
National Mining Association

Weekly Statistical Summary

April 15, 2016 Edition
(Data for Week Ending April 9, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 15
Dated 04/15/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/09/16	04/11/15	% Chng	04/09/16	04/09/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,244	18,110	-43.4%	178,495	263,394	-32.2%
52 Weeks Ended	805,966	989,441	-18.5%			
AAR Coal Rail Cars Loaded:	58,166	106,691	-45.5%	1,013,438	1,508,479	-32.8%
Coal Production Month Ended - Mar	Mar 16/15		% Chng	Jan - Mar 16/15		% Chng
	52,441	81,430	-35.6%	165,133	240,189	-31.2%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Feb 16/15		% Chng	Jan - Feb 16/15		% Chng
Metallurgical	3,495	3,240	7.9%	6,557	8,218	-20.2%
Steam (bit.) *	1,010	3,240	-68.8%	2,311	6,072	-61.9%
Lignite	6	5	20.0%	11	11	0.0%
Anthracite	5	14	-64.3%	73	73	0.0%
Total	4,516	6,499	-30.5%	8,952	14,374	-37.7%
Imports:	819	866	-5.4%	1,512	2,158	-29.9%

	Week Ended			Cumulative Jan 1 to		
	04/09/16	04/11/15	% Chng	04/09/16	04/11/15	% Chng
EI Electric Total Output (Mil. Kwh)	68,786	68,444	0.5%	1,107,913	1,161,168	-4.6%
EI Coal Region Output (Mil. Kwh)	58,781	58,500	0.5%	949,141	999,696	-5.1%
AISI Raw Steel Output (000 Tons)	1,656	1,649	0.4%	24,836	25,544	-2.8%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	04/08/16	04/01/16	% Chng	Wed.	04/06/16
Central App, 12,500 Btu, 1.2 SO ₂	\$42.30	\$42.30	0.0%	Henry Hub	1.86
Northern App, 13,000 Btu, < 3.0 SO ₂	46.60	46.60	0.0%	New York	1.84
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	1.92
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.35	9.35	0.0%	Cal.Comp.Avg.	1.80
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.80	37.80	0.0%		

Coal exports and Imports are "as reported" (not revised); *Steam 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; NGI's Daily Gas Price Index



EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	4/9/2016 (week 15)	4/2/2016 (week 14)	4/11/2015 (week 15)	4/9/2016	4/9/2015	% Change	4/9/2016	4/11/2015	% Change
Alabama	148	161	301	2,802	4,416	-36.6	11,336	15,946	-28.9
Alaska	14	14	30	204	303	-32.8	1,086	1,351	-19.6
Arizona	81	85	164	1,414	1,965	-28.0	6,208	7,838	-20.8
Arkansas	1	1	2	24	24	-1.6	90	99	-9.1
Colorado	207	219	436	3,759	5,822	-35.4	16,538	23,778	-30.4
Illinois	666	720	1,147	12,632	18,276	-30.9	50,180	60,585	-17.2
Indiana	400	429	736	7,060	10,406	-32.2	30,877	38,679	-20.2
Kansas	3	3	4	50	59	-15.3	189	119	58.8
Kentucky Total	676	726	1,353	11,816	18,564	-36.3	54,218	74,165	-26.9
Eastern (KY)	295	317	633	5,220	8,491	-38.5	24,472	35,788	-31.6
Western (KY)	381	409	720	6,597	10,072	-34.5	29,746	38,377	-22.5
Louisiana	44	44	59	767	835	-8.2	3,354	3,294	1.8
Maryland	26	28	42	426	612	-30.5	1,951	2,053	-5.0
Mississippi	38	37	70	568	871	-34.7	2,821	3,511	-19.7
Missouri	1	2	3	27	45	-39.1	120	330	-63.6
Montana	477	510	839	8,804	12,002	-26.6	38,432	46,361	-17.1
New Mexico	236	244	424	3,272	4,419	-26.0	18,074	19,934	-9.3
North Dakota	362	384	587	5,883	8,162	-27.9	26,358	28,535	-7.6
Ohio	176	197	342	3,216	5,568	-42.2	14,747	21,503	-31.4
Oklahoma	9	10	18	150	226	-33.4	700	856	-18.2
Pennsylvania Total	567	607	1,028	9,845	15,047	-34.6	45,781	59,485	-23.0
Anthracite (PA)	29	30	44	441	529	-16.7	2,044	1,964	4.1
Bituminous (PA)	538	577	983	9,404	14,517	-35.2	43,737	57,521	-24.0
Tennessee	11	11	20	185	227	-18.5	802	853	-6.0
Texas	348	362	574	5,600	8,700	-35.6	31,764	40,817	-22.2
Utah	165	171	308	2,718	3,998	-32.0	13,459	16,974	-20.7
Virginia	165	175	305	2,727	4,076	-33.1	12,422	14,988	-17.1
West Virginia Total	1,071	1,169	2,017	19,046	29,824	-36.1	84,180	110,384	-23.7
Northern (WV)	561	616	945	9,783	14,442	-32.3	42,724	49,420	-13.5
Southern (WV)	509	553	1,072	9,263	15,382	-39.8	41,456	60,965	-32.0
Wyoming	4,352	4,668	7,301	75,500	108,948	-30.7	340,280	397,004	-14.3
Appalachian Total	2,458	2,666	4,687	43,466	68,261	-36.3	195,691	261,000	-25.0
Interior Total	1,892	2,017	3,334	33,476	49,514	-32.4	149,842	186,668	-19.7
Western Total	5,894	6,295	10,088	101,553	145,619	-30.3	460,434	541,773	-15.0
East of Mississippi River	3,943	4,262	7,360	70,323	107,886	-34.8	309,316	402,153	-23.1
West of Mississippi River	6,301	6,716	10,749	108,172	155,508	-30.4	496,651	587,288	-15.4
Bituminous and Lignite	10,215	10,948	18,065	178,054	262,864	-32.3	803,923	987,477	-18.6
Anthracite	29	30	44	441	529	-16.7	2,044	1,964	4.1
U.S. Total	10,244	10,978	18,110	178,495	263,394	-32.2	805,966	989,441	-18.5
Railroad Cars Loaded	58,166	62,256	105,691	1,013,438	1,508,479	-32.8	4,629,210	5,768,943	-19.8

Source: Energy Information Administration

Prepared by EEI's Business Information Group



WEEKLY ELECTRIC OUTPUT

Volume 84 No. 15

OUTPUT FOR WEEK ENDED - Apr 09, 2016

Apr 13, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 09, 2016** was **68,786** 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 April 09		52 Weeks Ended April 09	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,277	-0.2	123,666	-2.9
Mid-Atlantic	7,632	1.8	431,855	-2.4
Central Industrial	12,665	6.9	661,212	-3.2
West Central	5,771	0.4	326,150	-0.9
Southeast	16,717	-2.3	1,008,042	-0.8
South Central	11,573	-2.8	699,835	-0.1
Rocky Mountain	4,423	0.6	277,678	1.2
Pacific Northwest	2,693	-3.4	153,108	0.7
Pacific Southwest	5,035	3.3	284,586	-0.3
Total United States	68,786	0.5	3,966,132	-1.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
Mar 19	68,254	Mar 21	70,450	-3.1	Mar 19	3,971,006	-1.0
Mar 26	67,689	Mar 28	70,933	-4.6	Mar 26	3,967,762	-1.1
Apr 02	67,204	Apr 04	69,177	-2.9	Apr 02	3,965,789	-1.1
Apr 09	68,786	Apr 11	68,444	0.5	Apr 09	3,966,132	-1.1
Apr 09	1,107,913	Apr 11	1,161,168	-4.6	YEAR TO DATE, FIRST 15 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Mar 19	175	Mar 21	161	Mar 22	176
Mar 26	168	Mar 28	165	Mar 29	181
Apr 02	169	Apr 04	160	Apr 05	174
Apr 09	175	Apr 11	159	Apr 12	173

