

National Mining Association

Weekly Statistical Summary

June 8, 2018 Edition
(Data for Week Ending June 2, 2018)

Prepared by
National Mining Association



Suite 500 East, 101 Constitution Avenue, NW
Washington, DC, 20001
Phone (202) 463-2600

Visit us at <http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 56, No. 22
Dated 06/08/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/02/18	06/03/17	% Chng	06/02/18	06/02/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,353	14,755	-9.5%	316,365	322,318	-1.8%
52 Weeks Ended	766,247	783,299	-2.2%			
AAR Coal Rail Cars Loaded:	76,242	82,523	-7.6%	1,795,699	1,785,568	0.6%
Coal Production Month Ended - May	May 18/17		% Chng	Jan - May 18/17		% Chng
	62,377	62,110	0.4%	312,626	317,891	-1.7%
DOC Coal Trade (000 Tons)						
Exports:	Apr 18/17			Jan - Apr 18/17		
			% Chng			% Chng
Metallurgical	5,890	4,611	27.7%	20,765	16,782	23.7%
Steam *	5,154	2,590	99.0%	17,464	12,643	38.1%
Lignite	9	5	80.0%	32	25	28.0%
Anthracite	44	33	33.3%	70	110	-36.4%
Total	11,097	7,239	53.3%	38,331	29,560	29.7%
Imports:	494	493	0.2%	1,861	2,408	-22.7%
	Week Ended			Cumulative Week 1 to		
	06/02/18	06/03/17	% Chng	06/02/18	06/03/17	% Chng
EI Electric Total Output (Mil. Kwh)	83,583	74,591	12.1%	1,664,704	1,598,208	4.2%
EI Coal Region Output (Mil. Kwh)	73,647	64,768	13.7%	1,437,926	1,366,892	5.2%
AISI Raw Steel Output (000 Tons)	1,755	1,726	1.7%	38,568	37,850	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)	
	06/01/18	05/25/18	% Chng	Wed.	05/30/18
Central App, 12,500 Btu, 1.2 SO ₂	\$62.25	\$62.25	0.0%	Henry Hub	2.83
Northern App, 13,000 Btu, < 3.0 SO ₂	45.65	45.65	0.0%	New York	2.72
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.66
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.40	12.40	0.0%	Cal.Comp.Avg.	2.43
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.55	41.55	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: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; SNL Energy; NGI's Daily Gas Price Index



