

National Mining Association

Weekly Statistical Summary

February 15, 2019 Edition
(Data for Week Ending February 9, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 6
Dated 02/15/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/09/19	02/10/18	% Chng	02/09/19	02/10/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,050	14,887	-12.3%	79,179	81,593	-3.0%
52 Weeks Ended	749,357	763,772	-1.9%			
AAR Coal Rail Cars Loaded:	75,864	85,591	-11.4%	460,374	470,729	-2.2%
Coal Production Month Ended - Jan.						
Coal Production	Jan 19/18		% Chng	Jan - Jan 19/18		% Chng
Month Ended - Jan.	62,479	61,937	0.9%	62,479	61,937	0.9%
DOC Coal Trade (000 Tons)						
Exports:						
	Nov 18/17		% Chng	Jan - Nov 18/17		% Chng
Metallurgical	4,423	5,105	-13.4%	56,599	50,232	12.7%
Steam *	4,393	4,433	-0.9%	49,836	36,950	34.9%
Lignite	7	6	16.7%	78	71	9.9%
Anthracite	55	14	292.9%	250	256	-2.3%
Total	8,878	9,558	-7.1%	106,763	87,509	22.0%
Imports:						
	400	368	8.7%	5,056	7,369	-31.4%
EI Electric Total Output (Mil. Kwh)						
	Week Ended			Cumulative Week 1 to		
	02/09/19	02/10/18	% Chng	02/09/19	02/10/18	% Chng
EI Electric Total Output (Mil. Kwh)	76,185	79,445	-4.1%	472,772	495,795	-4.6%
EI Coal Region Output (Mil. Kwh)	64,891	68,890	-5.8%	407,375	430,044	-5.3%
AISI Raw Steel Output (000 Tons)						
	1,897	1,817	4.4%	10,851	9,931	9.3%

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)	
	02/08/19	02/01/19	% Chng	Wed.	02/06/19
Central App, 12,500 Btu, 1.2 SO ₂	\$79.50	\$79.50	0.0%	Henry Hub	2.56
Northern App, 13,000 Btu, < 3.0 SO ₂	67.70	67.70	0.0%	New York	2.47
Illinois Basin, 11,800, 5.0 SO ₂	38.95	38.95	0.0%	Chicago	2.58
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.10	13.10	0.0%	Cal.Comp.Avg.	10.92
Uinta Basin, 11,700 Btu, 0.8 SO ₂	40.10	40.10	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



EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	2/9/2019 (week 6)	2/2/2019 (week 5)	2/10/2018 (week 6)	2/9/2019	2/9/2018	% Change	2/9/2019	2/10/2018	% Change
Alabama	279	282	309	1,706	1,696	0.6	14,654	12,991	12.8
Alaska	15	15	19	91	102	-11.2	871	940	-7.3
Arizona	124	122	121	755	664	13.7	6,804	6,103	11.5
Arkansas	30	.
Colorado	239	235	260	1,456	1,424	2.2	13,937	14,693	-5.1
Illinois	867	881	1,001	5,295	5,489	-3.5	48,671	47,867	1.7
Indiana	623	629	672	3,820	3,684	3.7	34,110	31,229	9.2
Kentucky Total	685	692	812	4,170	4,448	-6.2	39,065	40,877	-4.4
Eastern (KY)	308	310	355	1,870	1,944	-3.8	17,361	17,944	-3.2
Western (KY)	377	382	457	2,300	2,504	-8.1	21,705	22,933	-5.4
Louisiana	21	18	18	123	101	22.6	1,489	1,724	-13.6
Maryland	20	21	30	121	165	-26.8	1,217	1,750	-30.5
Mississippi	50	50	51	311	278	11.8	2,831	2,534	11.7
Missouri	5	5	5	28	28	1.6	258	244	5.7
Montana	690	689	719	4,182	3,939	6.2	38,470	35,797	7.5
New Mexico	119	113	161	704	880	-20.0	8,670	12,966	-33.1
North Dakota	537	535	598	3,253	3,276	-0.7	29,964	28,678	4.5
Ohio	151	156	194	904	1,065	-15.2	8,654	9,498	-8.9
Oklahoma	15	14	10	91	57	59.4	813	562	44.7
Pennsylvania Total	880	876	950	5,381	5,205	3.4	49,210	48,432	1.6
Anthracite (PA)	32	33	34	194	186	4.1	1,843	1,857	-0.8
Bituminous (PA)	848	843	916	5,187	5,019	3.3	47,368	46,575	1.7
Tennessee	3	3	5	19	25	-23.7	195	384	-49.2
Texas	408	390	481	2,420	2,637	-8.2	26,520	34,886	-24.0
Utah	254	256	288	1,522	1,580	-3.7	13,950	14,257	-2.2
Virginia	219	222	266	1,331	1,458	-8.7	12,639	13,406	-5.7
West Virginia Total	1,757	1,791	1,857	10,726	10,179	5.4	97,118	91,941	5.6
Northern (WV)	812	806	880	4,926	4,823	2.1	45,705	45,624	0.2
Southern (WV)	945	985	977	5,800	5,356	8.3	51,413	46,316	11.0
Wyoming	5,091	5,040	6,060	30,771	33,215	-7.4	299,247	311,984	-4.1
Appalachian Total	3,617	3,660	3,966	22,057	21,736	1.5	201,047	196,345	2.4
Interior Total	2,365	2,369	2,696	14,389	14,776	-2.6	136,397	142,009	-4.0
Western Total	7,069	7,006	8,225	42,733	45,080	-5.2	411,914	425,418	-3.2
East of Mississippi River	5,534	5,602	6,147	33,784	33,690	0.3	308,364	300,907	2.5
West of Mississippi River	7,516	7,433	8,740	45,395	47,902	-5.2	440,994	462,865	-4.7
Bituminous and Lignite	13,018	13,002	14,853	78,986	81,407	-3.0	747,514	761,915	-1.9
Anthracite	32	33	34	194	186	4.1	1,843	1,857	-0.8
U.S. Total	13,050	13,035	14,887	79,179	81,593	-3.0	749,357	763,772	-1.9
Railroad Cars Loaded	75,864	75,752	85,591	460,374	470,729	-2.2	4,395,062	4,392,118	0.1

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 6

OUTPUT FOR WEEK ENDED - Feb 09, 2019

Feb 13, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 09, 2019** was **76,185** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **165** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 09		52 Weeks Ended February 09	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,299	-7.1	121,438	0.0
Mid-Atlantic	8,218	-8.2	438,180	2.1
Central Industrial	13,261	-8.7	681,385	2.7
West Central	6,697	-2.4	336,760	2.6
Southeast	17,967	-11.5	1,038,714	0.9
South Central	13,338	-0.1	758,605	3.2
Rocky Mountain	5,410	10.2	282,602	2.1
Pacific Northwest	4,088	24.7	156,904	0.3
Pacific Southwest	4,907	2.2	276,115	-2.1
Total United States	76,185	-4.1	4,090,700	1.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jan 19	79,211	Jan 20	87,813	-9.8	Jan 19	4,081,520	1.6
Jan 26	83,273	Jan 27	75,934	9.7	Jan 26	4,088,859	1.8
Feb 02	82,990	Feb 03	77,889	6.5	Feb 02	4,093,960	1.9
Feb 09	76,185	Feb 10	79,445	-4.1	Feb 09	4,090,700	1.7
Feb 09	472,772	Feb 10	495,795	-4.6	YEAR TO DATE, FIRST 6 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jan 19	184	Jan 20	191	Jan 21	161
Jan 26	200	Jan 27	168	Jan 28	167
Feb 02	182	Feb 03	162	Feb 04	160
Feb 09	165	Feb 10	165	Feb 11	155