* 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		
	9-Apr 2016 GWh Output	11-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Apr 2016 GWh Output	11-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Apr 2016 GWh Output	11-Apr 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,277	2,282	-0.2%	35,493	38,721	-8.3%	123,666	127,419	-2.9%
Mid-Atlantic	7,632	7,496	1.8%	121,527	134,028	-9.3%	431,855	442,449	-2.4%
Central Industrial	12,665	11,844	6.9%	195,020	208,126	-6.3%	661,212	683,135	-3.2%
West Central	5,771	5,747	0.4%	91,318	95,003	-3.9%	326,150	329,041	-0.9%
Southeast	16,717	17,103	-2.3%	284,824	297,556	-4.3%	1,008,042	1,016,331	-0.8%
South Central	11,573	11,911	-2.8%	181,715	191,108	-4.9%	699,835	700,292	-0.1%
Rocky Mountain	4,423	4,399	0.5%	74,737	73,875	1.2%	277,678	274,342	1.2%
Pacific Northwest	2,693	2,787	-3.4%	48,902	47,937	2.0%	153,108	152,032	0.7%
Pacific Southwest	5,035	4,875	3.3%	74,375	74,815	-0.6%	284,586	285,558	-0.3%
Total United States ^{1/}	<u>68,786</u>	<u>68,444</u>	0.5%	<u>1,107,911</u>	<u>1,161,169</u>	-4.6%	<u>3,966,132</u>	<u>4,010,599</u>	-1.1%
Coal Regions Only ^{2/}	58,781	58,500	0.5%	949,141	999,696	-5.1%	3,404,772	3,445,590	-1.2%

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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April 11, 2016

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

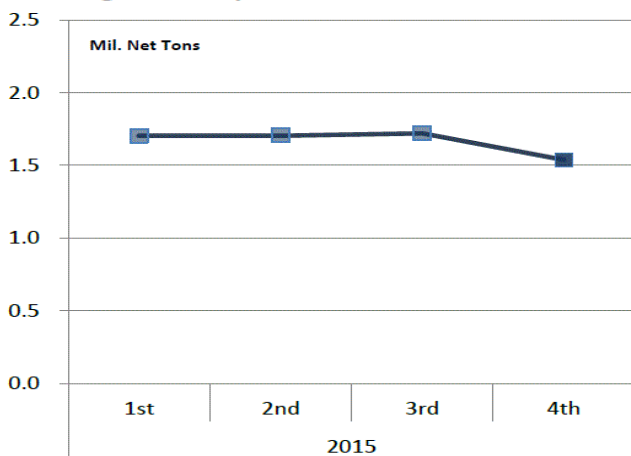
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
<u>Week Ending</u>				<u>Apr 9</u>	<u>Apr 2</u>	
April 9, 2016	1,656	0.4	70.8	North East	204	203
April 9, 2015	1,649	0.4	69.8	Great Lakes	624	681
April 2, 2016	1,650	-1.5	70.6	Midwest	191	184
				Southern	552	499
				Western	85	83
				Total	1,656	1,650

<u>Year-to-Date +</u>			
April 9, 2016	24,836	-2.8	70.4
April 9, 2015	25,544	-	71.5

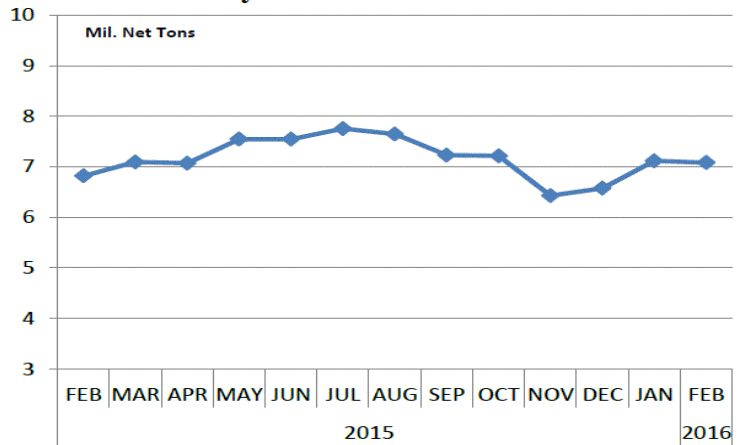
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

