

National Mining Association

Weekly Statistical Summary

March 2, 2018 Edition
(Data for Week Ending February 24, 2018)

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. 56, No. 8
Dated 03/02/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/24/18	02/25/17	% Chng	02/24/18	02/24/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,153	15,406	-1.6%	115,815	124,232	-6.8%
52 Weeks Ended	761,882	754,054	1.0%			
AAR Coal Rail Cars Loaded:	85,600	84,822	0.9%	655,418	684,014	-4.2%
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		
	02/24/18	02/25/17	% Chng	02/24/18	02/25/17	% Chng
EI Electric Total Output (Mil. Kwh)	73,792	68,347	8.0%	644,899	603,783	6.8%
EI Coal Region Output (Mil. Kwh)	62,590	57,867	8.2%	557,253	513,013	8.6%
AISI Raw Steel Output (000 Tons)	1,783	1,770	0.7%	13,540	13,758	-1.6%

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)	
	02/23/18	02/16/18	% Chng	Wed.	02/21/18
Central App, 12,500 Btu, 1.2 SO ₂	\$63.10	\$60.10	5.0%	Henry Hub	2.65
Northern App, 13,000 Btu, < 3.0 SO ₂	47.05	45.05	4.4%	New York	2.71
Illinois Basin, 11,800, 5.0 SO ₂	33.60	32.60	3.1%	Chicago	2.57
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.40	12.25	1.2%	Cal.Comp.Avg.	3.55
Uinta Basin, 11,700 Btu, 0.8 SO ₂	42.10	41.60	1.2%		

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



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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		
	2/24/2018 (week 8)	2/17/2018 (week 7)	2/25/2017 (week 8)	2/24/2018	2/24/2017	% Change	2/24/2018	2/25/2017	% Change
Alabama	297	291	256	2,205	2,064	6.8	12,693	10,319	23.0
Alaska	17	16	20	126	163	-22.8	835	918	-9.0
Arizona	121	118	130	903	1,051	-14.1	5,730	5,716	0.2
Arkansas	1	1	1	7	6	4.7	36	49	-26.5
Colorado	343	374	296	2,690	2,386	12.7	15,826	13,602	16.4
Illinois	1,006	1,004	992	7,549	7,997	-5.6	47,348	45,179	4.8
Indiana	628	631	656	4,738	5,287	-10.4	30,537	29,946	2.0
Kansas	11	.
Kentucky Total	849	882	895	6,510	7,215	-9.8	42,085	43,571	-3.4
Eastern (KY)	380	414	365	2,973	2,939	1.1	18,365	17,092	7.4
Western (KY)	469	468	530	3,537	4,275	-17.3	23,720	26,478	-10.4
Louisiana	54	45	75	375	602	-37.8	2,104	3,029	-30.5
Maryland	34	38	30	271	239	13.2	1,804	1,627	10.9
Mississippi	53	58	58	417	467	-10.6	2,711	2,897	-6.4
Missouri	5	5	5	35	37	-6.5	250	248	0.8
Montana	600	638	566	4,675	4,567	2.4	33,889	32,664	3.8
New Mexico	282	289	293	2,150	2,360	-8.9	13,389	13,247	1.1
North Dakota	523	542	566	4,019	4,561	-11.9	27,507	28,571	-3.7
Ohio	144	152	177	1,116	1,431	-22.0	8,509	11,747	-27.6
Oklahoma	9	10	9	71	76	-7.1	533	635	-16.1
Pennsylvania Total	989	1,030	985	7,600	7,941	-4.3	49,119	47,947	2.4
Anthracite (PA)	38	40	41	292	329	-11.1	1,770	1,740	1.7
Bituminous (PA)	951	990	944	7,307	7,613	-4.0	47,349	46,206	2.5
Tennessee	9	9	12	67	96	-30.4	445	622	-28.5
Texas	611	626	683	4,679	5,509	-15.1	34,153	38,842	-12.1
Utah	255	262	276	1,949	2,222	-12.3	13,158	14,276	-7.8
Virginia	273	278	291	2,075	2,344	-11.4	13,551	13,867	-2.3
West Virginia Total	1,917	1,892	1,852	14,319	14,933	-4.1	89,621	83,835	6.9
Northern (WV)	935	935	990	7,045	7,986	-11.8	44,966	45,663	-1.5
Southern (WV)	982	957	861	7,274	6,947	4.7	44,655	38,172	17.0
Wyoming	6,132	6,382	6,284	47,269	50,677	-6.7	316,051	310,690	1.7
Appalachian Total	4,043	4,104	3,967	30,625	31,987	-4.3	194,105	187,056	3.8
Interior Total	2,836	2,848	3,008	21,408	24,257	-11.7	141,393	147,315	-4.0
Western Total	8,273	8,620	8,431	63,782	67,987	-6.2	426,385	419,684	1.6
East of Mississippi River	6,200	6,265	6,202	46,866	50,013	-6.3	298,422	291,556	2.4
West of Mississippi River	8,952	9,307	9,204	68,948	74,218	-7.1	463,461	462,498	0.2
Bituminous and Lignite	15,115	15,532	15,365	115,522	123,903	-6.8	760,112	752,314	1.0
Anthracite	38	40	41	292	329	-11.1	1,770	1,740	1.7
U.S. Total	15,153	15,572	15,406	115,815	124,232	-6.8	761,882	754,054	1.0
Railroad Cars Loaded	85,600	87,962	84,822	655,418	684,014	-4.2	4,389,931	4,264,806	2.9

