
National Mining Association

Weekly Statistical Summary

August 12, 2016 Edition
(Data for Week Ending August 6, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 32
Dated 08/12/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/06/16	08/08/15	% Chng	08/06/16	08/06/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,920	18,627	-14.5%	405,805	543,702	-25.4%
52 Weeks Ended	752,824	948,167	-20.6%			
AAR Coal Rail Cars Loaded:	89,310	90,330	-1.1%	2,253,593	3,131,519	-28.0%
Coal Production Month Ended - July	Jul 16/15		% Chng	Jan - Jul 16/15		% Chng
	65,088	76,618	-15.0%	383,902	527,936	-27.3%

DOC Bituminous Coal Trade (000 Tons)

Exports:	June 16/15		% Chng	Jan - June 16/15		% Chng
Metallurgical	3,423	3,952	-13.4%	20,215	26,246	-23.0%
Steam *	1,960	1,796	9.1%	7,863	15,279	-48.5%
Lignite	6	6	0.0%	34	31	9.7%
Anthracite	46	38	21.1%	288	210	37.1%
Total	5,435	5,792	-6.2%	28,400	41,766	-32.0%
Imports:	641	842	-23.9%	4,989	5,649	-11.7%

	Week Ended			Cumulative Jan 1 to		
	08/06/16	08/08/15	% Chng	08/06/16	08/08/15	% Chng
EI Electric Total Output (Mil. Kwh)	92,495	88,711	4.3%	2,477,423	2,511,099	-1.3%
EI Coal Region Output (Mil. Kwh)	80,566	77,009	4.6%	2,134,281	2,166,260	-1.5%
AISI Raw Steel Output (000 Tons)	1,697	1,726	-1.7%	54,281	54,800	-0.9%

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

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	08/05/16	07/29/16	% Chng	Wed.	08/10/16
Central App, 12,500 Btu, 1.2 SO ₂	\$41.10	\$41.10	0.0%	Henry Hub	2.73
Northern App, 13,000 Btu, < 3.0 SO ₂	42.35	43.35	-2.3%	New York	2.44
Illinois Basin, 11,800, 5.0 SO ₂	32.00	32.00	0.0%	Chicago	2.69
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.70	8.70	0.0%	Cal.Comp.Avg.	2.81
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 Etimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	8/6/2016 (week 32)	7/30/2016 (week 31)	8/8/2015 (week 32)	8/6/2016	8/6/2015	% Change	8/6/2016	8/8/2015	% Change
Alabama	172	187	251	5,474	8,786	-37.7	9,652	15,349	-37.1
Alaska	21	25	20	638	710	-10.1	1,116	1,251	-10.8
Arizona	112	110	138	3,093	4,353	-28.9	5,506	7,699	-28.5
Arkansas	2	1	2	36	58	-38.1	69	105	-34.3
Colorado	277	257	402	6,851	12,336	-44.5	13,124	21,839	-39.9
Illinois	908	935	1,098	25,606	35,626	-28.1	45,818	59,804	-23.4
Indiana	595	591	716	16,169	21,593	-25.1	28,804	37,326	-22.8
Kansas	5	4	3	89	119	-24.7	169	173	-2.3
Kentucky Total	981	984	1,239	26,339	38,770	-32.1	48,585	68,656	-29.2
Eastern (KY)	420	421	556	11,086	17,834	-37.8	21,036	32,061	-34.4
Western (KY)	561	563	684	15,253	20,936	-27.1	27,549	36,595	-24.7
Louisiana	77	70	96	1,675	1,923	-12.9	3,164	3,671	-13.8
Maryland	37	46	34	940	1,219	-22.9	1,861	2,000	-7.0
Mississippi	62	59	73	1,658	1,958	-15.3	2,823	3,320	-15.0
Missouri	2	2	3	73	97	-24.3	114	234	-51.3
Montana	744	746	912	18,256	25,231	-27.6	34,634	45,039	-23.1
New Mexico	437	447	440	10,229	11,005	-7.1	18,441	19,138	-3.6
North Dakota	591	595	597	15,636	17,208	-9.1	27,063	28,795	-6.0
Ohio	278	281	344	7,978	10,822	-26.3	14,254	18,984	-24.9
Oklahoma	13	14	15	376	485	-22.5	667	821	-18.8
Pennsylvania Total	922	902	1,143	23,502	31,378	-25.1	43,075	55,793	-22.8
Anthracite (PA)	48	50	50	1,112	1,234	-9.9	2,008	2,069	-2.9
Bituminous (PA)	875	852	1,093	22,390	30,144	-25.7	41,066	53,724	-23.6
Tennessee	16	18	16	482	517	-6.9	817	892	-8.4
Texas	770	785	858	19,416	18,911	2.7	35,288	37,061	-4.8
Utah	286	286	330	7,353	8,833	-16.8	13,252	15,941	-16.9
Virginia	246	260	265	6,938	8,580	-19.1	12,166	14,430	-15.7
West Virginia Total	1,531	1,644	1,830	43,071	59,784	-28.0	78,245	102,963	-24.0
Northern (WV)	842	917	896	22,985	28,693	-19.9	41,689	48,053	-13.2
Southern (WV)	689	726	935	20,086	31,091	-35.4	36,557	54,910	-33.4
Wyoming	6,832	6,874	7,801	163,928	223,400	-26.6	314,116	386,882	-18.8
Appalachian Total	3,623	3,758	4,439	99,471	138,920	-28.4	181,106	242,472	-25.3
Interior Total	2,996	3,025	3,548	80,351	101,706	-21.0	144,465	179,111	-19.3
Western Total	9,301	9,340	10,640	225,984	303,076	-25.4	427,253	526,584	-18.9
East of Mississippi River	5,750	5,906	7,010	158,156	219,033	-27.8	286,101	379,518	-24.6
West of Mississippi River	10,170	10,217	11,617	247,649	324,669	-23.7	466,723	568,650	-17.9
Bituminous and Lignite	15,872	16,074	18,578	404,694	542,468	-25.4	750,815	946,099	-20.6
Anthracite	48	50	50	1,112	1,234	-9.9	2,008	2,069	-2.9
U.S. Total	15,920	16,123	18,627	405,805	543,702	-25.4	752,824	948,167	-20.6
Railroad Cars Loaded	89,310	90,330	105,965	2,253,593	3,131,519	-28.0	4,246,249	5,496,295	-22.7