* 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		
	9-Feb 2019 GWh Output	10-Feb 2018 GWh Output	% Increase Over Corresponding Week of 2018	9-Feb 2019 GWh Output	10-Feb 2018 GWh Output	% Increase Over Corresponding Week of 2018	9-Feb 2019 GWh Output	10-Feb 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,299	2,475	-7.1%	14,739	15,512	-5.0%	121,438	121,472	0.0%
Mid-Atlantic	8,218	8,949	-8.2%	52,865	55,086	-4.0%	438,180	429,265	2.1%
Central Industrial	13,261	14,528	-8.7%	82,264	85,460	-3.7%	681,385	663,461	2.7%
West Central	6,697	6,861	-2.4%	39,630	40,763	-2.8%	336,760	328,128	2.6%
Southeast	17,967	20,291	-11.5%	119,097	132,283	-10.0%	1,038,714	1,029,613	0.9%
South Central	13,338	13,351	-0.1%	80,658	84,996	-5.1%	758,605	735,400	3.2%
Rocky Mountain	5,410	4,910	10.2%	32,861	31,456	4.5%	282,602	276,794	2.1%
Pacific Northwest	4,088	3,279	24.7%	21,834	20,877	4.6%	156,904	156,504	0.3%
Pacific Southwest	4,907	4,801	2.2%	28,824	29,362	-1.8%	276,115	282,003	-2.1%
Total United States ^{1/}	76,185	79,445	-4.1%	472,772	495,795	-4.6%	4,090,703	4,022,640	1.7%
Coal Regions Only ^{2/}	64,891	68,890	-5.8%	407,375	430,044	-5.3%	3,536,246	3,462,661	2.1%

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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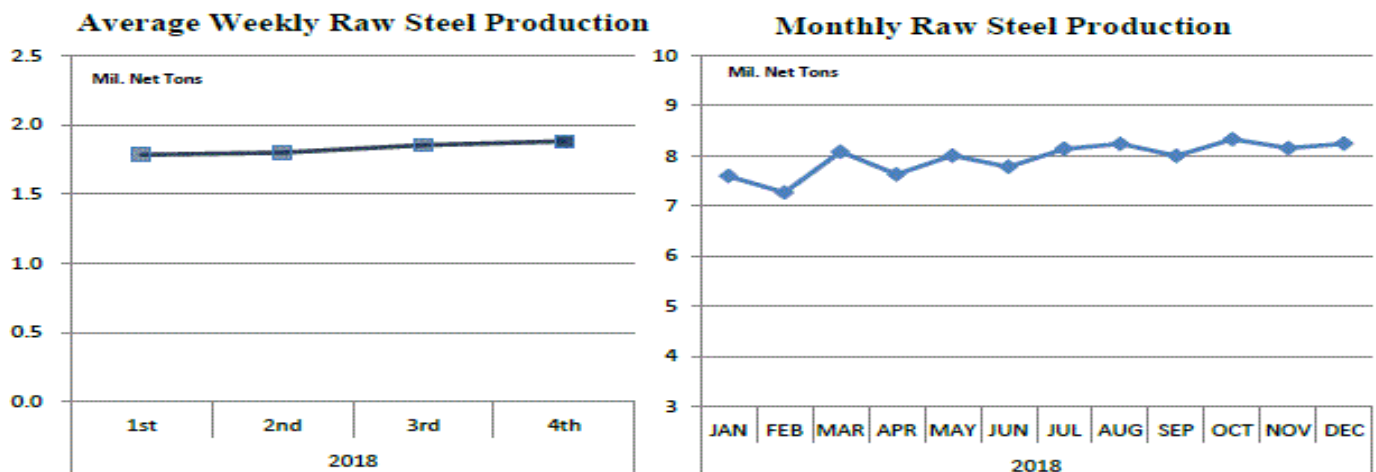
February 11, 2019

