
National Mining Association

Weekly Statistical Summary

January 22, 2016 Edition
(Data for Week Ending January 16, 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		
	01/16/16	01/17/15	% Chng	01/16/16	01/16/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,321	19,605	-32.1%	30,064	43,354	-30.7%
52 Weeks Ended	879,531	998,359	-11.9%			
AAR Coal Rail Cars Loaded:	75,308	111,982	-32.7%	167,877	248,756	-32.5%
Coal Production	Dec 15/14		% Chng	Jan - Dec 15/14		% Chng
Month Ended - Dec	62,903	86,341	-27.1%	886,330	1,000,049	-11.4%
MONTH ENDED AND CUMULATIVE NUMBERS ARE PRELIMINARY AND SUBJECT TO CHANGE						
DOC Bituminous Coal Trade (000 Tons)						
Exports:	Nov 15/14		% Chng	Jan - Nov 15/14		% Chng
Metallurgical	2,859	4,690	-39.0%	42,870	56,950	-24.7%
Steam *	1,806	2,736	-34.0%	25,887	33,115	-21.8%
Imports:	882	1,003	-12.1%	10,349	10,762	-3.8%
	Week Ended			Cumulative Jan 1 to		
	01/16/16	01/17/15	% Chng	01/16/16	01/17/15	% Chng
EEl Electric Total Output (Mil. Kwh)	79,650	82,878	-3.9%	233,222	247,613	-5.8%
EEl Coal Region Output (Mil. Kwh)	68,519	71,620	-4.3%	199,202	213,638	-6.8%
AISI Raw Steel Output (000 Tons)	1,652	1,807	-8.6%	4,686	5,412	-13.4%
EIA U.S. PETROLEUM DATA						
4-Week Averages 000 Barrels per Day						
	Week Ending			Cumulative Daily Averages		
	01/15/16	01/16/15	% Chng	2016	2015	% Chng
PETROLEUM SUPPLY:						
Domestic Crude	9,221	9,158	0.7	9,231	9,185	0.5
Net Imports (Incl. SPR)	7,342	6,769	8.5	7,484	6,934	7.9
SPR Stocks W/D or Added	63	380	--	301	1,001	--
Other Stocks W/D or Added	791	525	--	886	-66	--
Exports and Imports are as reported (not revised); *excludes lignite & anthracite.						
Sources: Energy Information Administration; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce						



