
National Mining Association

Weekly Statistical Summary

July 1, 2016 Edition
(Data for Week Ending June 25, 2016)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 54, No. 26
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/25/16	06/27/15	% Chng	06/25/16	06/25/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,687	15,533	-11.9%	316,625	441,002	-28.2%
52 Weeks Ended	767,210	958,931	-20.0%			
AAR Coal Rail Cars Loaded:	77,514	90,654	-14.5%	1,753,652	2,545,037	-31.1%
Coal Production Month Ended - May	May 16/15		% Chng	Jan - May 16/15		% Chng
	50,612	69,942	-27.6%	261,786	384,834	-32.0%

DOC Bituminous Coal Trade (000 Tons)

Exports:	Apr 16/15		% Chng	Jan - Apr 16/15		% Chng
Metallurgical	3,363	4,227	-20.4%	13,516	17,743	-23.8%
Steam (bit.) *	1,205	2,908	-58.6%	4,975	11,278	-55.9%
Lignite	7	5	40.0%	23	20	15.0%
Anthracite	12	79	-84.8%	238	168	41.7%
Total	4,587	7,219	-36.5%	18,752	29,209	-35.8%
Imports:	1,186	850	39.5%	2,698	3,009	-10.3%

	Week Ended			Cumulative Jan 1 to		
	06/25/16	06/27/15	% Chng	06/25/16	06/27/15	% Chng
EI Electric Total Output (Mil. Kwh)	88,590	87,121	1.7%	1,927,988	1,985,418	-2.9%
EI Coal Region Output (Mil. Kwh)	77,014	75,606	1.9%	1,656,805	1,710,976	-3.2%
AISI Raw Steel Output (000 Tons)	1,757	1,760	-0.2%	44,005	44,315	-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)	
	06/24/16	06/17/16	% Chng	Wed.	06/22/16
Central App, 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	0.0%	Henry Hub	2.78
Northern App, 13,000 Btu, < 3.0 SO ₂	42.10	42.10	0.0%	New York	2.01
Illinois Basin, 11,800, 5.0 SO ₂	31.70	31.70	0.0%	Chicago	2.73
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.80	8.80	0.0%	Cal.Comp.Avg.	2.84
Uinta Basin, 11,700 Btu, 0.8 SO ₂	37.50	37.50	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		
	6/25/2016 (week 26)	6/18/2016 (week 25)	6/27/2015 (week 26)	6/25/2016	6/25/2015	% Change	6/25/2016	6/27/2015	% Change
Alabama	176	183	258	4,446	7,371	-39.7	10,037	15,866	-36.7
Alaska	22	18	25	509	594	-14.2	1,102	1,303	-15.4
Arizona	109	99	141	2,464	3,573	-31.1	5,655	7,884	-28.3
Arkansas	1	1	2	27	47	-41.6	71	102	-30.4
Colorado	266	250	374	5,326	10,093	-47.2	13,851	22,535	-38.5
Illinois	829	828	984	20,421	29,525	-30.8	46,766	60,301	-22.4
Indiana	541	518	631	12,835	17,621	-27.2	29,466	37,724	-21.9
Kansas	3	4	4	65	100	-34.6	164	157	4.5
Kentucky Total	918	862	1,160	20,803	31,832	-34.6	49,990	70,603	-29.2
Eastern (KY)	403	373	543	8,709	14,697	-40.7	21,781	33,300	-34.6
Western (KY)	515	489	618	12,094	17,136	-29.4	28,209	37,303	-24.4
Louisiana	52	59	50	1,271	1,412	-10.0	3,284	3,611	-9.1
Maryland	34	30	36	712	1,024	-30.5	1,827	2,033	-10.1
Mississippi	55	53	60	1,318	1,559	-15.5	2,886	3,396	-15.0
Missouri	2	2	3	62	78	-20.5	121	271	-55.4
Montana	627	622	720	14,112	20,232	-30.2	35,543	45,294	-21.5
New Mexico	358	348	364	7,790	8,582	-9.2	18,447	19,166	-3.8
North Dakota	498	488	503	12,344	13,915	-11.3	27,090	28,569	-5.2
Ohio	251	243	293	6,409	8,922	-28.2	14,599	19,523	-25.2
Oklahoma	13	12	15	298	402	-25.9	672	835	-19.5
Pennsylvania Total	779	778	881	18,413	25,125	-26.7	44,312	56,339	-21.3
Anthracite (PA)	40	38	38	844	963	-12.3	2,015	2,028	-0.6
Bituminous (PA)	740	740	844	17,569	24,162	-27.3	42,296	54,311	-22.1
Tennessee	15	14	17	386	421	-8.4	809	894	-9.5
Texas	526	585	492	15,197	14,330	6.1	35,754	37,754	-5.3
Utah	239	237	264	5,765	7,020	-17.9	13,496	16,123	-16.3
Virginia	232	214	262	5,519	7,067	-21.9	12,236	14,591	-16.1
West Virginia Total	1,412	1,393	1,730	34,174	49,606	-31.1	79,606	105,469	-24.5
Northern (WV)	753	715	811	18,102	23,712	-23.7	41,811	48,417	-13.6
Southern (WV)	659	678	919	16,072	25,895	-37.9	37,795	57,053	-33.8
Wyoming	5,728	5,509	6,262	125,957	180,551	-30.2	319,425	388,586	-17.8
Appalachian Total	3,303	3,229	4,021	78,768	114,233	-31.0	185,208	248,016	-25.3
Interior Total	2,537	2,550	2,859	63,589	82,209	-22.6	147,393	181,453	-18.8
Western Total	7,847	7,571	8,653	174,268	244,560	-28.7	434,609	529,461	-17.9
East of Mississippi River	5,242	5,117	6,313	125,436	180,072	-30.3	292,535	386,740	-24.4
West of Mississippi River	8,445	8,234	9,220	191,190	260,929	-26.7	474,675	572,190	-17.0
Bituminous and Lignite	13,647	13,313	15,495	315,781	440,039	-28.2	765,195	956,902	-20.0
Anthracite	40	38	38	844	963	-12.3	2,015	2,028	-0.6
U.S. Total	13,687	13,351	15,533	316,625	441,002	-28.2	767,210	958,931	-20.0
Railroad Cars Loaded	77,514	75,606	90,654	1,753,652	2,545,037	-31.1	4,337,077	5,573,873	-22.2

