

National Mining Association

Weekly Statistical Summary

January 26, 2018 Edition
(Data for Week Ending January 20, 2018)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 56, No. 3
Dated 01/26/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/20/18	01/21/17	% Chng	01/20/18	01/20/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,647	16,489	-11.2%	38,732	43,361	-10.7%
52 Weeks Ended	765,530	742,930	3.0%			
AAR Coal Rail Cars Loaded:	82,683	90,786	-8.9%	220,035	238,741	-7.8%
Coal Production Month Ended - December	Dec 17/16		% Chng	Jan - Dec 17/16		% Chng
	62,522	63,311	-1.2%	772,302	728,364	6.0%
DOC Coal Trade (000 Tons)						
Exports:	Nov 17/16		% Chng	Jan - Nov 17/16		% Chng
Metallurgical	5,105	3,844	32.8%	50,232	36,292	38.4%
Steam *	4,433	2,670	66.0%	36,950	15,636	136.3%
Lignite	6	6	0.0%	71	64	10.9%
Anthracite	14	38	-63.2%	256	397	-35.5%
Total	9,558	6,558	45.7%	87,509	52,389	67.0%
Imports:	368	706	-47.9%	7,369	9,197	-19.9%
	Week Ended			Cumulative Week 1 to		
	01/20/18	01/21/17	% Chng	01/20/18	01/21/17	% Chng
EI Electric Total Output (Mil. Kwh)	87,813	73,665	19.2%	262,528	236,100	11.2%
EI Coal Region Output (Mil. Kwh)	76,871	62,131	23.7%	229,111	200,644	14.2%
AISI Raw Steel Output (000 Tons)	1,693	1,736	-2.5%	4,803	4,960	-3.2%

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)	
	01/19/18	01/12/18	% Chng	Wed.	01/17/18
Central App, 12,500 Btu, 1.2 SO ₂	\$58.50	\$58.50	0.0%	Henry Hub	3.87
Northern App, 13,000 Btu, < 3.0 SO ₂	45.15	45.15	0.0%	New York	9.26
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	3.32
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.96
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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	1/20/2018 (week 3)	1/13/2018 (week 2)	1/21/2017 (week 3)	1/20/2018	1/20/2017	% Change	1/20/2018	1/21/2017	% Change
Alabama	273	264	274	736	720	2.1	12,565	9,962	26.1
Alaska	16	15	22	42	57	-25.9	858	937	-8.4
Arizona	114	108	139	302	367	-17.6	5,812	5,569	4.4
Arkansas	1	1	1	2	2	-0.5	36	50	-28.0
Colorado	337	305	317	897	833	7.7	15,583	13,060	19.3
Illinois	942	895	1,061	2,521	2,791	-9.7	47,517	44,497	6.8
Indiana	595	558	702	1,584	1,845	-14.2	30,819	29,413	4.8
Kansas	22	.
Kentucky Total	819	755	958	2,175	2,518	-13.6	42,438	43,480	-2.4
Eastern (KY)	370	338	390	990	1,026	-3.5	18,292	17,028	7.4
Western (KY)	449	417	567	1,184	1,492	-20.6	24,146	26,452	-8.7
Louisiana	48	48	80	126	210	-39.9	2,247	2,901	-22.5
Maryland	34	30	32	90	84	8.1	1,779	1,632	9.0
Mississippi	52	48	62	139	163	-14.6	2,737	2,903	-5.7
Missouri	4	4	5	12	13	-10.7	251	240	4.6
Montana	597	533	606	1,564	1,594	-1.8	33,746	32,682	3.3
New Mexico	272	251	313	719	824	-12.7	13,491	13,439	0.4
North Dakota	510	465	605	1,345	1,592	-15.5	27,797	28,504	-2.5
Ohio	141	128	190	373	499	-25.3	8,696	12,389	-29.8
Oklahoma	9	8	10	24	27	-11.3	535	652	-17.9
Pennsylvania Total	959	879	1,054	2,540	2,772	-8.4	49,219	46,945	4.8
Anthracite (PA)	37	34	44	98	115	-14.9	1,789	1,706	4.9
Bituminous (PA)	922	845	1,010	2,442	2,657	-8.1	47,430	45,240	4.8
Tennessee	8	8	13	22	33	-33.1	463	642	-27.9
Texas	596	544	731	1,567	1,923	-18.5	34,621	39,247	-11.8
Utah	247	227	295	652	775	-15.9	13,305	14,183	-6.2
Virginia	261	243	311	694	818	-15.2	13,692	13,641	0.4
West Virginia Total	1,792	1,704	1,982	4,785	5,212	-8.2	89,791	81,858	9.7
Northern (WV)	888	831	1,060	2,356	2,788	-15.5	45,467	44,611	1.9
Southern (WV)	904	873	922	2,429	2,425	0.2	44,324	37,248	19.0
Wyoming	6,020	5,452	6,726	15,821	17,688	-10.6	317,534	304,080	4.4
Appalachian Total	3,838	3,595	4,246	10,230	11,164	-8.4	194,497	184,098	5.6
Interior Total	2,697	2,521	3,220	7,159	8,467	-15.4	142,907	146,378	-2.4
Western Total	8,112	7,356	9,024	21,343	23,729	-10.1	428,126	412,454	3.8
East of Mississippi River	5,876	5,512	6,638	15,659	17,456	-10.3	299,714	287,364	4.3
West of Mississippi River	8,771	7,960	9,851	23,073	25,904	-10.9	465,816	455,566	2.2
Bituminous and Lignite	14,610	13,438	16,445	38,634	43,246	-10.7	763,741	741,224	3.0
Anthracite	37	34	44	98	115	-14.9	1,789	1,706	4.9
U.S. Total	14,647	13,472	16,489	38,732	43,361	-10.7	765,530	742,930	3.0
Railroad Cars Loaded	82,683	76,001	90,786	220,035	238,741	-7.8	4,399,045	4,196,971	4.8

