

# National Mining Association

## Weekly Statistical Summary

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July 7, 2017 Edition  
(Data for Week Ending July 1, 2017)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 55, No. 26  
Dated 07/07/17

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/01/17	06/25/16	% Chng	07/01/17	07/01/16	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	15,867	14,253	11.3%	389,386	335,573	16.0%
52 Weeks Ended	794,581	773,105	2.8%			
AAR Coal Rail Cars Loaded:	87,750	77,514	13.2%	2,142,601	1,822,687	17.6%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>						
	May 17/16		% Chng	Jan - May 17/16		% Chng
Metallurgical	4,563	3,275	39.3%	21,345	16,792	27.1%
Steam *	2,660	928	186.6%	15,303	5,903	159.2%
Lignite	6	5	20.0%	31	28	10.7%
Anthracite	17	4	325.0%	127	242	-47.5%
<b>Total</b>	<b>7,246</b>	<b>4,212</b>	<b>72.0%</b>	<b>36,806</b>	<b>22,965</b>	<b>60.3%</b>
<b>Imports:</b>						
	1,053	910	15.7%	3,461	4,348	-20.4%
<b>Week Ended</b>						
	07/01/17	07/02/16	% Chng	<b>Cumulative Week 1 to</b>		
				07/01/17	07/02/16	% Chng
<b>EI Electric Total Output (Mil. Kwh)</b>	82,260	86,222	-4.6%	1,933,166	1,939,857	-0.3%
<b>EI Coal Region Output (Mil. Kwh)</b>	70,809	74,057	-4.4%	1,657,270	1,667,835	-0.6%
<b>AISI Raw Steel Output (000 Tons)</b>	1,717	1,743	-1.5%	45,070	44,125	2.1%

## EIA (SNL ENERGY) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	06/30/17	06/23/17	% Chng	Wed.	06/28/17
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$52.55	\$52.55	0.0%	Henry Hub	3.01
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	45.65	45.65	0.0%	New York	2.56
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	30.95	30.95	0.0%	Chicago	2.84
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	11.55	11.55	0.0%	Cal.Comp.Avg.	2.85
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	40.35	40.35	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



