
National Mining Association

Weekly Statistical Summary

March 11, 2016 Edition
(Data for Week Ending March 5, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 10
Dated 03/11/16

PRODUCTION, CONSUMPTION & TRADE						
	Week Ended			* Cumulative Jan 1 to		
	03/05/16	03/07/15	% Chng	03/05/16	03/05/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,556	17,829	-29.6%	121,858	171,595	-29.0%
52 Weeks Ended	840,640	996,754	-15.7%			
AAR Coal Rail Cars Loaded:	71,669	101,837	-29.6%	690,760	981,245	-29.6%
Coal Production Month Ended - Feb	Feb 16/15 54,410	% Chng 72,210	% Chng -24.7%	Jan - Feb 16/15 112,692	% Chng 158,758	% Chng -29.0%
DOC Bituminous Coal Trade (000 Tons)						
Exports:	Jan 16/15	% Chng		Jan - Jan 16/15	% 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	% Chng		Cumulative Jan 1 to	% Chng	
	03/05/16	03/07/15		03/05/16	03/07/15	
EEl Electric Total Output (Mil. Kwh)	71,352	80,765	-11.7%	767,512	811,168	-5.4%
EEl Coal Region Output (Mil. Kwh)	60,966	70,030	-12.9%	659,193	701,059	-6.0%
AISI Raw Steel Output (000 Tons)	1,673	1,631	2.6%	16,465	17,475	-5.8%
EIA U.S. PETROLEUM DATA						
4-Week Averages 000 Barrels per Day						
	Week Ending	% Chng		Cumulative Daily Averages		
	03/04/16	03/06/15		2016	2015	% Chng
PETROLEUM SUPPLY:						
Domestic Crude	9,098	9,314	-2.3	9,164	9,248	-0.9
Net Imports (Incl. SPR)	7,622	6,652	14.6	7,472	6,787	10.1
SPR Stocks W/D or Added	711	1,106	--	627	1,032	--
Other Stocks W/D or Added	-438	-873	--	-103	-456	--
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						



