
National Mining Association

Weekly Statistical Summary

May 27, 2016 Edition
(Data for Week Ending May 21, 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. 21
Dated 05/27/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/21/16	05/23/15	% Chng	05/21/16	05/21/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,702	16,071	-27.2%	245,194	363,435	-32.5%
52 Weeks Ended	773,195	974,950	-20.7%			
AAR Coal Rail Cars Loaded:	66,709	93,796	-28.9%	1,393,413	2,092,343	-33.4%
Coal Production Month Ended - Apr	Apr 16/15		% Chng	Jan - Apr 16/15		% Chng
	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		
	05/21/16	05/23/15	% Chng	05/21/16	05/23/15	% Chng
EI Electric Total Output (Mil. Kwh)	68,783	71,728	-4.1%	1,519,387	1,579,414	-3.8%
EI Coal Region Output (Mil. Kwh)	58,920	62,105	-5.1%	1,301,662	1,358,860	-4.2%
AISI Raw Steel Output (000 Tons)	1,756	1,704	3.1%	35,240	35,603	-1.0%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	05/20/16	05/13/16	% Chng	Wed.	05/18/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	0.0%	Henry Hub	1.91
Northern App, 13,000 Btu, < 3.0 SO ₂	43.55	43.55	0.0%	New York	1.40
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	1.83
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.35	9.35	0.0%	Cal.Comp.Avg.	1.83
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		
	5/21/2016 (week 21)	5/14/2016 (week 20)	5/23/2015 (week 21)	5/21/2016	5/21/2015	% Change	5/21/2016	5/23/2015	% Change
Alabama	169	156	267	3,754	6,080	-38.3	10,633	15,940	-33.3
Alaska	16	16	26	293	467	-37.3	1,012	1,328	-23.8
Arizona	93	93	146	1,944	2,871	-32.3	5,837	7,884	-26.0
Arkansas	1	1	2	32	37	-14.1	86	101	-14.9
Colorado	236	233	387	5,105	8,228	-37.9	15,492	23,150	-33.1
Illinois	761	720	1,018	16,929	24,612	-31.2	48,177	60,573	-20.5
Indiana	457	447	653	9,662	14,470	-33.2	29,438	38,247	-23.0
Kansas	3	3	4	68	82	-17.4	184	140	31.4
Kentucky Total	772	761	1,201	16,204	26,037	-37.8	51,175	72,378	-29.3
Eastern (KY)	337	334	562	7,134	11,987	-40.5	22,910	34,500	-33.6
Western (KY)	435	427	639	9,070	14,051	-35.4	28,265	37,877	-25.4
Louisiana	50	47	52	1,062	1,160	-8.5	3,326	3,475	-4.3
Maryland	29	29	37	592	844	-29.9	1,887	2,047	-7.8
Mississippi	43	42	62	816	1,258	-35.1	2,684	3,456	-22.3
Missouri	2	2	3	37	64	-41.8	111	298	-62.8
Montana	545	528	745	11,925	16,637	-28.3	36,943	45,880	-19.5
New Mexico	269	269	377	4,835	6,764	-28.5	17,307	19,565	-11.5
North Dakota	413	402	521	8,242	11,403	-27.7	25,496	28,627	-10.9
Ohio	201	193	304	4,351	7,457	-41.7	14,004	20,458	-31.5
Oklahoma	11	11	16	211	325	-35.2	661	847	-22.0
Pennsylvania Total	648	626	912	13,554	20,724	-34.6	43,845	57,885	-24.3
Anthracite (PA)	33	34	39	634	773	-18.1	1,994	2,005	-0.5
Bituminous (PA)	615	592	873	12,920	19,950	-35.2	41,851	55,881	-25.1
Tennessee	13	13	18	256	336	-23.8	765	878	-12.9
Texas	398	372	509	7,912	11,871	-33.4	30,922	39,206	-21.1
Utah	189	185	273	3,804	5,700	-33.3	12,852	16,546	-22.3
Virginia	188	187	271	3,794	5,760	-34.1	11,815	14,808	-20.2
West Virginia Total	1,223	1,167	1,790	25,964	40,967	-36.6	80,018	107,937	-25.9
Northern (WV)	641	624	839	13,409	19,664	-31.8	41,159	48,987	-16.0
Southern (WV)	582	543	951	12,554	21,303	-41.1	38,859	58,950	-34.1
Wyoming	4,971	4,866	6,479	103,848	149,280	-30.4	328,527	393,295	-16.5
Appalachian Total	2,808	2,705	4,160	59,399	94,156	-36.9	185,876	254,454	-27.0
Interior Total	2,161	2,072	2,959	45,798	67,930	-32.6	143,853	184,221	-21.9
Western Total	6,733	6,593	8,953	139,997	201,349	-30.5	443,465	536,275	-17.3
East of Mississippi River	4,504	4,341	6,532	95,876	148,547	-35.5	294,440	394,608	-25.4
West of Mississippi River	7,198	7,028	9,539	149,318	214,889	-30.5	478,754	580,342	-17.5
Bituminous and Lignite	11,669	11,335	16,032	244,560	362,662	-32.6	771,201	972,946	-20.7
Anthracite	33	34	39	634	773	-18.1	1,994	2,005	-0.5
U.S. Total	11,702	11,369	16,071	245,194	363,435	-32.5	773,195	974,950	-20.7
Railroad Cars Loaded	66,709	64,800	93,796	1,393,413	2,092,343	-33.4	4,428,652	5,675,028	-22.0

