
National Mining Association

Weekly Statistical Summary

August 05, 2016 Edition
(Data for Week Ending July 30, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 31
Dated 08/05/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/30/16	08/01/15	% Chng	07/30/16	07/30/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	16,123	18,106	-11.0%	389,886	525,220	-25.8%
52 Weeks Ended	755,531	949,151	-20.4%			
AAR Coal Rail Cars Loaded:	90,330	102,999	-12.3%	2,164,283	3,026,383	-28.5%
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		
	07/30/16	08/01/15	% Chng	07/30/16	08/01/15	% Chng
EI Electric Total Output (Mil. Kwh)	96,099	93,085	3.2%	2,384,928	2,422,388	-1.5%
EI Coal Region Output (Mil. Kwh)	82,937	80,818	2.6%	2,053,715	2,089,251	-1.7%
AISI Raw Steel Output (000 Tons)	1,681	1,750	-3.9%	52,584	53,074	-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)	
	07/27/16	07/15/16	% Chng	Wed.	07/27/16
Central App, 12,500 Btu, 1.2 SO ₂	\$41.10	\$41.10	0.0%	Henry Hub	2.80
Northern App, 13,000 Btu, < 3.0 SO ₂	43.35	43.35	0.0%	New York	2.39
Illinois Basin, 11,800, 5.0 SO ₂	32.00	32.00	0.0%	Chicago	2.75
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.70	8.70	0.0%	Cal.Comp.Avg.	3.05
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



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National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	7/30/2016 (week 31)	7/23/2016 (week 30)	8/1/2015 (week 31)	7/30/2016	7/30/2015	% Change	7/30/2016	8/1/2015	% Change
Alabama	187	173	244	5,302	8,537	-37.9	9,731	15,432	-36.9
Alaska	25	22	19	617	690	-10.6	1,115	1,259	-11.4
Arizona	110	107	134	2,982	4,216	-29.3	5,533	7,726	-28.4
Arkansas	1	1	2	34	56	-38.7	69	104	-33.7
Colorado	257	258	391	6,574	11,937	-44.9	13,249	21,942	-39.6
Illinois	935	868	1,068	24,698	34,536	-28.5	46,009	59,845	-23.1
Indiana	591	561	696	15,573	20,882	-25.4	28,925	37,363	-22.6
Kansas	4	4	3	85	116	-26.5	168	170	-1.2
Kentucky Total	984	932	1,204	25,358	37,541	-32.5	48,843	68,942	-29.2
Eastern (KY)	421	401	540	10,666	17,283	-38.3	21,171	32,254	-34.4
Western (KY)	563	532	664	14,691	20,258	-27.5	27,672	36,688	-24.6
Louisiana	70	68	94	1,598	1,828	-12.6	3,183	3,657	-13.0
Maryland	46	38	34	902	1,184	-23.8	1,858	2,005	-7.3
Mississippi	59	58	71	1,596	1,886	-15.4	2,833	3,330	-14.9
Missouri	2	2	3	71	93	-23.9	115	240	-52.1
Montana	746	697	886	17,511	24,326	-28.0	34,801	45,040	-22.7
New Mexico	447	413	428	9,791	10,569	-7.4	18,444	19,121	-3.5
North Dakota	595	553	580	15,045	16,616	-9.5	27,069	28,728	-5.8
Ohio	281	263	334	7,700	10,481	-26.5	14,320	19,057	-24.9
Oklahoma	14	13	14	363	471	-23.0	668	823	-18.8
Pennsylvania Total	902	857	1,111	22,580	30,244	-25.3	43,295	55,826	-22.4
Anthracite (PA)	50	45	48	1,064	1,185	-10.2	2,010	2,060	-2.4
Bituminous (PA)	852	812	1,062	21,515	29,059	-26.0	41,285	53,766	-23.2
Tennessee	18	16	16	465	501	-7.2	817	893	-8.5
Texas	785	708	834	18,645	18,060	3.2	35,376	37,130	-4.7
Utah	286	268	321	7,067	8,505	-16.9	13,297	15,956	-16.7
Virginia	260	238	258	6,692	8,317	-19.5	12,185	14,451	-15.7
West Virginia Total	1,644	1,491	1,779	41,540	57,968	-28.3	78,545	103,307	-24.0
Northern (WV)	917	815	871	22,142	27,804	-20.4	41,742	48,076	-13.2
Southern (WV)	726	676	909	19,398	30,163	-35.7	36,803	55,231	-33.4
Wyoming	6,874	6,361	7,583	157,096	215,660	-27.2	315,085	386,805	-18.5
Appalachian Total	3,758	3,476	4,315	95,848	134,515	-28.7	181,922	243,224	-25.2
Interior Total	3,025	2,815	3,449	77,355	98,186	-21.2	145,017	179,351	-19.1
Western Total	9,340	8,679	10,342	216,683	292,519	-25.9	428,592	526,577	-18.6
East of Mississippi River	5,906	5,495	6,814	152,407	212,077	-28.1	287,361	380,450	-24.5
West of Mississippi River	10,217	9,475	11,292	237,479	313,143	-24.2	468,171	568,701	-17.7
Bituminous and Lignite	16,074	14,925	18,058	388,822	524,036	-25.8	753,521	947,091	-20.4
Anthracite	50	45	48	1,064	1,185	-10.2	2,010	2,060	-2.4
U.S. Total	16,123	14,970	18,106	389,886	525,220	-25.8	755,531	949,151	-20.4
Railroad Cars Loaded	90,330	83,677	102,999	2,164,283	3,026,383	-28.5	4,262,904	5,504,431	-22.6