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 8

OUTPUT FOR WEEK ENDED - Feb 24, 2018

Feb 28, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Feb 24, 2018 was 73,792 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 160 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 24		52 Weeks Ended February 24	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,194	2.2	121,365	-1.6
Mid-Atlantic	7,724	7.4	429,507	-0.8
Central Industrial	12,706	7.6	665,142	-1.0
West Central	6,270	11.0	329,310	-0.1
Southeast	17,629	5.2	1,030,856	1.2
South Central	13,106	12.3	738,348	3.2
Rocky Mountain	5,155	7.5	277,277	0.4
Pacific Northwest	3,995	14.6	157,188	0.9
Pacific Southwest	5,013	3.4	282,066	-0.8
Total United States	73,792	8.0	4,031,059	0.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 17	75,312	Feb 18	72,338	4.1	Feb 17	4,025,614	0.3
Feb 24	73,792	Feb 25	68,347	8.0	Feb 24	4,031,059	0.6
Feb 24	644,899	Feb 25	603,783	6.8	YEAR TO DATE, FIRST 8 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
Feb 03	162	Feb 04	160	Feb 06	167
Feb 10	165	Feb 11	155	Feb 13	183
Feb 17	161	Feb 18	154	Feb 20	175
Feb 24	160	Feb 25	148	Feb 27	171

* 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		
	24-Feb 2018 GWh Output	25-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	24-Feb 2018 GWh Output	25-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	24-Feb 2018 GWh Output	25-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,194	2,147	2.2%	20,006	19,226	4.1%	121,365	123,298	-1.6%
Mid-Atlantic	7,724	7,191	7.4%	70,853	66,318	6.8%	429,507	433,189	-0.8%
Central Industrial	12,706	11,803	7.7%	111,542	104,673	6.6%	665,142	671,818	-1.0%
West Central	6,270	5,647	11.0%	53,429	50,070	6.7%	329,310	329,545	-0.1%
Southeast	17,629	16,762	5.2%	168,473	150,663	11.8%	1,030,856	1,018,716	1.2%
South Central	13,106	11,670	12.3%	111,602	98,897	12.8%	738,348	715,700	3.2%
Rocky Mountain	5,155	4,794	7.5%	41,354	42,392	-2.4%	277,277	276,121	0.4%
Pacific Northwest	3,995	3,484	14.7%	28,450	30,799	-7.6%	157,188	155,761	0.9%
Pacific Southwest	<u>5,013</u>	<u>4,849</u>	3.4%	<u>39,190</u>	<u>40,745</u>	-3.8%	<u>282,066</u>	<u>284,220</u>	-0.8%
Total United States ^{1/}	<u>73,792</u>	<u>68,347</u>	8.0%	<u>644,899</u>	<u>603,783</u>	6.8%	<u>4,031,059</u>	<u>4,008,368</u>	0.6%
Coal Regions Only ^{2/}	62,590	57,867	8.2%	557,253	513,013	8.6%	3,470,440	3,445,089	0.7%

