
National Mining Association

Weekly Statistical Summary

June 17, 2016 Edition
(Data for Week Ending June 11, 2016)

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		
	06/11/16	06/13/15	% Chng	06/11/16	06/11/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,941	15,369	-15.8%	289,587	409,221	-29.2%
52 Weeks Ended	771,999	964,517	-20.0%			
AAR Coal Rail Cars Loaded:	73,279	89,694	-18.3%	1,600,532	2,359,556	-32.2%
Coal Production						
Month Ended - May	May 16/15		% Chng	Jan - May 16/15		% Chng
	50,612	69,942	-27.6%	261,786	384,834	-32.0%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Apr 16/15			Jan - Apr 16/15		
			% Chng			% Chng
Metallurgical	3,363	4,227	-20.4%	13,516	17,743	-23.8%
Steam (bit.) *	1,205	2,908	-58.6%	4,975	11,278	-55.9%
Lignite	7	5	40.0%	23	20	15.0%
Anthracite	12	79	-84.8%	238	168	41.7%
Total	4,587	7,219	-36.5%	18,752	29,209	-35.8%
Imports:	1,186	850	39.5%	2,698	3,009	-10.3%

	Week Ended			Cumulative Jan 1 to		
	06/11/16	06/13/15	% Chng	06/11/16	06/13/15	% Chng
EI Electric Total Output (Mil. Kwh)	81,077	83,868	-3.3%	1,754,474	1,813,328	-3.2%
EI Coal Region Output (Mil. Kwh)	70,361	72,679	-3.2%	1,505,256	1,561,390	-3.6%
AISI Raw Steel Output (000 Tons)	1,779	1,744	2.0%	40,555	40,795	-0.6%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	06/10/16	06/03/16	% Chng	Wed.	06/08/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	0.0%	Henry Hub	2.33
Northern App, 13,000 Btu, < 3.0 SO ₂	42.10	42.10	0.0%	New York	1.66
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	2.26
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.80	8.80	0.0%	Cal.Comp.Avg.	2.26
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.50	37.50	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



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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		
	6/11/2016 (week 24)	6/4/2016 (week 23)	6/13/2015 (week 24)	6/11/2016	6/11/2015	% Change	6/11/2016	6/13/2015	% Change
Alabama	175	154	256	4,087	6,842	-40.3	10,208	15,882	-35.7
Alaska	19	19	25	469	542	-13.4	1,114	1,312	-15.1
Arizona	99	95	139	2,256	3,286	-31.3	5,736	7,877	-27.2
Arkansas	1	1	2	25	43	-42.8	73	101	-27.7
Colorado	248	234	370	4,810	9,329	-48.4	14,099	22,761	-38.1
Illinois	805	728	973	18,764	27,512	-31.8	47,125	60,358	-21.9
Indiana	508	474	624	11,777	16,330	-27.9	29,701	37,900	-21.6
Kansas	4	3	4	58	93	-37.1	164	150	9.3
Kentucky Total	855	805	1,148	19,024	29,458	-35.4	50,588	71,252	-29.0
Eastern (KY)	374	354	537	7,933	13,586	-41.6	22,117	33,752	-34.5
Western (KY)	482	452	611	11,090	15,872	-30.1	28,472	37,500	-24.1
Louisiana	51	45	50	1,160	1,309	-11.3	3,276	3,554	-7.8
Maryland	31	29	36	648	950	-31.8	1,837	2,037	-9.8
Mississippi	51	48	60	1,210	1,435	-15.7	2,901	3,417	-15.1
Missouri	2	2	3	58	72	-19.4	123	281	-56.2
Montana	594	550	712	12,863	18,759	-31.4	35,768	45,491	-21.4
New Mexico	329	314	360	7,084	7,837	-9.6	18,487	19,307	-4.2
North Dakota	471	437	498	11,358	12,886	-11.9	27,135	28,565	-5.0
Ohio	240	221	290	5,914	8,322	-28.9	14,705	19,881	-26.0
Oklahoma	12	11	15	273	371	-26.3	678	839	-19.2
Pennsylvania Total	741	684	872	16,856	23,322	-27.7	44,560	56,912	-21.7
Anthracite (PA)	36	35	38	766	885	-13.4	2,015	2,017	-0.1
Bituminous (PA)	705	649	835	16,090	22,437	-28.3	42,545	54,895	-22.5
Tennessee	14	14	17	356	386	-7.8	815	887	-8.1
Texas	517	462	487	14,087	13,323	5.7	35,652	38,309	-6.9
Utah	225	210	261	5,290	6,479	-18.4	13,562	16,278	-16.7
Virginia	215	204	259	5,073	6,531	-22.3	12,326	14,664	-15.9
West Virginia Total	1,359	1,239	1,712	31,368	46,067	-31.9	80,345	106,365	-24.5
Northern (WV)	711	661	802	16,634	22,053	-24.6	42,004	48,602	-13.6
Southern (WV)	649	579	910	14,734	24,013	-38.6	38,341	57,763	-33.6
Wyoming	5,375	5,027	6,196	114,720	167,738	-31.6	321,019	390,138	-17.7
Appalachian Total	3,149	2,898	3,978	72,236	106,007	-31.9	186,913	250,379	-25.3
Interior Total	2,432	2,226	2,829	58,502	76,359	-23.4	148,165	182,409	-18.8
Western Total	7,360	6,886	8,561	158,849	226,855	-30.0	436,921	531,728	-17.8
East of Mississippi River	4,995	4,600	6,246	115,077	167,156	-31.2	295,112	389,554	-24.2
West of Mississippi River	7,946	7,411	9,122	174,510	242,065	-27.9	476,887	574,963	-17.1
Bituminous and Lignite	12,904	11,976	15,331	288,821	408,335	-29.3	769,984	962,500	-20.0
Anthracite	36	35	38	766	885	-13.4	2,015	2,017	-0.1
U.S. Total	12,941	12,011	15,369	289,587	409,221	-29.2	771,999	964,517	-20.0
Railroad Cars Loaded	73,279	68,008	89,694	1,600,532	2,359,556	-32.2	4,369,706	5,609,544	-22.1