Source: Energy Information Administration

Prepared by EEI's Business Information Group

WEEKLY ELECTRIC OUTPUT

Volume 84 No. 26

OUTPUT FOR WEEK ENDED - Jun 25, 2016

Jun 29, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 25, 2016 was 88,590 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 June 25		52 Weeks Ended June 25	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,480	-2.1	123,083	-3.3
Mid-Atlantic	9,196	-3.2	427,418	-3.9
Central Industrial	14,796	9.0	661,631	-2.9
West Central	7,674	7.6	327,009	-0.6
Southeast	21,988	-3.7	1,004,496	-1.7
South Central	16,906	4.8	702,931	0.2
Rocky Mountain	6,454	0.4	277,666	1.4
Pacific Northwest	2,574	-7.4	152,886	0.5
Pacific Southwest	6,522	5.2	284,839	0.3
Total United States	88,590	1.7	3,961,958	-1.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2016	Week Ended	2015	% Inc. (16/15)	52 Weeks Ended	2016	% Inc. (16/15)
Jun 04	78,248	Jun 06	74,764	4.7	Jun 04	3,963,324	-1.0
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
Jun 25	1,927,988	Jun 27	1,985,418	-2.9	YEAR TO DATE, FIRST 26 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
Jun 04	171	Jun 06	179	Jun 07	177
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

