
National Mining Association

Weekly Statistical Summary

May 6, 2016 Edition
(Data for Week Ending April 30, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 18
Dated 05/06/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/30/16	05/02/15	% Chng	04/30/16	04/30/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,259	17,391	-35.3%	211,174	314,892	-32.9%
52 Weeks Ended	787,348	983,394	-19.9%			
AAR Coal Rail Cars Loaded:	65,145	101,495	-35.8%	1,199,510	1,809,034	-33.7%
Coal Production Month Ended - Apr	Apr 16/15		% Chng	Jan - Apr 16/15		% Chng
	46,040	74,704	-38.4%	211,174	314,892	-32.9%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Mar 16/15			Jan - Mar 16/15		
			% Chng			% Chng
Metallurgical	3,596	5,298	-32.1%	10,153	13,516	-24.9%
Steam (bit.) *	1,458	2,297	-36.5%	3,769	8,370	-55.0%
Lignite	5	4	25.0%	16	15	6.7%
Anthracite	153	16	856.3%	226	89	153.9%
Total	5,212	7,615	-31.6%	14,164	21,990	-35.6%
Imports:	1,186	850	39.5%	2,698	3,009	-10.3%

	Week Ended			Cumulative Jan 1 to		
	04/30/16	05/02/15	% Chng	04/30/16	05/02/15	% Chng
EI Electric Total Output (Mil. Kwh)	69,488	67,570	2.8%	1,312,537	1,365,273	-3.9%
EI Coal Region Output (Mil. Kwh)	59,772	57,474	4.0%	1,124,390	1,173,932	-4.2%
AISI Raw Steel Output (000 Tons)	1,711	1,649	3.8%	30,009	30,493	-1.6%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	04/29/16	04/22/16	% Chng	Wed.	04/27/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$42.30	-4.3%	Henry Hub	1.88
Northern App, 13,000 Btu, < 3.0 SO ₂	43.55	46.60	-6.5%	New York	1.47
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	1.93
Powder River Basin, 8,800 Btu 0.8 SO ₂	9.35	9.35	0.0%	Cal.Comp.Avg.	1.85
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		
	4/30/2016 (week 18)	4/23/2016 (week 17)	5/2/2015 (week 18)	4/30/2016	4/30/2015	% Change	4/30/2016	5/2/2015	% Change
Alabama	163	142	289	3,269	5,273	-38.0	10,949	15,963	-31.4
Alaska	15	15	28	247	387	-36.2	1,045	1,341	-22.1
Arizona	89	85	158	1,673	2,431	-31.2	6,003	7,872	-23.7
Arkansas	1	1	2	28	31	-10.0	88	100	-12.0
Colorado	227	212	418	4,419	7,060	-37.4	15,963	23,492	-32.0
Illinois	732	655	1,101	14,738	21,538	-31.6	49,037	60,658	-19.2
Indiana	440	406	707	8,334	12,498	-33.3	30,068	38,512	-21.9
Kansas	3	3	4	58	71	-17.2	186	130	43.1
Kentucky Total	743	691	1,299	13,966	22,411	-37.7	52,535	73,359	-28.4
Eastern (KY)	324	304	608	6,157	10,290	-40.2	23,617	35,184	-32.9
Western (KY)	419	388	692	7,808	12,120	-35.6	28,918	38,175	-24.2
Louisiana	48	42	56	911	1,002	-9.1	3,332	3,389	-1.7
Maryland	28	26	40	507	732	-30.7	1,913	2,053	-6.8
Mississippi	41	39	67	690	1,070	-35.5	2,744	3,488	-21.3
Missouri	2	2	3	32	55	-41.2	115	314	-63.4
Montana	525	480	806	10,333	14,388	-28.2	37,584	46,177	-18.6
New Mexico	259	245	408	4,038	5,626	-28.2	17,638	19,777	-10.8
North Dakota	398	365	563	7,039	9,830	-28.4	25,853	28,621	-9.7
Ohio	193	176	328	3,772	6,541	-42.3	14,334	21,000	-31.7
Oklahoma	10	10	17	180	277	-35.0	678	853	-20.5
Pennsylvania Total	624	569	987	11,662	17,969	-35.1	44,687	58,751	-23.9
Anthracite (PA)	32	31	42	535	655	-18.2	2,013	1,987	1.3
Bituminous (PA)	592	538	944	11,127	17,314	-35.7	42,674	56,763	-24.8
Tennessee	12	12	19	220	283	-22.3	781	867	-9.9
Texas	383	338	551	6,734	10,333	-34.8	31,271	40,046	-21.9
Utah	182	168	296	3,250	4,874	-33.3	13,118	16,780	-21.8
Virginia	181	170	293	3,249	4,943	-34.3	12,081	14,918	-19.0
West Virginia Total	1,177	1,061	1,937	22,436	35,560	-36.9	81,856	109,291	-25.1
Northern (WV)	617	567	908	11,559	17,130	-32.5	41,823	49,267	-15.1
Southern (WV)	560	494	1,029	10,876	18,430	-41.0	40,033	60,024	-33.3
Wyoming	4,783	4,422	7,011	89,387	129,710	-31.1	333,487	395,639	-15.7
Appalachian Total	2,702	2,458	4,501	51,272	81,591	-37.2	190,219	258,028	-26.3
Interior Total	2,079	1,883	3,201	39,514	58,994	-33.0	146,437	185,666	-21.1
Western Total	6,478	5,991	9,688	120,387	174,307	-30.9	450,691	539,700	-16.5
East of Mississippi River	4,334	3,945	7,068	82,843	128,817	-35.7	300,986	398,862	-24.5
West of Mississippi River	6,925	6,387	10,322	128,331	186,075	-31.0	486,361	584,532	-16.8
Bituminous and Lignite	11,227	10,301	17,348	210,638	314,237	-33.0	785,335	981,407	-20.0
Anthracite	32	31	42	535	655	-18.2	2,013	1,987	1.3
U.S. Total	11,259	10,332	17,391	211,174	314,892	-32.9	787,348	983,394	-19.9
Railroad Cars Loaded	64,145	58,837	101,495	1,199,510	1,809,034	-33.7	4,515,900	5,728,951	-21.2

