
National Mining Association

Weekly Statistical Summary

July 15, 2016 Edition
(Data for Week Ending July 9, 2016)

Prepared by
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NMA Weekly Statistical Summary

Vol. 54, No. 28
Dated 07/15/16

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/09/16	07/11/15	% Chng	07/09/16	07/09/15	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,923	16,756	-22.9%	343,651	471,709	-27.1%
52 Weeks Ended	763,186	954,714	-20.1%			
AAR Coal Rail Cars Loaded:	72,998	95,318	-23.4%	1,906,004	2,721,964	-30.0%
Coal Production	Jun 16/15		% Chng	Jan - Jun 16/15		% Chng
Month Ended - June	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		
	07/09/16	07/11/15	% Chng	07/09/16	07/11/15	% Chng
EI Electric Total Output (Mil. Kwh)	88,147	85,046	3.6%	2,102,357	2,150,713	-2.2%
EI Coal Region Output (Mil. Kwh)	77,187	73,843	4.5%	1,808,049	1,853,189	-2.4%
AISI Raw Steel Output (000 Tons)	1,712	1,750	-2.2%	47,454	47,823	-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)	
	07/08/16	07/01/16	% Chng	Wed.	07/06/16
Central App, 12,500 Btu, 1.2 SO ₂	\$41.10	\$41.10	0.0%	Henry Hub	2.75
Northern App, 13,000 Btu, < 3.0 SO ₂	43.35	43.35	0.0%	New York	2.85
Illinois Basin, 11,800, 5.0 SO ₂	32.00	32.00	0.0%	Chicago	2.67
Powder River Basin, 8,800 Btu 0.8 SO ₂	8.70	8.70	0.0%	Cal.Comp.Avg.	2.41
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		
	7/9/2016 (week 28)	7/2/2016 (week 27)	7/11/2015 (week 28)	7/9/2016	7/9/2015	% Change	7/9/2016	7/11/2015	% Change
Alabama	150	183	226	4,778	7,817	-38.9	9,933	15,715	-36.8
Alaska	20	21	18	550	632	-13.1	1,106	1,288	-14.1
Arizona	88	106	124	2,658	3,818	-30.4	5,610	7,830	-28.4
Arkansas	1	1	2	30	50	-40.5	71	102	-30.4
Coloradc	206	262	362	5,795	10,781	-46.3	13,634	22,309	-38.9
Illinois	750	861	988	22,031	31,380	-29.8	46,519	60,122	-22.6
Indiana	474	546	644	13,855	18,824	-26.4	29,279	37,573	-22.1
Kansas	3	4	3	73	106	-31.6	165	162	1.9
Kentucky Total	788	917	1,115	22,508	33,981	-33.8	49,579	69,982	-29.2
Eastern (KY)	337	399	500	9,446	15,687	-39.8	21,558	32,916	-34.5
Western (KY)	451	518	615	13,063	18,294	-28.6	28,021	37,066	-24.4
Louisiana	57	58	87	1,386	1,551	-10.6	3,249	3,626	-10.4
Maryland	37	34	31	783	1,085	-27.8	1,839	2,023	-9.1
Mississippi	47	55	65	1,420	1,678	-15.4	2,867	3,370	-14.9
Missouri	1	2	3	66	84	-21.8	119	259	-54.1
Montana	598	650	820	15,360	21,708	-29.2	35,287	45,167	-21.9
New Mexico	358	367	396	8,515	9,305	-8.5	18,440	19,129	-3.6
North Dakota	477	515	537	13,336	14,903	-10.5	27,085	28,610	-5.3
Ohio	225	257	309	6,892	9,493	-27.4	14,506	19,328	-24.9
Oklahoma	11	13	13	322	429	-24.8	670	831	-19.4
Pennsylvania Total	723	808	1,028	19,944	26,962	-26.0	43,965	56,085	-21.6
Anthracite (PA)	40	40	45	924	1,042	-11.3	2,014	2,038	-1.2
Bituminous (PA)	683	767	983	19,020	25,919	-26.6	41,951	54,047	-22.4
Tennessee	14	15	15	415	455	-8.7	814	897	-9.3
Texas	629	593	772	16,419	15,596	5.3	35,632	37,457	-4.9
Utah	229	247	297	6,242	7,557	-17.4	13,426	16,045	-16.3
Virginia	208	231	239	5,959	7,555	-21.1	12,220	14,551	-16.0
West Virginia Total	1,317	1,459	1,647	36,950	52,709	-29.9	79,250	104,603	-24.2
Northern (WV)	735	773	806	19,609	25,231	-22.3	41,801	48,270	-13.4
Southern (WV)	582	686	841	17,340	27,478	-36.9	37,449	56,332	-33.5
Wyoming	5,510	5,896	7,017	137,363	193,250	-28.9	317,921	387,651	-18.0
Appalachian Total	3,012	3,387	3,993	85,167	121,763	-30.1	184,084	246,117	-25.2
Interior Total	2,425	2,651	3,192	68,665	87,992	-22.0	146,592	180,569	-18.8
Western Total	7,486	8,065	9,571	189,819	261,954	-27.5	432,509	528,028	-18.1
East of Mississippi River	4,733	5,367	6,306	135,536	191,939	-29.4	290,771	384,248	-24.3
West of Mississippi River	8,189	8,736	10,450	208,115	279,770	-25.6	472,415	570,466	-17.2
Bituminous and Lignite	12,883	14,063	16,711	342,727	470,667	-27.2	761,172	952,676	-20.1
Anthracite	40	40	45	924	1,042	-11.3	2,014	2,038	-1.2
U.S. Total	12,923	14,103	16,756	343,651	471,709	-27.1	763,186	954,714	-20.1
Railroad Cars Loaded	72,998	79,354	95,318	1,906,004	2,721,964	-30.0	4,311,187	5,543,784	-22.2

