
National Mining Association

Weekly Statistical Summary

June 10, 2016 Edition
(Data for Week Ending June 4, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 23
Dated 06/10/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/04/16	06/06/15	% Chng	06/04/16	06/04/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,011	15,138	-20.7%	276,647	393,917	-29.8%
52 Weeks Ended	774,427	967,721	-20.0%			
AAR Coal Rail Cars Loaded:	68,008	88,346	-23.0%	1,527,253	2,270,249	-32.7%
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		% Chng	Jan - Apr 16/15		% 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		
	06/04/16	06/06/15	% Chng	06/04/16	06/06/15	% Chng
EI Electric Total Output (Mil. Kwh)	78,248	74,764	4.7%	1,673,396	1,729,460	-3.2%
EI Coal Region Output (Mil. Kwh)	67,460	64,625	4.4%	1,434,895	1,488,711	-3.6%
AISI Raw Steel Output (000 Tons)	1,760	1,744	0.9%	38,776	39,051	-0.7%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	06/03/16	05/27/16	% Chng	Wed.	06/01/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	0.0%	Henry Hub	2.26
Northern App, 13,000 Btu, < 3.0 SO ₂	42.10	42.10	0.0%	New York	1.71
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	2.24
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.80	8.80	0.0%	Cal.Comp.Avg.	2.28
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		
	6/4/2016 (week 23)	5/28/2016 (week 22)	6/6/2015 (week 23)	6/4/2016	6/4/2015	% Change	6/4/2016	6/6/2015	% Change
Alabama	154	169	252	3,912	6,587	-40.6	10,289	15,897	-35.3
Alaska	19	14	25	450	517	-12.9	1,120	1,317	-15.0
Arizona	95	89	137	2,156	3,147	-31.5	5,775	7,877	-26.7
Arkansas	1	1	2	23	41	-43.4	73	101	-27.7
Colorado	234	229	364	4,562	8,961	-49.1	14,221	22,884	-37.9
Illinois	728	749	959	17,959	26,543	-32.3	47,293	60,413	-21.7
Indiana	474	446	615	11,269	15,708	-28.3	29,818	38,005	-21.5
Kansas	3	3	4	55	89	-38.5	164	147	11.6
Kentucky Total	805	744	1,131	18,168	28,315	-35.8	50,881	71,606	-28.9
Eastern (KY)	354	322	529	7,560	13,052	-42.1	22,280	33,991	-34.5
Western (KY)	452	422	602	10,609	15,263	-30.5	28,601	37,615	-24.0
Louisiana	45	56	49	1,109	1,259	-11.9	3,275	3,527	-7.1
Maryland	29	28	35	617	915	-32.6	1,842	2,040	-9.7
Mississippi	48	43	59	1,159	1,376	-15.8	2,910	3,429	-15.1
Missouri	2	2	3	57	70	-18.8	124	287	-56.8
Montana	550	547	701	12,268	18,050	-32.0	35,886	45,608	-21.3
New Mexico	314	273	355	6,755	7,478	-9.7	18,518	19,386	-4.5
North Dakota	437	410	490	10,888	12,390	-12.1	27,162	28,577	-5.0
Ohio	221	195	286	5,674	8,033	-29.4	14,756	20,068	-26.5
Oklahoma	11	10	15	261	355	-26.5	682	842	-19.0
Pennsylvania Total	684	651	859	16,115	22,453	-28.2	44,691	57,220	-21.9
Anthracite (PA)	35	33	37	730	848	-13.9	2,017	2,012	0.2
Bituminous (PA)	649	618	822	15,385	21,606	-28.8	42,675	55,208	-22.7
Tennessee	14	12	17	342	370	-7.4	818	884	-7.5
Texas	462	430	480	13,570	12,838	5.7	35,622	38,598	-7.7
Utah	210	190	258	5,065	6,219	-18.6	13,599	16,363	-16.9
Virginia	204	179	255	4,859	6,274	-22.6	12,370	14,708	-15.9
West Virginia Total	1,239	1,200	1,686	30,008	44,362	-32.4	80,697	106,858	-24.5
Northern (WV)	661	617	790	15,923	21,254	-25.1	42,095	48,716	-13.6
Southern (WV)	579	583	896	14,086	23,108	-39.0	38,602	58,141	-33.6
Wyoming	5,027	4,876	6,103	109,345	161,569	-32.3	321,840	391,082	-17.7
Appalachian Total	2,898	2,756	3,918	69,087	102,045	-32.3	187,742	251,664	-25.4
Interior Total	2,226	2,163	2,787	56,070	73,541	-23.8	148,562	182,963	-18.8
Western Total	6,886	6,628	8,433	151,489	218,330	-30.6	438,122	533,094	-17.8
East of Mississippi River	4,600	4,417	6,152	110,082	160,935	-31.6	296,364	391,126	-24.2
West of Mississippi River	7,411	7,131	8,985	166,564	232,981	-28.5	478,063	576,595	-17.1
Bituminous and Lignite	11,976	11,514	15,101	275,916	393,069	-29.8	772,411	965,709	-20.0
Anthracite	35	33	37	730	848	-13.9	2,017	2,012	0.2
U.S. Total	12,011	11,547	15,138	276,647	393,917	-29.8	774,427	967,721	-20.0
Railroad Cars Loaded	68,008	65,832	88,346	1,527,253	2,270,249	-32.7	4,386,121	5,629,766	-22.1

