
National Mining Association

Weekly Statistical Summary

July 29, 2016 Edition
(Data for Week Ending July 23, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 30
Dated 07/29/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/23/16	07/25/15	% Chng	07/23/16	07/23/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,970	18,209	-17.8%	373,762	507,086	-26.3%
52 Weeks Ended	757,514	951,133	-20.4%			
AAR Coal Rail Cars Loaded:	83,677	103,588	-19.2%	2,073,953	2,923,218	-29.1%
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		
	07/23/16	07/25/15	% Chng	07/23/16	07/25/15	% Chng
EI Electric Total Output (Mil. Kwh)	95,441	90,587	5.4%	2,288,829	2,329,303	-1.7%
EI Coal Region Output (Mil. Kwh)	83,364	78,750	5.9%	1,970,778	2,008,433	-1.9%
AISI Raw Steel Output (000 Tons)	1,703	1,750	-2.7%	50,903	51,323	-0.8%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	07/15/16	07/08/16	% Chng	Wed.	07/20/16
Central App, 12,500 Btu, 1.2 SO ₂	\$41.10	\$41.10	0.0%	Henry Hub	2.72
Northern App, 13,000 Btu, < 3.0 SO ₂	43.35	43.35	0.0%	New York	2.21
Illinois Basin, 11,800, 5.0 SO ₂	32.00	32.00	0.0%	Chicago	2.72
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.70	8.70	0.0%	Cal.Comp.Avg.	2.82
Uinta Basin, 11,700 Btu, 0.8 SO ₂	39.40	39.40	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		
	7/23/2016 (week 30)	7/16/2016 (week 29)	7/25/2015 (week 30)	7/23/2016	7/23/2015	% Change	7/23/2016	7/25/2015	% Change
Alabama	173	164	245	5,115	8,293	-38.3	9,788	15,529	-37.0
Alaska	22	20	20	592	670	-11.7	1,109	1,269	-12.6
Arizona	107	106	135	2,871	4,081	-29.6	5,557	7,762	-28.4
Arkansas	1	1	2	33	54	-39.2	70	104	-32.7
Coloradc	258	264	393	6,316	11,545	-45.3	13,383	22,068	-39.4
Illinois	868	864	1,074	23,763	33,466	-29.0	46,141	59,945	-23.0
Indiana	561	566	700	14,982	20,185	-25.8	29,031	37,438	-22.5
Kansas	4	4	3	81	112	-28.1	167	167	s
Kentucky Total	932	933	1,211	24,374	36,334	-32.9	49,064	69,300	-29.2
Eastern (KY)	401	399	543	10,246	16,742	-38.8	21,291	32,481	-34.5
Western (KY)	532	534	668	14,128	19,592	-27.9	27,773	36,820	-24.6
Louisiana	68	73	94	1,528	1,734	-11.9	3,206	3,647	-12.1
Maryland	38	35	34	856	1,151	-25.6	1,845	2,011	-8.3
Mississippi	58	59	71	1,537	1,816	-15.3	2,845	3,344	-14.9
Missouri	2	2	3	69	90	-23.0	117	247	-52.6
Montana	697	708	891	16,765	23,439	-28.5	34,941	45,088	-22.5
New Mexicc	413	416	430	9,344	10,141	-7.9	18,424	19,126	-3.7
North Dakota	553	562	583	14,450	16,035	-9.9	27,053	28,692	-5.7
Ohio	263	264	336	7,419	10,147	-26.9	14,373	19,151	-24.9
Oklahoma	13	13	14	348	456	-23.7	668	825	-19.0
Pennsylvania Tota	857	877	1,117	21,678	29,132	-25.6	43,504	55,920	-22.2
Anthracite (PA)	45	45	48	1,015	1,136	-10.7	2,009	2,053	-2.1
Bituminous (PA)	812	832	1,069	20,663	27,995	-26.2	41,495	53,867	-23.0
Tennessee	16	16	16	447	485	-7.9	815	894	-8.8
Texas	708	733	839	17,860	17,225	3.7	35,424	37,245	-4.9
Utah	268	272	323	6,781	8,184	-17.1	13,332	15,988	-16.6
Virginia	238	234	259	6,432	8,058	-20.2	12,183	14,486	-15.9
West Virginia Total	1,491	1,456	1,789	39,897	56,186	-29.0	78,681	103,755	-24.2
Northern (WV)	815	801	876	21,225	26,932	-21.2	41,696	48,147	-13.4
Southern (WV)	676	655	914	18,671	29,253	-36.2	36,985	55,608	-33.5
Wyoming	6,361	6,497	7,626	150,222	208,065	-27.8	315,794	387,134	-18.4
Appalachian Tota	3,476	3,446	4,340	92,090	130,194	-29.3	182,479	244,226	-25.3
Interior Total	2,815	2,849	3,469	74,330	94,731	-21.5	145,441	179,782	-19.1
Western Total	8,679	8,845	10,401	207,343	282,161	-26.5	429,594	527,126	-18.5
East of Mississippi River	5,495	5,469	6,853	146,501	205,253	-28.6	288,269	381,772	-24.5
West of Mississippi River	9,475	9,672	11,357	227,262	301,833	-24.7	469,245	569,362	-17.6
Bituminous and Lignite	14,925	15,096	18,161	372,748	505,949	-26.3	755,505	949,081	-20.4
Anthracite	45	45	48	1,015	1,136	-10.7	2,009	2,053	-2.1
U.S. Total	14,970	15,141	18,209	373,762	507,086	-26.3	757,514	951,133	-20.4
Railroad Cars Loaded	83,677	84,272	103,588	2,073,953	2,923,218	-29.1	4,275,573	5,518,313	-22.5