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 9</u>	<u>Feb. 2</u>	
<u>Week Ending</u>				North East	229	225
				Great Lakes	682	667
February 9, 2019	1,897	0.4	81.5	Midwest	198	209
February 9, 2018	1,817	4.4	77.9	Southern	713	714
February 2, 2019	1,889	-1.7	81.2	Western	<u>75</u>	<u>74</u>
				Total	1,897	1,889
<u>Year-to-Date +</u>						
February 9, 2019	10,851	9.3	80.6			
February 9, 2018	9,931	-	75.7			

*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 fourth quarter 2018 is approximately 30.8 million net tons vs. 30.6 million net tons for the same period last year, and 30.8 million tons for the third quarter of 2018.



*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 6, 2019 – Ended February 9, 2019

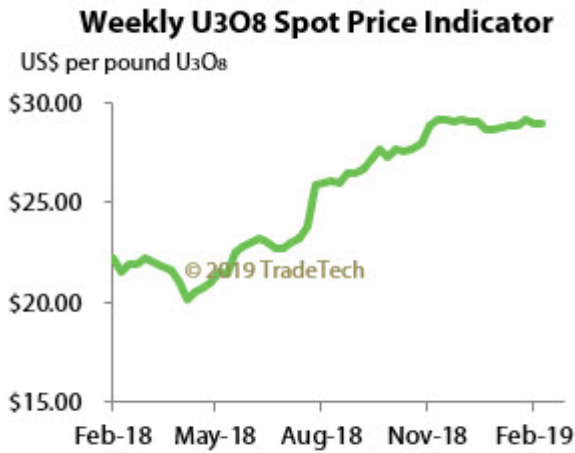
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	242,266	-3.3%	1,480,753	246,792	0.9%
Chemicals	31,785	0.0%	190,048	31,675	2.1%
Coal	75,864	-10.7%	480,028	80,005	-2.0%
Farm Products excl. Grain, and Food	15,063	-7.6%	92,619	15,437	-0.9%
Forest Products	9,774	-1.9%	60,885	10,148	1.8%
Grain	20,720	8.9%	131,765	21,961	0.4%
Metallic Ores and Metals	19,697	-4.0%	125,415	20,903	3.0%
Motor Vehicles and Parts	17,069	2.2%	89,323	14,887	-1.8%
Nonmetallic Minerals	31,067	-1.6%	177,341	29,557	0.9%
Petroleum and Petroleum Products	12,740	23.4%	79,038	13,173	23.8%
Other	8,487	-10.2%	54,291	9,049	-1.5%
Total Intermodal Units	277,513	3.4%	1,593,681	265,614	1.0%
Total Traffic	519,779	0.1%	3,074,434	512,406	0.9%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

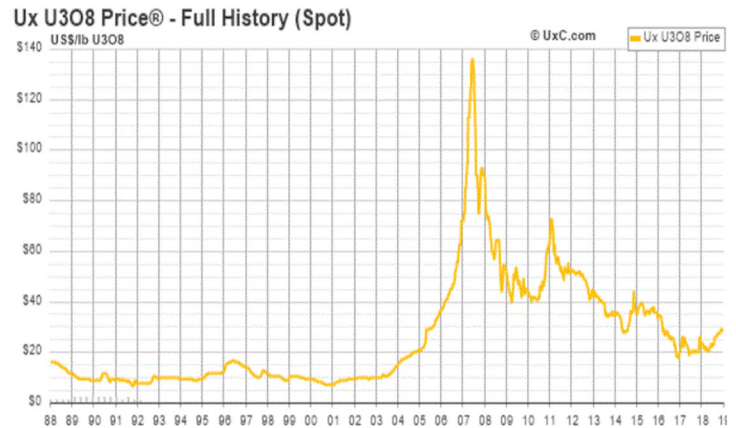
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

