

National Mining Association

Weekly Statistical Summary

February 7, 2020 Edition
(Data for Week Ending February 1, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 5
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/01/20	02/02/19	% Chng	02/01/20	02/01/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,554	13,758	-8.8%	57,875	67,796	-14.6%
52 Weeks Ended	693,561	757,072	-8.4%			
AAR Coal Rail Cars Loaded:	69,261	75,752	-8.6%	318,447	374,662	-15.0%
Coal Production Month Ended - Dec.	December 19/18 53,699	% Chng 63,474	% Chng -15.4%	Jan - Dec 19/18 705,271	% Chng 756,167	% Chng -6.7%
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		
	02/01/20	02/02/19	% Chng	02/01/20	02/02/19	% Chng
EI Electric Total Output (Mil. Kwh)	75,819	82,990	-8.6%	378,205	396,587	-4.6%
EI Coal Region Output (Mil. Kwh)	65,424	72,108	-9.3%	325,205	342,484	-5.0%
AISI Raw Steel Output (000 Tons)	1,914	1,878	1.9%	8,769	8,561	2.4%

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)	
	01/31/20	01/24/20	% Chng	Wed.	01/29/20
Central App, 12,500 Btu, 1.2 SO ₂	\$59.15	\$57.40	3.0%	Henry Hub	1.92
Northern App, 13,000 Btu, < 3.0 SO ₂	50.40	54.00	-6.7%	New York	1.93
Illinois Basin, 11,800, 5.0 SO ₂	33.85	34.20	-1.0%	Chicago	1.80
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.70	11.75	-0.4%	Cal.Comp.Avg.	2.11
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.15	31.30	-0.5%		

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		
	2/1/2020 (week 5)	1/25/2020 (week 4)	2/2/2019 (week 5)	2/1/2020	2/1/2019	% Change	2/1/2020	2/2/2019	% Change
Alabama	276	269	293	1,263	1,443	-12.5	14,373	14,838	-3.1
Alaska	21	20	19	96	95	1.0	991	913	8.5
Arizona	.	.	115	.	568	-100.0	3,260	6,575	-50.4
Colorado	224	206	267	1,003	1,316	-23.8	12,163	14,179	-14.2
Illinois	871	884	997	4,066	4,916	-17.3	46,842	49,910	-6.1
Indiana	619	595	682	2,822	3,360	-16.0	32,287	34,974	-7.7
Kentucky Total	686	664	768	3,132	3,784	-17.2	36,189	39,874	-9.2
Eastern (KY)	250	243	299	1,146	1,475	-22.3	13,858	16,951	-18.2
Western (KY)	436	421	468	1,987	2,309	-13.9	22,331	22,923	-2.6
Louisiana	18	21	18	89	88	1.0	1,327	1,489	-10.9
Maryland	30	30	29	139	143	-3.2	1,450	1,306	11.0
Mississippi	43	47	46	208	225	-7.6	2,685	2,937	-8.6
Missouri	3	3	4	15	19	-22.7	192	255	-24.7
Montana	545	569	543	2,587	2,674	-3.3	34,141	38,041	-10.3
New Mexico	344	331	286	1,564	1,408	11.1	15,632	11,497	36.0
North Dakota	438	459	552	2,081	2,719	-23.5	25,557	29,678	-13.9
Ohio	144	152	149	683	733	-6.7	8,115	8,849	-8.3
Oklahoma	4	4	5	17	24	-28.4	252	693	-63.6
Pennsylvania Total	919	924	957	4,260	4,719	-9.7	48,218	50,420	-4.4
Anthracite (PA)	52	47	40	228	197	15.9	2,382	1,938	22.9
Bituminous (PA)	867	877	918	4,032	4,522	-10.8	45,836	48,482	-5.5
Tennessee	7	8	5	32	27	20.1	394	236	66.9
Texas	417	380	494	1,856	2,434	-23.7	22,155	25,103	-11.7
Utah	307	296	319	1,395	1,570	-11.2	14,500	13,893	4.4
Virginia	224	222	241	1,034	1,189	-13.0	12,287	13,005	-5.5
West Virginia Total	1,734	1,704	1,825	7,956	8,994	-11.5	91,691	96,147	-4.6
Northern (WV)	906	906	931	4,190	4,590	-8.7	46,538	46,748	-0.4
Southern (WV)	828	798	894	3,767	4,404	-14.5	45,154	49,399	-8.6
Wyoming	4,681	4,605	5,143	21,577	25,348	-14.9	268,859	302,262	-11.1
Appalachian Total	3,584	3,551	3,799	16,513	18,723	-11.8	190,386	201,752	-5.6
Interior Total	2,411	2,356	2,714	11,059	13,375	-17.3	128,071	138,283	-7.4
Western Total	6,560	6,486	7,243	30,303	35,699	-15.1	375,104	417,038	-10.1
East of Mississippi River	5,553	5,499	5,992	25,595	29,533	-13.3	294,532	312,495	-5.7
West of Mississippi River	7,001	6,894	7,764	32,280	38,264	-15.6	399,030	444,577	-10.2
Bituminous and Lignite	12,503	12,346	13,716	57,647	67,599	-14.7	691,179	755,134	-8.5
Anthracite	52	47	40	228	197	15.9	2,382	1,938	22.9
U.S. Total	12,554	12,393	13,756	57,875	67,796	-14.6	693,561	757,072	-8.4
Railroad Cars Loaded	69,261	68,295	75,752	318,447	374,662	-15.0	3,944,541	4,404,790	-10.4

