

---

National Mining Association

# Weekly Statistical Summary

June 3, 2016 Edition  
(Data for Week Ending May 28, 2016)

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. 54, No. 22  
Dated 06/03/16

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/28/16	05/30/15	% Chng	05/28/16	05/28/15	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	11,547	15,083	-23.4%	256,742	378,795	-32.2%
52 Weeks Ended	769,660	971,021	-20.7%			
AAR Coal Rail Cars Loaded:	65,832	66,709	-1.3%	1,459,245	2,181,983	-33.1%
Coal Production Month Ended - Apr	<b>Apr 16/15</b>		<b>% Chng</b>	<b>Jan - Apr 16/15</b>		<b>% Chng</b>
	46,040	74,704	-38.4%	211,174	314,892	-32.9%

## DOC Bituminous Coal Trade (000 Tons)

Exports:	Mar 16/15			Jan - Mar 16/15		
			% Chng			% Chng
Metallurgical	3,596	5,298	-32.1%	10,153	13,516	-24.9%
Steam (bit.) *	1,458	2,297	-36.5%	3,769	8,370	-55.0%
Lignite	5	4	25.0%	16	15	6.7%
Anthracite	153	16	856.3%	226	89	153.9%
<b>Total</b>	<b>5,212</b>	<b>7,615</b>	<b>-31.6%</b>	<b>14,164</b>	<b>21,990</b>	<b>-35.6%</b>
Imports:	1,186	850	39.5%	2,698	3,009	-10.3%

	Week Ended			Cumulative Jan 1 to		
	05/28/16	05/30/15	% Chng	05/28/16	05/30/15	% Chng
EI Electric Total Output (Mil. Kwh)	75,762	75,282	0.6%	1,595,149	1,654,696	-3.6%
EI Coal Region Output (Mil. Kwh)	65,773	65,226	0.8%	1,367,435	1,424,086	-4.0%
AISI Raw Steel Output (000 Tons)	1,775	1,704	4.2%	37,015	37,307	-0.8%

## EIA (SNL ENERGY) AVERAGE COAL SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	05/27/16	05/20/16	% Chng	Wed.	05/25/16
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$40.50	\$40.50	0.0%	Henry Hub	1.77
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	42.10	43.55	-3.3%	New York	1.62
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	31.70	31.70	0.0%	Chicago	1.77
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	8.80	9.35	-5.9%	Cal.Comp.Avg.	1.72
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	37.50	37.80	-0.8%		

