

National Mining Association

Weekly Statistical Summary

April 17, 2020 Edition
(Data for Week Ending April 11, 2020)

Prepared by
National Mining Association



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

NMA Weekly Statistical Summary

Vol. 58, No. 15
Dated 04/17/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/11/20	04/13/19	% Chng	04/11/20	04/11/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,324	14,359	-35.1%	164,990	201,430	-18.1%
52 Weeks Ended	664,798	746,848	-11.0%			
AAR Coal Rail Cars Loaded:	52,468	82,065	-36.1%	913,429	1,115,116	-18.1%
DOC Coal Trade (000 Tons)						
Exports:						
	February 20/19			Jan - Feb 20/19		
			% Chng			% Chng
Metallurgical	3,561	3,584	-0.6%	7,386	8,375	-11.8%
Steam Bit. *	3,262	3,118	4.6%	5,665	7,558	-25.0%
Lignite	9	7	28.6%	19	15	26.7%
Anthracite	3	4	-25.0%	6	55	-89.1%
Total	6,835	6,713	1.8%	13,076	16,003	-18.3%
Imports:						
	343	358	-4.2%	878	983	-10.7%
Week Ended						
	04/11/20	04/13/19	% Chng	Cumulative Week 1 to		
				04/11/20	04/13/19	% Chng
EI Electric Total Output (Mil. Kwh)	64,177	68,379	-6.1%	1,089,333	1,132,856	-3.8%
EI Coal Region Output (Mil. Kwh)	55,215	58,824	-6.1%	936,604	974,662	-3.9%
AISI Raw Steel Output (000 Tons)	1,256	1,892	-33.6%	26,323	27,665	-4.9%

EIA (SNL ENERGY) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	04/10/20	04/03/20	% Chng	Wed.	04/08/20
Central App, 12,500 Btu, 1.2 SO ₂	\$55.20	\$55.20	0.0%	Henry Hub	1.80
Northern App, 13,000 Btu, < 3.0 SO ₂	46.80	46.80	0.0%	New York	1.47
Illinois Basin, 11,800, 5.0 SO ₂	33.30	33.30	0.0%	Chicago	1.75
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.55	11.55	0.0%	Cal.Comp.Avg.	1.88
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.60	30.60	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; SNL Energy; NGI's Daily Gas Price Index



