

---

National Mining Association

# Weekly Statistical Summary

January 15, 2016 Edition  
(Data for Week Ending January 9, 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. 2  
Dated 01/15/16

PRODUCTION, CONSUMPTION & TRADE						
	Week Ended			* Cumulative Jan 1 to		
	01/09/16	01/10/15	% Chng	01/09/16	01/09/15	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	13,405	18,987	-29.4%	16,743	23,829	-29.7%
52 Weeks Ended	880,911	998,335	-11.8%			
AAR Coal Rail Cars Loaded:	75,112	108,449	-30.7%	92,569	137,231	-32.5%
Coal Production	<b>Dec 15/14</b>		<b>% Chng</b>	<b>Jan - Dec 15/14</b>		<b>% Chng</b>
Month Ended - Dec	62,903	86,341	-27.1%	886,330	1,000,049	-11.4%
MONTH ENDED AND CUMULATIVE NUMBERS ARE PRELIMINARY AND SUBJECT TO CHANGE						
<b>DOC Bituminous Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Nov 15/14</b>		<b>% Chng</b>	<b>Jan - Nov 15/14</b>		<b>% Chng</b>
Metallurgical	2,859	4,690	-39.0%	42,870	56,950	-24.7%
Steam *	1,806	2,736	-34.0%	25,887	33,115	-21.8%
<b>Imports:</b>	882	1,003	-12.1%	10,349	10,762	-3.8%
	Week Ended			Cumulative Jan 1 to		
	01/09/16	01/10/15	% Chng	01/09/16	01/10/15	% Chng
<b>EEl Electric Total Output (Mil. Kwh)</b>	79,219	87,389	-9.3%	153,572	164,735	-6.8%
<b>EEl Coal Region Output (Mil. Kwh)</b>	67,656	76,037	-11.0%	130,683	142,018	-8.0%
<b>AISI Raw Steel Output (000 Tons)</b>	1,594	1,807	-11.8%	3,034	3,605	-15.8%
EIA U.S. PETROLEUM DATA						
4-Week Averages 000 Barrels per Day						
	Week Ending			Cumulative Daily Averages		
	01/08/16	01/09/15	% Chng	2016	2015	% Chng
<b>PETROLEUM SUPPLY:</b>						
Domestic Crude	9,207	9,143	0.7	9,227	9,185	0.5
Net Imports (Incl. SPR)	7,229	7,037	2.7	7,688	7,025	9.4
SPR Stocks W/D or Added	-290	280	--	33	619	--
Other Stocks W/D or Added	719	769	--	1,400	835	--
Exports and Imports are as reported (not revised); *excludes lignite & anthracite.						
Sources: Energy Information Administration; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce						