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



<b>EIA Estimated Weekly U.S. Coal Production Overview</b>									
<b>Coal-Producing Region &amp; State (thousand short tons)</b>	<b>Week Ended</b>			<b>Year to Date</b>			<b>52 Weeks Ended</b>		
	<b>5/28/2016 (week 22)</b>	<b>5/21/2016 (week 21)</b>	<b>5/30/2015 (week 22)</b>	<b>5/28/2016</b>	<b>5/28/2015</b>	<b>% Change</b>	<b>5/28/2016</b>	<b>5/30/2015</b>	<b>% Change</b>
Alabama	169	169	251	3,923	6,336	-38.1	10,552	15,913	-33.7
Alaska	14	16	25	307	492	-37.6	1,002	1,322	-24.2
Arizona	89	93	137	2,033	3,010	-32.5	5,789	7,878	-26.5
Arkansas	1	1	2	33	39	-15.0	85	101	-15.8
Colorado	229	236	363	5,334	8,597	-38.0	15,358	23,008	-33.2
Illinois	749	761	955	17,678	25,585	-30.9	47,971	60,475	-20.7
Indiana	446	457	613	10,108	15,094	-33.0	29,271	38,113	-23.2
Kansas	3	3	4	71	86	-17.1	184	143	28.7
<b>Kentucky Total</b>	<b>744</b>	<b>772</b>	<b>1,127</b>	<b>16,949</b>	<b>27,185</b>	<b>-37.7</b>	<b>50,792</b>	<b>71,967</b>	<b>-29.4</b>
Eastern (KY)	322	337	527	7,456	12,523	-40.5	22,705	34,233	-33.7
Western (KY)	422	435	600	9,493	14,662	-35.3	28,087	37,734	-25.6
Louisiana	56	50	49	1,118	1,210	-7.6	3,333	3,501	-4.8
Maryland	28	29	35	619	880	-29.6	1,879	2,043	-8.0
Mississippi	43	43	58	859	1,318	-34.8	2,669	3,442	-22.5
Missouri	2	2	3	39	67	-41.9	109	292	-62.7
Montana	547	545	699	12,472	17,349	-28.1	36,791	45,730	-19.5
New Mexico	273	269	353	5,108	7,124	-28.3	17,226	19,468	-11.5
North Dakota	410	413	489	8,652	11,900	-27.3	25,417	28,593	-11.1
Ohio	195	201	285	4,546	7,747	-41.3	13,914	20,255	-31.3
Oklahoma	10	11	15	221	340	-35.2	656	844	-22.3
<b>Pennsylvania Total</b>	<b>651</b>	<b>648</b>	<b>856</b>	<b>14,205</b>	<b>21,595</b>	<b>-34.2</b>	<b>43,640</b>	<b>57,533</b>	<b>-24.1</b>
Anthracite (PA)	33	33	37	667	811	-17.8	1,990	2,008	-0.9
Bituminous (PA)	618	615	819	13,538	20,784	-34.9	41,650	55,525	-25.0
Tennessee	12	13	16	268	353	-24.0	760	881	-13.7
Texas	430	398	478	8,342	12,358	-32.5	30,874	38,889	-20.6
Utah	190	189	257	3,994	5,962	-33.0	12,786	16,448	-22.3
Virginia	179	188	254	3,974	6,019	-34.0	11,740	14,753	-20.4
<b>West Virginia Total</b>	<b>1,200</b>	<b>1,223</b>	<b>1,680</b>	<b>27,164</b>	<b>42,678</b>	<b>-36.4</b>	<b>79,538</b>	<b>107,360</b>	<b>-25.9</b>
Northern (WV)	617	641	787	14,027	20,465	-31.5	40,989	48,836	-16.1
Southern (WV)	583	582	893	13,137	22,212	-40.9	38,549	58,524	-34.1
Wyoming	4,876	4,971	6,081	108,725	155,472	-30.1	327,323	392,067	-16.5
<b>Appalachian Total</b>	<b>2,756</b>	<b>2,808</b>	<b>3,904</b>	<b>62,155</b>	<b>98,131</b>	<b>-36.7</b>	<b>184,729</b>	<b>252,971</b>	<b>-27.0</b>
<b>Interior Total</b>	<b>2,163</b>	<b>2,161</b>	<b>2,777</b>	<b>47,961</b>	<b>70,758</b>	<b>-32.2</b>	<b>143,240</b>	<b>183,535</b>	<b>-22.0</b>
<b>Western Total</b>	<b>6,628</b>	<b>6,733</b>	<b>8,402</b>	<b>146,625</b>	<b>209,906</b>	<b>-30.1</b>	<b>441,691</b>	<b>534,515</b>	<b>-17.4</b>
<b>East of Mississippi River</b>	<b>4,417</b>	<b>4,504</b>	<b>6,130</b>	<b>100,293</b>	<b>154,789</b>	<b>-35.2</b>	<b>292,727</b>	<b>392,735</b>	<b>-25.5</b>
<b>West of Mississippi River</b>	<b>7,131</b>	<b>7,198</b>	<b>8,952</b>	<b>156,449</b>	<b>224,005</b>	<b>-30.2</b>	<b>476,933</b>	<b>578,286</b>	<b>-17.5</b>
Bituminous and Lignite	11,514	11,669	15,046	256,075	377,984	-32.3	767,670	969,013	-20.8
Anthracite	33	33	37	667	811	-17.8	1,990	2,008	-0.9
<b>U.S. Total</b>	<b>11,547</b>	<b>11,702</b>	<b>15,083</b>	<b>256,742</b>	<b>378,795</b>	<b>-32.2</b>	<b>769,660</b>	<b>971,021</b>	<b>-20.7</b>
Railroad Cars Loaded	65,832	66,709	88,025	1,459,245	2,181,983	-33.1	4,406,459	5,650,535	-22.0