<b>EIA Estimated Weekly U.S. Coal Production Overview</b>									
	<b>Week Ended</b>			<b>Year to Date</b>			<b>52 Weeks Ended</b>		
<b>Coal-Producing Region &amp; State</b> (thousand short tons)	7/1/2017 (week 26)	6/24/2017 (week 25)	6/25/2016 (week 26)	7/1/2017	7/1/2016	% Change	7/1/2017	6/25/2016	% Change
Alabama	185	188	197	5,467	4,689	16.6	10,064	10,238	-1.7
Alaska	18	17	20	481	540	-10.8	891	1,100	-19.0
Arizona	124	116	110	3,088	2,584	19.5	6,023	5,680	6.0
Arkansas	1	1	1	20	27	-24.6	25	70	-64.3
Colorado	282	239	274	6,825	5,595	22.0	14,093	14,043	0.4
Illinois	903	1,017	995	24,519	22,635	8.3	46,483	48,141	-3.4
Indiana	659	637	618	16,361	14,263	14.7	31,396	30,229	3.9
Kansas	2	2	.	29	27	8.9	29	125	-76.8
<b>Kentucky Total</b>	<b>854</b>	<b>813</b>	<b>880</b>	<b>21,664</b>	<b>21,360</b>	<b>1.4</b>	<b>43,832</b>	<b>49,765</b>	<b>-11.9</b>
Eastern (KY)	316	285	353	8,312	8,596	-3.3	16,898	21,341	-20.8
Western (KY)	538	528	527	13,351	12,764	4.6	26,935	28,424	-5.2
Louisiana	60	56	62	1,673	1,358	23.1	3,164	3,319	-4.7
Maryland	33	33	26	773	657	17.7	1,715	1,522	12.7
Mississippi	60	63	52	1,501	1,360	10.4	3,057	2,882	6.1
Missouri	7	7	6	146	110	32.6	275	164	67.7
Montana	628	664	551	15,023	13,735	9.4	34,127	34,663	-1.5
New Mexico	213	212	218	6,355	6,785	-6.3	13,103	17,260	-24.1
North Dakota	612	686	574	15,406	13,744	12.1	30,278	27,994	8.2
Ohio	242	255	289	5,522	7,177	-23.1	11,168	15,124	-26.2
Oklahoma	13	13	15	290	334	-13.3	600	696	-13.8
<b>Pennsylvania Total</b>	<b>1,082</b>	<b>1,066</b>	<b>998</b>	<b>25,922</b>	<b>21,690</b>	<b>19.5</b>	<b>50,961</b>	<b>46,423</b>	<b>9.8</b>
Anthracite (PA)	31	34	36	922	846	8.9	1,739	1,973	-11.9
Bituminous (PA)	1,051	1,032	961	25,001	20,844	19.9	49,222	44,450	10.7
Tennessee	12	12	13	303	380	-20.2	602	836	-28.0
Texas	857	978	783	20,643	18,841	9.6	41,698	38,739	7.6
Utah	320	319	310	7,588	6,883	10.2	14,714	13,946	5.5
Virginia	320	314	292	7,654	6,520	17.4	14,620	13,218	10.6
<b>West Virginia Total</b>	<b>1,821</b>	<b>1,848</b>	<b>1,671</b>	<b>45,991</b>	<b>38,297</b>	<b>20.1</b>	<b>89,194</b>	<b>82,294</b>	<b>8.4</b>
Northern (WV)	1,028	1,038	884	25,348	20,367	24.5	49,258	43,302	13.8
Southern (WV)	793	810	787	20,643	17,930	15.1	39,937	38,992	2.4
Wyoming	6,559	6,041	5,298	156,141	125,980	23.9	332,469	314,633	5.7
<b>Appalachian Total</b>	<b>4,012</b>	<b>4,001</b>	<b>3,840</b>	<b>99,945</b>	<b>88,007</b>	<b>13.6</b>	<b>195,221</b>	<b>190,996</b>	<b>2.2</b>
<b>Interior Total</b>	<b>3,100</b>	<b>3,301</b>	<b>3,059</b>	<b>78,533</b>	<b>71,719</b>	<b>9.5</b>	<b>153,662</b>	<b>152,789</b>	<b>0.6</b>
<b>Western Total</b>	<b>8,755</b>	<b>8,293</b>	<b>7,355</b>	<b>210,908</b>	<b>175,847</b>	<b>19.9</b>	<b>445,698</b>	<b>429,320</b>	<b>3.8</b>
<b>East of Mississippi River</b>	<b>6,171</b>	<b>6,245</b>	<b>6,032</b>	<b>155,677</b>	<b>139,029</b>	<b>12.0</b>	<b>303,092</b>	<b>300,672</b>	<b>0.8</b>
<b>West of Mississippi River</b>	<b>9,696</b>	<b>9,349</b>	<b>8,221</b>	<b>233,709</b>	<b>196,544</b>	<b>18.9</b>	<b>491,489</b>	<b>472,433</b>	<b>4.0</b>
Bituminous and Lignite	15,836	15,560	14,217	388,464	334,727	16.1	792,842	771,132	2.8
Anthracite	31	34	36	922	846	8.9	1,739	1,973	-11.9
<b>U.S. Total</b>	<b>15,867</b>	<b>15,595</b>	<b>14,253</b>	<b>389,386</b>	<b>335,573</b>	<b>16.0</b>	<b>794,581</b>	<b>773,105</b>	<b>2.8</b>
Railroad Cars Loaded	87,750	85,975	77,514	2,142,601	1,822,687	17.6	4,503,254	4,337,075	3.8

Source: Energy Information Administration

EEI

**Weekly Electric Output**

Volume 85 No. 26

**OUTPUT FOR WEEK ENDED - Jul 01, 2017**

Jul 06, 2017

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jul 01, 2017 was 82,260 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 July 01		52 Weeks Ended July 01	
	GWh Output	% Increase Over Corresponding Week of 2016	GWh Output	% Increase Over Corresponding Period of 2016
New England	2,420	-7.6	123,343	0.0
Mid-Atlantic	8,822	-2.6	434,043	1.4
Central Industrial	12,544	-5.3	670,284	1.1
West Central	6,440	-8.2	328,496	0.3
Southeast	20,684	-4.8	1,022,513	1.6
South Central	16,177	-4.4	723,442	2.7
Rocky Mountain	6,142	0.9	277,937	0.2
Pacific Northwest	2,942	2.5	158,063	3.5
Pacific Southwest	6,089	-8.8	281,581	-1.2
Total United States	82,260	-4.6	4,019,701	1.3

**WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh**

Week Ended	2017	Week Ended	2016	% Inc. (17/16)	52 Weeks Ended	2017	% Inc. (17/16)
Jun 10	77,385	Jun 11	81,077	-4.6	Jun 10	4,021,865	1.5
Jun 17	88,147	Jun 18	84,925	3.8	Jun 17	4,025,087	1.6
Jun 24	87,167	Jun 25	88,590	-1.6	Jun 24	4,023,664	1.6
Jul 01	82,260	Jul 02	86,222	-4.6	Jul 01	4,019,701	1.3
Jul 01	1,933,166	Jul 02	1,939,857	-0.3	YEAR TO DATE, FIRST 26 WEEKS		

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

Week Ended	2017	Week Ended	2016	Week Ended	2015
Jun 10	175	Jun 11	171	Jun 13	197
Jun 17	193	Jun 18	175	Jun 20	199
Jun 24	188	Jun 25	178	Jun 27	209
Jul 01	172	Jul 02	178	Jul 04	194

\* 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		
	1-Jul 2017 GWh Output	2-Jul 2016 GWh Output	% Increase Over Corresponding Week of 2016	1-Jul 2017 GWh Output	2-Jul 2016 GWh Output	% Increase Over Corresponding Week of 2016	1-Jul 2017 GWh Output	2-Jul 2016 GWh Output	% Increase Over Corresponding Week of 2016
<b>New England</b>	2,420	2,619	-7.6%	<b>59,111</b>	<b>59,737</b>	<b>-1.0%</b>	123,343	123,382	0.0%
<b>Mid-Atlantic</b>	8,822	9,055	-2.6%	<b>206,085</b>	<b>208,126</b>	<b>-1.0%</b>	434,043	428,099	1.4%
<b>Central Industrial</b>	12,544	13,249	-5.3%	<b>326,198</b>	<b>332,751</b>	<b>-2.0%</b>	670,284	663,314	1.1%
<b>West Central</b>	6,440	7,012	-8.2%	<b>157,850</b>	<b>160,110</b>	<b>-1.4%</b>	328,496	327,489	0.3%
<b>Southeast</b>	20,684	21,727	-4.8%	<b>490,858</b>	<b>500,306</b>	<b>-1.9%</b>	1,022,513	1,006,282	1.6%
<b>South Central</b>	16,177	16,925	-4.4%	<b>344,537</b>	<b>337,429</b>	<b>2.1%</b>	723,442	704,271	2.7%
<b>Rocky Mountain</b>	6,142	6,089	0.9%	<b>131,742</b>	<b>129,113</b>	<b>2.0%</b>	277,937	277,382	0.2%
<b>Pacific Northwest</b>	2,942	2,871	2.5%	<b>82,928</b>	<b>77,089</b>	<b>7.6%</b>	158,063	152,664	3.5%
<b>Pacific Southwest</b>	6,089	6,675	-8.8%	<b>133,858</b>	<b>135,197</b>	<b>-1.0%</b>	281,581	285,049	-1.2%
<b>Total United States <sup>1/</sup></b>	<u>82,260</u>	<u>86,222</u>	-4.6%	<u><b>1,933,167</b></u>	<u><b>1,939,858</b></u>	<u><b>-0.3%</b></u>	<u>4,019,702</u>	<u>3,967,932</u>	1.3%
<b>Coal Regions Only <sup>2/</sup></b>	70,809	74,057	-4.4%	<b>1,657,270</b>	<b>1,667,835</b>	<b>-0.6%</b>	3,456,715	3,406,837	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.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