**NMA**  
THE AMERICAN RESOURCE

National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

## EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/9/2016	1/2/2016	1/10/2015	1/9/2016	1/9/2015	% Change	1/9/2016	1/10/2015	% Change
	(week 2)	(week 1)	(week 2)						
Alabama	215	185	319	268	400	-33.0	14,110	16,311	-13.5
Alaska	14	13	21	18	26	-30.3	1,115	1,484	-24.9
Arizona	108	96	139	137	174	-21.5	7,298	8,018	-9.0
Arkansas	2	1	2	2	2	-1.4	98	94	4.3
Colorado	279	246	416	350	522	-32.9	20,096	23,981	-16.2
Illinois	977	841	1,329	1,227	1,667	-26.4	59,461	58,248	2.1
Indiana	527	460	748	659	939	-29.8	34,487	39,176	-12.0
Kansas	4	3	4	5	5	-10.6	167	71	135.2
<b>Kentucky Total</b>	<b>889</b>	<b>783</b>	<b>1,330</b>	<b>1,114</b>	<b>1,670</b>	<b>-33.3</b>	<b>62,760</b>	<b>77,083</b>	<b>-18.6</b>
Eastern (KY)	396	352	607	497	762	-34.7	29,310	37,338	-21.5
Western (KY)	493	432	723	616	908	-32.1	33,450	39,745	-15.8
Louisiana	57	53	60	72	75	-5.0	3,514	2,674	31.4
Maryland	34	29	44	42	55	-23.7	1,959	1,984	-1.3
Mississippi	40	35	62	50	77	-35.2	2,942	3,710	-20.7
Missouri	2	2	3	3	4	-36.7	209	360	-41.9
Montana	672	595	864	839	1,084	-22.6	42,885	44,739	-4.1
New Mexico	250	199	306	305	384	-20.6	16,820	21,729	-22.6
North Dakota	427	357	586	531	735	-27.8	26,490	29,053	-8.8
Ohio	247	215	406	306	509	-39.8	17,390	22,185	-21.6
Oklahoma	10	9	16	13	20	-35.2	727	898	-19.0
<b>Pennsylvania Total</b>	<b>745</b>	<b>656</b>	<b>1,085</b>	<b>928</b>	<b>1,362</b>	<b>-31.9</b>	<b>51,286</b>	<b>61,601</b>	<b>-16.7</b>
Anthracite (PA)	32	26	37	39	47	-16.1	1,907	1,946	-2.0
Bituminous (PA)	713	630	1,048	888	1,315	-32.5	49,379	59,655	-17.2
Tennessee	13	12	16	17	20	-16.4	824	839	-1.8
Texas	418	388	630	520	790	-34.2	31,814	43,351	-26.6
Utah	198	178	285	250	357	-30.2	14,387	17,825	-19.3
Virginia	195	168	291	245	366	-33.1	13,108	15,439	-15.1
<b>West Virginia Total</b>	<b>1,469</b>	<b>1,261</b>	<b>2,153</b>	<b>1,829</b>	<b>2,702</b>	<b>-32.3</b>	<b>97,130</b>	<b>111,951</b>	<b>-13.2</b>
Northern (WV)	753	644	1,046	936	1,313	-28.7	46,669	48,882	-4.5
Southern (WV)	717	618	1,107	893	1,390	-35.7	50,460	63,069	-20.0
Wyoming	5,613	4,935	7,873	7,015	9,881	-29.0	359,835	395,530	-9.0
<b>Appalachian Total</b>	<b>3,314</b>	<b>2,876</b>	<b>4,921</b>	<b>4,132</b>	<b>6,176</b>	<b>-33.1</b>	<b>225,117</b>	<b>267,649</b>	<b>-15.9</b>
<b>Interior Total</b>	<b>2,530</b>	<b>2,223</b>	<b>3,576</b>	<b>3,167</b>	<b>4,488</b>	<b>-29.4</b>	<b>166,868</b>	<b>188,328</b>	<b>-11.4</b>
<b>Western Total</b>	<b>7,561</b>	<b>6,618</b>	<b>10,489</b>	<b>9,445</b>	<b>13,164</b>	<b>-28.3</b>	<b>488,926</b>	<b>542,358</b>	<b>-9.9</b>
<b>East of Mississippi River</b>	<b>5,351</b>	<b>4,643</b>	<b>7,783</b>	<b>6,684</b>	<b>9,768</b>	<b>-31.6</b>	<b>355,456</b>	<b>408,527</b>	<b>-13.0</b>
<b>West of Mississippi River</b>	<b>8,054</b>	<b>7,075</b>	<b>11,204</b>	<b>10,059</b>	<b>14,061</b>	<b>-28.5</b>	<b>525,455</b>	<b>589,808</b>	<b>-10.9</b>
Bituminous and Lignite	13,373	11,692	18,949	16,704	23,782	-29.8	879,004	996,390	-11.8
Anthracite	32	26	37	39	47	-16.1	1,907	1,946	-2.0
<b>U.S. Total</b>	<b>13,405</b>	<b>11,717</b>	<b>18,987</b>	<b>16,743</b>	<b>23,829</b>	<b>-29.7</b>	<b>880,911</b>	<b>998,335</b>	<b>-11.8</b>
Railroad Cars Loaded	75,112	67,002	108,449	92,569	137,231	-32.5	5,095,078	5,829,362	-12.6

Source: Energy Information Administration

EEI Prepared by EEI's Business Information Group

**WEEKLY ELECTRIC OUTPUT**

Volume 84 No. 2

**OUTPUT FOR WEEK ENDED - Jan 09, 2016**

Jan 13, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 09, 2016 was 79,219 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 181 on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended January 09		52 Weeks Ended January 09	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,530	-8.0	126,540	-0.4
Mid-Atlantic	8,626	-10.6	442,550	0.3
Central Industrial	13,698	-13.0	671,621	-2.4
West Central	6,417	-11.1	328,791	-0.7
Southeast	20,667	-10.6	1,017,785	0.3
South Central	12,712	-14.6	706,438	1.1
Rocky Mountain	5,536	2.0	276,806	0.8
Pacific Northwest	3,883	8.6	152,460	-1.5
Pacific Southwest	5,150	2.5	285,233	-0.1
Total United States	79,219	-9.3	4,008,224	-0.2