NMA
THE AMERICAN RESOURCE

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		
	6/2/2018 (week 22)	5/26/2018 (week 21)	6/3/2017 (week 22)	6/2/2018	6/2/2017	% Change	6/2/2018	6/3/2017	% Change
Alabama	273	292	274	6,075	5,601	8.5	13,051	11,445	14.0
Alaska	17	18	16	361	392	-7.9	926	881	5.1
Arizona	104	117	109	2,468	2,593	-4.8	6,083	5,958	2.1
Arkansas	1	1	1	19	21	-7.4	25	50	-50.0
Colorado	266	316	345	7,068	6,711	5.3	15,359	15,039	2.1
Illinois	922	996	1,014	20,812	21,291	-2.2	47,745	47,105	1.4
Indiana	551	614	602	12,981	13,493	-3.8	30,828	30,956	-0.4
Kentucky Total	724	832	897	17,730	19,057	-7.0	41,214	44,656	-7.7
Eastern (KY)	352	409	423	8,365	8,253	1.4	18,927	18,115	4.5
Western (KY)	373	423	474	9,365	10,803	-13.3	22,287	26,541	-16.0
Louisiana	22	32	37	860	1,270	-32.3	1,664	3,001	-44.6
Maryland	31	35	39	748	715	4.6	1,689	1,760	-4.0
Mississippi	39	50	65	1,099	1,295	-15.1	2,399	3,055	-21.5
Missouri	4	4	5	96	101	-5.2	238	253	-5.9
Montana	659	674	615	13,568	12,466	8.8	36,254	33,744	7.4
New Mexico	247	269	277	5,805	6,097	-4.8	12,870	13,710	-6.1
North Dakota	478	532	519	11,158	11,643	-4.2	28,235	28,762	-1.8
Ohio	137	153	186	3,141	3,852	-18.4	8,602	10,608	-18.9
Oklahoma	9	10	13	205	230	-11.1	534	620	-13.9
Pennsylvania Total	839	947	997	20,489	21,062	-2.7	48,398	50,004	-3.2
Anthracite (PA)	34	37	36	796	830	-4.0	1,845	1,800	2.5
Bituminous (PA)	805	909	961	19,693	20,232	-2.7	46,553	48,204	-3.4
Tennessee	6	7	9	171	232	-26.3	369	587	-37.1
Texas	581	631	663	13,106	14,367	-8.8	34,991	38,271	-8.6
Utah	230	258	268	5,401	5,803	-6.9	13,889	14,230	-2.4
Virginia	229	259	275	5,596	6,054	-7.6	13,212	14,232	-7.2
West Virginia Total	1,709	1,893	1,836	39,529	39,274	0.6	92,779	88,859	4.4
Northern (WV)	763	873	896	18,906	20,271	-6.7	45,304	47,666	-5.0
Southern (WV)	946	1,021	941	20,622	19,004	8.5	47,475	41,193	15.3
Wyoming	5,274	5,889	5,691	127,879	128,699	-0.6	314,895	325,514	-3.3
Appalachian Total	3,576	3,995	4,041	84,113	85,042	-1.1	197,027	195,611	0.7
Interior Total	2,503	2,761	2,874	58,543	62,872	-6.9	140,711	149,851	-6.1
Western Total	7,274	8,073	7,841	173,709	174,404	-0.4	428,509	437,838	-2.1
East of Mississippi River	5,461	6,079	6,195	128,370	131,924	-2.7	300,286	303,266	-1.0
West of Mississippi River	7,891	8,751	8,560	187,995	190,394	-1.3	465,961	480,033	-2.9
Bituminous and Lignite	13,319	14,792	14,718	315,569	321,488	-1.8	764,403	781,499	-2.2
Anthracite	34	37	36	796	830	-4.0	1,845	1,800	2.5
U.S. Total	13,353	14,830	14,755	316,365	322,318	-1.8	766,247	783,299	-2.2
Railroad Cars Loaded	76,242	84,674	82,523	1,795,699	1,785,568	0.6	4,428,958	4,451,355	-0.5

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 22

OUTPUT FOR WEEK ENDED - Jun 02, 2018

Jun 06, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jun 02, 2018** was **83,583** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **199** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 02		52 Weeks Ended June 02	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,200	10.0	120,870	-1.9
Mid-Atlantic	8,391	16.7	432,781	-0.1
Central Industrial	14,243	24.1	673,249	0.4
West Central	7,322	22.8	333,152	1.1
Southeast	21,263	4.0	1,034,229	0.8
South Central	17,245	19.7	746,182	3.0
Rocky Mountain	5,183	-1.9	277,639	-0.1
Pacific Northwest	2,661	0.5	157,561	-0.2
Pacific Southwest	5,075	-1.9	280,776	-0.5
Total United States	83,583	12.1	4,056,438	0.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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
Jun 02	83,583	Jun 03	74,591	12.1	Jun 02	4,056,438	0.8
Jun 02	1,664,704	Jun 03	1,598,208	4.2	YEAR TO DATE, FIRST 22 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
Jun 02	199	Jun 03	174	Jun 04	171

* 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		
	2-Jun 2018 GWh Output	3-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	2-Jun 2018 GWh Output	3-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	2-Jun 2018 GWh Output	3-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,200	2,000	10.0%	49,644	49,359	0.6%	120,870	123,220	-1.9%
Mid-Atlantic	8,391	7,191	16.7%	178,310	170,502	4.6%	432,781	433,318	-0.1%
Central Industrial	14,243	11,477	24.1%	285,927	270,951	5.5%	673,249	670,523	0.4%
West Central	7,322	5,962	22.8%	137,606	130,402	5.5%	333,152	329,625	1.1%
Southeast	21,263	20,450	4.0%	428,522	407,339	5.2%	1,034,229	1,026,360	0.8%
South Central	17,245	14,403	19.7%	300,420	279,882	7.3%	746,182	724,507	3.0%
Rocky Mountain	5,183	5,285	-1.9%	107,141	107,816	-0.6%	277,639	277,970	-0.1%
Pacific Northwest	2,661	2,648	0.5%	70,021	72,000	-2.7%	157,561	157,938	-0.2%
Pacific Southwest	5,075	5,175	-1.9%	107,111	109,957	-2.6%	280,776	282,097	-0.5%
Total United States ^{1/}	83,583	74,591	12.1%	1,664,702	1,598,208	4.2%	4,056,439	4,025,558	0.8%
Coal Regions Only ^{2/}	73,647	64,768	13.7%	1,437,926	1,366,892	5.2%	3,497,232	3,462,303	1.0%

