

National Mining Association

Weekly Statistical Summary

June 2, 2017 Edition
(Data for Week Ending May 27, 2017)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/27/17	05/21/16	% Chng	05/27/17	05/27/16	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,969	12,266	22.0%	314,317	267,329	17.6%
52 Weeks Ended	785,752	784,804	0.1%			
AAR Coal Rail Cars Loaded:	82,481	78,990	4.4%	1,713,772	1,450,685	18.1%
Coal Production Month Ended - Apr.	Apr 17/16		% Chng	Jan - Apr 17/16		% Chng
	60,077	48,115	24.9%	259,786	221,143	17.5%
DOC Coal Trade (000 Tons)						
Exports:	March 17/16		% Chng	Jan - Mar 17/16		% Chng
Metallurgical	4,079	3,596	13.4%	12,171	10,153	19.9%
Steam *	3,915	1,458	168.5%	10,052	3,769	166.7%
Lignite	5	5	0.0%	20	16	25.0%
Anthracite	17	153	-88.9%	77	226	-65.9%
Total	8,016	5,212	53.8%	22,320	14,164	57.6%
Imports:	560	1,186	-52.8%	1,915	2,698	-29.0%
	Week Ended			Cumulative Week 1 to		
	05/27/17	05/28/16	% Chng	05/27/17	05/28/16	% Chng
EI Electric Total Output (Mil. Kwh)	72,572	75,762	-4.2%	1,523,617	1,520,796	0.2%
EI Coal Region Output (Mil. Kwh)	62,460	65,773	-5.0%	1,302,124	1,304,408	-0.2%
AISI Raw Steel Output (000 Tons)	1,753	1,732	1.2%	36,418	35,375	2.9%

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)	
	05/26/17	05/19/17	% Chng	Wed.	05/24/17
Central App, 12,500 Btu, 1.2 SO ₂	\$52.55	\$52.35	0.4%	Henry Hub	3.11
Northern App, 13,000 Btu, < 3.0 SO ₂	45.65	45.50	0.3%	New York	2.90
Illinois Basin, 11,800, 5.0 SO ₂	30.95	30.95	0.0%	Chicago	3.03
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.55	11.55	0.0%	Cal.Comp.Avg.	3.05
Uinta Basin, 11,700 Btu, 0.8 SO ₂	40.35	40.35	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									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	5/27/2017 (week 21)	5/20/2017 (week 20)	5/21/2016 (week 21)	5/27/2017	5/27/2016	% Change	5/27/2017	5/21/2016	% Change
Alabama	173	150	170	3,617	3,752	-3.6	9,131	10,609	-13.9
Alaska	18	17	17	459	444	3.5	963	1,132	-14.9
Arizona	110	104	94	2,291	2,060	11.2	5,735	5,872	-2.3
Arkansas	1	1	1	19	20	-8.2	30	73	-58.9
Colorado	233	230	235	4,459	4,293	3.9	12,999	14,634	-11.2
Illinois	937	830	856	19,659	17,906	9.8	46,248	48,431	-4.5
Indiana	624	600	532	13,034	11,315	15.2	30,943	30,501	1.4
Kansas	2	2	.	51	27	91.9	51	143	-64.3
Kentucky Total	804	766	757	17,484	17,166	1.9	43,741	51,482	-15.0
Eastern (KY)	287	275	304	6,388	6,917	-7.6	16,614	22,428	-25.9
Western (KY)	516	491	453	11,096	10,249	8.3	27,128	29,054	-6.6
Louisiana	56	55	53	1,190	1,065	11.8	2,969	3,284	-9.6
Maryland	30	28	22	619	532	16.4	1,681	1,580	6.4
Mississippi	60	55	44	1,270	1,112	14.2	3,066	2,942	4.2
Missouri	7	7	5	119	82	45.4	275	151	82.1
Montana	602	555	475	12,568	11,077	13.5	34,234	35,688	-4.1
New Mexico	210	188	188	5,354	5,740	-6.7	13,116	18,184	-27.9
North Dakota	646	592	494	13,868	11,006	26.0	31,407	27,835	12.8
Ohio	261	250	249	5,984	5,805	3.1	12,972	15,244	-14.9
Oklahoma	13	13	13	295	265	11.5	674	704	-4.3
Pennsylvania Total	1,040	1,009	859	20,885	16,935	23.3	50,561	46,176	9.5
Anthracite (PA)	32	28	31	725	673	7.8	1,712	1,993	-14.1
Bituminous (PA)	1,008	981	827	20,160	16,262	24.0	48,849	44,184	10.6
Tennessee	12	11	11	311	317	-1.9	671	859	-21.9
Texas	942	892	674	20,518	15,097	35.9	45,213	37,882	19.4
Utah	320	313	266	6,784	5,411	25.4	15,349	13,825	11.0
Virginia	308	299	252	6,420	5,127	25.2	14,745	13,205	11.7
West Virginia Total	1,740	1,626	1,438	36,062	30,317	18.9	87,032	83,149	4.7
Northern (WV)	987	940	761	20,672	16,136	28.1	48,691	43,233	12.6
Southern (WV)	753	685	677	15,390	14,181	8.5	38,341	39,916	-3.9
Wyoming	5,819	5,746	4,559	120,997	100,459	20.4	321,946	321,222	0.2
Appalachian Total	3,852	3,648	3,304	80,286	69,703	15.2	193,407	193,250	0.1
Interior Total	3,158	2,946	2,633	67,251	57,137	17.7	156,596	153,164	2.2
Western Total	7,959	7,746	6,329	166,779	140,488	18.7	435,749	438,391	-0.6
East of Mississippi River	5,990	5,624	5,191	125,346	110,285	13.7	300,791	304,177	-1.1
West of Mississippi River	8,980	8,715	7,075	188,972	157,043	20.3	484,961	480,627	0.9
Bituminous and Lignite	14,938	14,311	12,235	313,592	266,656	17.6	784,040	782,811	0.2
Anthracite	32	28	31	725	673	7.8	1,712	1,993	-14.1
U.S. Total	14,969	14,339	12,266	314,317	267,329	17.6	785,752	784,804	0.1
Railroad Cars Loaded	82,481	78,990	66,709	1,713,772	1,450,685	18.1	4,434,664	4,428,650	0.1