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

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
Dec 19	74,793	Dec 20	77,470	-3.5	Dec 19	4,021,105	0.1
Dec 26	70,180	Dec 27	71,898	-2.4	Dec 26	4,019,387	0.1
Jan 02	74,353	Jan 03	77,346	-3.9	Jan 02	4,016,394	0.1
Jan 09	79,219	Jan 10	87,389	-9.3	Jan 09	4,008,224	-0.2
Jan 09	153,572	Jan 10	164,735	-6.8	YEAR TO DATE, FIRST 2 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Dec 19	169	Dec 20	197	Dec 21	175
Dec 26	156	Dec 27	191	Dec 28	174
Jan 02	178	Jan 03	179	Jan 04	185
Jan 09	181	Jan 10	197	Jan 11	192

\* 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		
	9-Jan 2016 GWh Output	10-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Jan 2016 GWh Output	10-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Jan 2016 GWh Output	10-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015
<b>New England</b>	2,530	2,750	-8.0%	<b>4,863</b>	<b>5,216</b>	<b>-6.8%</b>	126,540	127,082	-0.4%
<b>Mid-Atlantic</b>	8,626	9,645	-10.6%	<b>16,320</b>	<b>18,129</b>	<b>-10.0%</b>	442,550	441,193	0.3%
<b>Central Industrial</b>	13,698	15,738	-13.0%	<b>26,241</b>	<b>28,939</b>	<b>-9.3%</b>	671,621	688,359	-2.4%
<b>West Central</b>	6,417	7,219	-11.1%	<b>12,564</b>	<b>13,608</b>	<b>-7.7%</b>	328,791	331,077	-0.7%
<b>Southeast</b>	20,667	23,118	-10.6%	<b>38,580</b>	<b>41,568</b>	<b>-7.2%</b>	1,017,785	1,014,359	0.3%
<b>South Central</b>	12,712	14,889	-14.6%	<b>25,520</b>	<b>28,309</b>	<b>-9.9%</b>	706,438	699,029	1.1%
<b>Rocky Mountain</b>	5,536	5,428	2.0%	<b>11,458</b>	<b>11,465</b>	<b>-0.1%</b>	276,806	274,647	0.8%
<b>Pacific Northwest</b>	3,883	3,577	8.6%	<b>7,746</b>	<b>7,428</b>	<b>4.3%</b>	152,460	154,764	-1.5%
<b>Pacific Southwest</b>	5,150	5,025	2.5%	<b>10,280</b>	<b>10,073</b>	<b>2.1%</b>	285,233	285,394	-0.1%
<b>Total United States <sup>1/</sup></b>	<u>79,219</u>	<u>87,389</u>	-9.3%	<u><b>153,572</b></u>	<u><b>164,735</b></u>	<b>-6.8%</b>	<u>4,008,224</u>	<u>4,015,904</u>	-0.2%
<b>Coal Regions Only <sup>2/</sup></b>	67,656	76,037	-11.0%	<b>130,683</b>	<b>142,018</b>	<b>-8.0%</b>	3,443,991	3,448,664	-0.1%

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

January 11, 2016

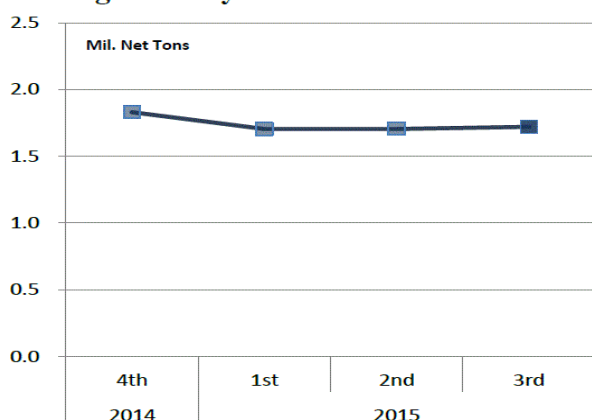
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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</u>	
<u>Week Ending</u>				<u>Jan 9</u>	<u>Jan 2</u>
January 9, 2016	1,594	10.7	66.7	North East Great Lakes Midwest Southern Western Total	207 582 176 417 61 1,440
January 9, 2015	1,807	-11.8	76.4		
January 2, 2016	1,440	-1.1	60.2		
Year-to-Date +					
January 9, 2016	3,034	-15.8	63.4		
January 9, 2015	3,605	-	76.4		

