
National Mining Association

Weekly Statistical Summary

July 8, 2016 Edition
(Data for Week Ending July 2, 2016)

Prepared by
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NMA Weekly Statistical Summary

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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/02/16	07/04/15	% Chng	07/02/16	07/02/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,103	14,294	-1.3%	330,728	455,691	-27.4%
52 Weeks Ended	767,019	956,262	-19.8%			
AAR Coal Rail Cars Loaded:	79,354	82,924	-4.3%	1,833,006	2,630,659	-30.3%
Coal Production Month Ended - June	Jun 16/15		% Chng	Jan - Jun 16/15		% Chng
	57,028	66,484	-14.2%	318,814	451,318	-29.4%

DOC Bituminous Coal Trade (000 Tons)

Exports:	May 16/15		% Chng	Jan - May 16/15		% Chng
Metallurgical	3,275	4,550	-28.0%	16,792	22,294	-24.7%
Steam *	928	2,205	-57.9%	5,903	13,483	-56.2%
Lignite	5	5	0.0%	28	25	12.0%
Anthracite	4	4	0.0%	242	172	40.7%
Total	4,212	6,764	-37.7%	22,965	35,974	-36.2%
Imports:	910	919	-1.0%	4,348	4,807	-9.5%

	Week Ended			Cumulative Jan 1 to		
	07/02/16	07/04/15	% Chng	07/02/16	07/04/15	% Chng
EI Electric Total Output (Mil. Kwh)	86,222	80,249	7.4%	2,014,210	2,065,667	-2.5%
EI Coal Region Output (Mil. Kwh)	74,057	68,370	8.3%	1,730,862	1,779,346	-2.7%
AISI Raw Steel Output (000 Tons)	1,737	1,758	-1.2%	45,742	46,072	-0.7%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	07/01/16	06/24/16	% Chng	Wed.	06/29/16
Central App, 12,500 Btu, 1.2 SO ₂	\$41.10	\$40.50	1.5%	Henry Hub	2.93
Northern App, 13,000 Btu, < 3.0 SO ₂	43.35	42.10	3.0%	New York	2.08
Illinois Basin, 11,800, 5.0 SO ₂	32.00	31.70	0.9%	Chicago	2.86
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.70	8.80	-1.1%	Cal.Comp.Avg.	3.06
Uinta Basin, 11,700 Btu, 0.8 SO ₂	39.40	37.50	5.1%		

