

National Mining Association

Weekly Statistical Summary

February 2, 2018 Edition
(Data for Week Ending January 27, 2018)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 56, No. 4
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/27/18	01/28/17	% Chng	01/27/18	01/27/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,333	15,839	-3.2%	54,065	59,284	-8.8%
52 Weeks Ended	765,025	745,070	2.7%			
AAR Coal Rail Cars Loaded:	86,586	87,208	-0.7%	306,621	326,412	-6.1%
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		
	01/27/18	01/28/17	% Chng	01/27/18	01/28/17	% Chng
EI Electric Total Output (Mil. Kwh)	75,934	75,253	0.9%	338,462	311,353	8.7%
EI Coal Region Output (Mil. Kwh)	64,972	63,945	1.6%	294,083	264,589	11.1%
AISI Raw Steel Output (000 Tons)	1,719	1,736	-1.0%	6,522	6,697	-2.6%

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)	
	01/26/18	01/19/18	% Chng	Wed.	01/24/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.10	\$58.50	2.7%	Henry Hub	3.56
Northern App, 13,000 Btu, < 3.0 SO ₂	45.05	45.15	-0.2%	New York	5.12
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	3.27
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.98
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



Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/27/2018 (week 4)	1/20/2018 (week 3)	1/28/2017 (week 4)	1/27/2018	1/27/2017	% Change	1/27/2018	1/28/2017	% Change
Alabama	287	273	263	1,023	985	3.8	12,588	10,031	25.5
Alaska	16	16	21	58	78	-25.3	853	933	-8.6
Arizona	117	114	134	419	502	-16.5	5,794	5,598	3.5
Arkansas	1	1	1	3	3	4.9	36	50	-28.0
Colorado	368	337	304	1,265	1,139	11.1	15,647	13,165	18.9
Illinois	989	942	1,020	3,510	3,816	-8.0	47,486	44,628	6.4
Indiana	622	595	674	2,205	2,523	-12.6	30,766	29,516	4.2
Kansas	20	.
Kentucky Total	868	819	920	3,043	3,443	-11.6	42,386	43,495	-2.5
Eastern (KY)	408	370	375	1,398	1,403	-0.3	18,325	17,040	7.5
Western (KY)	460	449	545	1,645	2,040	-19.4	24,061	26,455	-9.0
Louisiana	44	48	77	171	287	-40.7	2,214	2,926	-24.3
Maryland	38	34	31	128	114	12.2	1,786	1,631	9.5
Mississippi	57	52	60	196	223	-12.0	2,734	2,902	-5.8
Missouri	5	4	5	16	18	-8.4	251	242	3.7
Montana	628	597	582	2,192	2,179	0.6	33,792	32,676	3.4
New Mexico	284	272	301	1,003	1,126	-10.9	13,475	13,400	0.6
North Dakota	533	510	582	1,878	2,177	-13.7	27,748	28,515	-2.7
Ohio	150	141	182	522	683	-23.5	8,663	12,263	-29.4
Oklahoma	10	9	10	34	36	-7.8	535	649	-17.6
Pennsylvania Total	1,014	959	1,012	3,554	3,790	-6.2	49,221	47,139	4.4
Anthracite (PA)	39	37	42	137	157	-12.8	1,786	1,712	4.3
Bituminous (PA)	975	922	971	3,417	3,633	-5.9	47,434	45,427	4.4
Tennessee	8	8	12	31	46	-32.5	459	638	-28.1
Texas	617	596	702	2,184	2,629	-16.9	34,536	39,165	-11.8
Utah	258	247	283	910	1,060	-14.2	13,279	14,201	-6.5
Virginia	274	261	299	967	1,118	-13.5	13,667	13,685	-0.1
West Virginia Total	1,863	1,792	1,904	6,649	7,126	-6.7	89,751	82,241	9.1
Northern (WV)	921	888	1,018	3,277	3,811	-14.0	45,370	44,814	1.2
Southern (WV)	942	904	886	3,371	3,315	1.7	44,381	37,427	18.6
Wyoming	6,284	6,020	6,461	22,105	24,183	-8.6	317,357	305,361	3.9
Appalachian Total	4,041	3,838	4,078	14,272	15,264	-6.5	194,460	184,668	5.3
Interior Total	2,804	2,697	3,093	9,963	11,576	-13.9	142,619	146,553	-2.7
Western Total	8,488	8,112	8,668	29,831	32,444	-8.1	427,946	413,850	3.4
East of Mississippi River	6,169	5,876	6,376	21,828	23,867	-8.5	299,507	288,169	3.9
West of Mississippi River	9,164	8,771	9,462	32,238	35,417	-9.0	465,518	456,901	1.9
Bituminous and Lignite	15,294	14,610	15,797	53,929	59,127	-8.8	763,238	743,358	2.7
Anthracite	39	37	42	137	157	-12.8	1,786	1,712	4.3
U.S. Total	15,333	14,647	15,839	54,065	59,284	-8.8	765,025	745,070	2.7
Railroad Cars Loaded	86,586	82,683	87,208	306,621	326,412	-6.1	4,398,423	4,210,051	4.5

