

National Mining Association

Weekly Statistical Summary

January 19, 2018 Edition
(Data for Week Ending January 13, 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. 2
Dated 01/19/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/13/18	01/14/17	% Chng	01/13/18	01/13/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,472	15,462	-12.9%	24,085	27,005	-10.8%
52 Weeks Ended	767,372	740,358	3.6%			
AAR Coal Rail Cars Loaded:	76,001	85,133	-10.7%	137,352	148,688	-7.6%
Coal Production	Dec 17/16		% Chng	Jan - Dec 17/16		% Chng
Month Ended - December	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		
	01/13/18	01/14/17	% Chng	01/13/18	01/14/17	% Chng
EI Electric Total Output (Mil. Kwh)	81,383	80,521	1.1%	174,714	162,435	7.6%
EI Coal Region Output (Mil. Kwh)	70,394	68,551	2.7%	152,240	138,513	9.9%
AISI Raw Steel Output (000 Tons)	1,707	1,736	-1.7%	3,110	3,224	-3.5%

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)	
	01/12/18	01/05/18	% Chng	Wed.	01/10/18
Central App, 12,500 Btu, 1.2 SO ₂	\$58.50	\$58.50	0.0%	Henry Hub	3.11
Northern App, 13,000 Btu, < 3.0 SO ₂	45.15	45.15	0.0%	New York	3.22
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	3.03
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.70
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)	1/13/2018 (week 2)	1/6/2018 (week 1)	1/14/2017 (week 2)	1/13/2018	1/13/2017	% Change	1/13/2018	1/14/2017	% Change
Alabama	264	222	257	463	449	3.2	12,566	9,884	27.1
Alaska	15	13	20	26	36	-25.9	863	940	-8.2
Arizona	108	92	131	189	228	-17.5	5,838	5,537	5.4
Arkansas	1	1	1	1	1	0.7	36	50	-28.0
Colorado	305	286	297	560	519	7.9	15,563	12,945	20.2
Illinois	895	769	995	1,579	1,738	-9.2	47,636	44,339	7.4
Indiana	558	489	658	989	1,149	-14.0	30,925	29,292	5.6
Kansas	24	.
Kentucky Total	755	680	898	1,356	1,568	-13.6	42,577	43,442	-2.0
Eastern (KY)	338	316	366	620	639	-3.0	18,312	17,007	7.7
Western (KY)	417	364	532	736	929	-20.8	24,264	26,435	-8.2
Louisiana	48	36	75	78	131	-40.4	2,279	2,874	-20.7
Maryland	30	29	30	56	52	8.0	1,776	1,632	8.8
Mississippi	48	44	58	87	101	-14.4	2,746	2,903	-5.4
Missouri	4	4	5	7	8	-10.6	251	239	5.0
Montana	533	495	568	968	993	-2.5	33,755	32,672	3.3
New Mexico	251	223	294	447	513	-12.8	13,533	13,470	0.5
North Dakota	465	421	568	835	991	-15.8	27,892	28,478	-2.1
Ohio	128	118	178	232	311	-25.4	8,745	12,514	-30.1
Oklahoma	8	8	10	15	17	-11.4	536	656	-18.3
Pennsylvania Total	879	795	988	1,581	1,726	-8.4	49,315	46,723	5.5
Anthracite (PA)	34	30	41	61	71	-14.8	1,796	1,698	5.8
Bituminous (PA)	845	765	947	1,520	1,655	-8.1	47,519	45,025	5.5
Tennessee	8	7	12	14	21	-33.3	467	646	-27.7
Texas	544	488	686	971	1,197	-19.0	34,756	39,313	-11.6
Utah	227	203	277	405	483	-16.1	13,353	14,158	-5.7
Virginia	243	215	292	433	509	-15.1	13,742	13,589	1.1
West Virginia Total	1,704	1,458	1,859	2,994	3,246	-7.8	89,982	81,421	10.5
Northern (WV)	831	726	994	1,468	1,736	-15.4	45,639	44,378	2.8
Southern (WV)	873	732	865	1,525	1,510	1.0	44,343	37,043	19.7
Wyoming	5,452	4,971	6,307	9,801	11,016	-11.0	318,241	302,617	5.2
Appalachian Total	3,595	3,160	3,981	6,392	6,953	-8.1	194,904	183,417	6.3
Interior Total	2,521	2,202	3,019	4,462	5,273	-15.4	143,430	146,123	-1.8
Western Total	7,356	6,703	8,462	13,231	14,779	-10.5	429,037	410,818	4.4
East of Mississippi River	5,512	4,826	6,225	9,782	10,872	-10.0	300,476	286,386	4.9
West of Mississippi River	7,960	7,239	9,237	14,303	16,133	-11.3	466,896	453,972	2.8
Bituminous and Lignite	13,438	12,034	15,421	24,024	26,934	-10.8	765,576	738,660	3.6
Anthracite	34	30	41	61	71	-14.8	1,796	1,698	5.8
U.S. Total	13,472	12,065	15,462	24,085	27,005	-10.8	767,372	740,358	3.6
Railroad Cars Loaded	76,001	69,973	85,133	137,352	148,688	-7.6	4,407,148	4,181,493	5.4