Source: Energy Information Administration



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OUTPUT FOR WEEK ENDED - Jun 11, 2016

Jun 15, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 11, 2016 was 81,077 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 171 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended June 11		52 Weeks Ended June 11	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,245	-8.2	123,212	-3.3
Mid-Atlantic	8,206	-11.1	428,873	-3.5
Central Industrial	13,244	-4.5	659,911	-3.3
West Central	6,678	-2.3	325,868	-1.0
Southeast	21,166	-2.3	1,005,808	-1.2
South Central	15,181	-3.6	700,522	-0.1
Rocky Mountain	5,886	10.2	278,209	2.2
Pacific Northwest	2,768	-0.8	153,150	0.8
Pacific Southwest	5,703	-4.2	284,982	0.6
Total United States	81,077	-3.3	3,960,534	-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 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
Jun 04	78,248	Jun 06	74,764	4.7	Jun 04	3,963,324	-1.0
Jun 11	81,077	Jun 13	83,868	-3.3	Jun 11	3,960,534	-1.2
Jun 11	1,754,474	Jun 13	1,813,328	-3.2	YEAR TO DATE, FIRST 24 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
May 21	161	May 23	165	May 24	172
May 28	170	May 30	182	May 31	175
Jun 04	171	Jun 06	179	Jun 07	177
Jun 11	171	Jun 13	197	Jun 14	169

