
National Mining Association

Weekly Statistical Summary

March 18, 2016 Edition
(Data for Week Ending March 12, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 11
Dated 03/18/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	03/12/16	03/14/15	% Chng	03/12/16	03/12/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,474	18,881	-33.9%	134,331	190,182	-29.4%
52 Weeks Ended	834,232	995,750	-16.2%			
AAR Coal Rail Cars Loaded:	71,221	107,846	-34.0%	761,981	1,087,416	-29.9%
Coal Production	Feb 16/15		% Chng	Jan - Feb 16/15		% Chng
Month Ended - Feb	54,410	72,210	-24.7%	112,692	158,758	-29.0%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Jan 16/15			Jan - Jan 16/15		
			% Chng			% Chng
Metallurgical	3,062	4,978	-38.5%	3,062	4,978	-38.5%
Steam (bit) *	1,302	2,833	-54.0%	1,302	2,833	-54.0%
Lignite	5	6	--	5	6	-16.7%
Anthracite	68	59	--	68	59	15.3%
Total	4,437	7,876	-43.7%	4,437	7,876	-43.7%
Imports:	693	1,293	-46.4%	693	1,293	-46.4%

	Week Ended			Cumulative Jan 1 to		
	03/12/16	03/14/15	% Chng	03/12/16	03/14/15	% Chng
EI Electric Total Output (Mil. Kwh)	68,466	70,995	-3.6%	835,979	882,164	-5.2%
EI Coal Region Output (Mil. Kwh)	58,127	60,721	-4.3%	717,320	761,780	-5.8%
AISI Raw Steel Output (000 Tons)	1,722	1,601	7.6%	18,187	19,077	-4.7%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending		
	03/11/16	03/04/16	% Chng
Central App, 12,500 Btu, 1.2 SO ₂	\$42.25	\$42.25	0.0%
Northern App, 13,000 Btu, < 3.0 SO ₂	48.60	48.60	0.0%
Illinois Basin, 11,800, 5.0 SO ₂	32.20	32.20	0.0%
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.45	9.45	0.0%
Uinta Basin, 11,700 Btu, 0.8 SO ₂	38.05	38.05	0.0%

Coal exports and Imports are "as reported" (not revised); *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



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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		
	3/12/2016 (week 11)	3/5/2016 (week 10)	3/14/2015 (week 11)	3/12/2016	3/12/2015	% Change	3/12/2016	3/14/2015	% Change
Alabama	198	199	317	2,130	3,191	-33.3	12,851	16,041	-19.9
Alaska	13	15	21	150	210	-28.7	1,025	1,386	-26.0
Arizona	95	103	138	1,064	1,389	-23.4	6,771	7,874	-14.0
Arkansas	2	2	2	18	17	7.8	102	98	4.1
Colorado	262	270	414	2,844	4,168	-31.8	18,406	23,993	-23.3
Illinois	877	907	1,321	9,602	13,308	-27.8	54,696	60,165	-9.1
Indiana	494	499	744	5,321	7,493	-29.0	32,805	38,927	-15.7
Kansas	4	3	4	37	42	-11.1	184	104	76.9
Kentucky Total	820	838	1,323	8,892	13,326	-33.3	57,496	75,273	-23.6
Eastern (KY)	361	372	604	3,933	6,081	-35.3	26,137	36,451	-28.3
Western (KY)	459	466	719	4,958	7,245	-31.6	31,359	38,823	-19.2
Louisiana	53	54	60	580	601	-3.6	3,671	3,125	17.5
Maryland	30	29	44	318	442	-28.1	1,825	2,043	-10.7
Mississippi	39	41	61	420	618	-32.0	2,908	3,570	-18.5
Missouri	2	2	3	21	32	-35.5	155	344	-54.9
Montana	618	622	859	6,677	8,651	-22.8	40,828	46,182	-11.6
New Mexico	238	210	305	2,399	3,069	-21.8	17,220	20,420	-15.7
North Dakota	415	408	583	4,389	5,868	-25.2	26,378	28,655	-7.9
Ohio	231	222	403	2,433	4,062	-40.1	15,527	21,911	-29.1
Oklahoma	10	11	16	112	161	-30.3	699	868	-19.5
Pennsylvania Total	691	686	1,079	7,410	10,871	-31.8	48,278	60,362	-20.0
Anthracite (PA)	32	30	37	327	374	-12.6	2,012	1,953	3.0
Bituminous (PA)	659	656	1,042	7,083	10,497	-32.5	46,266	58,410	-20.8
Tennessee	12	14	16	138	160	-13.2	814	846	-3.8
Texas	388	383	626	4,177	6,306	-33.8	30,900	41,759	-26.0
Utah	185	193	283	2,031	2,853	-28.8	13,750	17,271	-20.4
Virginia	188	195	290	2,036	2,918	-30.2	12,513	15,142	-17.4
West Virginia Total	1,345	1,330	2,141	14,372	21,568	-33.4	88,169	111,403	-20.9
Northern (WV)	691	679	1,040	7,361	10,476	-29.7	43,131	49,463	-12.8
Southern (WV)	654	651	1,101	7,011	11,092	-36.8	45,037	61,940	-27.3
Wyoming	5,264	5,320	7,829	56,762	78,858	-28.0	346,262	397,988	-13.0
Appalachian Total	3,056	3,045	4,894	32,771	49,293	-33.5	206,114	264,199	-22.0
Interior Total	2,328	2,369	3,556	25,246	35,823	-29.5	157,478	187,783	-16.1
Western Total	7,090	7,142	10,431	76,315	105,066	-27.4	470,641	543,769	-13.4
East of Mississippi River	4,925	4,959	7,739	53,072	77,957	-31.9	327,881	405,684	-19.2
West of Mississippi River	7,549	7,597	11,142	81,260	112,225	-27.6	506,351	590,067	-14.2
Bituminous and Lignite	12,442	12,526	18,844	134,004	189,807	-29.4	832,220	993,798	-16.3
Anthracite	32	30	37	327	374	-12.6	2,012	1,953	3.0
U.S. Total	12,474	12,556	18,881	134,331	190,182	-29.4	834,232	995,750	-16.2
Railroad Cars Loaded	71,221	71,669	107,846	761,981	1,087,416	-29.9	4,798,220	5,809,730	-17.4