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 3

OUTPUT FOR WEEK ENDED - Jan 20, 2018

Jan 24, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 20, 2018 was 87,813 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 191 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended January 20		52 Weeks Ended January 20	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,609	9.7	121,366	-1.9
Mid-Atlantic	9,402	13.9	428,311	-1.6
Central Industrial	14,696	16.3	662,333	-1.9
West Central	6,935	9.4	327,398	-0.8
Southeast	24,441	41.7	1,026,223	-0.1
South Central	16,091	33.4	732,982	2.4
Rocky Mountain	5,306	-5.0	277,422	0.7
Pacific Northwest	3,445	-12.2	157,487	2.3
Pacific Southwest	4,888	-6.6	282,849	-0.2
Total United States	87,813	19.2	4,016,370	-0.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Dec 30	82,002	Dec 31	72,818	12.6	Dec 30	3,989,942	-0.9
Jan 06	93,331	Jan 07	81,914	13.9	Jan 06	4,001,359	-0.7
Jan 13	81,383	Jan 14	80,521	1.1	Jan 13	4,002,222	-0.7
Jan 20	87,813	Jan 21	73,665	19.2	Jan 20	4,016,370	-0.1
Jan 20	262,528	Jan 21	236,100	11.2	YEAR TO DATE, FIRST 3 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
Dec 30	218	Dec 31	181	Jan 02	178
Jan 06	210	Jan 07	188	Jan 09	181
Jan 13	175	Jan 14	177	Jan 16	182
Jan 20	191	Jan 21	161	Jan 23	193