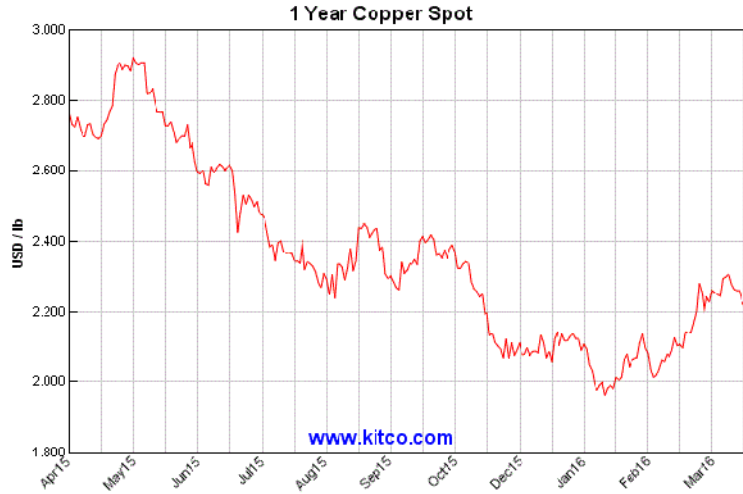
Average Weekly Raw Steel Production



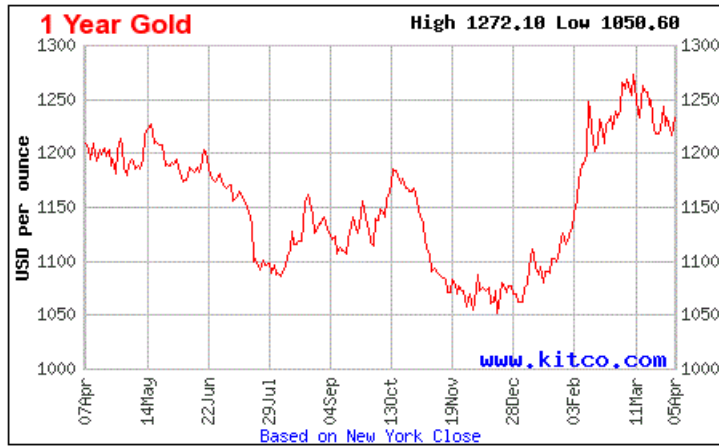
Monthly Raw Steel Production



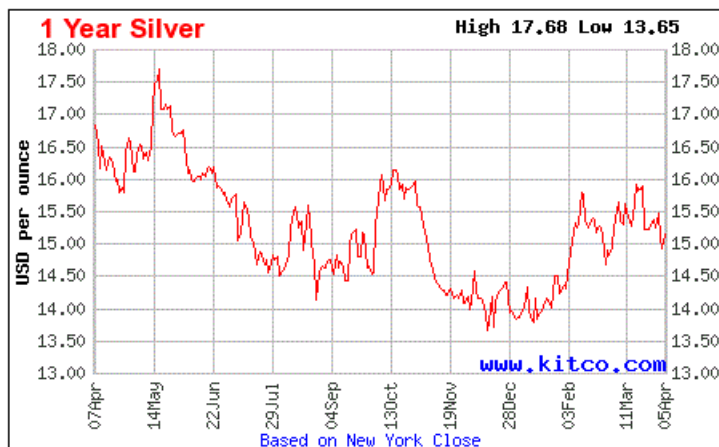
*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.



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

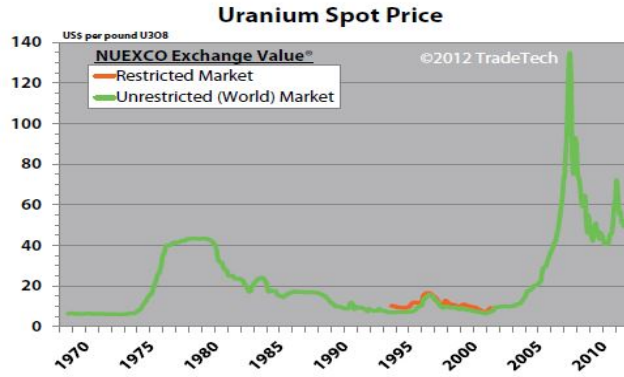
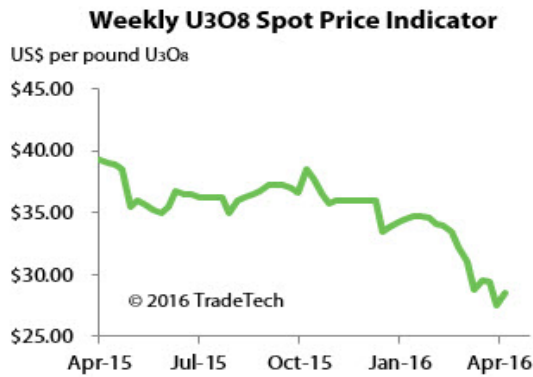


