
National Mining Association

Weekly Statistical Summary

May 13, 2016 Edition
(Data for Week Ending May 7, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No.19
Dated 05/13/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/07/16	05/09/15	% Chng	05/07/16	05/07/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,949	16,053	-31.8%	222,123	331,320	-33.0%
52 Weeks Ended	782,243	980,558	-20.2%			
AAR Coal Rail Cars Loaded:	62,394	93,691	-33.4%	1,261,904	1,904,907	-33.8%
Coal Production	Apr 16/15		% Chng	Jan - Apr 16/15		% Chng
Month Ended - Apr	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%
Total	5,212	7,615	-31.6%	14,164	21,990	-35.6%
Imports:	1,186	850	39.5%	2,698	3,009	-10.3%

	Week Ended			Cumulative Jan 1 to		
	05/07/16	05/09/15	% Chng	05/07/16	05/09/15	% Chng
EI Electric Total Output (Mil. Kwh)	67,743	70,634	-4.1%	1,380,280	1,435,907	-3.9%
EI Coal Region Output (Mil. Kwh)	57,859	60,815	-4.9%	1,182,249	1,234,747	-4.3%
AISI Raw Steel Output (000 Tons)	1,748	1,704	2.6%	31,757	32,196	-1.4%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	05/06/16	04/29/16	% Chng	Wed.	05/04/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	0.0%	Henry Hub	1.99
Northern App, 13,000 Btu, < 3.0 SO ₂	43.55	43.55	0.0%	New York	2.13
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	1.96
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.35	9.35	0.0%	Cal.Comp.Avg.	2.03
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.80	37.80	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		
	5/7/2016 (week 19)	4/30/2016 (week 18)	5/9/2015 (week 19)	5/7/2016	5/7/2015	% Change	5/7/2016	5/9/2015	% Change
Alabama	161	163	267	3,429	5,546	-38.2	10,843	15,955	-32.0
Alaska	14	15	26	261	414	-37.0	1,033	1,337	-22.7
Arizona	84	89	145	1,758	2,580	-31.9	5,941	7,876	-24.6
Arkansas	1	1	2	29	33	-11.9	87	100	-13.0
Colorado	217	227	386	4,636	7,455	-37.8	15,794	23,377	-32.4
Illinois	710	732	1,017	15,448	22,578	-31.6	48,730	60,629	-19.6
Indiana	423	440	652	8,757	13,165	-33.5	29,839	38,423	-22.3
Kansas	3	3	4	62	74	-17.4	185	133	39.1
Kentucky Total	706	743	1,199	14,671	23,638	-37.9	52,041	73,030	-28.7
Eastern (KY)	306	324	561	6,463	10,864	-40.5	23,361	34,955	-33.2
Western (KY)	400	419	638	8,209	12,774	-35.7	28,680	38,075	-24.7
Louisiana	53	48	52	965	1,056	-8.6	3,333	3,418	-2.5
Maryland	26	28	37	533	770	-30.7	1,902	2,051	-7.3
Mississippi	41	41	62	731	1,134	-35.6	2,723	3,478	-21.7
Missouri	2	2	3	34	58	-41.6	113	309	-63.4
Montana	518	525	744	10,852	15,149	-28.4	37,358	46,077	-18.9
New Mexico	259	259	376	4,297	6,011	-28.5	17,521	19,706	-11.1
North Dakota	389	398	520	7,428	10,363	-28.3	25,721	28,623	-10.1
Ohio	185	193	303	3,957	6,851	-42.2	14,216	20,819	-31.7
Oklahoma	10	10	16	189	293	-35.4	672	851	-21.0
Pennsylvania Total	617	624	911	12,280	18,901	-35.0	44,394	58,461	-24.1
Anthracite (PA)	31	32	39	567	695	-18.4	2,005	1,993	0.6
Bituminous (PA)	586	592	872	11,713	18,206	-35.7	42,388	56,468	-24.9
Tennessee	11	12	18	231	301	-23.2	775	871	-11.0
Texas	408	383	509	7,142	10,853	-34.2	31,171	39,765	-21.6
Utah	180	182	273	3,431	5,154	-33.4	13,025	16,701	-22.0
Virginia	170	181	270	3,420	5,220	-34.5	11,981	14,881	-19.5
West Virginia Total	1,138	1,177	1,788	23,573	37,390	-37.0	81,206	108,837	-25.4
Northern (WV)	585	617	838	12,144	17,987	-32.5	41,570	49,173	-15.5
Southern (WV)	553	560	950	11,429	19,402	-41.1	39,635	59,665	-33.6
Wyoming	4,624	4,783	6,472	94,011	136,333	-31.0	331,639	394,850	-16.0
Appalachian Total	2,614	2,702	4,155	53,886	85,843	-37.2	188,678	256,831	-26.5
Interior Total	2,051	2,079	2,955	41,565	62,018	-33.0	145,533	185,180	-21.4
Western Total	6,285	6,478	8,943	126,671	183,459	-31.0	448,033	538,547	-16.8
East of Mississippi River	4,188	4,334	6,525	87,031	135,494	-35.8	298,650	397,435	-24.9
West of Mississippi River	6,761	6,925	9,529	135,092	195,826	-31.0	483,594	583,123	-17.1
Bituminous and Lignite	10,918	11,227	16,014	221,556	330,625	-33.0	780,238	978,565	-20.3
Anthracite	31	32	39	567	695	-18.4	2,005	1,993	0.6
U.S. Total	10,949	11,259	16,053	222,123	331,320	-33.0	782,243	980,558	-20.2
Railroad Cars Loaded	62,394	64,145	93,691	1,261,904	1,904,907	-33.8	4,484,603	5,710,849	-21.5