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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		
	1/16/2016 (week 3)	1/9/2016 (week 2)	1/17/2015 (week 3)	1/16/2016	1/16/2015	% Change	1/16/2016	1/17/2015	% Change
Alabama	210	215	329	478	727	-34.3	13,708	16,286	-15.8
Alaska	15	14	22	33	48	-31.0	1,074	1,473	-27.1
Arizona	104	108	143	241	317	-23.9	7,041	8,004	-12.0
Arkansas	2	2	2	4	4	2.1	101	95	6.3
Colorado	281	279	430	632	950	-33.5	19,472	23,989	-18.8
Illinois	947	977	1,372	2,174	3,034	-28.3	57,733	58,488	-1.3
Indiana	527	527	772	1,186	1,708	-30.6	34,563	39,160	-11.7
Kansas	4	4	4	8	10	-12.6	188	75	150.7
Kentucky Total	879	889	1,374	1,993	3,038	-34.4	61,077	76,899	-20.6
Eastern (KY)	388	396	627	886	1,386	-36.1	27,872	37,247	-25.2
Western (KY)	491	493	747	1,107	1,651	-32.9	33,205	39,652	-16.3
Louisiana	59	57	62	130	137	-5.0	3,694	2,727	35.5
Maryland	31	34	46	73	101	-27.4	1,928	1,992	-3.2
Mississippi	41	40	64	91	141	-35.1	3,065	3,695	-17.1
Missouri	2	2	3	5	7	-36.4	165	358	-53.9
Montana	664	672	892	1,504	1,972	-23.8	42,459	44,918	-5.5
New Mexico	234	250	316	539	700	-22.9	17,773	21,585	-17.7
North Dakota	435	427	605	965	1,338	-27.8	27,568	29,017	-5.0
Ohio	241	247	419	547	926	-40.9	16,836	22,161	-24.0
Oklahoma	11	10	17	24	37	-34.1	737	895	-17.7
Pennsylvania Total	737	745	1,121	1,664	2,478	-32.8	51,083	61,478	-16.9
Anthracite (PA)	32	32	39	72	85	-16.1	2,051	1,947	5.3
Bituminous (PA)	705	713	1,082	1,593	2,393	-33.4	49,031	59,531	-17.6
Tennessee	14	13	16	30	36	-16.4	832	840	-1.0
Texas	422	418	650	942	1,438	-34.5	32,625	43,180	-24.4
Utah	202	198	294	452	650	-30.5	14,415	17,766	-18.9
Virginia	201	195	301	446	665	-33.0	13,218	15,410	-14.2
West Virginia Total	1,416	1,469	2,223	3,245	4,917	-34.0	94,004	111,925	-16.0
Northern (WV)	725	753	1,080	1,661	2,388	-30.5	45,671	48,966	-6.7
Southern (WV)	691	717	1,143	1,584	2,528	-37.3	48,333	62,959	-23.2
Wyoming	5,641	5,613	8,129	12,656	17,976	-29.6	364,173	395,942	-8.0
Appalachian Total	3,239	3,314	5,081	7,370	11,237	-34.4	219,480	267,338	-17.9
Interior Total	2,505	2,530	3,693	5,672	8,166	-30.5	166,076	188,326	-11.8
Western Total	7,577	7,561	10,831	17,022	23,951	-28.9	493,975	542,695	-9.0
East of Mississippi River	5,245	5,351	8,036	11,929	17,771	-32.9	348,046	408,333	-14.8
West of Mississippi River	8,076	8,054	11,569	18,135	25,583	-29.1	531,485	590,025	-9.9
Bituminous and Lignite	13,289	13,373	19,567	29,993	43,269	-30.7	877,480	996,411	-11.9
Anthracite	32	32	39	72	85	-16.1	2,051	1,947	5.3
U.S. Total	13,321	13,405	19,605	30,064	43,354	-30.7	879,531	998,359	-11.9
Railroad Cars Loaded	75,308	75,112	111,982	167,877	248,756	-32.5	5,058,416	5,828,939	-13.2

Source: Energy Information Administration



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OUTPUT FOR WEEK ENDED - Jan 16, 2016

Jan 20, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 16, 2016 was 79,650 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 182 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended January 16		52 Weeks Ended January 16	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,487	-9.0	126,294	-0.8
Mid-Atlantic	8,552	-8.2	441,787	0.0
Central Industrial	14,193	-3.3	671,137	-2.6
West Central	6,767	-0.7	328,743	-0.8
Southeast	20,313	-4.1	1,016,923	0.1
South Central	13,018	-8.6	705,212	0.6
Rocky Mountain	5,676	5.2	277,088	0.9
Pacific Northwest	3,620	3.0	152,565	-1.4
Pacific Southwest	5,024	0.3	285,247	0.0
Total United States	79,650	-3.9	4,004,996	-0.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
Dec 26	70,180	Dec 27	71,898	-2.4	Dec 26	4,019,387	0.1
Jan 02	74,353	Jan 03	77,346	-3.9	Jan 02	4,016,394	0.1
Jan 09	79,219	Jan 10	87,389	-9.3	Jan 09	4,008,224	-0.2
Jan 16	79,650	Jan 17	82,878	-3.9	Jan 16	4,004,996	-0.4
Jan 16	233,222	Jan 17	247,613	-5.8	YEAR TO DATE, FIRST 3 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
Dec 26	156	Dec 27	191	Dec 28	174
Jan 02	178	Jan 03	179	Jan 04	185
Jan 09	181	Jan 10	197	Jan 11	192
Jan 16	182	Jan 17	188	Jan 18	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		
	16-Jan 2016 GWh Output	17-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015	16-Jan 2016 GWh Output	17-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015	16-Jan 2016 GWh Output	17-Jan 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,487	2,733	-9.0%	7,350	7,949	-7.5%	126,294	127,340	-0.8%
Mid-Atlantic	8,552	9,315	-8.2%	24,872	27,444	-9.4%	441,787	441,894	0.0%
Central Industrial	14,193	14,676	-3.3%	40,434	43,615	-7.3%	671,137	688,789	-2.6%
West Central	6,767	6,815	-0.7%	19,331	20,423	-5.3%	328,743	331,323	-0.8%
Southeast	20,313	21,175	-4.1%	58,893	62,743	-6.1%	1,016,923	1,015,582	0.1%
South Central	13,018	14,244	-8.6%	38,538	42,553	-9.4%	705,212	700,940	0.6%
Rocky Mountain	5,676	5,395	5.2%	17,134	16,860	1.6%	277,088	274,740	0.9%
Pacific Northwest	3,620	3,514	3.0%	11,366	10,942	3.9%	152,565	154,802	-1.4%
Pacific Southwest	5,024	5,011	0.3%	15,304	15,084	1.5%	285,247	285,318	0.0%
Total United States ^{1/}	79,650	82,878	-3.9%	233,222	247,613	-5.8%	4,004,996	4,020,728	-0.4%
Coal Regions Only ^{2/}	68,519	71,620	-4.3%	199,202	213,638	-6.8%	3,440,890	3,453,268	-0.4%