NMA
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		
	3/5/2016 (week 10)	2/27/2016 (week 9)	3/7/2015 (week 10)	3/5/2016	3/5/2015	% Change	3/5/2016	3/7/2015	% Change
Alabama	199	206	299	1,932	2,879	-32.9	12,969	16,084	-19.4
Alaska	15	14	20	137	190	-27.9	1,033	1,398	-26.1
Arizona	103	102	130	969	1,253	-22.7	6,814	7,896	-13.7
Arkansas	2	2	2	17	15	9.0	102	97	5.2
Colorado	270	276	391	2,582	3,760	-31.3	18,558	24,007	-22.7
Illinois	907	929	1,248	8,724	12,007	-27.3	55,139	59,993	-8.1
Indiana	499	517	702	4,827	6,760	-28.6	33,055	38,984	-15.2
Kansas	3	4	4	34	38	-10.8	184	100	84.0
Kentucky Total	838	862	1,249	8,072	12,024	-32.9	57,999	75,532	-23.2
Eastern (KY)	372	381	570	3,573	5,487	-34.9	26,380	36,576	-27.9
Western (KY)	466	481	679	4,499	6,537	-31.2	31,619	38,956	-18.8
Louisiana	54	57	56	526	543	-3.0	3,677	3,075	19.6
Maryland	29	30	41	289	399	-27.7	1,839	2,038	-9.8
Mississippi	41	40	58	382	558	-31.6	2,931	3,588	-18.3
Missouri	2	2	3	19	29	-34.9	157	346	-54.6
Montana	622	652	811	6,059	7,806	-22.4	41,070	46,047	-10.8
New Mexico	210	230	288	2,160	2,769	-22.0	17,286	20,583	-16.0
North Dakota	408	426	550	3,974	5,294	-24.9	26,545	28,723	-7.6
Ohio	222	237	381	2,202	3,665	-39.9	15,700	21,958	-28.5
Oklahoma	11	11	15	102	145	-29.9	704	872	-19.3
Pennsylvania Total	686	723	1,019	6,718	9,809	-31.5	48,666	60,546	-19.6
Anthracite (PA)	30	32	35	295	338	-12.6	2,018	1,953	3.3
Bituminous (PA)	656	691	984	6,423	9,471	-32.2	46,649	58,593	-20.4
Tennessee	14	13	15	126	144	-12.4	818	846	-3.3
Texas	383	414	591	3,789	5,690	-33.4	31,138	41,967	-25.8
Utah	193	198	267	1,846	2,574	-28.3	13,848	17,345	-20.2
Virginia	195	197	274	1,848	2,633	-29.8	12,615	15,187	-16.9
West Virginia Total	1,330	1,389	2,022	13,027	19,460	-33.1	88,965	111,547	-20.2
Northern (WV)	679	711	982	6,669	9,453	-29.4	43,480	49,435	-12.0
Southern (WV)	651	678	1,040	6,358	10,008	-36.5	45,485	62,112	-26.8
Wyoming	5,320	5,533	7,393	51,498	71,151	-27.6	348,827	397,996	-12.4
Appalachian Total	3,045	3,177	4,621	29,715	44,476	-33.2	207,953	264,781	-21.5
Interior Total	2,369	2,457	3,358	22,918	32,322	-29.1	158,706	187,978	-15.6
Western Total	7,142	7,432	9,850	69,224	94,798	-27.0	473,981	543,995	-12.9
East of Mississippi River	4,959	5,144	7,308	48,147	70,338	-31.5	330,696	406,302	-18.6
West of Mississippi River	7,597	7,921	10,521	73,711	101,257	-27.2	509,944	590,452	-13.6
Bituminous and Lignite	12,526	13,034	17,794	121,563	171,257	-29.0	838,622	994,801	-15.7
Anthracite	30	32	35	295	338	-12.6	2,018	1,953	3.3
U.S. Total	12,556	13,066	17,829	121,858	171,595	-29.0	840,640	996,754	-15.7
Railroad Cars Loaded	71,669	74,552	101,837	690,760	981,245	-29.6	4,834,845	5,816,026	-16.9

Source: Energy Information Administration

Prepared by EEI's Business Information Group

EEI
WEEKLY ELECTRIC OUTPUT

Volume 84 No. 10

OUTPUT FOR WEEK ENDED - Mar 05, 2016

Mar 09, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Mar 05, 2016 was 71,352 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 172 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended March 05		52 Weeks Ended March 05	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,328	-11.7	124,540	-2.4
Mid-Atlantic	7,988	-15.2	434,969	-1.8
Central Industrial	12,928	-12.0	663,778	-3.2
West Central	5,668	-13.7	326,854	-0.9
Southeast	18,276	-11.5	1,010,283	-0.7
South Central	11,522	-17.2	699,840	0.1
Rocky Mountain	4,584	-4.1	277,736	1.3
Pacific Northwest	3,057	-4.7	152,742	0.2
Pacific Southwest	5,001	2.3	284,990	-0.1
Total United States	71,352	-11.7	3,975,731	-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 13	79,816	Feb 14	77,635	2.8	Feb 13	4,009,364	0.4
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 05	767,512	Mar 07	811,168	-5.4	YEAR TO DATE, FIRST 10 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
Feb 13	183	Feb 14	179	Feb 15	185
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