Source: Energy Information Administration

Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 18

OUTPUT FOR WEEK ENDED - Apr 30, 2016

May 04, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 30, 2016** was **69,488** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **176** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 30		52 Weeks Ended April 30	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,075	0.8	123,614	-2.8
Mid-Atlantic	7,005	-1.7	431,578	-2.4
Central Industrial	11,457	-0.3	661,179	-3.2
West Central	5,566	1.1	326,068	-0.9
Southeast	18,182	7.1	1,008,317	-0.8
South Central	13,195	12.8	701,409	0.1
Rocky Mountain	4,367	-6.6	277,233	1.0
Pacific Northwest	2,707	1.5	153,016	0.7
Pacific Southwest	4,934	-8.1	284,238	-0.4
Total United States	69,488	2.8	3,966,652	-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)
Apr 09	68,786	Apr 11	68,444	0.5	Apr 09	3,966,132	-1.1
Apr 16	68,014	Apr 18	68,385	-0.5	Apr 16	3,965,761	-1.1
Apr 23	67,123	Apr 25	68,150	-1.5	Apr 23	3,964,734	-1.2
Apr 30	69,488	May 02	67,570	2.8	Apr 30	3,966,652	-1.1
Apr 30	1,312,537	May 02	1,365,273	-3.9	YEAR TO DATE, FIRST 18 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Apr 09	175	Apr 11	159	Apr 12	173
Apr 16	173	Apr 18	158	Apr 19	174
Apr 23	172	Apr 25	159	Apr 26	172
Apr 30	176	May 02	158	May 03	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		
	30-Apr 2016 GWh Output	2-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	30-Apr 2016 GWh Output	2-May 2015 GWh Output	% Increase Over Corresponding Week of 2015	30-Apr 2016 GWh Output	2-May 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,075	2,059	0.8%	41,675	44,955	-7.3%	123,614	127,154	-2.8%
Mid-Atlantic	7,005	7,123	-1.7%	142,755	155,534	-8.2%	431,578	441,999	-2.4%
Central Industrial	11,457	11,486	-0.3%	230,011	243,150	-5.4%	661,179	682,847	-3.2%
West Central	5,566	5,506	1.1%	108,228	111,994	-3.4%	326,068	329,016	-0.9%
Southeast	18,182	16,983	7.1%	336,542	348,999	-3.6%	1,008,317	1,016,650	-0.8%
South Central	13,195	11,702	12.8%	218,877	226,695	-3.4%	701,409	700,555	0.1%
Rocky Mountain	4,367	4,674	-6.6%	87,977	87,560	0.5%	277,233	274,392	1.0%
Pacific Northwest	2,707	2,667	1.5%	57,006	56,133	1.6%	153,016	151,993	0.7%
Pacific Southwest	4,934	5,370	-8.1%	89,465	90,254	-0.9%	284,238	285,497	-0.4%
Total United States ^{1/}	<u>69,488</u>	<u>67,570</u>	2.8%	<u>1,312,536</u>	<u>1,365,274</u>	-3.9%	<u>3,966,652</u>	<u>4,010,103</u>	-1.1%
Coal Regions Only ^{2/}	59,772	57,474	4.0%	1,124,390	1,173,932	-4.2%	3,405,784	3,445,459	-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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May 2, 2016