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*.

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January 18, 2016

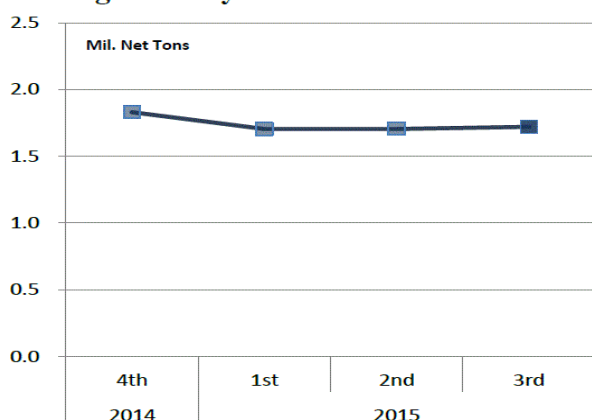
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Jan 16</u>	<u>Week Ending Jan 9</u>	
<u>Week Ending</u>				North East	200	207
				Great Lakes	628	619
January 16, 2016	1,652	3.6	69.1	Midwest	190	186
January 16, 2015	1,807	-8.6	76.4	Southern	559	514
January 9, 2016	1,594	10.7	66.7	Western	<u>75</u>	<u>68</u>
				Total	1,652	1,594
<u>Year-to-Date +</u>						
January 16, 2016	4,686	-13.4	65.3			
January 16, 2015	5,412	-	76.4			

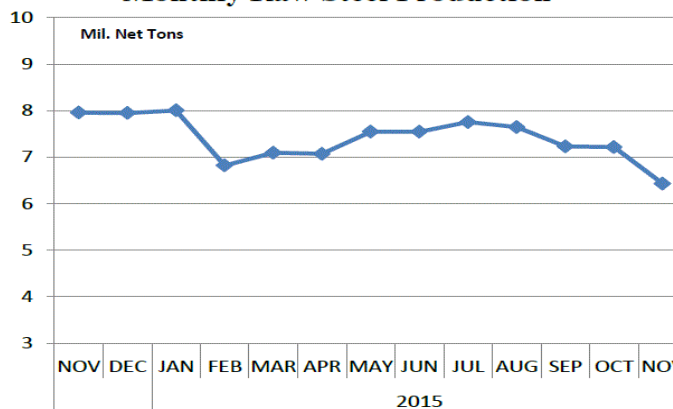
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 fourth quarter 2015 is approximately 31.4 million net tons vs. 31.6 million net tons for the same period last year, and 31.4 million tons for the third quarter of 2015.

