

National Mining Association

Weekly Statistical Summary

June 30, 2017 Edition
(Data for Week Ending June 24, 2017)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 55, No. 25
Dated 06/30/17

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/24/17	06/18/16	% Chng	06/24/17	06/24/16	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,595	13,902	12.2%	376,195	321,184	17.1%
52 Weeks Ended	795,644	774,490	2.7%			
AAR Coal Rail Cars Loaded:	85,975	75,606	13.7%	2,054,852	1,743,574	17.9%
Coal Production Month Ended - May	May 17/16		% Chng	Jan - May 17/16		% Chng
	63,066	53,012	19.0%	322,852	274,154	17.8%
DOC Coal Trade (000 Tons)						
Exports:	April 17/16		% Chng	Jan - Apr 17/16		% Chng
Metallurgical	4,611	3,363	37.1%	16,782	13,516	24.2%
Steam *	2,590	1,205	114.9%	12,643	4,975	154.1%
Lignite	5	7	-28.6%	25	23	8.7%
Anthracite	33	12	175.0%	110	238	-53.8%
Total	7,239	4,587	57.8%	29,560	18,752	57.6%
Imports:	493	740	-33.4%	2,408	3,438	-30.0%
	Week Ended			Cumulative Week 1 to		
	06/24/17	06/18/16	% Chng	06/24/17	06/18/16	% Chng
EI Electric Total Output (Mil. Kwh)	87,167	88,590	-1.6%	1,850,906	1,853,635	-0.1%
EI Coal Region Output (Mil. Kwh)	74,968	77,014	-2.7%	1,586,461	1,593,778	-0.5%
AISI Raw Steel Output (000 Tons)	1,729	1,755	-1.5%	43,353	42,383	2.3%

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)	
	06/23/17	06/16/17	% Chng	Wed.	06/21/17
Central App, 12,500 Btu, 1.2 SO ₂	\$52.55	\$52.35	0.4%	Henry Hub	2.88
Northern App, 13,000 Btu, < 3.0 SO ₂	45.65	45.50	0.3%	New York	2.36
Illinois Basin, 11,800, 5.0 SO ₂	30.95	30.95	0.0%	Chicago	2.80
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.55	11.55	0.0%	Cal.Comp.Avg.	3.09
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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	6/24/2017 (week 25)	6/17/2017 (week 24)	6/18/2016 (week 25)	6/24/2017	6/24/2016	% Change	6/24/2017	6/18/2016	% Change
Alabama	188	183	193	4,331	4,498	-3.7	9,124	10,299	-11.4
Alaska	17	19	20	530	520	1.9	959	1,105	-13.2
Arizona	116	116	107	2,747	2,474	11.0	5,791	5,711	1.4
Arkansas	1	1	1	22	25	-14.7	28	70	-60.0
Colorado	239	246	267	5,422	5,326	1.8	12,964	14,143	-8.3
Illinois	1,017	988	971	23,538	21,666	8.6	46,497	48,132	-3.4
Indiana	637	659	603	15,590	13,651	14.2	31,244	30,242	3.3
Kansas	2	2	.	61	27	127.7	61	129	-52.7
Kentucky Total	813	848	858	20,755	20,490	1.3	43,803	50,050	-12.5
Eastern (KY)	285	303	344	7,549	8,250	-8.5	16,487	21,535	-23.4
Western (KY)	528	545	514	13,206	12,240	7.9	27,316	28,515	-4.2
Louisiana	56	59	60	1,419	1,298	9.3	2,972	3,308	-10.2
Maryland	33	32	25	747	630	18.5	1,714	1,532	11.9
Mississippi	63	63	50	1,517	1,308	16.0	3,124	2,891	8.1
Missouri	7	7	6	146	104	40.1	281	161	74.5
Montana	664	635	538	15,104	13,160	14.8	34,759	34,831	-0.2
New Mexico	212	221	213	6,194	6,565	-5.6	13,160	17,431	-24.5
North Dakota	686	681	560	16,534	13,174	25.5	31,980	27,923	14.5
Ohio	255	275	282	7,030	6,896	1.9	12,964	15,129	-14.3
Oklahoma	13	14	14	349	320	9.0	674	696	-3.2
Pennsylvania Total	1,066	1,097	973	25,164	20,706	21.5	51,200	46,306	10.6
Anthracite (PA)	34	33	36	856	810	5.6	1,710	1,974	-13.4
Bituminous (PA)	1,032	1,064	938	24,308	19,895	22.2	49,491	44,332	11.6
Tennessee	12	13	13	360	367	-1.9	672	839	-19.9
Texas	978	994	764	24,394	18,056	35.1	46,232	38,514	20.0
Utah	319	338	302	8,086	6,581	22.9	15,522	13,901	11.7
Virginia	314	325	285	7,683	6,232	23.3	14,941	13,195	13.2
West Virginia Total	1,848	1,836	1,630	43,278	36,632	18.1	88,153	82,353	7.0
Northern (WV)	1,038	1,042	863	24,765	19,478	27.1	49,559	43,229	14.6
Southern (WV)	810	794	768	18,513	17,154	7.9	38,594	39,124	-1.4
Wyoming	6,041	6,140	5,167	145,195	120,476	20.5	326,821	315,598	3.6
Appalachian Total	4,001	4,065	3,745	96,140	84,211	14.2	195,256	191,189	2.1
Interior Total	3,301	3,332	2,984	80,242	68,695	16.8	158,430	152,658	3.8
Western Total	8,293	8,397	7,174	199,813	168,278	18.7	441,957	430,643	2.6
East of Mississippi River	6,245	6,320	5,883	149,992	133,076	12.7	303,438	300,968	0.8
West of Mississippi River	9,349	9,475	8,019	226,203	188,108	20.3	492,205	473,522	3.9
Bituminous and Lignite	15,560	15,761	13,867	375,340	320,374	17.2	793,934	772,515	2.8
Anthracite	34	33	36	856	810	5.6	1,710	1,974	-13.4
U.S. Total	15,595	15,794	13,902	376,195	321,184	17.1	795,644	774,490	2.7
Railroad Cars Loaded	85,975	87,066	75,606	2,054,852	1,743,574	17.9	4,493,019	4,350,215	3.3