Source: Energy Information Administration



Weekly Electric Output

Volume 85 No. 21

OUTPUT FOR WEEK ENDED - May 27, 2017

Jun 01, 2017

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **May 27, 2017** was **72,572** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **176** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 27		52 Weeks Ended May 27	
	GWh Output	% Increase Over Corresponding Week of 2016	GWh Output	% Increase Over Corresponding Period of 2016
New England	2,022	-10.7	123,558	0.3
Mid-Atlantic	7,079	-12.8	434,972	1.4
Central Industrial	11,327	-12.6	672,104	1.9
West Central	5,528	-10.0	329,873	1.2
Southeast	19,340	-3.5	1,026,632	2.1
South Central	13,902	-1.6	723,479	3.1
Rocky Mountain	5,284	20.2	277,933	0.2
Pacific Northwest	2,684	2.9	157,943	3.1
Pacific Southwest	5,406	5.6	282,720	-0.7
Total United States	72,572	-4.2	4,029,214	1.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2017	Week Ended	2016	% Inc. (17/16)	52 Weeks Ended	2017	% Inc. (17/16)
May 06	69,270	May 07	67,743	2.3	May 06	4,025,804	1.6
May 13	69,261	May 14	70,324	-1.5	May 13	4,024,741	1.6
May 20	76,445	May 21	68,783	11.1	May 20	4,032,404	1.8
May 27	72,572	May 28	75,762	-4.2	May 27	4,029,214	1.8
May 27	1,523,617	May 28	1,520,796	0.2	YEAR TO DATE, FIRST 21 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2017	Week Ended	2016	Week Ended	2015
May 06	173	May 07	168	May 09	165
May 13	169	May 14	174	May 16	169
May 20	187	May 21	161	May 23	165
May 27	176	May 28	170	May 30	182

