

National Mining Association

Weekly Statistical Summary

February 23, 2018 Edition
(Data for Week Ending February 17, 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. 7
Dated 02/23/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/17/18	02/18/17	% Chng	02/17/18	02/17/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,572	16,514	-5.7%	100,662	108,682	-7.4%
52 Weeks Ended	762,135	752,799	1.2%			
AAR Coal Rail Cars Loaded:	87,962	90,927	-3.3%	569,818	598,397	-4.8%
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		
	02/17/18	02/18/17	% Chng	02/17/18	02/18/17	% Chng
EI Electric Total Output (Mil. Kwh)	75,312	72,338	4.1%	571,107	535,436	6.7%
EI Coal Region Output (Mil. Kwh)	64,619	61,562	5.0%	494,663	455,146	8.7%
AISI Raw Steel Output (000 Tons)	1,751	1,770	-1.1%	11,757	11,988	-1.9%

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)	
	02/16/18	02/09/18	% Chng	Wed.	02/14/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.10	\$60.10	0.0%	Henry Hub	2.51
Northern App, 13,000 Btu, < 3.0 SO ₂	45.05	45.05	0.0%	New York	2.45
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	2.44
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.50
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



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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		
	2/17/2018 (week 7)	2/10/2018 (week 6)	2/18/2017 (week 7)	2/17/2018	2/17/2017	% Change	2/17/2018	2/18/2017	% Change
Alabama	291	282	274	1,908	1,806	5.7	12,651	10,263	23.3
Alaska	16	16	22	109	143	-23.8	838	923	-9.2
Arizona	118	118	140	782	919	-15.0	5,739	5,695	0.8
Arkansas	1	1	1	6	6	5.2	36	49	-26.5
Colorado	374	349	317	2,347	2,087	12.4	15,779	13,511	16.8
Illinois	1,004	975	1,063	6,543	6,996	-6.5	47,333	45,105	4.9
Indiana	631	616	703	4,110	4,626	-11.1	30,565	29,881	2.3
Kansas	13	.
Kentucky Total	882	847	959	5,661	6,312	-10.3	42,130	43,611	-3.4
Eastern (KY)	414	383	391	2,593	2,572	0.8	18,349	17,103	7.3
Western (KY)	468	464	568	3,068	3,740	-18.0	23,781	26,508	-10.3
Louisiana	45	50	80	321	527	-39.0	2,125	3,008	-29.4
Maryland	38	35	32	237	209	13.3	1,800	1,630	10.4
Mississippi	58	54	62	364	408	-10.9	2,716	2,902	-6.4
Missouri	5	5	5	30	33	-7.0	250	247	1.2
Montana	638	617	607	4,075	3,995	2.0	33,856	32,704	3.5
New Mexico	289	281	314	1,869	2,065	-9.5	13,400	13,305	0.7
North Dakota	542	528	606	3,496	3,990	-12.4	27,549	28,594	-3.7
Ohio	152	146	190	971	1,251	-22.4	8,542	11,889	-28.2
Oklahoma	10	9	10	62	67	-7.0	534	639	-16.4
Pennsylvania Total	1,030	992	1,056	6,611	6,947	-4.8	49,115	47,807	2.7
Anthracite (PA)	40	38	44	254	288	-11.6	1,773	1,736	2.1
Bituminous (PA)	990	954	1,012	6,356	6,660	-4.6	47,342	46,071	2.8
Tennessee	9	9	13	58	84	-31.2	448	627	-28.5
Texas	626	617	732	4,067	4,819	-15.6	34,225	38,969	-12.2
Utah	262	255	295	1,694	1,944	-12.9	13,178	14,275	-7.7
Virginia	278	270	312	1,802	2,050	-12.1	13,568	13,840	-2.0
West Virginia Total	1,892	1,854	1,985	12,402	13,064	-5.1	89,556	83,554	7.2
Northern (WV)	935	919	1,062	6,110	6,987	-12.5	45,021	45,514	-1.1
Southern (WV)	957	935	923	6,292	6,077	3.5	44,535	38,040	17.1
Wyoming	6,382	6,228	6,737	41,137	44,334	-7.2	316,203	309,757	2.1
Appalachian Total	4,104	3,970	4,252	26,582	27,983	-5.0	194,028	186,714	3.9
Interior Total	2,848	2,790	3,225	18,572	21,221	-12.5	141,565	147,321	-3.9
Western Total	8,620	8,392	9,038	55,509	59,477	-6.7	426,542	418,765	1.9
East of Mississippi River	6,265	6,079	6,648	40,666	43,753	-7.1	298,424	291,109	2.5
West of Mississippi River	9,307	9,074	9,866	59,996	64,929	-7.6	463,712	461,690	0.4
Bituminous and Lignite	15,532	15,115	16,471	100,408	108,394	-7.4	760,362	751,063	1.2
Anthracite	40	38	44	254	288	-11.6	1,773	1,736	2.1
U.S. Total	15,572	15,153	16,514	100,662	108,682	-7.4	762,135	752,799	1.2
Railroad Cars Loaded	87,962	85,591	90,927	569,818	598,397	-4.8	4,389,153	4,256,555	3.1