Source: Energy Information Administration



Weekly Electric Output

Volume 85 No. 25

OUTPUT FOR WEEK ENDED - Jun 24, 2017

Jun 28, 2017

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 24, 2017 was 87,167 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 188 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 24		52 Weeks Ended June 24	
	GWh Output	% Increase Over Corresponding Week of 2016	GWh Output	% Increase Over Corresponding Period of 2016
New England	2,657	7.1	123,543	0.4
Mid-Atlantic	9,659	5.0	434,276	1.6
Central Industrial	13,807	-6.7	670,988	1.4
West Central	6,713	-12.5	329,068	0.6
Southeast	21,398	-2.7	1,023,556	1.9
South Central	16,732	-1.0	724,189	3.0
Rocky Mountain	6,659	3.2	277,884	0.1
Pacific Northwest	2,726	5.9	157,992	3.3
Pacific Southwest	6,816	4.5	282,167	-0.9
Total United States	87,167	-1.6	4,023,663	1.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2017	Week Ended	2016	% Inc. (17/16)	52 Weeks Ended	2017	% Inc. (17/16)
Jun 03	74,591	Jun 04	78,248	-4.7	Jun 03	4,025,557	1.6
Jun 10	77,385	Jun 11	81,077	-4.6	Jun 10	4,021,865	1.5
Jun 17	88,147	Jun 18	84,925	3.8	Jun 17	4,025,087	1.6
Jun 24	87,167	Jun 25	88,590	-1.6	Jun 24	4,023,664	1.6
Jun 24	1,850,906	Jun 25	1,853,635	-0.1	YEAR TO DATE, FIRST 25 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2017	Week Ended	2016	Week Ended	2015
Jun 03	174	Jun 04	171	Jun 06	179
Jun 10	175	Jun 11	171	Jun 13	197
Jun 17	193	Jun 18	175	Jun 20	199
Jun 24	188	Jun 25	178	Jun 27	209