NMA
THE AMERICAN RESOURCE

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		
	4/11/2020 (week 15)	4/4/2020 (week 14)	4/13/2019 (week 15)	4/11/2020	4/11/2019	% Change	4/11/2020	4/13/2019	% Change
Alabama	199	214	314	3,564	4,302	-17.2	13,304	14,740	-9.7
Alaska	14	16	20	268	282	-4.9	955	926	3.1
Arizona	.	.	141	.	1,718	-100.0	2,085	6,529	-68.1
Colorado	152	168	227	2,810	3,832	-26.7	11,419	14,081	-18.9
Illinois	608	662	951	11,366	14,468	-21.4	42,177	49,781	-15.3
Indiana	415	465	663	7,868	9,909	-20.6	29,671	34,994	-15.2
Kentucky Total	477	531	762	8,807	11,181	-21.2	33,397	39,396	-15.2
Eastern (KY)	169	190	300	3,206	4,363	-26.5	12,369	16,386	-24.5
Western (KY)	308	340	462	5,601	6,818	-17.9	21,028	23,010	-8.6
Louisiana	19	19	30	265	279	-4.8	1,387	1,472	-5.8
Maryland	23	25	30	400	426	-6.1	1,444	1,309	10.3
Mississippi	37	39	63	603	691	-12.8	2,591	2,894	-10.5
Missouri	2	2	4	41	56	-26.8	173	242	-28.5
Montana	449	469	679	7,469	8,117	-8.0	33,630	36,502	-7.9
New Mexico	246	267	319	4,408	4,215	4.6	14,846	12,813	15.9
North Dakota	329	364	477	5,981	7,928	-24.6	24,916	29,143	-14.5
Ohio	108	119	191	1,946	2,231	-12.8	7,440	8,576	-13.2
Oklahoma	2	3	5	49	71	-31.2	204	620	-67.1
Pennsylvania Total	693	763	1,092	12,180	14,160	-14.0	47,715	50,394	-5.3
Anthracite (PA)	41	44	54	654	603	8.5	2,628	2,006	31.0
Bituminous (PA)	652	719	1,038	11,525	13,557	-15.0	45,086	48,388	-6.8
Tennessee	7	7	9	95	84	13.0	444	246	80.5
Texas	293	320	409	5,247	7,070	-25.8	21,370	24,973	-14.4
Utah	212	238	314	3,918	4,637	-15.5	13,610	14,233	-4.4
Virginia	170	185	253	2,957	3,535	-16.4	11,798	12,787	-7.7
West Virginia Total	1,291	1,406	2,015	22,629	26,891	-15.8	88,052	95,726	-8.0
Northern (WV)	666	732	1,018	11,879	13,707	-13.3	44,972	47,204	-4.7
Southern (WV)	624	674	997	10,750	13,184	-18.5	43,081	48,522	-11.2
Wyoming	3,577	3,942	5,392	62,119	75,348	-17.6	262,170	294,470	-11.0
Appalachian Total	2,660	2,909	4,204	46,976	55,991	-16.1	182,567	200,164	-8.8
Interior Total	1,685	1,850	2,586	31,040	39,361	-21.1	118,601	137,987	-14.0
Western Total	4,979	5,464	7,569	86,974	106,077	-18.0	363,630	408,697	-11.0
East of Mississippi River	4,028	4,415	6,342	72,414	87,878	-17.6	278,035	310,844	-10.6
West of Mississippi River	5,297	5,808	8,017	92,576	113,552	-18.5	386,764	436,004	-11.3
Bituminous and Lignite	9,283	10,179	14,305	164,336	200,827	-18.2	662,170	744,842	-11.1
Anthracite	41	44	54	654	603	8.5	2,628	2,006	31.0
U.S. Total	9,324	10,222	14,359	164,990	201,430	-18.1	664,798	746,848	-11.0
Railroad Cars Loaded	52,468	57,504	82,065	913,429	1,115,116	-18.1	3,785,941	4,316,945	-12.3

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 15

OUTPUT FOR WEEK ENDED - Apr 11, 2020

Apr 15, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 11, 2020** was **64,177** 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)

Region	Week Ended April 11		52 Weeks Ended April 11	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,843	-8.8	114,974	-5.4
Mid-Atlantic	6,355	-7.9	419,723	-4.4
Central Industrial	10,170	-10.2	646,851	-5.2
West Central	5,236	-8.6	325,236	-3.8
Southeast	16,215	-6.6	1,015,159	-2.5
South Central	12,983	0.3	770,138	1.1
Rocky Mountain	4,256	-6.8	284,915	0.5
Pacific Northwest	2,844	-3.8	155,796	-1.0
Pacific Southwest	4,275	-6.6	266,554	-3.0
Total United States	64,177	-6.1	3,999,345	-2.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Mar 21	69,392	Mar 23	69,913	-0.7	Mar 21	4,007,312	-2.4
Mar 28	68,232	Mar 30	68,088	0.2	Mar 28	4,007,456	-2.4
Apr 04	64,896	Apr 06	68,805	-5.7	Apr 04	4,003,547	-2.4
Apr 11	64,177	Apr 13	68,379	-6.1	Apr 11	3,999,345	-2.5
Apr 11	1,089,333	Apr 13	1,132,857	-3.8	YEAR TO DATE, FIRST 15 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*
SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Mar 21	177	Mar 23	174	Mar 24	178
Mar 28	170	Mar 30	175	Mar 31	175
Apr 04	164	Apr 06	180	Apr 07	180
Apr 11	164	Apr 13	180	Apr 14	182

* Excludes Alaska and Hawaii.