Source: Energy Information Administration

Prepared by EEI's Business Information Group



WEEKLY ELECTRIC OUTPUT

Volume 84 No. 21

OUTPUT FOR WEEK ENDED - May 21, 2016

May 25, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 21, 2016** was **68,783** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **161** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 21		52 Weeks Ended May 21	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,021	-4.9	123,353	-3.0
Mid-Atlantic	7,048	-9.3	429,432	-3.1
Central Industrial	11,235	-4.3	658,840	-3.5
West Central	5,609	-3.9	325,573	-1.1
Southeast	18,117	-7.0	1,005,512	-1.2
South Central	12,361	-5.3	701,092	0.0
Rocky Mountain	4,550	7.9	277,680	1.5
Pacific Northwest	2,574	1.3	153,085	0.8
Pacific Southwest	5,268	6.3	284,795	0.2
Total United States	68,783	-4.1	3,959,361	-1.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
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 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 21	1,519,387	May 23	1,579,414	-3.8	YEAR TO DATE, FIRST 21 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Apr 30	176	May 02	158	May 03	174
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

* 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		
	21-May 2016 GWh Output	23-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	21-May 2016 GWh Output	23-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	21-May 2016 GWh Output	23-May 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,021	2,125	-4.9%	47,841	51,382	-6.9%	123,353	127,173	-3.0%
Mid-Atlantic	7,048	7,770	-9.3%	163,996	178,922	-8.3%	429,432	443,040	-3.1%
Central Industrial	11,235	11,738	-4.3%	263,792	279,270	-5.5%	658,840	682,851	-3.5%
West Central	5,609	5,836	-3.9%	125,329	129,591	-3.3%	325,573	329,236	-1.1%
Southeast	18,117	19,487	-7.0%	390,097	405,358	-3.8%	1,005,512	1,017,378	-1.2%
South Central	12,361	13,056	-5.3%	257,016	265,151	-3.1%	701,092	700,787	0.0%
Rocky Mountain	4,550	4,218	7.9%	101,432	100,568	0.9%	277,680	273,581	1.5%
Pacific Northwest	2,574	2,542	1.3%	64,889	63,947	1.5%	153,085	151,852	0.8%
Pacific Southwest	5,268	4,956	6.3%	104,995	105,226	-0.2%	284,795	284,162	0.2%
Total United States ^{1/}	68,783	71,728	-4.1%	1,519,387	1,579,415	-3.8%	3,959,362	4,010,060	-1.3%
Coal Regions Only ^{2/}	58,920	62,105	-5.1%	1,301,662	1,358,860	-4.2%	3,398,129	3,446,873	-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*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

May 23, 2016

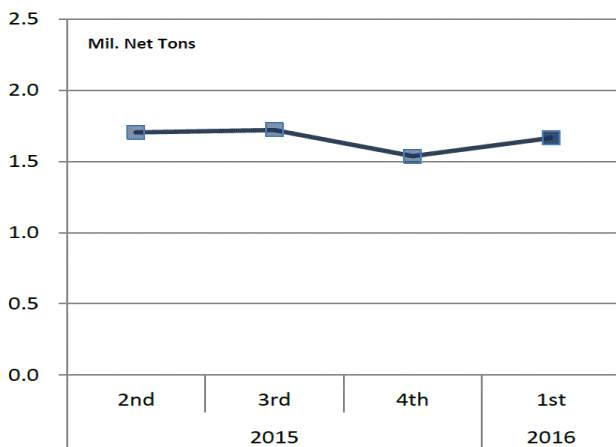
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 21</u>	<u>May 14</u>	
<u>Week Ending</u>						
				North East	209	198
				Great Lakes	656	613
				Midwest	158	176
				Southern	652	648
				Western	81	92
				Total	1,756	1,727
<u>Year-to-Date +</u>						
May 21, 2016	1,756	1.7	75.1			
May 21, 2015	1,704	3.1	72.1			
May 14, 2016	1,727	-1.2	73.9			
May 21, 2016	35,240	-1.0	71.8			
May 21, 2015	35,603	-	71.6			

