

National Mining Association

Weekly Statistical Summary

February 28, 2020 Edition
(Data for Week Ending February 22, 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. 8
Dated 02/28/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/22/20	02/23/19	% Chng	02/22/20	02/22/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,501	15,772	-27.1%	92,564	111,630	-17.1%
52 Weeks Ended	684,155	756,069	-9.5%			
AAR Coal Rail Cars Loaded:	63,540	86,854	-26.8%	510,028	616,042	-17.2%
Coal Production Month Ended - Jan.	January 20/19		% Chng	Jan - Jan 20/19		% Chng
	56,243	65,733	-14.4%	56,243	65,733	-14.4%
DOC Coal Trade (000 Tons)						
Exports:	December 19/18		% Chng	Jan - Dec 19/18		% 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		
	02/22/20	02/23/19	% Chng	02/22/20	02/23/19	% Chng
EI Electric Total Output (Mil. Kwh)	76,354	78,684	-3.0%	606,798	629,245	-3.6%
EI Coal Region Output (Mil. Kwh)	65,932	67,537	-2.4%	522,096	541,477	-3.6%
AISI Raw Steel Output (000 Tons)	1,901	1,917	-0.8%	14,476	14,311	1.2%

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)	
	02/21/20	02/14/20	% Chng	Wed.	02/19/20
Central App, 12,500 Btu, 1.2 SO ₂	\$59.15	\$59.15	0.0%	Henry Hub	2.02
Northern App, 13,000 Btu, < 3.0 SO ₂	45.50	45.50	0.0%	New York	2.33
Illinois Basin, 11,800, 5.0 SO ₂	33.85	33.85	0.0%	Chicago	1.90
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.65	11.65	0.0%	Cal.Comp.Avg.	2.14
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.00	31.00	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



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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		
	2/22/2020 (week 8)	2/15/2020 (week 7)	2/23/2019 (week 8)	2/22/2020	2/22/2019	% Change	2/22/2020	2/23/2019	% Change
Alabama	253	248	336	2,018	2,377	-15.1	14,189	14,840	-4.4
Alaska	19	19	22	154	157	-1.9	987	918	7.5
Arizona	.	.	132	.	935	-100.0	2,891	6,577	-56.0
Colorado	205	190	306	1,602	2,167	-26.1	11,907	14,248	-16.4
Illinois	798	815	1,144	6,506	8,094	-19.6	46,085	50,075	-8.0
Indiana	567	548	782	4,511	5,533	-18.5	31,791	35,142	-9.5
Kentucky Total	628	612	880	5,008	6,230	-19.6	35,604	39,872	-10.7
Eastern (KY)	229	224	343	1,832	2,428	-24.6	13,585	16,831	-19.3
Western (KY)	399	388	537	3,176	3,802	-16.5	22,018	23,041	-4.4
Louisiana	16	19	20	142	145	-1.8	1,323	1,490	-11.2
Maryland	28	27	33	222	236	-6.1	1,440	1,308	10.1
Mississippi	40	43	52	333	370	-10.1	2,664	2,929	-9.0
Missouri	3	3	4	23	31	-24.8	188	252	-25.4
Montana	499	524	622	4,145	4,404	-5.9	33,959	37,605	-9.7
New Mexico	315	305	328	2,500	2,318	7.9	15,652	11,927	31.2
North Dakota	402	423	633	3,333	4,477	-25.5	25,041	29,637	-15.5
Ohio	132	140	170	1,094	1,206	-9.3	8,049	8,737	-7.9
Oklahoma	3	3	6	28	40	-30.3	246	677	-63.7
Pennsylvania Total	842	851	1,098	6,811	7,769	-12.3	47,701	50,606	-5.7
Anthracite (PA)	47	43	46	364	324	12.2	2,390	1,961	21.9
Bituminous (PA)	794	808	1,052	6,448	7,446	-13.4	45,311	48,644	-6.9
Tennessee	6	7	6	51	44	16.7	396	238	66.4
Texas	382	350	566	2,965	4,008	-26.0	21,681	25,229	-14.1
Utah	281	273	365	2,229	2,585	-13.8	14,313	14,036	2.0
Virginia	206	204	277	1,654	1,958	-15.5	12,133	12,972	-6.5
West Virginia Total	1,588	1,569	2,092	12,718	14,809	-14.1	90,603	96,353	-6.0
Northern (WV)	830	834	1,068	6,699	7,558	-11.4	46,062	47,056	-2.1
Southern (WV)	759	735	1,025	6,019	7,252	-17.0	44,541	49,298	-9.6
Wyoming	4,288	4,242	5,897	34,517	41,737	-17.3	265,313	300,400	-11.7
Appalachian Total	3,283	3,271	4,356	26,400	30,828	-14.4	188,096	201,884	-6.8
Interior Total	2,209	2,170	3,112	17,684	22,022	-19.7	125,996	138,836	-9.2
Western Total	6,009	5,975	8,305	48,480	58,780	-17.5	370,063	415,348	-10.9
East of Mississippi River	5,087	5,065	6,871	40,926	48,627	-15.8	290,654	313,072	-7.2
West of Mississippi River	6,414	6,350	8,902	51,638	63,003	-18.0	393,501	442,997	-11.2
Bituminous and Lignite	11,453	11,372	15,727	92,201	111,306	-17.2	681,765	754,107	-9.6
Anthracite	47	43	46	364	324	12.2	2,390	1,961	21.9
U.S. Total	11,501	11,415	15,772	92,564	111,630	-17.1	684,155	756,069	-9.5
Railroad Cars Loaded	63,540	63,045	86,854	510,028	616,042	-17.2	3,893,299	4,388,460	-11.3