Source: Energy Information Administration

 Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 31

OUTPUT FOR WEEK ENDED - Jul 30, 2016

Aug 03, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jul 30, 2016** was **96,099** 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 July 30		52 Weeks Ended July 30	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	3,069	3.7	123,566	-2.6
Mid-Atlantic	10,880	3.5	429,526	-3.6
Central Industrial	15,377	2.0	666,571	-2.4
West Central	7,756	-0.5	328,131	-0.8
Southeast	24,803	5.7	1,009,554	-1.8
South Central	17,080	-3.1	706,392	0.0
Rocky Mountain	7,041	11.0	279,610	2.5
Pacific Northwest	2,867	2.5	152,273	0.0
Pacific Southwest	7,226	11.0	286,305	1.3
Total United States	96,099	3.2	3,981,928	-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 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 30	96,099	Aug 01	93,085	3.2	Jul 30	3,981,928	-1.1
Jul 30	2,384,928	Aug 01	2,422,388	-1.5	YEAR TO DATE, FIRST 31 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2016	Week Ended	2015	Week Ended	2014
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
Jul 30	176	Aug 01	216	Aug 02	161

* 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		
	30-Jul 2016 GWh Output	1-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015	30-Jul 2016 GWh Output	1-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015	30-Jul 2016 GWh Output	1-Aug 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	3,069	2,961	3.6%	73,403	76,733	-4.3%	123,566	126,929	-2.6%
Mid-Atlantic	10,880	10,514	3.5%	257,062	271,893	-5.5%	429,526	445,642	-3.6%
Central Industrial	15,377	15,068	2.1%	404,709	412,454	-1.9%	666,571	682,784	-2.4%
West Central	7,756	7,798	-0.5%	196,702	198,405	-0.9%	328,131	330,726	-0.8%
Southeast	24,803	23,470	5.7%	613,497	624,714	-1.8%	1,009,554	1,027,921	-1.8%
South Central	17,080	17,627	-3.1%	420,756	423,589	-0.7%	706,392	706,683	0.0%
Rocky Mountain	7,041	6,341	11.0%	160,989	158,196	1.8%	279,610	272,668	2.5%
Pacific Northwest	2,867	2,798	2.5%	91,494	91,368	0.1%	152,273	152,232	0.0%
Pacific Southwest	7,226	6,508	11.0%	166,316	165,038	0.8%	286,305	282,518	1.3%
Total United States ^{1/}	<u>96,099</u>	<u>93,085</u>	3.2%	<u>2,384,928</u>	<u>2,422,390</u>	-1.5%	<u>3,981,928</u>	<u>4,028,103</u>	-1.1%
Coal Regions Only ^{2/}	82,937	80,818	2.6%	2,053,715	2,089,251	-1.7%	3,419,784	3,466,424	-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 1, 2016

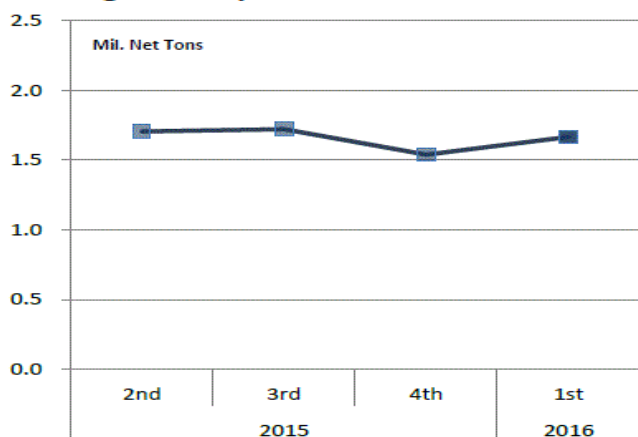
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 30</u>	<u>Week Ending July 23</u>	
<u>Week Ending</u>				North East	188	189
				Great Lakes	656	663
July 30, 2016	1,681	-1.3	71.9	Midwest	164	161
July 30, 2015	1,750	-3.9	73.2	Southern	600	618
July 23, 2016	1,703	-2.5	72.8	Western	<u>73</u>	<u>72</u>
				Total	1,681	1,703
<u>Year-to-Date +</u>						
July 30, 2016	52,584	-0.9	72.5			
July 30, 2015	53,074	-	72.3			