Source: Energy Information Administration



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OUTPUT FOR WEEK ENDED - Jul 09, 2016

Jul 13, 2016

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jul 09, 2016 was 88,147 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 174 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended July 09		52 Weeks Ended July 09	
	GWh Output	% Increase Over Corresponding Week of 2015	GWh Output	% Increase Over Corresponding Period of 2015
New England	2,572	-3.7	123,282	-2.6
Mid-Atlantic	9,715	-0.6	428,039	-3.5
Central Industrial	13,762	6.2	664,118	-2.2
West Central	6,958	4.7	327,799	-0.2
Southeast	22,964	1.6	1,006,651	-1.5
South Central	17,672	8.9	705,720	0.6
Rocky Mountain	6,116	8.3	277,853	1.6
Pacific Northwest	2,458	-9.5	152,405	0.0
Pacific Southwest	5,930	2.0	285,165	0.6
Total United States	88,147	3.6	3,971,032	-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)
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 09	88,147	Jul 11	85,046	3.6	Jul 09	3,971,032	-1.0
Jul 09	2,102,357	Jul 11	2,150,713	-2.2	YEAR TO DATE, FIRST 28 WEEKS		

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

Week Ended	2016	Week Ended	2015	Week Ended	2014
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
Jul 09	174	Jul 11	209	Jul 12	176

* 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		
	9-Jul 2016 GWh Output	11-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Jul 2016 GWh Output	11-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015	9-Jul 2016 GWh Output	11-Jul 2015 GWh Output	% Increase Over Corresponding Week of 2015
New England	2,572	2,672	-3.7%	64,642	68,255	-5.3%	123,282	126,620	-2.6%
Mid-Atlantic	9,715	9,774	-0.6%	225,535	241,852	-6.7%	428,039	443,385	-3.5%
Central Industrial	13,762	12,958	6.2%	359,056	369,254	-2.8%	664,118	678,755	-2.2%
West Central	6,958	6,648	4.7%	173,215	175,251	-1.2%	327,799	328,378	-0.2%
Southeast	22,964	22,595	1.6%	541,183	555,303	-2.5%	1,006,651	1,022,255	-1.5%
South Central	17,672	16,223	8.9%	367,909	371,415	-0.9%	705,720	701,564	0.6%
Rocky Mountain	6,116	5,645	8.3%	141,151	140,114	0.7%	277,853	273,505	1.6%
Pacific Northwest	2,458	2,717	-9.5%	83,410	83,151	0.3%	152,405	152,352	0.0%
Pacific Southwest	5,930	5,814	2.0%	146,257	146,120	0.1%	285,165	283,331	0.6%
Total United States ^{1/}	<u>88,147</u>	<u>85,046</u>	3.6%	<u>2,102,358</u>	<u>2,150,715</u>	-2.2%	<u>3,971,032</u>	<u>4,010,145</u>	-1.0%
Coal Regions Only ^{2/}	77,187	73,843	4.5%	1,808,049	1,853,189	-2.4%	3,410,180	3,447,842	-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 11, 2016