Source: Energy Information Administration



Volume 84 No. 22

**OUTPUT FOR WEEK ENDED - May 28, 2016**

Jun 02, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **May 28, 2016** was **75,762** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **170** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended May 28		52 Weeks Ended May 28	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,264	-5.1	123,232	-3.3
Mid-Atlantic	8,120	-6.5	428,865	-3.4
Central Industrial	12,957	3.5	659,276	-3.4
West Central	6,141	5.9	325,914	-0.9
Southeast	20,034	-2.0	1,005,098	-1.2
South Central	14,126	7.2	702,043	0.2
Rocky Mountain	4,395	-4.4	277,477	1.7
Pacific Northwest	2,608	3.1	153,164	0.8
Pacific Southwest	5,117	-0.5	284,771	0.4
Total United States	75,762	0.6	3,959,840	-1.2

**WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh**

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
May 07	67,743	May 09	70,634	-4.1	May 07	3,963,761	-1.2
May 14	70,324	May 16	71,779	-2.0	May 14	3,962,306	-1.2
May 21	68,783	May 23	71,728	-4.1	May 21	3,959,361	-1.3
May 28	75,762	May 30	75,282	0.6	May 28	3,959,840	-1.2
<b>May 28</b>	<b>1,595,149</b>	<b>May 30</b>	<b>1,654,696</b>	<b>-3.6</b>	<b>YEAR TO DATE, FIRST 22 WEEKS</b>		

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

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2016	Week Ended	2015	Week Ended	2014
May 07	168	May 09	165	May 10	173
May 14	174	May 16	169	May 17	176
May 21	161	May 23	165	May 24	172
May 28	170	May 30	182	May 31	175

\* Excludes Alaska and Hawaii.

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

Copyright © 2016 Edison Electric Institute. All rights reserved.

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	28-May 2016 GWh Output	30-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	28-May 2016 GWh Output	30-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	28-May 2016 GWh Output	30-May 2015 GWh Output	% Increase Over Corresponding Week of 2015
<b>New England</b>	2,264	2,385	-5.1%	<b>50,105</b>	<b>53,767</b>	<b>-6.8%</b>	123,232	127,431	-3.3%
<b>Mid-Atlantic</b>	8,120	8,687	-6.5%	<b>172,116</b>	<b>187,609</b>	<b>-8.3%</b>	428,865	444,092	-3.4%
<b>Central Industrial</b>	12,957	12,521	3.5%	<b>276,749</b>	<b>291,791</b>	<b>-5.2%</b>	659,276	682,429	-3.4%
<b>West Central</b>	6,141	5,799	5.9%	<b>131,470</b>	<b>135,390</b>	<b>-2.9%</b>	325,914	328,929	-0.9%
<b>Southeast</b>	20,034	20,447	-2.0%	<b>410,131</b>	<b>425,805</b>	<b>-3.7%</b>	1,005,098	1,017,199	-1.2%
<b>South Central</b>	14,126	13,174	7.2%	<b>271,142</b>	<b>278,325</b>	<b>-2.6%</b>	702,043	700,875	0.2%
<b>Rocky Mountain</b>	4,395	4,598	-4.4%	<b>105,827</b>	<b>105,166</b>	<b>0.6%</b>	277,477	272,942	1.7%
<b>Pacific Northwest</b>	2,608	2,530	3.1%	<b>67,497</b>	<b>66,477</b>	<b>1.5%</b>	153,164	151,896	0.8%
<b>Pacific Southwest</b>	5,117	5,141	-0.5%	<b>110,112</b>	<b>110,367</b>	<b>-0.2%</b>	284,771	283,688	0.4%
<b>Total United States <sup>1/</sup></b>	<u>75,762</u>	<u>75,282</u>	0.6%	<u><b>1,595,149</b></u>	<u><b>1,654,697</b></u>	<b>-3.6%</b>	3,959,840	4,009,481	-1.2%
<b>Coal Regions Only <sup>2/</sup></b>	65,773	65,226	0.8%	<b>1,367,435</b>	<b>1,424,086</b>	<b>-4.0%</b>	3,398,673	3,446,466	-1.4%

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.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> 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