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July 5, 2017

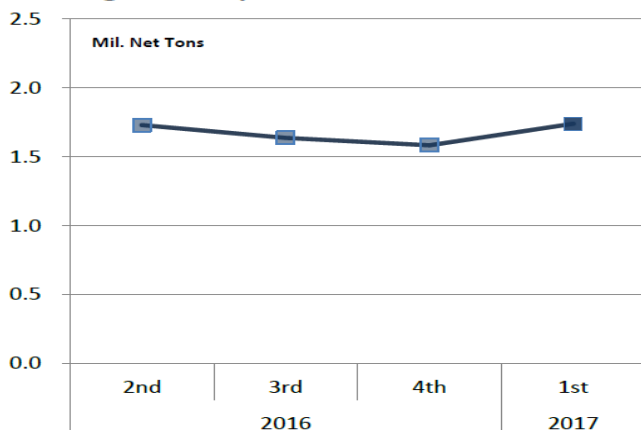
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>July 1</u>	<u>Jun 24</u>	
<b><u>Week Ending</u></b>				North East	204	210
				Great Lakes	668	642
July 1, 2017	1,717	-0.7	73.6	Midwest	168	167
July 1, 2016	1,743	-1.5	74.5	Southern	608	633
June 24, 2017	1,729	-0.6	74.2	Western	69	77
				<b>Total</b>	<b>1,717</b>	<b>1,729</b>
<b><u>Year-to-Date +</u></b>						
July 1, 2017	45,070	2.1	74.4			
July 1, 2016	44,125	-	72.6			

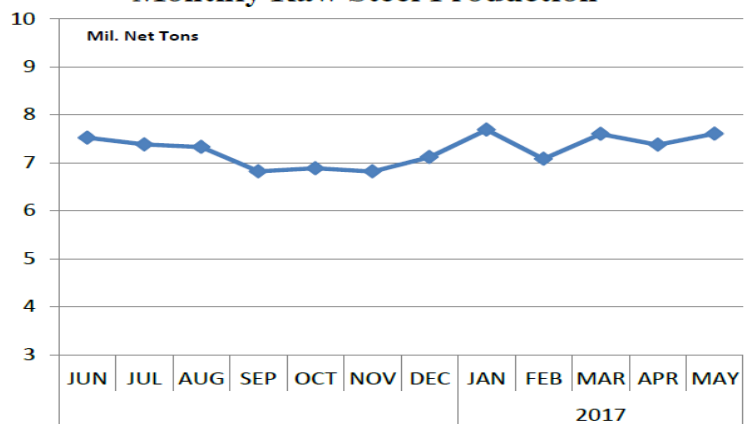
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2017 is approximately 30.3 million net tons vs. 30.4 million net tons for the same period last year, and 30.0 million tons for the first quarter of 2017.

**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](http://www.kitco.com/connecting.html)

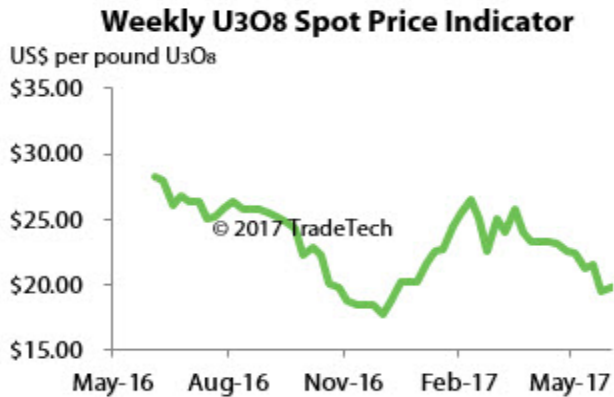


Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)



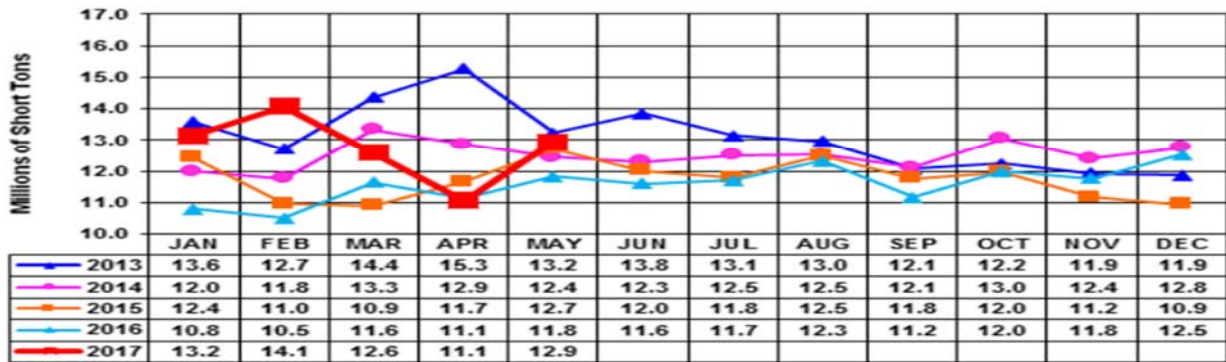
Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

