
National Mining Association

Weekly Statistical Summary

January 1, 2016 Edition
(Data for Week Ending December 26, 2015)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 53, No. 52
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PRODUCTION, CONSUMPTION & TRADE						
	Week Ended			* Cumulative Jan 1 to		
	12/26/15	12/27/14	% Chng	12/26/15	12/26/14	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,902	17,147	-30.6%	882,087	987,660	-10.7%
52 Weeks Ended	892,186	997,227	-10.5%			
AAR Coal Rail Cars Loaded:	70,350	102,804	-31.6%	5,104,294	5,766,084	-11.5%
Coal Production	Nov 15/14		% Chng	Jan - Nov 15/14		% Chng
Month Ended - Nov	68,431	81,755	-16.3%	827,562	913,708	-9.4%
MONTH ENDED AND CUMULATIVE NUMBERS ARE PRELIMINARY AND SUBJECT TO CHANGE						
DOC Bituminous Coal Trade (000 Tons)						
Exports:	Oct 15/14		% Chng	Jan - Oct 15/14		% Chng
Metallurgical	3,452	5,684	-39.3%	40,011	52,260	-23.4%
Steam *	2,274	2,222	2.3%	24,080	30,380	-20.7%
Imports:	855	584	46.4%	9,468	9,759	-3.0%
	Week Ended			Cumulative Jan 1 to		
	12/26/15	12/27/14	% Chng	12/26/15	12/27/14	% Chng
EEl Electric Total Output (Mil. Kwh)	70,180	71,898	-2.4%	4,019,388	4,015,340	0.1%
EEl Coal Region Output (Mil. Kwh)	59,248	61,340	-3.4%	3,455,325	3,448,105	0.2%
AISI Raw Steel Output (000 Tons)	1,456	1,795	-18.9%	86,843	95,706	-9.3%
EIA U.S. PETROLEUM DATA						
4-Week Averages 000 Barrels per Day						
	Week Ending			Cumulative Daily Averages		
	12/25/15	12/26/14	% Chng	2015	2014	% Chng
PETROLEUM SUPPLY:						
Domestic Crude	9,180	9,126	0.6	9,314	8,550	8.9
Net Imports (Incl. SPR)	7,415	7,150	3.7	6,856	7,174	-4.4
SPR Stocks W/D or Added	-72	218	--	304	61	--
Other Stocks W/D or Added	-65	420	--	148	157	--
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		
	12/26/2015	12/19/2015	12/27/2014	12/26/2015	12/26/2014	% Change	12/26/2015	12/27/2014	% Change
	(week 52)	(week 51)	(week 52)						
Alabama	188	233	272	14,152	16,181	-12.5	14,312	16,355	-12.5
Alaska	13	16	22	1,117	1,486	-24.8	1,130	1,501	-24.7
Arizona	98	123	140	7,286	7,949	-8.3	7,369	8,023	-8.2
Arkansas	2	2	2	97	92	5.7	99	93	6.5
Colorado	247	316	381	20,147	23,732	-15.1	20,372	23,983	-15.1
Illinois	871	1,028	1,042	59,483	57,273	3.9	60,097	57,783	4.0
Indiana	460	572	672	34,536	38,781	-10.9	34,932	39,165	-10.8
Kansas	3	3	3	166	64	160.1	168	65	158.5
Kentucky Total	791	1,000	1,231	62,930	76,579	-17.8	63,655	77,326	-17.7
Eastern (KY)	358	456	576	29,403	37,108	-20.8	29,742	37,465	-20.6
Western (KY)	433	543	656	33,527	39,471	-15.1	33,914	39,861	-14.9
Louisiana	61	75	75	3,487	2,551	36.7	3,531	2,570	37.4
Maryland	27	34	33	1,958	1,954	0.2	1,977	1,969	0.4
Mississippi	33	44	49	2,953	3,701	-20.2	2,982	3,735	-20.2
Missouri	2	3	5	209	360	-41.8	212	364	-41.8
Montana	622	766	864	42,814	43,938	-2.6	43,323	44,389	-2.4
New Mexico	192	258	329	16,795	21,725	-22.7	16,989	21,904	-22.4
North Dakota	360	437	506	26,519	28,792	-7.9	26,816	29,078	-7.8
Ohio	213	269	336	17,489	22,015	-20.6	17,687	22,225	-20.4
Oklahoma	9	11	14	730	894	-18.4	738	905	-18.5
Pennsylvania Total	677	843	1,039	51,389	61,126	-15.9	52,000	61,688	-15.7
Anthracite (PA)	25	32	35	1,901	1,922	-1.1	1,922	1,942	-1.0
Bituminous (PA)	651	811	1,003	49,488	59,205	-16.4	50,079	59,747	-16.2
Tennessee	12	14	17	822	827	-0.7	831	837	-0.7
Texas	439	555	746	31,880	43,115	-26.1	32,319	43,538	-25.8
Utah	188	234	301	14,405	17,717	-18.7	14,583	17,887	-18.5
Virginia	163	203	247	13,149	15,328	-14.2	13,294	15,490	-14.2
West Virginia Total	1,248	1,560	1,793	97,381	110,892	-12.2	98,437	111,919	-12.0
Northern (WV)	620	769	831	46,722	48,258	-3.2	47,211	48,688	-3.0
Southern (WV)	628	791	963	50,660	62,634	-19.1	51,227	63,231	-19.0
Wyoming	4,984	6,149	7,028	360,191	390,588	-7.8	364,330	394,437	-7.6
Appalachian Total	2,885	3,613	4,311	225,742	265,432	-15.0	228,281	267,949	-14.8
Interior Total	2,312	2,836	3,264	167,069	186,302	-10.3	168,992	188,078	-10.1
Western Total	6,705	8,299	9,572	489,275	535,926	-8.7	494,913	541,201	-8.6
East of Mississippi River	4,682	5,799	6,730	356,242	404,658	-12.0	360,206	408,492	-11.8
West of Mississippi River	7,220	8,949	10,417	525,844	583,002	-9.8	531,980	588,735	-9.6
Bituminous and Lignite	11,876	14,716	17,112	880,185	985,738	-10.7	890,264	995,286	-10.6
Anthracite	25	32	35	1,901	1,922	-1.1	1,922	1,942	-1.0
U.S. Total	11,902	14,748	17,147	882,087	987,660	-10.7	892,186	997,227	-10.5
Railroad Cars Loaded	70,350	85,021	102,804	5,104,294	5,766,084	-11.5	5,164,848	5,824,280	-11.3

