
National Mining Association

Weekly Statistical Summary

March 25, 2016 Edition
(Data for Week Ending March 19, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 12
Dated 03/25/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	03/19/16	03/21/15	% Chng	03/19/16	03/19/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,338	18,556	-38.9%	145,670	208,828	-30.2%
52 Weeks Ended	827,015	994,548	-16.8%			
AAR Coal Rail Cars Loaded:	64,754	105,987	-38.9%	826,735	1,193,922	-30.8%
Coal Production Month Ended - Feb	Feb 16/15		% Chng	Jan - Feb 16/15		% Chng
	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		
	03/19/16	03/21/15	% Chng	03/19/16	03/21/15	% Chng
EI Electric Total Output (Mil. Kwh)	68,254	70,450	-3.1%	904,233	952,614	-5.1%
EI Coal Region Output (Mil. Kwh)	58,072	60,049	-3.3%	775,392	821,829	-5.7%
AISI Raw Steel Output (000 Tons)	1,668	1,601	4.2%	19,855	20,678	-4.0%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending		
	03/18/16	03/11/16	% 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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THE AMERICAN RESOURCE

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		
	3/19/2016 (week 12)	3/12/2016 (week 11)	3/21/2015 (week 12)	3/19/2016	3/19/2015	% Change	3/19/2016	3/21/2015	% Change
Alabama	179	198	311	2,309	3,504	-34.1	12,718	15,995	-20.5
Alaska	12	13	21	162	231	-29.7	1,017	1,373	-25.9
Arizona	89	95	136	1,153	1,525	-24.4	6,724	7,851	-14.4
Arkansas	2	2	2	20	19	6.5	102	98	4.1
Colorado	239	262	407	3,083	4,576	-32.6	18,239	23,974	-23.9
Illinois	806	877	1,298	10,408	14,612	-28.8	54,203	60,323	-10.1
Indiana	449	494	731	5,769	8,227	-29.9	32,523	38,863	-16.3
Kansas	3	4	4	41	46	-12.2	183	108	69.4
Kentucky Total	748	820	1,300	9,640	14,632	-34.1	56,944	75,002	-24.1
Eastern (KY)	331	361	593	4,264	6,678	-36.1	25,874	36,320	-28.8
Western (KY)	418	459	707	5,376	7,955	-32.4	31,070	38,682	-19.7
Louisiana	50	53	59	629	660	-4.7	3,662	3,174	15.4
Maryland	26	30	43	344	486	-29.1	1,808	2,047	-11.7
Mississippi	35	39	60	455	679	-32.9	2,882	3,551	-18.8
Missouri	2	2	3	23	35	-36.2	154	342	-55.0
Montana	566	618	844	7,242	9,500	-23.8	40,550	46,307	-12.4
New Mexico	199	238	299	2,598	3,369	-22.9	17,120	20,255	-15.5
North Dakota	370	415	573	4,760	6,443	-26.1	26,175	28,582	-8.4
Ohio	205	231	396	2,639	4,460	-40.8	15,336	21,860	-29.8
Oklahoma	9	10	16	121	176	-31.2	692	864	-19.9
Pennsylvania Total	627	691	1,061	8,037	11,937	-32.7	47,845	60,168	-20.5
Anthracite (PA)	27	32	37	354	411	-13.7	2,003	1,952	2.6
Bituminous (PA)	600	659	1,024	7,683	11,526	-33.3	45,841	58,217	-21.3
Tennessee	12	12	16	150	175	-14.3	810	846	-4.3
Texas	359	388	615	4,536	6,925	-34.5	30,644	41,546	-26.2
Utah	172	185	278	2,203	3,133	-29.7	13,644	17,193	-20.6
Virginia	171	188	285	2,207	3,204	-31.1	12,400	15,094	-17.8
West Virginia Total	1,205	1,345	2,104	15,577	23,683	-34.2	87,269	111,238	-21.5
Northern (WV)	617	691	1,022	7,978	11,504	-30.7	42,726	49,480	-13.6
Southern (WV)	588	654	1,082	7,599	12,179	-37.6	44,543	61,757	-27.9
Wyoming	4,802	5,264	7,694	61,563	86,590	-28.9	343,370	397,896	-13.7
Appalachian Total	2,757	3,056	4,809	35,527	54,126	-34.4	204,062	263,567	-22.6
Interior Total	2,132	2,328	3,495	27,378	39,335	-30.4	156,115	187,549	-16.8
Western Total	6,449	7,090	10,251	82,764	115,367	-28.3	466,839	543,431	-14.1
East of Mississippi River	4,464	4,925	7,606	57,536	85,600	-32.8	324,739	404,986	-19.8
West of Mississippi River	6,874	7,549	10,950	88,134	123,229	-28.5	502,276	589,563	-14.8
Bituminous and Lignite	11,311	12,442	18,519	145,315	208,417	-30.3	825,012	992,596	-16.9
Anthracite	27	32	37	354	411	-13.7	2,003	1,952	2.6
U.S. Total	11,338	12,474	18,556	145,670	208,828	-30.2	827,015	994,548	-16.8
Railroad Cars Loaded	64,754	71,221	105,987	826,735	1,193,922	-30.8	4,756,987	5,802,303	-18.0