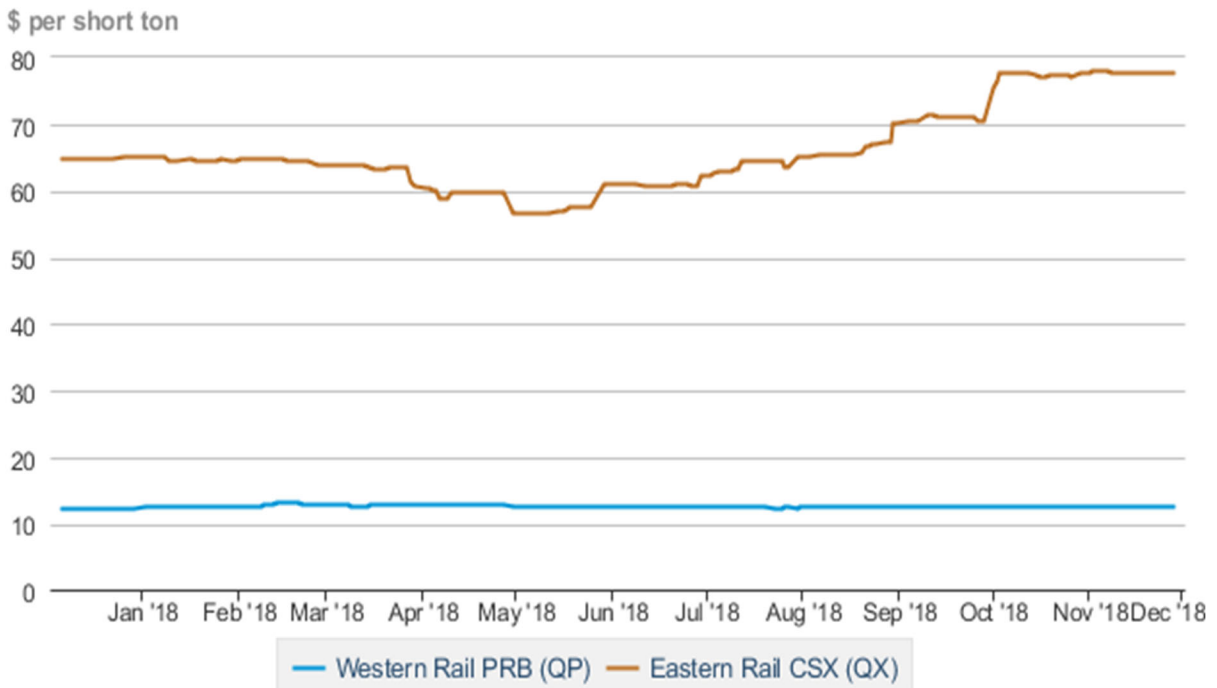


Ux U3O8 Price - Full History



Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

NYMEX coal futures near-month contract final settlement price



 Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

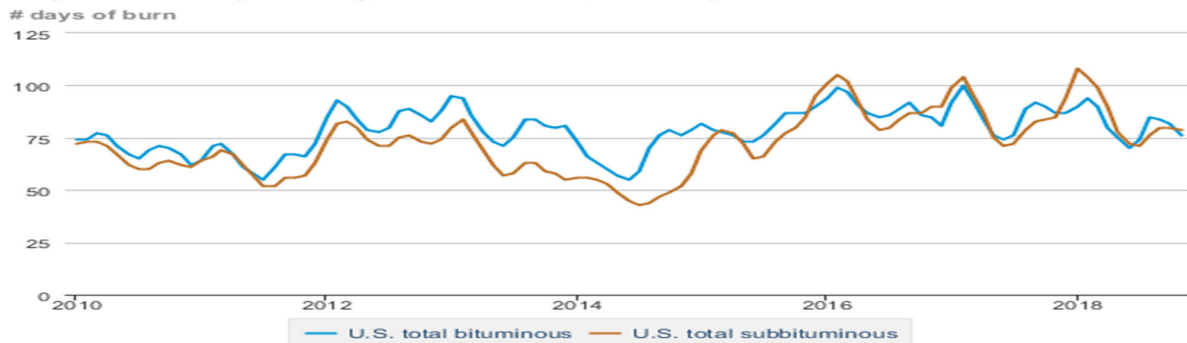
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	01/11/19	01/18/19	01/25/19	02/01/19	02/08/19	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$83.90	\$79.50	\$79.50	\$79.50	\$79.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$65.70	\$67.70	\$67.70	\$67.70	\$67.70	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$38.95	\$38.95	\$38.95	\$38.95	\$38.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.90	\$13.10	\$13.10	\$13.10	\$13.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$40.25	\$40.10	\$40.10	\$40.10	\$40.10	\$0.00