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 2

OUTPUT FOR WEEK ENDED - Jan 13, 2018

Jan 17, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 13, 2018 was 81,383 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 175 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION (48 CONTIGUOUS STATES)

	Week Ended January 13		52 Weeks Ended January 13	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,590	3.0	121,135	-2.2
Mid-Atlantic	9,076	2.4	427,163	-2.1
Central Industrial	14,146	0.4	660,274	-2.5
West Central	6,751	2.9	326,804	-1.2
Southeast	21,473	3.8	1,019,035	-1.4
South Central	13,662	6.5	728,951	1.6
Rocky Mountain	5,286	-4.2	277,701	0.9
Pacific Northwest	3,457	-19.8	157,965	2.9
Pacific Southwest	4,942	-3.9	283,194	0.1
Total United States	81,383	1.1	4,002,222	-0.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Dec 23	76,393	Dec 24	81,466	-6.2	Dec 23	3,980,758	-1.2
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 13	174,714	Jan 14	162,435	7.6	YEAR TO DATE, FIRST 2 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
Dec 23	192	Dec 24	203	Dec 26	156
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

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

Copyright © 2018 Edison Electric Institute. All rights reserved.

**EEl WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	13-Jan 2018 GWh Output	14-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	13-Jan 2018 GWh Output	14-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	13-Jan 2018 GWh Output	14-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,590	2,515	3.0%	5,513	4,962	11.1%	121,135	123,918	-2.2%
Mid-Atlantic	9,076	8,866	2.4%	19,574	17,383	12.6%	427,163	436,285	-2.1%
Central Industrial	14,146	14,096	0.4%	29,993	27,995	7.1%	660,274	676,936	-2.5%
West Central	6,751	6,560	2.9%	14,098	13,246	6.4%	326,804	330,816	-1.2%
Southeast	21,473	20,682	3.8%	48,011	42,020	14.3%	1,019,035	1,033,004	-1.4%
South Central	13,662	12,829	6.5%	29,957	26,650	12.4%	728,951	717,254	1.6%
Rocky Mountain	5,286	5,518	-4.2%	10,607	11,219	-5.5%	277,701	275,318	0.9%
Pacific Northwest	3,457	4,311	-19.8%	7,176	8,748	-18.0%	157,965	153,471	2.9%
Pacific Southwest	4,942	5,144	-3.9%	9,785	10,212	-4.2%	283,194	282,957	0.1%
Total United States ^{1/}	81,383	80,521	1.1%	174,714	162,435	7.6%	4,002,222	4,029,959	-0.7%
Coal Regions Only ^{2/}	70,394	68,551	2.7%	152,240	138,513	9.9%	3,439,928	3,469,613	-0.9%

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

January 15, 2018

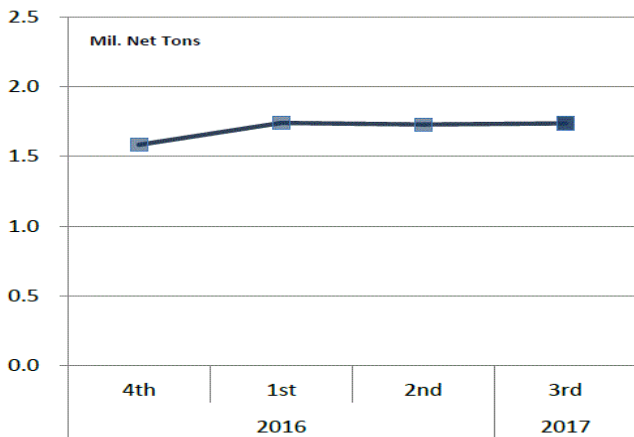
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 13</u>	<u>Jan 6</u>	
<u>Week Ending</u>				North East	203	215
				Great Lakes	656	640
January 13, 2018	1,707	3.5	73.2	Midwest	161	158
January 13, 2017	1,736	-1.7	74.5	Southern	614	570
January 6, 2017	1,649	0.7	70.7	Western	73	66
				Total	1,707	1,649
<u>Year-to-Date +</u>						
January 13, 2018	3,110	-3.5	71.9			
January 13, 2017	3,224	-	74.5			