* 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		
	25-Jun	27-Jun	% Increase Over Corresponding Week of 2015	25-Jun	27-Jun	% Increase Over Corresponding Week of 2015	25-Jun	27-Jun	% Increase Over Corresponding Week of 2015
	2016	2015		2016	2015		2016	2015	
	GWh	GWh		GWh	GWh		GWh	GWh	
	Output	Output		Output	Output		Output	Output	
New England	2,480	2,533	-2.1%	59,451	63,262	-6.0%	123,083	127,250	-3.3%
Mid-Atlantic	9,196	9,498	-3.2%	206,765	223,704	-7.6%	427,418	444,859	-3.9%
Central Industrial	14,796	13,569	9.0%	332,045	344,730	-3.7%	661,631	681,294	-2.9%
West Central	7,674	7,131	7.6%	159,245	162,071	-1.7%	327,009	328,873	-0.6%
Southeast	21,988	22,843	-3.7%	496,492	512,767	-3.2%	1,004,496	1,021,703	-1.7%
South Central	16,906	16,135	4.8%	333,312	339,608	-1.9%	702,931	701,504	0.2%
Rocky Mountain	6,454	6,430	0.4%	128,946	128,096	0.7%	277,666	273,753	1.4%
Pacific Northwest	2,574	2,781	-7.4%	78,081	77,341	1.0%	152,886	152,080	0.5%
Pacific Southwest	6,522	6,201	5.2%	133,652	133,841	-0.1%	284,839	283,888	0.3%
Total United States ^{1/}	88,590	87,121	1.7%	1,927,989	1,985,420	-2.9%	3,961,959	4,015,204	-1.3%
Coal Regions Only ^{2/}	77,014	75,606	1.9%	1,656,805	1,710,976	-3.2%	3,401,151	3,451,986	-1.5%

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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June 27, 2016

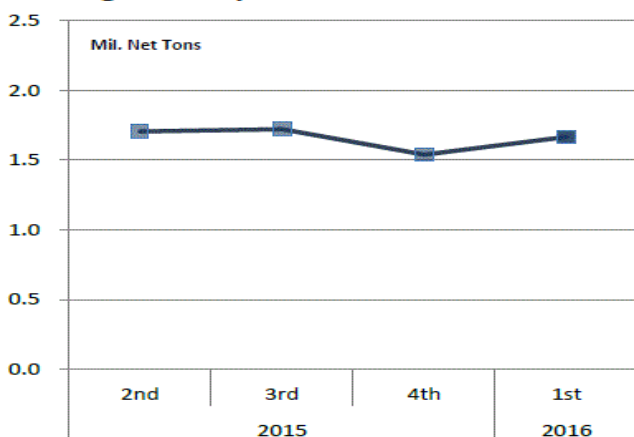
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 June 25</u>	<u>Week Ending June 18</u>	
<u>Week Ending</u>				North East	202	196
				Great Lakes	671	664
June 25, 2016	1,757	0.4	75.1	Midwest	175	176
June 25, 2015	1,760	-0.2	74.4	Southern	623	623
June 18, 2016	1,750	-1.6	74.8	Western	86	91
				Total	1,757	1,750
<u>Year-to-Date +</u>						
June 25, 2016	44,005	-0.7	72.4			
June 25, 2015	44,315	-	72.1			

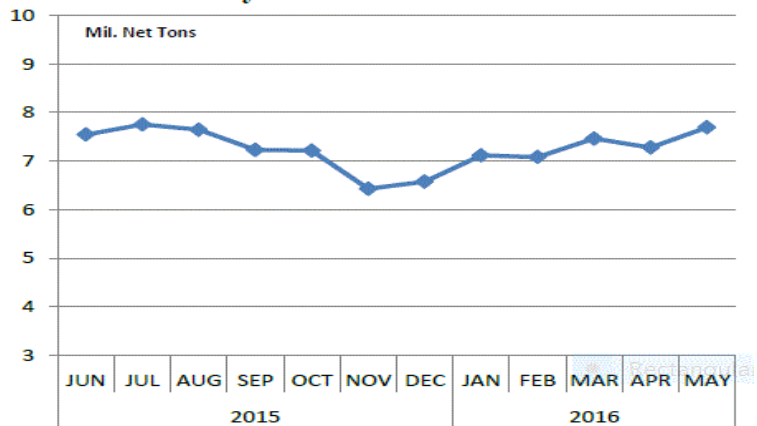
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

