

National Mining Association

Weekly Statistical Summary

March 6, 2020 Edition
(Data for Week Ending February 29, 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. 9
Dated 03/06/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/29/20	03/02/19	% Chng	02/29/20	02/29/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,246	14,273	-21.2%	103,811	123,956	-16.3%
52 Weeks Ended	681,129	755,497	-9.8%			
AAR Coal Rail Cars Loaded:	62,152	78,596	-20.9%	572,180	683,923	-16.3%
Coal Production Month Ended - Feb.	February 20/19 47,568	% Chng 58,224	% Chng -18.3%	Jan - Feb 20/19 103,811	% Chng 123,956	% Chng -16.3%
DOC Coal Trade (000 Tons)						
Exports:	December 19/18			Jan - Dec 19/18		
			% Chng			% Chng
Metallurgical	4,311	4,914	-12.3%	55,113	61,513	-10.4%
Steam Bit. *	2,113	3,995	-47.1%	37,392	53,831	-30.5%
Lignite	12	8	50.0%	98	86	14.0%
Anthracite	65	4	1525.0%	316	254	24.4%
Total	6,501	8,921	-27.1%	92,919	115,684	-19.7%
Imports:	515	898	-42.7%	6,697	5,954	12.5%
	Week Ended			Cumulative Week 1 to		
	02/29/20	03/02/19	% Chng	02/29/20	03/02/19	% Chng
EI Electric Total Output (Mil. Kwh)	74,610	76,183	-2.1%	681,408	705,428	-3.4%
EI Coal Region Output (Mil. Kwh)	64,455	65,164	-1.1%	586,551	606,641	-3.3%
AISI Raw Steel Output (000 Tons)	1,923	1,917	0.3%	16,350	16,228	0.8%

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)	
	02/28/20	02/21/20	% Chng	Wed.	02/26/20
Central App, 12,500 Btu, 1.2 SO ₂	\$58.00	\$59.15	-1.9%	Henry Hub	1.92
Northern App, 13,000 Btu, < 3.0 SO ₂	44.05	45.50	-3.2%	New York	1.90
Illinois Basin, 11,800, 5.0 SO ₂	33.45	33.85	-1.2%	Chicago	1.76
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.65	-0.4%	Cal.Comp.Avg.	2.08
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.90	31.00	-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; SNL Energy; 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		
	2/29/2020 (week 9)	2/22/2020 (week 8)	3/2/2019 (week 9)	2/29/2020	2/29/2019	% Change	2/29/2020	3/2/2019	% Change
Alabama	243	253	304	2,261	2,639	-14.3	14,129	14,836	-4.8
Alaska	19	19	20	172	174	-0.8	986	920	7.2
Arizona	.	.	119	.	1,038	-100.0	2,771	6,576	-57.9
Colorado	195	205	277	1,798	2,407	-25.3	11,825	14,266	-17.1
Illinois	790	798	1,035	7,295	8,988	-18.8	45,840	50,112	-8.5
Indiana	548	567	707	5,060	6,144	-17.6	31,632	35,185	-10.1
Kentucky Total	607	628	797	5,614	6,918	-18.8	35,414	39,858	-11.1
Eastern (KY)	223	229	310	2,055	2,696	-23.8	13,498	16,786	-19.6
Western (KY)	384	399	486	3,560	4,221	-15.7	21,916	23,072	-5.0
Louisiana	17	16	18	159	161	-1.0	1,322	1,490	-11.3
Maryland	27	28	30	248	262	-5.2	1,436	1,308	9.8
Mississippi	40	40	47	373	411	-9.4	2,657	2,926	-9.2
Missouri	3	3	4	26	34	-23.9	187	250	-25.2
Montana	511	499	563	4,656	4,890	-4.8	33,907	37,452	-9.5
New Mexico	302	315	296	2,803	2,574	8.9	15,658	12,063	29.8
North Dakota	409	402	572	3,742	4,971	-24.7	24,877	29,614	-16.0
Ohio	133	132	154	1,227	1,340	-8.4	8,027	8,697	-7.7
Oklahoma	3	3	5	31	44	-29.4	245	672	-63.5
Pennsylvania Total	821	842	993	7,632	8,627	-11.5	47,529	50,650	-6.2
Anthracite (PA)	43	47	41	407	360	13.0	2,392	1,968	21.5
Bituminous (PA)	778	794	952	7,226	8,268	-12.6	45,137	48,682	-7.3
Tennessee	6	6	6	58	49	17.4	397	238	66.8
Texas	360	382	512	3,325	4,451	-25.3	21,528	25,262	-14.8
Utah	268	281	331	2,496	2,871	-13.0	14,250	14,078	1.2
Virginia	200	206	250	1,854	2,174	-14.7	12,083	12,957	-6.7
West Virginia Total	1,532	1,588	1,893	14,250	16,445	-13.3	90,241	96,389	-6.4
Northern (WV)	808	830	966	7,507	8,392	-10.5	45,903	47,140	-2.6
Southern (WV)	724	759	927	6,743	8,053	-16.3	44,338	49,249	-10.0
Wyoming	4,213	4,288	5,336	38,730	46,346	-16.4	264,189	299,697	-11.8
Appalachian Total	3,185	3,283	3,942	29,585	34,232	-13.6	187,339	201,861	-7.2
Interior Total	2,145	2,209	2,816	19,829	24,454	-18.9	125,326	138,971	-9.8
Western Total	5,916	6,009	7,515	54,397	65,270	-16.7	368,464	414,665	-11.1
East of Mississippi River	4,947	5,087	6,217	45,872	53,996	-15.0	289,384	313,157	-7.6
West of Mississippi River	6,300	6,414	8,055	57,938	69,960	-17.2	391,745	442,340	-11.4
Bituminous and Lignite	11,203	11,453	14,231	103,404	123,597	-16.3	678,737	753,529	-9.9
Anthracite	43	47	41	407	360	13.0	2,392	1,968	21.5
U.S. Total	11,246	11,501	14,273	103,811	123,956	-16.3	681,129	755,497	-9.8
Railroad Cars Loaded	62,152	63,540	78,596	572,180	683,923	-16.3	3,876,855	4,381,756	-11.5