* 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		
	5-Mar 2016 GWh Output	7-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	5-Mar 2016 GWh Output	7-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015	5-Mar 2016 GWh Output	7-Mar 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,328	2,637	-11.7%	24,560	26,913	-8.7%	124,540	127,545	-2.4%
Mid-Atlantic	7,988	9,423	-15.2%	84,893	94,281	-10.0%	434,969	442,897	-1.8%
Central Industrial	12,928	14,694	-12.0%	135,161	145,701	-7.2%	663,778	685,899	-3.2%
West Central	5,668	6,565	-13.7%	63,094	66,075	-4.5%	326,854	329,920	-0.9%
Southeast	18,276	20,654	-11.5%	200,099	210,590	-5.0%	1,010,283	1,016,959	-0.7%
South Central	11,522	13,912	-17.2%	123,861	133,248	-7.0%	699,840	699,449	0.1%
Rocky Mountain	4,584	4,782	-4.1%	52,085	51,164	1.8%	277,736	274,271	1.3%
Pacific Northwest	3,057	3,209	-4.7%	34,183	33,585	1.8%	152,742	152,449	0.2%
Pacific Southwest	5,001	4,889	2.3%	49,576	49,612	-0.1%	284,990	285,204	-0.1%
Total United States ^{1/}	<u>71,352</u>	<u>80,765</u>	-11.7%	<u>767,512</u>	<u>811,169</u>	-5.4%	<u>3,975,732</u>	<u>4,014,593</u>	-1.0%
Coal Regions Only ^{2/}	60,966	70,030	-12.9%	659,193	701,059	-6.0%	3,413,460	3,449,395	-1.0%

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 7, 2016

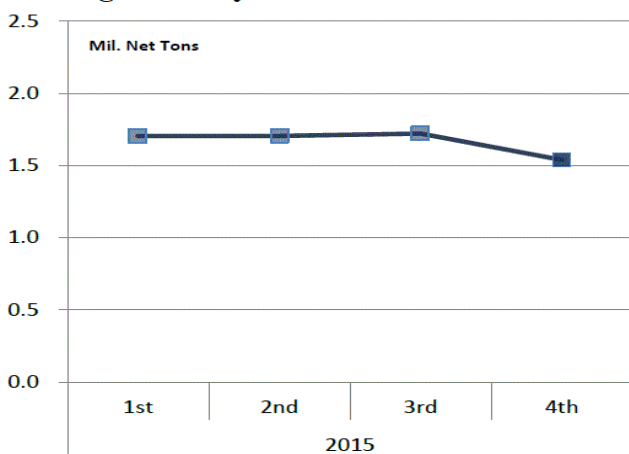
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 5</u>	<u>Week Ending Feb 27</u>	
<u>Week Ending</u>				North East	199	202
				Great Lakes	631	638
March 5, 2016	1,673	-1.1	71.5	Midwest	183	189
March 5, 2015	1,631	2.6	68.9	Southern	576	581
February 27, 2016	1,692	-0.4	72.4	Western	84	82
				Total	1,673	1,692
<u>Year-to-Date +</u>						
March 5, 2016	16,465	-5.8	69.7			
March 5, 2015	17,475	-	72.8			

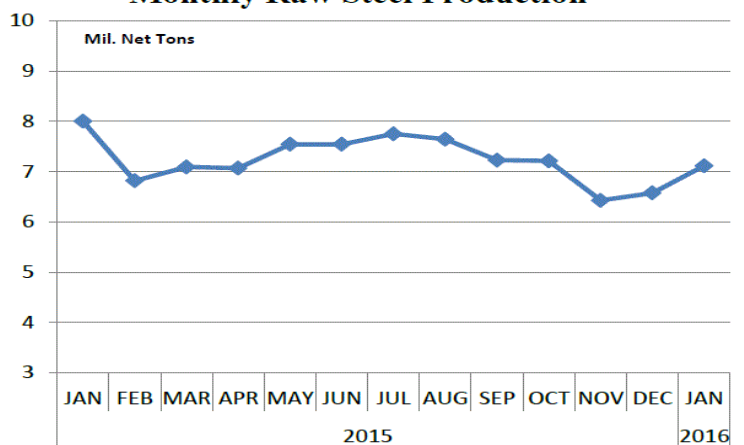
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