May 31, 2016

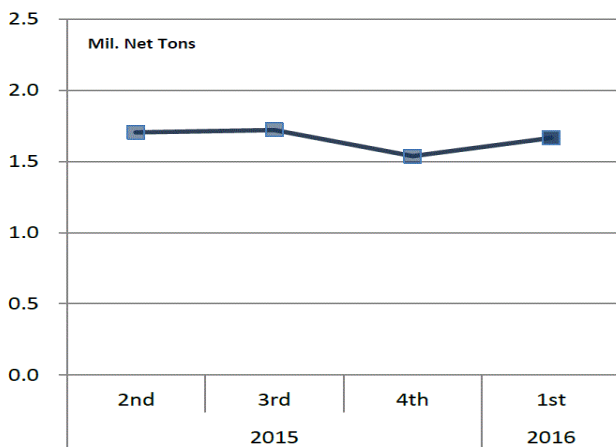
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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 28</u>	<u>Week Ending May 21</u>	
<b><u>Week Ending</u></b>				North East	206	209
				Great Lakes	663	656
May 28, 2016	1,775	1.1	75.9	Midwest	165	158
May 28, 2015	1,704	4.2	72.1	Southern	649	652
May 21, 2016	1,756	1.7	75.1	Western	92	81
				<b>Total</b>	<b>1,775</b>	<b>1,756</b>
<b><u>Year-to-Date +</u></b>						
May 28, 2016	37,015	-0.8	71.9			
May 28, 2015	37,307	-	71.6			

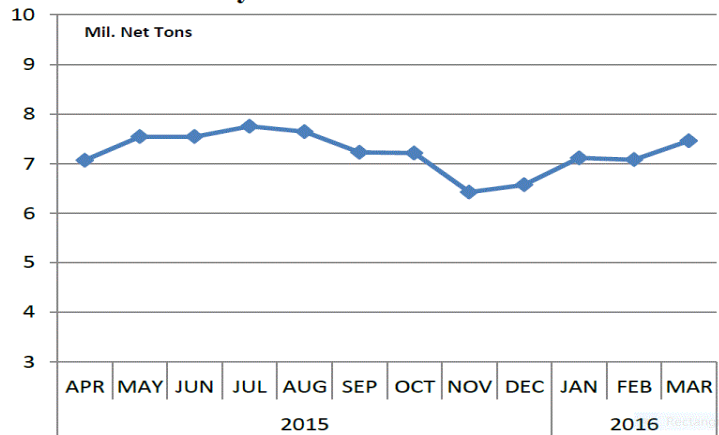
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 first quarter 2016 is approximately 30.5 million net tons vs. 30.4 million net tons for the same period last year, and 31.4 million tons for the fourth quarter of 2015.