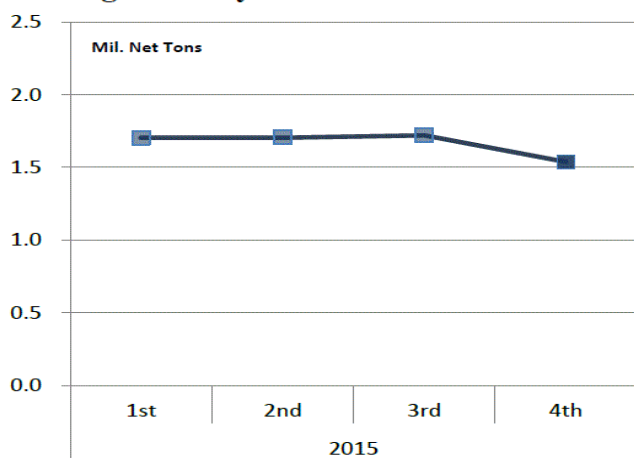
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Apr 30</u>	<u>Week Ending Apr 23</u>	
<u>Week Ending</u>				North East	204	211
				Great Lakes	614	632
April 30, 2016	1,711	1.6	73.2	Midwest	180	182
April 30, 2015	1,649	3.8	69.8	Southern	625	570
April 23, 2016	1,684	-0.5	72.0	Western	88	89
				Total	1,711	1,684
<u>Year-to-Date +</u>						
April 30, 2016	30,009	-1.6	71.3			
April 30, 2015	30,493	-	71.5			

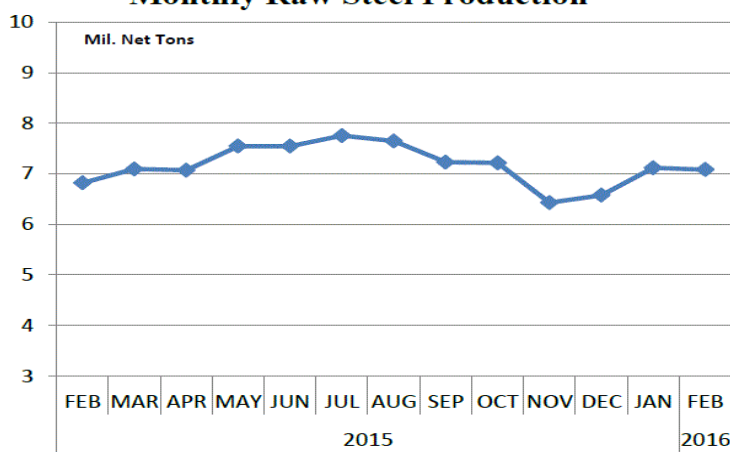
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