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 9

OUTPUT FOR WEEK ENDED - Feb 29, 2020

Mar 04, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Feb 29, 2020 was **74,610** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 29		52 Weeks Ended February 29	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,154	-11.4	115,837	-5.0
Mid-Atlantic	7,916	-6.4	423,543	-3.8
Central Industrial	12,805	-4.8	653,702	-4.4
West Central	5,995	-7.0	327,377	-3.2
Southeast	19,220	3.4	1,020,723	-2.1
South Central	13,316	1.1	769,653	1.3
Rocky Mountain	5,203	3.0	284,991	0.6
Pacific Northwest	3,355	-13.3	155,568	-1.1
Pacific Southwest	4,646	-1.6	267,455	-3.1
Total United States	74,610	-2.1	4,018,849	-2.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Feb 08	75,127	Feb 09	76,185	-1.4	Feb 08	4,023,430	-1.6
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
Feb 29	681,408	Mar 02	705,428	-3.4	YEAR TO DATE, FIRST 9 WEEKS		

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

Week Ended	2020	Week Ended	2019	Week Ended	2018
Feb 08	169	Feb 09	165	Feb 10	165
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

* 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		
	29-Feb 2020 GWh Output	2-Mar 2019 GWh Output	% Increase Over Corresponding Week	29-Feb 2020 GWh Output	2-Mar 2019 GWh Output	% Increase Over Corresponding Week	29-Feb 2020 GWh Output	2-Mar 2019 GWh Output	% Increase Over Corresponding Week
New England	2,154	2,430	-11.4%	20,625	21,923	-5.9%	115,837	121,963	-5.0%
Mid-Atlantic	7,916	8,462	-6.5%	73,291	78,263	-6.4%	423,543	440,132	-3.8%
Central Industrial	12,805	13,456	-4.8%	116,250	123,024	-5.5%	653,702	683,799	-4.4%
West Central	5,995	6,445	-7.0%	56,869	59,362	-4.2%	327,377	338,058	-3.2%
Southeast	19,220	18,585	3.4%	170,355	177,075	-3.8%	1,020,723	1,042,532	-2.1%
South Central	13,316	13,166	1.1%	120,318	120,552	-0.2%	769,653	759,560	1.3%
Rocky Mountain	5,203	5,050	3.0%	49,468	48,365	2.3%	284,991	283,228	0.6%
Pacific Northwest	3,355	3,869	-13.3%	31,551	33,487	-5.8%	155,568	157,363	-1.1%
Pacific Southwest	4,646	4,720	-1.6%	42,681	43,377	-1.6%	267,455	275,892	-3.1%
Total United States ^{1/}	74,610	76,183	-2.1%	681,408	705,428	-3.4%	4,018,849	4,102,527	-2.0%
Coal Regions Only ^{2/}	64,455	65,164	-1.1%	586,551	606,641	-3.3%	3,479,989	3,547,309	-1.9%

