

National Mining Association

Weekly Statistical Summary

March 13, 2020 Edition
(Data for Week Ending March 7, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 10
Dated 03/13/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	03/07/20	03/09/19	% Chng	03/07/20	03/07/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,562	13,903	-24.0%	114,372	137,963	-17.1%
52 Weeks Ended	677,775	754,835	-10.2%			
AAR Coal Rail Cars Loaded:	58,659	76,562	-23.4%	630,839	761,060	-17.1%
Coal Production Month Ended - Feb.	February 2019 47,568	% Chng 58,224	% Chng -18.3%	Jan - Feb 2019 103,811	% Chng 123,956	% Chng -16.3%
DOC Coal Trade (000 Tons)						
Exports:	January 2019			Jan - Jan 2019		
			% Chng			% Chng
Metallurgical	3,825	4,791	-20.2%	3,825	4,791	-20.2%
Steam Bit. *	2,404	4,441	-45.9%	2,404	4,441	-45.9%
Lignite	10	8	25.0%	10	8	25.0%
Anthracite	3	51	-94.1%	3	51	-94.1%
Total	6,242	9,291	-32.8%	6,242	9,291	-32.8%
Imports:	535	625	-14.4%	535	625	-14.4%
	Week Ended			Cumulative Week 1 to		
	03/07/20	03/09/19	% Chng	03/07/20	03/09/19	% Chng
EI Electric Total Output (Mil. Kwh)	72,083	81,453	-11.5%	753,492	786,880	-4.2%
EI Coal Region Output (Mil. Kwh)	61,968	70,438	-12.0%	648,619	677,079	-4.2%
AISI Raw Steel Output (000 Tons)	1,903	1,913	-0.5%	18,253	18,141	0.6%

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)	
	03/06/20	02/28/20	% Chng	Wed.	03/04/20
Central App, 12,500 Btu, 1.2 SO ₂	\$58.00	\$58.00	0.0%	Henry Hub	1.80
Northern App, 13,000 Btu, < 3.0 SO ₂	44.05	44.05	0.0%	New York	1.66
Illinois Basin, 11,800, 5.0 SO ₂	33.45	33.45	0.0%	Chicago	1.66
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.60	0.0%	Cal.Comp.Avg.	1.88
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.90	30.90	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		
	3/7/2020 (week 10)	2/29/2020 (week 9)	3/9/2019 (week 10)	3/7/2020	3/7/2019	% Change	3/7/2020	3/9/2019	% Change
Alabama	226	243	296	2,487	2,937	-15.3	13,596	14,830	-8.3
Alaska	17	19	19	189	193	-2.3	965	921	4.8
Arizona	.	.	116	.	1,155	-100.0	2,655	6,574	-59.6
Colorado	171	195	270	1,969	2,679	-26.5	11,718	14,282	-18.0
Illinois	718	790	1,008	8,014	10,003	-19.9	43,273	50,141	-13.7
Indiana	485	548	689	5,544	6,838	-18.9	30,411	35,223	-13.7
Kentucky Total	551	607	776	6,165	7,699	-19.9	34,232	39,839	-14.1
Eastern (KY)	200	223	302	2,254	3,001	-24.9	12,778	16,740	-23.7
Western (KY)	351	384	473	3,911	4,698	-16.8	21,454	23,099	-7.1
Louisiana	19	17	18	178	179	-0.6	1,403	1,491	-5.9
Maryland	26	27	29	274	292	-5.9	1,453	1,308	11.1
Mississippi	41	40	46	413	458	-9.7	2,640	2,923	-9.7
Missouri	3	3	4	29	38	-25.0	179	249	-28.1
Montana	488	511	548	5,144	5,442	-5.5	34,016	37,297	-8.8
New Mexico	275	302	289	3,077	2,865	7.4	14,874	12,195	22.0
North Dakota	399	409	558	4,141	5,533	-25.2	25,449	29,587	-14.0
Ohio	128	133	150	1,355	1,491	-9.1	7,601	8,657	-12.2
Oklahoma	3	3	5	34	49	-30.4	211	667	-68.4
Pennsylvania Total	792	821	968	8,424	9,602	-12.3	48,552	50,687	-4.2
Anthracite (PA)	40	43	40	447	400	11.6	2,628	1,975	33.1
Bituminous (PA)	752	778	927	7,977	9,202	-13.3	45,924	48,712	-5.7
Tennessee	6	6	5	64	55	17.2	444	239	85.8
Texas	322	360	499	3,647	4,954	-26.4	21,860	25,291	-13.6
Utah	246	268	322	2,742	3,195	-14.2	13,874	14,116	-1.7
Virginia	190	200	244	2,044	2,419	-15.5	12,004	12,940	-7.2
West Virginia Total	1,443	1,532	1,844	15,693	18,303	-14.3	89,752	96,411	-6.9
Northern (WV)	760	808	941	8,267	9,340	-11.5	45,747	47,217	-3.1
Southern (WV)	683	724	903	7,426	8,962	-17.1	44,004	49,194	-10.6
Wyoming	4,015	4,213	5,198	42,744	51,583	-17.1	266,615	298,969	-10.8
Appalachian Total	3,010	3,185	3,840	32,595	38,100	-14.4	186,179	201,811	-7.7
Interior Total	1,941	2,145	2,743	21,770	27,217	-20.0	121,431	139,083	-12.7
Western Total	5,611	5,916	7,321	60,007	72,646	-17.4	370,165	413,941	-10.6
East of Mississippi River	4,605	4,947	6,056	50,477	60,098	-16.0	283,958	313,196	-9.3
West of Mississippi River	5,957	6,300	7,847	63,895	77,865	-17.9	393,818	441,639	-10.8
Bituminous and Lignite	10,522	11,203	13,863	113,926	137,563	-17.2	675,147	752,860	-10.3
Anthracite	40	43	40	447	400	11.6	2,628	1,975	33.1
U.S. Total	10,562	11,246	13,903	114,372	137,963	-17.1	677,775	754,835	-10.2
Railroad Cars Loaded	58,659	62,152	76,562	630,839	761,060	-17.1	3,858,955	4,374,622	-11.8