**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](http://www.kitco.com/connecting.html)

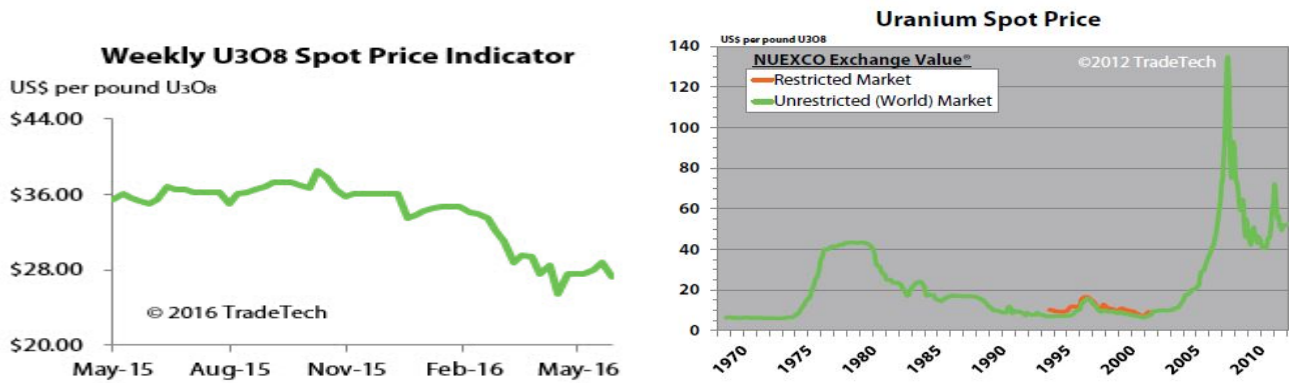


Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

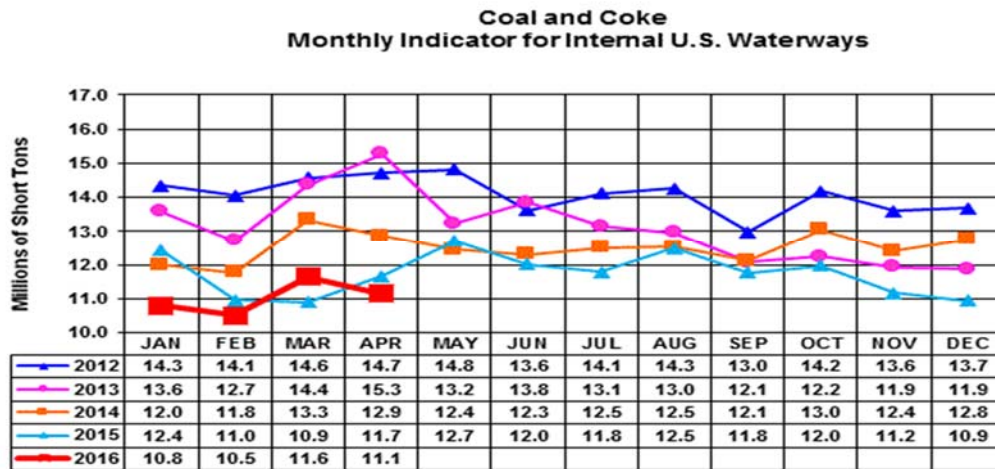


Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

### Trade Tech's Uranium Price Indicators



Source: Trade Tech, Uranium Info Website – [www.uranium.info](http://www.uranium.info)



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.

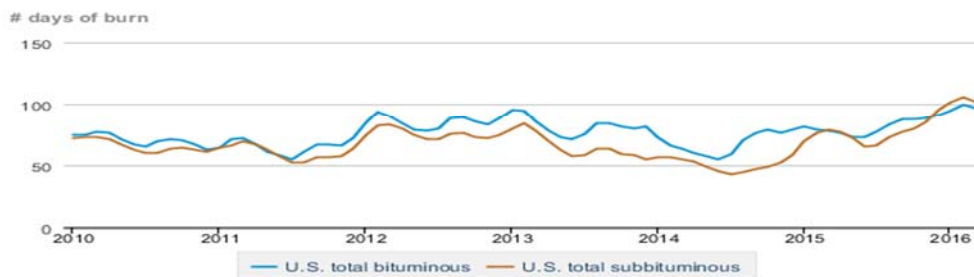
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

### Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	04/29/16	05/06/16	05/13/16	05/20/16	05/27/16	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$40.50	\$40.50	\$40.50	\$40.50	\$40.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$43.55	\$43.55	\$43.55	\$43.55	\$42.10	\$-1.45
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$31.70	\$31.70	\$31.70	\$31.70	\$31.70	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$9.35	\$9.35	\$9.35	\$9.35	\$8.80	\$-0.55
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$37.80	\$37.80	\$37.80	\$37.80	\$37.50	\$-0.30

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

### Days of burn by non-lignite coal rank, January 2009 - March 2016



Source: U.S. Energy Information Administration

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

### Temperature -- heating & cooling degree days (week ending May 19)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	61	2	17	0	-1	-2
Middle Atlantic	67	20	42	0	-5	-13
E N Central	90	37	42	0	-11	-15
W N Central	90	44	27	0	-14	-10
South Atlantic	35	16	29	42	2	-26
E S Central	37	20	33	19	-11	-34
W S Central	12	9	11	40	-17	-32
Mountain	59	-1	-19	23	3	16
Pacific	14	-24	-40	4	-3	4
United States	55	15	16	16	-5	-14