Source: Energy Information Administration

Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 32

OUTPUT FOR WEEK ENDED - Aug 06, 2016

Aug 10, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Aug 06, 2016 was 92,495 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 August 06		52 Weeks Ended August 06	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,666	-1.6	123,521	-2.7
Mid-Atlantic	9,673	0.8	429,608	-3.7
Central Industrial	15,556	10.9	668,104	-2.2
West Central	7,620	6.6	328,601	-0.7
Southeast	23,329	5.0	1,010,664	-1.8
South Central	18,096	2.7	706,862	-0.1
Rocky Mountain	6,292	-1.7	279,502	2.3
Pacific Northwest	2,687	-1.4	152,234	0.0
Pacific Southwest	6,576	5.0	286,616	1.5
Total United States	92,495	4.3	3,985,712	-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)
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 30	96,099	Aug 01	93,085	3.2	Jul 30	3,981,928	-1.1
Aug 06	92,495	Aug 08	88,711	4.3	Aug 06	3,985,712	-1.1
Aug 06	2,477,423	Aug 08	2,511,099	-1.3	YEAR TO DATE, FIRST 32 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
Jul 16	169	Jul 18	209	Jul 19	158
Jul 23	178	Jul 25	216	Jul 26	168
Jul 30	176	Aug 01	216	Aug 02	161
Aug 06	172	Aug 08	210	Aug 09	165

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	6-Aug 2016 GWh Output	8-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015	6-Aug 2016 GWh Output	8-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015	6-Aug 2016 GWh Output	8-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,666	2,710	-1.6%	76,069	79,443	-4.2%	123,521	126,997	-2.7%
Mid-Atlantic	9,673	9,592	0.8%	266,735	281,485	-5.2%	429,608	445,973	-3.7%
Central Industrial	15,556	14,023	10.9%	420,265	426,477	-1.5%	668,104	683,062	-2.2%
West Central	7,620	7,150	6.6%	204,322	205,555	-0.6%	328,601	330,901	-0.7%
Southeast	23,329	22,218	5.0%	636,826	646,932	-1.6%	1,010,664	1,028,742	-1.8%
South Central	18,096	17,626	2.7%	438,852	441,215	-0.5%	706,862	707,760	-0.1%
Rocky Mountain	6,292	6,400	-1.7%	167,281	164,596	1.6%	279,502	273,199	2.3%
Pacific Northwest	2,687	2,727	-1.5%	94,181	94,095	0.1%	152,234	152,172	0.0%
Pacific Southwest	6,576	6,265	5.0%	172,892	171,303	0.9%	286,616	282,517	1.5%
Total United States ^{1/}	<u>92,495</u>	<u>88,711</u>	4.3%	<u>2,477,423</u>	<u>2,511,101</u>	-1.3%	<u>3,985,712</u>	<u>4,031,323</u>	-1.1%
Coal Regions Only ^{2/}	80,566	77,009	4.6%	2,134,281	2,166,260	-1.5%	3,423,341	3,469,637	-1.3%