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 5

OUTPUT FOR WEEK ENDED - Feb 01, 2020

Feb 05, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 01, 2020** was **75,819** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **171** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended February 01		52 Weeks Ended February 01	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,266	-13.0	116,272	-4.4
Mid-Atlantic	8,249	-15.4	424,867	-3.2
Central Industrial	12,937	-13.7	655,612	-4.0
West Central	6,355	-11.0	328,670	-2.4
Southeast	19,130	-10.9	1,020,534	-2.0
South Central	13,230	-1.5	768,569	1.3
Rocky Mountain	5,523	3.3	284,550	0.9
Pacific Northwest	3,387	-5.7	157,405	0.8
Pacific Southwest	4,742	1.3	268,009	-2.9
Total United States	75,819	-8.6	4,024,488	-1.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Jan 11	75,825	Jan 12	77,040	-1.6	Jan 11	4,039,228	-1.2
Jan 18	74,738	Jan 19	79,211	-5.6	Jan 18	4,034,756	-1.1
Jan 25	80,176	Jan 26	83,273	-3.7	Jan 25	4,031,659	-1.4
Feb 01	75,819	Feb 02	82,990	-8.6	Feb 01	4,024,487	-1.7
Feb 01	378,205	Feb 02	396,587	-4.6	YEAR TO DATE, FIRST 5 WEEKS		

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

Week Ended	2020	Week Ended	2019	Week Ended	2018
Jan 11	163	Jan 12	177	Jan 13	175
Jan 18	163	Jan 19	184	Jan 20	191
Jan 25	157	Jan 26	200	Jan 27	168
Feb 01	171	Feb 02	182	Feb 03	162

