

National Mining Association

Weekly Statistical Summary

June 1, 2018 Edition
(Data for Week Ending May 26, 2018)

Prepared by
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NMA Weekly Statistical Summary

Vol. 56, No. 21
Dated 06/01/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/26/18	05/27/17	% Chng	05/26/18	05/26/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,830	14,747	0.6%	303,012	307,564	-1.5%
52 Weeks Ended	767,649	780,675	-1.7%			
AAR Coal Rail Cars Loaded:	84,674	82,481	2.7%	1,719,457	1,703,053	1.0%
Coal Production Month Ended - April	Apr 18/17		% Chng	Jan - Apr 18/17		% Chng
	59,152	58,749	0.7%	250,249	255,781	-2.2%
DOC Coal Trade (000 Tons)						
Exports:	Mar 18/17			Jan - Mar 18/17		
			% Chng			% Chng
Metallurgical	4,970	4,079	21.8%	14,875	12,171	22.2%
Steam *	4,446	3,915	13.6%	12,309	10,052	22.5%
Lignite	7	5	40.0%	23	20	15.0%
Anthracite	6	17	-64.7%	26	77	-66.2%
Total	9,429	8,016	17.6%	27,233	22,320	22.0%
Imports:	518	560	-7.5%	1,367	1,915	-28.6%
	Week Ended			Cumulative Week 1 to		
	05/26/18	05/27/17	% Chng	05/26/18	05/27/17	% Chng
EI Electric Total Output (Mil. Kwh)	77,681	72,572	7.0%	1,581,120	1,523,617	3.8%
EI Coal Region Output (Mil. Kwh)	68,000	62,460	8.9%	1,364,279	1,302,124	4.8%
AISI Raw Steel Output (000 Tons)	1,789	1,718	4.1%	36,813	36,124	1.9%

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)	
	05/25/18	05/18/18	% Chng	Wed.	05/23/18
Central App, 12,500 Btu, 1.2 SO ₂	\$62.25	\$60.40	3.1%	Henry Hub	2.86
Northern App, 13,000 Btu, < 3.0 SO ₂	45.65	44.30	3.0%	New York	2.87
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.74
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.40	12.45	-0.4%	Cal.Comp.Avg.	2.33
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.55	41.70	-0.4%		