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 10

OUTPUT FOR WEEK ENDED - Mar 07, 2020

Mar 11, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Mar 07, 2020** was **72,083** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **172** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 07		52 Weeks Ended March 07	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,106	-12.0	115,549	-5.4
Mid-Atlantic	7,638	-12.7	422,433	-4.2
Central Industrial	12,271	-13.7	651,757	-4.9
West Central	5,744	-13.6	326,471	-3.6
Southeast	18,792	-11.8	1,018,216	-2.5
South Central	12,542	-13.8	767,644	0.8
Rocky Mountain	4,981	0.2	284,999	0.6
Pacific Northwest	3,326	-13.6	155,043	-1.8
Pacific Southwest	4,683	-1.8	267,368	-3.1
Total United States	72,083	-11.5	4,009,480	-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)
Feb 15	77,112	Feb 16	77,789	-0.9	Feb 15	4,022,752	-1.7
Feb 22	76,354	Feb 23	78,684	-3.0	Feb 22	4,020,422	-1.9
Feb 29	74,610	Mar 02	76,183	-2.1	Feb 29	4,018,849	-2.0
Mar 07	72,083	Mar 09	81,453	-11.5	Mar 07	4,009,480	-2.5
Mar 07	753,492	Mar 09	786,880	-4.2	YEAR TO DATE, FIRST 10 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Feb 15	177	Feb 16	175	Feb 17	161
Feb 22	179	Feb 23	180	Feb 24	160
Feb 29	178	Mar 02	177	Mar 03	166
Mar 07	172	Mar 09	191	Mar 10	172