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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	7/2/2016 (week 27)	6/25/2016 (week 26)	7/4/2015 (week 27)	7/2/2016	7/2/2015	% Change	7/2/2016	7/4/2015	% Change
Alabama	183	176	211	4,629	7,601	-39.1	10,009	15,800	-36.7
Alaska	21	22	19	530	615	-13.9	1,104	1,297	-14.9
Arizona	106	109	116	2,570	3,699	-30.5	5,646	7,861	-28.2
Arkansas	1	1	2	29	49	-40.8	71	102	-30.4
Colorado	262	266	323	5,589	10,436	-46.4	13,790	22,418	-38.5
Illinois	861	829	869	21,282	30,436	-30.1	46,758	60,197	-22.3
Indiana	546	541	563	13,381	18,208	-26.5	29,450	37,632	-21.7
Kansas	4	3	3	69	103	-32.9	165	159	3.8
Kentucky Total	917	918	1,000	21,720	32,920	-34.0	49,908	70,295	-29.0
Eastern (KY)	399	403	457	9,108	15,214	-40.1	21,724	33,119	-34.4
Western (KY)	518	515	543	12,612	17,706	-28.8	28,184	37,176	-24.2
Louisiana	58	52	62	1,329	1,468	-9.4	3,280	3,616	-9.3
Maryland	34	34	29	746	1,056	-29.3	1,833	2,028	-9.6
Mississippi	55	55	56	1,373	1,616	-15.0	2,885	3,381	-14.7
Missouri	2	2	3	64	81	-20.8	121	265	-54.3
Montana	650	627	684	14,762	20,924	-29.4	35,509	45,198	-21.4
New Mexico	367	358	337	8,157	8,927	-8.6	18,478	19,127	-3.4
North Dakota	515	498	460	12,859	14,390	-10.6	27,145	28,568	-5.0
Ohio	257	251	266	6,666	9,198	-27.5	14,590	19,408	-24.8
Oklahoma	13	13	12	311	416	-25.3	672	833	-19.3
Pennsylvania Total	808	779	849	19,221	25,979	-26.0	44,270	56,155	-21.2
Anthracite (PA)	40	40	37	884	1,000	-11.5	2,019	2,031	-0.6
Bituminous (PA)	767	740	813	18,336	24,979	-26.6	42,251	54,124	-21.9
Tennessee	15	15	14	401	436	-8.0	811	894	-9.3
Texas	593	526	573	15,790	14,858	6.3	35,774	37,550	-4.7
Utah	247	239	249	6,013	7,273	-17.3	13,494	16,070	-16.0
Virginia	231	232	219	5,751	7,327	-21.5	12,250	14,579	-16.0
West Virginia Total	1,459	1,412	1,483	35,633	51,135	-30.3	79,580	104,985	-24.2
Northern (WV)	773	753	712	18,874	24,461	-22.8	41,872	48,322	-13.3
Southern (WV)	686	659	771	16,758	26,675	-37.2	37,708	56,663	-33.5
Wyoming	5,896	5,728	5,893	131,854	186,542	-29.3	319,429	387,842	-17.6
Appalachian Total	3,387	3,303	3,529	82,155	117,945	-30.3	185,066	246,968	-25.1
Interior Total	2,651	2,537	2,685	66,240	84,941	-22.0	147,359	180,913	-18.5
Western Total	8,065	7,847	8,080	182,333	252,805	-27.9	434,594	528,381	-17.7
East of Mississippi River	5,367	5,242	5,559	130,803	185,911	-29.6	292,343	385,355	-24.1
West of Mississippi River	8,736	8,445	8,735	199,925	269,780	-25.9	474,676	570,907	-16.9
Bituminous and Lignite	14,063	13,647	14,257	329,844	454,692	-27.5	765,001	954,230	-19.8
Anthracite	40	40	37	884	1,000	-11.5	2,019	2,031	-0.6
U.S. Total	14,103	13,687	14,294	330,728	455,691	-27.4	767,019	956,262	-19.8
Railroad Cars Loaded	79,354	77,514	82,924	1,833,006	2,630,659	-30.3	4,333,507	5,554,960	-22.0

Source: Energy Information Administration



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OUTPUT FOR WEEK ENDED - Jul 02, 2016

Jul 07, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Jul 02, 2016 was 86,222 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 178 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended July 02		52 Weeks Ended July 02	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,619	12.9	123,382	-2.7
Mid-Atlantic	9,055	8.1	428,099	-3.5
Central Industrial	13,249	14.5	663,314	-2.4
West Central	7,012	7.3	327,489	-0.4
Southeast	21,727	9.0	1,006,282	-1.4
South Central	16,925	8.6	704,271	0.4
Rocky Mountain	6,089	-4.5	277,382	1.2
Pacific Northwest	2,871	-7.2	152,664	0.2
Pacific Southwest	6,675	3.2	285,049	0.4
Total United States	86,222	7.4	3,967,931	-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)
Jun 11	81,077	Jun 13	83,868	-3.3	Jun 11	3,960,534	-1.2
Jun 18	84,925	Jun 20	84,970	-0.1	Jun 18	3,960,489	-1.3
Jun 25	88,590	Jun 27	87,121	1.7	Jun 25	3,961,958	-1.3
Jul 02	86,222	Jul 04	80,249	7.4	Jul 02	3,967,931	-1.1
Jul 02	2,014,210	Jul 04	2,065,667	-2.5	YEAR TO DATE, FIRST 27 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
Jun 11	171	Jun 13	197	Jun 14	169
Jun 18	175	Jun 20	199	Jun 21	179
Jun 25	178	Jun 27	209	Jun 28	174
Jul 02	178	Jul 04	194	Jul 05	179