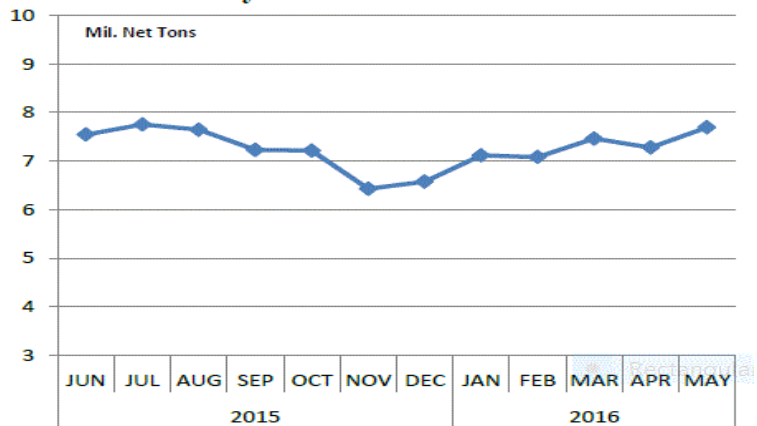
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

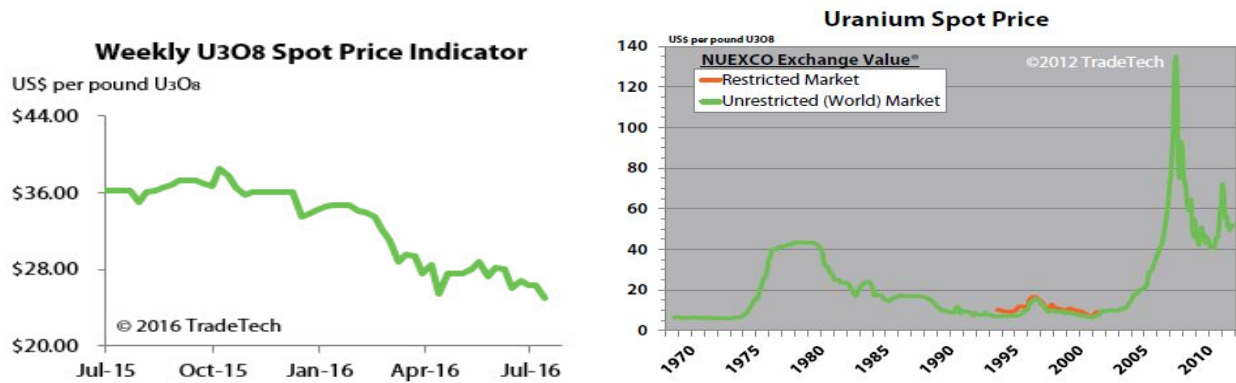


Source: Kitco website - www.kitco.com/connecting.html

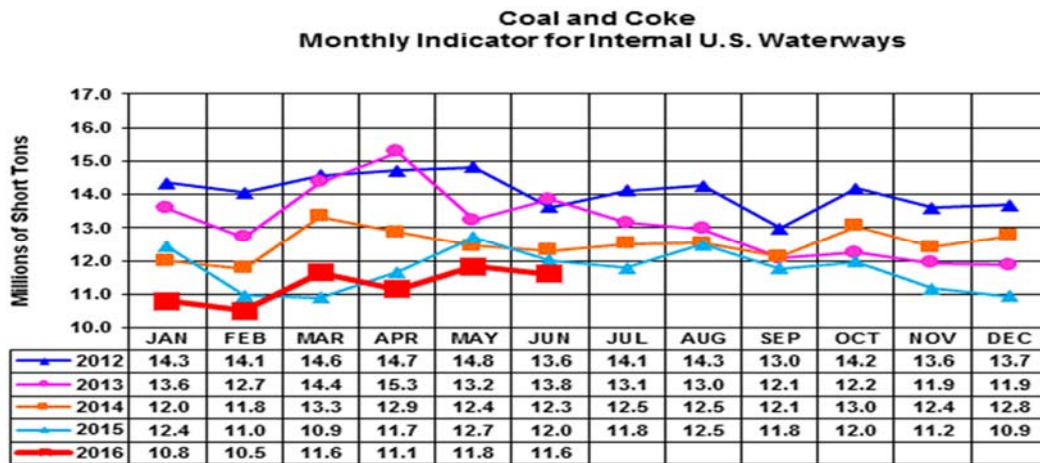


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



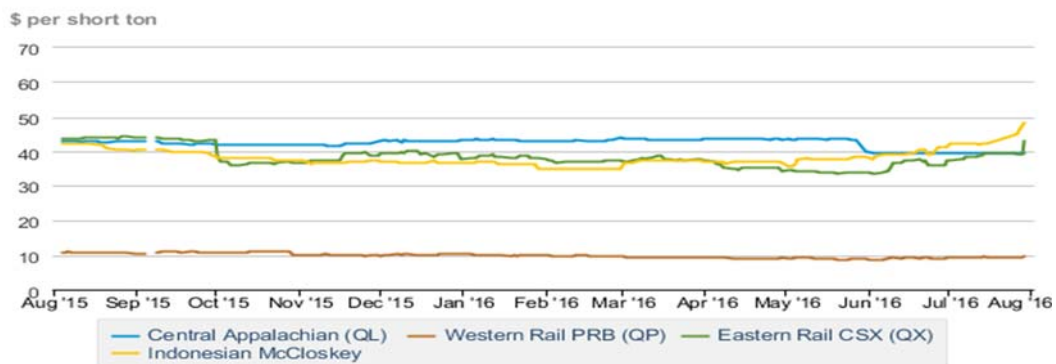
Source: Trade Tech, Uranium Info Website – www.uranium.info



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.

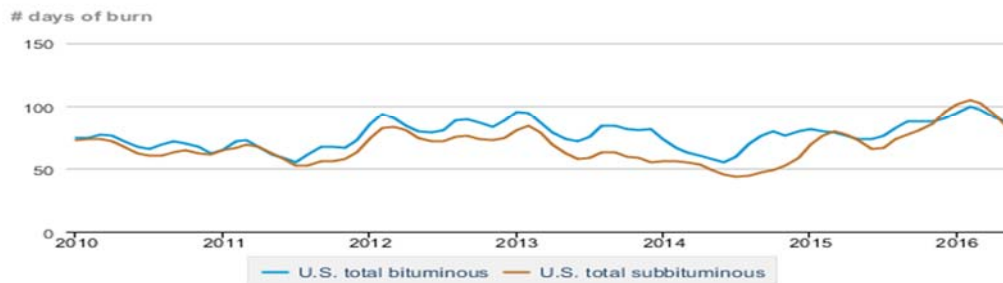
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/24/16	07/01/16	07/08/16	07/15/16	07/29/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$41.10	\$41.10	\$41.10	\$41.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.10	\$43.35	\$43.35	\$43.35	\$43.35	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$32.00	\$32.00	\$32.00	\$32.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.80	\$8.70	\$8.70	\$8.70	\$8.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.50	\$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*