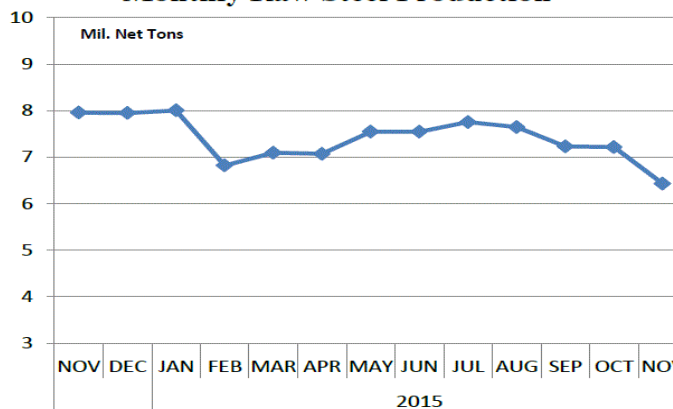
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2015 is approximately 31.4 million net tons vs. 31.6 million net tons for the same period last year, and 31.4 million tons for the third quarter of 2015.

**Average Weekly Raw Steel Production**



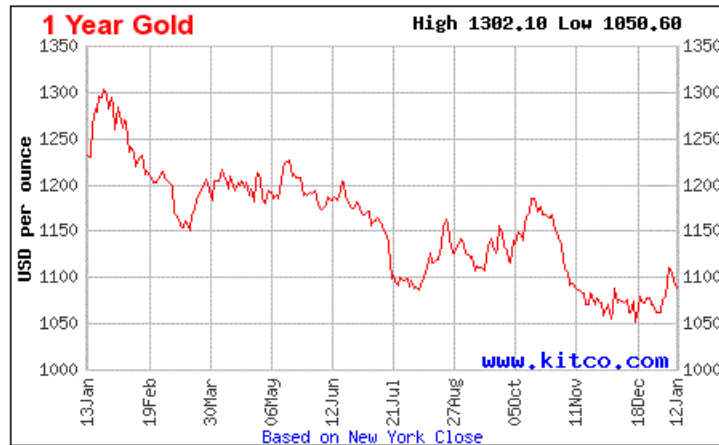
**Monthly Raw Steel Production**



\*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)

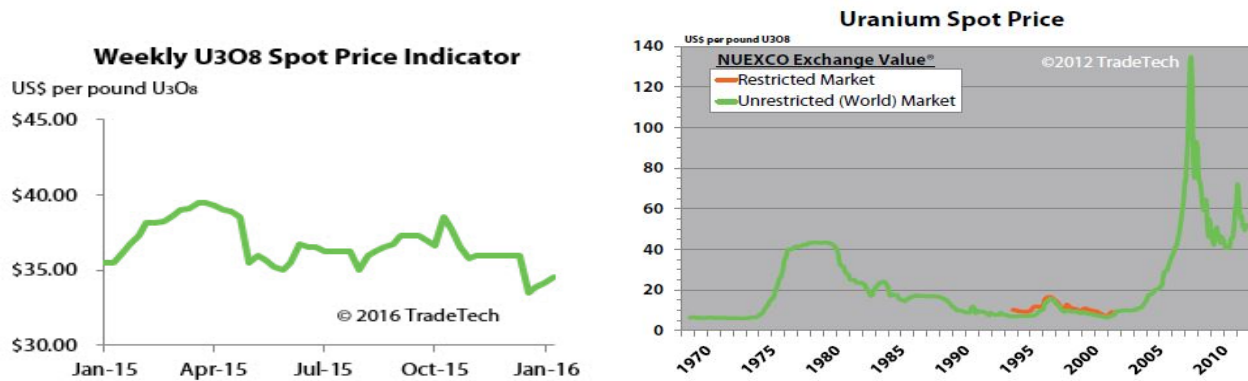


Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)