* 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		
	2-Jul 2016 GWh Output	4-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	2-Jul 2016 GWh Output	4-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	2-Jul 2016 GWh Output	4-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,619	2,321	12.8%	62,070	65,583	-5.4%	123,382	126,782	-2.7%
Mid-Atlantic	9,055	8,374	8.1%	215,820	232,078	-7.0%	428,099	443,535	-3.5%
Central Industrial	13,249	11,566	14.6%	345,294	356,296	-3.1%	663,314	679,759	-2.4%
West Central	7,012	6,532	7.3%	166,257	168,603	-1.4%	327,489	328,713	-0.4%
Southeast	21,727	19,941	9.0%	518,219	532,708	-2.7%	1,006,282	1,021,080	-1.4%
South Central	16,925	15,584	8.6%	350,237	355,192	-1.4%	704,271	701,494	0.4%
Rocky Mountain	6,089	6,373	-4.5%	135,035	134,469	0.4%	277,382	274,108	1.2%
Pacific Northwest	2,871	3,093	-7.2%	80,952	80,434	0.6%	152,664	152,368	0.2%
Pacific Southwest	6,675	6,465	3.2%	140,327	140,306	0.0%	285,049	284,002	0.4%
Total United States ^{1/}	<u>86,222</u>	<u>80,249</u>	7.4%	<u>2,014,211</u>	<u>2,065,669</u>	-2.5%	<u>3,967,932</u>	<u>4,011,841</u>	-1.1%
Coal Regions Only ^{2/}	74,057	68,370	8.3%	1,730,862	1,779,346	-2.7%	3,406,837	3,448,689	-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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July 5, 2016

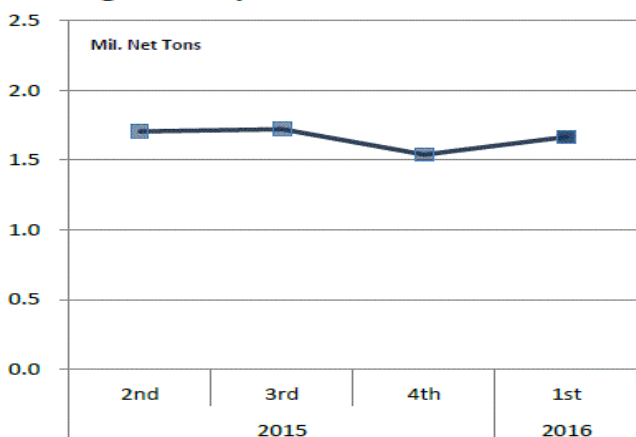
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 July 2</u>	<u>Week Ending June 25</u>	
<u>Week Ending</u>				North East	206	202
				Great Lakes	693	671
July 2, 2016	1,737	-1.1	74.3	Midwest	166	175
July 2, 2015	1,758	-1.2	74.1	Southern	601	623
June 25, 2016	1,757	0.4	75.1	Western	<u>71</u>	<u>86</u>
				Total	1,737	1,757
<u>Year-to-Date +</u>						
July 2, 2016	45,742	-0.7	72.4			
July 2, 2015	46,072	-	72.1			