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 4

OUTPUT FOR WEEK ENDED - Jan 27, 2018

Jan 31, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 27, 2018 was 75,934 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 168 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended January 27		52 Weeks Ended January 27	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,431	3.6	121,450	-1.7
Mid-Atlantic	8,357	2.0	428,476	-1.4
Central Industrial	12,751	0.1	662,345	-1.8
West Central	6,280	-1.0	327,332	-0.8
Southeast	19,327	3.8	1,026,932	0.2
South Central	12,764	3.4	733,399	2.5
Rocky Mountain	5,493	-3.7	277,211	0.4
Pacific Northwest	3,550	-3.0	157,377	2.0
Pacific Southwest	4,981	-6.0	282,529	-0.4
Total United States	75,934	0.9	4,017,051	0.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 27	75,934	Jan 28	75,253	0.9	Jan 27	4,017,051	0.0
Jan 27	338,462	Jan 28	311,353	8.7	YEAR TO DATE, FIRST 4 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
Jan 27	168	Jan 28	167	Jan 30	176

* 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		
	27-Jan 2018 GWh Output	28-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	27-Jan 2018 GWh Output	28-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	27-Jan 2018 GWh Output	28-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,431	2,347	3.6%	10,553	9,686	9.0%	121,450	123,586	-1.7%
Mid-Atlantic	8,357	8,191	2.0%	37,333	33,828	10.4%	428,476	434,726	-1.4%
Central Industrial	12,751	12,738	0.1%	57,440	53,370	7.6%	662,345	674,296	-1.8%
West Central	6,280	6,347	-1.1%	27,313	25,933	5.3%	327,332	329,986	-0.8%
Southeast	19,327	18,618	3.8%	91,779	77,892	17.8%	1,026,932	1,025,295	0.2%
South Central	12,764	12,347	3.4%	58,812	51,057	15.2%	733,399	715,595	2.5%
Rocky Mountain	5,493	5,704	-3.7%	21,406	22,509	-4.9%	277,211	276,003	0.4%
Pacific Northwest	3,550	3,660	-3.0%	14,171	16,332	-13.2%	157,377	154,310	2.0%
Pacific Southwest	4,981	5,301	-6.0%	19,654	20,746	-5.3%	282,529	283,676	-0.4%
Total United States ^{1/}	75,934	75,253	0.9%	338,461	311,353	8.7%	4,017,051	4,017,473	0.0%
Coal Regions Only ^{2/}	64,972	63,945	1.6%	294,083	264,589	11.1%	3,455,695	3,455,901	0.0%

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 29, 2018

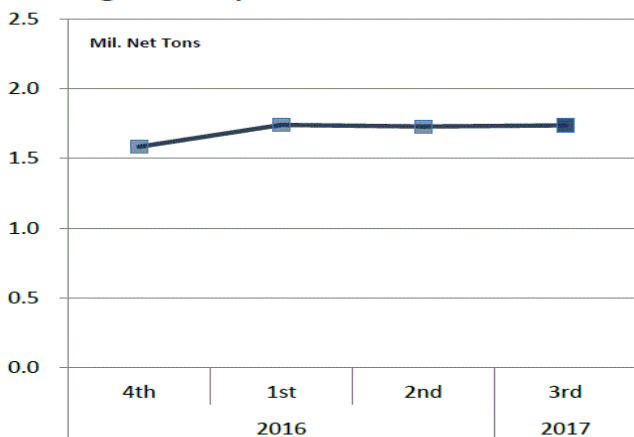
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 27</u>	<u>Jan 20</u>	
<u>Week Ending</u>				North East	215	213
				Great Lakes	650	648
January 27, 2018	1,719	1.5	73.8	Midwest	159	160
January 27, 2017	1,736	-1.0	74.5	Southern	629	599
January 20, 2017	1,693	-0.8	72.6	Western	66	73
				Total	1,719	1,693
<u>Year-to-Date +</u>						
January 27, 2018	6,522	-2.6	72.5			
January 27, 2017	6,697	-	74.5			