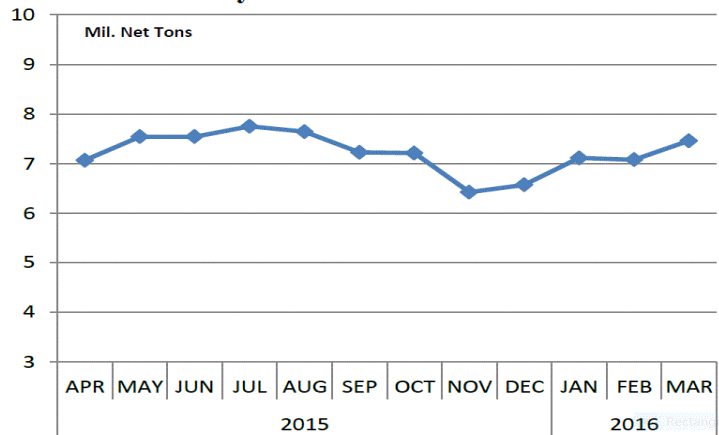
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

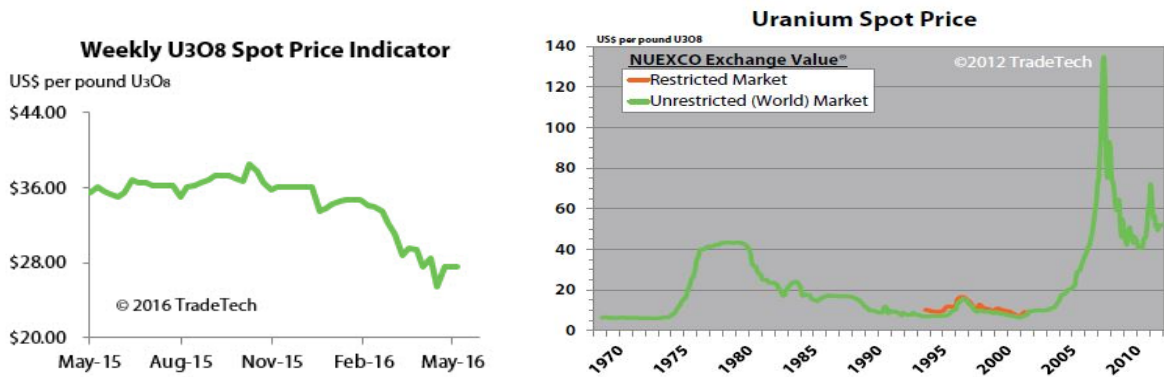


Source: Kitco website - www.kitco.com/connecting.html

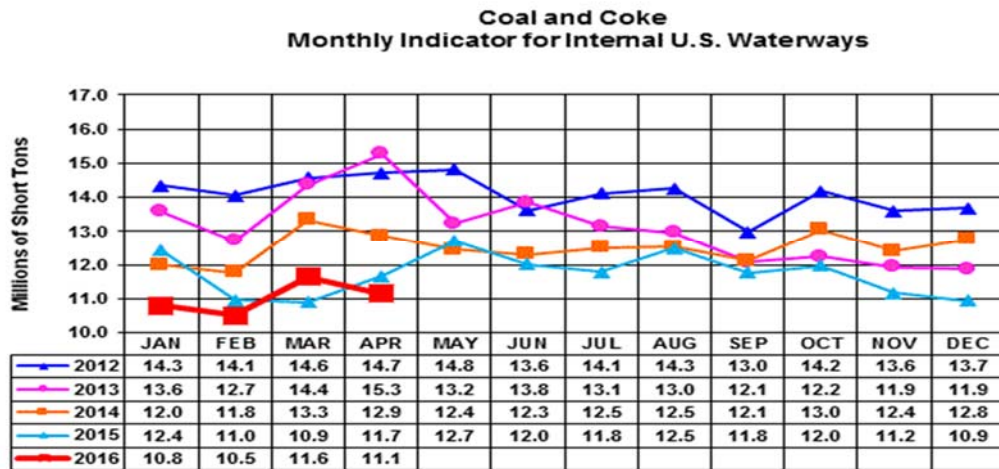


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators

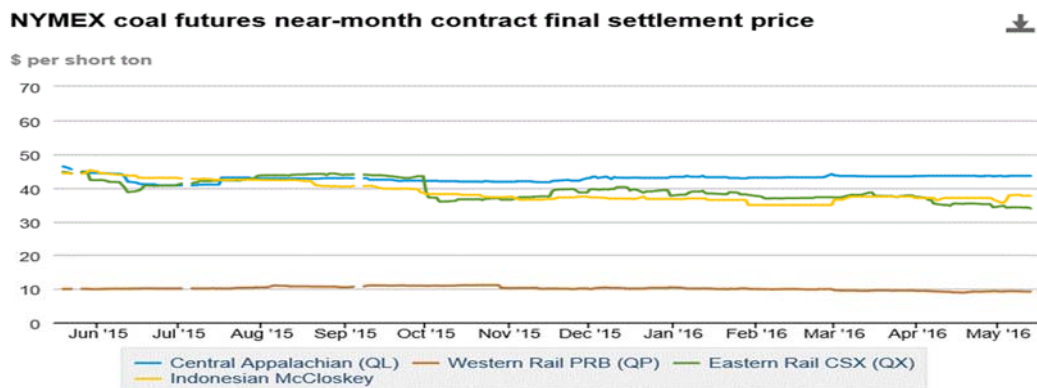


Source: Trade Tech, Uranium Info Website – www.uranium.info



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

NYMEX Coal Futures Near-month Contract Final Settlement Price



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

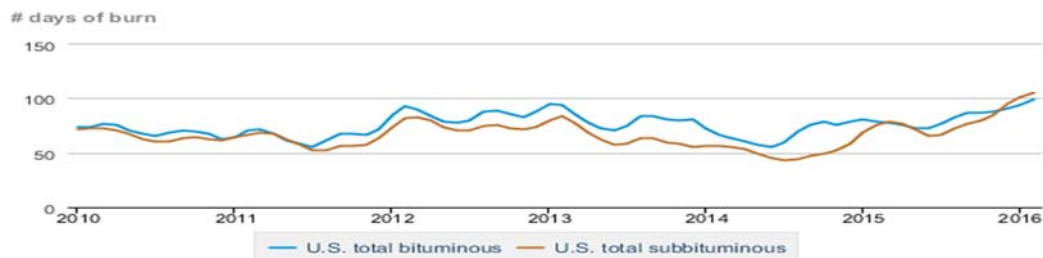
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	04/22/16	04/29/16	05/06/16	05/13/16	05/20/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.30	\$40.50	\$40.50	\$40.50	\$40.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.60	\$43.55	\$43.55	\$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 May 12)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	77	1	58	0	0	-13