### Trade Tech's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – [www.uranium.info](http://www.uranium.info) ; Ux Consulting Co., LLC – <http://www.uxc.com>

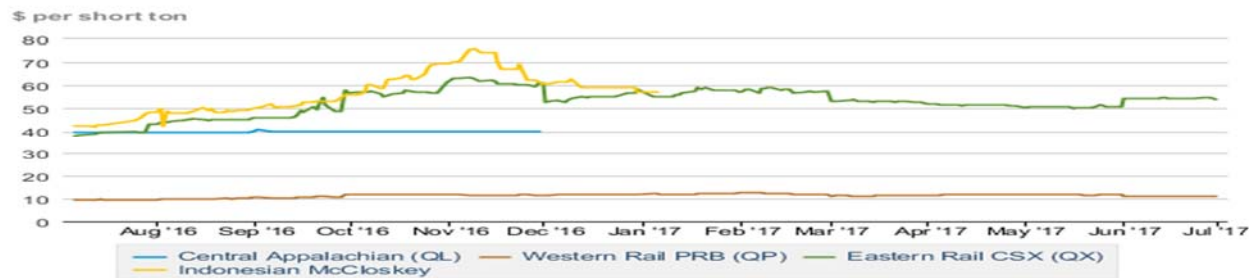
### Coal and Coke Monthly Indicator for Internal U.S. Waterways



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

### NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



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

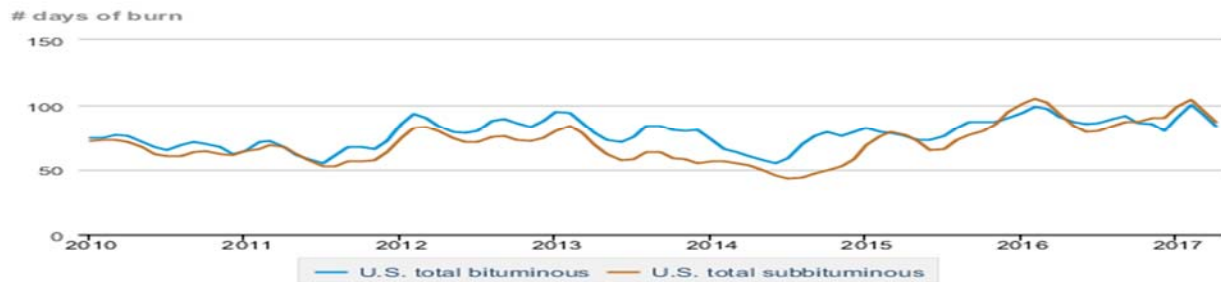
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

### Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/02/17	06/09/17	06/16/17	06/23/17	06/30/17	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$52.35	\$52.35	\$52.35	\$52.55	\$52.55	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$45.50	\$45.50	\$45.50	\$45.65	\$45.65	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$30.95	\$30.95	\$30.95	\$30.95	\$30.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$11.55	\$11.55	\$11.55	\$11.55	\$11.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$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 2017



Source: U.S. Energy Information Administration

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

### Temperature – heating & cooling degree days (week ending Jun 22)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	4	-6	0	35	18	13
Middle Atlantic	0	-5	-2	51	20	10
E N Central	3	-4	2	51	13	-12
W N Central	4	-3	4	55	6	-27
South Atlantic	0	0	0	93	14	7
E S Central	0	0	0	77	3	-17
W S Central	0	0	0	119	13	-12
Mountain	2	-16	-2	91	33	18
Pacific	3	-9	-9	71	46	37
United States	2	-5	-1	73	19	4