* 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		
	24-Jun	25-Jun	% Increase Over Corresponding Week of 2016	24-Jun	25-Jun	% Increase Over Corresponding Week of 2016	24-Jun	25-Jun	% 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	2,657	2,480	7.1%	56,691	57,118	-0.7%	123,543	123,083	0.4%
Mid-Atlantic	9,659	9,196	5.0%	197,263	199,071	-0.9%	434,276	427,418	1.6%
Central Industrial	13,807	14,796	-6.7%	313,654	319,502	-1.8%	670,988	661,631	1.4%
West Central	6,713	7,674	-12.5%	151,410	153,098	-1.1%	329,068	327,009	0.6%
Southeast	21,398	21,988	-2.7%	470,174	478,579	-1.8%	1,023,556	1,004,496	1.9%
South Central	16,732	16,906	-1.0%	328,360	320,504	2.5%	724,189	702,931	3.0%
Rocky Mountain	6,659	6,454	3.2%	125,600	123,024	2.1%	277,884	277,666	0.1%
Pacific Northwest	2,726	2,574	5.9%	79,986	74,218	7.8%	157,992	152,886	3.3%
Pacific Southwest	6,816	6,522	4.5%	127,769	128,522	-0.6%	282,167	284,839	-0.9%
Total United States ^{1/}	<u>87,167</u>	<u>88,590</u>	-1.6%	<u>1,850,907</u>	<u>1,853,636</u>	-0.1%	4,023,663	3,961,959	1.6%
Coal Regions Only ^{2/}	74,968	77,014	-2.7%	1,586,461	1,593,778	-0.5%	3,459,961	3,401,151	1.7%

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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June 26, 2017

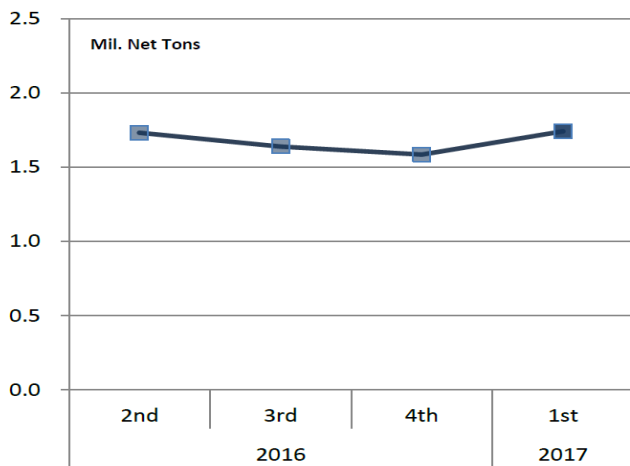
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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</u>		
				<u>Jun 24</u>	<u>Jun 17</u>	
<u>Week Ending</u>				North East	210	206
				Great Lakes	642	660
June 24, 2017	1,729	-0.6	74.2	Midwest	167	161
June 24, 2016	1,755	-1.5	75.1	Southern	633	638
June 17, 2017	1,739	1.2	74.6	Western	<u>77</u>	<u>74</u>
				Total	1,729	1,739
<u>Year-to-Date +</u>						
June 24, 2017	43,353	2.3	74.4			
June 24, 2016	42,383	-	72.6			

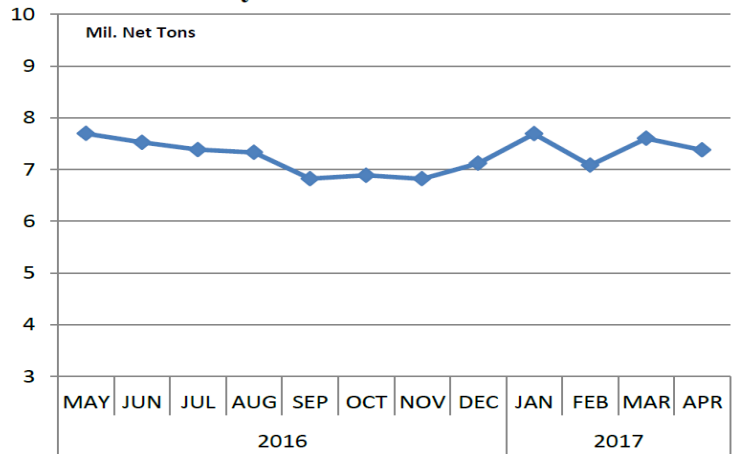
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2017 is approximately 30.3 million net tons vs. 30.4 million net tons for the same period last year, and 30.0 million tons for the first 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