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	11-Jun 2016 GWh Output	13-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015	11-Jun 2016 GWh Output	13-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015	11-Jun 2016 GWh Output	13-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,245	2,446	-8.2%	54,688	58,370	-6.3%	123,212	127,398	-3.3%
Mid-Atlantic	8,206	9,232	-11.1%	189,168	204,653	-7.6%	428,873	444,343	-3.5%
Central Industrial	13,244	13,863	-4.5%	303,051	317,458	-4.5%	659,911	682,653	-3.3%
West Central	6,678	6,839	-2.4%	144,358	148,325	-2.7%	325,868	329,081	-1.0%
Southeast	21,166	21,658	-2.3%	452,019	466,982	-3.2%	1,005,808	1,018,328	-1.2%
South Central	15,181	15,748	-3.6%	299,698	308,403	-2.8%	700,522	700,994	-0.1%
Rocky Mountain	5,886	5,339	10.2%	116,962	115,569	1.2%	278,209	272,293	2.2%
Pacific Northwest	2,768	2,792	-0.9%	72,917	71,912	1.4%	153,150	151,901	0.8%
Pacific Southwest	5,703	5,951	-4.2%	121,613	121,657	0.0%	284,982	283,303	0.6%
Total United States ^{1/}	<u>81,077</u>	<u>83,868</u>	-3.3%	<u>1,754,474</u>	<u>1,813,329</u>	-3.2%	3,960,535	4,010,294	-1.2%
Coal Regions Only ^{2/}	70,361	72,679	-3.2%	1,505,256	1,561,390	-3.6%	3,399,191	3,447,692	-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.

^{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 13, 2016

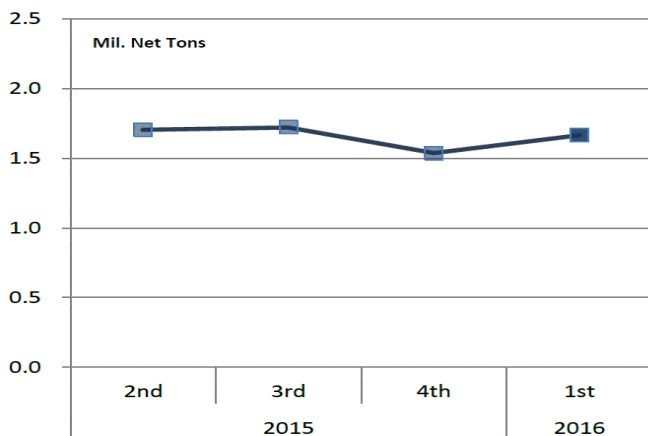
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 June 11</u>	<u>June 4</u>	
<u>Week Ending</u>				North East	217	205
				Great Lakes	675	673
June 11, 2016	1,779	1.1	76.1	Midwest	180	182
June 11, 2015	1,744	2.0	73.7	Southern	617	607
June 4, 2016	1,760	-0.8	75.3	Western	90	93
				Total	1,779	1,760
<u>Year-to-Date +</u>						
June 11, 2016	40,555	-0.6	72.3			
June 11, 2015	40,795	-	71.8			

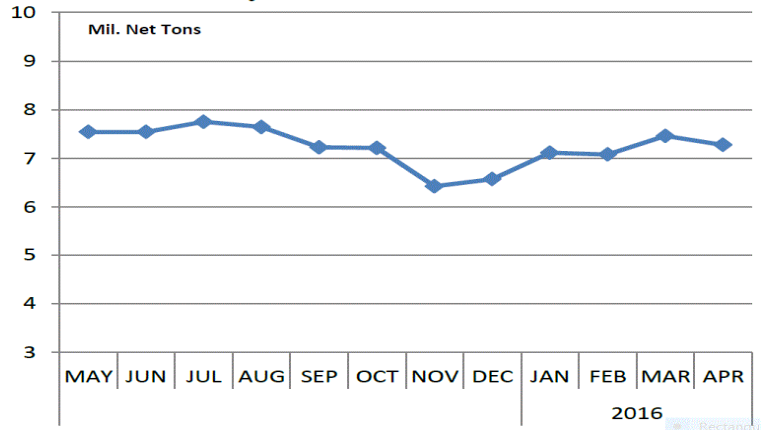
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2016 is approximately 30.4 million net tons vs. 30.7 million net tons for the same period last year, and 30.4 million tons for the first 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, labs 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