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 8

OUTPUT FOR WEEK ENDED - Feb 22, 2020

Feb 26, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 22, 2020** was **76,354** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **179** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 22		52 Weeks Ended February 22	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,280	-4.0	116,112	-4.6
Mid-Atlantic	8,140	-3.2	424,089	-3.5
Central Industrial	13,038	-4.1	654,354	-4.1
West Central	6,338	-3.3	327,827	-2.8
Southeast	19,644	-1.7	1,020,089	-2.1
South Central	13,538	-0.3	769,503	1.4
Rocky Mountain	5,234	-3.5	284,838	0.6
Pacific Northwest	3,505	-8.9	156,082	-0.7
Pacific Southwest	4,637	-5.8	267,529	-3.1
Total United States	76,354	-3.0	4,020,422	-1.9

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Feb 01	75,819	Feb 02	82,990	-8.6	Feb 01	4,024,487	-1.7
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 22	606,798	Feb 23	629,245	-3.6	YEAR TO DATE, FIRST 8 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Feb 01	171	Feb 02	182	Feb 03	162
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

* 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		
	22-Feb 2020 GWh Output	23-Feb 2019 GWh Output	% Increase Over Corresponding Week	22-Feb 2020 GWh Output	23-Feb 2019 GWh Output	% Increase Over Corresponding Week	22-Feb 2020 GWh Output	23-Feb 2019 GWh Output	% Increase Over Corresponding Week
New England	2,280	2,375	-4.0%	18,471	19,493	-5.2%	116,112	121,698	-4.6%
Mid-Atlantic	8,140	8,408	-3.2%	65,375	69,801	-6.3%	424,089	439,349	-3.5%
Central Industrial	13,038	13,597	-4.1%	103,445	109,568	-5.6%	654,354	682,606	-4.1%
West Central	6,338	6,554	-3.3%	50,874	52,917	-3.9%	327,827	337,381	-2.8%
Southeast	19,644	19,975	-1.7%	151,135	158,490	-4.6%	1,020,089	1,041,917	-2.1%
South Central	13,538	13,581	-0.3%	107,002	107,386	-0.4%	769,503	758,726	1.4%
Rocky Mountain	5,234	5,422	-3.5%	44,265	43,315	2.2%	284,838	283,158	0.6%
Pacific Northwest	3,505	3,848	-8.9%	28,196	29,618	-4.8%	156,082	157,115	-0.7%
Pacific Southwest	4,637	4,924	-5.8%	38,035	38,657	-1.6%	267,529	276,120	-3.1%
Total United States ^{1/}	76,354	78,684	-3.0%	606,798	629,245	-3.6%	4,020,423	4,098,070	-1.9%
Coal Regions Only ^{2/}	65,932	67,537	-2.4%	522,096	541,477	-3.6%	3,480,700	3,543,137	-1.8%