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

March 2, 2020

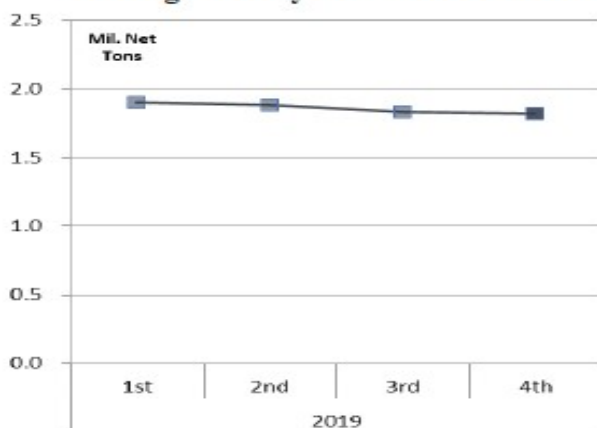
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Feb 29</u>	<u>Feb 22</u>	
<u>Week Ending</u>				North East	232	229
				Great Lakes	691	688
February 29, 2020	1,923	1.2	82.5	Midwest	205	203
February 29, 2019	1,917	0.3	82.4	Southern	723	712
February 22, 2020	1,901	-0.3	81.5	Western	72	69
				Total	1,923	1,901
<u>Year-to-Date +</u>						
February 29, 2020	16,350	0.8	81.8			
February 29, 2019	16,228	-	81.3			

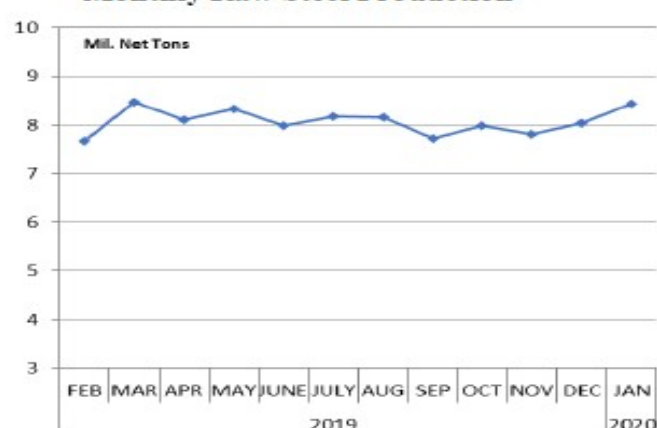
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 9, 2020 – Ended February 29, 2020

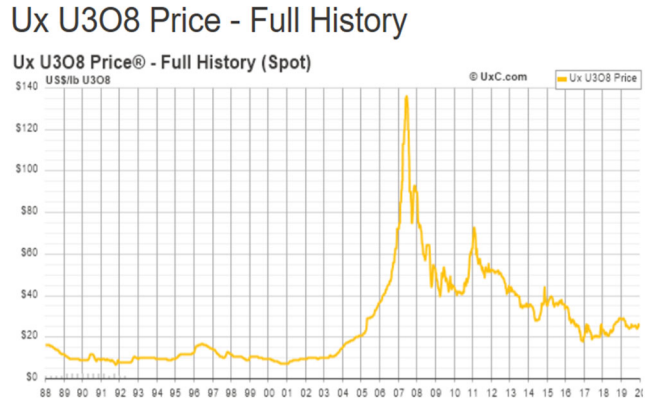
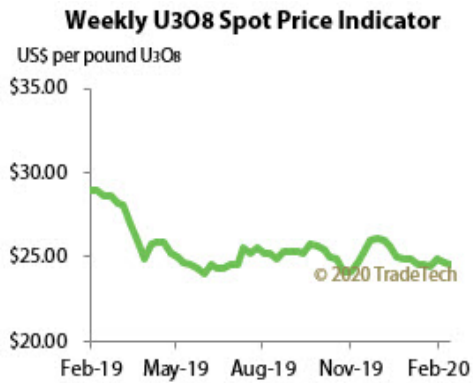
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	234,652	-6.5%	2,092,817	232,535	-6.5%
Chemicals	33,921	1.0%	293,907	32,656	2.4%
Coal	62,152	-21.2%	602,265	66,918	-17.0%
Farm Products excl. Grain, and Food	16,285	7.0%	141,705	15,745	1.5%
Forest Products	9,841	1.9%	87,594	9,733	-3.7%
Grain	20,611	1.4%	176,906	19,656	-9.4%
Metallic Ores and Metals	21,383	3.2%	188,867	20,985	0.7%
Motor Vehicles and Parts	18,254	-0.9%	138,051	15,339	-2.3%
Nonmetallic Minerals	28,909	-9.6%	256,275	28,475	-6.1%
Petroleum and Petroleum Products	13,389	12.7%	119,196	13,244	3.6%
Other	9,907	-3.3%	88,051	9,783	5.1%
Total Intermodal Units	242,959	-12.5%	2,242,763	249,196	-7.0%
Total Traffic	477,611	-9.6%	4,335,580	481,731	-6.8%