Source: Energy Information Administration

EEI Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 30

OUTPUT FOR WEEK ENDED - Jul 23, 2016

Jul 27, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jul 23, 2016 was 95,441 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 23		52 Weeks Ended July 23	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,938	4.2	123,457	-2.5
Mid-Atlantic	10,539	4.5	429,160	-3.4
Central Industrial	15,603	8.9	666,262	-2.1
West Central	8,302	8.7	328,173	-0.5
Southeast	24,369	4.1	1,008,221	-1.7
South Central	17,944	3.1	706,939	0.3
Rocky Mountain	6,607	12.4	278,910	2.3
Pacific Northwest	2,618	-3.1	152,204	-0.1
Pacific Southwest	6,521	3.2	285,588	1.0
Total United States	95,441	5.4	3,978,913	-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)
Jul 02	86,222	Jul 04	80,249	7.4	Jul 02	3,967,931	-1.1
Jul 09	88,147	Jul 11	85,046	3.6	Jul 09	3,971,032	-1.0
Jul 16	91,030	Jul 18	88,003	3.4	Jul 16	3,974,059	-1.0
Jul 23	95,441	Jul 25	90,587	5.4	Jul 23	3,978,914	-1.0
Jul 23	2,288,829	Jul 25	2,329,303	-1.7	YEAR TO DATE, FIRST 30 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Jul 02	178	Jul 04	194	Jul 05	179
Jul 09	174	Jul 11	209	Jul 12	176
Jul 16	169	Jul 18	209	Jul 19	158
Jul 23	178	Jul 25	216	Jul 26	168

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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EEI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	23-Jul 2016 GWh Output	25-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	23-Jul 2016 GWh Output	25-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	23-Jul 2016 GWh Output	25-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,938	2,819	4.2%	70,334	73,772	-4.7%	123,457	126,597	-2.5%
Mid-Atlantic	10,539	10,082	4.5%	246,182	261,379	-5.8%	429,160	444,052	-3.4%
Central Industrial	15,603	14,329	8.9%	389,332	397,386	-2.0%	666,262	680,605	-2.1%
West Central	8,302	7,638	8.7%	188,946	190,607	-0.9%	328,173	329,799	-0.5%
Southeast	24,369	23,411	4.1%	588,694	601,244	-2.1%	1,008,221	1,025,659	-1.7%
South Central	17,944	17,409	3.1%	403,676	405,962	-0.6%	706,939	704,680	0.3%
Rocky Mountain	6,607	5,881	12.3%	153,948	151,855	1.4%	278,910	272,628	2.3%
Pacific Northwest	2,618	2,702	-3.1%	88,627	88,570	0.1%	152,204	152,317	-0.1%
Pacific Southwest	6,521	6,316	3.2%	159,090	158,530	0.4%	285,588	282,879	1.0%
Total United States ^{1/}	95,441	90,587	5.4%	2,288,829	2,329,305	-1.7%	3,978,914	4,019,216	-1.0%
Coal Regions Only ^{2/}	83,364	78,750	5.9%	1,970,778	2,008,433	-1.9%	3,417,665	3,457,423	-1.1%