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	2015 Year to Date - 4th Quarter	2014 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	792.0	843.0	-6%
Cement (Mil. Mt.)	81.9	81.0	1%
Copper (000 Mt.)	1,380.0	1,350.0	2%
Gold (Mt.)	214.0	210.0	2%
Gypsum (Mil. Mt.)	15.0	14.7	2%
Iron Ore (Mil. Mt.)	43.1	54.3	-21%
Lead (000 Mt.)	358.0	367.0	-2%
Molybdenum (000 Mt.)	50.3	67.9	-26%
Phosphate rock (Mil. Mt.)	27.8	26.7	4%
Sand & gravel, construction (Mil. Mt.)	870.0	842.0	3%
Silver (Mt.)	1,070.0	1,180.0	-9%
Soda ash (Mil. Mt.)	11.6	11.7	-1%
Stone, crushed (Mil. Mt.)	1,320.0	1,250.0	6%
Zinc (000 Mt.)	773.0	803.0	-4%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2015 data are preliminary estimates.

### Natural gas spot prices (Henry Hub)



eia Source: Natural Gas Intelligence

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 2016		March 2015		% Change of Stocks	February 2016		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	7,165	111	5,612	84	27.7%	7,725	113	-7.3%
	Subbituminous	171	208	732	267	-76.6%	545	303	-68.6%
South	Bituminous	36,811	97	30,893	80	19.2%	34,970	99	5.3%
	Subbituminous	7,951	95	6,268	78	26.8%	7,689	99	3.4%
Midwest	Bituminous	18,005	100	13,600	74	32.4%	17,391	99	3.5%
	Subbituminous	46,914	94	34,860	70	34.6%	46,504	95	0.9%
West	Bituminous	4,907	76	4,951	74	-0.9%	5,313	85	-7.7%
	Subbituminous	42,090	114	32,803	91	28.3%	42,051	121	0.1%
U.S. Total	Bituminous	66,888	97	55,056	78	21.5%	65,400	99	2.3%
	Subbituminous	97,126	102	74,663	79	30.1%	96,789	105	0.3%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

### EIA Working Natural Gas Underground Storage

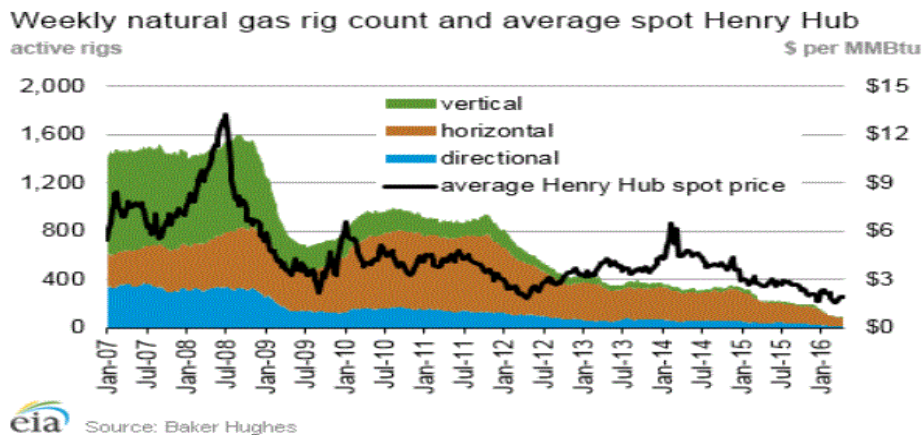
**Working gas in underground storage**

Region	Stocks billion cubic feet (bcf)		
	2016-05-20	2016-05-13	change
East	511	490	21
Midwest	629	606	23
Mountain	171	166	5
Pacific	298	293	5
South Central	1,216	1,199	17
<b>Total</b>	<b>2,825</b>	<b>2,754</b>	<b>71</b>

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 2016	June 2016	change	May 2016	June 2016	change
Bakken	815	832	17	1,083	1,114	31
Eagle Ford	971	994	23	3,012	3,045	33
Haynesville	30	31	1	5,427	5,507	80
Marcellus	65	65	-	11,026	11,123	97
Niobrara	892	915	23	2,768	2,848	80
Permian	480	493	13	858	878	20
Utica	332	345	13	7,145	7,281	136
<b>Rig-weighted average</b>	<b>562</b>	<b>575</b>	<b>13</b>	<b>2,894</b>	<b>3,005</b>	<b>111</b>

Source: Energy Information Administration, *Drilling Productivity Report*