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

Copyright © 2020 Edison Electric Institute. All rights reserved.

EEl WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	11-Apr 2020 GWh Output	13-Apr 2019 GWh Output	% Increase Over Corresponding Week	11-Apr 2020 GWh Output	13-Apr 2019 GWh Output	% Increase Over Corresponding Week	11-Apr 2020 GWh Output	13-Apr 2019 GWh Output	% Increase Over Corresponding Week
New England	1,843	2,020	-8.8%	32,558	34,720	-6.2%	114,974	121,575	-5.4%
Mid-Atlantic	6,355	6,900	-7.9%	115,029	123,822	-7.1%	419,723	438,821	-4.4%
Central Industrial	10,170	11,328	-10.2%	183,844	197,468	-6.9%	646,851	682,301	-5.2%
West Central	5,236	5,727	-8.6%	89,935	94,571	-4.9%	325,236	338,109	-3.8%
Southeast	16,215	17,362	-6.6%	272,811	285,095	-4.3%	1,015,159	1,041,625	-2.5%
South Central	12,983	12,942	0.3%	197,801	197,549	0.1%	770,138	761,692	1.1%
Rocky Mountain	4,256	4,565	-6.8%	77,184	76,157	1.3%	284,915	283,495	0.5%
Pacific Northwest	2,844	2,957	-3.8%	50,747	52,453	-3.3%	155,796	157,417	-1.0%
Pacific Southwest	<u>4,275</u>	<u>4,578</u>	-6.6%	<u>69,424</u>	<u>71,023</u>	<u>-2.3%</u>	<u>266,554</u>	<u>274,875</u>	-3.0%
Total United States ^{1/}	<u>64,177</u>	<u>68,379</u>	-6.1%	<u>1,089,333</u>	<u>1,132,858</u>	<u>-3.8%</u>	<u>3,999,346</u>	<u>4,099,910</u>	-2.5%
Coal Regions Only ^{2/}	55,215	58,824	-6.1%	936,604	974,662	-3.9%	3,462,022	3,546,043	-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*.

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

April 13, 2020

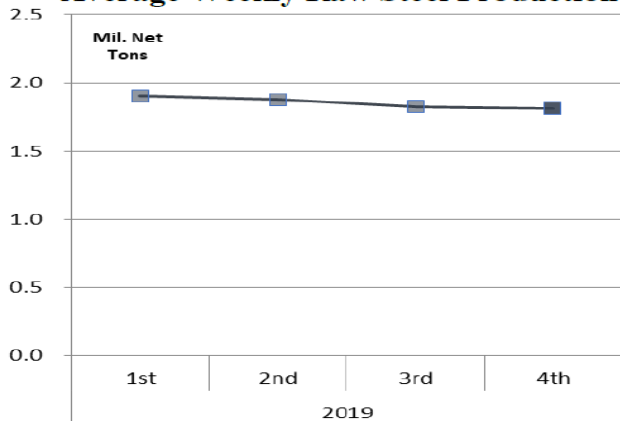
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 11</u>	<u>Apr 4</u>	
<u>Week Ending</u>				North East	104	194
				Great Lakes	430	549
April 11, 2020	1,256	-18.1	56.1	Midwest	122	139
April 11, 2019	1,892	-33.6	81.3	Southern	556	602
April 4, 2020	1,534	-8.1	68.5	Western	44	50
				Total	1,256	1,534
<u>Year-to-Date +</u>						
April 11, 2020	26,323	-4.9	77.9			
April 11, 2019	27,665	-	81.5			