Source: Energy Information Administration

Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 19

OUTPUT FOR WEEK ENDED - May 07, 2016

May 11, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 07, 2016** was **67,743** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **168** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 07		52 Weeks Ended May 07	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,109	0.3	123,619	-2.8
Mid-Atlantic	7,109	-7.0	431,040	-2.6
Central Industrial	11,283	-9.1	660,054	-3.4
West Central	5,657	-3.5	325,865	-1.0
Southeast	17,246	-2.5	1,007,873	-0.8
South Central	12,230	-4.5	700,833	0.0
Rocky Mountain	4,334	-1.6	277,164	1.0
Pacific Northwest	2,681	-0.6	153,001	0.7
Pacific Southwest	5,094	1.5	284,312	-0.4
Total United States	67,743	-4.1	3,963,761	-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)
Apr 16	68,014	Apr 18	68,385	-0.5	Apr 16	3,965,761	-1.1
Apr 23	67,123	Apr 25	68,150	-1.5	Apr 23	3,964,734	-1.2
Apr 30	69,488	May 02	67,570	2.8	Apr 30	3,966,652	-1.1
May 07	67,743	May 09	70,634	-4.1	May 07	3,963,761	-1.2
May 07	1,380,280	May 09	1,435,907	-3.9	YEAR TO DATE, FIRST 19 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Apr 16	173	Apr 18	158	Apr 19	174
Apr 23	172	Apr 25	159	Apr 26	172
Apr 30	176	May 02	158	May 03	174
May 07	168	May 09	165	May 10	173

* 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		
	7-May 2016 GWh Output	9-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	7-May 2016 GWh Output	9-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	7-May 2016 GWh Output	9-May 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,109	2,103	0.3%	43,784	47,058	-7.0%	123,619	127,142	-2.8%
Mid-Atlantic	7,109	7,646	-7.0%	149,864	163,180	-8.2%	431,040	442,351	-2.6%
Central Industrial	11,283	12,408	-9.1%	241,294	255,558	-5.6%	660,054	683,352	-3.4%
West Central	5,657	5,861	-3.5%	113,885	117,855	-3.4%	325,865	329,161	-1.0%
Southeast	17,246	17,690	-2.5%	353,788	366,689	-3.5%	1,007,873	1,016,282	-0.8%
South Central	12,230	12,806	-4.5%	231,107	239,501	-3.5%	700,833	700,505	0.0%
Rocky Mountain	4,334	4,404	-1.6%	92,311	91,964	0.4%	277,164	274,351	1.0%
Pacific Northwest	2,681	2,696	-0.6%	59,687	58,829	1.5%	153,001	151,963	0.7%
Pacific Southwest	5,094	5,020	1.5%	94,559	95,274	-0.8%	284,312	285,421	-0.4%
Total United States ^{1/}	67,743	70,634	-4.1%	1,380,279	1,435,908	-3.9%	3,963,761	4,010,528	-1.2%
Coal Regions Only ^{2/}	57,859	60,815	-4.9%	1,182,249	1,234,747	-4.3%	3,402,829	3,446,002	-1.3%