Source: Kitco website - www.kitco.com/connecting.html



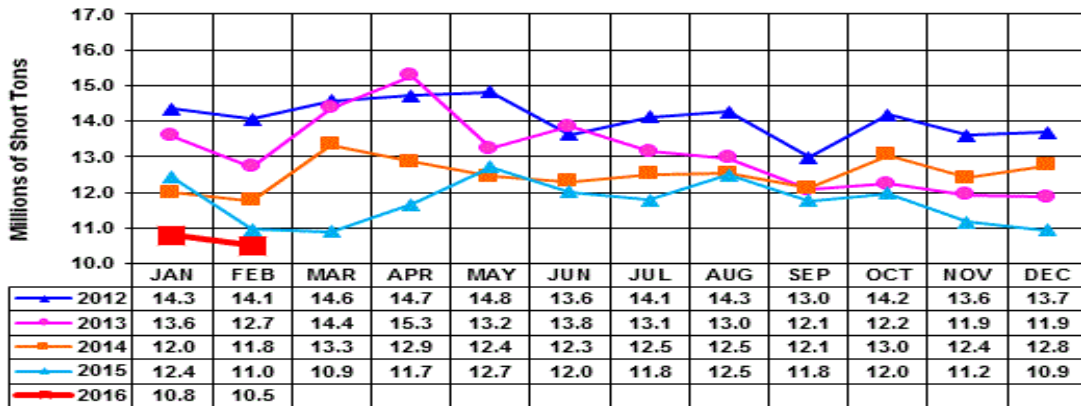
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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

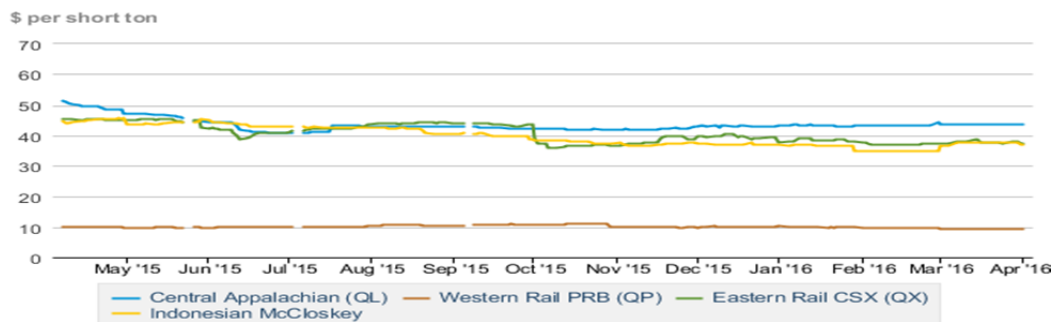
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