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: EIA; 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		
	5/26/2018 (week 21)	5/19/2018 (week 20)	5/27/2017 (week 21)	5/26/2018	5/26/2017	% Change	5/26/2018	5/27/2017	% Change
Alabama	292	253	274	5,801	5,327	8.9	13,051	11,346	15.0
Alaska	18	16	16	345	377	-8.5	925	882	4.9
Arizona	117	107	109	2,365	2,484	-4.8	6,088	5,942	2.5
Arkansas	1	1	1	19	20	-5.8	25	50	-50.0
Colorado	316	304	345	6,801	6,366	6.8	15,437	14,927	3.4
Illinois	996	882	1,013	19,890	20,277	-1.9	47,837	46,931	1.9
Indiana	614	564	601	12,430	12,892	-3.6	30,878	30,879	s
Kentucky Total	832	780	896	17,005	18,160	-6.4	41,386	44,511	-7.0
Eastern (KY)	409	390	423	8,013	7,830	2.3	18,999	17,992	5.6
Western (KY)	423	390	473	8,992	10,330	-12.9	22,388	26,519	-15.6
Louisiana	32	29	37	838	1,233	-32.0	1,679	3,016	-44.3
Maryland	35	34	39	716	675	6.1	1,697	1,743	-2.6
Mississippi	50	48	65	1,059	1,230	-13.8	2,425	3,034	-20.1
Missouri	4	4	5	92	96	-4.6	239	254	-5.9
Montana	674	611	615	12,910	11,851	8.9	36,211	33,597	7.8
New Mexico	269	238	277	5,558	5,820	-4.5	12,900	13,618	-5.3
North Dakota	532	497	519	10,679	11,124	-4.0	28,276	28,731	-1.6
Ohio	153	142	186	3,005	3,665	-18.0	8,652	10,664	-18.9
Oklahoma	10	10	13	196	217	-9.9	538	620	-13.2
Pennsylvania Total	947	881	997	19,651	20,065	-2.1	48,557	49,856	-2.6
Anthracite (PA)	37	33	36	762	794	-4.0	1,847	1,796	2.8
Bituminous (PA)	909	848	960	18,889	19,271	-2.0	46,710	48,060	-2.8
Tennessee	7	7	9	165	222	-25.9	372	588	-36.7
Texas	631	577	663	12,525	13,704	-8.6	35,073	38,272	-8.4
Utah	258	239	268	5,171	5,535	-6.6	13,928	14,241	-2.2
Virginia	259	240	275	5,367	5,778	-7.1	13,258	14,208	-6.7
West Virginia Total	1,893	1,727	1,835	37,820	37,438	1.0	92,906	88,442	5.0
Northern (WV)	873	806	895	18,143	19,375	-6.4	45,437	47,521	-4.4
Southern (WV)	1,021	920	940	19,676	18,063	8.9	47,470	40,921	16.0
Wyoming	5,889	5,560	5,688	122,605	123,008	-0.3	315,312	324,322	-2.8
Appalachian Total	3,995	3,675	4,039	80,537	81,001	-0.6	197,492	194,839	1.4
Interior Total	2,761	2,505	2,872	56,041	59,999	-6.6	141,082	149,576	-5.7
Western Total	8,073	7,572	7,837	166,434	166,564	-0.1	429,076	436,260	-1.6
East of Mississippi River	6,079	5,559	6,192	122,909	125,729	-2.2	301,020	302,203	-0.4
West of Mississippi River	8,751	8,193	8,556	180,103	181,835	-1.0	466,630	478,472	-2.5
Bituminous and Lignite	14,792	13,719	14,711	302,250	306,771	-1.5	765,802	778,879	-1.7
Anthracite	37	33	36	762	794	-4.0	1,847	1,796	2.8
U.S. Total	14,830	13,752	14,747	303,012	307,564	-1.5	767,649	780,675	-1.7
Railroad Cars Loaded	84,674	78,519	82,481	1,719,457	1,703,053	1.0	4,435,239	4,434,664	s

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 21

OUTPUT FOR WEEK ENDED - May 26, 2018

May 31, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **May 26, 2018** was **77,681** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **192** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 26		52 Weeks Ended May 26	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,094	3.5	120,670	-2.3
Mid-Atlantic	7,982	12.8	431,582	-0.8
Central Industrial	12,517	10.5	670,482	-0.2
West Central	6,416	16.1	331,792	0.6
Southeast	20,840	7.8	1,033,416	0.7
South Central	15,376	10.6	743,339	2.7
Rocky Mountain	4,869	-7.8	277,741	-0.1
Pacific Northwest	2,675	-0.3	157,548	-0.2
Pacific Southwest	4,912	-9.1	280,876	-0.7
Total United States	77,681	7.0	4,047,446	0.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
May 05	70,724	May 06	69,270	2.1	May 05	4,038,716	0.3
May 12	73,179	May 13	69,261	5.7	May 12	4,042,634	0.4
May 19	76,149	May 20	76,445	-0.4	May 19	4,042,337	0.2
May 26	77,681	May 27	72,572	7.0	May 26	4,047,446	0.5
May 26	1,581,120	May 27	1,523,617	3.8	YEAR TO DATE, FIRST 21 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
May 05	187	May 06	173	May 07	168
May 12	189	May 13	169	May 14	174
May 19	195	May 20	187	May 21	161
May 26	192	May 27	176	May 28	170