Source: Energy Information Administration



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OUTPUT FOR WEEK ENDED - Mar 12, 2016

Mar 16, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Mar 12, 2016 was 68,466 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 175 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended March 12		52 Weeks Ended March 12	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,177	-9.0	124,326	-2.5
Mid-Atlantic	7,265	-9.5	434,205	-1.9
Central Industrial	11,966	-6.4	662,958	-3.3
West Central	5,518	-2.8	326,692	-0.9
Southeast	17,437	-4.0	1,009,559	-0.7
South Central	11,377	-1.4	699,683	0.0
Rocky Mountain	4,564	0.7	277,769	1.3
Pacific Northwest	3,120	8.7	152,991	0.4
Pacific Southwest	5,042	0.6	285,019	-0.1
Total United States	68,466	-3.6	3,973,203	-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)
Feb 20	75,345	Feb 21	86,062	-12.5	Feb 20	3,998,647	-0.2
Feb 27	71,892	Feb 28	85,395	-15.8	Feb 27	3,985,144	-0.7
Mar 05	71,352	Mar 07	80,765	-11.7	Mar 05	3,975,731	-1.0
Mar 12	68,466	Mar 14	70,995	-3.6	Mar 12	3,973,203	-1.0
Mar 12	835,979	Mar 14	882,164	-5.2	YEAR TO DATE, FIRST 11 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Feb 20	175	Feb 21	193	Feb 22	165
Feb 27	171	Feb 28	198	Mar 01	179
Mar 05	172	Mar 07	187	Mar 08	186
Mar 12	175	Mar 14	160	Mar 15	172

* 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		
	12-Mar 2016 GWh Output	14-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	12-Mar 2016 GWh Output	14-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	12-Mar 2016 GWh Output	14-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,177	2,392	-9.0%	26,737	29,305	-8.8%	124,326	127,484	-2.5%
Mid-Atlantic	7,265	8,029	-9.5%	92,158	102,310	-9.9%	434,205	442,833	-1.9%
Central Industrial	11,966	12,786	-6.4%	147,127	158,487	-7.2%	662,958	685,298	-3.3%
West Central	5,518	5,680	-2.9%	68,612	71,755	-4.4%	326,692	329,812	-0.9%
Southeast	17,437	18,161	-4.0%	217,536	228,751	-4.9%	1,009,559	1,017,186	-0.7%
South Central	11,377	11,534	-1.4%	135,238	144,782	-6.6%	699,683	699,680	0.0%
Rocky Mountain	4,564	4,531	0.7%	56,649	55,695	1.7%	277,769	274,245	1.3%
Pacific Northwest	3,120	2,870	8.7%	37,303	36,455	2.3%	152,991	152,324	0.4%
Pacific Southwest	5,042	5,013	0.6%	54,618	54,625	0.0%	285,019	285,285	-0.1%
Total United States ^{1/}	68,466	70,996	-3.6%	835,978	882,165	-5.2%	3,973,202	4,014,147	-1.0%
Coal Regions Only ^{2/}	58,127	60,721	-4.3%	717,320	761,780	-5.8%	3,410,866	3,449,054	-1.1%