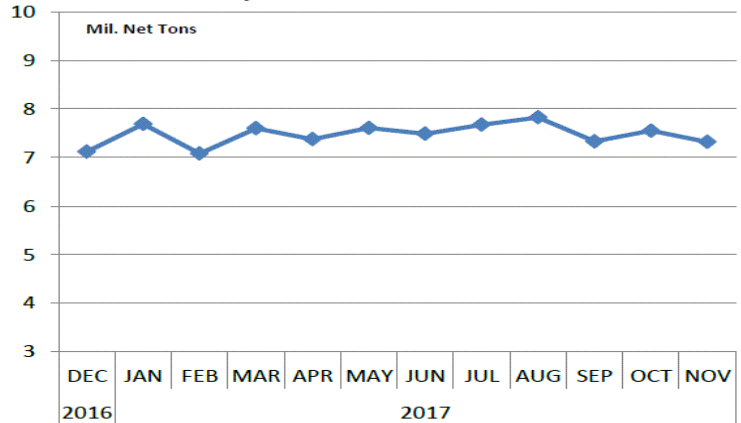
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2, 2018 – Ended January 13, 2018

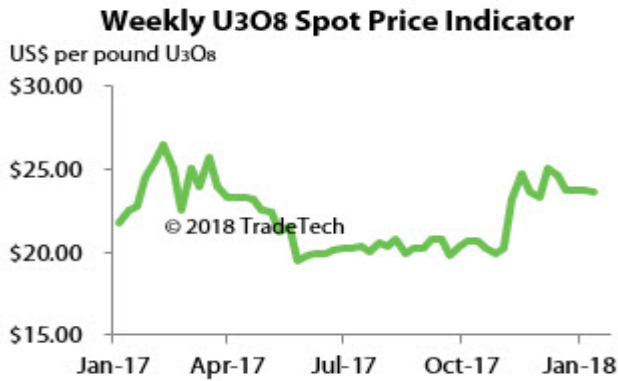
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	241,351	-4.1%	449,997	224,999	-4.6%
Chemicals	31,879	6.8%	60,117	30,059	2.9%
Coal	76,001	-10.6%	145,974	72,987	-8.5%
Farm Products excl. Grain, and Food	15,891	-5.3%	29,328	14,664	-3.9%
Forest Products	9,748	2.6%	18,359	9,180	-1.0%
Grain	21,957	-10.0%	41,595	20,798	-9.5%
Metallic Ores and Metals	20,518	-6.6%	39,639	19,820	-6.4%
Motor Vehicles and Parts	15,222	-7.8%	25,691	12,846	-7.8%
Nonmetallic Minerals	30,530	13.7%	52,402	26,201	3.0%
Petroleum and Petroleum Products	11,011	0.5%	20,651	10,326	4.0%
Other	8,594	-12.5%	16,241	8,121	-8.7%
Total Intermodal Units	270,586	5.0%	477,802	238,901	1.0%
Total Traffic	511,937	0.5%	927,799	463,900	-1.8%

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.

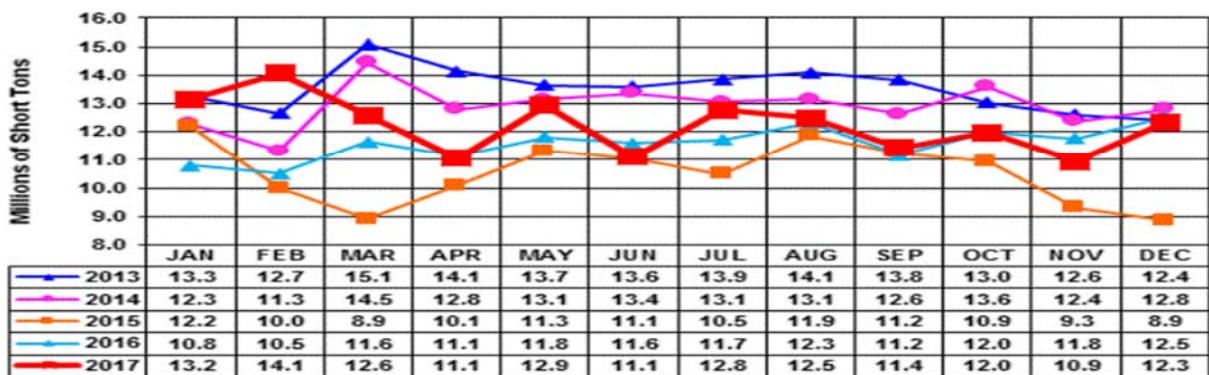
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

