

National Mining Association

Weekly Statistical Summary

February 16, 2018 Edition
(Data for Week Ending February 10, 2018)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 56, No. 6
Dated 02/16/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/10/18	02/11/17	% Chng	02/10/18	02/10/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,153	16,222	-6.6%	85,091	92,206	-7.7%
52 Weeks Ended	763,078	750,190	1.7%			
AAR Coal Rail Cars Loaded:	85,591	89,318	-4.2%	481,856	507,678	-5.1%
Coal Production	Jan 17/16		% Chng	Jan - Jan 17/16		% Chng
Month Ended - January	63,113	68,378	-7.7%	63,113	68,378	-7.7%
DOC Coal Trade (000 Tons)						
Exports:	Dec 17/16		% Chng	Jan - Dec 17/16		% Chng
Metallurgical	5,022	4,639	8.3%	55,255	40,930	35.0%
Steam *	4,433	3,282	35.1%	41,383	18,918	118.7%
Lignite	7	7	0.0%	78	71	9.9%
Anthracite	37	4	825.0%	293	401	-26.9%
Total	9,499	7,932	19.8%	97,009	60,320	60.8%
Imports:	408	652	-37.4%	7,777	9,850	-21.0%
	Week Ended			Cumulative Week 1 to		
	02/10/18	02/11/17	% Chng	02/10/18	02/11/17	% Chng
EI Electric Total Output (Mil. Kwh)	79,445	74,849	6.1%	495,795	463,098	7.1%
EI Coal Region Output (Mil. Kwh)	68,890	63,545	8.4%	430,044	393,584	9.3%
AISI Raw Steel Output (000 Tons)	1,737	1,770	-1.9%	10,006	10,217	-2.1%

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)	
	02/09/18	02/02/18	% Chng	Wed.	02/07/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.10	\$60.10	0.0%	Henry Hub	2.73
Northern App, 13,000 Btu, < 3.0 SO ₂	45.05	45.05	0.0%	New York	4.81
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	2.67
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.27
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.60	41.60	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.