* 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		
	7-Mar 2020 GWh Output	9-Mar 2019 GWh Output	% Increase Over Corresponding Week	7-Mar 2020 GWh Output	9-Mar 2019 GWh Output	% Increase Over Corresponding Week	7-Mar 2020 GWh Output	9-Mar 2019 GWh Output	% Increase Over Corresponding Week
New England	2,106	2,394	-12.0%	22,731	24,317	-6.5%	115,549	122,094	-5.4%
Mid-Atlantic	7,638	8,748	-12.7%	80,929	87,011	-7.0%	422,433	440,769	-4.2%
Central Industrial	12,271	14,216	-13.7%	128,521	137,240	-6.4%	651,757	685,115	-4.9%
West Central	5,744	6,651	-13.6%	62,613	66,013	-5.2%	326,471	338,820	-3.6%
Southeast	18,792	21,299	-11.8%	189,147	198,374	-4.7%	1,018,216	1,044,683	-2.5%
South Central	12,542	14,551	-13.8%	132,860	135,103	-1.7%	767,644	761,812	0.8%
Rocky Mountain	4,981	4,973	0.2%	54,449	53,338	2.1%	284,999	283,360	0.6%
Pacific Northwest	3,326	3,851	-13.6%	34,877	37,338	-6.6%	155,043	157,821	-1.8%
Pacific Southwest	4,683	4,770	-1.8%	47,364	48,147	-1.6%	267,368	275,893	-3.1%
Total United States ^{1/}	72,083	81,453	-11.5%	753,491	786,881	-4.2%	4,009,480	4,110,367	-2.5%
Coal Regions Only ^{2/}	61,968	70,438	-12.0%	648,519	677,079	-4.2%	3,471,520	3,554,559	-2.3%

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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March 9, 2020

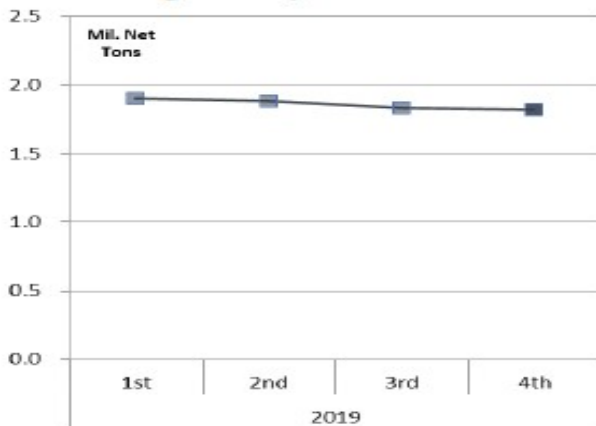
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Mar 7</u>	<u>Feb 29</u>	
<u>Week Ending</u>				North East	237	232
				Great Lakes	687	691
March 7, 2020	1,903	-0.1	81.6	Midwest	202	205
March 7, 2019	1,913	-0.5	82.2	Southern	704	723
February 29, 2020	1,923	1.2	82.5	Western	<u>73</u>	<u>72</u>
				Total	1,903	1,923
<u>Year-to-Date +</u>						
March 7, 2020	18,253	0.6	81.8			
March 7, 2019	18,141	-	81.6			

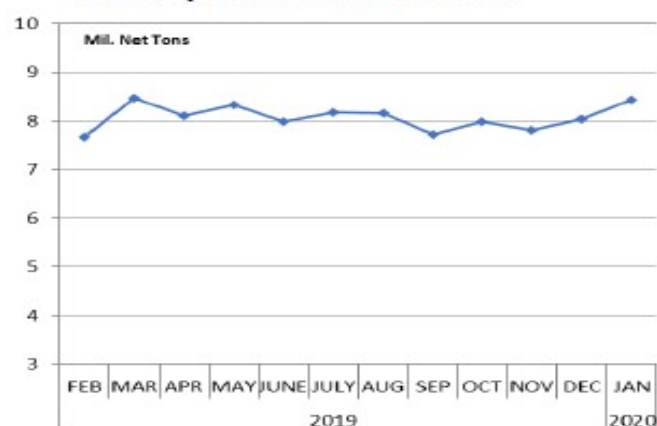
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 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.