* 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-Feb 2020 GWh Output	2-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018	1-Feb 2020 GWh Output	2-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018	1-Feb 2020 GWh Output	2-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,266	2,606	-13.0%	11,578	12,440	-6.9%	116,272	121,615	-4.4%
Mid-Atlantic	8,249	9,746	-15.4%	41,000	44,647	-8.2%	424,867	438,911	-3.2%
Central Industrial	12,937	14,989	-13.7%	64,137	69,003	-7.1%	655,612	682,651	-4.0%
West Central	6,355	7,137	-11.0%	31,733	32,933	-3.6%	328,670	336,923	-2.4%
Southeast	19,130	21,465	-10.9%	94,220	101,130	-6.8%	1,020,534	1,041,038	-2.0%
South Central	13,230	13,427	-1.5%	66,002	67,320	-2.0%	768,569	758,617	1.3%
Rocky Mountain	5,523	5,344	3.3%	28,113	27,451	2.4%	284,550	282,102	0.9%
Pacific Northwest	3,387	3,594	-5.8%	17,647	17,746	-0.6%	157,405	156,094	0.8%
Pacific Southwest	4,742	4,682	1.3%	23,775	23,917	-0.6%	268,009	276,009	-2.9%
Total United States ^{1/}	75,819	82,990	-8.6%	378,205	396,587	-4.6%	4,024,488	4,093,960	-1.7%
Coal Regions Only ^{2/}	65,424	72,108	-9.3%	325,205	342,484	-5.0%	3,482,802	3,540,242	-1.6%

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*.

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February 3, 2020

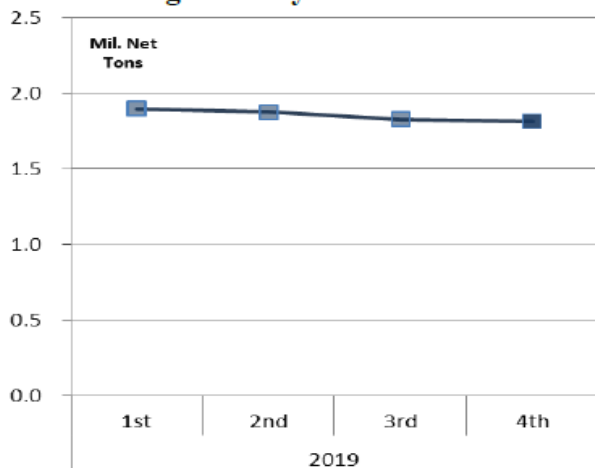
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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 1</u>	<u>Jan 25</u>	
<u>Week Ending</u>				North East	230	233
				Great Lakes	680	681
February 1, 2020	1,914	-0.3	82.1	Midwest	204	211
February 1, 2019	1,878	1.9	80.7	Southern	714	709
January 25, 2020	1,919	-0.5	82.3	Western	86	85
				Total	1,914	1,919
<u>Year-to-Date +</u>						
February 1, 2020	8,769	2.4	82.3			
February 1, 2019	8,561	-	80.4			

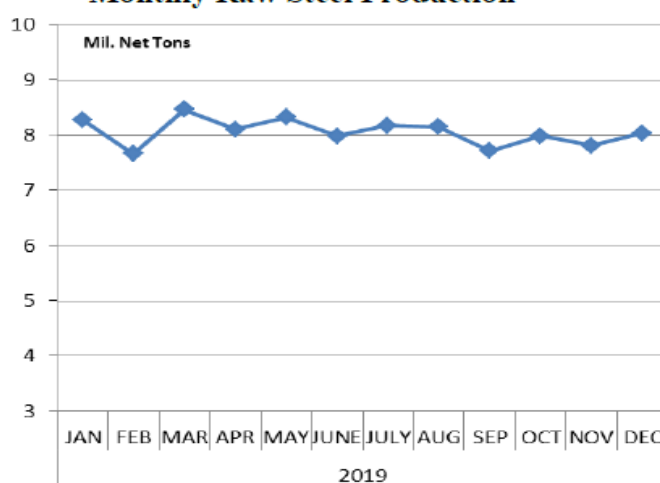
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 5, 2020 – Ended February 1, 2020