* 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-May	28-May	% Increase Over Corresponding Week of 2016	27-May	28-May	% Increase Over Corresponding Week of 2016	27-May	28-May	% Increase Over Corresponding Week of 2016
	2017	2016		2017	2016		2017	2016	
	GWh Output	GWh Output		GWh Output	GWh Output		GWh Output	GWh Output	
New England	2,022	2,264	-10.7%	47,359	47,772	-0.9%	123,558	123,232	0.3%
Mid-Atlantic	7,079	8,120	-12.8%	163,311	164,422	-0.7%	434,972	428,865	1.4%
Central Industrial	11,327	12,957	-12.6%	259,474	264,206	-1.8%	672,104	659,276	1.9%
West Central	5,528	6,141	-10.0%	124,440	125,323	-0.7%	329,873	325,914	1.2%
Southeast	19,340	20,034	-3.5%	386,889	392,218	-1.4%	1,026,632	1,005,098	2.1%
South Central	13,902	14,126	-1.6%	265,479	258,334	2.8%	723,479	702,043	3.1%
Rocky Mountain	5,284	4,395	20.2%	102,531	99,905	2.6%	277,933	277,477	0.2%
Pacific Northwest	2,684	2,608	2.9%	69,352	63,634	9.0%	157,943	153,164	3.1%
Pacific Southwest	5,406	5,117	5.6%	104,782	104,982	-0.2%	282,720	284,771	-0.7%
Total United States ^{1/}	<u>72,572</u>	<u>75,762</u>	-4.2%	<u>1,523,617</u>	<u>1,520,796</u>	<u>0.2%</u>	4,029,214	3,959,840	1.8%
Coal Regions Only ^{2/}	62,460	65,773	-5.0%	1,302,124	1,304,408	-0.2%	3,464,993	3,398,673	2.0%

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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May 30, 2017

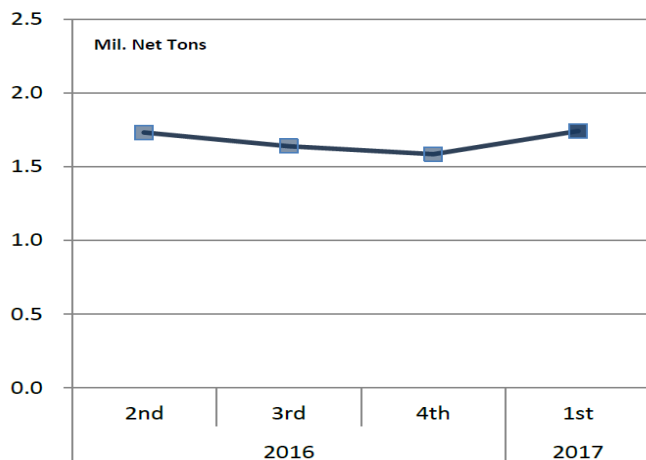
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 May 27</u>	<u>Week Ending May 20</u>	
<u>Week Ending</u>				North East	214	213
				Great Lakes	651	646
May 27, 2017	1,753	0.7	75.2	Midwest	166	163
May 27, 2016	1,732	1.2	74.1	Southern	644	651
May 20, 2017	1,741	0.8	74.7	Western	78	68
				Total	1,753	1,741
<u>Year-to-Date +</u>						
May 27, 2017	36,418	2.9	74.4			
May 27, 2016	35,375	-	72.1			

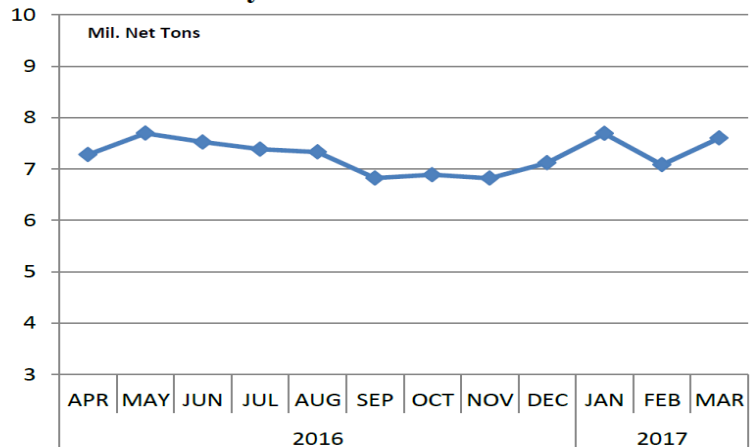
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2016 is approximately 31.2 million net tons vs. 31.4 million net tons for the same period last year, and 30.7 million tons for the third quarter of 2016.