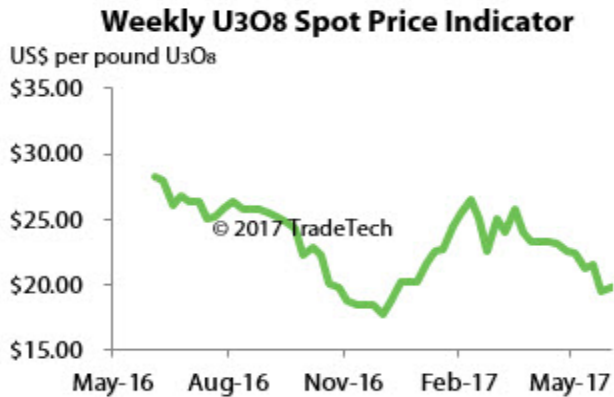


Source: Kitco website - www.kitco.com/connecting.html



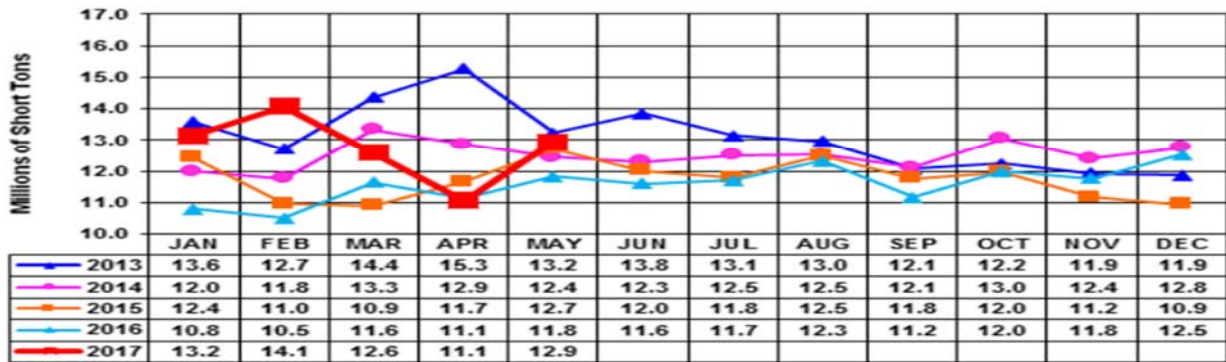
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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

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



Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

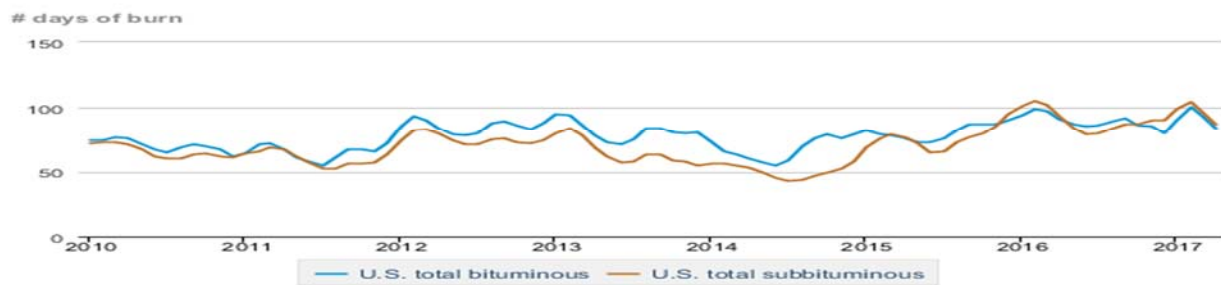
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	05/26/17	06/02/17	06/09/17	06/16/17	06/23/17	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$52.55	\$52.35	\$52.35	\$52.35	\$52.55	\$0.20
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.65	\$45.50	\$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	\$11.55	\$11.55	\$11.55	\$11.55	\$11.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$40.35	\$40.35	\$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 - April 2017



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jun 15)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	6	-10	-22	43	32	41
Middle Atlantic	2	-9	-15	57	34	47
E N Central	1	-13	-12	76	45	40
W N Central	1	-12	-2	75	34	2
South Atlantic	0	-2	-1	83	12	0
E S Central	1	0	0	75	10	-5
W S Central	0	0	0	108	11	-3
Mountain	14	-10	9	45	-4	-17
Pacific	26	8	17	7	-13	-4
United States	6	-5	-3	64	18	13