* 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		
	20-Jan 2018 GWh Output	21-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	20-Jan 2018 GWh Output	21-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	20-Jan 2018 GWh Output	21-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,609	2,377	9.8%	8,122	7,339	10.7%	121,366	123,683	-1.9%
Mid-Atlantic	9,402	8,254	13.9%	28,976	25,637	13.0%	428,311	435,203	-1.6%
Central Industrial	14,696	12,637	16.3%	44,689	40,632	10.0%	662,333	674,887	-1.9%
West Central	6,935	6,340	9.4%	21,033	19,586	7.4%	327,398	330,116	-0.8%
Southeast	24,441	17,254	41.7%	72,452	59,274	22.2%	1,026,223	1,027,559	-0.1%
South Central	16,091	12,060	33.4%	46,048	38,710	19.0%	732,982	715,870	2.4%
Rocky Mountain	5,306	5,586	-5.0%	15,913	16,805	-5.3%	277,422	275,563	0.7%
Pacific Northwest	3,445	3,924	-12.2%	10,621	12,672	-16.2%	157,487	153,956	2.3%
Pacific Southwest	4,888	5,233	-6.6%	14,673	15,445	-5.0%	282,849	283,296	-0.2%
Total United States ^{1/}	87,813	73,665	19.2%	262,527	236,100	11.2%	4,016,371	4,020,133	-0.1%
Coal Regions Only ^{2/}	76,871	62,131	23.7%	229,111	200,644	14.2%	3,454,669	3,459,198	-0.1%

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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January 22, 2018

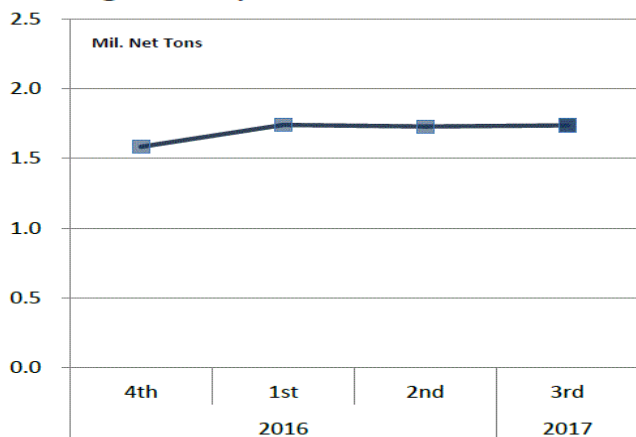
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Jan 20</u>	<u>Jan 13</u>	
<u>Week Ending</u>				North East	213	203
				Great Lakes	648	656
January 20, 2018	1,693	-0.8	72.6	Midwest	160	161
January 20, 2017	1,736	-2.5	74.5	Southern	599	614
January 13, 2017	1,707	3.5	73.2	Western	<u>73</u>	<u>73</u>
				Total	1,693	1,707
<u>Year-to-Date +</u>						
January 20, 2018	4,803	-3.2	72.1			
January 20, 2017	4,960	-	74.5			

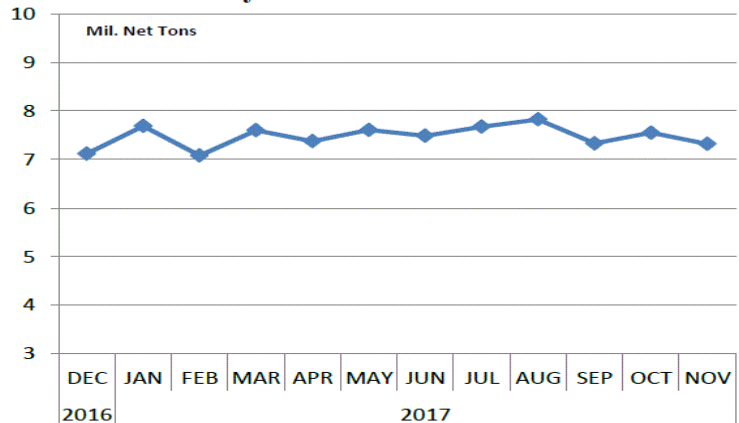
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2017 is approximately 30.6 million net tons vs. 30.7 million net tons for the same period last year, and 30.6 million tons for the third 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 3, 2018 – Ended January 20, 2018