Source: With permission, [SNL Energy](#)

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

Days of burn by non-lignite coal rank, January 2009 - November 2018



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 31)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	282	8	36	0	0	0
Middle Atlantic	296	34	62	0	0	0
E N Central	402	109	175	0	0	0
W N Central	395	88	149	0	0	0
South Atlantic	208	30	54	0	-8	-6
E S Central	215	32	65	0	-1	0
W S Central	142	10	44	0	-4	0
Mountain	211	-13	33	0	-1	-1
Pacific	77	-37	-9	0	-1	0
United States	257	37	78	0	-2	-1

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

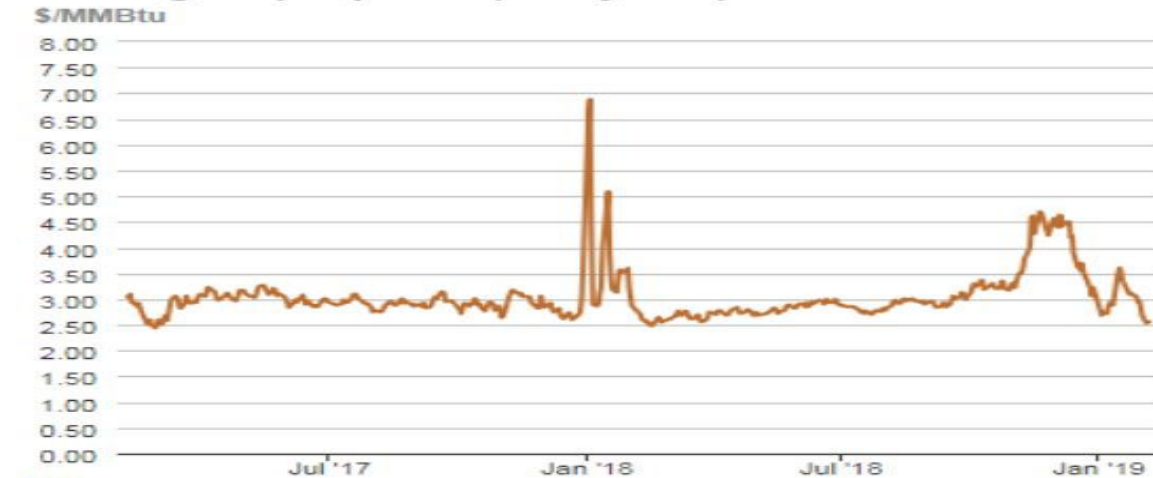
Source: National Oceanic and Atmospheric Administration