Average Weekly Raw Steel Production



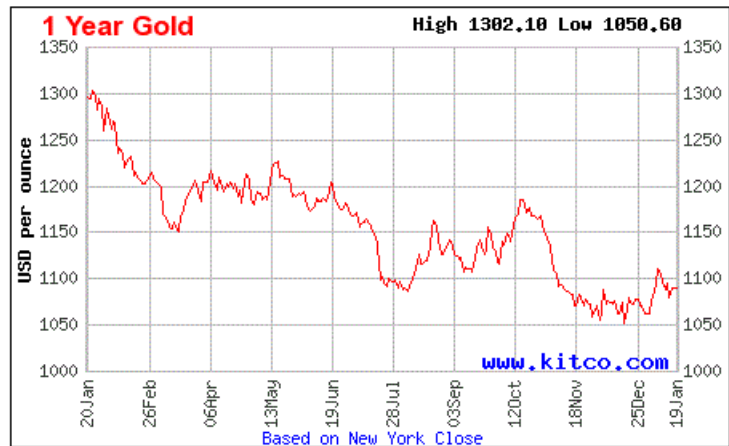
Monthly Raw Steel Production



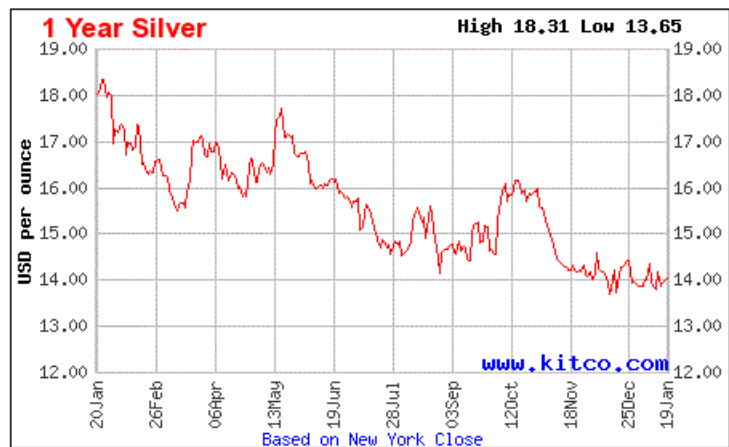
*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.