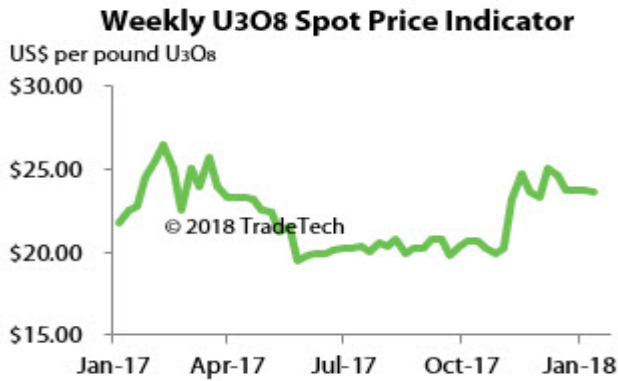
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	241,258	-7.6%	691,255	230,418	-5.7%
Chemicals	29,951	-5.5%	90,068	30,023	0.0%
Coal	82,683	-9.0%	228,657	76,219	-8.7%
Farm Products excl. Grain, and Food	15,724	-2.9%	45,052	15,017	-3.6%
Forest Products	10,217	4.9%	28,576	9,525	1.1%
Grain	23,251	-5.1%	64,846	21,615	-8.0%
Metallic Ores and Metals	19,267	-4.5%	58,906	19,635	-5.8%
Motor Vehicles and Parts	14,560	-15.9%	40,251	13,417	-10.9%
Nonmetallic Minerals	26,377	-12.9%	78,779	26,260	-3.0%
Petroleum and Petroleum Products	10,554	3.3%	31,205	10,402	3.8%
Other	8,674	-13.6%	24,915	8,305	-10.5%
Total Intermodal Units	266,981	1.8%	744,783	248,261	1.2%
Total Traffic	508,239	-2.9%	1,436,038	478,679	-2.2%

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.

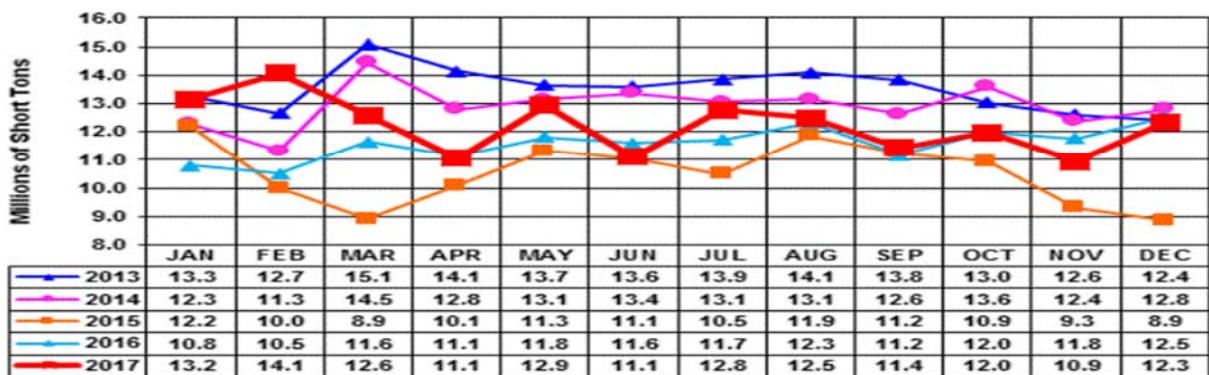
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