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

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

February 24, 2020

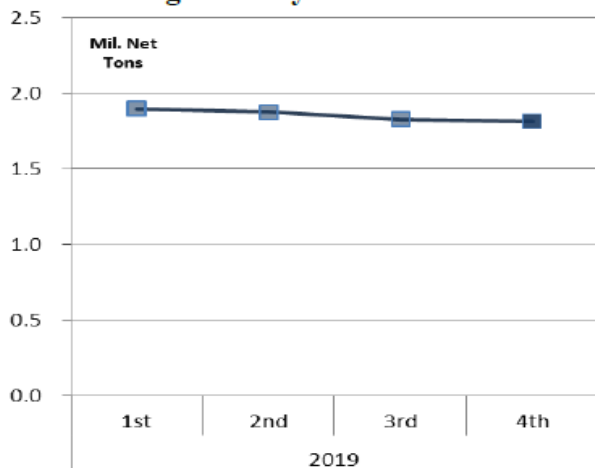
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Feb 22</u>	<u>Week Ending Feb 15</u>	
<u>Week Ending</u>				North East	229	233
				Great Lakes	688	684
February 22, 2020	1,901	-0.3	81.5	Midwest	203	202
February 22, 2019	1,917	-0.8	82.4	Southern	712	717
February 15, 2020	1,907	0.4	81.8	Western	69	71
				Total	1,901	1,907
<u>Year-to-Date +</u>						
February 22, 2020	14,476	1.1	82.0			
February 22, 2019	14,311	-	81.3			

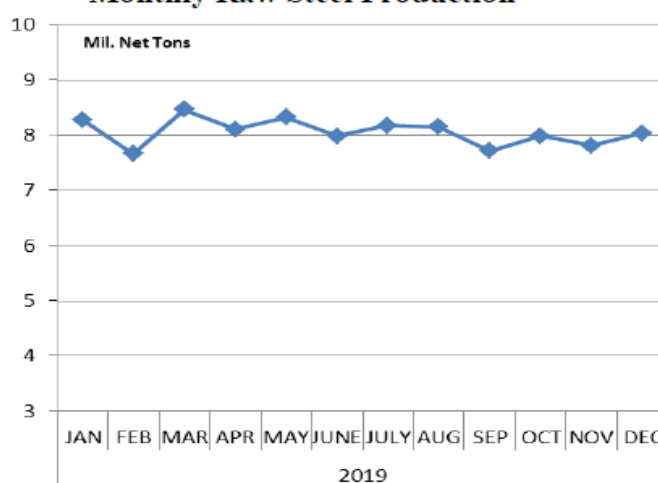
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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