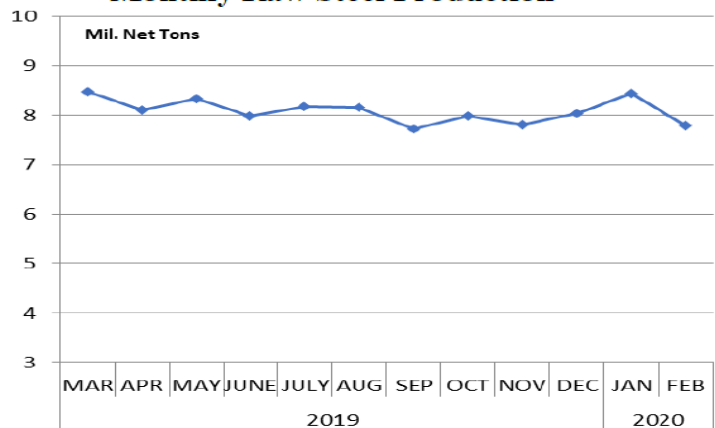
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2020 is approximately 30.3 million net tons vs. 29.9 million net tons for the same period last year, and 30.4 million tons for the fourth quarter of 2019.

Average Weekly Raw Steel Production



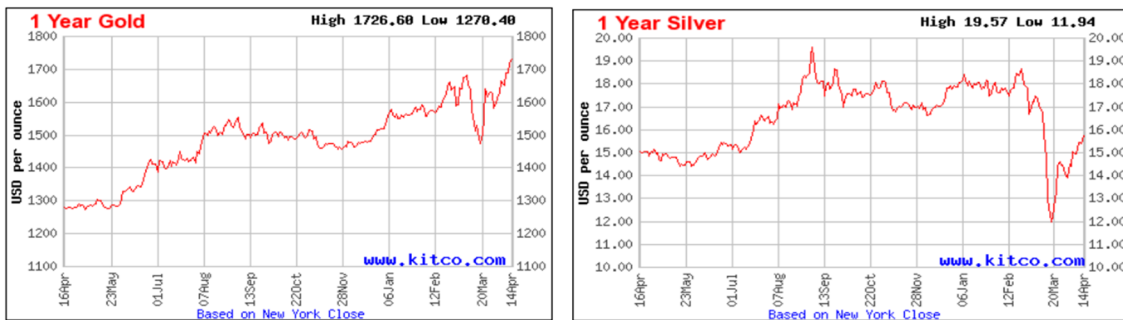
Monthly Raw Steel Production



*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



Source: Kitco website - www.kitco.com/connecting.html

U.S. Rail Traffic¹

Week 15, 2020 – Ended April 11, 2020

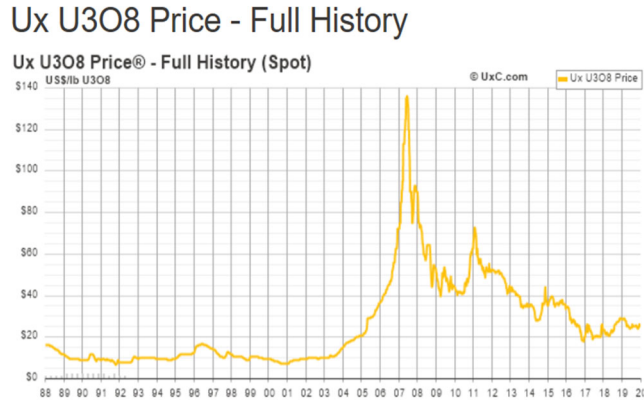
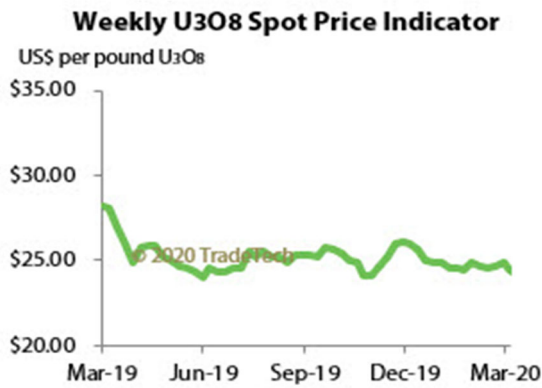
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	198,726	-23.8%	3,402,688	226,846	-8.2%
Chemicals	28,994	-10.4%	486,862	32,457	1.6%
Coal	52,468	-36.1%	943,514	62,901	-18.5%
Farm Products excl. Grain, and Food	14,295	-11.7%	235,737	15,716	0.7%
Forest Products	9,234	-5.2%	145,758	9,717	-2.8%
Grain	22,237	2.7%	304,078	20,272	-5.3%
Metallic Ores and Metals	17,949	-25.0%	307,533	20,502	-3.2%
Motor Vehicles and Parts	2,185	-87.7%	201,980	13,465	-18.0%
Nonmetallic Minerals	31,651	-7.4%	441,951	29,463	-7.1%
Petroleum and Petroleum Products	10,568	-21.1%	189,485	12,632	1.0%
Other	9,145	-5.0%	145,790	9,719	5.3%
Total Intermodal Units	213,777	-20.0%	3,610,246	240,683	-9.8%
Total Traffic	412,503	-21.9%	7,012,934	467,529	-9.1%

