

National Mining Association

Weekly Statistical Summary

June 15, 2018 Edition
(Data for Week Ending June 9, 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. 23
Dated 06/15/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/09/18	06/10/17	% Chng	06/09/18	06/09/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,915	15,290	-2.5%	331,280	337,538	-1.9%
52 Weeks Ended	765,872	786,059	-2.6%			
AAR Coal Rail Cars Loaded:	85,160	85,516	-0.4%	1,880,859	1,870,692	0.5%
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		
	06/09/18	06/10/17	% Chng	06/09/18	06/10/17	% Chng
EI Electric Total Output (Mil. Kwh)	81,822	77,385	5.7%	1,746,525	1,675,593	4.2%
EI Coal Region Output (Mil. Kwh)	71,682	67,235	6.6%	1,509,608	1,434,127	5.3%
AISI Raw Steel Output (000 Tons)	1,753	1,747	0.3%	40,321	39,597	1.8%

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)	
	06/08/18	06/01/18	% Chng	Wed.	06/06/18
Central App, 12,500 Btu, 1.2 SO ₂	\$64.15	\$62.25	3.1%	Henry Hub	2.85
Northern App, 13,000 Btu, < 3.0 SO ₂	47.05	45.65	3.1%	New York	2.67
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.67
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.35	12.40	-0.4%	Cal.Comp.Avg.	2.62
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.40	41.55	-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		
	6/9/2018 (week 23)	6/2/2018 (week 22)	6/10/2017 (week 23)	6/9/2018	6/9/2017	% Change	6/9/2018	6/10/2017	% Change
Alabama	275	273	284	6,349	5,884	7.9	13,042	11,548	12.9
Alaska	17	17	16	379	409	-7.3	927	879	5.5
Arizona	116	104	113	2,584	2,705	-4.5	6,085	5,975	1.8
Arkansas	1	1	1	21	22	-8.3	24	50	-52.0
Colorado	330	266	357	7,398	7,066	4.7	15,331	15,157	1.1
Illinois	957	922	1,051	21,769	22,336	-2.5	47,652	47,287	0.8
Indiana	611	551	623	13,593	14,114	-3.7	30,816	31,036	-0.7
Kentucky Total	846	724	929	18,576	19,981	-7.0	41,131	44,808	-8.2
Eastern (KY)	423	352	438	8,788	8,690	1.1	18,912	18,245	3.7
Western (KY)	423	373	491	9,787	11,292	-13.3	22,218	26,564	-16.4
Louisiana	31	22	38	891	1,308	-31.9	1,657	2,985	-44.5
Maryland	37	31	41	784	756	3.8	1,685	1,778	-5.2
Mississippi	53	39	68	1,151	1,362	-15.5	2,384	3,078	-22.5
Missouri	5	4	5	100	106	-5.4	238	253	-5.9
Montana	662	659	637	14,231	13,101	8.6	36,279	33,898	7.0
New Mexico	258	247	287	6,063	6,383	-5.0	12,841	13,805	-7.0
North Dakota	539	478	538	11,697	12,179	-4.0	28,235	28,797	-2.0
Ohio	154	137	193	3,296	4,044	-18.5	8,563	10,551	-18.8
Oklahoma	11	9	13	216	244	-11.6	531	621	-14.5
Pennsylvania Total	955	839	1,033	21,445	22,090	-2.9	48,320	50,160	-3.7
Anthracite (PA)	36	34	38	832	867	-4.1	1,843	1,804	2.2
Bituminous (PA)	920	805	996	20,613	21,223	-2.9	46,477	48,356	-3.9
Tennessee	7	6	10	178	241	-26.1	367	586	-37.4
Texas	626	581	687	13,732	15,051	-8.8	34,930	38,271	-8.7
Utah	259	230	278	5,660	6,080	-6.9	13,870	14,219	-2.5
Virginia	261	229	285	5,857	6,338	-7.6	13,187	14,258	-7.5
West Virginia Total	1,873	1,709	1,903	41,401	41,168	0.6	92,750	89,294	3.9
Northern (WV)	874	763	928	19,781	21,194	-6.7	45,251	47,818	-5.4
Southern (WV)	998	946	975	21,621	19,974	8.2	47,499	41,477	14.5
Wyoming	6,031	5,274	5,898	133,910	134,570	-0.5	315,028	326,763	-3.6
Appalachian Total	3,985	3,576	4,187	88,099	89,210	-1.2	196,826	196,420	0.2
Interior Total	2,717	2,503	2,978	61,260	65,836	-7.0	140,450	150,145	-6.5
Western Total	8,212	7,274	8,125	181,921	182,492	-0.3	428,597	439,493	-2.5
East of Mississippi River	6,029	5,461	6,420	134,399	138,314	-2.8	299,895	304,385	-1.5
West of Mississippi River	8,886	7,891	8,870	196,881	199,224	-1.2	465,977	481,673	-3.3
Bituminous and Lignite	14,879	13,319	15,252	330,448	336,671	-1.8	764,029	784,253	-2.6
Anthracite	36	34	38	832	867	-4.1	1,843	1,804	2.2
U.S. Total	14,915	13,353	15,290	331,280	337,538	-1.9	765,872	786,058	-2.6
Railroad Cars Loaded	85,160	76,242	85,516	1,880,859	1,870,692	0.5	4,428,602	4,468,863	-0.9