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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August 8, 2016

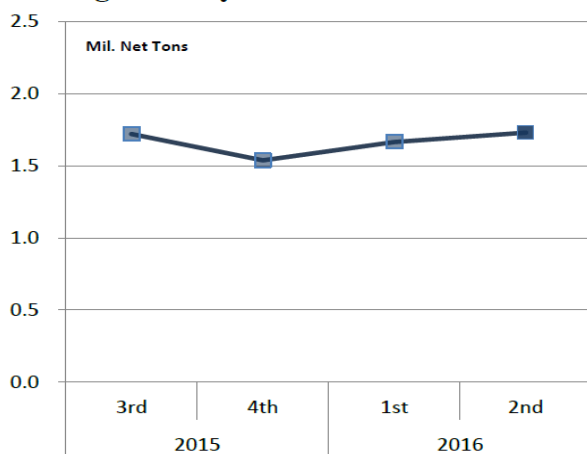
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Aug. 6</u>	<u>July 30</u>	
<u>Week Ending</u>				North East	195	188
				Great Lakes	663	656
August 6, 2016	1,697	1.0	72.6	Midwest	165	164
August 6, 2015	1,726	-1.7	72.2	Southern	603	600
July 30, 2016	1,681	-1.3	71.9	Western	<u>71</u>	<u>73</u>
				Total	1,697	1,681
<u>Year-to-Date +</u>						
August 6, 2016	54,281	-0.9	72.5			
August 6, 2015	54,800	-	72.3			

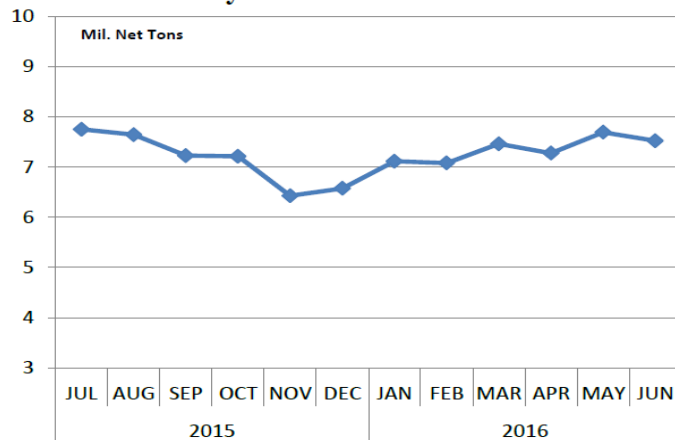
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 third quarter 2016 is approximately 30.7 million net tons vs. 31.4 million net tons for the same period last year, and 30.4 million tons for the second quarter of 2016.

Average Weekly Raw Steel Production



Monthly Raw Steel Production



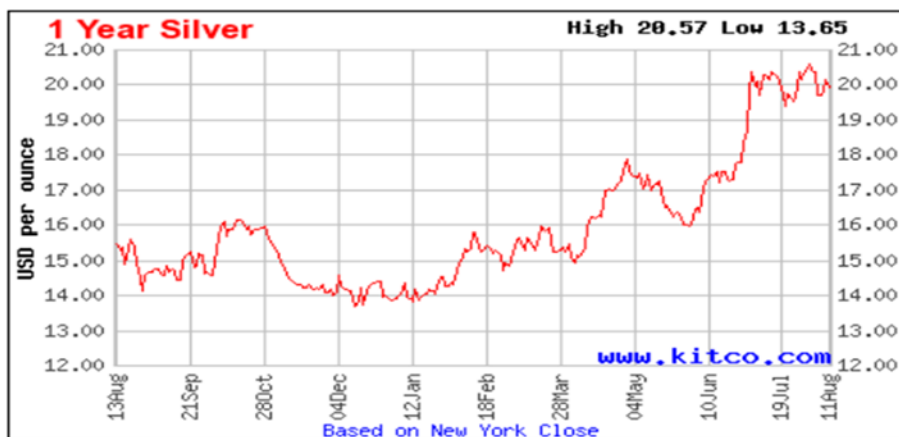
*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.