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.

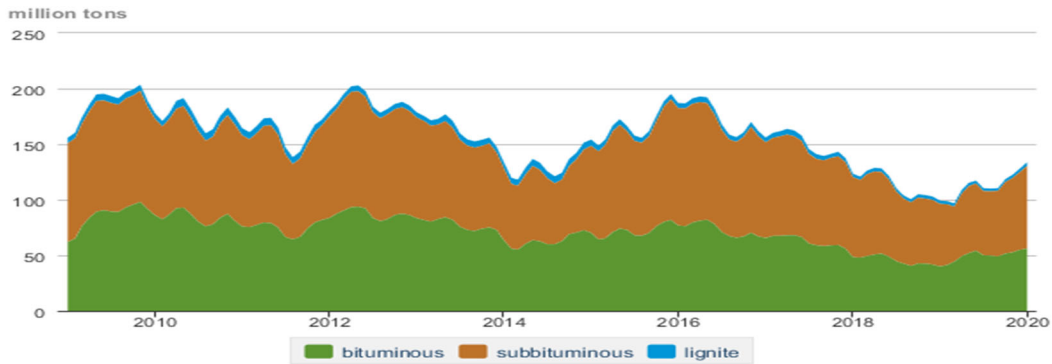
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - January 2020

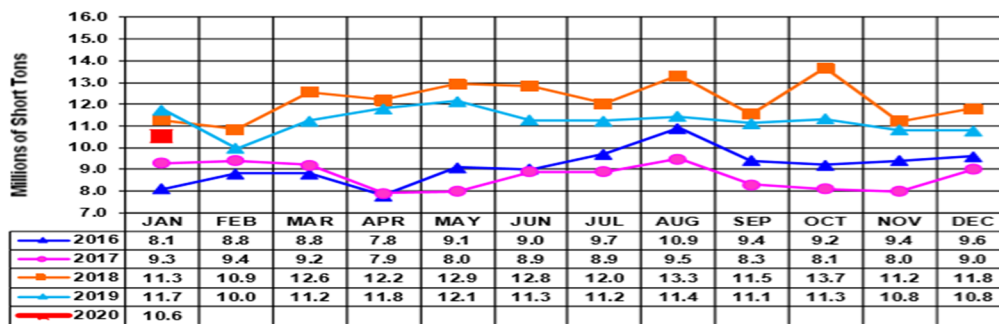


Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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.