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 7

OUTPUT FOR WEEK ENDED - Feb 17, 2018

Feb 21, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Feb 17, 2018 was 75,312 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 161 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 17		52 Weeks Ended February 17	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,300	-6.3	121,317	-1.7
Mid-Atlantic	8,043	-3.5	428,974	-1.1
Central Industrial	13,376	6.2	664,240	-1.3
West Central	6,396	9.6	328,687	-0.3
Southeast	18,561	2.1	1,029,989	0.9
South Central	13,500	12.6	736,912	2.9
Rocky Mountain	4,743	2.7	276,916	0.3
Pacific Northwest	3,578	5.1	156,678	0.8
Pacific Southwest	4,815	-2.1	281,901	-0.8
Total United States	75,312	4.1	4,025,614	0.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 17	75,312	Feb 18	72,338	4.1	Feb 17	4,025,614	0.3
Feb 17	571,107	Feb 18	535,436	6.7	YEAR TO DATE, FIRST 7 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
Feb 17	161	Feb 18	154	Feb 20	175

* 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		
	17-Feb 2018 GWh Output	18-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	17-Feb 2018 GWh Output	18-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	17-Feb 2018 GWh Output	18-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,300	2,455	-6.3%	17,812	17,079	4.3%	121,317	123,473	-1.7%
Mid-Atlantic	8,043	8,334	-3.5%	63,129	59,127	6.8%	428,974	433,948	-1.1%
Central Industrial	13,376	12,597	6.2%	98,836	92,870	6.4%	664,240	672,984	-1.3%
West Central	6,396	5,837	9.6%	47,159	44,423	6.2%	328,687	329,723	-0.3%
Southeast	18,561	18,186	2.1%	150,844	133,901	12.7%	1,029,989	1,020,329	0.9%
South Central	13,500	11,988	12.6%	98,496	87,227	12.9%	736,912	715,872	2.9%
Rocky Mountain	4,743	4,620	2.7%	36,199	37,598	-3.7%	276,916	275,954	0.3%
Pacific Northwest	3,578	3,404	5.1%	24,455	27,315	-10.5%	156,678	155,441	0.8%
Pacific Southwest	4,815	4,917	-2.1%	34,177	35,896	-4.8%	281,901	284,190	-0.8%
Total United States ^{1/}	<u>75,312</u>	<u>72,338</u>	4.1%	<u>571,107</u>	<u>535,436</u>	6.7%	4,025,614	4,011,914	0.3%
Coal Regions Only ^{2/}	64,619	61,562	5.0%	494,663	455,146	8.7%	3,465,718	3,448,810	0.5%

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 19, 2018

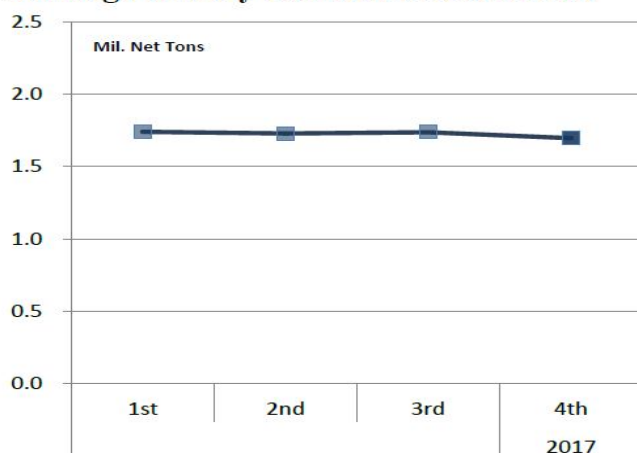
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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</u>		
				<u>Feb 17</u>	<u>Feb 10</u>	
<u>Week Ending</u>				North East	208	219
				Great Lakes	655	637
February 17, 2018	1,751	0.8	75.1	Midwest	162	167
February 17, 2017	1,770	-1.1	75.9	Southern	654	641
February 10, 2018	1,737	-0.6	74.5	Western	<u>72</u>	<u>73</u>
				Total	1,751	1,737
<u>Year-to-Date +</u>						
February 17, 2018	11,757	-1.9	73.6			
February 17, 2017	11,988	-	75.2			