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 25, 2016

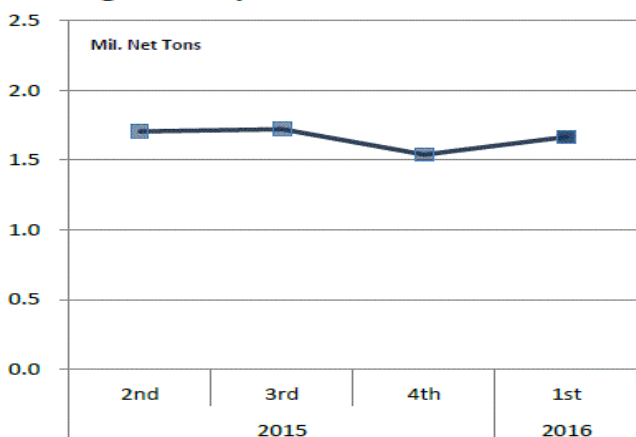
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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</u>		
				<u>July 23</u>	<u>July 16</u>	
<u>Week Ending</u>				North East	189	205
				Great Lakes	663	696
July 23, 2016	1,703	-2.5	72.8	Midwest	161	158
July 23, 2015	1,750	-2.7	73.2	Southern	618	612
July 16, 2016	1,746	2.0	74.7	Western	<u>72</u>	<u>75</u>
				Total	1,703	1,746
<u>Year-to-Date +</u>						
July 23, 2016	50,903	-0.8	72.6			
July 23, 2015	51,323	-	72.3			

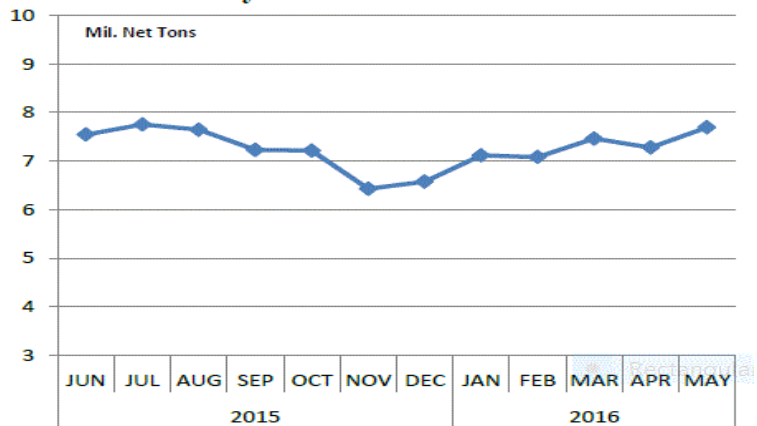
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

