
National Mining Association

Weekly Statistical Summary

April 8, 2016 Edition
(Data for Week Ending April 2, 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		
	04/02/16	04/04/15	% Chng	04/02/16	04/02/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,978	17,688	-37.9%	168,251	245,447	-31.5%
52 Weeks Ended	813,832	990,831	-17.9%			
AAR Coal Rail Cars Loaded:	62,256	102,298	-39.1%	955,272	1,403,739	-31.9%
Coal Production Month Ended - Mar	Mar 16/15		% Chng	Jan - Mar 16/15		% Chng
	52,441	81,430	-35.6%	165,133	240,189	-31.2%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Feb 16/15		% Chng	Jan - Feb 16/15		% Chng
Metallurgical	3,495	3,240	7.9%	6,557	8,218	-20.2%
Steam (bit.) *	1,010	3,240	-68.8%	2,311	6,072	-61.9%
Lignite	6	5	20.0%	11	11	0.0%
Anthracite	5	14	-64.3%	73	73	0.0%
Total	4,516	6,499	-30.5%	8,952	14,374	-37.7%
Imports:	819	866	-5.4%	1,512	2,158	-29.9%

	Week Ended			Cumulative Jan 1 to		
	04/02/16	04/04/15	% Chng	04/02/16	04/04/15	% Chng
EI Electric Total Output (Mil. Kwh)	67,204	69,177	-2.9%	1,039,126	1,092,724	-4.9%
EI Coal Region Output (Mil. Kwh)	57,409	58,881	-2.5%	890,360	941,196	-5.4%
AISI Raw Steel Output (000 Tons)	1,650	1,615	2.2%	23,180	23,895	-3.0%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	04/01/16	03/18/16	% Chng	Wed.	03/30/16
Central App, 12,500 Btu, 1.2 SO ₂	\$42.30	\$42.25	0.1%	Henry Hub	1.84
Northern App, 13,000 Btu, < 3.0 SO ₂	46.60	48.60	-4.1%	New York	1.28
Illinois Basin, 11,800, 5.0 SO ₂	31.70	32.20	-1.6%	Chicago	1.95
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.35	9.45	-1.1%	Cal.Comp.Avg.	1.84
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.80	38.05	-0.7%		

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		
	4/2/2016 (week 14)	3/26/2016 (week 13)	4/4/2015 (week 14)	4/2/2016	4/2/2015	% Change	4/2/2016	4/4/2015	% Change
Alabama	161	184	295	2,654	4,117	-35.5	11,489	15,929	-27.9
Alaska	14	14	25	190	274	-30.6	1,102	1,353	-18.6
Arizona	85	95	147	1,332	1,802	-26.1	6,290	7,820	-19.6
Arkansas	1	2	2	23	22	3.1	92	98	-6.1
Colorado	219	250	409	3,552	5,390	-34.1	16,766	23,859	-29.7
Illinois	720	839	1,170	11,966	17,140	-30.2	50,661	60,518	-16.3
Indiana	429	461	709	6,660	9,676	-31.2	31,213	38,709	-19.4
Kansas	3	3	4	47	54	-13.9	190	115	65.2
Kentucky Total	726	774	1,287	11,141	17,223	-35.3	54,895	74,390	-26.2
Eastern (KY)	317	344	596	4,925	7,864	-37.4	24,809	35,970	-31.0
Western (KY)	409	431	691	6,216	9,359	-33.6	30,086	38,420	-21.7
Louisiana	44	50	57	723	777	-6.9	3,369	3,260	3.3
Maryland	28	27	41	400	571	-29.9	1,967	2,052	-4.1
Mississippi	37	38	64	531	801	-33.8	2,854	3,516	-18.8
Missouri	2	2	3	26	42	-37.7	122	335	-63.6
Montana	510	575	813	8,327	11,170	-25.5	38,793	46,393	-16.4
New Mexico	244	194	360	3,036	3,999	-24.1	18,263	19,971	-8.6
North Dakota	384	377	561	5,521	7,581	-27.2	26,583	28,484	-6.7
Ohio	197	205	353	3,040	5,229	-41.9	14,913	21,661	-31.2
Oklahoma	10	10	16	141	208	-32.2	708	857	-17.4
Pennsylvania Total	607	634	1,007	9,278	14,028	-33.9	46,241	59,696	-22.5
Anthracite (PA)	30	27	40	412	486	-15.1	2,059	1,954	5.4
Bituminous (PA)	577	607	967	8,866	13,543	-34.5	44,182	57,743	-23.5
Tennessee	11	13	17	174	207	-16.0	811	848	-4.4
Texas	362	354	572	5,252	8,131	-35.4	31,990	41,058	-22.1
Utah	171	179	286	2,553	3,693	-30.9	13,601	17,029	-20.1
Virginia	175	180	287	2,562	3,774	-32.1	12,563	15,000	-16.2
West Virginia Total	1,169	1,229	1,985	17,975	27,825	-35.4	85,126	110,682	-23.1
Northern (WV)	616	628	945	9,222	13,506	-31.7	43,108	49,437	-12.8
Southern (WV)	553	601	1,040	8,754	14,319	-38.9	42,018	61,245	-31.4
Wyoming	4,668	4,917	7,218	71,148	101,713	-30.1	343,229	397,199	-13.6
Appalachian Total	2,666	2,814	4,581	41,008	63,616	-35.5	197,920	261,838	-24.4
Interior Total	2,017	2,189	3,288	31,584	46,210	-31.7	151,284	186,886	-19.1
Western Total	6,295	6,600	9,819	95,659	135,621	-29.5	464,628	542,107	-14.3
East of Mississippi River	4,262	4,583	7,215	66,380	100,592	-34.0	312,733	403,001	-22.4
West of Mississippi River	6,716	7,021	10,473	101,871	144,855	-29.7	501,099	587,830	-14.8
Bituminous and Lignite	10,948	11,576	17,649	167,839	244,962	-31.5	811,773	988,877	-17.9
Anthracite	30	27	40	412	486	-15.1	2,059	1,954	5.4
U.S. Total	10,978	11,604	17,688	168,251	245,447	-31.5	813,832	990,831	-17.9
Railroad Cars Loaded	62,256	66,281	102,298	955,272	1,403,739	-31.9	4,676,735	5,778,655	-19.1