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



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

U.S. Rail Traffic¹
Week 8, 2020 – Ended February 22, 2020

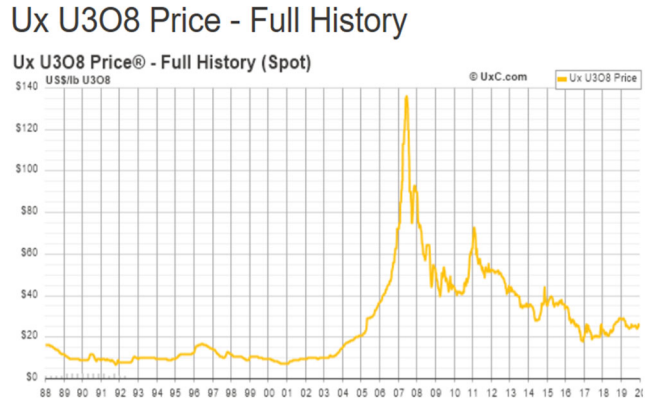
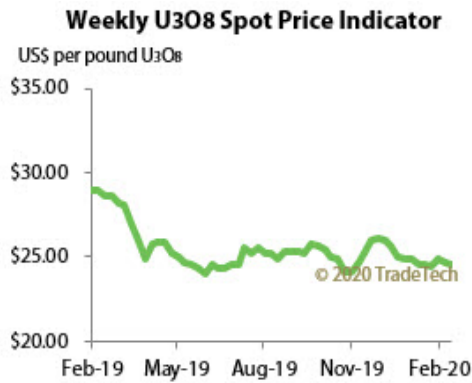
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	232,869	-9.3%	1,858,165	232,271	-6.5%
Chemicals	33,284	7.7%	259,986	32,498	2.6%
Coal	63,540	-26.8%	540,113	67,514	-16.5%
Farm Products excl. Grain, and Food	15,754	-0.2%	125,420	15,678	0.9%
Forest Products	9,393	-9.8%	77,753	9,719	-4.4%
Grain	18,909	-12.8%	156,295	19,537	-10.6%
Metallic Ores and Metals	20,528	-2.6%	167,484	20,936	0.4%
Motor Vehicles and Parts	17,898	7.1%	119,797	14,975	-2.5%
Nonmetallic Minerals	29,854	-5.2%	227,366	28,421	-5.6%
Petroleum and Petroleum Products	13,401	10.0%	105,807	13,226	2.6%
Other	10,308	5.9%	78,144	9,768	6.2%
Total Intermodal Units	249,821	-6.0%	1,999,804	249,976	-6.2%
Total Traffic	482,690	-7.6%	3,857,969	482,246	-6.4%

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.

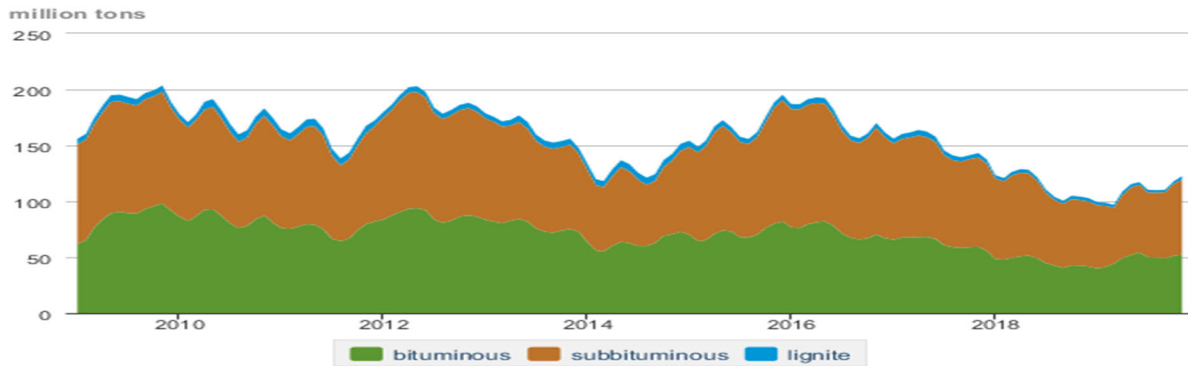
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - November 2019