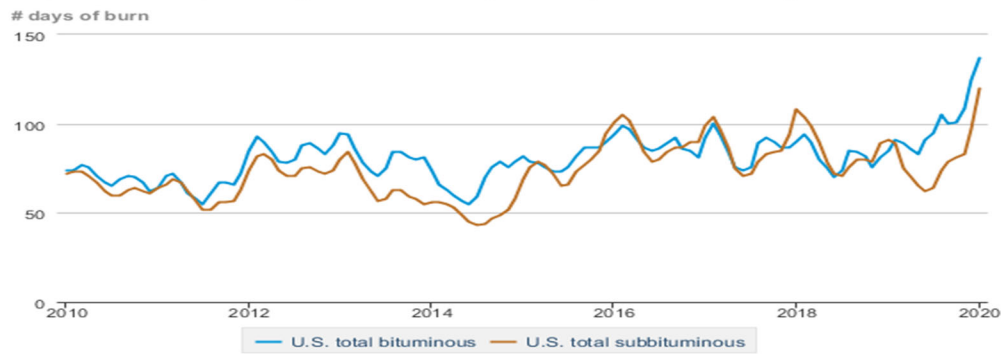
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	03/13/20	03/20/20	03/27/20	04/03/20	04/10/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$58.00	\$53.55	\$53.55	\$55.20	\$55.20	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$44.05	\$45.40	\$45.40	\$46.80	\$46.80	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.45	\$33.30	\$33.30	\$33.30	\$33.30	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.60	\$11.60	\$11.60	\$11.55	\$11.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.90	\$30.70	\$30.70	\$30.60	\$30.60	\$0.00

Source: Energy Information Administration (with permission from SNL), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - January 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 02)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	159	-11	11	0	0	0
Middle Atlantic	128	-26	-13	0	0	0
E N Central	126	-34	-36	0	0	0
W N Central	111	-44	-58	0	-1	0
South Atlantic	52	-32	-39	31	18	20
E S Central	47	-31	-44	16	11	16
W S Central	23	-20	-43	30	16	21
Mountain	152	14	22	1	-3	-2
Pacific	102	22	36	0	-2	0
United States	102	-18	-18	10	5	7

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

Source: National Oceanic and Atmospheric Administration

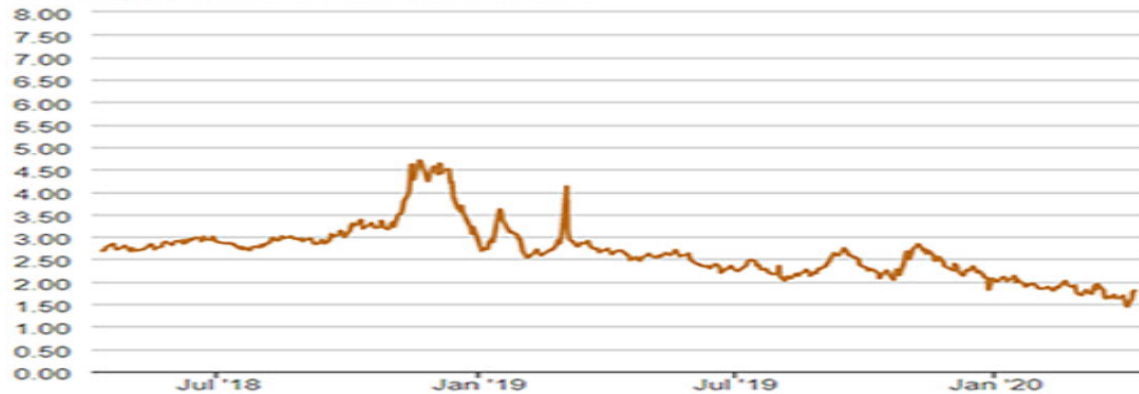
Source: Energy Information Administration, *Natural Gas Weekly Update*.


USGS Production of Selected Mineral Commodities	2019 Year to Date - 3rd Quarter	2018 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	628.0	624.0	1%
Cement (Mil. Mt.)	66.0	64.5	2%
Copper (000 Mt.)	958.0	912.0	5%
Gold (Mt.)	149.0	165.0	-10%
Gypsum (Mil. Mt.)	13.1	12.8	2%
Iron Ore (Mil. Mt.)	35.6	36.4	-2%
Lead (000 Mt.)	207.0	199.0	4%
Molybdenum (000 Mt.)	31.6	30.7	3%
Phosphate rock (Mil. Mt.)	17.5	20.2	-13%
Sand & gravel, construction (Mil. Mt.)	727.0	704.0	3%
Silver (Mt.)	786.0	678.0	16%
Soda ash (Mil. Mt.)	8.7	8.8	-1%
Stone, crushed (Mil. Mt.)	1,140.0	1,060.0	8%
Zinc (000 Mt.)	565.0	594.0	-5%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2019 data are preliminary estimates. W - withheld, N/A - not available