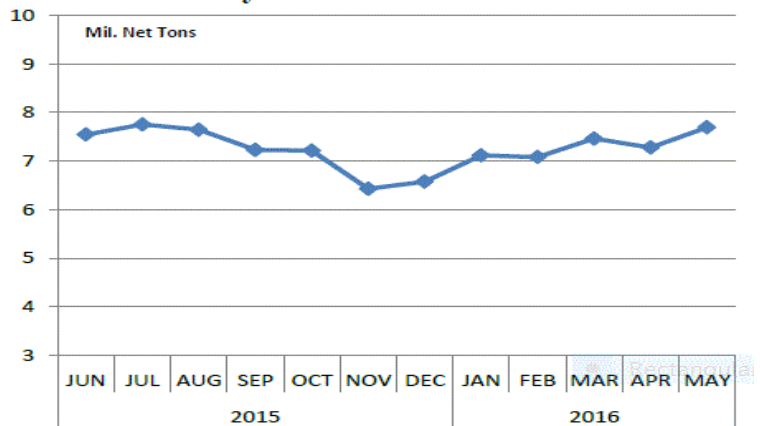
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2016 is approximately 30.4 million net tons vs. 30.7 million net tons for the same period last year, and 30.4 million tons for the first quarter of 2016.

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

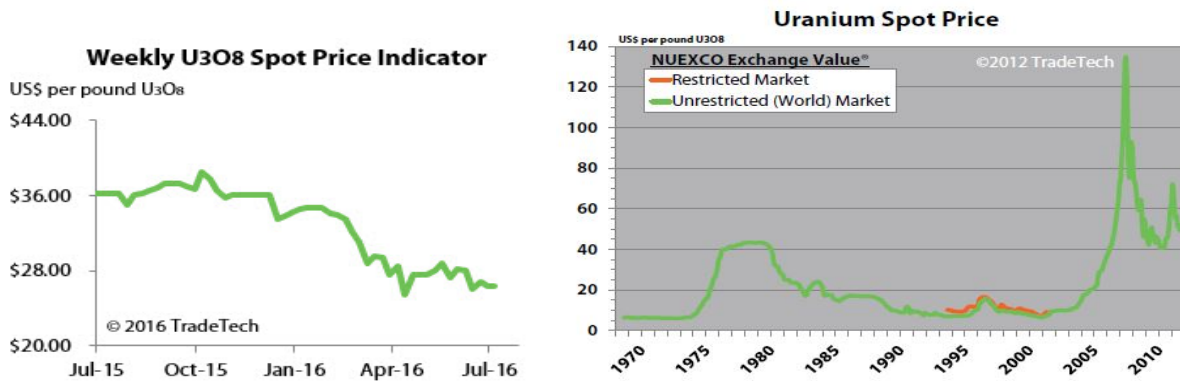


Source: Kitco website - www.kitco.com/connecting.html

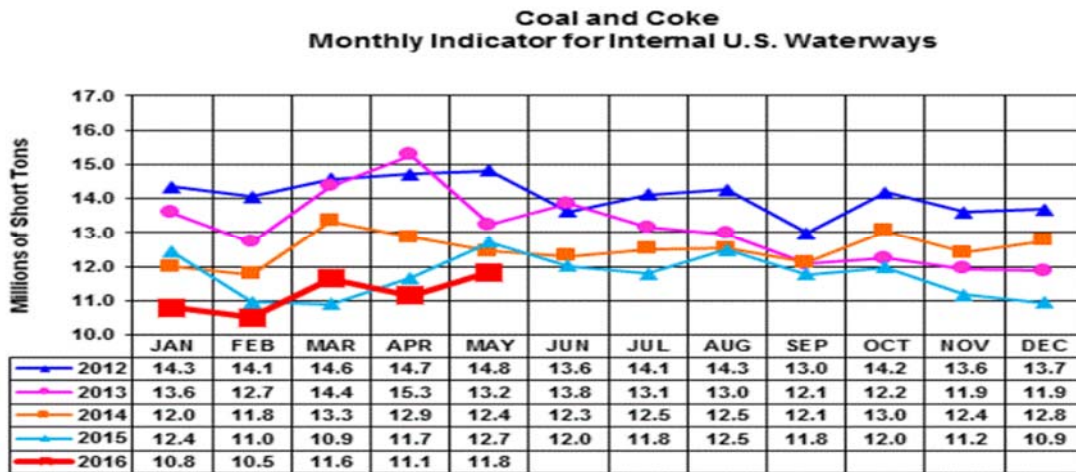


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators

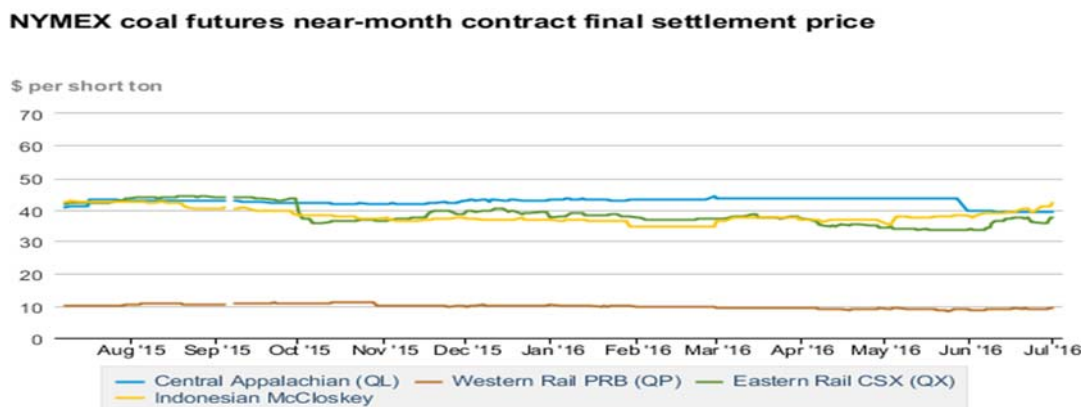


Source: Trade Tech, Uranium Info Website – www.uranium.info



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.

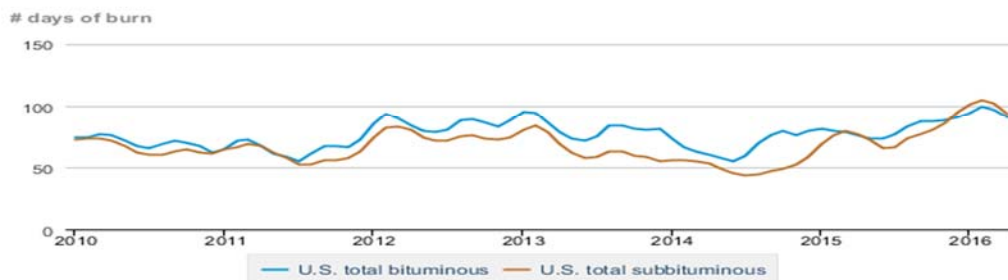
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/03/16	06/10/16	06/17/16	06/24/16	07/01/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	\$40.50	\$40.50	\$41.10	\$0.60
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.10	\$42.10	\$42.10	\$42.10	\$43.35	\$1.25
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$31.70	\$31.70	\$31.70	\$32.00	\$0.30
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.80	\$8.80	\$8.80	\$8.80	\$8.70	-\$0.10
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.50	\$37.50	\$37.50	\$37.50	\$39.40	\$1.90

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

Days of burn by non-lignite coal rank, January 2009 - April 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Jun 23)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	5	-3	-2	18	0	-10
Middle Atlantic	0	-4	0	45	13	-4
E N Central	1	-5	-4	58	20	17
W N Central	0	-7	-3	80	30	21
South Atlantic	0	0	0	85	5	-33
E S Central	0	0	0	95	20	-16
W S Central	0	0	0	128	21	11
Mountain	2	-15	2	87	27	0
Pacific	6	-6	5	48	22	-2
United States	2	-5	0	71	16	-3