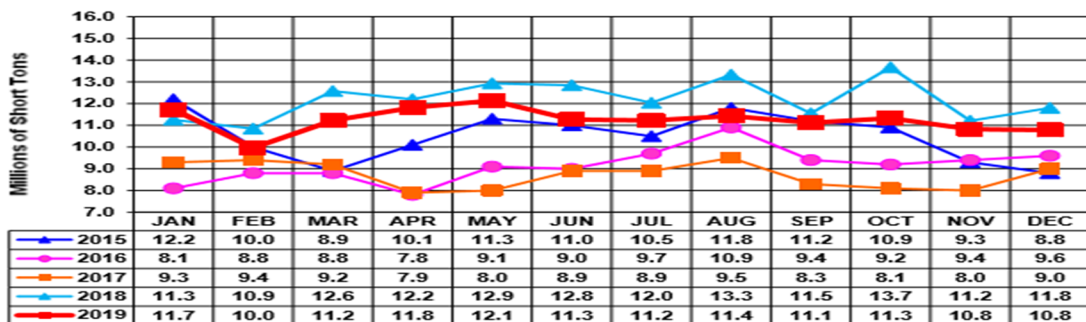


Source: U.S. Energy Information Administration

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.

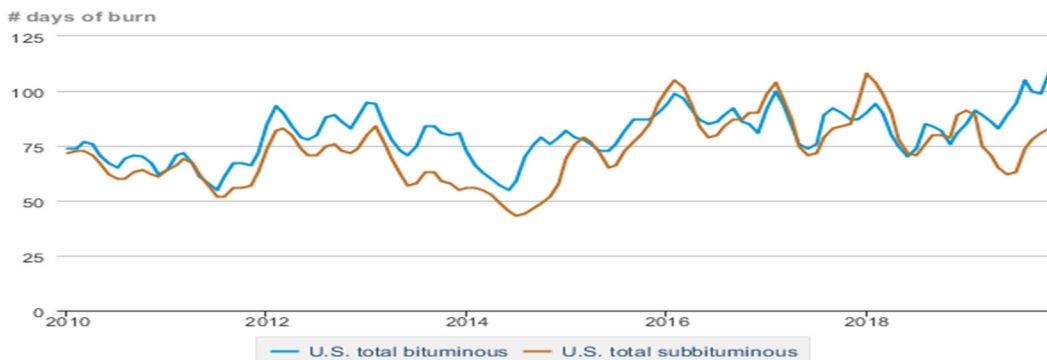
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	01/24/20	01/31/20	02/07/20	02/14/20	02/21/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$57.40	\$59.15	\$59.15	\$59.15	\$59.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$54.00	\$50.40	\$50.40	\$45.50	\$45.50	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.20	\$33.85	\$33.85	\$33.85	\$33.85	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.70	\$11.70	\$11.65	\$11.65	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.30	\$31.15	\$31.15	\$31.00	\$31.00	\$0.00

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

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 13)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	218	-48	-22	0	0	0
Middle Atlantic	201	-52	-30	0	0	0
E N Central	254	-22	-18	0	0	0
W N Central	296	14	-33	0	0	0
South Atlantic	118	-49	-10	14	7	1
E S Central	132	-34	6	0	0	-3
W S Central	104	-11	-22	4	0	1
Mountain	223	14	-33	0	-1	0
Pacific	109	4	-51	0	0	0
United States	187	-19	-27	3	2	0