Sources: Energy Information Administration; 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		
	2/10/2018 (week 6)	2/3/2018 (week 5)	2/11/2017 (week 6)	2/10/2018	2/10/2017	% Change	2/10/2018	2/11/2017	% Change
Alabama	282	311	269	1,616	1,532	5.5	12,634	10,185	24.0
Alaska	16	18	21	93	121	-23.6	844	927	-9.0
Arizona	118	127	137	664	780	-14.9	5,760	5,662	1.7
Arkansas	1	1	1	5	5	3.0	36	50	-28.0
Colorado	349	359	312	1,973	1,771	11.4	15,722	13,395	17.4
Illinois	975	1,054	1,044	5,539	5,935	-6.7	47,392	44,944	5.4
Indiana	616	658	690	3,479	3,924	-11.3	30,637	29,758	3.0
Kansas	16	.
Kentucky Total	847	889	942	4,779	5,355	-10.8	42,208	43,570	-3.1
Eastern (KY)	383	398	384	2,179	2,182	-0.1	18,326	17,081	7.3
Western (KY)	464	491	558	2,600	3,173	-18.1	23,882	26,489	-9.8
Louisiana	50	56	79	277	447	-38.1	2,161	2,980	-27.5
Maryland	35	35	31	199	178	11.9	1,793	1,630	10.0
Mississippi	54	56	61	306	346	-11.7	2,720	2,902	-6.3
Missouri	5	5	5	26	28	-7.6	250	245	2.0
Montana	617	628	596	3,438	3,389	1.4	33,825	32,694	3.5
New Mexico	281	295	308	1,580	1,752	-9.8	13,425	13,336	0.7
North Dakota	528	548	596	2,954	3,385	-12.7	27,614	28,567	-3.3
Ohio	146	151	187	819	1,062	-22.8	8,580	12,013	-28.6
Oklahoma	9	9	10	52	57	-8.2	534	642	-16.8
Pennsylvania Total	992	1,036	1,037	5,581	5,894	-5.3	49,141	47,583	3.3
Anthracite (PA)	38	40	43	215	244	-12.1	1,777	1,728	2.8
Bituminous (PA)	954	996	994	5,367	5,650	-5.0	47,364	45,855	3.3
Tennessee	9	9	13	49	71	-31.0	452	631	-28.4
Texas	617	640	719	3,441	4,089	-15.8	34,331	39,033	-12.0
Utah	255	267	290	1,432	1,649	-13.2	13,212	14,250	-7.3
Virginia	270	286	306	1,524	1,739	-12.4	13,602	13,788	-1.3
West Virginia Total	1,854	2,008	1,950	10,510	11,084	-5.2	89,649	83,112	7.9
Northern (WV)	919	979	1,043	5,175	5,928	-12.7	45,148	45,279	-0.3
Southern (WV)	935	1,029	907	5,335	5,156	3.5	44,501	37,834	17.6
Wyoming	6,228	6,423	6,617	34,756	37,613	-7.6	316,558	308,279	2.7
Appalachian Total	3,970	4,235	4,177	22,477	23,741	-5.3	194,176	186,023	4.4
Interior Total	2,790	2,971	3,168	15,724	18,004	-12.7	141,942	147,058	-3.5
Western Total	8,392	8,666	8,878	46,889	50,460	-7.1	426,960	417,109	2.4
East of Mississippi River	6,079	6,495	6,531	34,401	37,120	-7.3	298,807	290,116	3.0
West of Mississippi River	9,074	9,378	9,691	50,689	55,085	-8.0	464,271	460,075	0.9
Bituminous and Lignite	15,115	15,832	16,179	84,876	91,962	-7.7	761,301	748,462	1.7
Anthracite	38	40	43	215	244	-12.1	1,777	1,728	2.8
U.S. Total	15,153	15,872	16,222	85,091	92,206	-7.7	763,078	750,190	1.7
Railroad Cars Loaded	85,591	89,644	89,318	481,856	507,678	-5.1	4,392,118	4,240,877	3.6

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 6

OUTPUT FOR WEEK ENDED - Feb 10, 2018

Feb 14, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Feb 10, 2018 was 79,445 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 10		52 Weeks Ended February 10	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,475	-0.3	121,472	-1.7
Mid-Atlantic	8,949	6.8	429,265	-1.2
Central Industrial	14,528	6.9	663,461	-1.5
West Central	6,861	10.3	328,128	-0.6
Southeast	20,291	10.2	1,029,613	0.7
South Central	13,351	12.4	735,400	2.8
Rocky Mountain	4,910	-3.0	276,794	0.4
Pacific Northwest	3,279	-11.6	156,504	0.9
Pacific Southwest	4,801	-6.1	282,003	-0.7
Total United States	79,445	6.1	4,022,640	0.2

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Jan 20	87,813	Jan 21	73,665	19.2	Jan 20	4,016,370	-0.1
Jan 27	75,934	Jan 28	75,253	0.9	Jan 27	4,017,051	0.0
Feb 03	77,889	Feb 04	76,896	1.3	Feb 03	4,018,044	0.0
Feb 10	79,445	Feb 11	74,849	6.1	Feb 10	4,022,640	0.2
Feb 10	495,795	Feb 11	463,098	7.1	YEAR TO DATE, FIRST 6 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
Jan 20	191	Jan 21	161	Jan 23	193
Jan 27	168	Jan 28	167	Jan 30	176
Feb 03	162	Feb 04	160	Feb 06	167
Feb 10	165	Feb 11	155	Feb 13	183