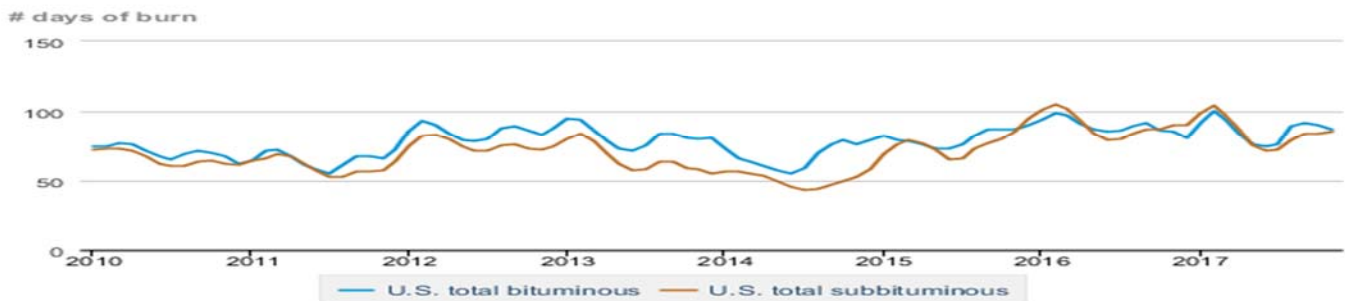
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	12/22/17	12/29/17	01/05/18	01/12/18	01/19/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.85	\$59.85	\$58.50	\$58.50	\$58.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.20	\$46.20	\$45.15	\$45.15	\$45.15	\$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	\$12.10	\$12.10	\$12.25	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.10	\$41.10	\$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 Jan 11)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	317	45	24	0	0	0
Middle Atlantic	308	48	21	0	0	0
E N Central	286	-9	-36	0	0	0
W N Central	283	-34	-65	0	0	0
South Atlantic	219	37	-4	5	-3	1
E S Central	188	-1	-35	0	-2	0
W S Central	105	-36	-50	0	-3	-4
Mountain	170	-66	-69	0	0	0
Pacific	84	-39	-39	0	0	0
United States	217	-8	-29	1	-1	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)



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

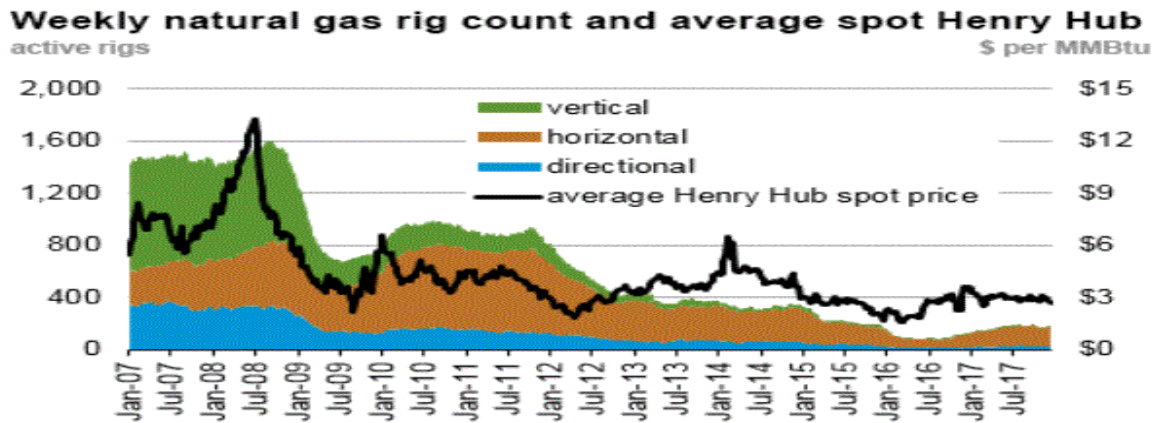
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-01-12	2018-01-05	change
East	614	664	-50
Midwest	717	778	-61
Mountain	158	167	-9
Pacific	244	251	-7
South Central	851	907	-56
Total	2,584	2,767	-183

Source: U.S. Energy Information Administration

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

EIA Natural Gas Rig Count and Price Trend



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		
	January 2018	February 2018	change	January 2018	February 2018	change
Anadarko	387	392	5	2,660	2,677	17
Appalachia	144	144	-	14,730	14,903	173
Bakken	1,386	1,393	7	1,681	1,700	19
Eagle Ford	1,200	1,281	81	4,750	5,013	263
Haynesville	31	31	-	8,102	8,119	17
Niobrara	1,119	1,132	13	4,290	4,313	23
Permian	628	632	4	1,171	1,186	15
Total	642	650	8	3,570	3,659	89

Source: Energy Information Administration, *Drilling Productivity Report*