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

June 4, 2018

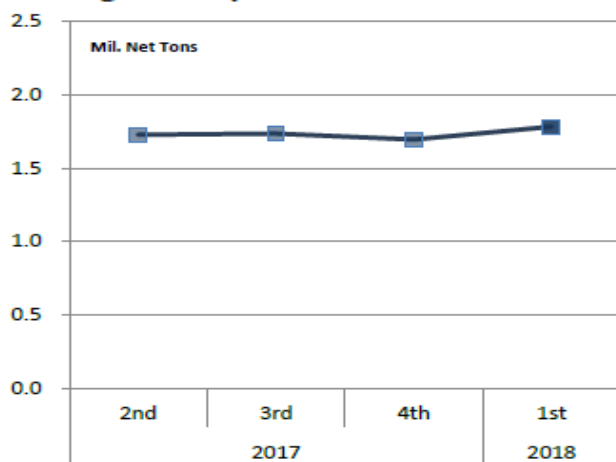
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 June 2</u>	<u>Week Ending May 26</u>	
<u>Week Ending</u>				North East	208	212
				Great Lakes	658	653
June 2, 2018	1,755	-1.9	74.9	Midwest	163	164
June 2, 2017	1,726	1.7	74.0	Southern	655	683
May 26, 2018	1,789	0.8	76.3	Western	<u>71</u>	<u>77</u>
				Total	1,755	1,789
<u>Year-to-Date +</u>						
June 2, 2018	38,568	1.9	75.5			
June 2, 2017	37,850	-	74.3			

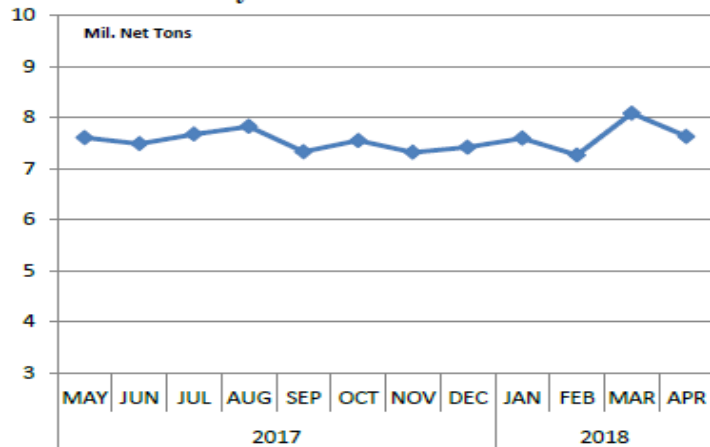
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2018 is approximately 30.5 million net tons vs. 30.3 million net tons for the same period last year, and 30.0 million tons for the first quarter of 2018.

Average Weekly Raw Steel Production



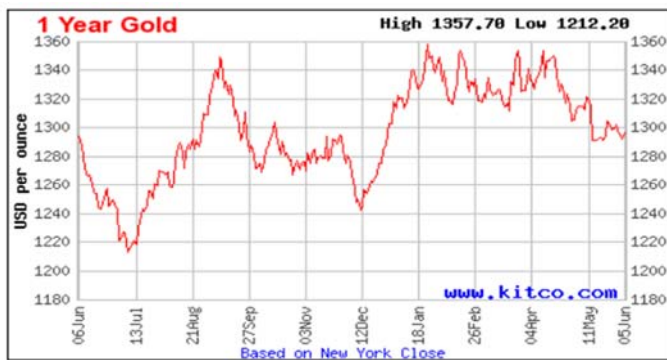
Monthly Raw Steel Production



*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 22, 2018 – Ended June 2, 2018