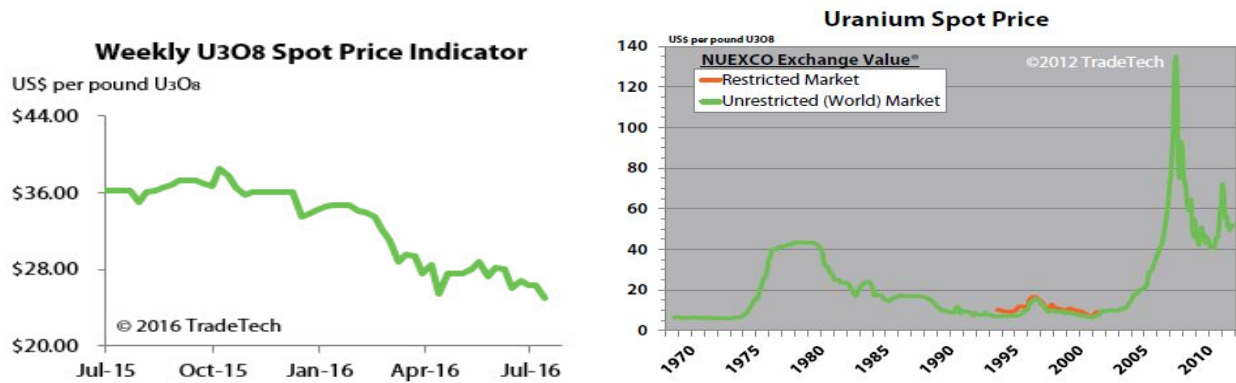


Source: Kitco website - www.kitco.com/connecting.html



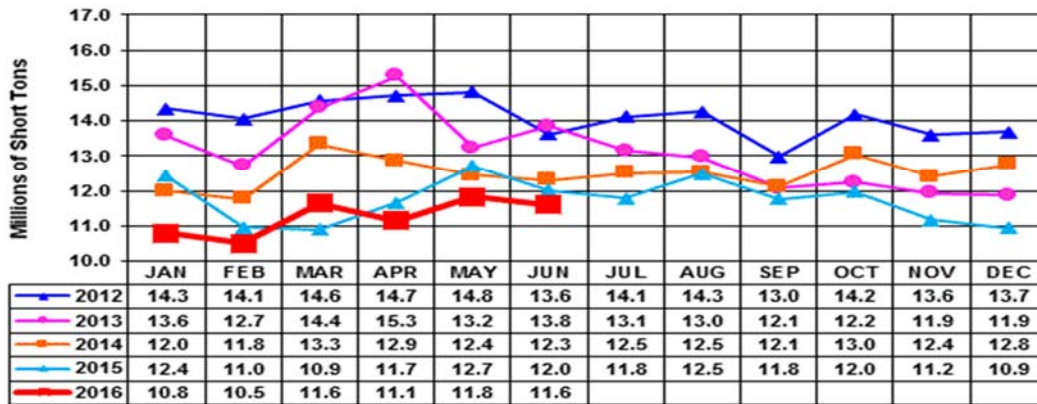
Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



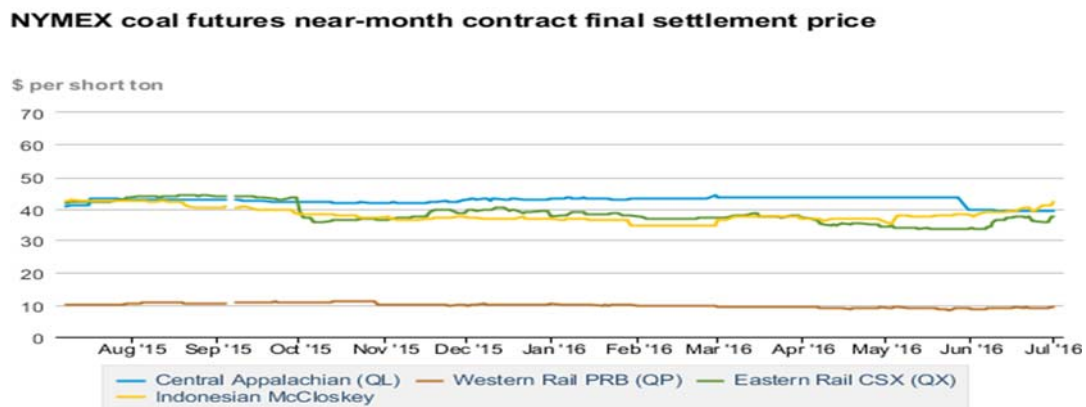
Source: Trade Tech, Uranium Info Website – www.uranium.info

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.

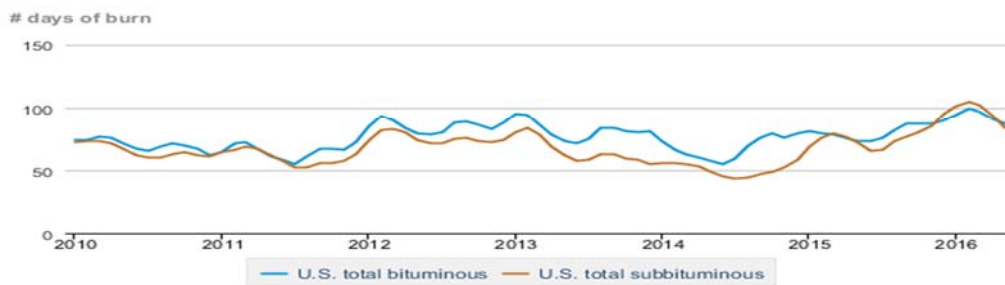
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/17/16	06/24/16	07/01/16	07/08/16	07/15/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	\$41.10	\$41.10	\$41.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.10	\$42.10	\$43.35	\$43.35	\$43.35	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$31.70	\$32.00	\$32.00	\$32.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.80	\$8.80	\$8.70	\$8.70	\$8.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.50	\$37.50	\$39.40	\$39.40	\$39.40	\$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 - May 2016