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 23

OUTPUT FOR WEEK ENDED - Jun 09, 2018

Jun 13, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 09, 2018 was 81,822 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 189 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended June 09		52 Weeks Ended June 09	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,045	-3.0	120,806	-1.8
Mid-Atlantic	7,650	2.3	432,950	0.1
Central Industrial	12,699	-1.1	673,103	0.4
West Central	6,591	-3.2	332,937	1.0
Southeast	21,819	11.2	1,036,430	1.1
South Central	17,160	15.8	748,520	3.4
Rocky Mountain	5,763	1.7	277,738	0.0
Pacific Northwest	2,691	1.3	157,595	-0.1
Pacific Southwest	5,404	0.4	280,796	-0.3
Total United States	81,822	5.7	4,060,875	1.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 09	81,822	Jun 10	77,385	5.7	Jun 09	4,060,875	1.0
Jun 09	1,746,525	Jun 10	1,675,593	4.2	YEAR TO DATE, FIRST 23 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
Jun 09	189	Jun 10	175	Jun 11	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		
	9-Jun 2018 GWh Output	10-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	9-Jun 2018 GWh Output	10-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	9-Jun 2018 GWh Output	10-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,045	2,109	-3.0%	51,689	51,468	0.4%	120,806	123,083	-1.8%
Mid-Atlantic	7,650	7,481	2.3%	185,960	177,983	4.5%	432,950	432,593	0.1%
Central Industrial	12,699	12,845	-1.1%	298,626	283,796	5.2%	673,103	670,123	0.4%
West Central	6,591	6,806	-3.2%	144,197	137,208	5.1%	332,937	329,754	1.0%
Southeast	21,819	19,617	11.2%	450,341	426,956	5.5%	1,036,430	1,024,812	1.1%
South Central	17,160	14,822	15.8%	317,580	294,704	7.8%	748,520	724,148	3.4%
Rocky Mountain	5,763	5,664	1.7%	112,904	113,480	-0.5%	277,738	277,747	0.0%
Pacific Northwest	2,691	2,657	1.3%	72,712	74,657	-2.6%	157,595	157,828	-0.1%
Pacific Southwest	5,404	5,384	0.4%	112,515	115,341	-2.5%	280,796	281,778	-0.3%
Total United States ^{1/}	81,822	77,385	5.7%	1,746,524	1,675,593	4.2%	4,060,875	4,021,866	1.0%
Coal Regions Only ^{2/}	71,682	67,235	6.6%	1,509,608	1,434,127	5.3%	3,501,678	3,459,177	1.2%

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 11, 2018

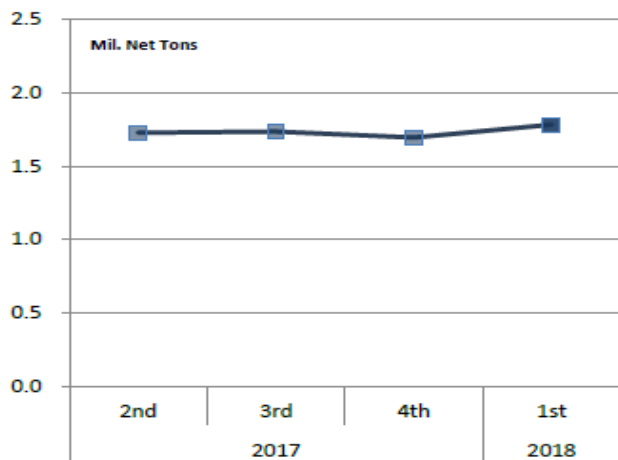
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 9</u>	<u>Week Ending June 2</u>	
<u>Week Ending</u>				North East	201	208
				Great Lakes	655	658
June 9, 2018	1,753	-0.1	74.8	Midwest	178	163
June 9, 2017	1,747	0.3	74.9	Southern	645	655
June 2, 2018	1,755	-1.9	74.9	Western	74	71
				Total	1,753	1,755
<u>Year-to-Date +</u>						
June 9, 2018	40,321	1.8	75.5			
June 9, 2017	39,597	-	74.4			