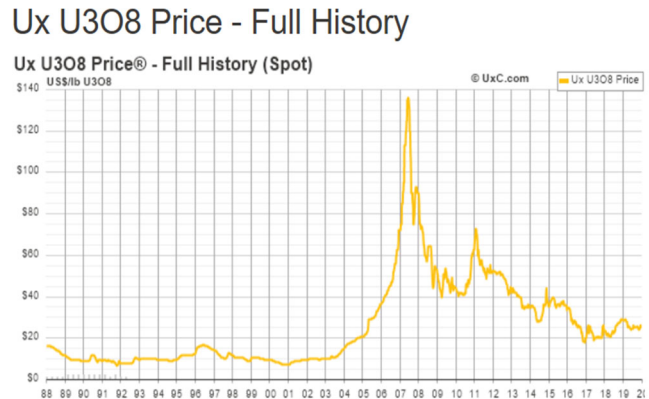
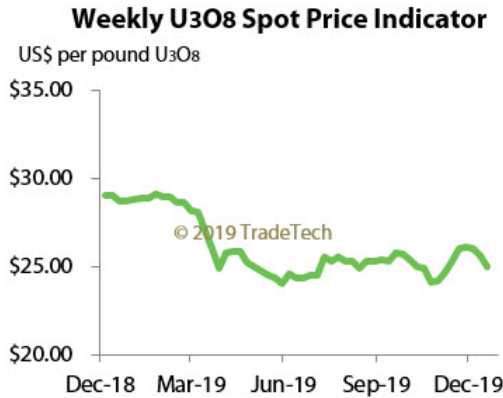
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	241,339	-0.6%	1,165,733	233,147	-5.9%
Chemicals	33,035	1.8%	161,567	32,313	2.1%
Coal	69,261	-8.6%	348,532	69,706	-13.8%
Farm Products excl. Grain, and Food	16,276	10.4%	78,277	15,655	0.9%
Forest Products	10,272	-1.2%	49,070	9,814	-4.0%
Grain	19,158	-10.7%	98,173	19,635	-11.6%
Metallic Ores and Metals	22,591	19.2%	106,916	21,383	1.1%
Motor Vehicles and Parts	16,909	10.3%	67,940	13,588	-6.0%
Nonmetallic Minerals	30,044	1.6%	140,777	28,155	-3.7%
Petroleum and Petroleum Products	13,256	2.0%	67,014	13,403	1.1%
Other	10,537	-4.9%	47,467	9,493	3.6%
Total Intermodal Units	268,822	5.2%	1,245,080	249,016	-5.4%
Total Traffic	510,161	2.4%	2,410,813	482,163	-5.6%

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.

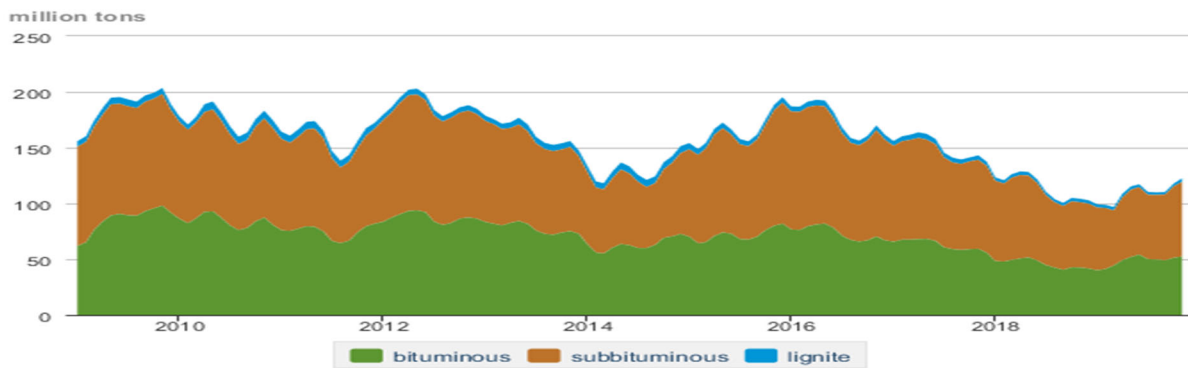
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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