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

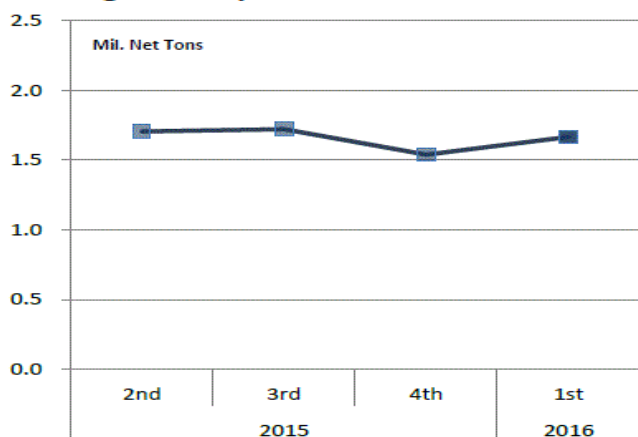
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
<u>Week Ending</u>				<u>July 9</u>	<u>July 2</u>	
July 9, 2016	1,712	-1.4	73.2	North East	201	206
July 9, 2015	1,750	-2.2	73.2	Great Lakes	675	693
July 2, 2016	1,737	-1.1	74.3	Midwest	161	166
				Southern	596	601
				Western	79	71
				Total	1,712	1,737

<u>Year-to-Date +</u>				
July 9, 2016	47,454	-0.8	72.5	
July 9, 2015	47,823	-	72.3	

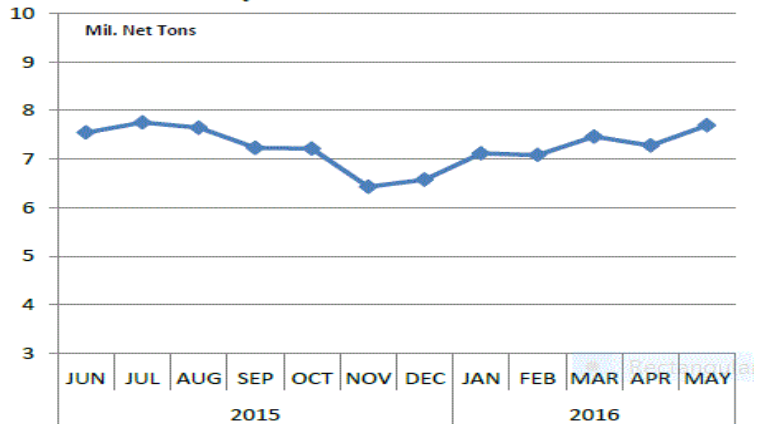
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



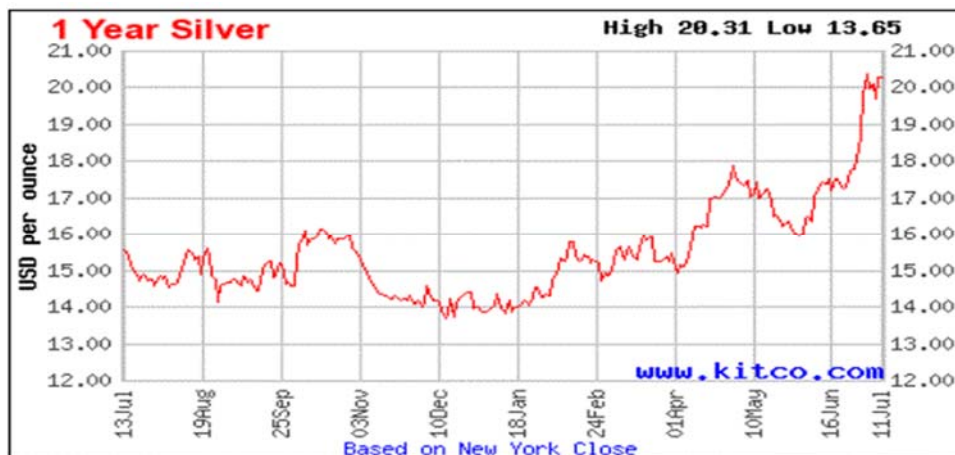
*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.