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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March 14, 2016

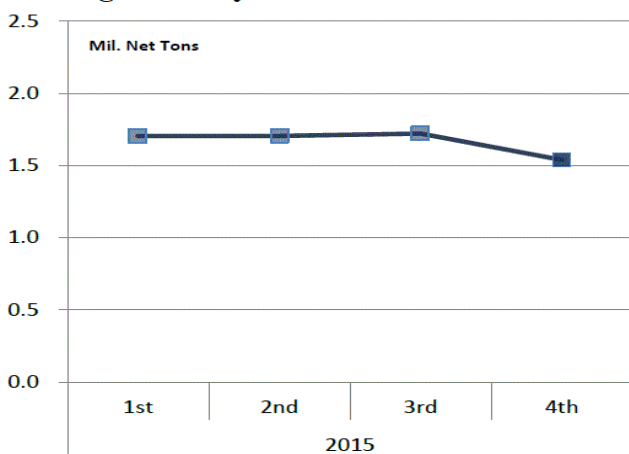
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Mar 12</u>	<u>Mar 5</u>	
<u>Week Ending</u>				North East	206	199
				Great Lakes	656	631
March 12, 2016	1,722	2.9	73.6	Midwest	186	183
March 12, 2015	1,601	7.6	67.7	Southern	592	576
March 5, 2016	1,673	-1.1	71.5	Western	82	84
				Total	1,722	1,673
<u>Year-to-Date +</u>						
March 12, 2016	18,187	-4.7	70.1			
March 12, 2015	19,077	-	72.1			

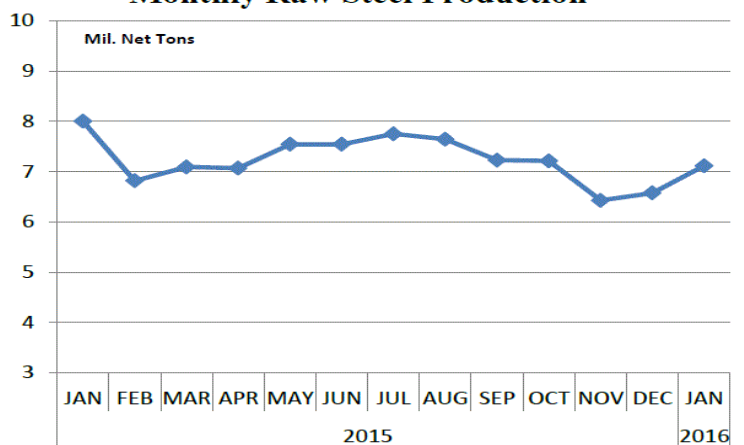
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