Source: Energy Information Administration

Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 14

OUTPUT FOR WEEK ENDED - Apr 02, 2016

Apr 06, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Apr 02, 2016 was 67,204 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 169 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended April 02		52 Weeks Ended April 02	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,134	-6.3	123,671	-2.9
Mid-Atlantic	7,095	-6.7	431,720	-2.4
Central Industrial	11,614	-4.2	660,392	-3.4
West Central	5,602	-1.6	326,126	-0.9
Southeast	17,054	0.4	1,008,428	-0.7
South Central	11,640	-1.5	700,172	0.1
Rocky Mountain	4,404	-5.5	277,654	1.1
Pacific Northwest	2,875	-2.5	153,201	0.8
Pacific Southwest	4,786	-5.6	284,426	-0.5
Total United States	67,204	-2.9	3,965,790	-1.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
Mar 12	68,466	Mar 14	70,995	-3.6	Mar 12	3,973,203	-1.0
Mar 19	68,254	Mar 21	70,450	-3.1	Mar 19	3,971,006	-1.0
Mar 26	67,689	Mar 28	70,933	-4.6	Mar 26	3,967,762	-1.1
Apr 02	67,204	Apr 04	69,177	-2.9	Apr 02	3,965,790	-1.1
Apr 02	1,039,126	Apr 04	1,092,724	-4.9	YEAR TO DATE, FIRST 14 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
Mar 12	175	Mar 14	160	Mar 15	172
Mar 19	175	Mar 21	161	Mar 22	176
Mar 26	168	Mar 28	165	Mar 29	181
Apr 02	169	Apr 04	160	Apr 05	174