* 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		
	10-Feb 2018 GWh Output	11-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	10-Feb 2018 GWh Output	11-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	10-Feb 2018 GWh Output	11-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,475	2,482	-0.3%	15,512	14,624	6.1%	121,472	123,586	-1.7%
Mid-Atlantic	8,949	8,383	6.8%	55,086	50,793	8.5%	429,265	434,566	-1.2%
Central Industrial	14,528	13,593	6.9%	85,460	80,273	6.5%	663,461	673,806	-1.5%
West Central	6,861	6,220	10.3%	40,763	38,586	5.6%	328,128	329,986	-0.6%
Southeast	20,291	18,414	10.2%	132,283	115,715	14.3%	1,029,613	1,022,537	0.7%
South Central	13,351	11,873	12.4%	84,996	75,239	13.0%	735,400	715,407	2.8%
Rocky Mountain	4,910	5,062	-3.0%	31,456	32,978	-4.6%	276,794	275,800	0.4%
Pacific Northwest	3,279	3,710	-11.6%	20,877	23,911	-12.7%	156,504	155,150	0.9%
Pacific Southwest	4,801	5,112	-6.1%	29,362	30,979	-5.2%	282,003	284,082	-0.7%
Total United States ^{1/}	<u>79,445</u>	<u>74,849</u>	6.1%	<u>495,795</u>	<u>463,098</u>	7.1%	4,022,640	4,014,920	0.2%
Coal Regions Only ^{2/}	68,890	63,545	8.4%	430,044	393,584	9.3%	3,462,661	3,452,102	0.3%

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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February 12, 2018

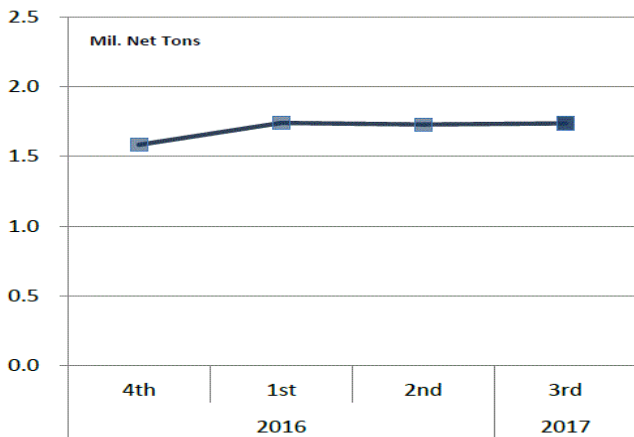
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 10</u>	<u>Week Ending Feb 3</u>	
<u>Week Ending</u>				North East	219	211
				Great Lakes	637	653
February 10, 2018	1,737	-0.6	74.5	Midwest	167	162
February 10, 2017	1,770	-1.9	75.9	Southern	641	646
February 3, 2018	1,747	1.6	75.0	Western	<u>73</u>	<u>75</u>
				Total	1,737	1,747
<u>Year-to-Date +</u>						
February 10, 2018	10,006	-2.1	73.3			
February 10, 2017	10,217	-	75.2			

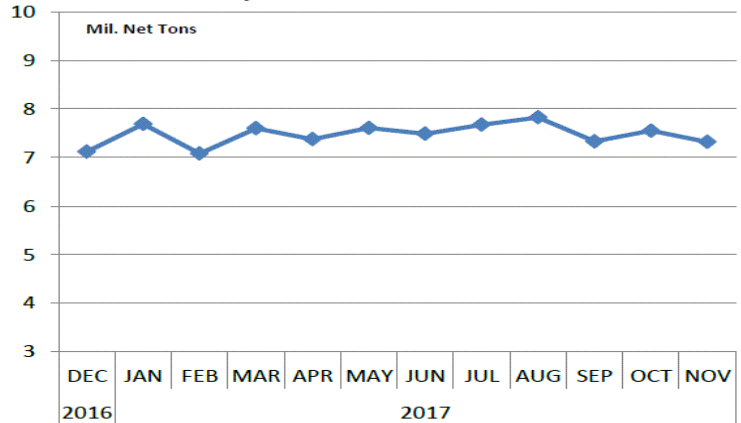
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2018 is approximately 30.0 million net tons vs. 30.0 million net tons for the same period last year, and 30.6 million tons for the fourth quarter of 2017.

