295	11,522	8,264	187,685	188,484	-0.4	530,170	644,412	-17.7
Anthracite	47	50	31	863	812	6.2	2,306	2,639	-12.6
U.S. Total	11,342	11,572	8,295	188,548	189,296	-0.4	532,476	647,051	-17.7
Railroad Cars Loaded	62,970	64,252	45,806	1,041,245	1,049,834	-0.8	3,010,823	3,678,726	-18.2

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 18

OUTPUT FOR WEEK ENDED - May 01, 2021

May 05, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 01, 2021** was **69,091** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **170** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 01		52 Weeks Ended May 01	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	1,844	-0.8	115,580	0.7
Mid-Atlantic	6,742	4.5	413,633	-1.2
Central Industrial	10,994	10.1	638,146	-0.9
West Central	5,627	11.1	325,614	0.5
Southeast	17,579	13.1	1,002,700	-0.8
South Central	13,994	5.9	764,524	-0.6
Rocky Mountain	4,685	-0.5	289,448	1.6
Pacific Northwest	2,918	4.3	154,426	-0.8
Pacific Southwest	4,708	0.7	266,948	0.6
Total United States	69,091	7.4	3,971,019	-0.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
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 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 01	1,329,599	May 02	1,282,389	3.7	YEAR TO DATE, FIRST 18 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Apr 10	165	Apr 11	164	Apr 13	180
Apr 17	164	Apr 18	164	Apr 20	176
Apr 24	168	Apr 25	170	Apr 27	184
May 01	170	May 02	167	May 04	190

* 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		
	1-May 2021 GWh Output	2-May 2020 GWh Output	% Increase Over Corresponding Week	1-May 2021 GWh Output	2-May 2020 GWh Output	% Increase Over Corresponding Week	1-May 2021 GWh Output	2-May 2020 GWh Output	% Increase Over Corresponding Week
New England	1,844	1,860	-0.9%	39,410	38,136	3.3%	115,580	114,740	0.7%
Mid-Atlantic	6,742	6,453	4.5%	139,621	134,664	3.7%	413,633	418,828	-1.2%
Central Industrial	10,994	9,988	10.1%	222,169	214,728	3.5%	638,146	643,784	-0.9%
West Central	5,627	5,063	11.1%	110,040	105,430	4.4%	325,614	324,115	0.5%
Southeast	17,579	15,542	13.1%	338,788	321,009	5.5%	1,002,700	1,010,777	-0.8%
South Central	13,994	13,218	5.9%	243,959	236,293	3.2%	764,524	769,523	-0.6%
Rocky Mountain	4,685	4,709	-0.5%	92,937	90,572	2.6%	289,448	284,867	1.6%
Pacific Northwest	2,918	2,798	4.3%	59,635	59,013	1.1%	154,426	155,652	-0.8%
Pacific Southwest	4,708	4,676	0.7%	83,042	82,545	0.6%	266,948	265,358	0.6%
Total United States ^{1/}	<u>69,091</u>	<u>64,307</u>	7.4%	<u>1,329,601</u>	<u>1,282,390</u>	3.7%	<u>3,971,019</u>	<u>3,987,644</u>	-0.4%
Coal Regions Only ^{2/}	59,621	54,973	8.5%	1,147,514	1,102,696	4.1%	3,434,065	3,451,894	-0.5%

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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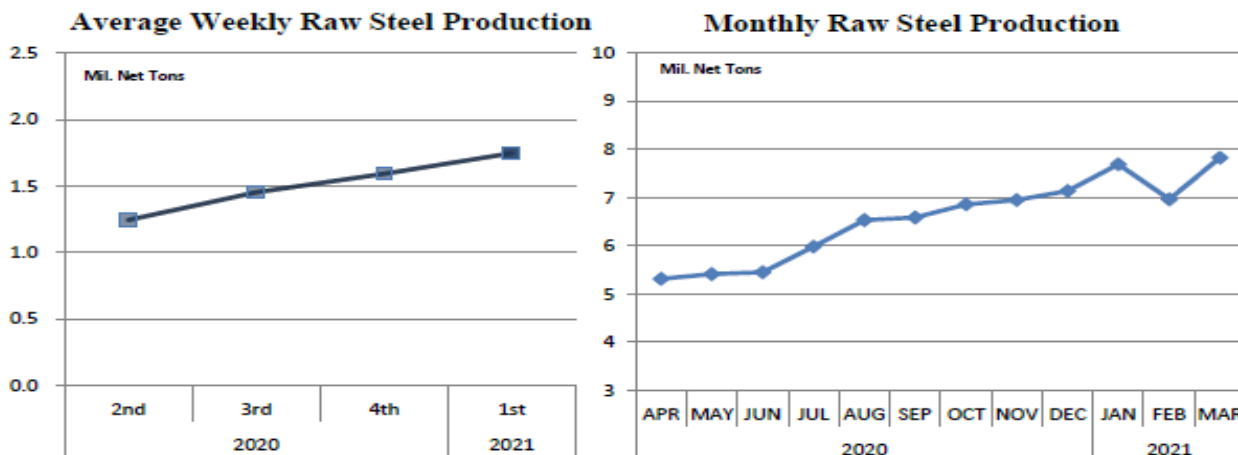
May 3, 2021