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.

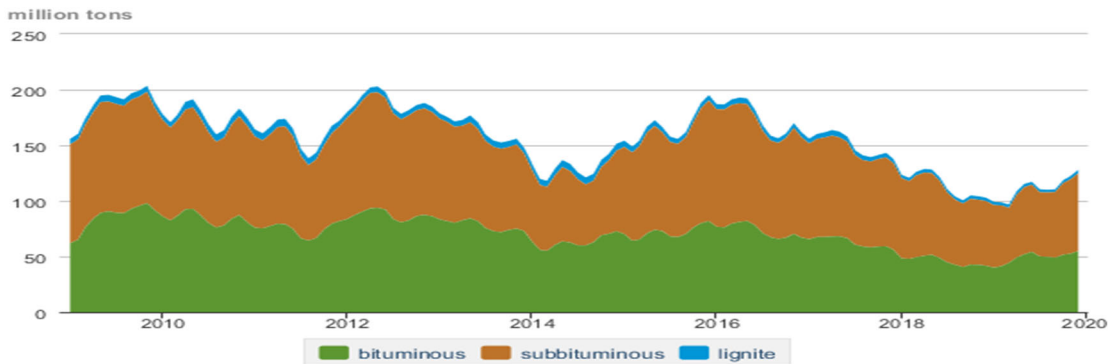
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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

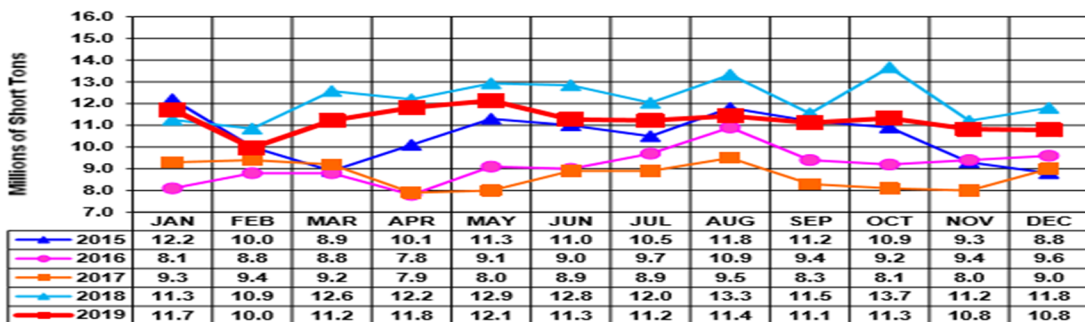


Source: U.S. Energy Information Administration

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.

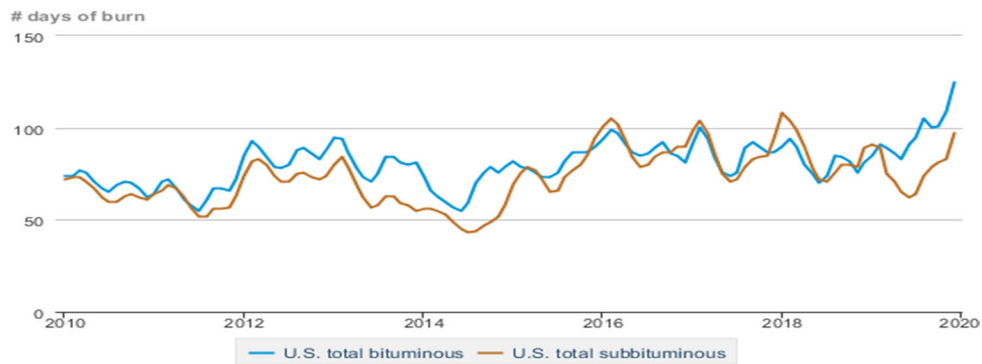
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	01/31/20	02/07/20	02/14/20	02/21/20	02/28/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.15	\$59.15	\$59.15	\$59.15	\$58.00	-\$1.15
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$50.40	\$50.40	\$45.50	\$45.50	\$44.05	-\$1.45
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.85	\$33.85	\$33.85	\$33.85	\$33.45	-\$0.40
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.70	\$11.70	\$11.65	\$11.65	\$11.60	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.15	\$31.15	\$31.00	\$31.00	\$30.90	-\$0.10