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 6, 2018 – Ended February 10, 2018

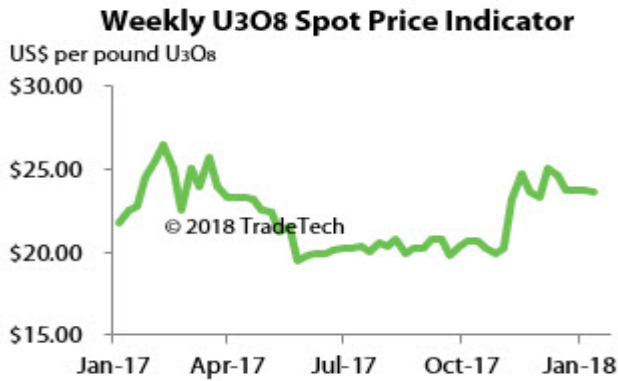
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	251,058	-0.5%	1,468,463	244,744	-2.9%
Chemicals	31,782	4.0%	186,164	31,027	1.1%
Coal	85,591	-4.2%	490,478	81,746	-5.5%
Farm Products excl. Grain, and Food	16,297	3.5%	93,474	15,579	-2.7%
Forest Products	9,943	3.4%	59,793	9,966	2.9%
Grain	19,035	-7.0%	131,118	21,853	-6.0%
Metallic Ores and Metals	20,396	5.2%	121,767	20,295	-1.0%
Motor Vehicles and Parts	16,693	-10.6%	91,002	15,167	-10.2%
Nonmetallic Minerals	31,551	6.9%	175,692	29,282	1.4%
Petroleum and Petroleum Products	10,318	5.7%	63,826	10,638	6.2%
Other	9,452	2.5%	55,149	9,192	-3.9%
Total Intermodal Units	268,487	3.7%	1,578,628	263,105	3.5%
Total Traffic	519,545	1.6%	3,047,091	507,849	0.3%

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.

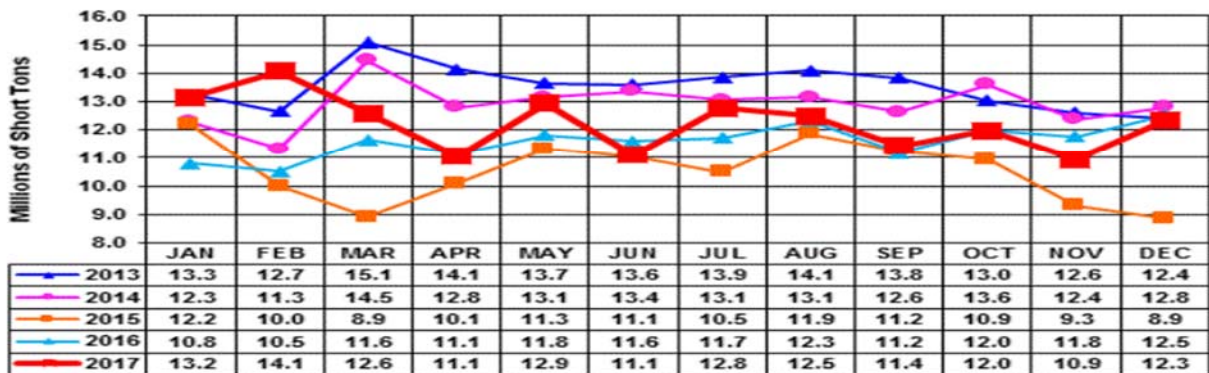
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