Middle Atlantic	66	4	55	0	-2	-24
E N Central	52	-15	16	1	-6	-17
W N Central	41	-17	-24	7	-1	1
South Atlantic	28	3	26	34	3	-31
E S Central	15	-8	11	34	12	-17
W S Central	5	-1	-2	56	10	-1
Mountain	65	-7	-20	12	-3	5
Pacific	32	-13	-23	3	-3	3
United States	43	-7	9	17	1	-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	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	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*

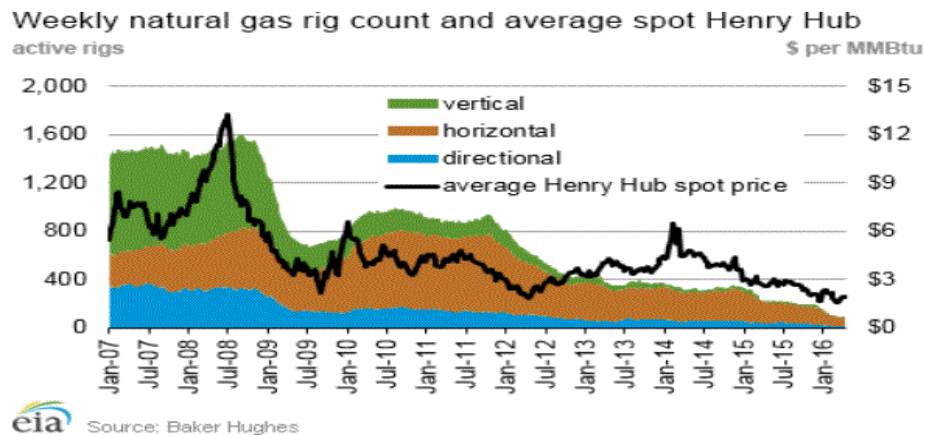
EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-05-13	2016-05-06	change
East	490	468	22
Midwest	606	582	24
Mountain	166	161	5
Pacific	293	288	5
South Central	1,199	1,182	17
Total	2,754	2,681	73

Source: U.S. Energy Information Administration

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		
	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
Rig-weighted average	562	575	13	2,894	3,005	111

Source: Energy Information Administration, *Drilling Productivity Report*