Source: Energy Information Administration

Prepared by EEI's Business Information Group

EEI
WEEKLY ELECTRIC OUTPUT

Volume 84 No. 12

OUTPUT FOR WEEK ENDED - Mar 19, 2016

Mar 23, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Mar 19, 2016 was 68,254 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 19		52 Weeks Ended March 19	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,138	-13.3	123,999	-2.7
Mid-Atlantic	7,280	-12.6	433,159	-2.1
Central Industrial	11,756	-6.4	662,150	-3.2
West Central	5,618	-3.9	326,467	-0.9
Southeast	16,904	-3.1	1,009,011	-0.7
South Central	11,844	4.8	700,231	0.1
Rocky Mountain	4,670	2.3	277,872	1.3
Pacific Northwest	3,048	7.0	153,190	0.7
Pacific Southwest	4,996	-1.8	284,927	-0.2
Total United States	68,254	-3.1	3,971,007	-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 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 19	68,254	Mar 21	70,450	-3.1	Mar 19	3,971,007	-1.0
Mar 19	904,233	Mar 21	952,614	-5.1	YEAR TO DATE, FIRST 12 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
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
Mar 19	175	Mar 21	161	Mar 22	176

* 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		
	19-Mar 2016 GWh Output	21-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	19-Mar 2016 GWh Output	21-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	19-Mar 2016 GWh Output	21-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,138	2,465	-13.3%	28,875	31,770	-9.1%	123,999	127,485	-2.7%
Mid-Atlantic	7,280	8,326	-12.6%	99,438	110,636	-10.1%	433,159	442,672	-2.1%
Central Industrial	11,756	12,564	-6.4%	158,883	171,051	-7.1%	662,150	684,377	-3.2%
West Central	5,618	5,844	-3.9%	74,230	77,599	-4.3%	326,467	329,556	-0.9%
Southeast	16,904	17,452	-3.1%	234,440	246,203	-4.8%	1,009,011	1,016,456	-0.7%
South Central	11,844	11,296	4.9%	147,082	156,078	-5.8%	700,231	699,487	0.1%
Rocky Mountain	4,670	4,567	2.3%	61,319	60,262	1.8%	277,872	274,220	1.3%
Pacific Northwest	3,048	2,848	7.0%	40,351	39,303	2.7%	153,190	152,090	0.7%
Pacific Southwest	4,996	5,088	-1.8%	59,614	59,713	-0.2%	284,927	285,387	-0.2%
Total United States ^{1/}	68,254	70,450	-3.1%	904,232	952,615	-5.1%	3,971,006	4,011,730	-1.0%
Coal Regions Only ^{2/}	58,072	60,049	-3.3%	775,392	821,829	-5.7%	3,408,890	3,446,768	-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 21, 2016