Source: U.S. Energy Information Administration

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

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	6	5	5	33	-7	-16
Middle Atlantic	0	-1	0	66	11	9
E N Central	0	-1	-4	71	16	30
W N Central	0	-3	-1	71	2	-3
South Atlantic	0	0	0	115	19	7
E S Central	0	0	0	105	12	-5
W S Central	0	0	0	141	19	14
Mountain	3	-3	3	83	6	17
Pacific	3	-1	2	41	1	4
United States	1	-1	0	83	11	9

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	May 2016		May 2015		% Change of Stocks	April 2016		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	7,439	115	6,638	84	12.1%	7,641	117	-2.6%
	Subbituminous	171	184	797	242	-78.5%	171	184	0.0%
South	Bituminous	37,894	84	34,738	72	9.1%	37,654	89	0.6%
	Subbituminous	7,959	82	7,066	75	12.6%	7,838	86	1.5%
Midwest	Bituminous	18,853	92	15,727	73	19.9%	18,365	95	2.7%
	Subbituminous	47,382	80	40,939	65	15.7%	46,805	86	1.2%
West	Bituminous	5,861	76	5,544	70	5.7%	5,587	76	4.9%
	Subbituminous	39,169	90	35,064	80	11.7%	41,393	103	-5.4%
U.S. Total	Bituminous	70,047	87	62,648	73	11.8%	69,247	91	1.2%
	Subbituminous	94,681	84	83,866	72	12.9%	96,207	93	-1.6%

Source: Energy Information Administration, *Electricity Monthly Update*

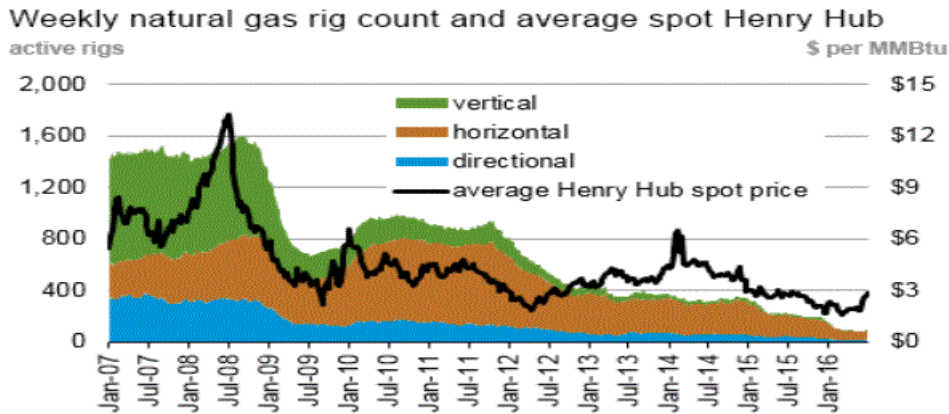
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2016-07-15	2016-07-08	change
East	697	678	19
Midwest	801	785	16
Mountain	210	208	2
Pacific	318	319	-1
South Central	1,251	1,253	-2
Total	3,277	3,243	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		
	July 2016	August 2016	change	July 2016	August 2016	change
Bakken	841	858	17	1,116	1,149	33
Eagle Ford	1,052	1,076	24	3,135	3,193	58
Haynesville	31	31	-	5,505	5,573	68
Marcellus	69	69	-	11,225	11,267	42
Niobrara	940	961	21	2,927	3,004	77
Permian	503	515	12	883	895	12
Utica	358	369	11	7,397	7,513	116
Rig-weighted average	548	558	10	2,884	2,850	(34)

Source: Energy Information Administration, *Drilling Productivity Report*