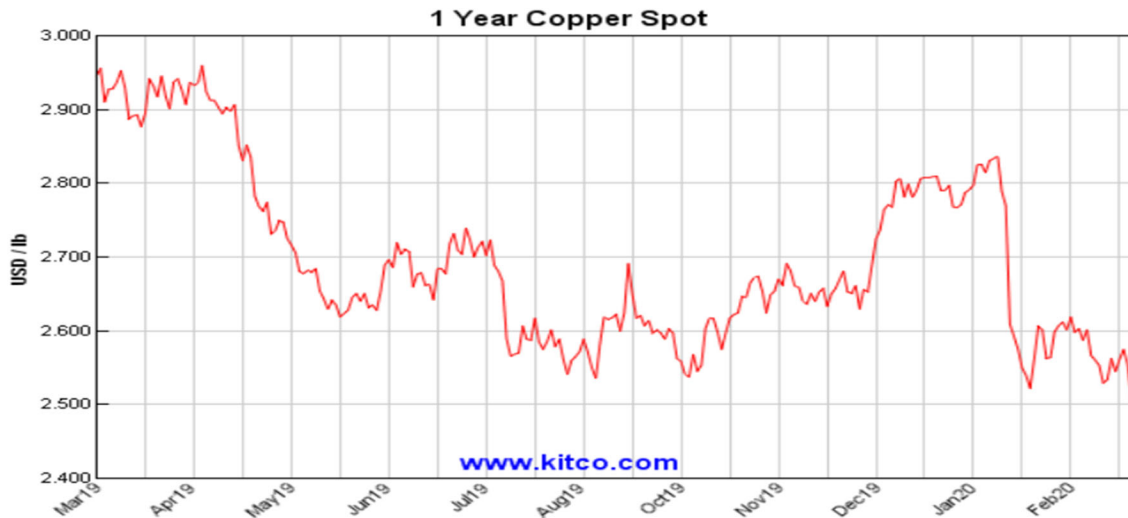
Average Weekly Raw Steel Production



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 10, 2020 – Ended March 7, 2020

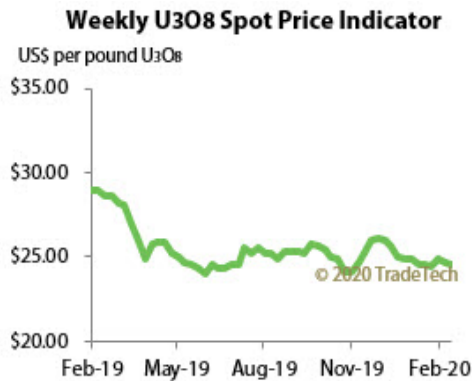
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	229,742	-3.5%	2,323,120	232,312	-6.2%
Chemicals	33,419	6.5%	327,405	32,741	2.9%
Coal	58,659	-23.4%	660,924	66,092	-17.6%
Farm Products excl. Grain, and Food	16,404	6.0%	158,146	15,815	2.0%
Forest Products	9,839	2.5%	97,557	9,756	-3.0%
Grain	20,863	9.0%	197,867	19,787	-7.7%
Metallic Ores and Metals	19,672	-1.0%	208,685	20,869	0.6%
Motor Vehicles and Parts	18,149	8.1%	156,210	15,621	-1.2%
Nonmetallic Minerals	30,385	0.5%	286,686	28,669	-5.4%
Petroleum and Petroleum Products	12,641	18.6%	131,874	13,187	4.9%
Other	9,711	16.8%	97,766	9,777	6.1%
Total Intermodal Units	232,561	-14.1%	2,475,466	247,547	-7.7%
Total Traffic	462,303	-9.1%	4,798,586	479,859	-7.0%

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.

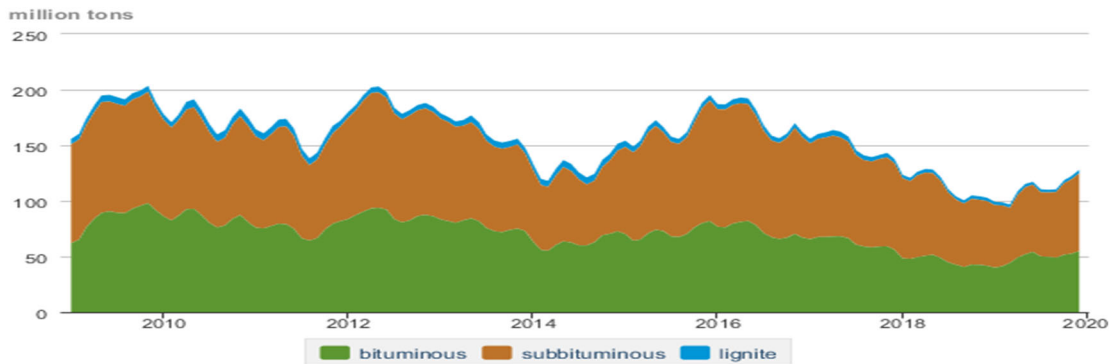
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - December 2019