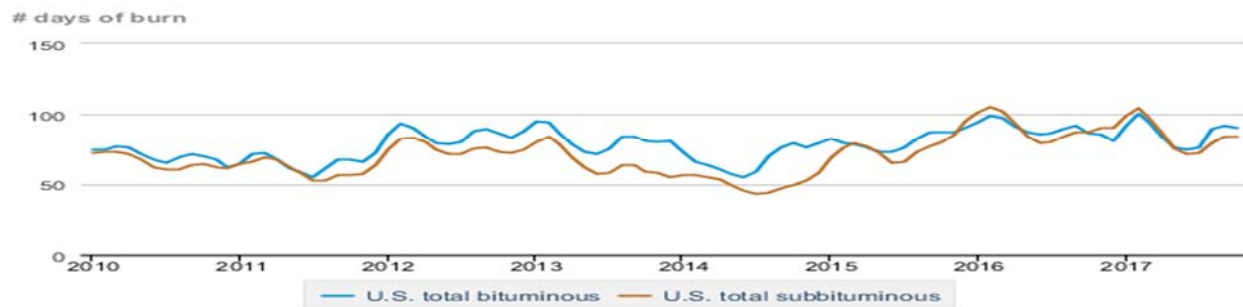
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	12/15/17	12/22/17	12/29/17	01/05/18	01/12/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.85	\$59.85	\$59.85	\$58.50	\$58.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.20	\$46.20	\$46.20	\$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	\$12.10	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.10	\$41.10	\$41.10	\$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 - October 2017



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 04)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	386	121	169	0	0	0
Middle Atlantic	362	109	161	0	0	0
E N Central	409	121	177	0	0	0
W N Central	431	119	164	0	0	0
South Atlantic	268	90	138	0	-7	-11
E S Central	284	99	162	0	-1	0
W S Central	213	75	127	0	-2	-5
Mountain	211	-26	-22	0	0	0
Pacific	75	-51	-62	0	0	0
United States	291	70	108	0	-2	-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	October 2017		October 2016		% Change of Stocks	September 2017		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,714	90	5,726	84	-17.7%	4,439	94	6.2%
	Subbituminous	146	99	136	69	7.2%	126	111	16.2%
South	Bituminous	27,570	92	27,982	83	-1.5%	27,454	96	0.4%
	Subbituminous	5,359	64	6,039	73	-11.3%	5,195	64	3.2%
Midwest	Bituminous	13,270	83	16,907	94	-21.5%	12,989	85	2.2%
	Subbituminous	37,476	84	43,096	84	-13.0%	37,284	85	0.5%
West	Bituminous	5,312	91	5,859	84	-9.3%	5,356	90	-0.8%
	Subbituminous	26,295	89	31,312	95	-16.0%	25,666	87	2.5%
U.S. Total	Bituminous	50,867	90	56,473	86	-9.9%	50,238	92	1.3%
	Subbituminous	69,276	84	80,583	87	-14.0%	68,271	84	1.5%

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

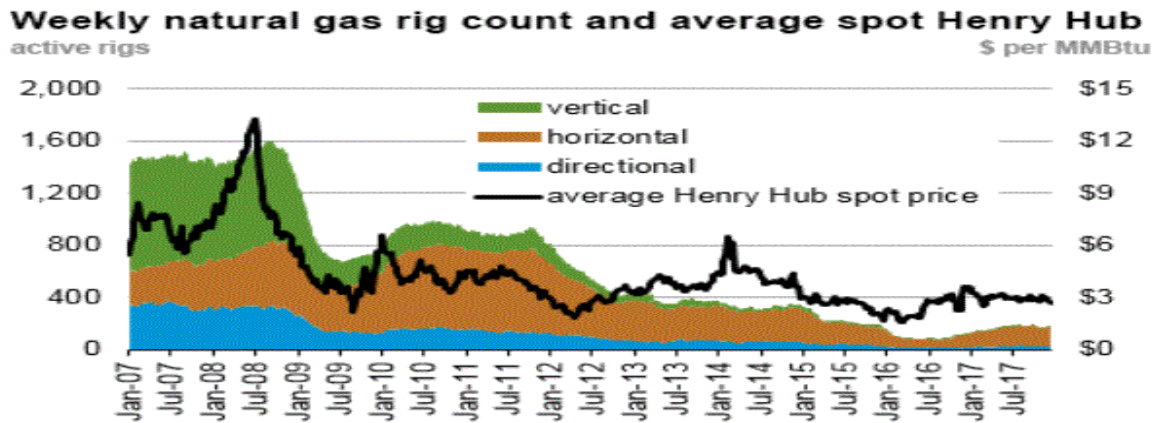
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-01-05	2017-12-29	change
East	664	740	-76
Midwest	778	875	-97
Mountain	167	183	-16
Pacific	251	268	-17
South Central	907	1,060	-153
Total	2,767	3,126	-359

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*