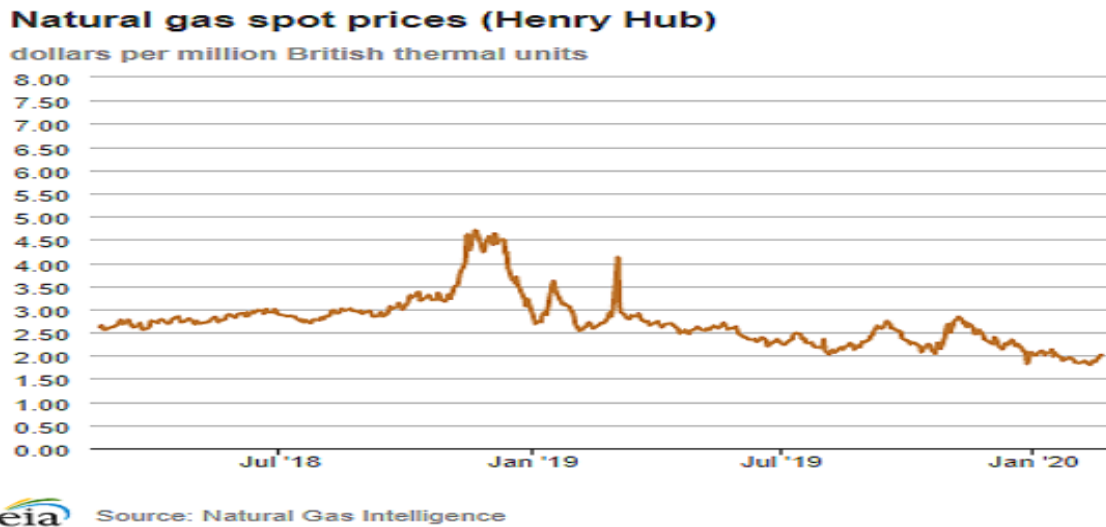
Note: HDD = heating degree day; CDD = cooling degree day

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



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	November 2019		November 2018		% Change of Stocks	October 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,018	201	3,307	105	21.5%	3,996	193	0.6%
	Subbituminous	162	144	146	102	10.9%	162	158	0.0%
South	Bituminous	22,797	112	19,193	77	18.8%	22,467	106	1.5%
	Subbituminous	5,709	67	4,613	53	23.8%	5,236	64	9.0%
Midwest	Bituminous	11,527	86	8,782	66	31.3%	11,138	85	3.5%
	Subbituminous	25,709	99	28,005	95	-8.2%	25,039	97	2.7%
West	Bituminous	3,184	116	3,915	83	-18.7%	3,223	66	-1.2%
	Subbituminous	22,412	72	19,293	69	16.2%	21,285	71	5.3%
U.S. Total	Bituminous	41,526	109	35,197	76	18.0%	40,823	99	1.7%
	Subbituminous	53,991	83	52,057	79	3.7%	51,721	81	4.4%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

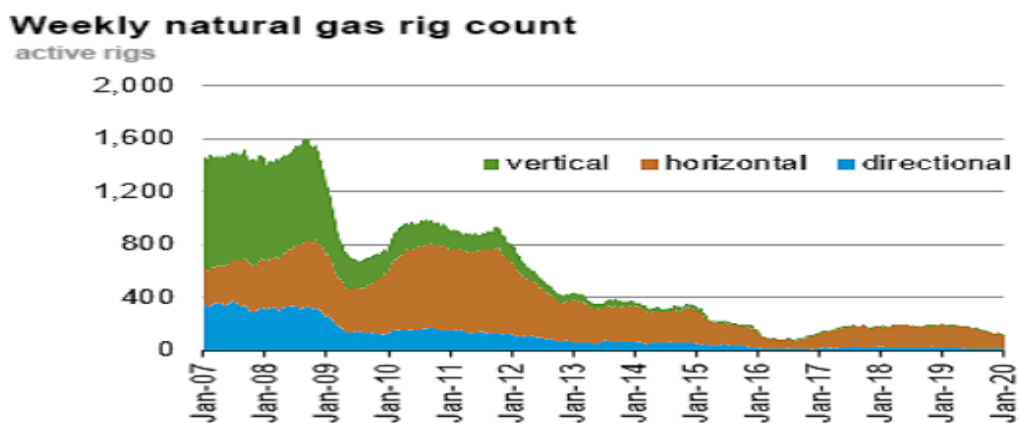
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-02-14	2020-02-07	change
East	527	569	-42
Midwest	639	694	-55
Mountain	117	126	-9
Pacific	198	202	-4
South Central	861	903	-42
Total	2,343	2,494	-151

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*