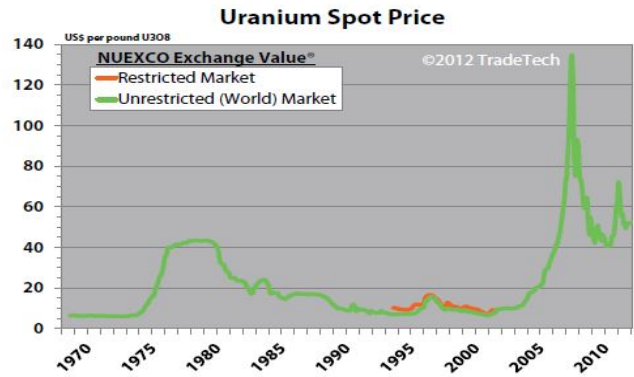
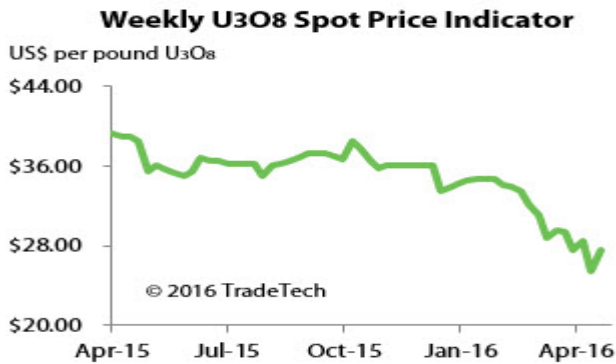


Source: Kitco website - www.kitco.com/connecting.html



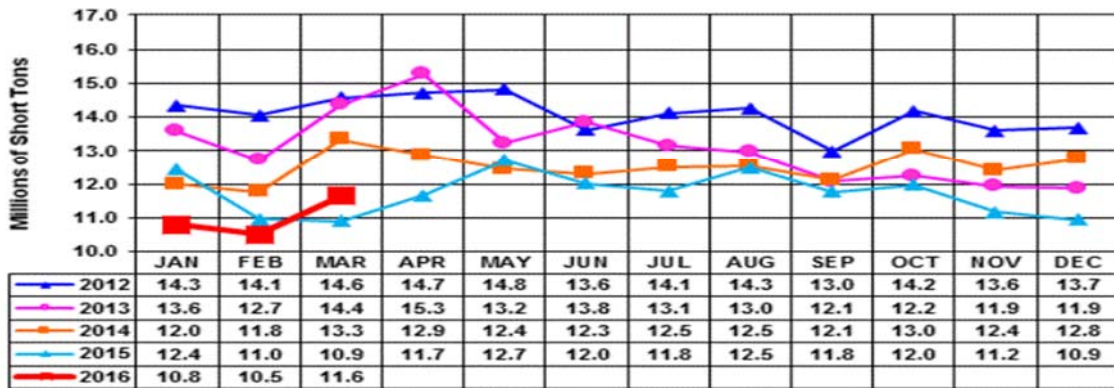
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



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

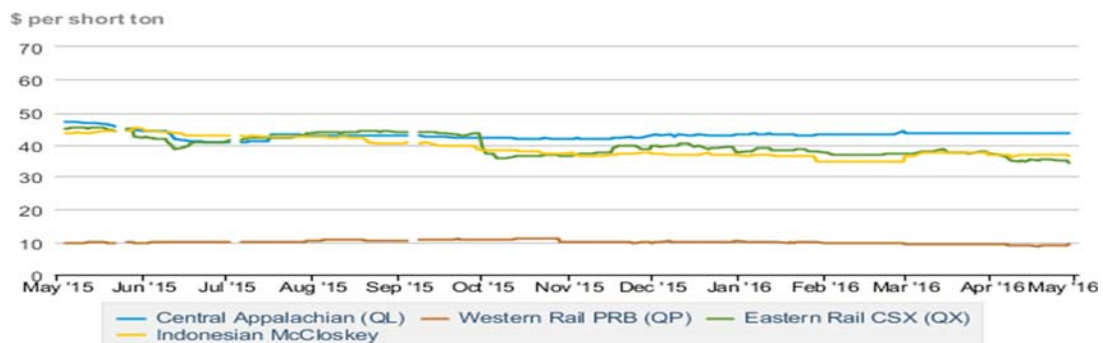
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