* 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		
	26-May 2018 GWh Output	27-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	26-May 2018 GWh Output	27-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	26-May 2018 GWh Output	27-May 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,094	2,022	3.6%	47,444	47,359	0.2%	120,670	123,558	-2.3%
Mid-Atlantic	7,982	7,079	12.8%	169,919	163,311	4.0%	431,582	434,972	-0.8%
Central Industrial	12,517	11,327	10.5%	271,684	259,474	4.7%	670,482	672,104	-0.2%
West Central	6,416	5,528	16.1%	130,284	124,440	4.7%	331,792	329,873	0.6%
Southeast	20,840	19,340	7.8%	407,259	386,889	5.3%	1,033,416	1,026,632	0.7%
South Central	15,376	13,902	10.6%	283,175	265,479	6.7%	743,339	723,479	2.7%
Rocky Mountain	4,869	5,284	-7.9%	101,958	102,531	-0.6%	277,741	277,933	-0.1%
Pacific Northwest	2,675	2,684	-0.3%	67,360	69,352	-2.9%	157,548	157,943	-0.3%
Pacific Southwest	4,912	5,406	-9.1%	102,036	104,782	-2.6%	280,876	282,720	-0.7%
Total United States ^{1/}	<u>77,681</u>	<u>72,572</u>	7.0%	<u>1,581,119</u>	<u>1,523,617</u>	3.8%	4,047,446	4,029,214	0.5%
Coal Regions Only ^{2/}	68,000	62,460	8.9%	1,364,279	1,302,124	4.8%	3,488,352	3,464,993	0.7%

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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May 29, 2018

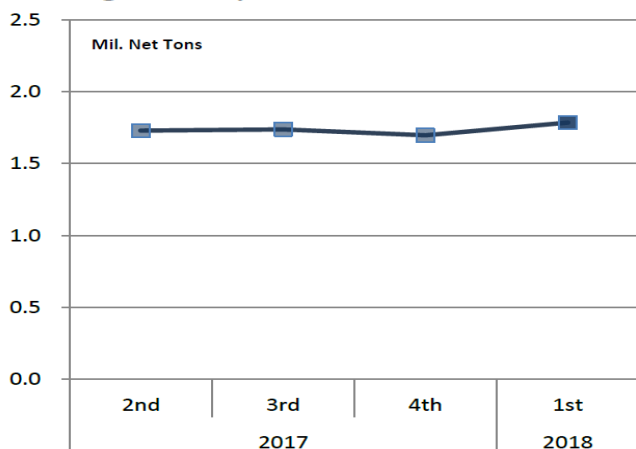
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 26</u>	<u>May 19</u>	
<u>Week Ending</u>				North East	212	215
				Great Lakes	653	664
May 26, 2018	1,789	0.8	76.3	Midwest	164	162
May 26, 2017	1,718	4.1	73.7	Southern	683	660
May 19, 2018	1,775	1.6	75.7	Western	<u>77</u>	<u>74</u>
				Total	1,789	1,775
<u>Year-to-Date +</u>						
May 26, 2018	36,813	1.9	75.6			
May 26, 2017	36,124	-	74.3			

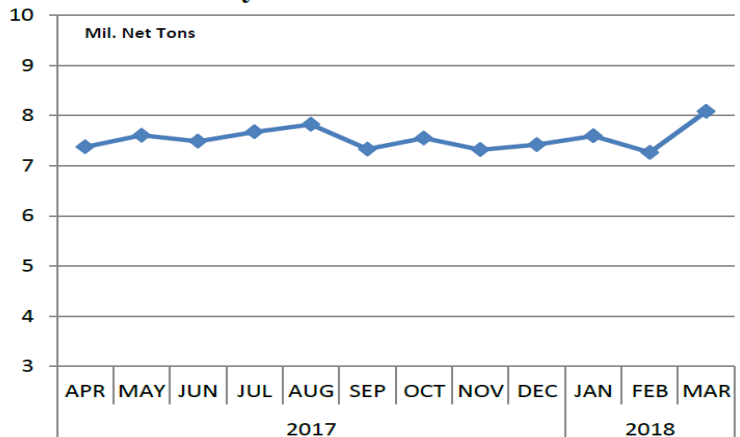
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 first quarter 2018 is approximately 30.0 million net tons vs. 30.0 million net tons for the same period last year, and 30.6 million tons for the fourth 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