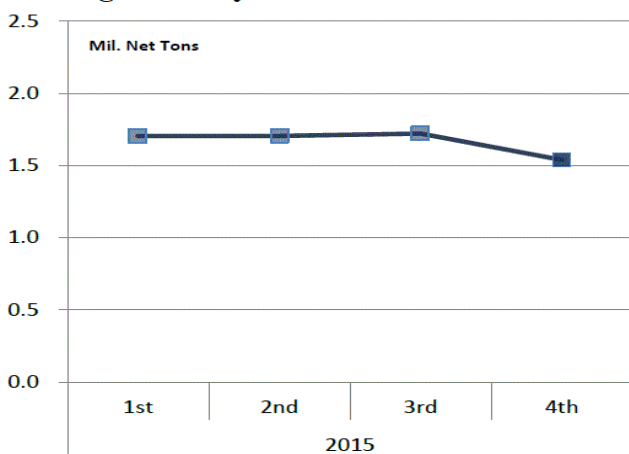
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 19</u>	<u>Week Ending Mar 12</u>	
<u>Week Ending</u>				North East	199	206
				Great Lakes	625	656
March 19, 2016	1,668	-3.1	71.3	Midwest	188	186
March 19, 2015	1,601	4.2	67.7	Southern	591	592
March 12, 2016	1,722	2.9	73.6	Western	65	82
				Total	1,668	1,722
<u>Year-to-Date +</u>						
March 19, 2016	19,855	-4.0	70.2			
March 19, 2015	20,678	-	72.1			

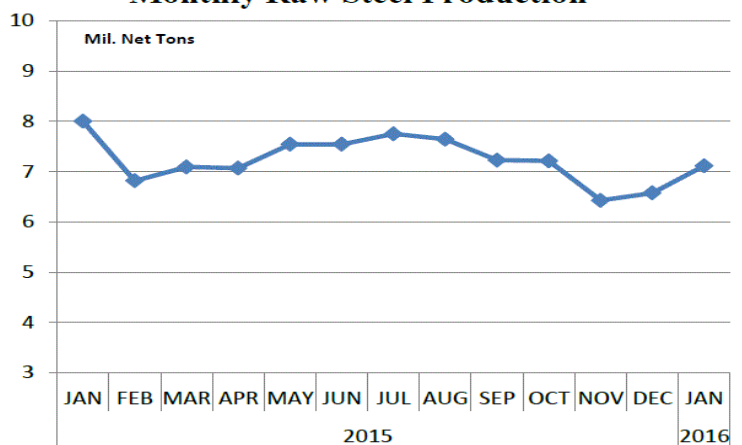
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