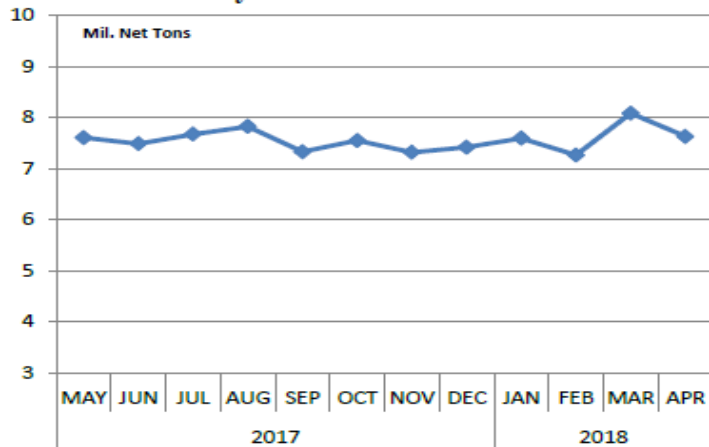
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



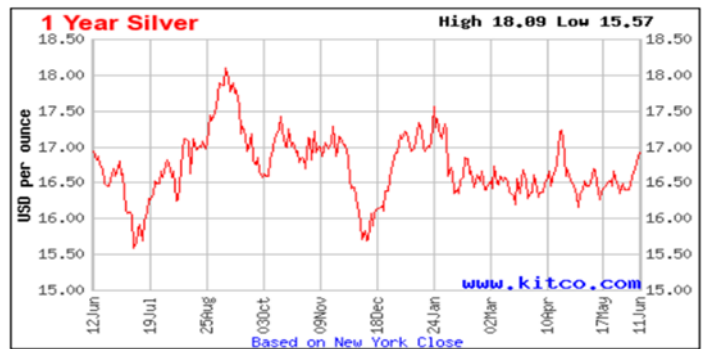
Monthly Raw Steel Production



*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 23, 2018 – Ended June 9, 2018

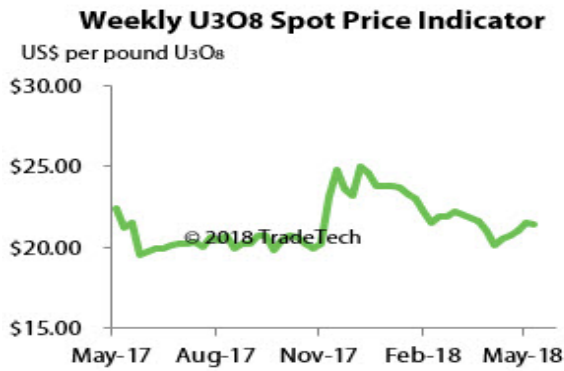
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	271,641	2.8%	5,938,286	258,186	1.3%
Chemicals	31,662	1.1%	744,078	32,351	3.8%
Coal	85,160	-0.3%	1,889,481	82,151	0.4%
Farm Products excl. Grain, and Food	16,950	7.2%	372,004	16,174	1.0%
Forest Products	10,328	-2.4%	233,397	10,148	1.3%
Grain	23,347	3.9%	531,295	23,100	-0.4%
Metallic Ores and Metals	24,350	10.3%	517,902	22,517	2.2%
Motor Vehicles and Parts	18,006	1.3%	387,157	16,833	-2.9%
Nonmetallic Minerals	40,741	5.9%	811,555	35,285	4.0%
Petroleum and Petroleum Products	11,008	14.7%	236,208	10,270	4.9%
Other	10,089	-5.7%	215,209	9,357	-3.5%
Total Intermodal Units	289,420	5.6%	6,283,004	273,174	5.9%
Total Traffic	561,061	4.2%	12,221,290	531,360	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.