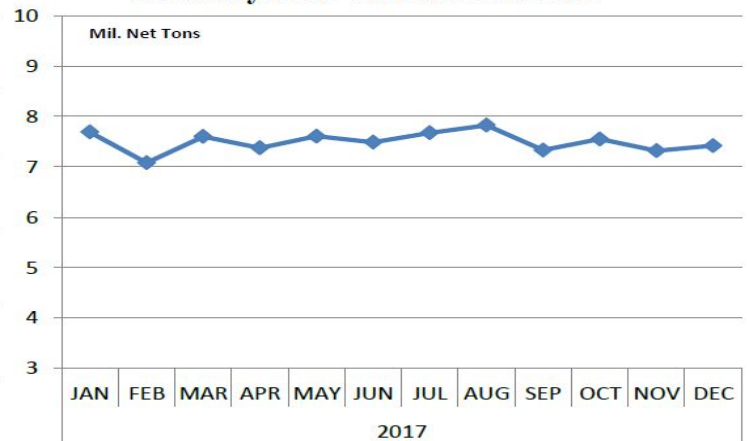
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 7, 2018 – Ended February 17, 2018

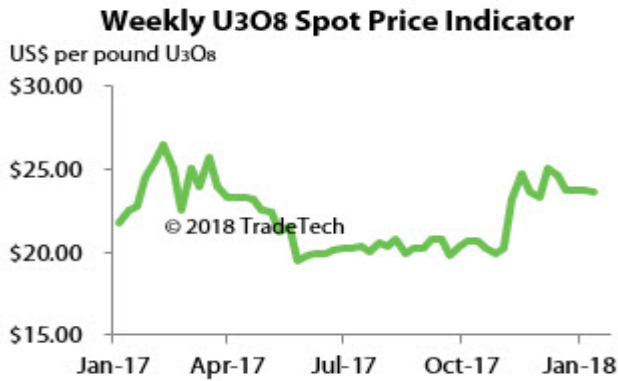
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	260,454	-0.6%	1,728,917	246,988	-2.6%
Chemicals	33,104	3.4%	219,268	31,324	1.5%
Coal	87,962	-3.3%	578,440	82,634	-5.2%
Farm Products excl. Grain, and Food	16,443	0.1%	109,917	15,702	-2.3%
Forest Products	9,949	-1.6%	69,742	9,963	2.3%
Grain	21,495	-5.8%	152,613	21,802	-6.0%
Metallic Ores and Metals	20,678	-0.1%	142,445	20,349	-0.9%
Motor Vehicles and Parts	17,622	0.2%	108,624	15,518	-8.7%
Nonmetallic Minerals	34,048	5.2%	209,740	29,963	2.0%
Petroleum and Petroleum Products	10,097	2.1%	73,923	10,560	5.7%
Other	9,056	-2.5%	64,205	9,172	-3.7%
Total Intermodal Units	279,509	6.8%	1,858,137	265,448	4.0%
Total Traffic	539,963	3.1%	3,587,054	512,436	0.7%

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.

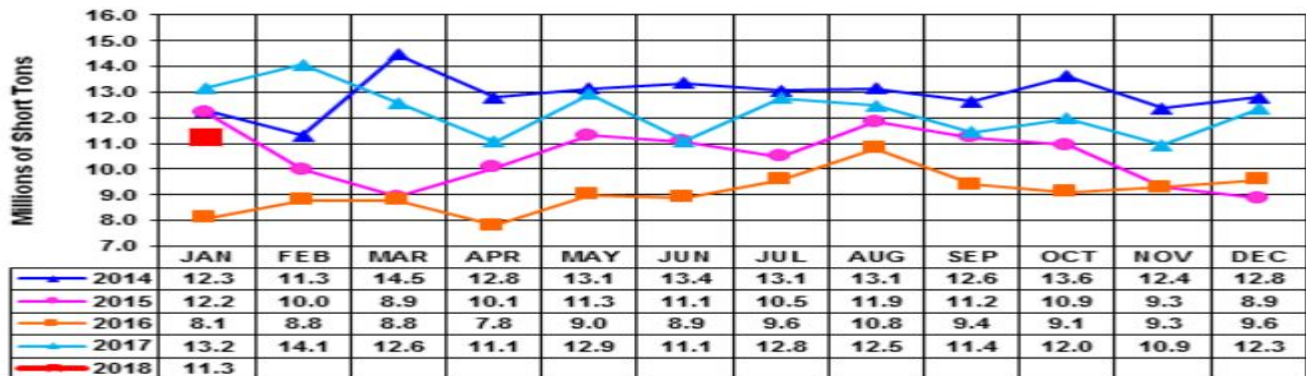
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