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

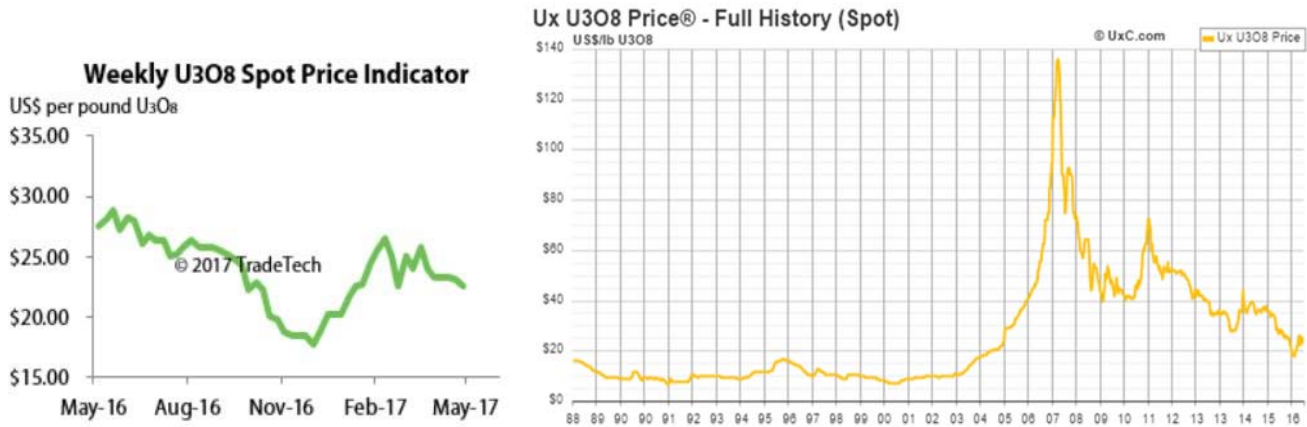


Source: Kitco website - www.kitco.com/connecting.html

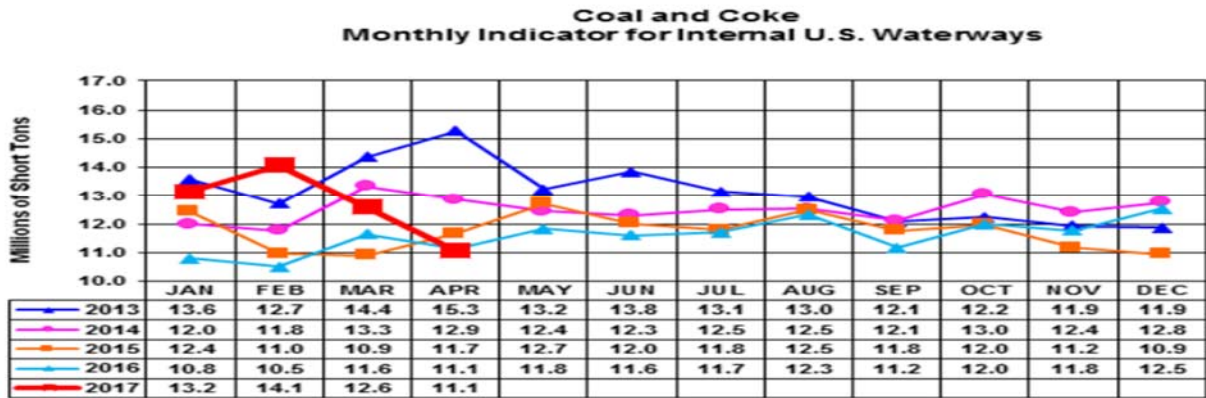


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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



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
	04/28/17	05/05/17	05/12/17	05/19/17	05/26/17	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$52.45	\$52.45	\$52.35	\$52.35	\$52.55	\$0.20
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.60	\$45.60	\$45.50	\$45.50	\$45.65	\$0.15
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$30.95	\$30.95	\$30.95	\$30.95	\$30.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.55	\$11.55	\$11.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.00	\$41.00	\$40.35	\$40.35	\$40.35	\$0.00

Source: Energy Information Administration (with permission from SNL), *Coal News and Markets Report*

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending May 18)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	63	1	5	15	14	15
Middle Atlantic	46	-3	-16	18	14	18
E N Central	26	-29	-52	22	11	21
W N Central	24	-24	-63	23	10	21
South Atlantic	16	-3	-15	56	17	12
E S Central	6	-12	-23	47	18	18
W S Central	2	-2	-5	64	9	11
Mountain	64	3	1	12	-7	-13
Pacific	64	25	51	0	-7	-4
United States	35	-6	-14	30	10	11