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	2017 Year to Date - 1st Quarter	2016 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	244.0	242.0	1%
Cement (Mil. Mt.)	17.0	16.9	1%
Copper (000 Mt.)	324.0	362.0	-10%
Gold (Mt.)	56.5	51.6	9%
Gypsum (Mil. Mt.)	4.0	4.1	-2%
Iron Ore (Mil. Mt.)	10.4	9.2	13%
Lead (000 Mt.)	83.2	91.8	-9%
Molybdenum (000 Mt.)	9.9	8.7	14%
Phosphate rock (Mil. Mt.)	6.7	6.2	8%
Sand & gravel, construction (Mil. Mt.)	165.0	172.0	-4%
Silver (Mt.)	303.0	286.0	6%
Soda ash (Mil. Mt.)	2.9	2.9	0%
Stone, crushed (Mil. Mt.)	261.0	267.0	-2%
Zinc (000 Mt.)	169.0	204.0	-17%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2017 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 2017		April 2016			March 2017		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	4,712	81	7,662	117	-38.5%	4,583	84	2.8%
	Subbituminous	145	226	171	184	-15.3%	145	251	0.0%
South	Bituminous	32,491	82	37,153	88	-12.5%	31,894	93	1.9%
	Subbituminous	6,518	71	7,838	86	-16.8%	6,222	80	4.8%
Midwest	Bituminous	15,362	89	18,387	95	-16.4%	15,271	97	0.6%
	Subbituminous	43,658	88	46,733	86	-6.6%	43,570	98	0.2%
West	Bituminous	5,924	90	5,587	76	6.0%	5,937	100	-0.2%
	Subbituminous	32,205	89	41,393	103	-22.2%	31,500	100	2.2%
U.S. Total	Bituminous	58,489	84	68,788	91	-15.0%	57,685	94	1.4%
	Subbituminous	82,525	87	96,135	93	-14.2%	81,438	97	1.3%

Source: Energy Information Administration, *Electricity Monthly Update*

### EIA Working Natural Gas Underground Storage

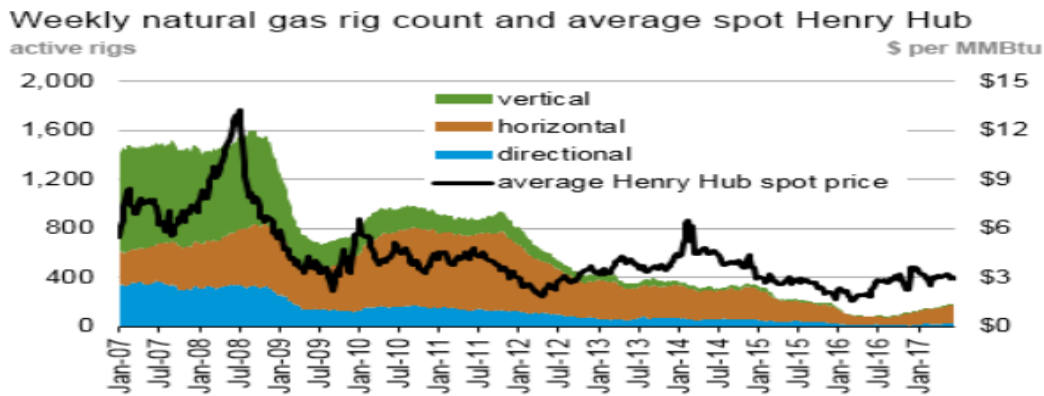
**Working gas in underground storage**

Region	Stocks billion cubic feet (Bcf)		
	2017-06-23	2017-06-16	change
East	536	513	23
Midwest	676	656	20
Mountain	184	182	2
Pacific	280	281	-1
South Central	1,140	1,138	2
<b>Total</b>	<b>2,816</b>	<b>2,770</b>	<b>46</b>

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		
	June 2017	July 2017	change	June 2017	July 2017	change
Bakken	1,151	1,152	1	1,528	1,529	1
Eagle Ford	1,451	1,451	-	4,615	4,626	11
Haynesville	33	33	-	7,398	7,463	65
Marcellus	70	70	-	13,430	13,472	42
Niobrara	1,288	1,288	-	4,469	4,550	81
Permian	617	602	(15)	1,038	1,013	(25)
Utica	225	237	12	10,647	10,726	79
Rig-weighted average	718	719	1	3,510	3,470	(40)

Source: Energy Information Administration, *Drilling Productivity Report*