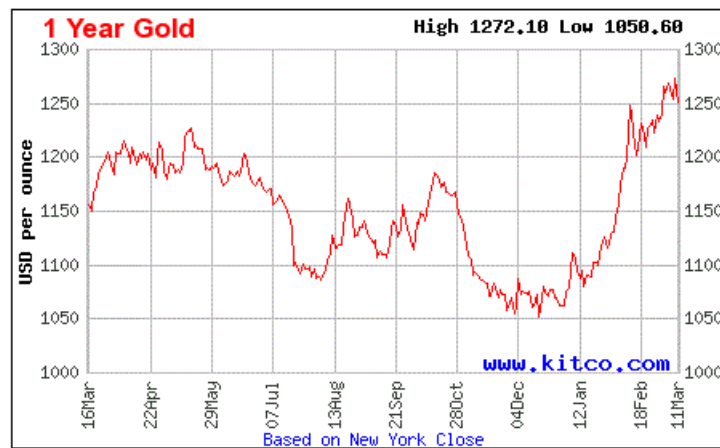
Monthly Raw Steel Production



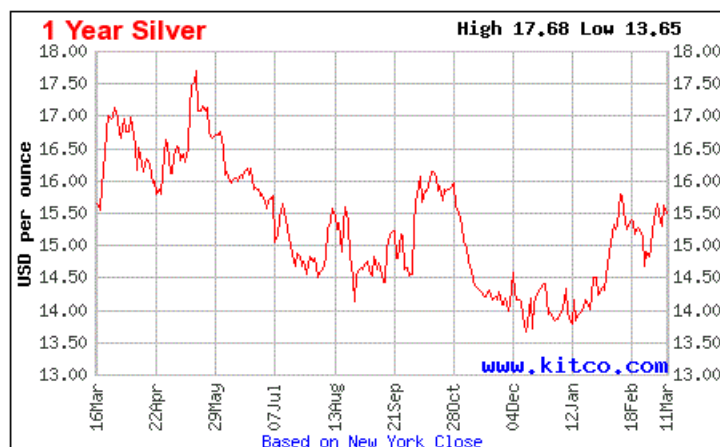
*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.



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

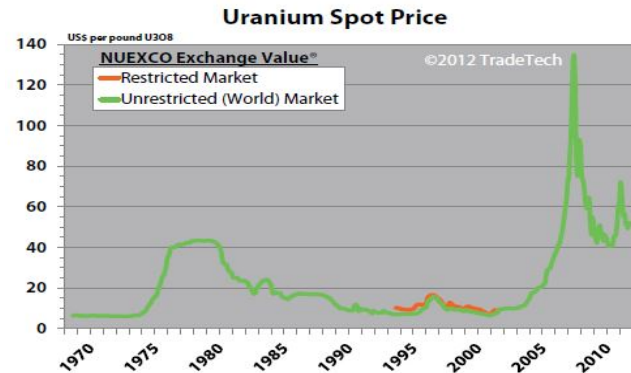
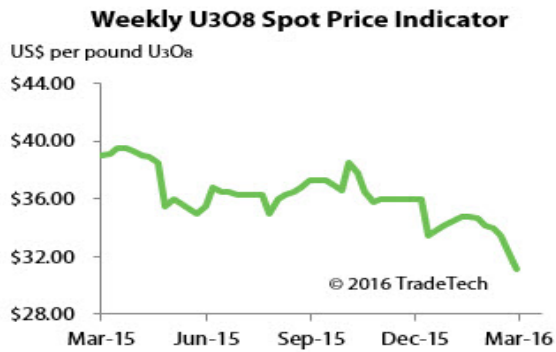


Source: Kitco website - www.kitco.com/connecting.html



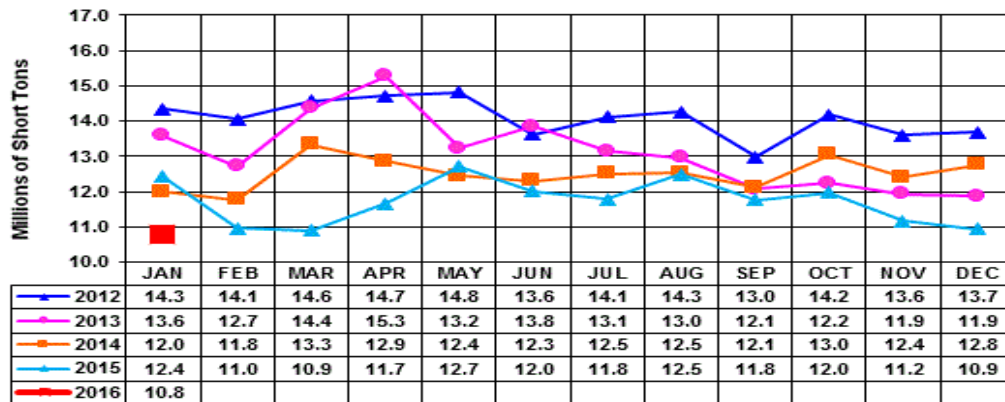
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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