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

USGS Production of Selected Mineral Commodities	2018 Year to Date - 3rd Quarter	2017 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	624.0	628.0	-1%
Cement (Mil. Mt.)	64.7	63.2	2%
Copper (000 Mt.)	912.0	955.0	-5%
Gold (Mt.)	156.0	178.0	-12%
Gypsum (Mil. Mt.)	12.8	12.4	3%
Iron Ore (Mil. Mt.)	36.4	34.5	6%
Lead (000 Mt.)	W	228.0	N/A
Molybdenum (000 Mt.)	30.9	29.8	4%
Phosphate rock (Mil. Mt.)	20.1	20.8	-3%
Sand & gravel, construction (Mil. Mt.)	720.0	672.0	7%
Silver (Mt.)	675.0	779.0	-13%
Soda ash (Mil. Mt.)	8.8	8.8	0%
Stone, crushed (Mil. Mt.)	1,050.0	1,010.0	4%
Zinc (000 Mt.)	600.0	540.0	11%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2018 data are preliminary estimates. W - withheld, N/A - not available

Natural gas spot prices (Henry Hub)



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 2018		November 2017		% Change of Stocks	October 2018		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,288	104	4,307	79	-23.7%	3,258	94	0.9%
	Subbituminous	146	102	163	92	-10.5%	163	113	-10.5%
South	Bituminous	19,229	77	28,233	91	-31.9%	18,869	82	1.9%
	Subbituminous	4,613	53	5,569	64	-17.2%	4,605	56	0.2%
Midwest	Bituminous	8,859	66	13,635	81	-35.0%	9,249	74	-4.2%
	Subbituminous	28,005	95	38,043	87	-26.4%	27,720	91	1.0%
West	Bituminous	3,923	82	5,133	90	-23.6%	4,205	91	-6.7%
	Subbituminous	19,265	68	26,830	90	-28.2%	20,242	76	-4.8%
U.S. Total	Bituminous	35,298	76	51,308	87	-31.2%	35,582	82	-0.8%
	Subbituminous	52,029	79	70,605	85	-26.3%	52,729	80	-1.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

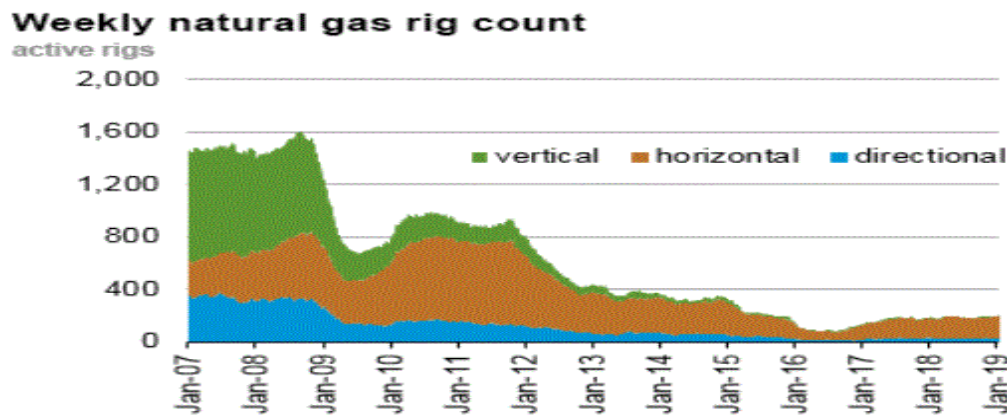
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2019-02-01	2019-01-25	change
East	468	527	-59
Midwest	522	606	-84
Mountain	105	114	-9
Pacific	172	178	-6
South Central	692	771	-79
Total	1,960	2,197	-237

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 2019	February 2019	change	January 2019	February 2019	change
Anadarko	386	386	-	2,823	2,823	-
Appalachia	147	147	-	15,000	15,300	300
Bakken	1,460	1,447	(13)	1,897	1,897	-
Eagle Ford	1,348	1,336	(12)	5,498	5,535	37
Haynesville	26	27	1	9,054	9,194	140
Niobrara	1,179	1,180	1	4,313	4,300	(13)
Permian	555	555	-	1,187	1,187	-
Rig-weighted average	628	632	4	3,576	3,629	53

Source: Energy Information Administration, *Drilling Productivity Report*