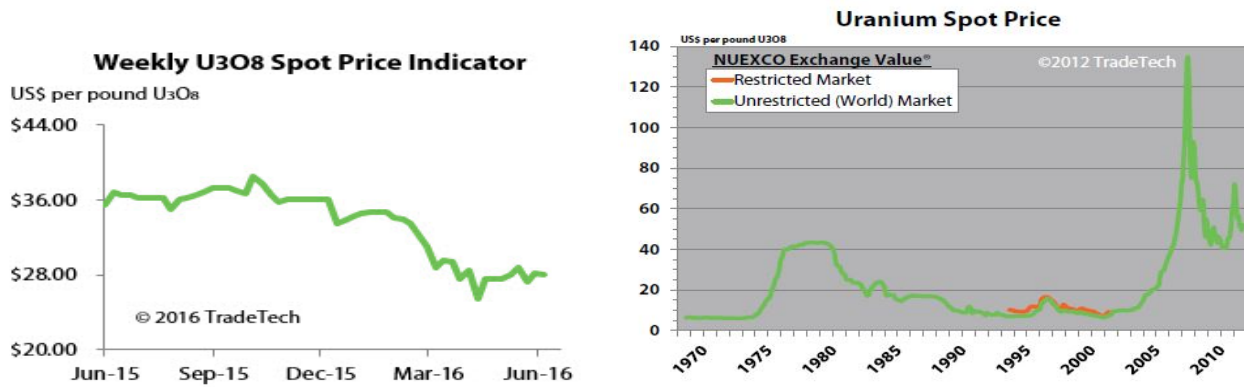


Source: Kitco website - www.kitco.com/connecting.html

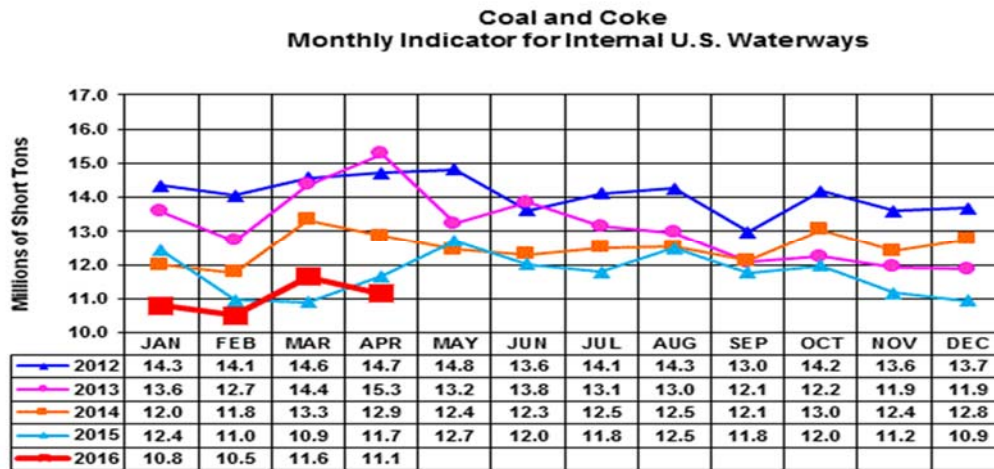


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators

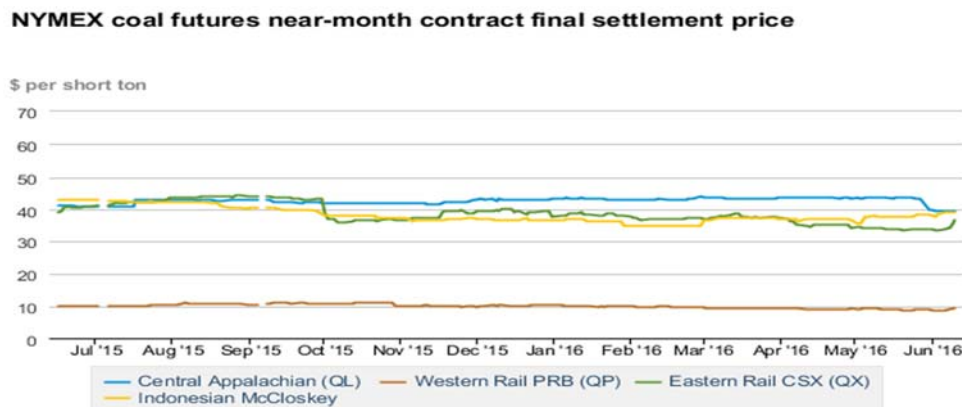


Source: Trade Tech, Uranium Info Website – www.uranium.info



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.