* 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		
	2-Apr 2016 GWh Output	4-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015	2-Apr 2016 GWh Output	4-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015	2-Apr 2016 GWh Output	4-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,134	2,277	-6.3%	33,216	36,439	-8.8%	123,671	127,348	-2.9%
Mid-Atlantic	7,095	7,601	-6.7%	113,895	126,532	-10.0%	431,720	442,399	-2.4%
Central Industrial	11,614	12,120	-4.2%	182,355	196,282	-7.1%	660,392	683,416	-3.4%
West Central	5,602	5,692	-1.6%	85,547	89,256	-4.2%	326,126	329,032	-0.9%
Southeast	17,054	16,994	0.4%	268,107	280,453	-4.4%	1,008,428	1,015,812	-0.7%
South Central	11,640	11,814	-1.5%	170,142	179,197	-5.1%	700,172	699,798	0.1%
Rocky Mountain	4,404	4,660	-5.5%	70,314	69,476	1.2%	277,654	274,600	1.1%
Pacific Northwest	2,875	2,947	-2.4%	46,209	45,150	2.3%	153,201	151,921	0.8%
Pacific Southwest	4,786	5,072	-5.6%	69,340	69,940	-0.9%	284,426	285,797	-0.5%
Total United States ^{1/}	<u>67,204</u>	<u>69,177</u>	-2.9%	<u>1,039,125</u>	<u>1,092,725</u>	<u>-4.9%</u>	<u>3,965,790</u>	<u>4,010,123</u>	-1.1%
Coal Regions Only ^{2/}	57,409	58,881	-2.5%	890,360	941,196	-5.4%	3,404,492	3,445,057	-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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April 4, 2016

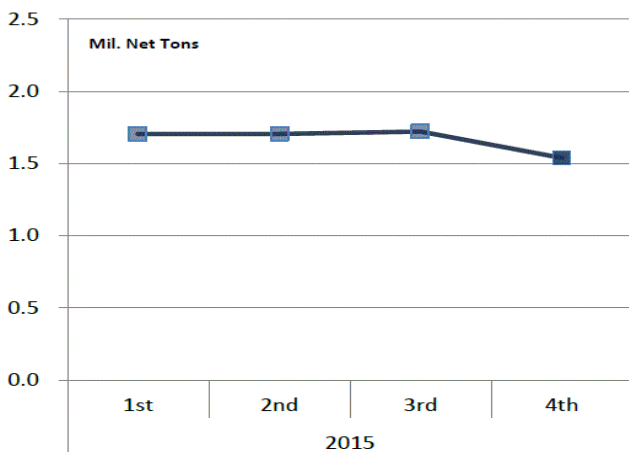
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Apr 2</u>	<u>Mar 26</u>	
<u>Week Ending</u>				North East	203	199
				Great Lakes	681	670
April 2, 2016	1,650	-1.5	70.6	Midwest	184	185
April 2, 2015	1,615	2.2	68.3	Southern	499	536
March 26, 2016	1,675	0.4	71.6	Western	83	85
				Total	1,650	1,675
<u>Year-to-Date +</u>						
April 2, 2016	23,180	-3.0	70.3			
April 2, 2015	23,895	-	72.2			

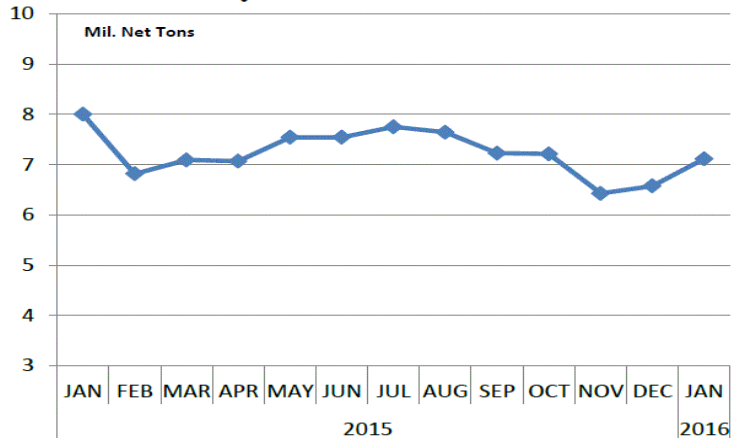
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