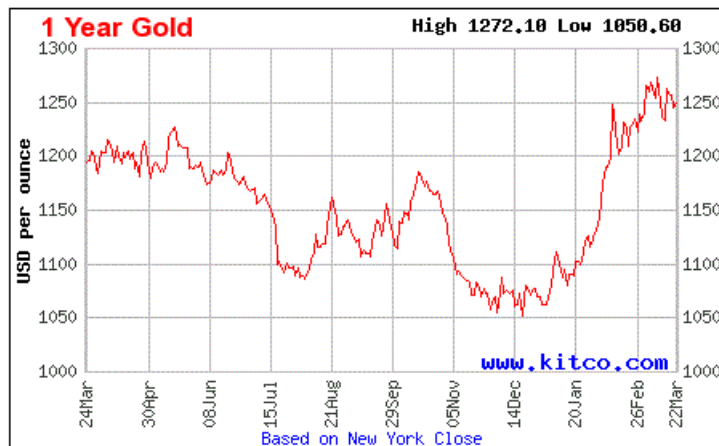
Monthly Raw Steel Production



*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

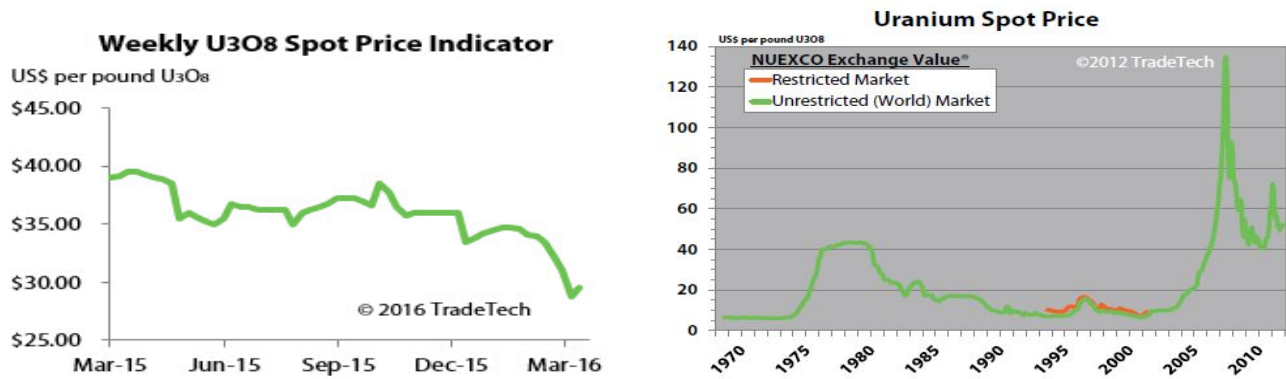


Source: Kitco website - www.kitco.com/connecting.html



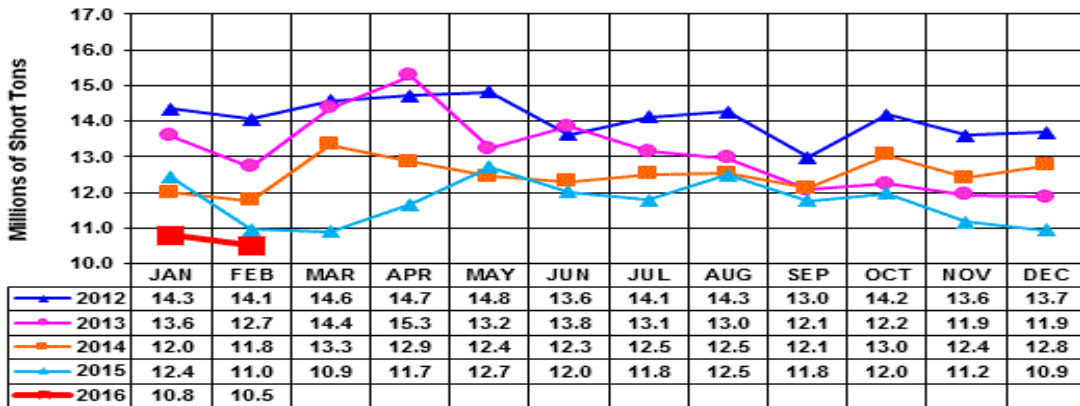
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



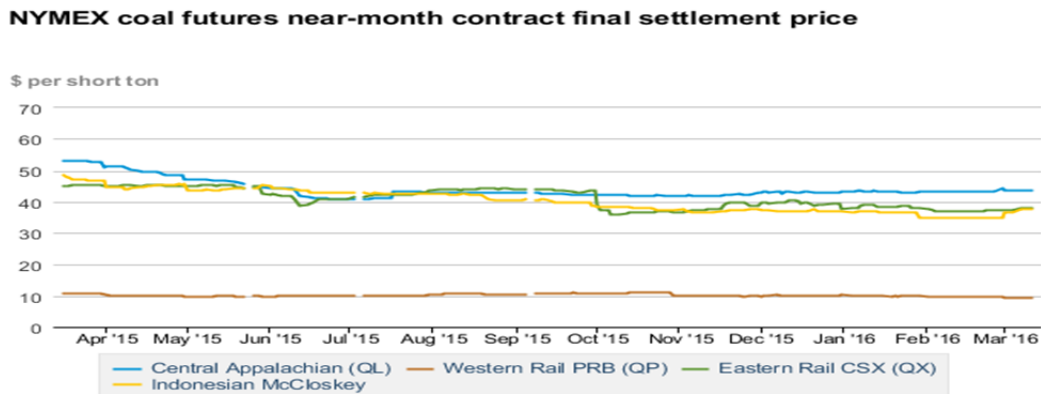
Source: Trade Tech, Uranium Info Website – www.uranium.info