Natural gas spot prices (Henry Hub)

dollars per million British thermal units



 Source: Natural Gas Intelligence

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

EIA Coal Stocks and Average Number of Days of Burn (Power Sector)

Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	January 2020		January 2019		% Change of Stocks	December 2019		Char
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,450	335	2,973	147	49.7%	4,185	210	6.
	Subbituminous	162	307	121	275	33.7%	162	306	0.
South	Bituminous	23,563	136	17,266	89	36.5%	24,142	128	-2.
	Subbituminous	7,582	112	3,972	59	90.9%	6,868	94	10.
Midwest	Bituminous	12,363	113	6,955	61	77.8%	11,892	95	4.
	Subbituminous	25,470	124	21,699	101	17.4%	25,691	109	-0.
West	Bituminous	3,212	160	3,585	98	-10.4%	3,463	150	-7.
	Subbituminous	27,020	117	18,660	90	44.8%	23,027	86	17.
U.S. Total	Bituminous	43,589	137	30,779	85	41.6%	43,682	125	-0.
	Subbituminous	60,234	120	44,451	91	35.5%	55,748	97	8.

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

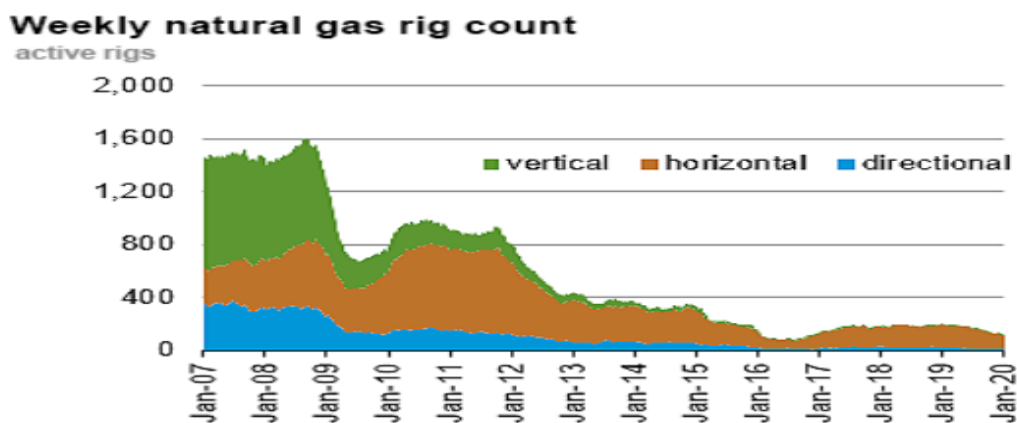
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-04-03	2020-03-27	change
East	382	382	0
Midwest	475	476	-1
Mountain	92	92	0
Pacific	203	197	6
South Central	872	840	32
Total	2,024	1,986	38

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 Inc.

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

EIA Oil and Natural Gas Rig Productivity

Region	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day		
	April 2020	May 2020	change	April 2020	May 2020	change
Anadarko	675	689	14	3,994	4,074	80
Appalachia	133	136	3	14,583	14,874	291
Bakken	1,249	1,274	25	1,965	2,004	39
Eagle Ford	1,231	1,255	24	4,194	4,278	84
Haynesville	22	23	1	9,782	9,977	195
Niobrara	1,106	1,128	22	3,843	3,920	77
Permian	677	690	13	1,347	1,374	27
Rig-weighted average	730	741	11	3,420	3,471	51

Source: Energy Information Administration, *Drilling Productivity Report*