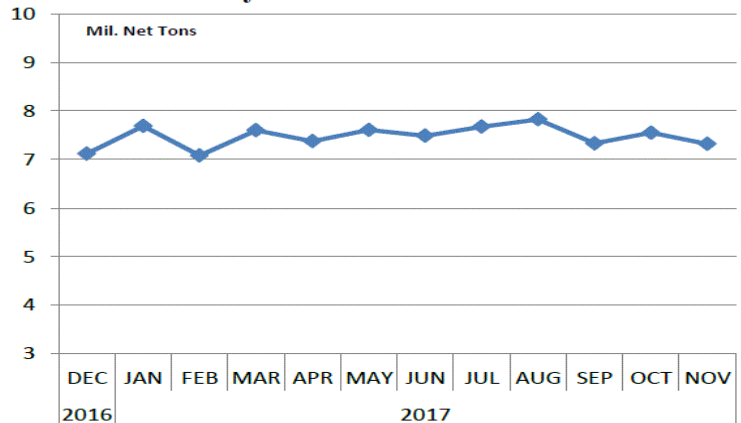
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 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 4, 2018 – Ended January 27, 2018

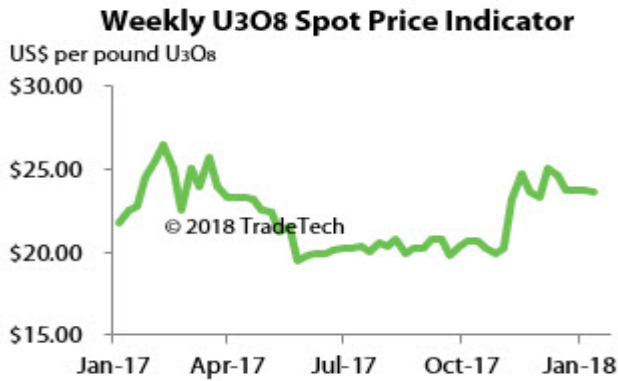
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	260,993	1.1%	952,248	238,062	-3.9%
Chemicals	30,871	0.4%	120,939	30,235	0.1%
Coal	86,586	-0.7%	315,243	78,811	-6.6%
Farm Products excl. Grain, and Food	15,960	-1.6%	61,012	15,253	-3.1%
Forest Products	10,686	5.4%	39,262	9,816	2.2%
Grain	22,538	-1.1%	87,384	21,846	-6.3%
Metallic Ores and Metals	21,481	1.1%	80,387	20,097	-4.0%
Motor Vehicles and Parts	17,729	-5.8%	57,980	14,495	-9.4%
Nonmetallic Minerals	32,672	6.6%	111,451	27,863	-0.4%
Petroleum and Petroleum Products	11,506	13.4%	42,711	10,678	6.2%
Other	10,964	6.2%	35,879	8,970	-6.0%
Total Intermodal Units	282,522	6.9%	1,027,305	256,826	2.7%
Total Traffic	543,515	4.0%	1,979,553	494,888	-0.6%

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.

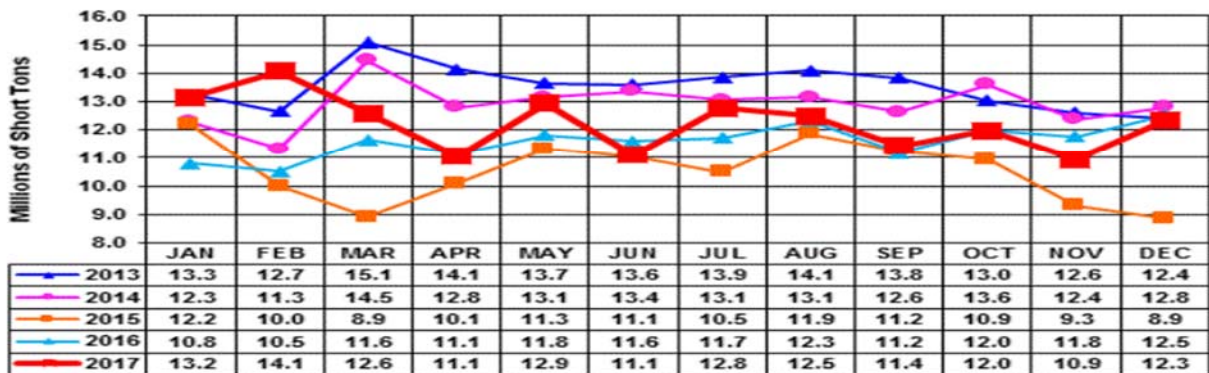
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