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	2016 Year to Date - 1st Quarter	2015 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	226.0	191.0	18%
Cement (Mil. Mt.)	17.0	14.9	14%
Copper (000 Mt.)	355.0	336.0	6%
Gold (Mt.)	49.7	48.2	3%
Gypsum (Mil. Mt.)	4.1	3.4	21%
Iron Ore (Mil. Mt.)	9.0	13.0	-31%
Lead (000 Mt.)	82.6	93.8	-12%
Molybdenum (000 Mt.)	6.4	13.8	-54%
Phosphate rock (Mil. Mt.)	6.1	6.2	-2%
Sand & gravel, construction (Mil. Mt.)	173.0	157.0	10%
Silver (Mt.)	277.0	283.0	-2%
Soda ash (Mil. Mt.)	2.9	2.9	0%
Stone, crushed (Mil. Mt.)	270.0	224.0	21%
Zinc (000 Mt.)	166.0	203.0	-18%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2016 data are preliminary estimates.

Natural gas spot prices (Henry Hub)



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	April 2016		April 2015		% Change of Stocks	March 2016		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	7,641	117	6,061	81	26.1%	7,165	111	6.7%
	Subbituminous	171	184	799	262	-78.6%	171	208	0.0%
South	Bituminous	37,654	89	33,819	76	11.3%	36,811	97	2.3%
	Subbituminous	7,838	86	6,927	79	13.1%	7,951	95	-1.4%
Midwest	Bituminous	18,365	95	14,820	74	23.9%	18,005	100	2.0%
	Subbituminous	46,805	86	38,488	70	21.6%	46,914	94	-0.2%
West	Bituminous	5,587	76	5,341	72	4.6%	4,907	76	13.9%
	Subbituminous	41,393	103	34,743	86	19.1%	42,090	114	-1.7%
U.S. Total	Bituminous	69,247	91	60,041	76	15.3%	66,888	97	3.5%
	Subbituminous	96,207	93	80,957	77	18.8%	97,126	102	-0.9%

Source: Energy Information Administration, *Electricity Monthly Update*

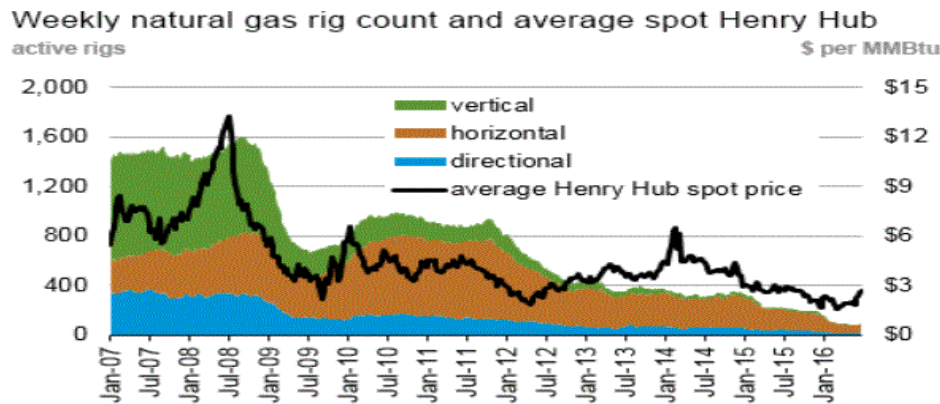
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-06-24	2016-06-17	change
East	632	612	20
Midwest	742	724	18
Mountain	198	194	4
Pacific	315 C	318	-3
South Central	1,253	1,255	-2
Total	3,140 C	3,103	37

C=Reclassification.

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		
	June 2016	July 2016	change	June 2016	July 2016	change
Bakken	832	850	18	1,114	1,148	34
Eagle Ford	1,067	1,097	30	3,183	3,225	42
Haynesville	30	31	1	5,458	5,525	67
Marcellus	68	69	1	11,125	11,185	60
Niobrara	925	947	22	2,854	2,928	74
Permian	493	508	15	868	888	20
Utica	345	356	11	7,288	7,408	120
Rig-weighted average	564	557	(7)	2,899	2,899	0

Source: Energy Information Administration, *Drilling Productivity Report*