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

February 26, 2018

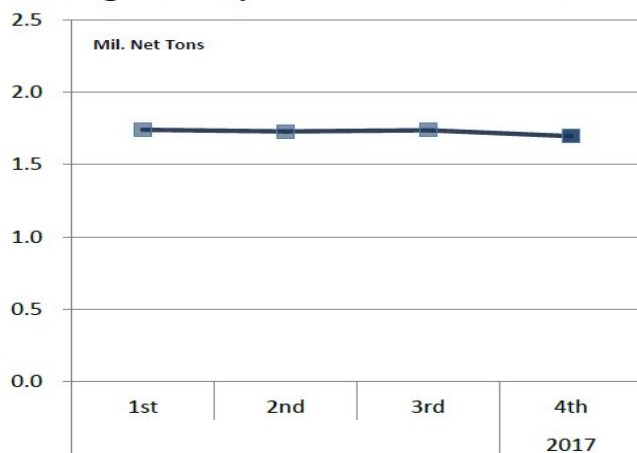
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 24</u>	<u>Week Ending Feb 17</u>	
<u>Week Ending</u>				North East	217	208
				Great Lakes	633	655
February 24, 2018	1,783	1.8	76.5	Midwest	161	162
February 24, 2017	1,770	0.7	75.9	Southern	699	654
February 17, 2018	1,751	0.8	75.1	Western	<u>73</u>	<u>72</u>
				Total	1,783	1,751
<u>Year-to-Date +</u>						
February 24, 2018	13,540	-1.6	73.9			
February 24, 2017	13,758	-	75.2			

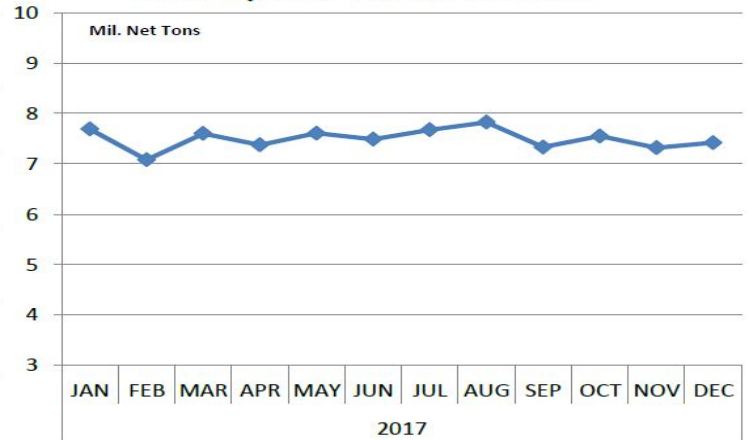
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 8, 2018 – Ended February 24, 2018

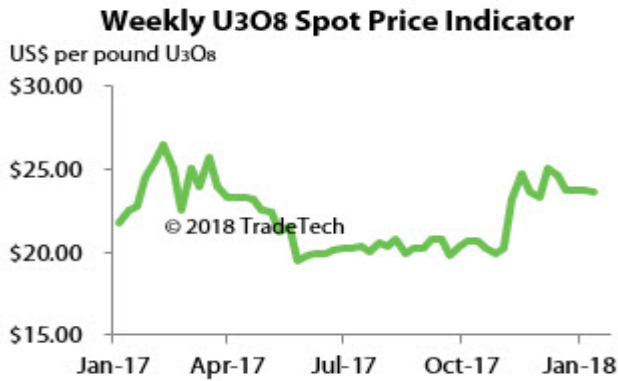
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	251,970	-1.3%	1,980,887	247,611	-2.4%
Chemicals	31,605	0.1%	250,873	31,359	1.3%
Coal	85,600	0.9%	664,040	83,005	-4.5%
Farm Products excl. Grain, and Food	16,494	0.6%	126,411	15,801	-1.9%
Forest Products	10,141	-2.2%	79,883	9,985	1.7%
Grain	20,143	-5.4%	172,756	21,595	-5.9%
Metallic Ores and Metals	21,022	-0.9%	163,467	20,433	-0.9%
Motor Vehicles and Parts	17,527	-5.9%	126,151	15,769	-8.3%
Nonmetallic Minerals	31,511	-3.2%	241,251	30,156	1.3%
Petroleum and Petroleum Products	10,047	6.4%	83,970	10,496	5.7%
Other	7,880	-11.4%	72,085	9,011	-4.6%
Total Intermodal Units	276,470	6.7%	2,134,607	266,826	4.3%
Total Traffic	528,440	2.8%	4,115,494	514,437	1.0%

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.