Note: HDD = heating degree day; CDD = cooling degree day

Source: National Oceanic and Atmospheric Administration

Source: Energy Information Administration

USGS Production of Selected Mineral Commodities	2016 Year to Date - 4th Quarter	2015 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	896.0	916.0	-2%
Cement (Mil. Mt.)	82.7	81.9	1%
Copper (000 Mt.)	1,430.0	1,410.0	1%
Gold (Mt.)	236.0	214.0	10%
Gypsum (Mil. Mt.)	16.4	15.0	9%
Iron Ore (Mil. Mt.)	39.9	43.1	-7%
Lead (000 Mt.)	330.0	358.0	-8%
Molybdenum (000 Mt.)	35.8	50.6	-29%
Phosphate rock (Mil. Mt.)	27.3	27.4	0%
Sand & gravel, construction (Mil. Mt.)	959.0	937.0	2%
Silver (Mt.)	1,150.0	1,090.0	6%
Soda ash (Mil. Mt.)	11.8	11.6	2%
Stone, crushed (Mil. Mt.)	1,370.0	1,330.0	3%
Zinc (000 Mt.)	772.0	797.0	-3%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2016 data are preliminary estimates.

Natural gas spot prices (Henry Hub)



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

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	March 2017		March 2016		% Change of Stocks	February 2017		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,583	84	7,186	111	-36.2%	5,229	92	-12.3%
	Subbituminous	145	251	171	208	-15.3%	159	168	-9.1%
South	Bituminous	31,894	93	36,331	97	-12.2%	31,517	100	1.2%
	Subbituminous	6,222	80	7,951	95	-21.7%	6,144	88	1.3%
Midwest	Bituminous	15,271	97	18,005	100	-15.2%	15,017	100	1.7%
	Subbituminous	43,570	98	46,917	94	-7.1%	43,181	104	0.9%
West	Bituminous	5,937	100	4,965	76	19.6%	5,732	103	3.6%
	Subbituminous	31,500	100	42,069	114	-25.1%	30,470	108	3.4%
U.S. Total	Bituminous	57,685	94	66,487	97	-13.2%	57,495	100	0.3%
	Subbituminous	81,438	97	97,107	102	-16.1%	79,955	104	1.9%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

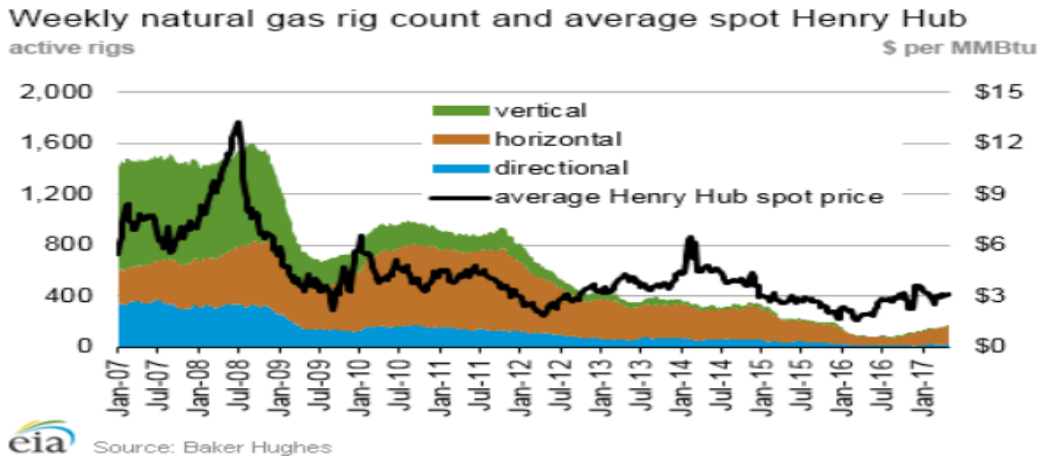
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2017-05-19	2017-05-12	change
East	390	367	23
Midwest	562	540	22
Mountain	166	161	5
Pacific	250	244	6
South Central	1,076	1,057	19
Total	2,444	2,369	75

Source: U.S. Energy Information Administration

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

EIA Natural Gas Rig Count and Price Trend



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		
	May 2017	June 2017	change	May 2017	June 2017	change
Bakken	1,130	1,138	8	1,524	1,528	4
Eagle Ford	1,448	1,448	-	4,611	4,615	4
Haynesville	33	33	-	7,332	7,398	66
Marcellus	70	70	-	13,387	13,427	40
Niobrara	1,288	1,288	-	4,420	4,621	101
Permian	640	630	(10)	1,104	1,084	(20)
Utica	234	250	16	10,559	10,648	89
Rig-weighted average	727	724	(3)	3,567	3,544	(23)

Source: Energy Information Administration, *Drilling Productivity Report*