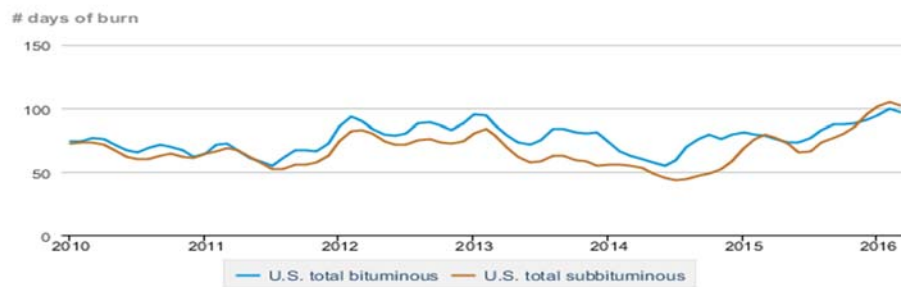
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	05/13/16	05/20/16	05/27/16	06/03/16	06/10/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	\$40.50	\$40.50	\$40.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$43.55	\$43.55	\$42.10	\$42.10	\$42.10	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$31.70	\$31.70	\$31.70	\$31.70	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$9.35	\$9.35	\$8.80	\$8.80	\$8.80	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.80	\$37.80	\$37.50	\$37.50	\$37.50	\$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 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Jun 02)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	5	-28	-38	26	22	11
Middle Atlantic	0	-24	-24	57	45	32
E N Central	2	-28	-35	50	30	34
W N Central	12	-14	-20	30	3	17
South Atlantic	0	-9	-3	78	22	6
E S Central	0	-8	-5	76	28	25
W S Central	0	-1	-2	75	-3	5
Mountain	35	-3	15	30	-4	-13
Pacific	7	-19	3	20	6	7
United States	5	-17	-14	52	18	15

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			February 2016		
		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	7,165	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

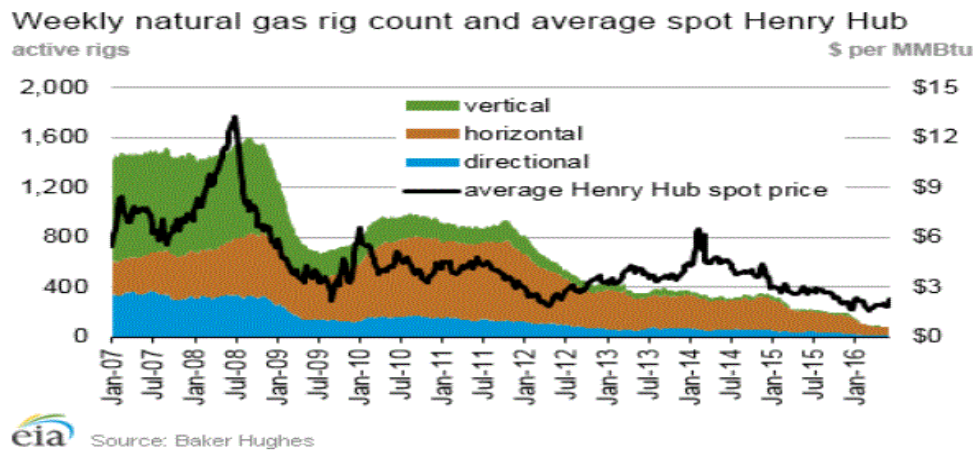
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-06-03	2016-05-27	change
East	559	537	22
Midwest	679	655	24
Mountain	183	178	5
Pacific	307	304	3
South Central	1,244	1,233	11
Total	2,972	2,907	65

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		
	June 2016	July 2016	change	June 2016	July 2016	change
Bakken	832	850	18	1,114	1,148	34
Eagle Ford	1,067	1,097	30	3,183	3,225	42
Haynesville	30	31	1	5,458	5,525	67
Marcellus	68	69	1	11,125	11,185	60
Niobrara	925	947	22	2,854	2,928	74
Permian	493	508	15	868	888	20
Utica	345	356	11	7,288	7,408	120
Rig-weighted average	564	557	(7)	2,899	2,899	0

Source: Energy Information Administration, *Drilling Productivity Report*