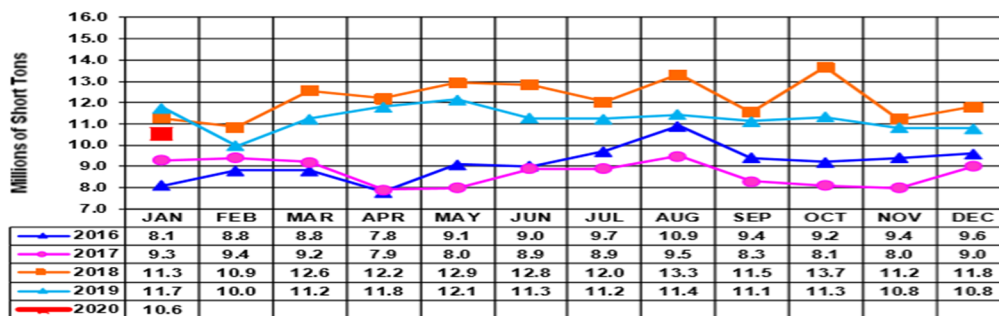


eia Source: U.S. Energy Information Administration

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.

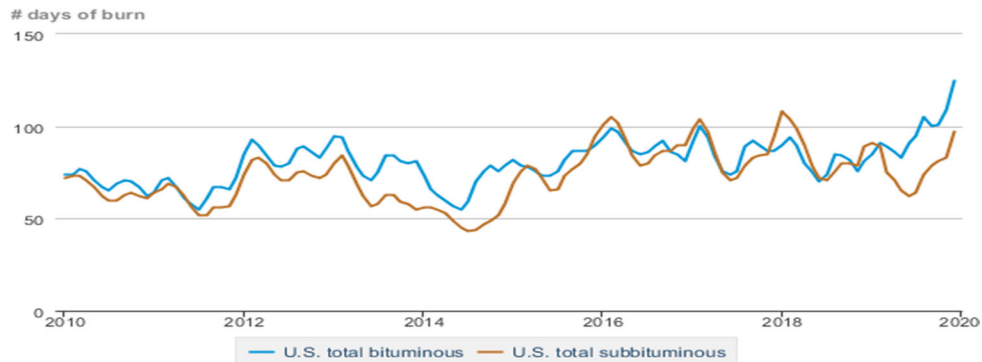
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	02/07/20	02/14/20	02/21/20	02/28/20	03/06/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.15	\$59.15	\$59.15	\$58.00	\$58.00	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$50.40	\$45.50	\$45.50	\$44.05	\$44.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.85	\$33.85	\$33.85	\$33.45	\$33.45	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.70	\$11.65	\$11.65	\$11.60	\$11.60	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.15	\$31.00	\$31.00	\$30.90	\$30.90	\$0.00

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

Days of burn by non-lignite coal rank, January 2009 - December 2019



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 27)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	194	-49	-51	0	0	0
Middle Atlantic	194	-36	-30	0	0	0
E N Central	228	-17	-20	0	0	0
W N Central	238	-7	-78	0	0	0
South Atlantic	145	0	32	7	-1	-13
E S Central	160	19	61	0	-2	-1
W S Central	116	25	32	1	-3	-3
Mountain	205	19	-28	0	-1	0
Pacific	78	-20	-63	0	-1	0
United States	172	-10	-22	1	-2	-3