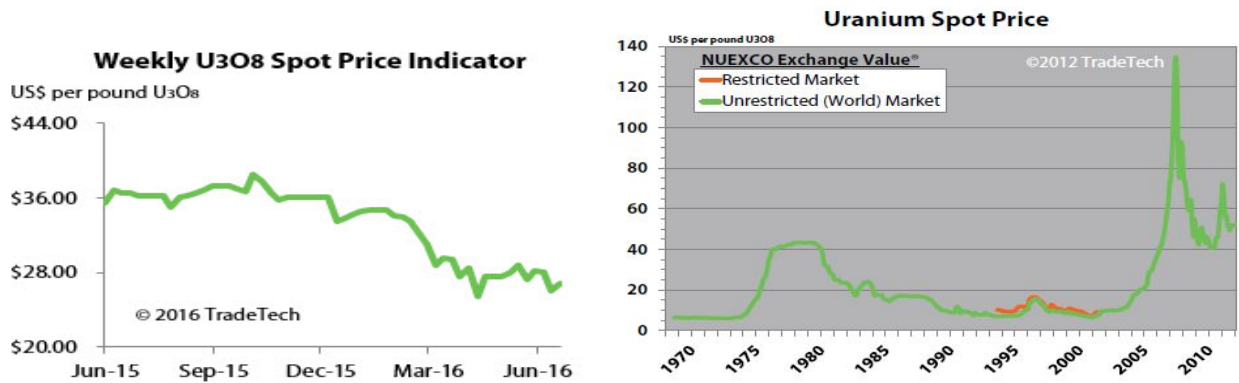


Source: Kitco website - www.kitco.com/connecting.html

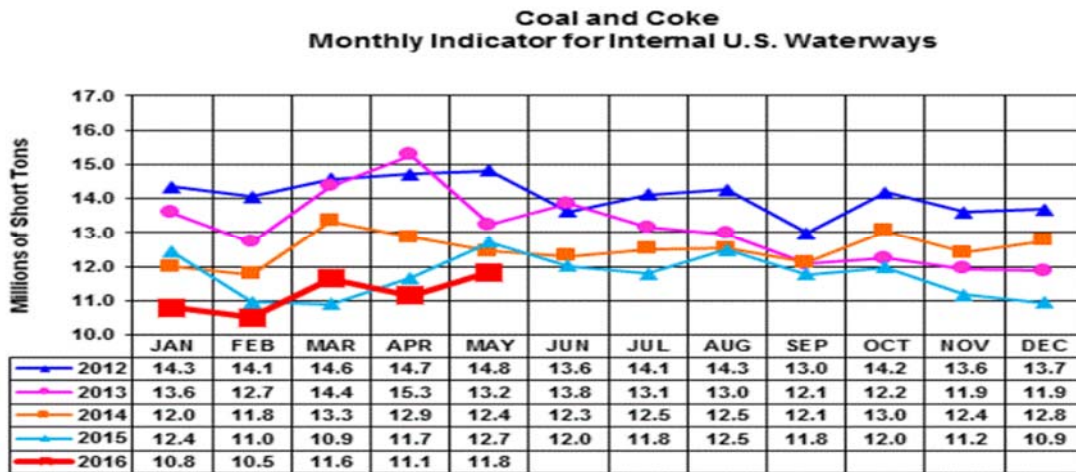


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators



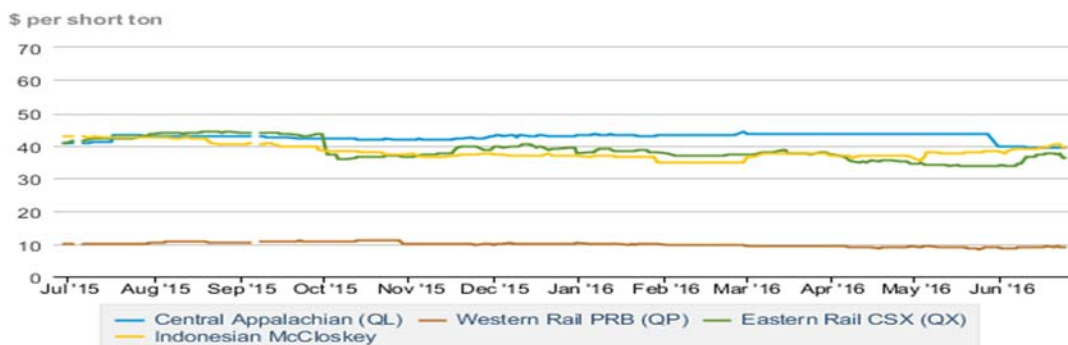
Source: Trade Tech, Uranium Info Website – www.uranium.info



Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center

NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

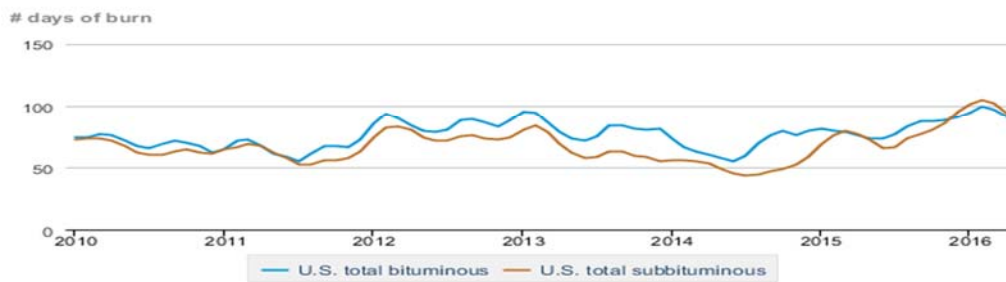
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	05/27/16	06/03/16	06/10/16	06/17/16	06/24/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	\$40.50	\$40.50	\$40.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.10	\$42.10	\$42.10	\$42.10	\$42.10	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$31.70	\$31.70	\$31.70	\$31.70	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.80	\$8.80	\$8.80	\$8.80	\$8.80	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.50	\$37.50	\$37.50	\$37.50	\$37.50	\$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 - April 2016



Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Jun 16)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	21	6	12	8	-3	-19
Middle Atlantic	8	-1	8	15	-9	-42
E N Central	4	-9	-1	53	21	5
W N Central	1	-11	-8	94	42	38
South Atlantic	0	-2	0	94	22	-17
E S Central	0	-1	0	97	30	-5
W S Central	0	0	0	123	24	16
Mountain	8	-16	0	52	1	-12
Pacific	15	-1	13	2	-19	-39
United States	6	-5	3	58	11	-12

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	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*

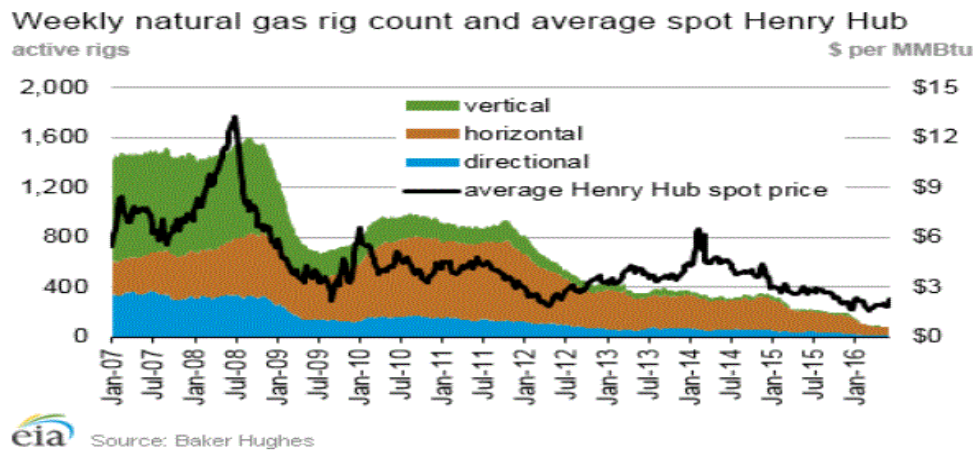
Working gas in underground storage

Region	Stocks billion cubic feet (bcf)		
	2016-06-17	2016-06-10	change
East	612	585	27
Midwest	724	703	21
Mountain	194	188	6
Pacific	318	312	6
South Central	1,255	1,253	2
Total	3,103	3,041	62

Source: U.S. Energy Information Administration

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

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		
	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*