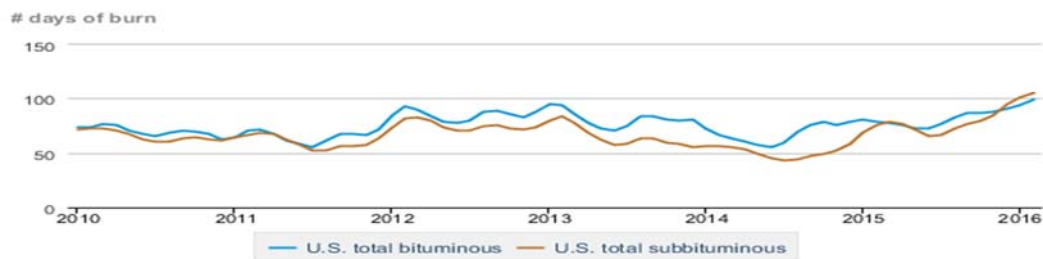
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices *dollars per short ton*

	Week ending					Week ago
	04/01/16	04/08/16	04/15/16	04/22/16	04/29/16	change
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$42.30	\$42.30	\$42.30	\$42.30	\$40.50	-\$1.80
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$46.60	\$46.60	\$46.60	\$46.60	\$43.55	-\$3.05
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$31.70	\$31.70	\$31.70	\$31.70	\$31.70	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$9.35	\$9.35	\$9.35	\$9.35	\$9.35	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$37.80	\$37.80	\$37.80	\$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 - February 2016



Source: U.S. Energy Information Administration

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

Region	Temperature -- heating & cooling degree days (week ending Apr 21)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	105	-21	5	0	0	0
Middle Atlantic	73	-37	3	0	0	0
E N Central	50	-63	-34	0	0	0
W N Central	52	-51	-37	0	-1	0
South Atlantic	39	-12	12	17	1	-14
E S Central	19	-28	-8	5	0	-2
W S Central	15	-5	-2	31	8	4
Mountain	106	-1	2	8	-1	1
Pacific	17	-46	-17	6	3	6
United States	48	-36	-13	8	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)



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	February 2016		February 2015			January 2016		
		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	7,725	113	5,982	85	29.1%	7,963	100	-3.0%
	Subbituminous	545	303	747	260	-27.1%	652	220	-16.5%
South	Bituminous	34,970	99	30,211	81	15.8%	35,788	97	-2.3%
	Subbituminous	7,689	99	5,942	80	29.4%	7,792	98	-1.3%
Midwest	Bituminous	17,391	99	13,392	74	29.9%	17,447	91	-0.3%
	Subbituminous	46,504	95	32,575	64	42.8%	46,617	87	-0.2%
West	Bituminous	5,313	85	4,746	74	11.9%	4,852	78	9.5%
	Subbituminous	42,051	121	30,848	91	36.3%	40,971	121	2.6%
U.S. Total	Bituminous	65,400	99	54,331	79	20.4%	66,051	94	-1.0%
	Subbituminous	96,789	105	70,112	76	38.0%	96,032	101	0.8%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

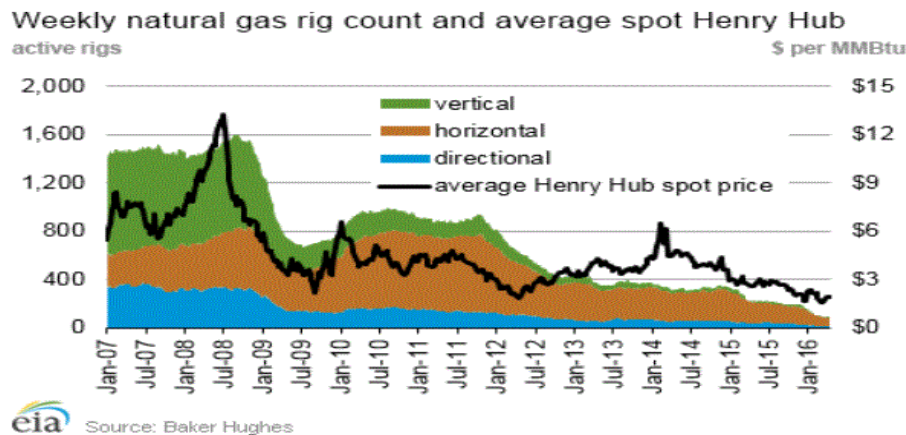
EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-04-22	2016-04-15	change
East	431	408	23
Midwest	554	538	16
Mountain	155	152	3
Pacific	277	271	6
South Central	1,140	1,115	25
Total	2,557	2,484	73

Source: U.S. Energy Information Administration

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*