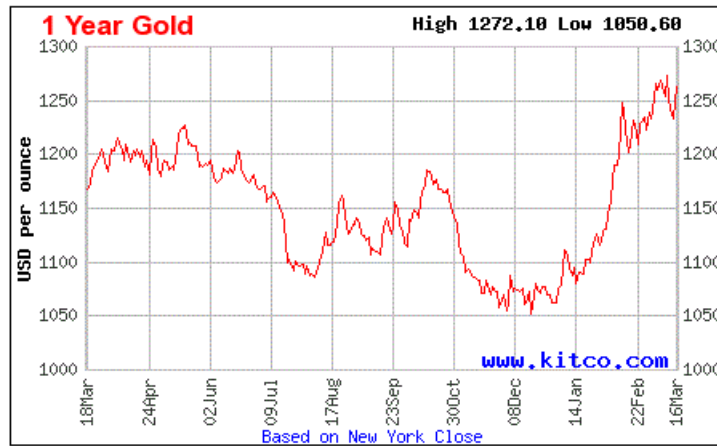
Monthly Raw Steel Production



*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

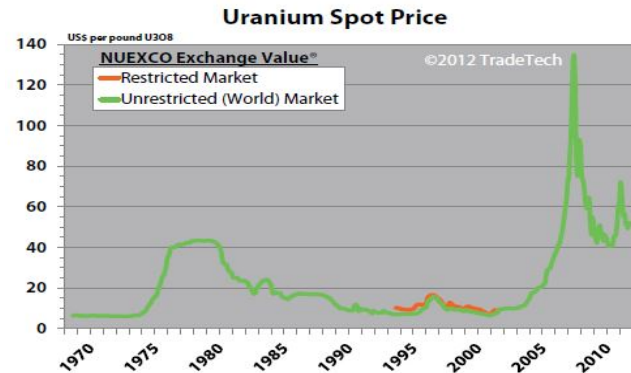
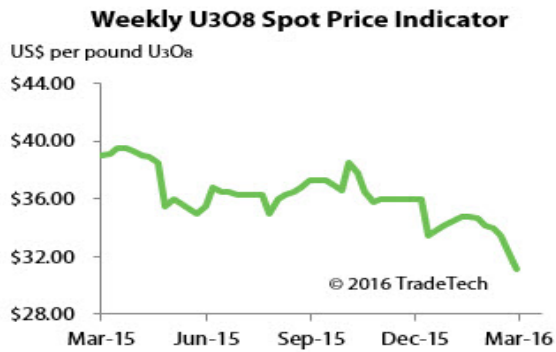


Source: Kitco website - www.kitco.com/connecting.html



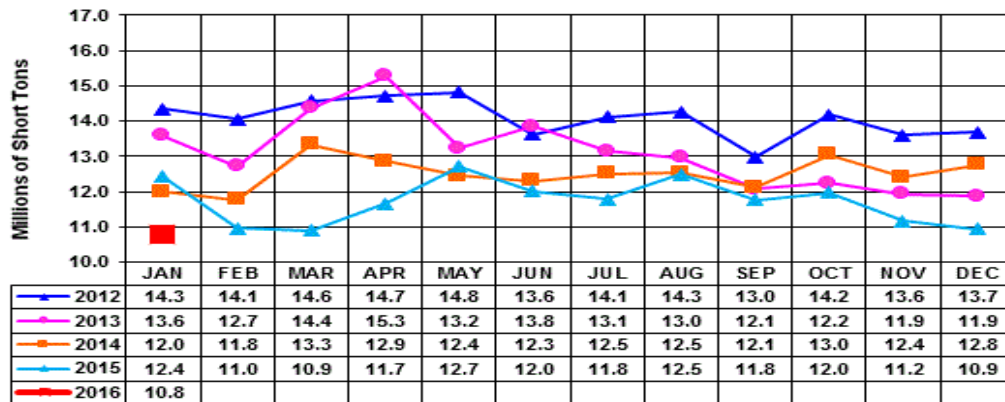
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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

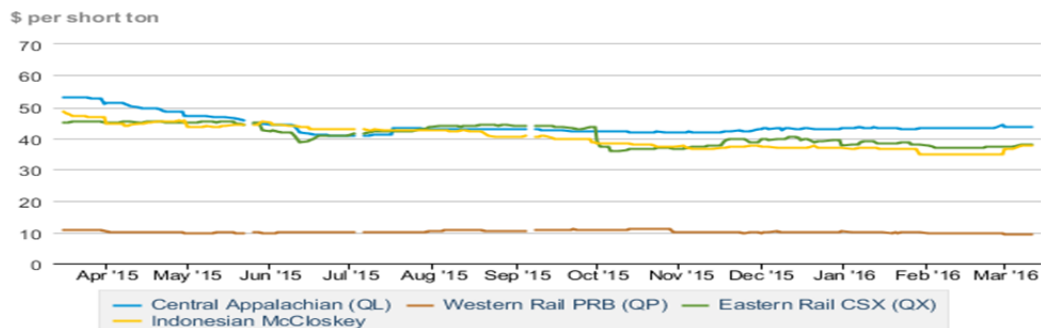
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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

NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



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

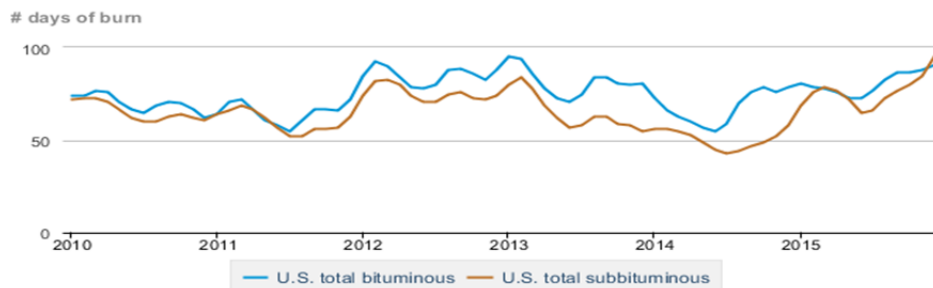
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	02/12/16	02/19/16	02/26/16	03/04/16	03/11/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.05	\$42.05	\$42.05	\$42.25	\$42.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.40	\$48.40	\$48.40	\$48.60	\$48.60	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.20	\$32.20	\$32.20	\$32.20	\$32.20	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$9.55	\$9.55	\$9.55	\$9.45	\$9.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$38.45	\$38.45	\$38.45	\$38.05	\$38.05	\$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 - December 2015



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Mar 03)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	199	-34	-115	0	0	0
Middle Atlantic	196	-25	-100	0	0	0
E N Central	217	-18	-121	0	0	0
W N Central	201	-34	-147	0	0	0
South Atlantic	132	-5	-45	5	-4	-7
E S Central	132	-1	-37	0	-3	-1
W S Central	61	-23	-97	9	1	8
Mountain	117	-62	-108	5	4	5
Pacific	46	-50	-61	0	-1	0
United States	147	-28	-95	2	-1	0

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	December 2015		December 2014		% Change of Stocks	November 2015		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	8,431	92	7,513	86	12.2%	8,032	89	5.0%
	Subbituminous	675	174	475	82	42.1%	708	147	-4.6%
South	Bituminous	38,762	95	35,200	85	10.1%	37,406	92	3.6%
	Subbituminous	8,145	97	6,383	79	27.6%	7,584	84	7.4%
Midwest	Bituminous	18,625	88	14,430	68	29.1%	17,608	83	5.8%
	Subbituminous	48,526	82	31,939	51	51.9%	45,384	74	6.9%
West	Bituminous	5,331	77	4,603	64	15.8%	5,789	78	-7.9%
	Subbituminous	40,914	116	25,773	68	58.7%	39,044	104	4.8%
U.S. Total	Bituminous	71,149	91	61,745	79	15.2%	68,836	88	3.4%
	Subbituminous	98,260	95	64,570	58	52.2%	92,720	85	6.0%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

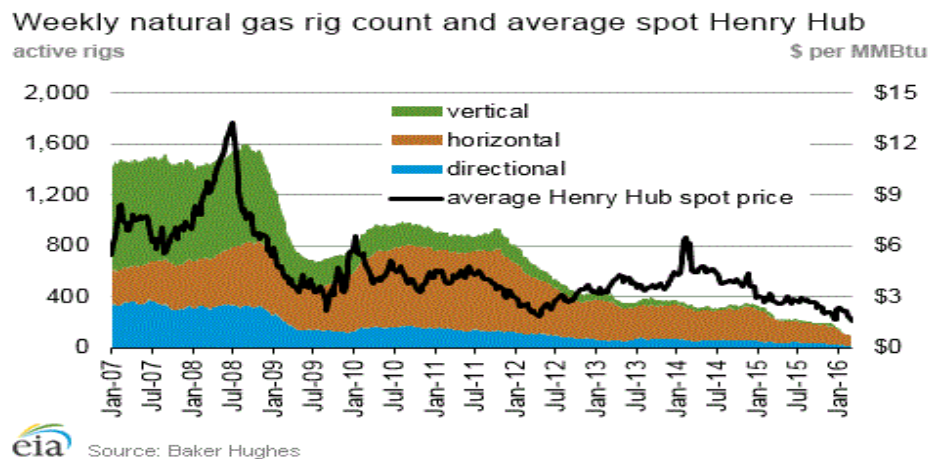
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (bcf)		
	2016-03-04	2016-02-26	change
East	464	495	-31
Midwest	587	621	-34
Mountain	146	145	1
Pacific	255	256	-1
South Central	1,020	1,024	-4
Total	2,479	2,536	-57

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		
	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*