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

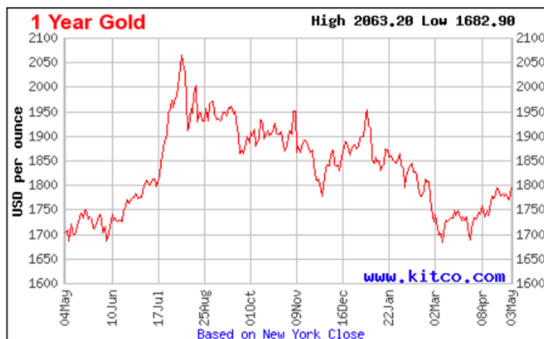
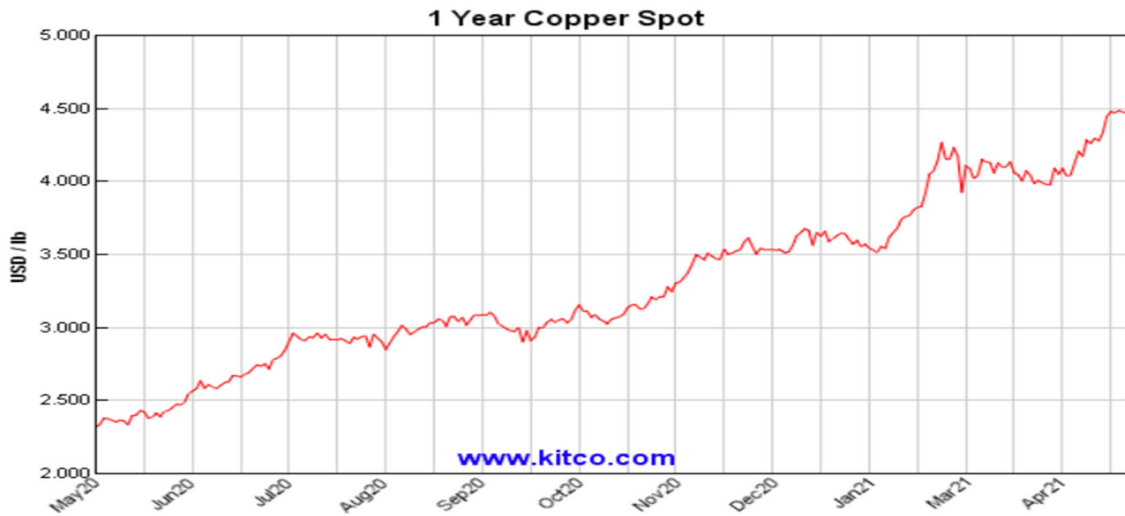
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending May 1</u>	<u>Apr 24</u>	
<u>Week Ending</u>				North East	160	166
				Great Lakes	616	611
May 1, 2021	1,788	0.4	78.7	Midwest	185	189
May 1, 2020	1,238	44.4	55.2	Southern	756	744
April 24, 2021	1,781	0.6	0.6	Western	<u>71</u>	<u>71</u>
				Total	1,788	1,781
<u>Year-to-Date +</u>						
May 1, 2021	30,315	4.0	77.4			
May 1, 2020	29,143	-	73.6			

*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 17, 2021 – Ended May 1, 2021