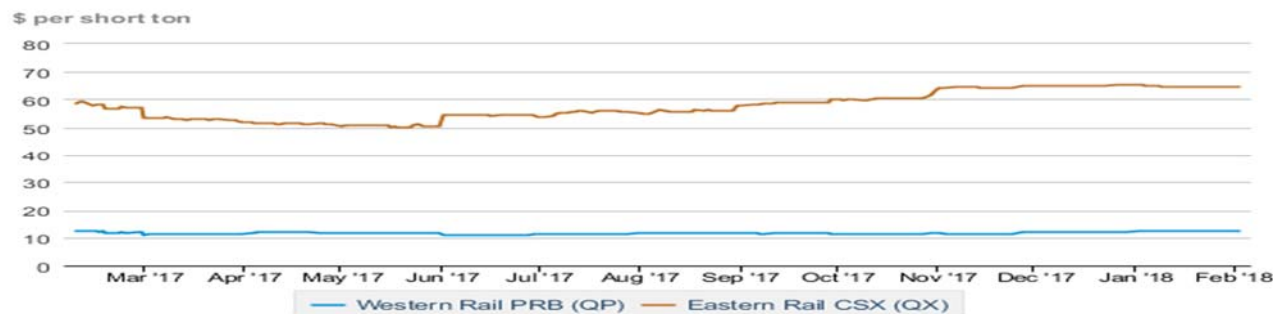
Coal and Coke Monthly Indicator for Internal U.S. Waterways



Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center

NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



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

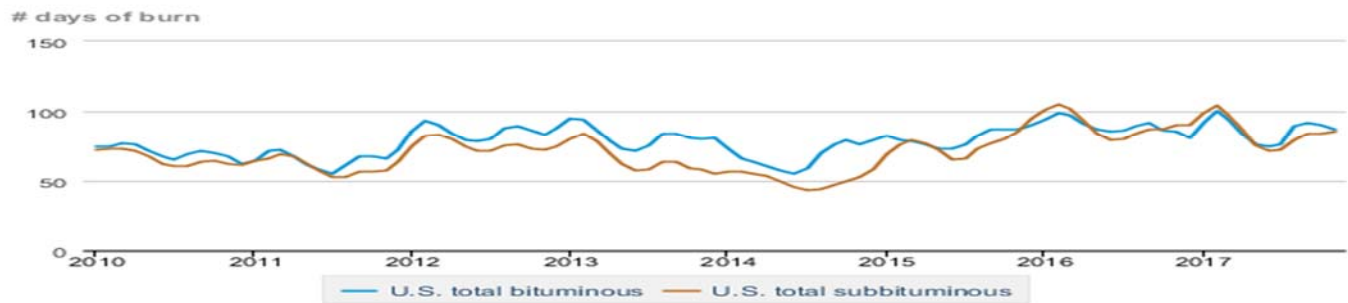
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	01/12/18	01/19/18	01/26/18	02/02/18	02/09/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$58.50	\$58.50	\$60.10	\$60.10	\$60.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.15	\$45.15	\$45.05	\$45.05	\$45.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.60	\$32.60	\$32.60	\$32.60	\$32.60	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.25	\$12.25	\$12.25	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.60	\$41.60	\$41.60	\$41.60	\$41.60	\$0.00

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

Days of burn by non-lignite coal rank, January 2009 - November 2017



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 01)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	237	-36	14	0	0	0
Middle Atlantic	228	-34	14	0	0	0
E N Central	228	-64	-20	0	0	0
W N Central	263	-43	23	0	0	0
South Atlantic	152	-26	4	6	-2	4
E S Central	144	-37	-9	0	-1	0
W S Central	91	-40	-10	0	-4	-1
Mountain	176	-47	-53	1	0	1
Pacific	74	-38	-36	0	-1	0
United States	176	-44	-11	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	2017 Year to Date - 3rd Quarter	2016 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	730.0	723.0	1%
Cement (Mil. Mt.)	63.2	62.2	2%
Copper (000 Mt.)	956.0	1,080.0	-11%
Gold (Mt.)	185.0	163.0	13%
Gypsum (Mil. Mt.)	12.4	12.4	0%
Iron Ore (Mil. Mt.)	34.5	29.3	18%
Lead (000 Mt.)	227.0	260.0	-13%
Molybdenum (000 Mt.)	29.8	25.7	16%
Phosphate rock (Mil. Mt.)	20.7	20.6	0%
Sand & gravel, construction (Mil. Mt.)	673.0	680.0	-1%
Silver (Mt.)	771.0	856.0	-10%
Soda ash (Mil. Mt.)	8.8	8.8	0%
Stone, crushed (Mil. Mt.)	1,010.0	1,030.0	-2%
Zinc (000 Mt.)	534.0	596.0	-10%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2017 data are preliminary estimates.