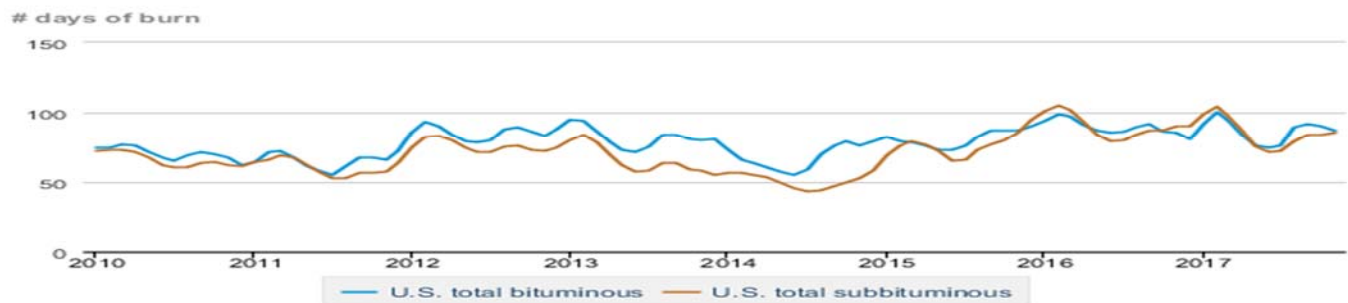
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	12/29/17	01/05/18	01/12/18	01/19/18	01/26/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.85	\$58.50	\$58.50	\$58.50	\$60.10	\$1.60
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.20	\$45.15	\$45.15	\$45.15	\$45.05	-\$0.10
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	\$12.25	\$12.25	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.10	\$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 Jan 18)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	248	-27	30	0	0	0
Middle Atlantic	275	12	75	0	0	0
E N Central	345	48	111	0	0	0
W N Central	380	62	94	0	0	0
South Atlantic	208	24	120	3	-5	-9
E S Central	264	75	197	0	-2	-1
W S Central	213	72	146	0	-3	-10
Mountain	195	-39	-29	0	0	0
Pacific	65	-57	-76	0	-1	0
United States	244	18	67	1	-1	-3

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*

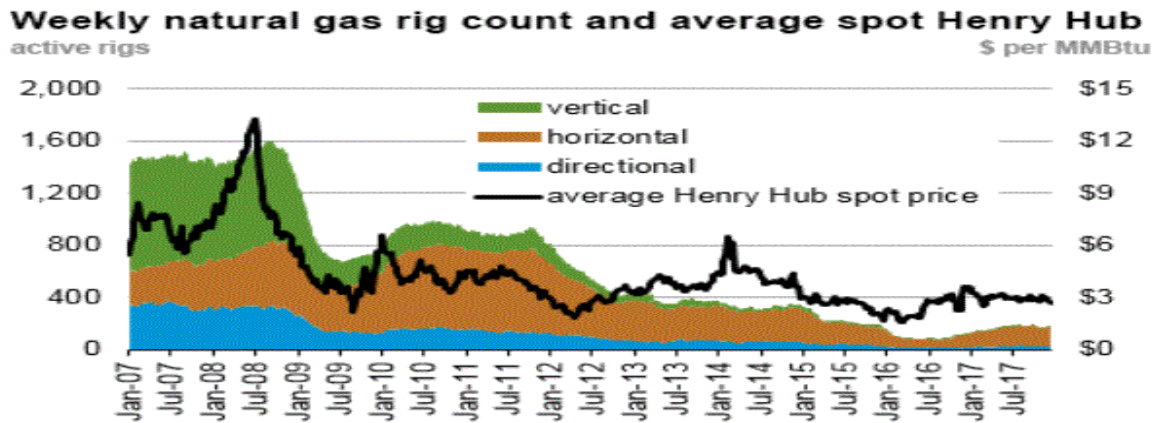
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2018-01-19	2018-01-12	change
East	555	614	-59
Midwest	634	717	-83
Mountain	145	158	-13
Pacific	233	244	-11
South Central	729	851	-122
Total	2,296	2,584	-288

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*