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

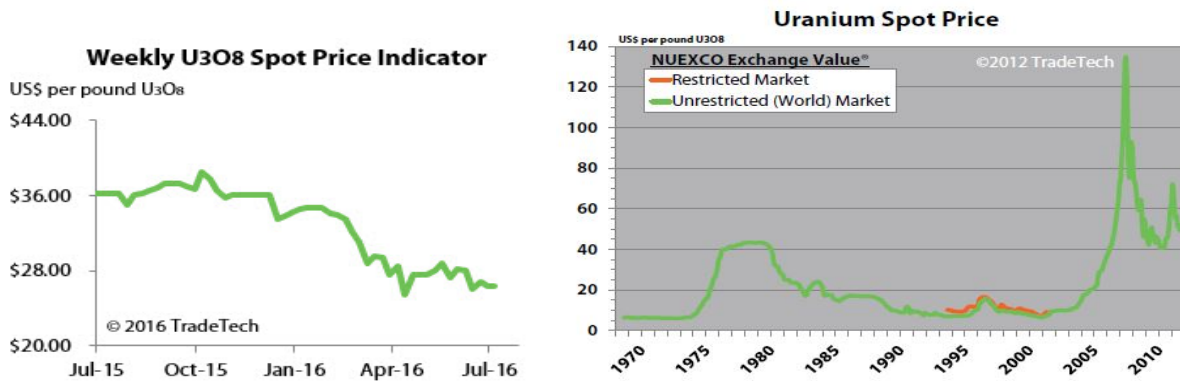


Source: Kitco website - www.kitco.com/connecting.html

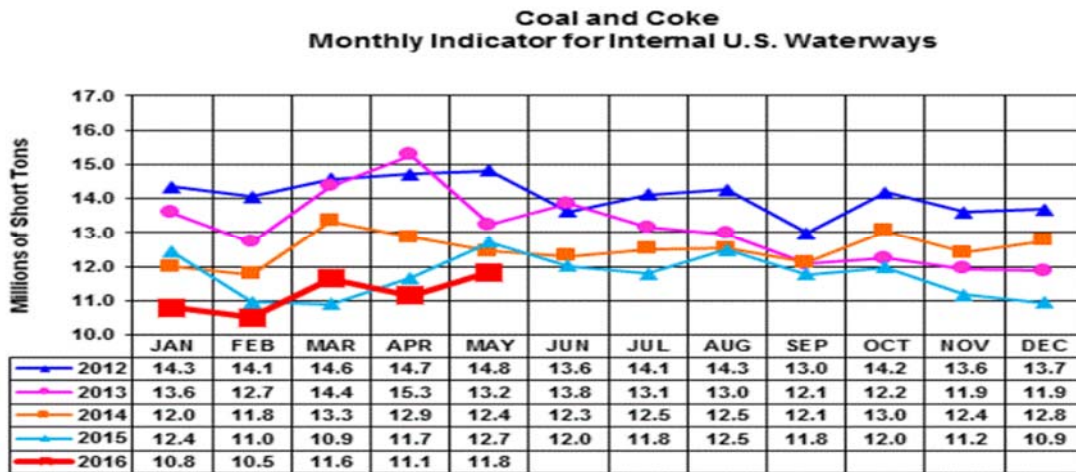


Source: Kitco website - www.kitco.com/connecting.html

Trade Tech's Uranium Price Indicators

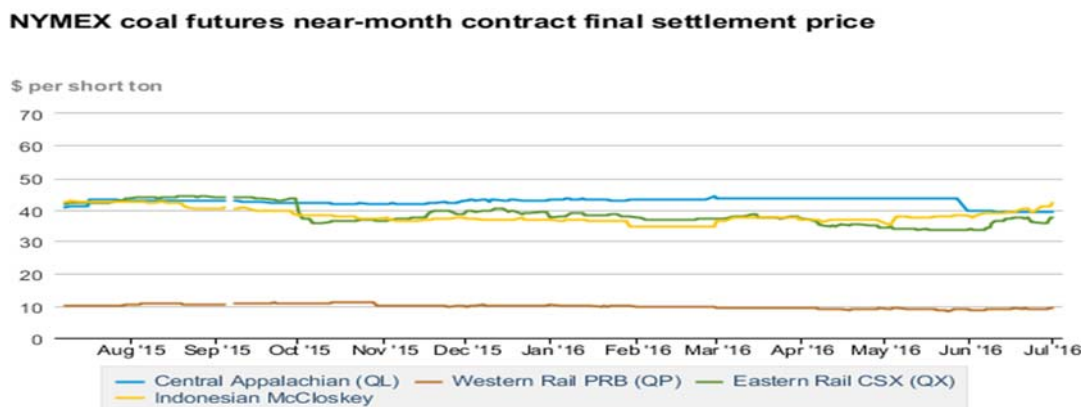


Source: Trade Tech, Uranium Info Website – www.uranium.info



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

NYMEX Coal Futures Near-month Contract Final Settlement Price



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

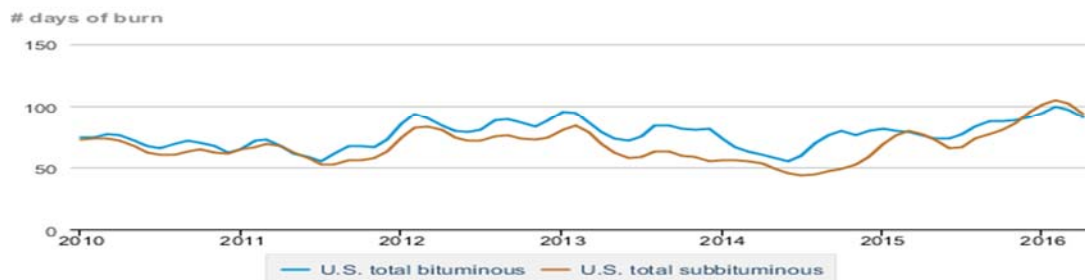
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/10/16	06/17/16	06/24/16	07/01/16	07/08/16	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$40.50	\$40.50	\$40.50	\$41.10	\$41.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.10	\$42.10	\$42.10	\$43.35	\$43.35	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$31.70	\$31.70	\$31.70	\$32.00	\$32.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$8.80	\$8.80	\$8.80	\$8.70	\$8.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$37.50	\$37.50	\$37.50	\$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 - April 2016