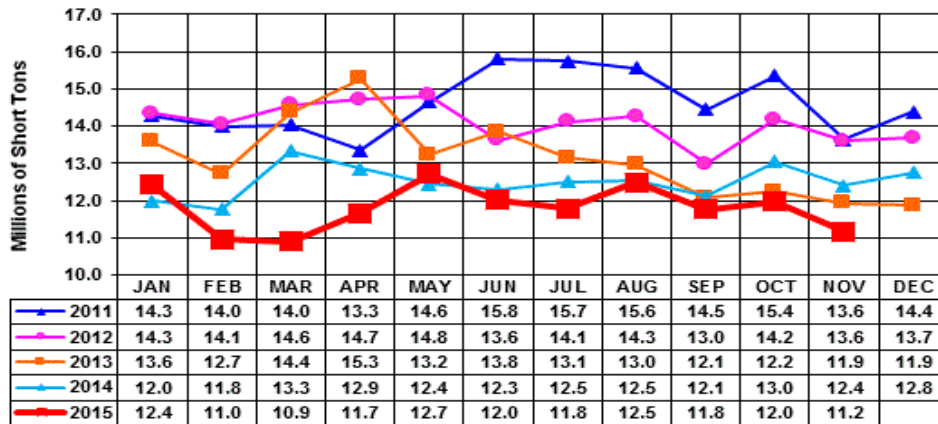
Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

### Trade Tech's Uranium Price Indicators



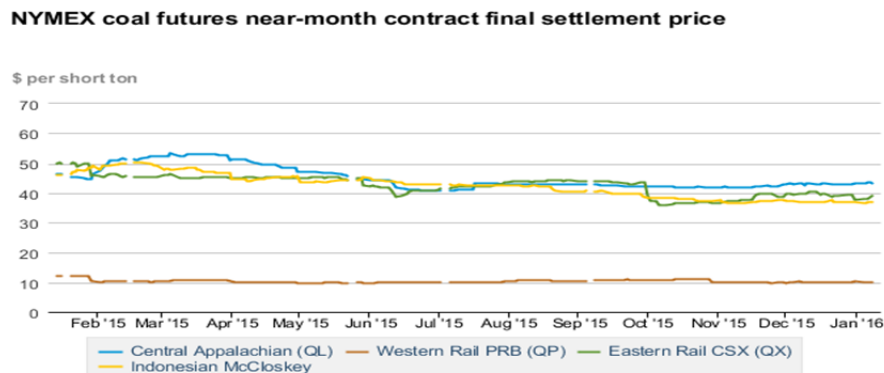
Source: Trade Tech, Uranium Info Website – [www.uranium.info](http://www.uranium.info)

### 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.

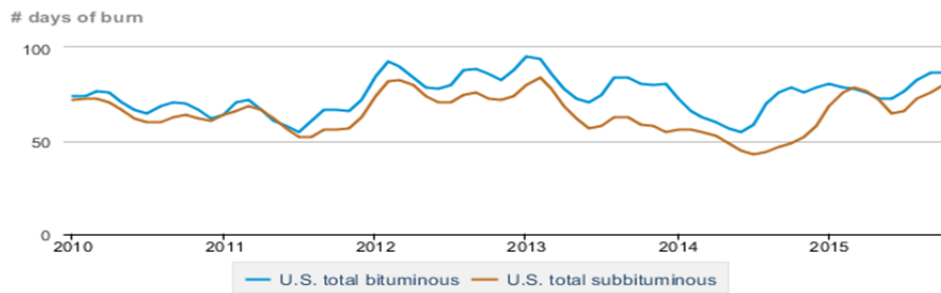
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

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

	Week ending					Week ago
	12/18/15	12/25/15	12/28/15	12/31/15	01/08/16	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$43.50	NA	\$43.50	\$43.50	\$42.25	\$-1.25
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$48.95	NA	\$48.95	\$48.95	\$48.60	\$-0.35
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$32.60	NA	\$32.60	\$32.60	\$32.20	\$-0.40
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$10.90	NA	\$10.90	\$10.90	\$9.70	\$-1.20
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$40.65	NA	\$40.65	\$40.65	\$39.05	\$-1.60

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

**Days of burn by non-lignite coal rank, January 2009 - October 2015**



Source: U.S. Energy Information Administration

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

**Temperature -- heating & cooling degree days (week ending Dec 31)**

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	174	-86	-26	0	0	0
Middle Atlantic	143	-105	-51	0	0	0
E N Central	197	-85	-44	0	0	0
W N Central	277	-29	-20	0	0	0
South Atlantic	44	-131	-87	31	25	21
E S Central	62	-119	-95	11	10	11
W S Central	106	-29	-35	10	8	9
Mountain	293	58	13	0	0	0
Pacific	169	43	21	0	0	0
United States	167	-51	-33	8	7	6