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

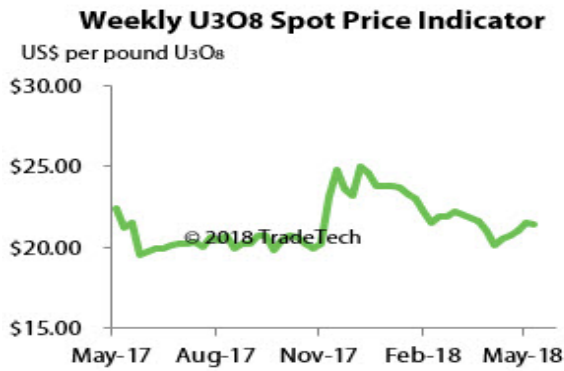
U.S. Rail Traffic¹
 Week 21, 2018 – Ended May 26, 2018

	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	273,226	3.0%	5,414,483	257,833	1.2%
Chemicals	33,674	7.9%	681,287	32,442	3.8%
Coal	84,674	2.5%	1,728,079	82,289	0.8%
Farm Products excl. Grain, and Food	16,584	2.6%	339,362	16,160	0.7%
Forest Products	10,584	4.0%	212,807	10,134	1.5%
Grain	25,796	4.2%	485,411	23,115	-0.5%
Metallic Ores and Metals	25,939	6.2%	468,935	22,330	1.7%
Motor Vehicles and Parts	16,874	-4.8%	353,617	16,839	-3.3%
Nonmetallic Minerals	38,973	2.4%	734,404	34,972	3.8%
Petroleum and Petroleum Products	10,711	8.7%	214,390	10,209	3.9%
Other	9,417	-8.2%	196,191	9,342	-3.8%
Total Intermodal Units	292,276	5.8%	5,736,006	273,143	5.9%
Total Traffic	565,502	4.4%	11,150,489	530,976	3.6%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.
² Average per week figures may not sum to totals as a result of independent rounding.

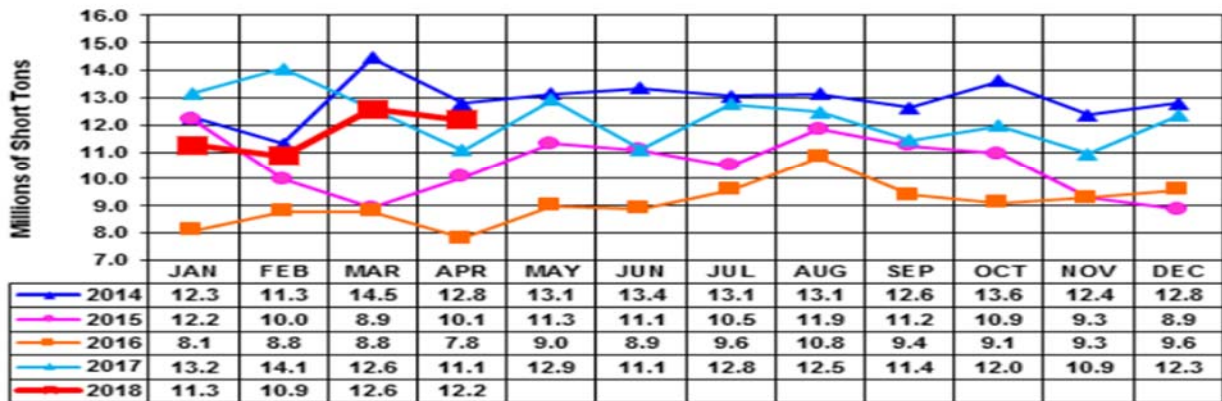
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