Source: Energy Information Administration

EEI Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 23

OUTPUT FOR WEEK ENDED - Jun 04, 2016

Jun 08, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 04, 2016 was 78,248 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 04		52 Weeks Ended June 04	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,338	8.4	123,413	-3.1
Mid-Atlantic	8,846	13.2	429,899	-3.1
Central Industrial	13,058	10.6	660,530	-3.0
West Central	6,210	1.9	326,028	-0.7
Southeast	20,722	6.2	1,006,301	-1.0
South Central	13,375	-6.7	701,089	0.2
Rocky Mountain	5,249	3.7	277,662	1.9
Pacific Northwest	2,652	0.3	153,173	0.9
Pacific Southwest	5,798	8.6	285,230	0.7
Total United States	78,248	4.7	3,963,325	-1.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
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
Jun 04	78,248	Jun 06	74,764	4.7	Jun 04	3,963,324	-1.0
Jun 04	1,673,396	Jun 06	1,729,460	-3.2	YEAR TO DATE, FIRST 23 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
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
Jun 04	171	Jun 06	179	Jun 07	177

* 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		
	4-Jun 2016 GWh Output	6-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015	4-Jun 2016 GWh Output	6-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015	4-Jun 2016 GWh Output	6-Jun 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,338	2,157	8.4%	52,443	55,924	-6.2%	123,413	127,315	-3.1%
Mid-Atlantic	8,846	7,812	13.2%	180,962	195,421	-7.4%	429,899	443,673	-3.1%
Central Industrial	13,058	11,804	10.6%	289,807	303,595	-4.5%	660,530	681,107	-3.0%
West Central	6,210	6,096	1.9%	137,680	141,486	-2.7%	326,028	328,279	-0.7%
Southeast	20,722	19,519	6.2%	430,853	445,324	-3.2%	1,006,301	1,016,708	-1.0%
South Central	13,375	14,330	-6.7%	284,517	292,655	-2.8%	701,089	700,017	0.2%
Rocky Mountain	5,249	5,064	3.7%	111,076	110,230	0.8%	277,662	272,486	1.9%
Pacific Northwest	2,652	2,643	0.3%	70,149	69,120	1.5%	153,173	151,818	0.9%
Pacific Southwest	5,798	5,339	8.6%	115,910	115,706	0.2%	285,230	283,279	0.7%
Total United States ^{1/}	78,248	74,764	4.7%	1,673,397	1,729,461	-3.2%	3,963,325	4,004,682	-1.0%
Coal Regions Only ^{2/}	67,460	64,625	4.4%	1,434,895	1,488,711	-3.6%	3,401,509	3,442,270	-1.2%

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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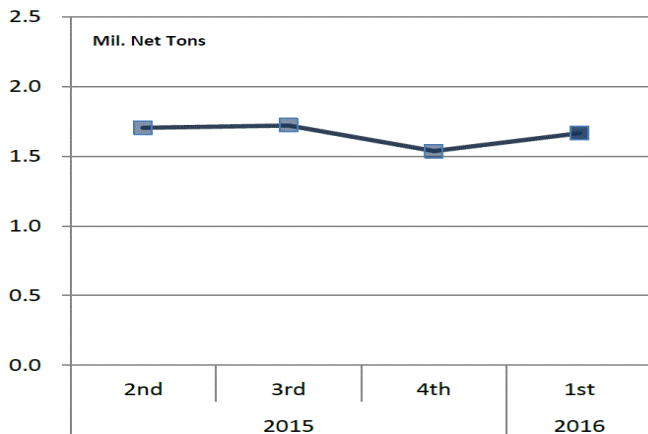
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 June 4</u>	<u>Week Ending May 28</u>	
<u>Week Ending</u>				North East	205	206
				Great Lakes	673	663
June 4, 2016	1,760	-0.8	75.3	Midwest	182	165
June 4, 2015	1,744	0.9	73.7	Southern	607	649
May 28, 2016	1,775	1.1	75.9	Western	93	92
				Total	1,760	1,775
<u>Year-to-Date +</u>						
June 4, 2016	38,776	-0.7	72.1			
June 4, 2015	39,051	-	71.8			