Source: Energy Information Administration

Prepared by EEI's Business Information Group



WEEKLY ELECTRIC OUTPUT

Volume 83 No. 52

OUTPUT FOR WEEK ENDED - Dec 26, 2015

Dec 30, 2015

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Dec 26, 2015 was 70,180 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 156 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended December 26		52 Weeks Ended December 26	
	GWh Output	% Increase Over Corresponding Week of 2014	GWh Output	% Increase Over Corresponding Period of 2014
New England	2,221	-5.0	126,894	-0.4
Mid-Atlantic	7,577	-6.5	444,359	0.6
Central Industrial	11,882	-4.0	674,318	-2.1
West Central	5,934	0.4	329,835	-0.5
Southeast	16,956	-4.6	1,020,773	0.5
South Central	11,350	-3.4	709,227	1.7
Rocky Mountain	5,549	2.1	276,813	1.2
Pacific Northwest	3,688	9.4	152,142	-1.6
Pacific Southwest	5,023	3.5	285,027	-0.1
Total United States	70,180	-2.4	4,019,388	0.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2015	Week Ended	2014	% Inc. (15/14)	52 Weeks Ended	2015	% Inc. (15/14)
Dec 05	74,491	Dec 06	75,017	-0.7	Dec 05	4,028,396	0.0
Dec 12	72,279	Dec 13	76,893	-6.0	Dec 12	4,023,783	0.1
Dec 19	74,793	Dec 20	77,470	-3.5	Dec 19	4,021,105	0.1
Dec 26	70,180	Dec 27	71,898	-2.4	Dec 26	4,019,388	0.1
Dec 26	4,019,388	Dec 27	4,015,340	0.1	YEAR TO DATE, FIRST 52 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2015	Week Ended	2014	Week Ended	2013
Dec 05	170	Dec 06	195	Dec 07	164
Dec 12	168	Dec 13	194	Dec 14	190
Dec 19	169	Dec 20	197	Dec 21	175
Dec 26	156	Dec 27	191	Dec 28	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		
	26-Dec	27-Dec	% Increase Over Corresponding Week of 2014	26-Dec	27-Dec	% Increase Over Corresponding Week of 2014	26-Dec	27-Dec	% Increase Over Corresponding Week of 2014
	2015	2014		2015	2014		2015	2014	
	GWh	GWh		GWh	GWh		GWh	GWh	
	Output	Output		Output	Output		Output	Output	
New England	2,221	2,336	-4.9%	126,894	127,362	-0.4%	126,894	127,366	-0.4%
Mid-Atlantic	7,577	8,103	-6.5%	444,360	441,548	0.6%	444,359	441,543	0.6%
Central Industrial	11,882	12,371	-4.0%	674,320	688,729	-2.1%	674,318	688,729	-2.1%
West Central	5,934	5,909	0.4%	329,837	331,458	-0.5%	329,835	331,458	-0.5%
Southeast	16,956	17,774	-4.6%	1,020,767	1,015,226	0.5%	1,020,773	1,015,230	0.5%
South Central	11,350	11,748	-3.4%	709,228	697,500	1.7%	709,227	697,498	1.7%
Rocky Mountain	5,549	5,435	2.1%	276,813	273,644	1.2%	276,813	273,646	1.2%
Pacific Northwest	3,688	3,371	9.4%	152,145	154,538	-1.5%	152,142	154,538	-1.6%
Pacific Southwest	5,023	4,851	3.5%	285,026	285,332	-0.1%	285,027	285,332	-0.1%
Total United States ^{1/}	<u>70,180</u>	<u>71,898</u>	-2.4%	<u>4,019,390</u>	<u>4,015,337</u>	0.1%	4,019,388	4,015,340	0.1%
Coal Regions Only ^{2/}	59,248	61,340	-3.4%	3,455,325	3,448,105	0.2%	3,455,325	3,448,104	0.2%