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*

Region	Temperature – heating & cooling degree days (week ending Feb 20)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	254	-2	2	0	0	0
Middle Atlantic	239	-4	5	0	0	0
E N Central	285	24	9	0	0	0
W N Central	299	34	-36	0	0	0
South Atlantic	146	-11	8	17	9	2
E S Central	148	-5	13	0	-1	0
W S Central	96	-8	-10	6	2	2
Mountain	208	10	-31	0	-1	0
Pacific	96	-5	-57	0	0	0
United States	201	6	-12	4	2	1

Note: HDD = heating degree day; CDD = cooling degree day
Source: National Oceanic and Atmospheric Administration

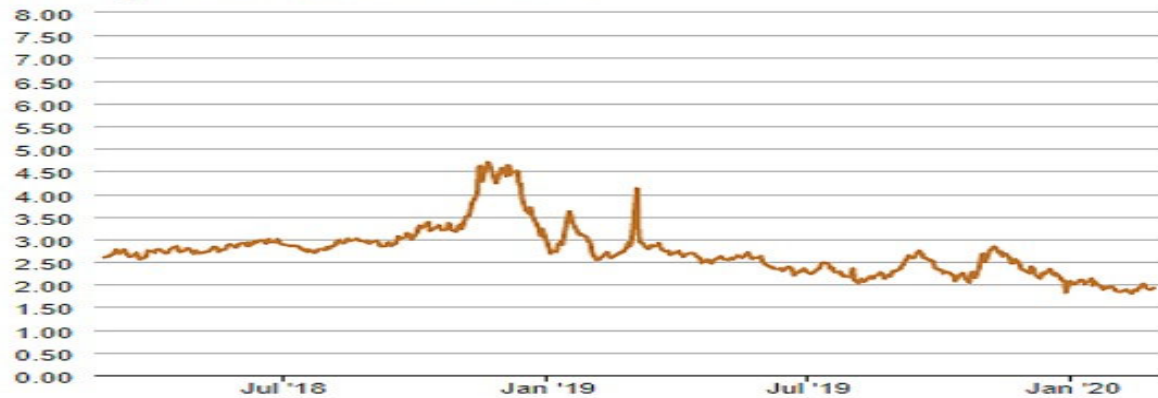
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	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



eia 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

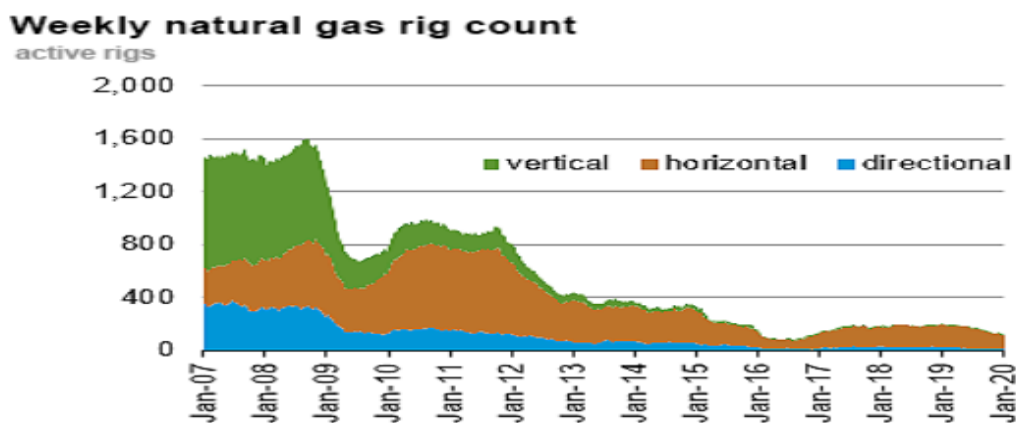
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-02-21	2020-02-14	change
East	484	527	-43
Midwest	591	639	-48
Mountain	108	117	-9
Pacific	196	198	-2
South Central	821	861	-40
Total	2,200	2,343	-143

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*