Temperature -- heating & cooling degree days (week ending Jul 21)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	1	-1	0	67	24	14
Middle Atlantic	0	-1	-1	76	18	6
E N Central	1	-1	0	61	4	5
W N Central	1	-2	0	81	9	7
South Atlantic	0	0	0	112	15	0
E S Central	0	0	0	111	16	-4
W S Central	0	0	0	138	13	0
Mountain	0	-4	0	97	18	29
Pacific	1	-2	1	53	9	0
United States	1	-1	0	87	13	5

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

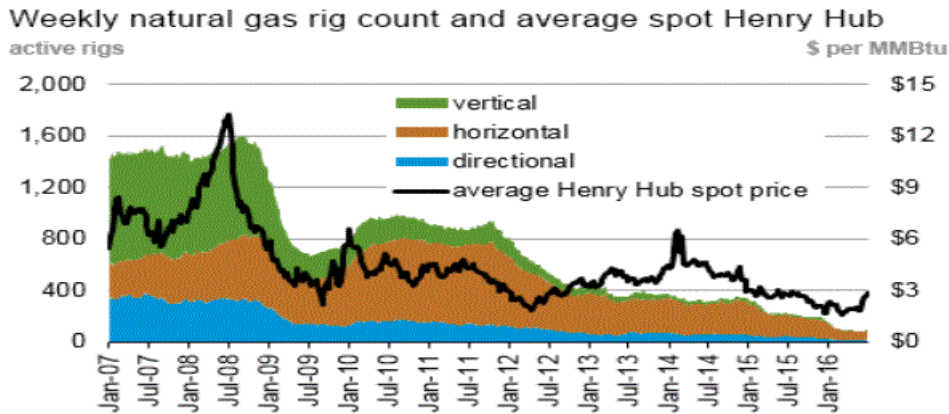
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2016-07-22	2016-07-15	change
East	715	697	18
Midwest	815	801	14
Mountain	213	210	3
Pacific	318	318	0
South Central	1,233	1,251	-18
Total	3,294	3,277	17

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Natural Gas Weekly Update*

EIA Natural Gas Rig Count and Price Trend



eia 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*