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 - 3rd Quarter	2014 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	597.0	617.0	-3%
Cement (Mil. Mt.)	61.2	60.7	1%
Copper (000 Mt.)	1,020.0	1,020.0	0%
Gold (Mt.)	155.0	159.0	-3%
Gypsum (Mil. Mt.)	11.3	10.6	7%
Iron Ore (Mil. Mt.)	32.5	39.7	-18%
Lead (000 Mt.)	277.0	272.0	2%
Molybdenum (000 Mt.)	39.9	52.4	-24%
Phosphate rock (Mil. Mt.)	20.8	20.4	2%
Sand & gravel, construction (Mil. Mt.)	702.0	672.0	4%
Silver (Mt.)	821.0	866.0	-5%
Soda ash (Mil. Mt.)	8.7	8.7	0%
Stone, crushed (Mil. Mt.)	991.0	933.0	6%
Zinc (000 Mt.)	604.0	593.0	2%

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)

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	October 2015		October 2014			September 2015		
		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	7,509	95	7,135	89	5.2%	6,924	102	8.5%
	Subbituminous	731	174	439	106	66.6%	758	201	-3.5%
South	Bituminous	35,209	90	33,265	86	5.8%	32,229	90	9.2%
	Subbituminous	6,942	76	5,285	55	31.4%	5,586	62	24.3%
Midwest	Bituminous	16,361	82	13,045	67	25.4%	15,063	83	8.6%
	Subbituminous	41,636	71	28,246	47	47.4%	38,095	69	9.3%
West	Bituminous	5,628	75	4,418	56	27.4%	5,378	73	4.6%
	Subbituminous	34,805	94	19,418	51	79.2%	32,056	90	8.6%
U.S. Total	Bituminous	64,708	87	57,863	79	11.8%	59,594	87	8.6%
	Subbituminous	84,115	80	53,388	49	57.6%	76,494	76	10.0%

Source: U.S. Energy Information Administration

### EIA Working Natural Gas Underground Storage

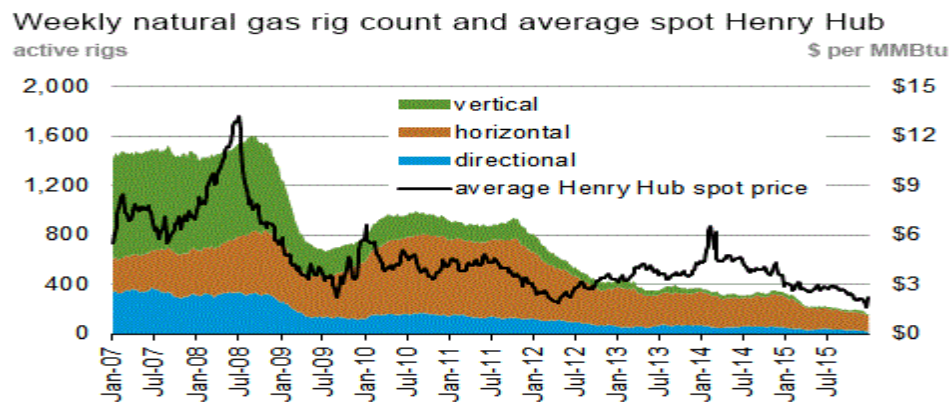
**Working gas in underground storage**

Region	Stocks billion cubic feet (bcf)		
	2016-01-01	2015-12-25	change
East	857	876	-19
Midwest	983	1,025	-42
Mountain	185	195	-10
Pacific	381	382	-1
South Central	1,347	1,340	7
<b>Total</b>	<b>3,643</b>	<b>3,756</b>	<b>-113</b>

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 2016	February 2016	change	January 2015	February 2016	change
Bakken	719	724	5	898	918	20
Eagle Ford	795	804	9	2,701	2,750	49
Haynesville	28	28	-	5,390	5,465	75
Marcellus	63	64	1	8,917	9,050	133
Niobrara	710	726	16	2,219	2,269	50
Permian	416	418	2	797	803	6
Utica	282	294	12	6,511	6,711	200
Rig-weighted average	494	497	3	2,552	2,600	48

Source: Energy Information Administration, *Drilling Productivity Report*