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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December 28, 2015

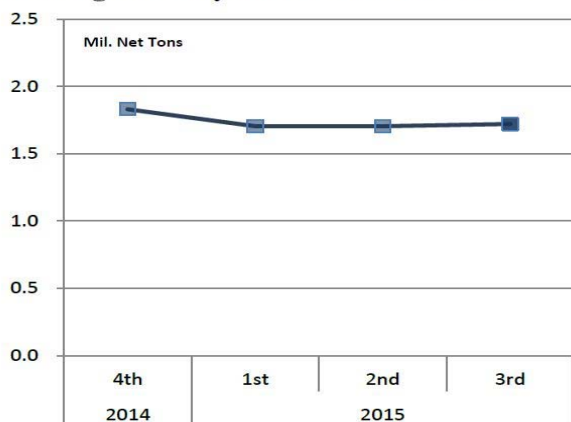
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Dec 26</u>	<u>Week Ending Dec 19</u>	
<u>Week Ending</u>				North East	199	191
				Great Lakes	568	573
December 26, 2015	1,456	-4.4	60.7	Midwest	183	202
December 26, 2014	1,795	-18.9	74.6	Southern	448	492
December 19, 2015	1,523	-0.8	63.7	Western	<u>58</u>	<u>65</u>
				Total	1,456	1,523
<u>Year-to-Date +</u>						
December 26, 2015	86,843	-9.3	71.0			
December 26, 2014	95,706	-	77.5			

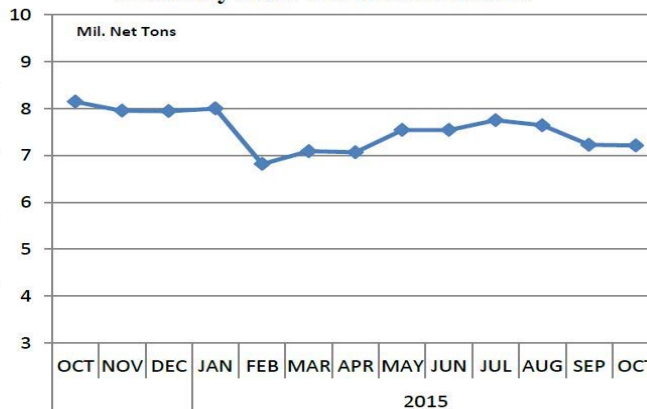
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