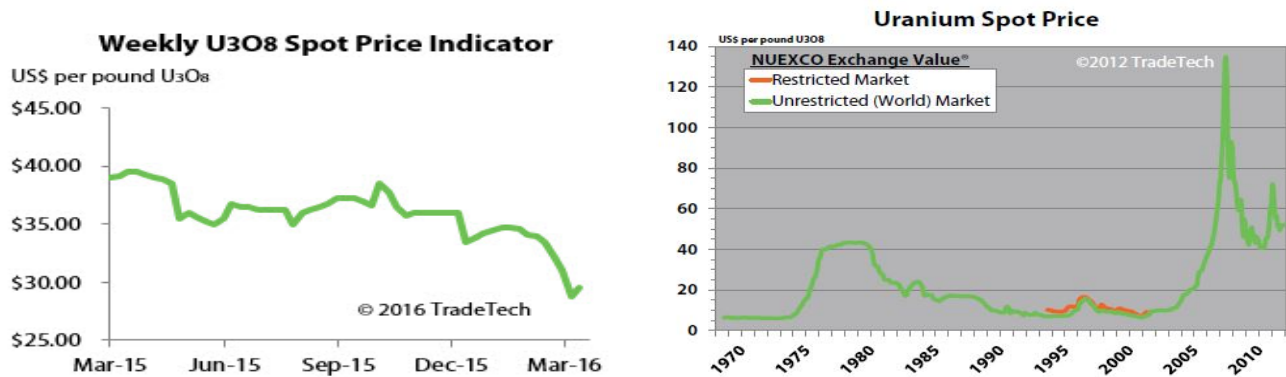


Source: Kitco website - www.kitco.com/connecting.html



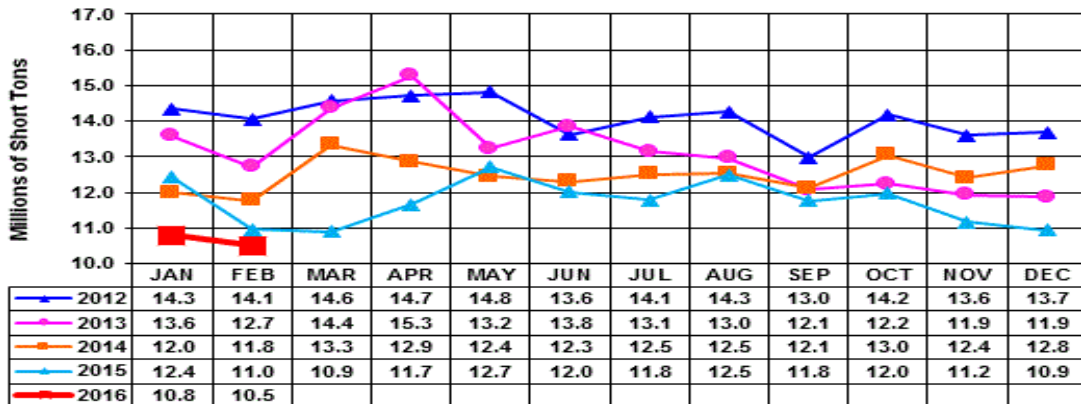
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



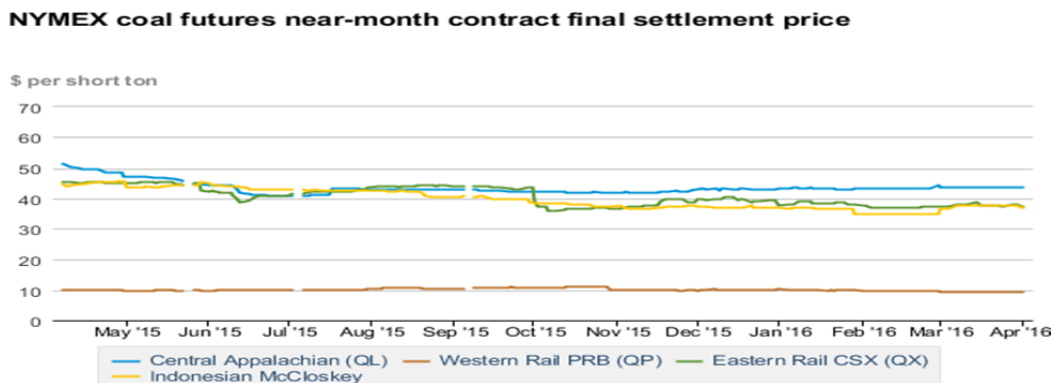
Source: Trade Tech, Uranium Info Website – www.uranium.info

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.