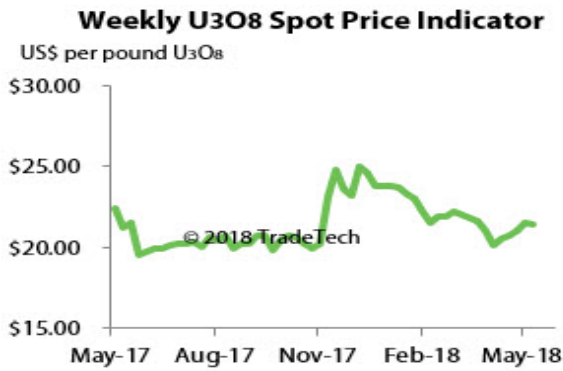
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	252,162	0.2%	5,666,645	257,575	1.2%
Chemicals	31,129	4.7%	712,416	32,383	3.9%
Coal	76,242	-7.7%	1,804,321	82,015	0.4%
Farm Products excl. Grain, and Food	15,692	2.9%	355,054	16,139	0.8%
Forest Products	10,262	3.1%	223,069	10,140	1.5%
Grain	22,537	-1.5%	507,948	23,089	-0.6%
Metallic Ores and Metals	24,617	4.3%	493,552	22,434	1.8%
Motor Vehicles and Parts	15,534	2.2%	369,151	16,780	-3.1%
Nonmetallic Minerals	36,410	4.9%	770,814	35,037	3.9%
Petroleum and Petroleum Products	10,810	17.7%	225,200	10,236	4.5%
Other	8,929	4.8%	205,120	9,324	-3.4%
Total Intermodal Units	257,578	6.3%	5,993,584	272,436	6.0%
Total Traffic	509,740	3.2%	11,660,229	530,010	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.

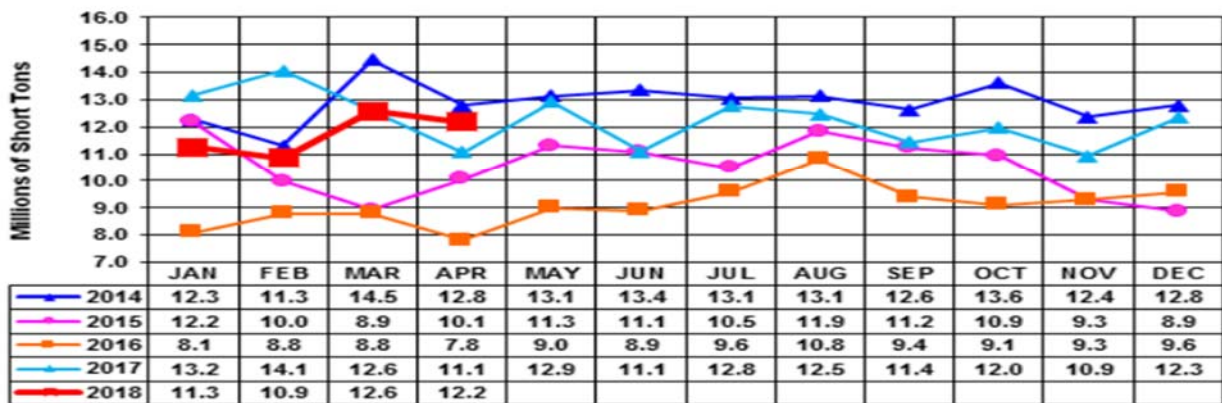
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

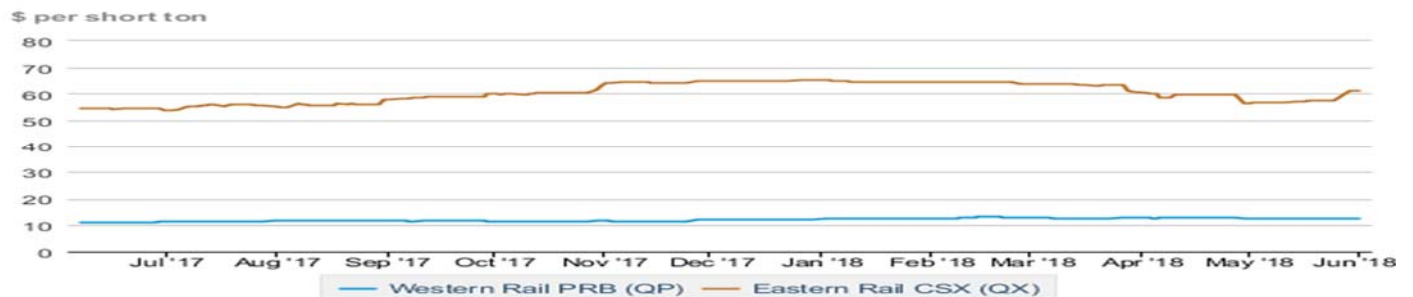
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