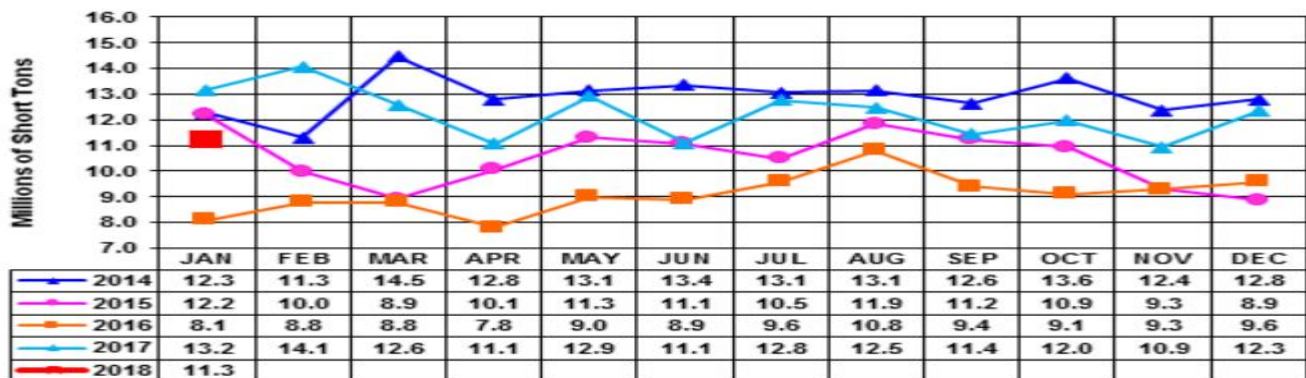
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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



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
	01/26/18	02/02/18	02/09/18	02/16/18	02/23/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.10	\$60.10	\$60.10	\$60.10	\$63.10	\$3.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.05	\$45.05	\$45.05	\$45.05	\$47.05	\$2.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.60	\$32.60	\$32.60	\$32.60	\$33.60	\$1.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.25	\$12.25	\$12.25	\$12.25	\$12.40	\$0.15
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.60	\$41.60	\$41.60	\$41.60	\$42.10	\$0.50

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

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

[DOWNLOAD](#)



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 15)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	209	-53	-67	0	0	0
Middle Atlantic	198	-52	-32	0	0	0
E N Central	269	-4	47	0	0	0
W N Central	303	26	94	0	0	0
South Atlantic	101	-64	-23	18	11	7
E S Central	103	-61	-11	1	1	-1
W S Central	109	-3	51	6	2	-7
Mountain	194	-12	49	0	-1	-1
Pacific	101	-3	22	0	0	0
United States	184	-19	22	4	3	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	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*.

EIA Coal Stocks and Average Number of Days of Burn (Power Sector)

Zone	Coal	December 2017		December 2016		% Change of Stocks	November 2017		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,813	72	5,484	66	-30.5%	4,307	79	-11.5%
	Subbituminous	111	53	98	36	13.3%	163	92	-31.8%
South	Bituminous	26,563	91	29,947	78	-11.3%	28,233	91	-5.9%
	Subbituminous	5,305	61	5,978	68	-11.3%	5,566	64	-4.7%
Midwest	Bituminous	12,933	79	16,276	87	-20.5%	13,635	81	-5.1%
	Subbituminous	37,203	96	43,990	87	-15.4%	38,032	87	-2.2%
West	Bituminous	5,056	100	5,868	98	-13.8%	5,133	90	-1.5%
	Subbituminous	26,202	100	31,244	100	-16.1%	26,830	90	-2.3%
U.S. Total	Bituminous	48,564	87	57,575	81	-15.6%	51,308	87	-5.3%
	Subbituminous	68,821	94	81,310	90	-15.4%	70,591	85	-2.5%

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

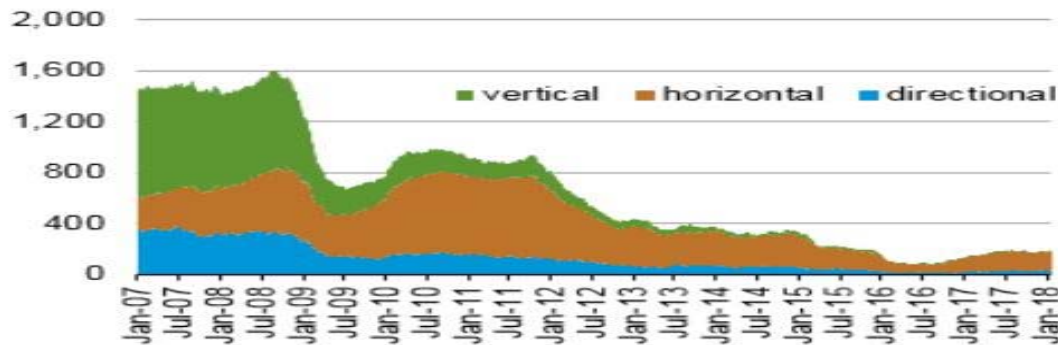
Region	Stocks billion cubic feet (Bcf)		
	2018-02-16	2018-02-09	change
East	403	432	-29
Midwest	428	468	-40
Mountain	111	122	-11
Pacific	204	213	-9
South Central	614	649	-35
Total	1,760	1,884	-124

Source: U.S. Energy Information Administration

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

EIA Natural Gas Rig Count

Weekly natural gas rig count
active rigs



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*