 Source: U.S. Energy Information Administration

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

Temperature -- heating & cooling degree days (week ending Jun 30)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	2	-2	-13	33	8	21
Middle Atlantic	1	-1	-5	49	9	27
E N Central	6	3	-6	45	0	27
W N Central	2	-3	0	66	8	11
South Atlantic	0	0	0	97	10	9
E S Central	0	0	0	101	18	23
W S Central	0	0	0	125	11	12
Mountain	1	-11	1	87	20	-14
Pacific	2	-7	2	64	32	-14
United States	2	-2	-2	74	12	11

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: 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*

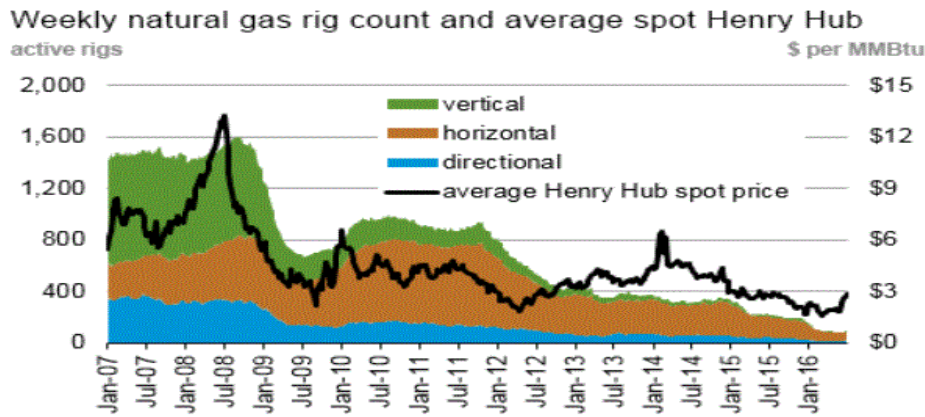
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2016-07-01	2016-06-24	change
East	654	632	22
Midwest	764	742	22
Mountain	202	198	4
Pacific	313	315	-2
South Central	1,246	1,253	-7
Total	3,179	3,140	39

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		
	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*