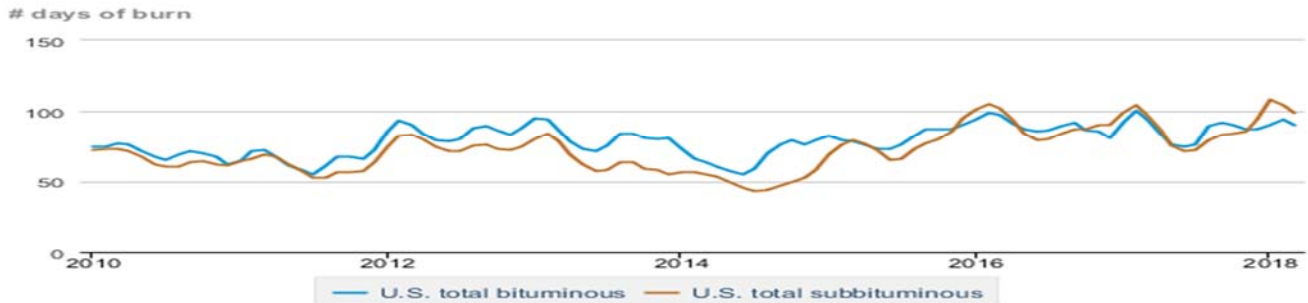
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	05/04/18	05/11/18	05/18/18	05/25/18	06/01/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.40	\$60.40	\$60.40	\$62.25	\$62.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$44.30	\$44.30	\$44.30	\$45.65	\$45.65	\$0.00
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	\$12.40	\$12.40	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.70	\$41.70	\$41.70	\$41.55	\$41.55	\$0.00

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 24)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	48	-2	9	2	0	-17
Middle Atlantic	26	-12	-2	6	-1	-15
E N Central	33	-11	-11	9	-5	-1
W N Central	26	-12	-46	28	10	25
South Atlantic	1	-13	-5	64	18	-4
E S Central	0	-13	-5	62	26	6
W S Central	0	-2	-5	81	16	21
Mountain	38	-14	-35	22	-3	-1
Pacific	31	-2	23	1	-8	-25
United States	24	-9	-7	31	5	-3

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)



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*

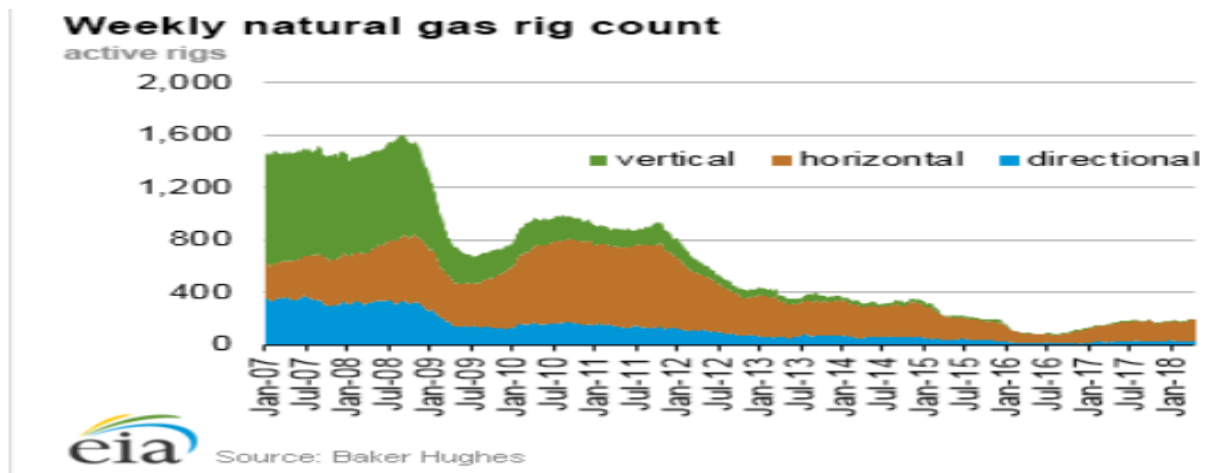
EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-05-25	2018-05-18	change
East	328	299	29
Midwest	315	288	27
Mountain	113	107	6
Pacific	221	213	8
South Central	748	722	26
Total	1,725	1,629	96

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*