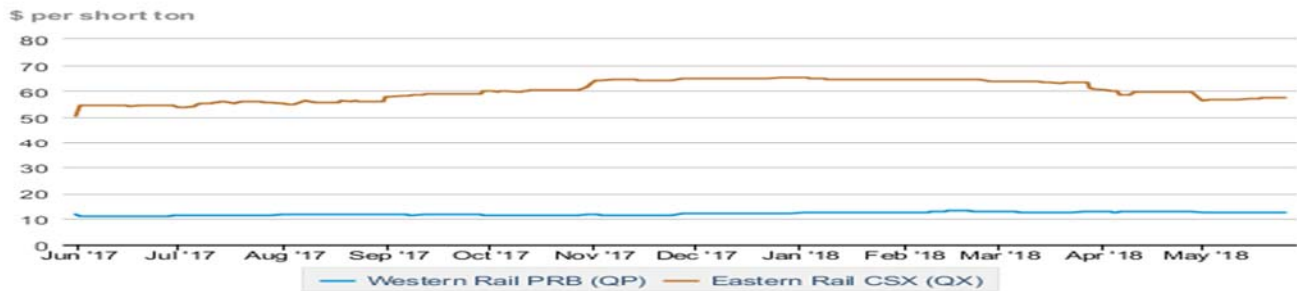
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

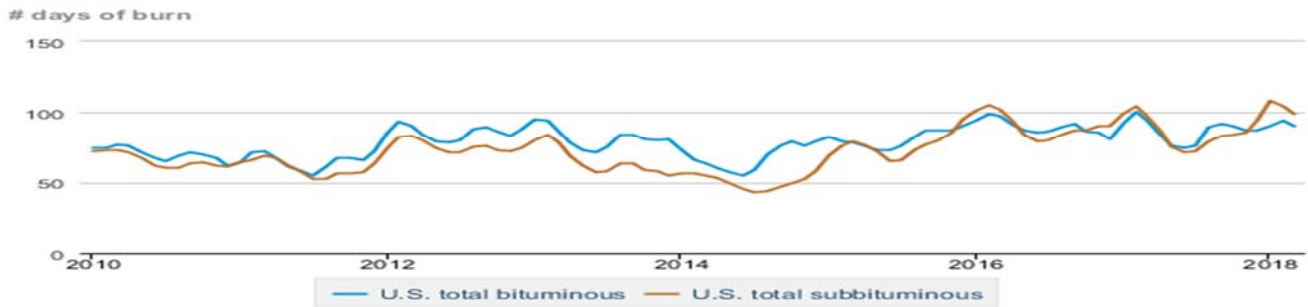
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/27/18	05/04/18	05/11/18	05/18/18	05/25/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.40	\$60.40	\$60.40	\$60.40	\$62.25	\$1.85
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$44.30	\$44.30	\$44.30	\$44.30	\$45.65	\$1.35
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.70	\$32.70	\$32.70	\$32.70	\$32.70	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.45	\$12.45	\$12.45	\$12.45	\$12.40	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.70	\$41.70	\$41.70	\$41.70	\$41.55	-\$0.15

Source: Energy Information Administration (with permission from SNL), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2009 - March 2018



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending May 17)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	74	9	-3	0	-1	-4
Middle Atlantic	43	-9	-17	3	-1	-3
E N Central	53	-3	21	3	-7	-10
W N Central	44	-6	20	18	6	-3
South Atlantic	1	-19	-19	63	26	12
E S Central	1	-18	-5	51	23	9
W S Central	1	-3	-1	60	7	0
Mountain	46	-17	-9	16	-2	4
Pacific	40	0	-23	1	-6	1
United States	36	-7	-3	25	6	1

Note: HDD = heating degree day; CDD = cooling degree day

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

USGS Production of Selected Mineral Commodities	2017 Year to Date - 4th Quarter	2016 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	967.0	963.0	0%
Cement (Mil. Mt.)	84.3	82.6	2%
Copper (000 Mt.)	1,260.0	1,430.0	-12%
Gold (Mt.)	230.0	222.0	4%
Gypsum (Mil. Mt.)	16.8	16.4	2%
Iron Ore (Mil. Mt.)	47.6	39.9	19%
Lead (000 Mt.)	302.0	336.0	-10%
Molybdenum (000 Mt.)	40.5	35.7	13%
Phosphate rock (Mil. Mt.)	27.1	27.3	-1%
Sand & gravel, construction (Mil. Mt.)	906.0	892.0	2%
Silver (Mt.)	1,030.0	1,150.0	-10%
Soda ash (Mil. Mt.)	12.0	11.8	2%
Stone, crushed (Mil. Mt.)	1,350.0	1,360.0	-1%
Zinc (000 Mt.)	748.0	778.0	-4%