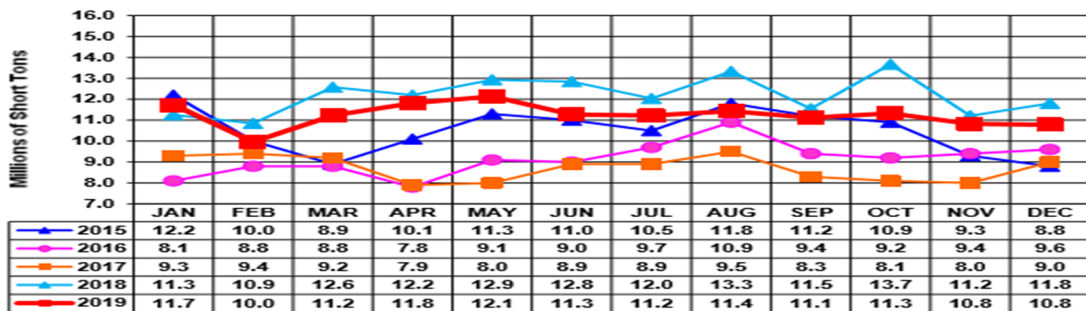


Source: U.S. Energy Information Administration

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.

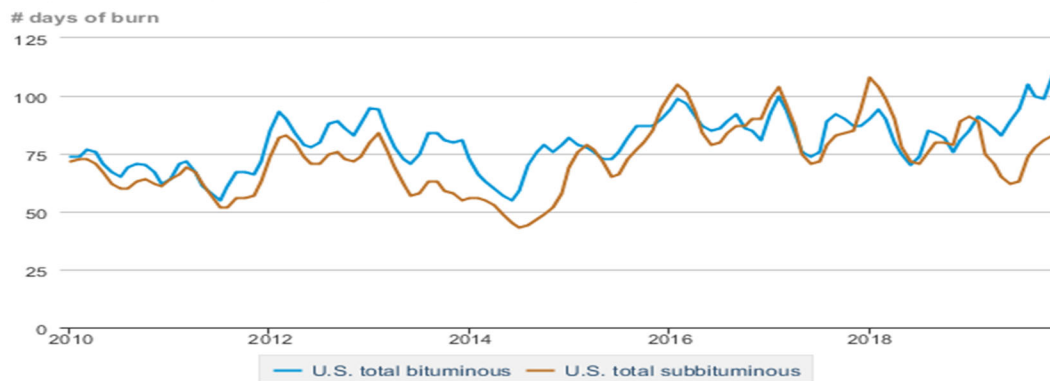
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	01/03/20	01/10/20	01/17/20	01/24/20	01/31/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.65	\$57.40	\$57.40	\$57.40	\$59.15	\$1.75
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$52.30	\$54.00	\$54.00	\$54.00	\$50.40	-\$3.60
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.50	\$34.20	\$34.20	\$34.20	\$33.85	-\$0.35
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.75	\$11.75	\$11.70	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.30	\$31.30	\$31.30	\$31.30	\$31.15	-\$0.15

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 Jan 23)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	300	25	-6	0	0	0
Middle Atlantic	273	10	-13	0	0	0
E N Central	290	-7	-16	0	0	0
W N Central	319	3	-11	0	0	0
South Atlantic	193	10	10	6	-2	2
E S Central	196	8	26	0	-2	0
W S Central	115	-23	4	2	-2	2
Mountain	201	-30	0	0	0	0
Pacific	114	-5	11	0	-1	0
United States	222	-3	-2	1	-1	1