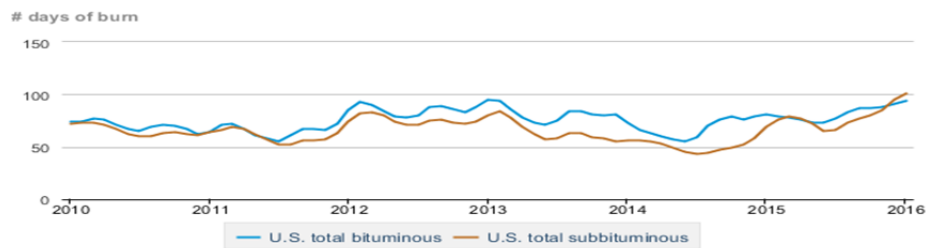
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	03/04/16	03/11/16	03/18/16	03/25/16	04/01/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.25	\$42.25	\$42.25	\$42.25	\$42.30	\$0.05
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.60	\$48.60	\$48.60	\$48.60	\$46.60	\$-2.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.20	\$32.20	\$32.20	\$32.20	\$31.70	\$-0.50
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$9.45	\$9.45	\$9.45	\$9.45	\$9.35	\$-0.10
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$38.05	\$38.05	\$38.05	\$38.05	\$37.80	\$-0.25

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

Days of burn by non-lignite coal rank, January 2009 - January 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Mar 24)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	181	-8	-80	0	0	0
Middle Atlantic	158	-16	-72	0	0	0
E N Central	164	-18	-32	0	0	0
W N Central	174	-6	13	0	-1	0
South Atlantic	90	-10	-10	11	-1	-8
E S Central	93	-1	24	0	-5	0
W S Central	66	12	35	8	-5	-12
Mountain	136	-14	33	5	2	1
Pacific	60	-26	15	0	-1	0
United States	124	-13	-11	3	-2	-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)



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	January 2016		January 2015			December 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	7,963	100	7,049	91	13.0%	8,431	92	-5.5%
	Subbituminous	652	220	785	205	-17.0%	675	174	-3.4%
South	Bituminous	35,808	97	33,101	85	8.2%	38,762	95	-7.6%
	Subbituminous	7,792	98	6,184	82	26.0%	8,145	97	-4.3%
Midwest	Bituminous	17,447	91	14,415	74	21.0%	18,625	88	-6.3%
	Subbituminous	46,652	87	33,409	58	39.6%	48,526	82	-3.9%
West	Bituminous	4,852	78	4,515	69	7.5%	5,331	77	-9.0%
	Subbituminous	40,971	121	28,826	82	42.1%	40,914	116	0.1%
U.S. Total	Bituminous	66,071	94	59,079	81	11.8%	71,149	91	-7.1%
	Subbituminous	96,066	101	69,204	69	38.8%	98,260	95	-2.2%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

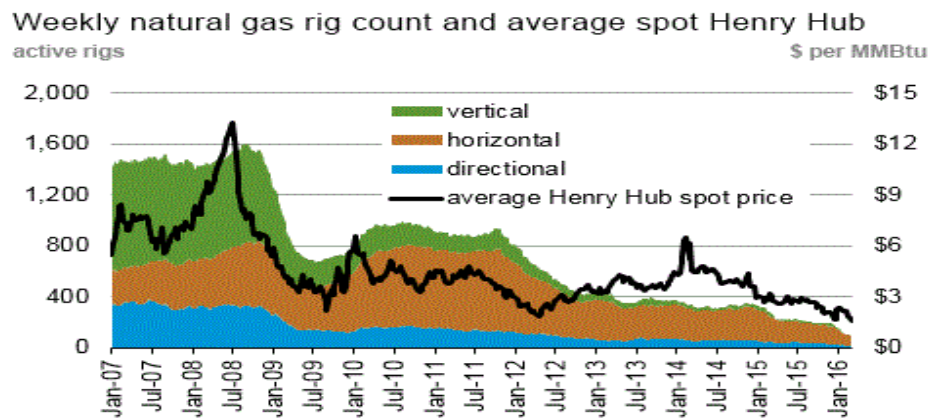
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-03-25	2016-03-18	change
East	439	453	-14
Midwest	555	571	-16
Mountain	147	148	-1
Pacific	262	260	2
South Central	1,065	1,061	4
Total	2,468	2,493	-25

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		
	March 2016	April 2016	change	March 2016	April 2016	change
Bakken	746	752	6	942	951	9
Eagle Ford	820	830	10	2,802	2,828	26
Haynesville	27	27	-	5,531	5,606	75
Marcellus	65	65	-	10,645	10,820	175
Niobrara	778	803	25	2,363	2,420	57
Permian	438	444	6	830	838	8
Utica	310	324	14	6,935	7,049	114
Rig-weighted average	516	528	12	2,700	2,689	(11)

Source: Energy Information Administration, *Drilling Productivity Report*