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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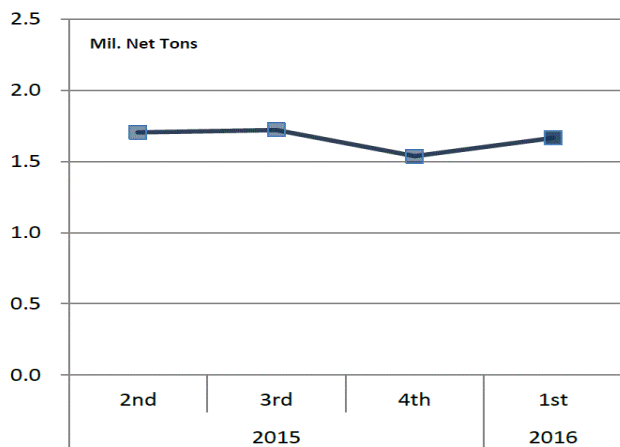
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 7</u>	<u>Apr 30</u>	
<u>Week Ending</u>				North East	196	204
				Great Lakes	639	614
May 7, 2016	1,748	2.2	74.7	Midwest	182	180
May 7, 2015	1,704	2.6	72.1	Southern	640	625
April 30, 2016	1,711	1.6	73.2	Western	91	88
				Total	1,748	1,711
<u>Year-to-Date +</u>						
May 7, 2016	31,757	-1.4	71.5			
May 7, 2015	32,196	-	71.6			

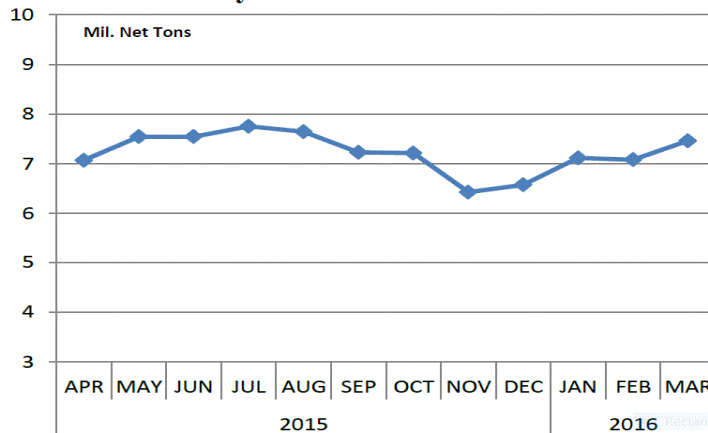
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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