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)



eia Source: Natural Gas Intelligence

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

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	March 2018		March 2017		% Change of Stocks	February 2018		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,486	100	4,583	84	-23.9%	3,338	95	4.4%
	Subbituminous	110	278	145	251	-24.3%	95	206	15.4%
South	Bituminous	22,824	88	31,895	93	-28.4%	22,185	93	2.9%
	Subbituminous	5,824	75	6,222	80	-6.4%	5,060	72	15.1%
Midwest	Bituminous	10,838	84	15,271	97	-29.0%	10,770	87	0.6%
	Subbituminous	33,806	105	43,573	98	-22.4%	32,868	112	2.9%
West	Bituminous	4,763	110	5,937	100	-19.8%	4,831	121	-1.4%
	Subbituminous	26,364	99	31,563	100	-16.5%	24,028	104	9.7%
U.S. Total	Bituminous	42,120	90	57,687	94	-27.0%	41,292	94	2.0%
	Subbituminous	66,104	99	81,503	97	-18.9%	62,051	104	6.5%

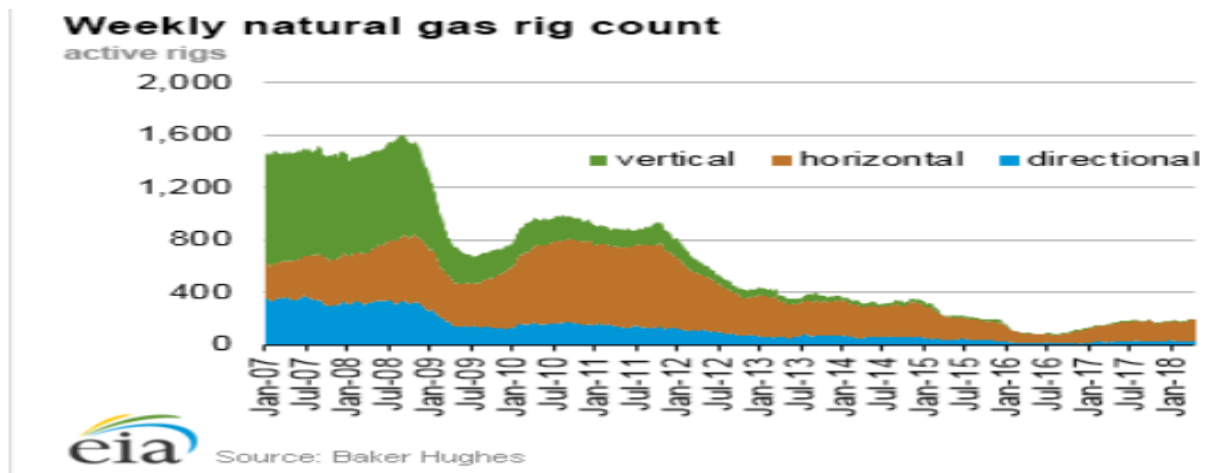
Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2018-05-18	2018-05-11	change
East	299	275	24
Midwest	288	267	21
Mountain	107	98	9
Pacific	213	204	9
South Central	722	694	28
Total	1,629	1,538	91

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

EIA Natural Gas Rig Count



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		
	May 2018	June 2018	change	May 2018	June 2018	change
Anadarko	402	407	5	2,787	2,806	19
Appalachia	145	145	-	15,538	15,704	166
Bakken	1,453	1,463	10	1,688	1,696	8
Eagle Ford	1,479	1,532	53	5,606	5,900	294
Haynesville	24	24	-	8,388	8,444	56
Niobrara	1,182	1,190	8	4,474	4,511	37
Permian	637	639	2	1,190	1,191	1
Total	678	690	12	3,795	3,813	18

Source: Energy Information Administration, *Drilling Productivity Report*