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

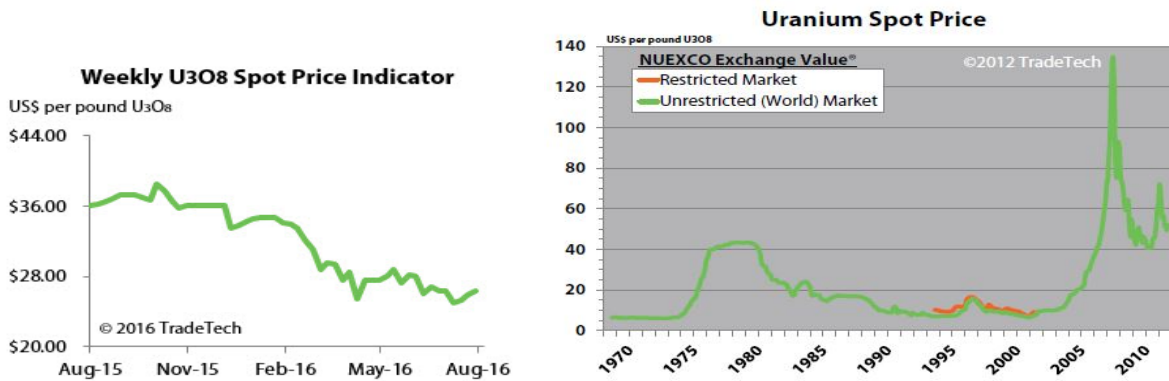


Source: Kitco website - www.kitco.com/connecting.html

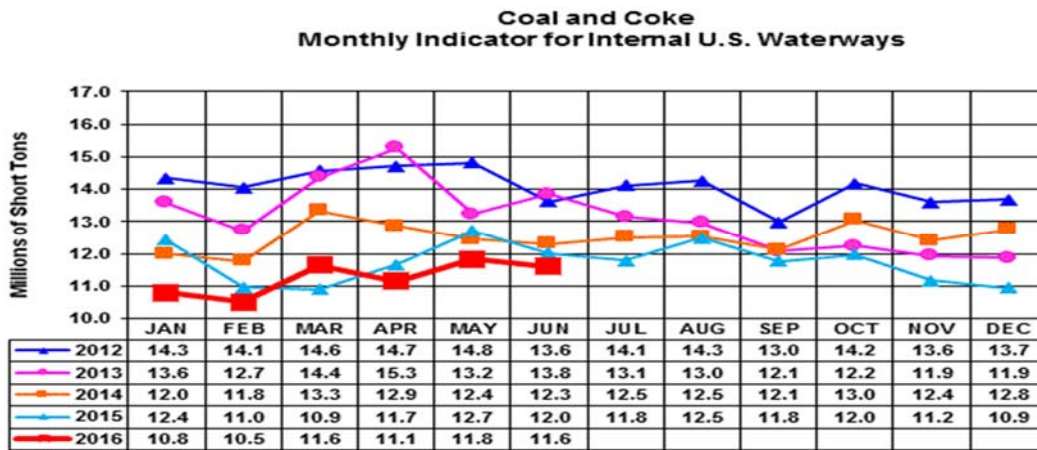


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators

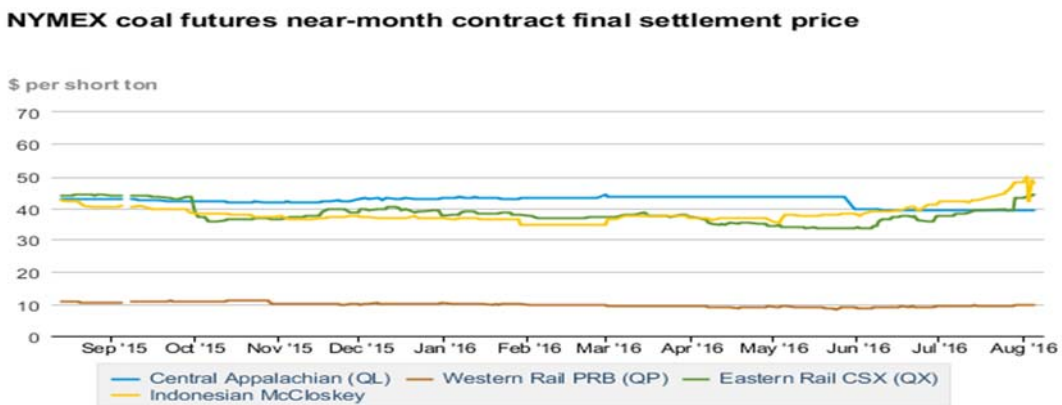


Source: Trade Tech, Uranium Info Website – www.uranium.info



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.

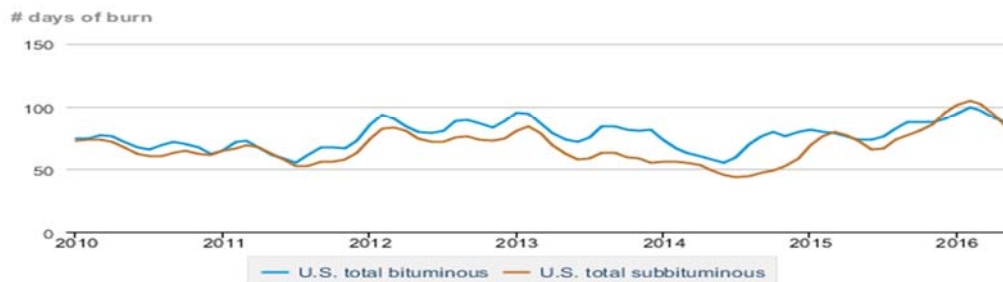
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	07/01/16	07/08/16	07/15/16	07/29/16	08/05/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$41.10	\$41.10	\$41.10	\$41.10	\$41.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$43.35	\$43.35	\$43.35	\$43.35	\$42.35	-\$1.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.00	\$32.00	\$32.00	\$32.00	\$32.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.70	\$8.70	\$8.70	\$8.70	\$8.