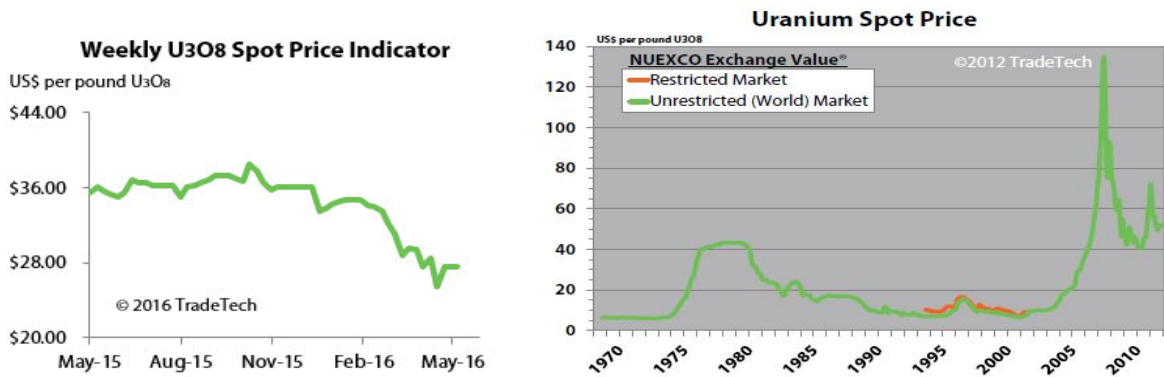


Source: Kitco website - www.kitco.com/connecting.html

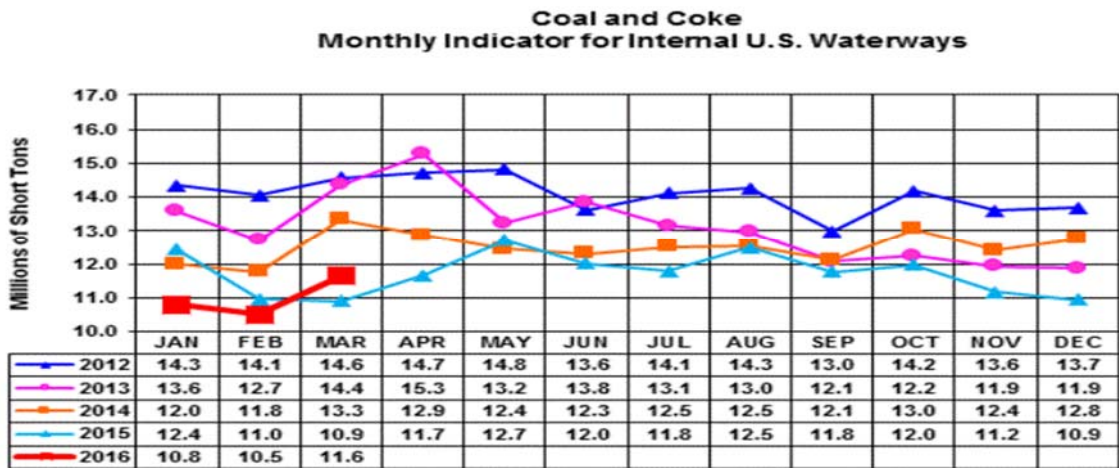


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



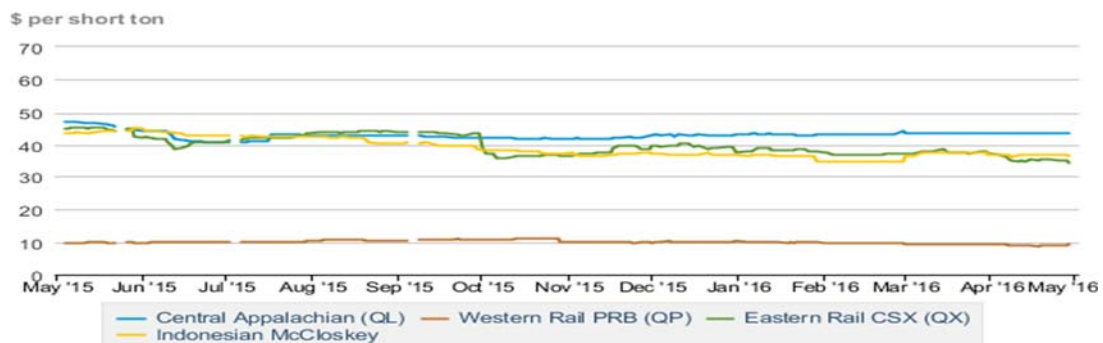
Source: Trade Tech, Uranium Info Website – www.uranium.info



Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center

NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



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

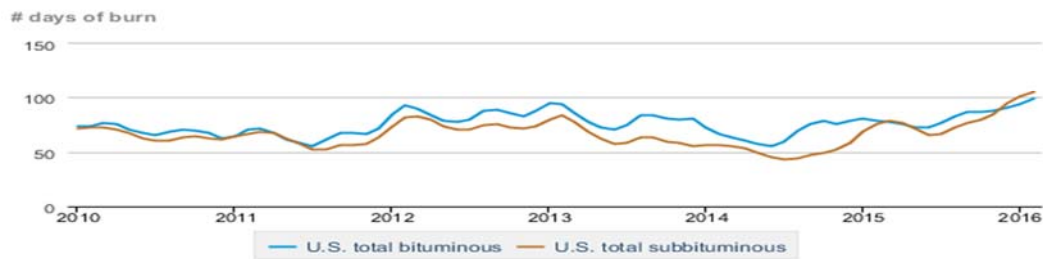
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	04/08/16	04/15/16	04/22/16	04/29/16	05/06/16	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.30	\$42.30	\$42.30	\$40.50	\$40.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.60	\$46.60	\$46.60	\$43.55	\$43.55	\$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	\$9.35	\$9.35	\$9.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.80	\$37.80	\$37.80	\$37.80	\$37.80	\$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 - February 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Apr 28)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	100	-9	-26	0	0	0
Middle Atlantic	75	-17	-46	0	0	0
E N Central	81	-15	-55	1	0	1
W N Central	74	-12	-25	3	0	3
South Atlantic	19	-22	-47	34	13	4
E S Central	11	-26	-45	23	15	18
W S Central	6	-7	-11	45	16	8
Mountain	88	-7	-3	8	-3	3
Pacific	66	11	23	0	-4	-4
United States	61	-10	-27	13	3	3

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)



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	February 2016		February 2015			January 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	7,725	113	5,982	85	29.1%	7,963	100	-3.0%
	Subbituminous	545	303	747	260	-27.1%	652	220	-16.5%
South	Bituminous	34,970	99	30,211	81	15.8%	35,788	97	-2.3%
	Subbituminous	7,689	99	5,942	80	29.4%	7,792	98	-1.3%
Midwest	Bituminous	17,391	99	13,392	74	29.9%	17,447	91	-0.3%
	Subbituminous	46,504	95	32,575	64	42.8%	46,617	87	-0.2%
West	Bituminous	5,313	85	4,746	74	11.9%	4,852	78	9.5%
	Subbituminous	42,051	121	30,848	91	36.3%	40,971	121	2.6%
U.S. Total	Bituminous	65,400	99	54,331	79	20.4%	66,051	94	-1.0%
	Subbituminous	96,789	105	70,112	76	38.0%	96,032	101	0.8%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

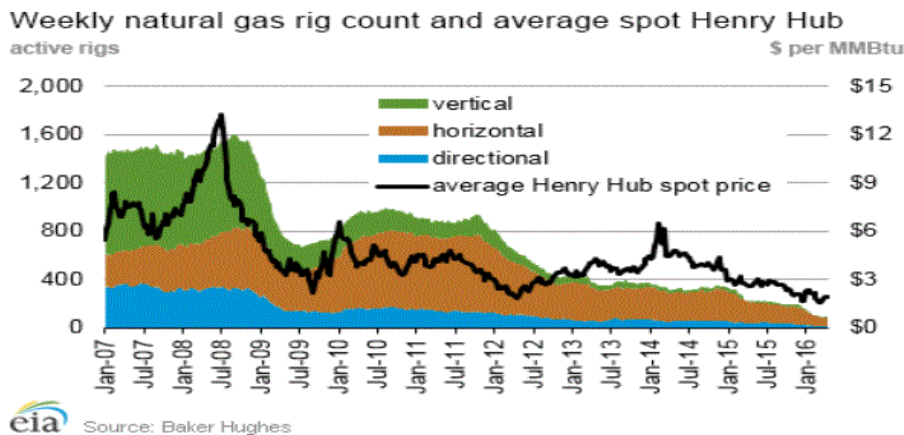
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-04-29	2016-04-22	change
East	454	431	23
Midwest	566	554	12
Mountain	157	155	2
Pacific	284	277	7
South Central	1,164	1,140	24
Total	2,625	2,557	68

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		
	April 2016	May 2016	change	April 2016	May 2016	change
Bakken	757	767	10	957	966	9
Eagle Ford	840	852	12	2,829	2,838	9
Haynesville	27	27	-	5,406	5,476	70
Marcellus	65	65	-	10,851	10,987	136
Niobrara	863	885	22	2,544	2,609	65
Permian	458	468	10	838	846	8
Utica	319	331	12	7,036	7,115	79
Rig-weighted average	541	532	(9)	2,690	2,836	146

Source: Energy Information Administration, *Drilling Productivity Report*