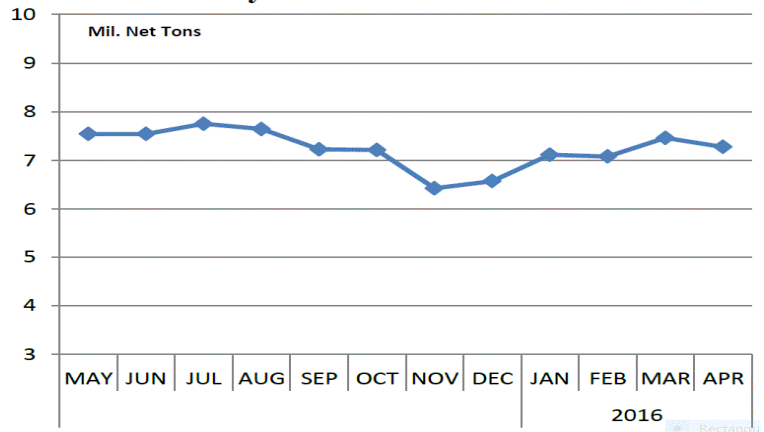
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

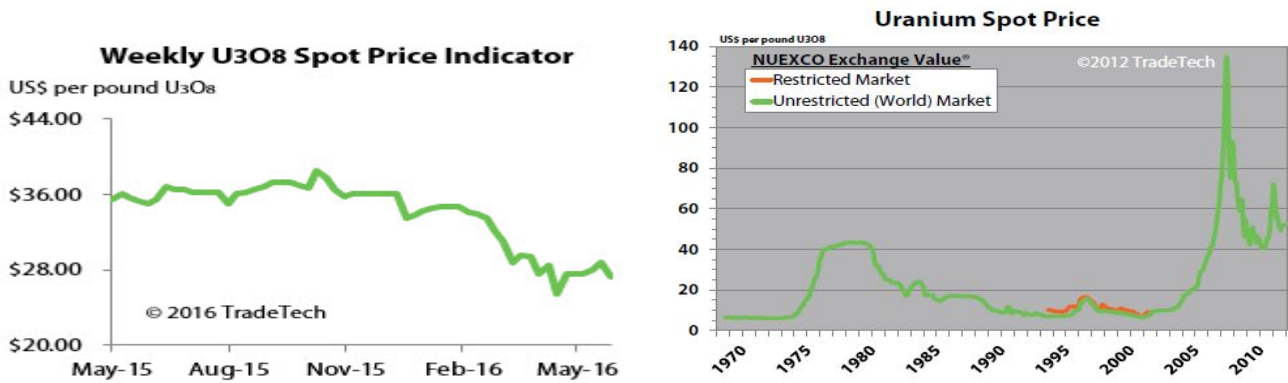


Source: Kitco website - www.kitco.com/connecting.html



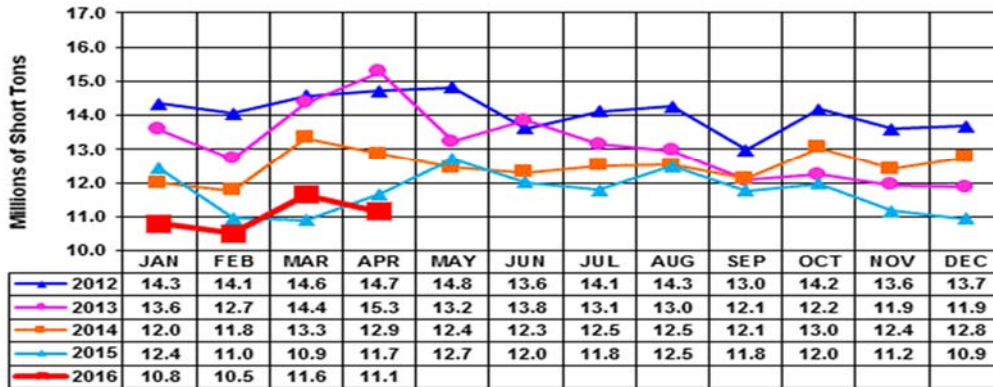
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