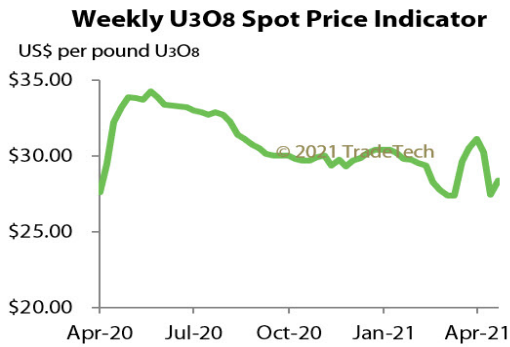
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	240,858	27.2%	3,862,937	227,232	2.8%
Chemicals	32,053	7.8%	543,950	31,997	0.2%
Coal	62,970	37.3%	1,026,914	60,407	1.1%
Farm Products excl. Grain, and Food	16,401	19.9%	272,058	16,003	3.8%
Forest Products	10,167	13.8%	169,113	9,948	3.9%
Grain	28,097	24.1%	433,284	25,487	24.0%
Metallic Ores and Metals	24,462	48.0%	367,081	21,593	8.6%
Motor Vehicles and Parts	11,344	472.9%	233,265	13,721	16.0%
Nonmetallic Minerals	33,049	5.5%	466,893	27,464	-9.0%
Petroleum and Petroleum Products	10,971	14.9%	186,382	10,964	-9.7%
Other	11,344	25.6%	163,997	9,647	-1.2%
Total Intermodal Units	299,809	31.6%	4,793,498	281,970	17.6%
Total Traffic	540,667	29.6%	8,656,435	509,202	10.5%

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.

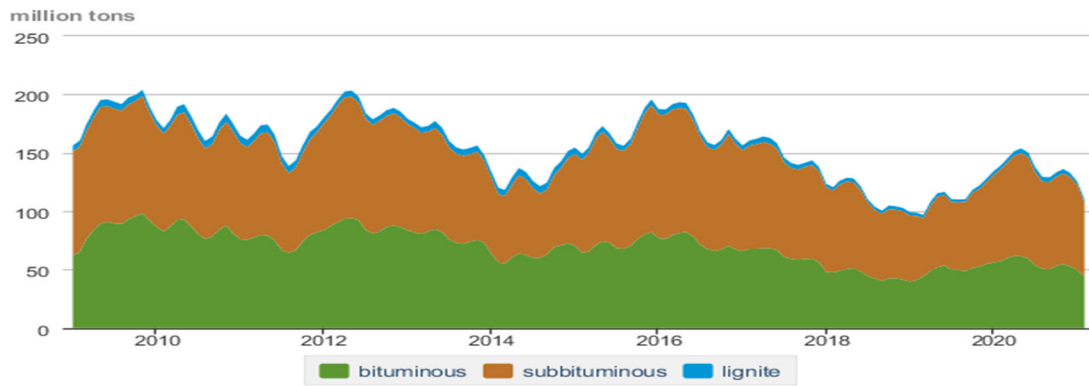
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

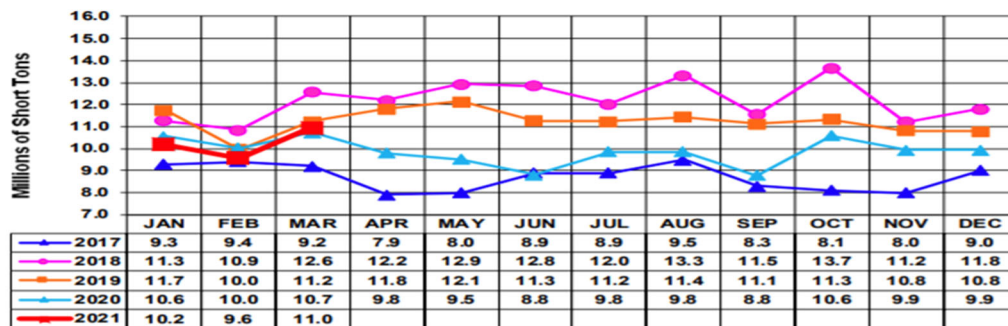
Coal stocks by type, January 2009 - February 2021



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.

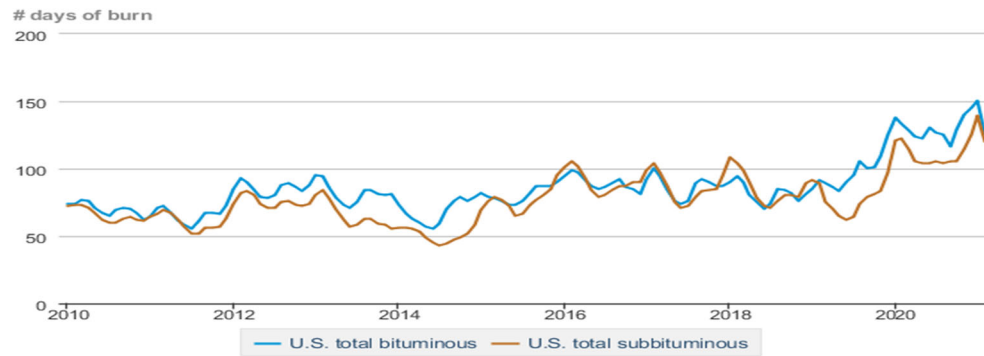
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/02/21	04/09/21	04/16/21	04/23/21	04/30/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.90	\$59.70	\$59.70	\$59.70	\$59.70	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$53.35	\$52.00	\$52.00	\$52.00	\$53.60	\$1.60
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	\$12.10	\$12.10	\$12.10	\$12.05	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.80	\$30.40	\$30.40	\$30.40	\$30.30	\$-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 - February 2021