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

Source: National Oceanic and Atmospheric Administration

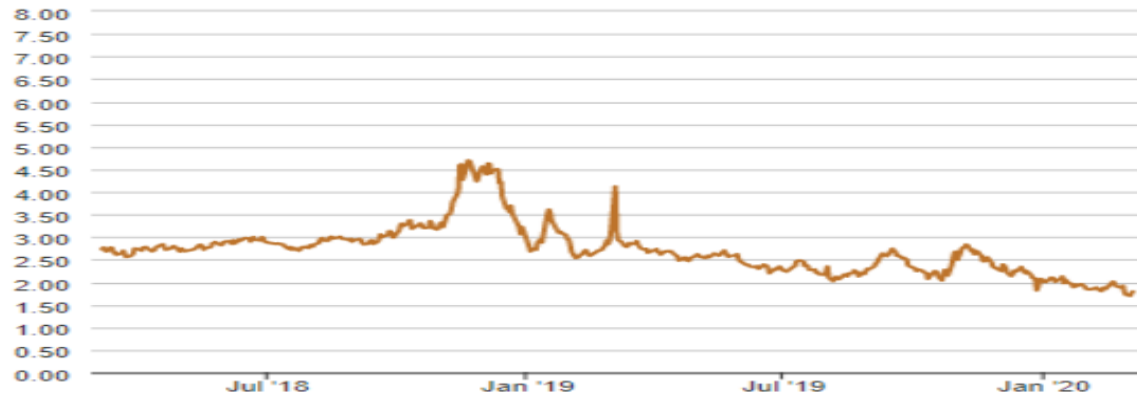
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	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	December 2019		December 2018		% Change of Stocks	November 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,185	210	3,374	131	24.0%	4,018	201	4.1%
	Subbituminous	162	306	116	225	38.7%	162	144	0.0%
South	Bituminous	24,142	128	19,274	83	25.3%	22,887	113	5.5%
	Subbituminous	6,868	94	4,570	57	50.3%	5,709	67	20.3%
Midwest	Bituminous	11,892	95	8,267	64	43.8%	11,527	86	3.2%
	Subbituminous	25,691	109	28,019	109	-8.3%	25,709	99	-0.1%
West	Bituminous	3,463	150	3,706	87	-6.6%	3,184	116	8.8%
	Subbituminous	23,027	86	18,455	74	24.8%	22,412	72	2.7%
U.S. Total	Bituminous	43,682	125	34,622	81	26.2%	41,616	109	5.0%
	Subbituminous	55,748	97	51,161	89	9.0%	53,991	83	3.3%

Source: Energy Information Administration, *Electricity Monthly Update*

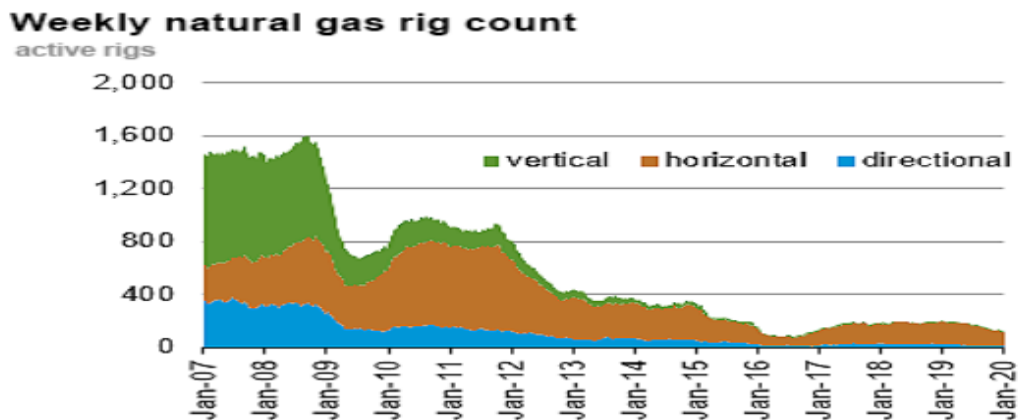
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-02-28	2020-02-21	change
East	451	484	-33
Midwest	558	591	-33
Mountain	101	108	-7
Pacific	197	196	1
South Central	784	821	-37
Total	2,091	2,200	-109

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		
	February 2020	March 2020	change	February 2020	March 2020	change
Anadarko	722	751	29	4,365	4,481	116
Appalachia	119	127	8	15,060	15,250	190
Bakken	1,388	1,419	31	2,022	2,064	42
Eagle Ford	1,461	1,482	21	4,927	4,937	10
Haynesville	25	25	-	10,303	10,326	23
Niobrara	1,232	1,237	5	4,270	4,292	22
Permian	813	815	2	1,566	1,571	5
Rig-weighted average	835	853	18	3,858	3,845	(13)

Source: Energy Information Administration, *Drilling Productivity Report*