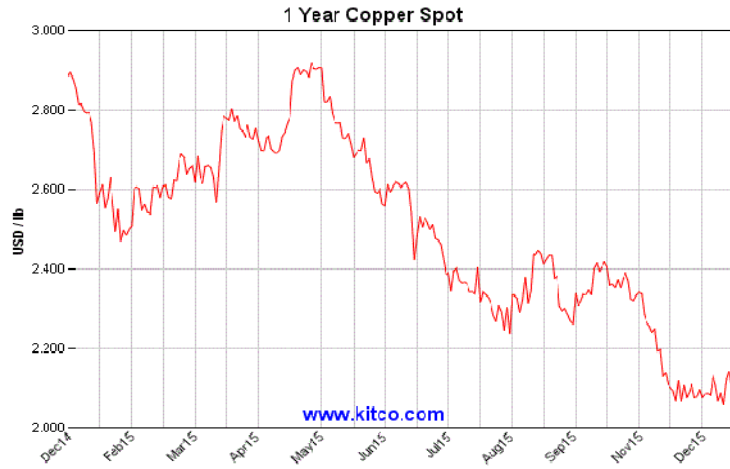
Average Weekly Raw Steel Production



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

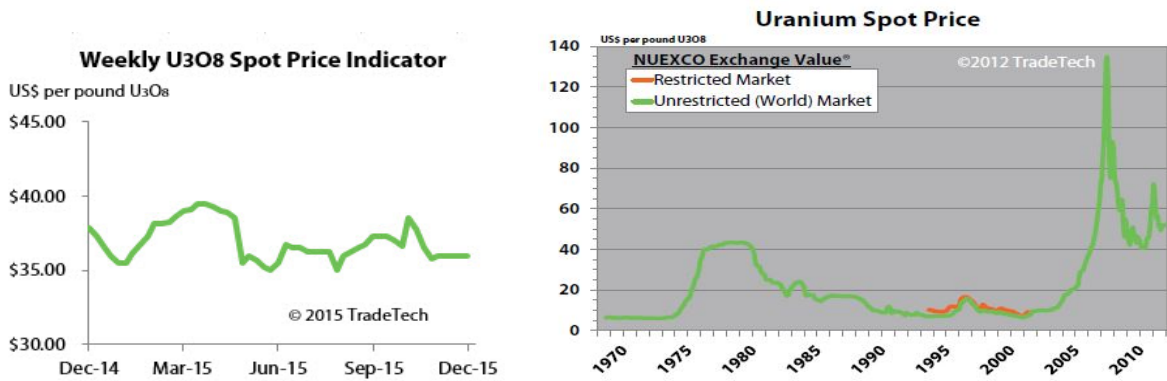


Source: Kitco website - www.kitco.com/connecting.html



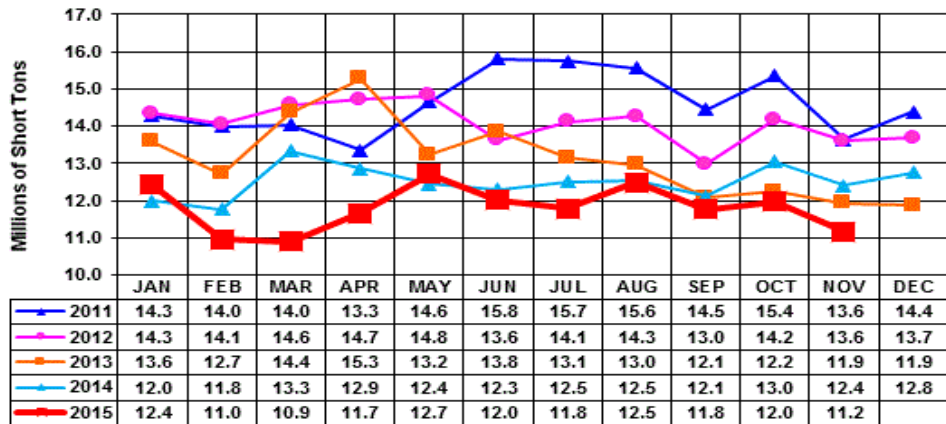
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



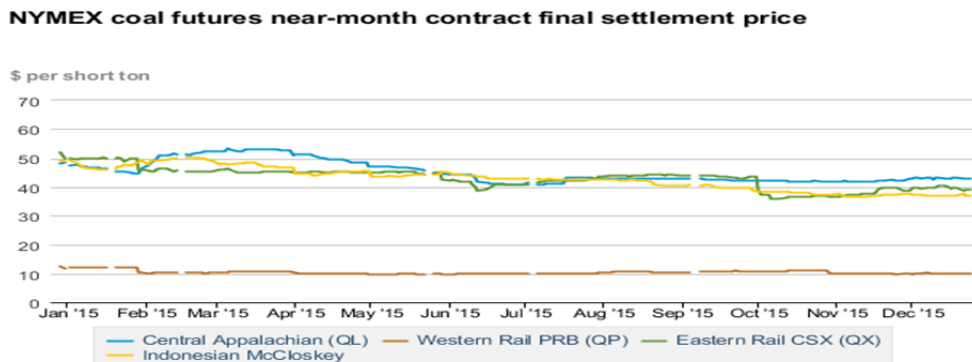
Source: Trade Tech, Uranium Info Website – www.uranium.info

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.