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	2017 Year to Date - 1st Quarter	2016 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	244.0	242.0	1%
Cement (Mil. Mt.)	17.0	16.9	1%
Copper (000 Mt.)	324.0	362.0	-10%
Gold (Mt.)	56.5	51.6	9%
Gypsum (Mil. Mt.)	4.0	4.1	-2%
Iron Ore (Mil. Mt.)	10.4	9.2	13%
Lead (000 Mt.)	83.2	91.8	-9%
Molybdenum (000 Mt.)	9.9	8.7	14%
Phosphate rock (Mil. Mt.)	6.7	6.2	8%
Sand & gravel, construction (Mil. Mt.)	165.0	172.0	-4%
Silver (Mt.)	303.0	286.0	6%
Soda ash (Mil. Mt.)	2.9	2.9	0%
Stone, crushed (Mil. Mt.)	261.0	267.0	-2%
Zinc (000 Mt.)	169.0	204.0	-17%

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: 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	April 2017		April 2016			March 2017		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	4,712	81	7,662	117	-38.5%	4,583	84	2.8%
	Subbituminous	145	226	171	184	-15.3%	145	251	0.0%
South	Bituminous	32,491	82	37,153	88	-12.5%	31,894	93	1.9%
	Subbituminous	6,518	71	7,838	86	-16.8%	6,222	80	4.8%
Midwest	Bituminous	15,362	89	18,387	95	-16.4%	15,271	97	0.6%
	Subbituminous	43,658	88	46,733	86	-6.6%	43,570	98	0.2%
West	Bituminous	5,924	90	5,587	76	6.0%	5,937	100	-0.2%
	Subbituminous	32,205	89	41,393	103	-22.2%	31,500	100	2.2%
U.S. Total	Bituminous	58,489	84	68,788	91	-15.0%	57,685	94	1.4%
	Subbituminous	82,525	87	96,135	93	-14.2%	81,438	97	1.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

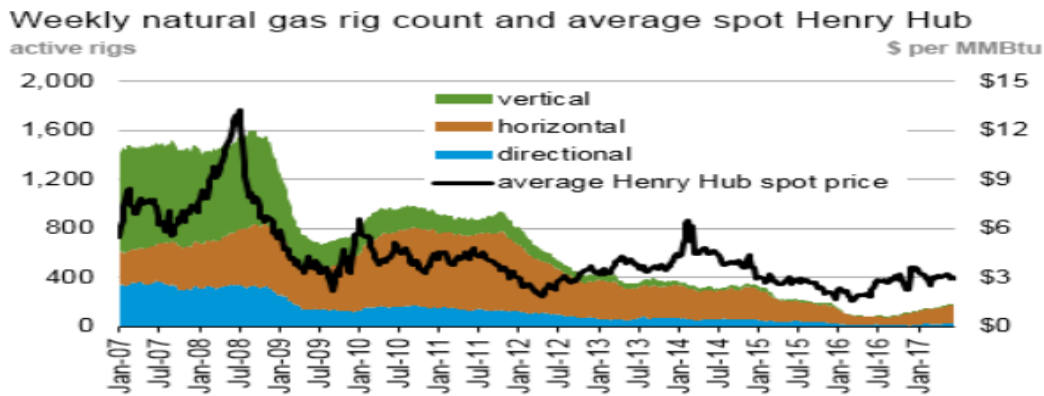
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2017-06-16	2017-06-09	change
East	513	491	22
Midwest	656	634	22
Mountain	182	177	5
Pacific	281	274	7
South Central	1,138	1,133	5
Total	2,770	2,709	61

Source: U.S. Energy Information Administration

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

EIA Natural Gas Rig Count and Price Trend



eia 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		
	June 2017	July 2017	change	June 2017	July 2017	change
Bakken	1,151	1,152	1	1,528	1,529	1
Eagle Ford	1,451	1,451	-	4,615	4,626	11
Haynesville	33	33	-	7,398	7,463	65
Marcellus	70	70	-	13,430	13,472	42
Niobrara	1,288	1,288	-	4,469	4,550	81
Permian	617	602	(15)	1,038	1,013	(25)
Utica	225	237	12	10,647	10,726	79
Rig-weighted average	718	719	1	3,510	3,470	(40)

Source: Energy Information Administration, *Drilling Productivity Report*