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

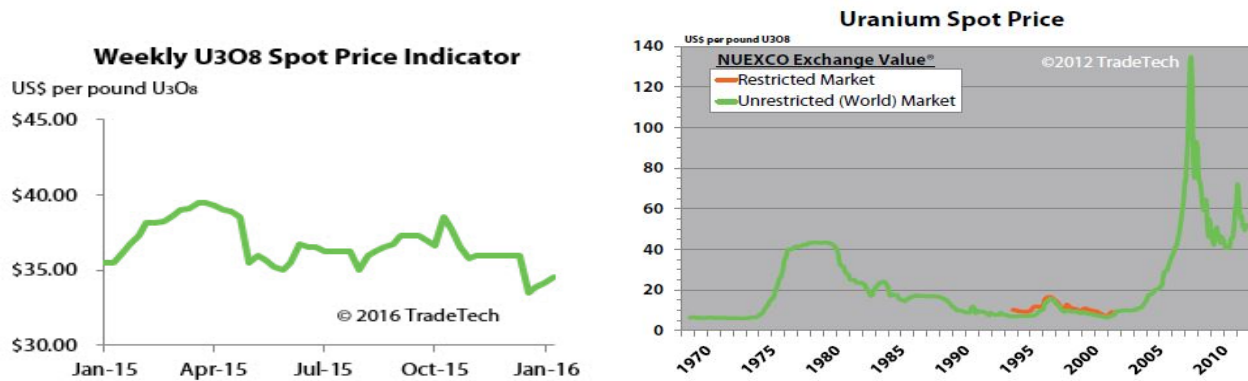


Source: Kitco website - www.kitco.com/connecting.html



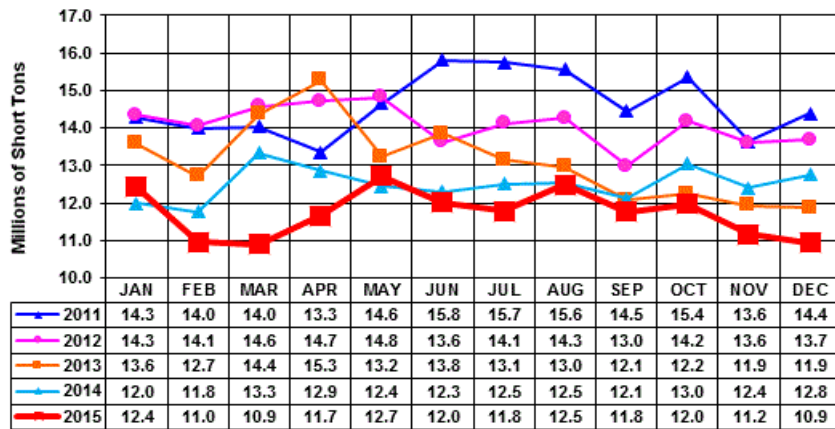
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



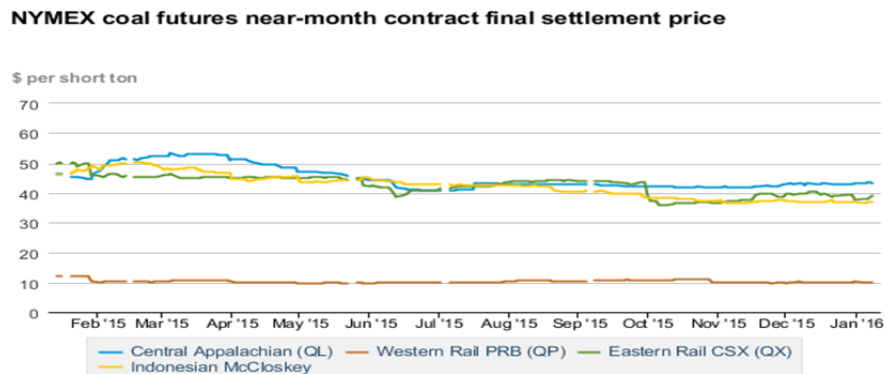
Source: Trade Tech, Uranium Info Website – www.uranium.info

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.

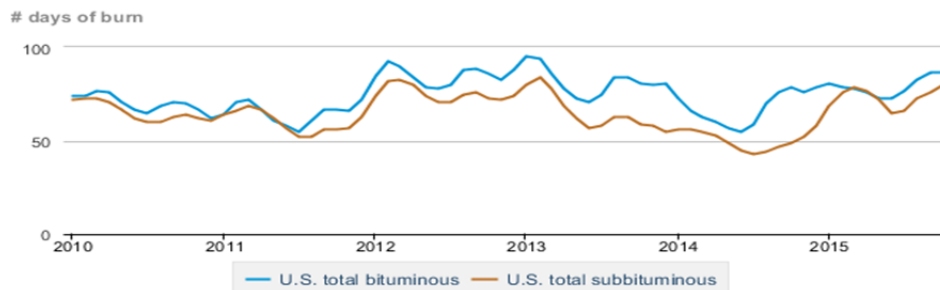
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	12/25/15	12/28/15	12/31/15	01/08/16	01/15/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	NA	\$43.50	\$43.50	\$42.25	\$42.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	NA	\$48.95	\$48.95	\$48.60	\$48.60	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	NA	\$32.60	\$32.60	\$32.20	\$32.20	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	NA	\$10.90	\$10.90	\$9.70	\$9.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	NA	\$40.65	\$40.65	\$39.05	\$39.05	\$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 - October 2015