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 22)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	132	8	-30	0	0	0
Middle Atlantic	119	12	-34	0	0	0
E N Central	148	38	-22	0	0	0
W N Central	157	57	3	0	-1	0
South Atlantic	70	20	-12	20	3	-7
E S Central	85	40	6	0	-5	0
W S Central	63	44	24	4	-19	-15
Mountain	140	35	13	5	-4	3
Pacific	48	-14	-17	0	-3	0
United States	107	24	-12	4	-4	-3

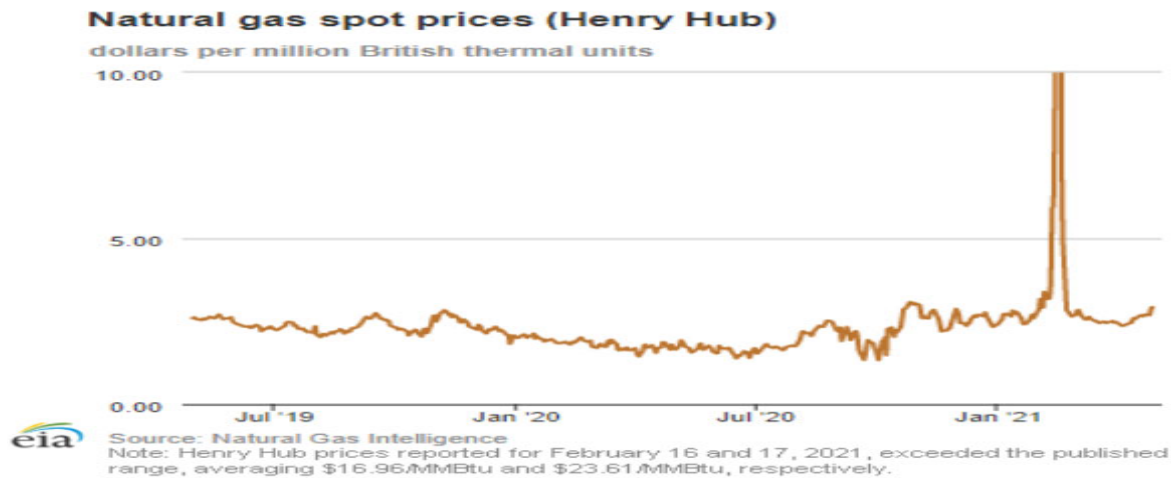
Note: HDD = heating degree day; CDD = cooling degree day

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

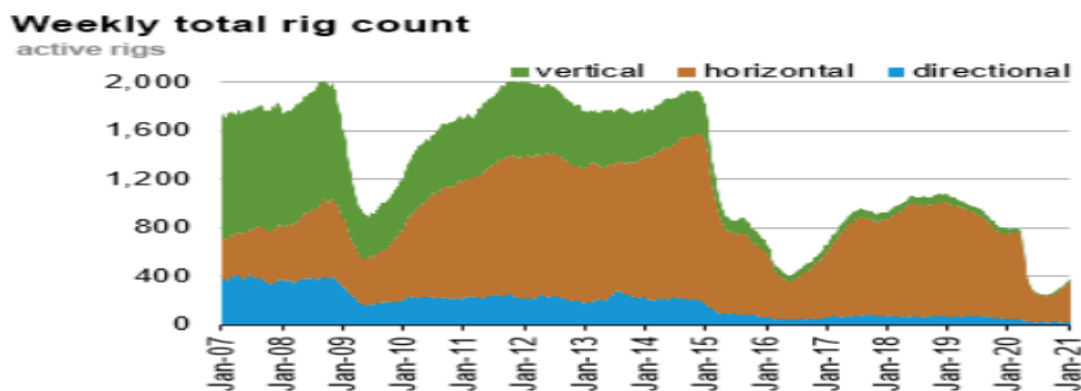
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-04-23	2021-04-16	change
East	319	325	-6
Midwest	427	421	6
Mountain	119	118	1
Pacific	217	210	7
South Central	816	810	6
Total	1,898	1,883	15

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

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		
	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*