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

Source: National Oceanic and Atmospheric Administration

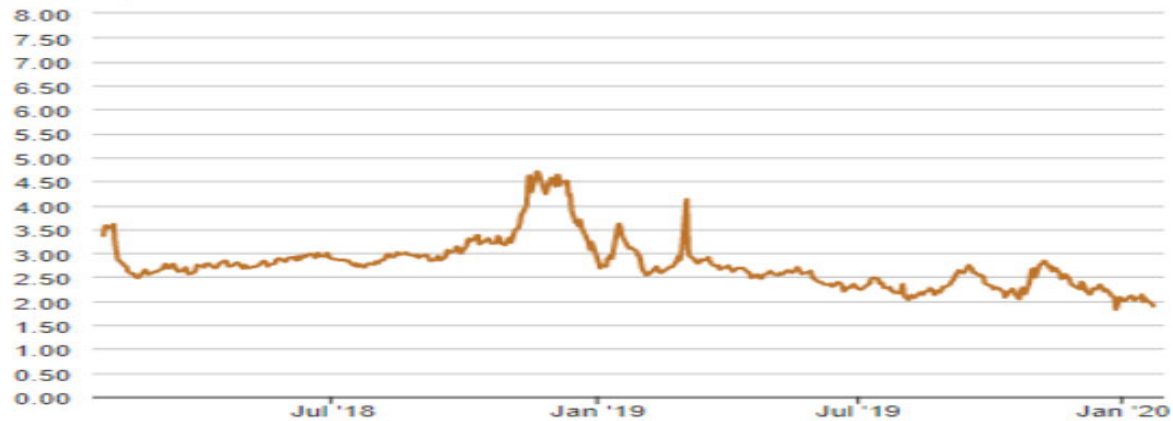
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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



 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	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*

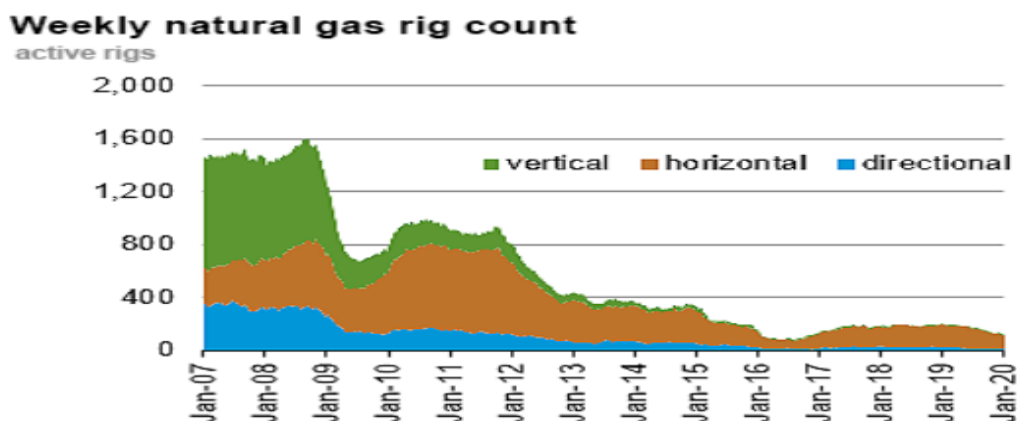
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-01-24	2020-01-17	change
East	638	696	-58
Midwest	761	815	-54
Mountain	143	151	-8
Pacific	210	220	-10
South Central	995	1,065	-70
Total	2,746	2,947	-201

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		
	January 2020	February 2020	change	January 2020	February 2020	change
Anadarko	627	647	20	4,305	4,412	107
Appalachia	164	166	2	18,761	18,752	(9)
Bakken	1,559	1,598	39	2,289	2,337	48
Eagle Ford	1,453	1,475	22	4,916	4,926	10
Haynesville	26	27	1	10,310	10,335	25
Niobrara	1,220	1,225	5	4,233	4,255	22
Permian	808	810	2	1,562	1,567	5
Rig-weighted average	840	848	8	4,093	4,142	49

Source: Energy Information Administration, *Drilling Productivity Report*