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$39.40	\$39.40	\$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	Temperature -- heating & cooling degree days (week ending Jul 28)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-2	0	54	10	-6
Middle Atlantic	0	-3	0	64	5	-4
E N Central	0	-4	-1	71	15	20
W N Central	0	-2	-1	71	1	9
South Atlantic	0	0	0	114	17	7
E S Central	0	0	0	108	14	8
W S Central	0	0	0	139	13	4
Mountain	0	-2	0	91	14	8
Pacific	0	-2	0	72	25	2
United States	0	-2	0	88	14	6

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)



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	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*

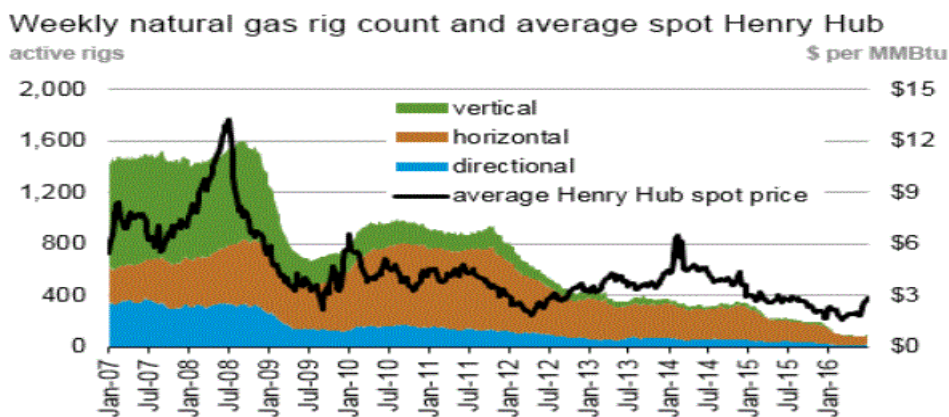
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2016-08-05	2016-07-29	change
East	746	729	17
Midwest	845	825	20
Mountain	215	213	2
Pacific	314	314	0
South Central	1,197	1,207	-10
Total	3,317	3,288	29

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*