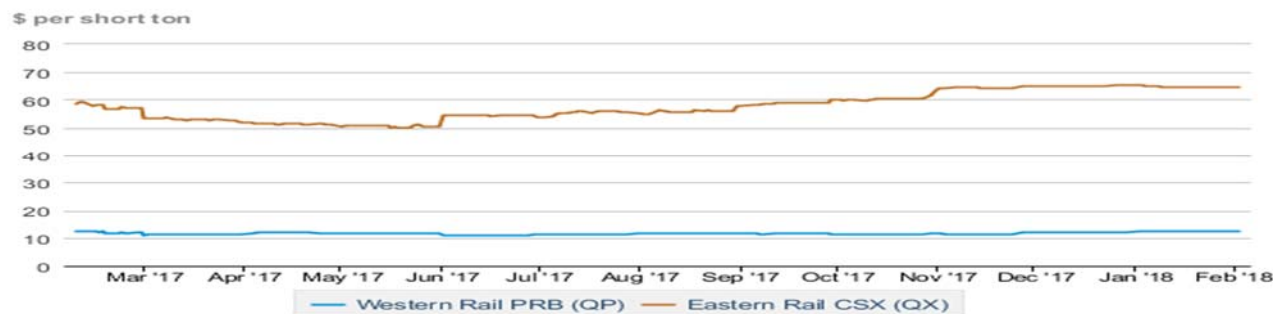
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

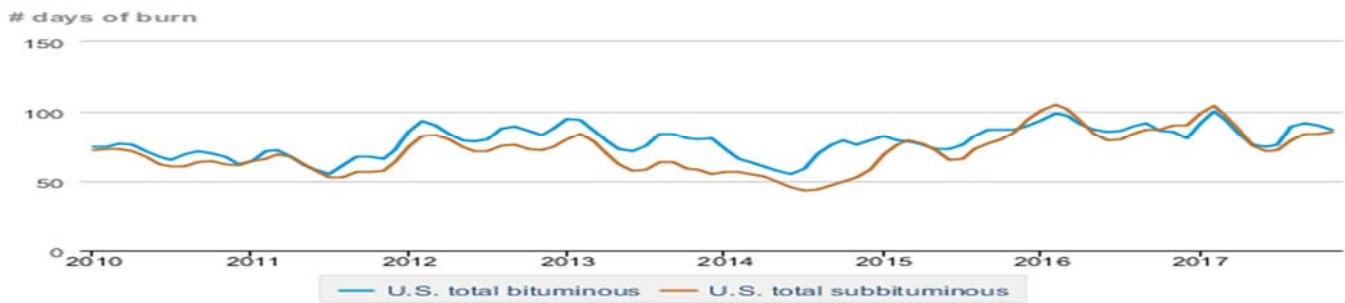
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	01/19/18	01/26/18	02/02/18	02/09/18	02/16/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$58.50	\$60.10	\$60.10	\$60.10	\$60.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.15	\$45.05	\$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



eia Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Feb 08)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	261	-10	22	0	0	0
Middle Atlantic	271	12	55	0	0	0
E N Central	335	51	84	0	0	0
W N Central	358	65	84	0	0	0
South Atlantic	175	2	52	10	3	0
E S Central	188	14	61	0	0	-1
W S Central	127	4	60	0	-4	-15
Mountain	155	-60	-17	1	0	1
Pacific	35	-74	-65	0	0	0
United States	216	3	37	2	1	-2

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

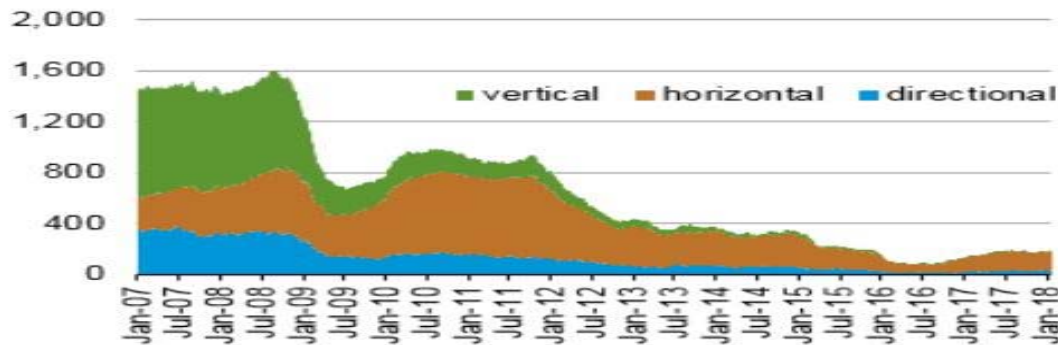
Region	Stocks billion cubic feet (Bcf)		
	2018-02-09	2018-02-02	change
East	432	488	-56
Midwest	468	543	-75
Mountain	122	131	-9
Pacific	213	213	0
South Central	649	703	-54
Total	1,884	2,078	-194

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*