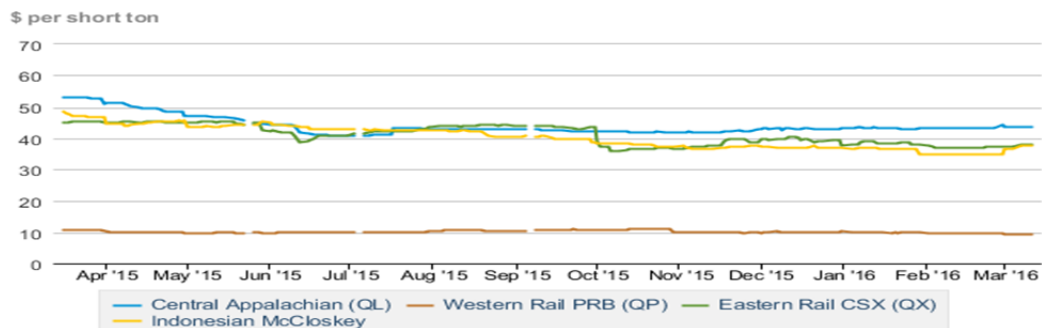
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

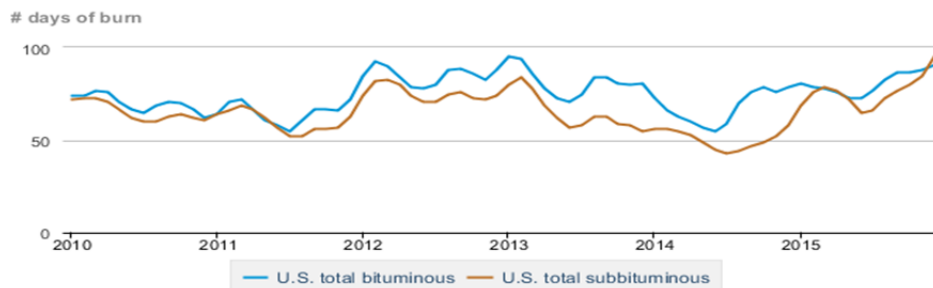
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

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 - 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)



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*

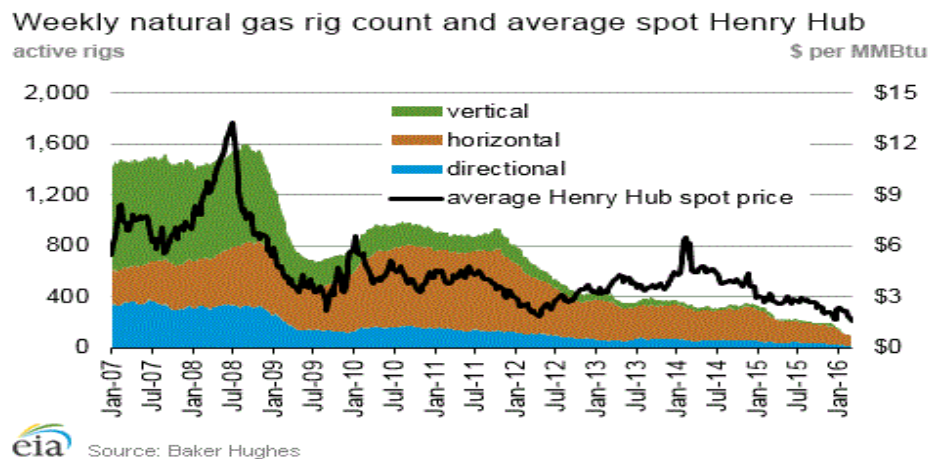
EIA Working Natural Gas Underground Storage

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*