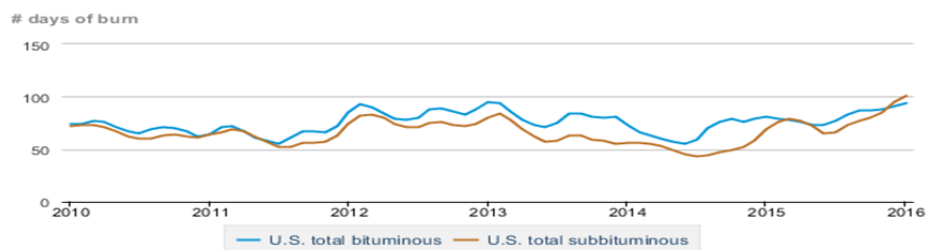
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	03/11/16	03/18/16	03/25/16	04/01/16	04/08/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$42.25	\$42.25	\$42.25	\$42.30	\$42.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.60	\$48.60	\$48.60	\$46.60	\$46.60	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.20	\$32.20	\$32.20	\$31.70	\$31.70	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$9.45	\$9.45	\$9.45	\$9.35	\$9.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$38.05	\$38.05	\$38.05	\$37.80	\$37.80	\$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 - January 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Mar 31)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	148	-26	-50	0	0	0
Middle Atlantic	121	-38	-74	0	0	0
E N Central	136	-28	-53	0	0	0
W N Central	141	-20	-2	0	-1	0
South Atlantic	57	-30	-48	21	8	11
E S Central	64	-18	-32	1	-4	0
W S Central	41	-5	10	17	3	-4
Mountain	151	11	76	2	-2	-11
Pacific	77	-4	56	0	-2	-2
United States	105	-19	-16	6	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	January 2016		January 2015		% Change of Stocks	December 2015		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	7,963	100	7,049	91	13.0%	8,431	92	-5.5%
	Subbituminous	652	220	785	205	-17.0%	675	174	-3.4%
South	Bituminous	35,808	97	33,101	85	8.2%	38,762	95	-7.6%
	Subbituminous	7,792	98	6,184	82	26.0%	8,145	97	-4.3%
Midwest	Bituminous	17,447	91	14,415	74	21.0%	18,625	88	-6.3%
	Subbituminous	46,652	87	33,409	58	39.6%	48,526	82	-3.9%
West	Bituminous	4,852	78	4,515	69	7.5%	5,331	77	-9.0%
	Subbituminous	40,971	121	28,826	82	42.1%	40,914	116	0.1%
U.S. Total	Bituminous	66,071	94	59,079	81	11.8%	71,149	91	-7.1%
	Subbituminous	96,066	101	69,204	69	38.8%	98,260	95	-2.2%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

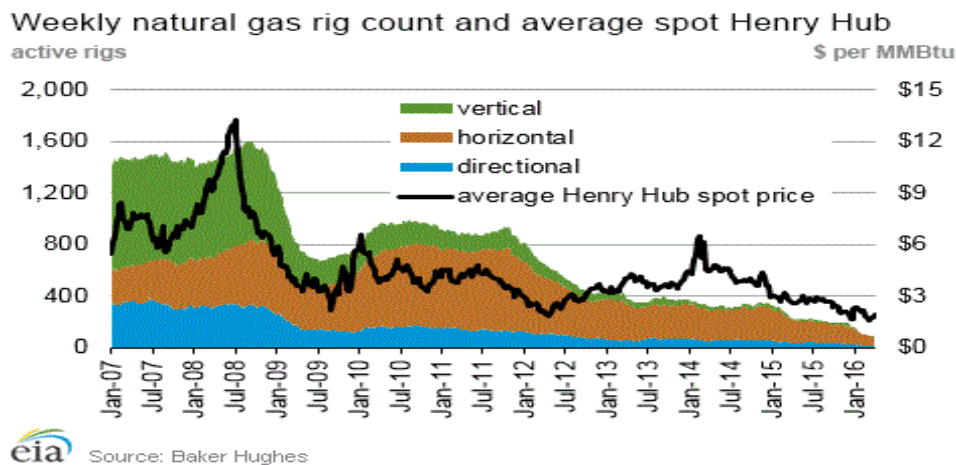
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-04-01	2016-03-25	change
East	434	439	-5
Midwest	548	555	-7
Mountain	149	147	2
Pacific	265	262	3
South Central	1,084	1,065	19
Total	2,480	2,468	12

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		
	April 2016	May 2016	change	April 2016	May 2016	change
Bakken	757	767	10	957	966	9
Eagle Ford	840	852	12	2,829	2,838	9
Haynesville	27	27	-	5,406	5,476	70
Marcellus	65	65	-	10,851	10,987	136
Niobrara	863	885	22	2,544	2,609	65
Permian	458	468	10	838	846	8
Utica	319	331	12	7,036	7,115	79
Rig-weighted average	541	532	(9)	2,690	2,836	146

Source: Energy Information Administration, *Drilling Productivity Report*