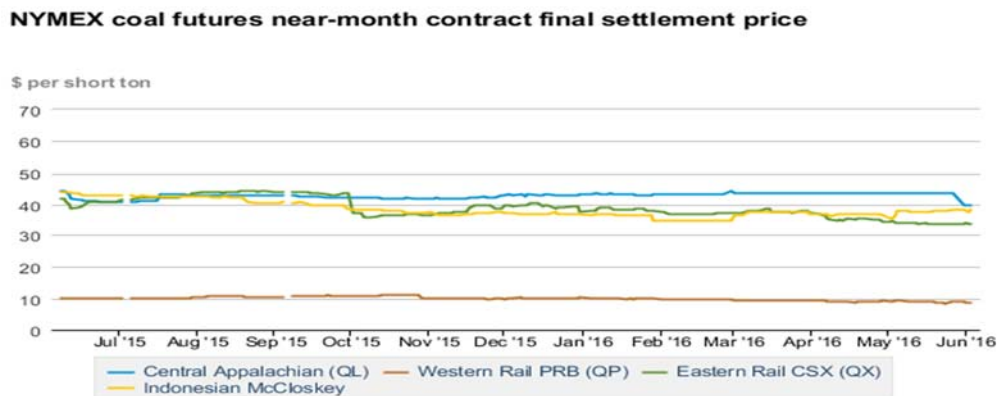
Source: Trade Tech, Uranium Info Website – www.uranium.info

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.

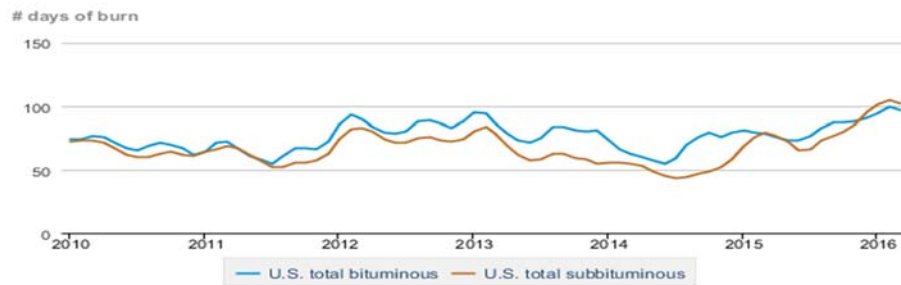
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	05/06/16	05/13/16	05/20/16	05/27/16	06/03/16	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	\$43.55	\$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	\$9.35	\$8.80	\$8.80	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.80	\$37.80	\$37.80	\$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 May 26)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	29	-17	-6	8	6	-5
Middle Atlantic	25	-9	-8	11	3	-9
E N Central	23	-17	-6	16	0	-3
W N Central	17	-18	-20	22	2	10
South Atlantic	17	4	4	47	-1	-13
E S Central	11	-1	-3	37	-2	-2
W S Central	2	0	-5	77	10	23
Mountain	47	-2	-14	15	-12	3
Pacific	52	21	20	0	-9	-1
United States	27	-4	-2	27	-1	-1

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

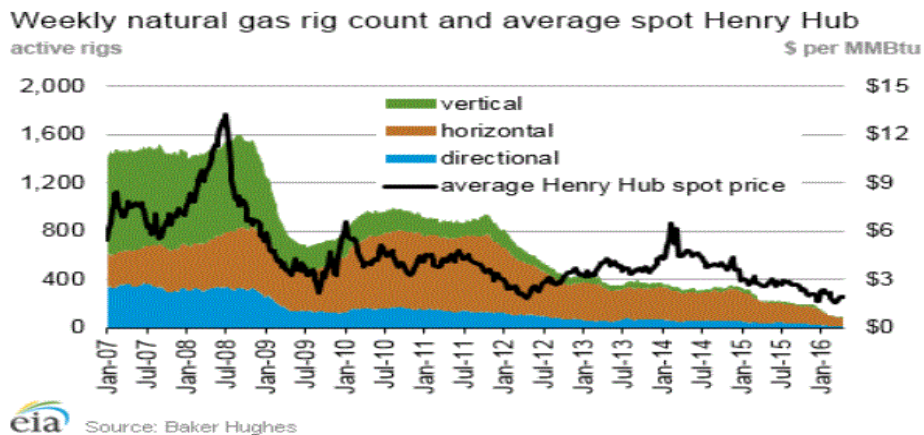
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-05-27	2016-05-20	change
East	537	511	26
Midwest	655	629	26
Mountain	178	171	7
Pacific	304	298	6
South Central	1,233	1,216	17
Total	2,907	2,825	82

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

Source: Energy Information Administration, *Drilling Productivity Report*