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



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

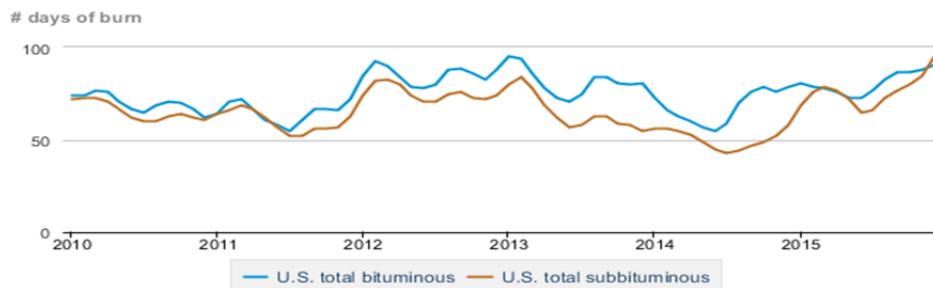
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	02/19/16	02/26/16	03/04/16	03/11/16	03/18/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.05	\$42.05	\$42.25	\$42.25	\$42.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.40	\$48.40	\$48.60	\$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	\$9.45	\$9.45	\$9.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$38.45	\$38.45	\$38.05	\$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 10)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	181	-39	-72	0	0	0
Middle Atlantic	147	-60	-91	0	0	0
E N Central	143	-76	-107	0	-1	0
W N Central	128	-91	-71	0	-1	0
South Atlantic	92	-34	-39	11	1	-5
E S Central	78	-43	-76	3	-1	3
W S Central	33	-42	-88	14	5	14
Mountain	122	-48	-25	2	1	1
Pacific	83	-11	32	0	-1	0
United States	112	-51	-60	4	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	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

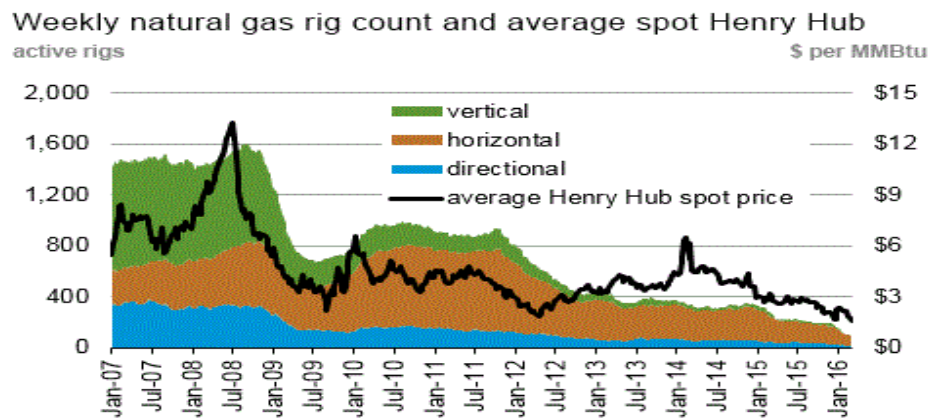
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-03-11	2016-03-04	change
East	452	464	-12
Midwest	577	587	-10
Mountain	147	146	1
Pacific	259	258	1
South Central	1,043	1,024	19
Total	2,478	2,479	-1

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*