Source: U.S. Energy Information Administration

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

Region	Temperature -- heating & cooling degree days (week ending Jan 07)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	254	-22	-11	0	0	0
Middle Atlantic	253	2	-3	0	0	0
E N Central	262	55	-54	0	0	0
W N Central	269	38	-88	0	0	0
South Atlantic	182	0	23	6	-1	-6
E S Central	191	-20	15	0	-2	0
W S Central	143	16	-29	0	-3	0
Mountain	242	-3	-18	0	0	0
Pacific	140	-1	25	0	0	0
United States	215	-6	-18	1	-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 - 3rd Quarter	2014 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	597.0	617.0	-3%
Cement (Mil. Mt.)	61.2	60.7	1%
Copper (000 Mt.)	1,020.0	1,020.0	0%
Gold (Mt.)	155.0	159.0	-3%
Gypsum (Mil. Mt.)	11.3	10.6	7%
Iron Ore (Mil. Mt.)	32.5	39.7	-18%
Lead (000 Mt.)	277.0	272.0	2%
Molybdenum (000 Mt.)	39.9	52.4	-24%
Phosphate rock (Mil. Mt.)	20.8	20.4	2%
Sand & gravel, construction (Mil. Mt.)	702.0	672.0	4%
Silver (Mt.)	821.0	866.0	-5%
Soda ash (Mil. Mt.)	8.7	8.7	0%
Stone, crushed (Mil. Mt.)	991.0	933.0	6%
Zinc (000 Mt.)	604.0	593.0	2%

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)

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	October 2015		October 2014			September 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	7,509	95	7,135	89	5.2%	6,924	102	8.5%
	Subbituminous	731	174	439	106	66.6%	758	201	-3.5%
South	Bituminous	35,209	90	33,265	86	5.8%	32,229	90	9.2%
	Subbituminous	6,942	76	5,285	55	31.4%	5,586	62	24.3%
Midwest	Bituminous	16,361	82	13,045	67	25.4%	15,063	83	8.6%
	Subbituminous	41,636	71	28,246	47	47.4%	38,095	69	9.3%
West	Bituminous	5,628	75	4,418	56	27.4%	5,378	73	4.6%
	Subbituminous	34,805	94	19,418	51	79.2%	32,056	90	8.6%
U.S. Total	Bituminous	64,708	87	57,863	79	11.8%	59,594	87	8.6%
	Subbituminous	84,115	80	53,388	49	57.6%	76,494	76	10.0%

Source: U.S. Energy Information Administration

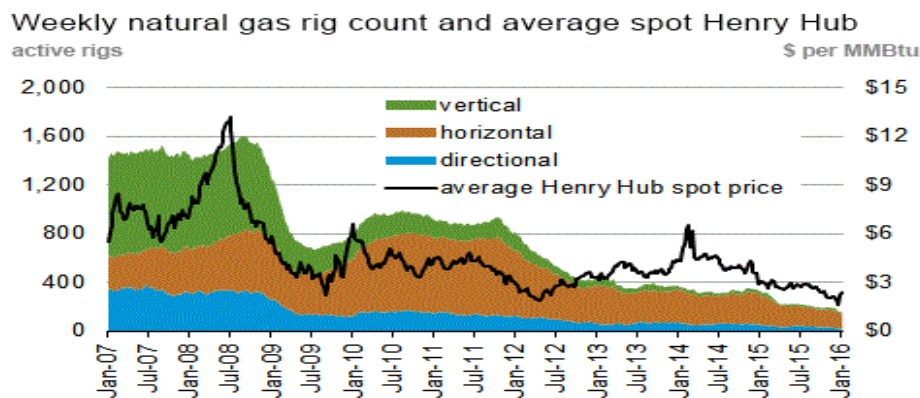
EIA Working Natural Gas Underground Storage

Working gas in underground storage			
Region	Stocks billion cubic feet (bcf)		
	2016-01-08	2016-01-01	change
East	802	857	-55
Midwest	942	983	-41
Mountain	177	185	-8
Pacific	381	382	-1
South Central	1,347	1,340	7
Total	3,475	3,643	-168

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		
	January 2016	February 2016	change	January 2015	February 2016	change
Bakken	719	724	5	898	918	20
Eagle Ford	795	804	9	2,701	2,750	49
Haynesville	28	28	-	5,390	5,465	75
Marcellus	63	64	1	8,917	9,050	133
Niobrara	710	726	16	2,219	2,269	50
Permian	416	418	2	797	803	6
Utica	282	294	12	6,511	6,711	200
Rig-weighted average	494	497	3	2,552	2,600	48

Source: Energy Information Administration, *Drilling Productivity Report*