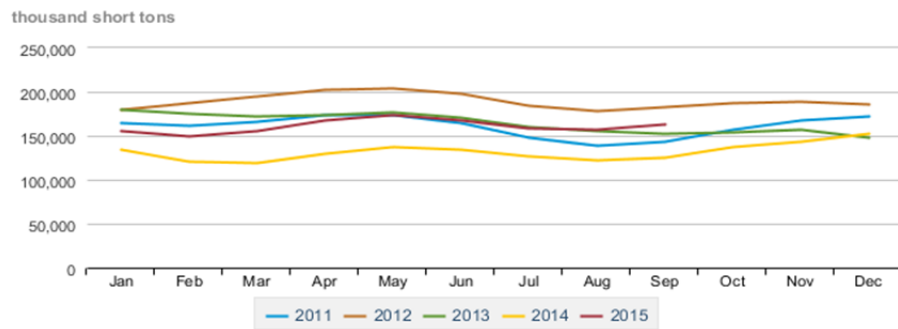
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	11/30/15	12/04/15	12/11/15	12/18/15	12/25/15	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$43.50	\$43.50	\$43.50	\$43.50	NA	NA
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.95	\$48.95	\$48.95	\$48.95	NA	NA
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.60	\$32.60	\$32.60	\$32.60	NA	NA
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$10.90	\$10.90	\$10.90	\$10.90	NA	NA
Uinta Basin 8,800 Btu, 0.8 SO ₂	\$40.65	\$40.65	\$40.65	\$40.65	NA	NA

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

Electric power sector coal stocks, January 2011 through September 2015



Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Source: Energy Information Administration, *Coal News and Markets Report*

Temperature -- heating & cooling degree days (week ending Dec 10)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	167	-49	-52	0	0	0
Middle Atlantic	165	-41	-51	0	0	0
E N Central	180	-55	-47	0	0	0
W N Central	171	-91	-65	0	0	0
South Atlantic	125	-19	-11	11	2	3
E S Central	125	-23	6	0	-1	0
W S Central	80	-29	5	2	-1	-4
Mountain	159	-58	9	0	0	0
Pacific	75	-39	14	0	-1	0
United States	139	-46	-23	2	0	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 - 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

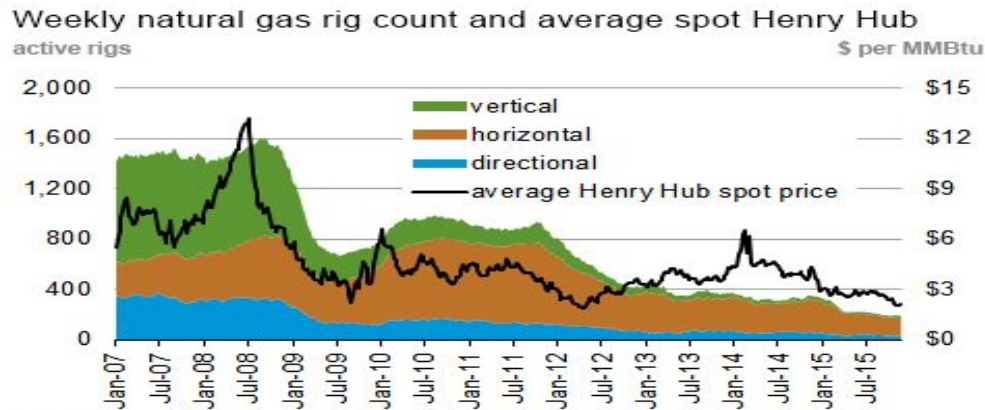
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (bcf)		
	2015-12-11	2015-12-04	change
East	894	910	-16
Midwest	1,066	1,083	-17
Mountain	203	203	0
Pacific	381	382	-1
South Central	1,347	1,340	7
Total	3,846	3,880	-34

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		
	December 2015	January 2016	change	December 2015	January 2016	change
Bakken	717	719	2	873	896	23
Eagle Ford	795	795	-	2,326	2,370	44
Haynesville	27	28	1	5,547	5,586	39
Marcellus	62	63	1	8,888	9,016	128
Niobrara	667	686	19	2,158	2,212	54
Permian	412	416	4	783	797	14
Utica	270	282	12	6,314	6,511	197
Rig-weighted average	495	492	(3)	2,450	2,517	67

Source: Energy Information Administration, *Drilling Productivity Report*