Natural gas spot prices (Henry Hub)



eia Source: Natural Gas Intelligence

Source: Energy Information Administration, *Natural Gas Weekly*. Data latest available.

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 2017		November 2016		% Change of Stocks	October 2017		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	4,307	79	5,971	77	-27.9%	4,714	90	-8.6%
	Subbituminous	163	92	153	63	6.6%	146	99	11.3%
South	Bituminous	28,233	91	30,712	82	-8.1%	27,570	92	2.4%
	Subbituminous	5,566	64	6,491	75	-14.2%	5,359	64	3.9%
Midwest	Bituminous	13,635	81	17,151	90	-20.5%	13,270	83	2.8%
	Subbituminous	37,940	87	45,247	85	-16.1%	37,476	84	1.2%
West	Bituminous	5,133	90	6,099	93	-15.8%	5,312	91	-3.4%
	Subbituminous	26,830	90	34,098	102	-21.3%	26,295	89	2.0%
U.S. Total	Bituminous	51,308	87	59,933	85	-14.4%	50,867	90	0.9%
	Subbituminous	70,500	85	85,988	90	-18.0%	69,276	84	1.8%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

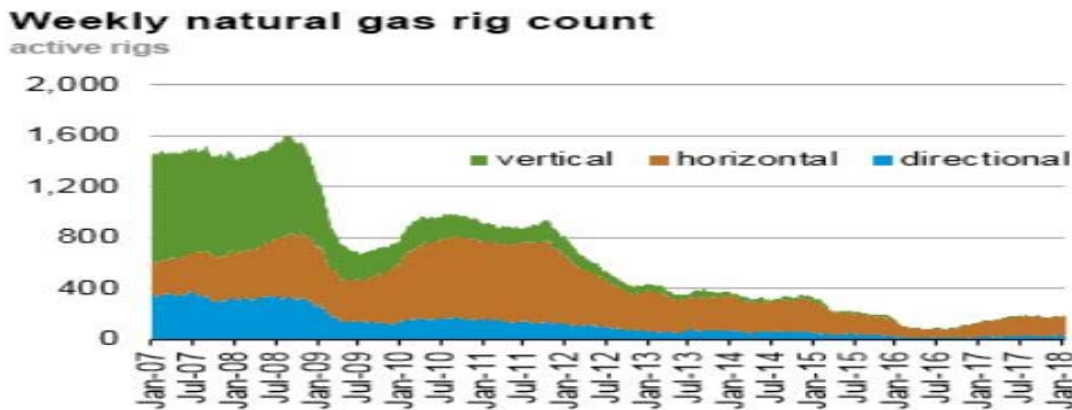
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-02-02	2018-01-26	change
East	488	525	-37
Midwest	543	596	-53
Mountain	131	137	-6
Pacific	213	220	-7
South Central	703	719	-16
Total	2,078	2,197	-119

Source: U.S. Energy Information Administration

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

EIA Natural Gas Rig Count



Source: Baker Hughes

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 2018	March 2018	change	February 2018	March 2018	change
Anadarko	392	397	5	2,677	2,696	19
Appalachia	144	145	1	14,795	14,908	113
Bakken	1,404	1,421	17	1,707	1,732	25
Eagle Ford	1,287	1,345	58	5,129	5,409	280
Haynesville	25	25	-	8,137	8,140	3
Niobrara	1,133	1,144	11	4,317	4,342	25
Permian	632	632	-	1,186	1,186	-
Total	652	657	5	3,659	3,702	43

Source: Energy Information Administration, *Drilling Productivity Report*