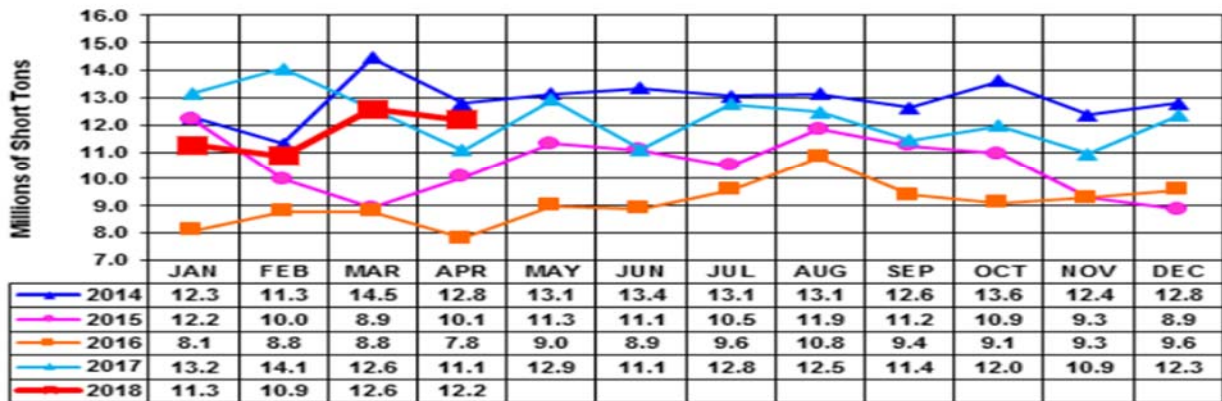
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

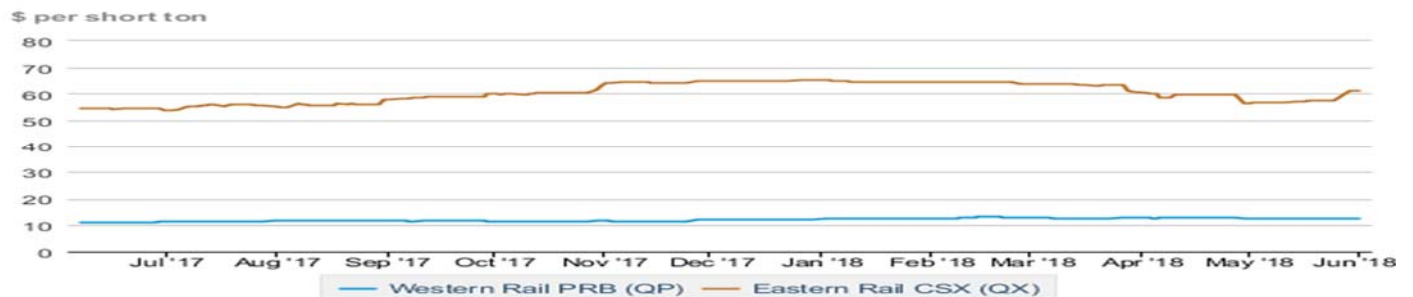
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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.

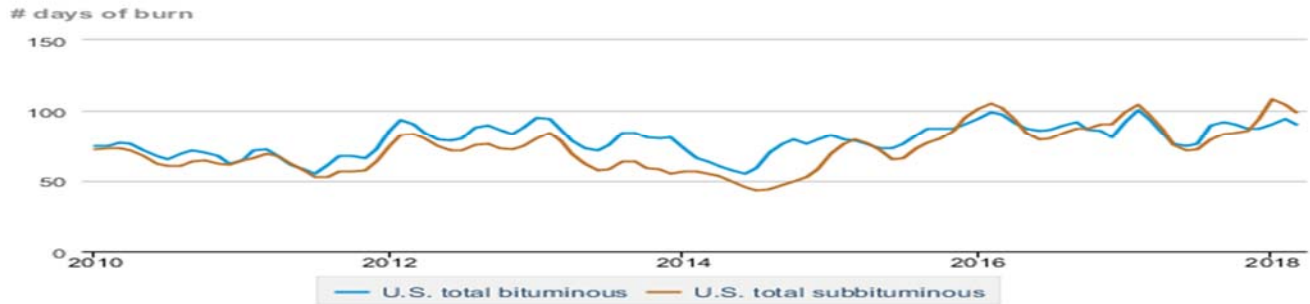
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	05/11/18	05/18/18	05/25/18	06/01/18	06/08/18	
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$60.40	\$60.40	\$62.25	\$62.25	\$64.15	\$1.90
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$44.30	\$44.30	\$45.65	\$45.65	\$47.05	\$1.40
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$32.70	\$32.70	\$32.70	\$32.70	\$32.70	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$12.45	\$12.45	\$12.40	\$12.40	\$12.35	\$-0.05
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$41.70	\$41.70	\$41.55	\$41.55	\$41.40	\$-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 31)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	17	-19	-42	15	11	15
Middle Atlantic	2	-25	-26	35	24	35
E N Central	0	-32	-24	79	60	73
W N Central	0	-28	-30	81	56	68
South Atlantic	0	-9	-4	77	23	17
E S Central	0	-9	-6	80	35	34
W S Central	0	-1	-1	116	42	34
Mountain	11	-30	-24	39	7	3
Pacific	27	-1	14	5	-7	1
United States	7	-18	-14	60	28	32

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

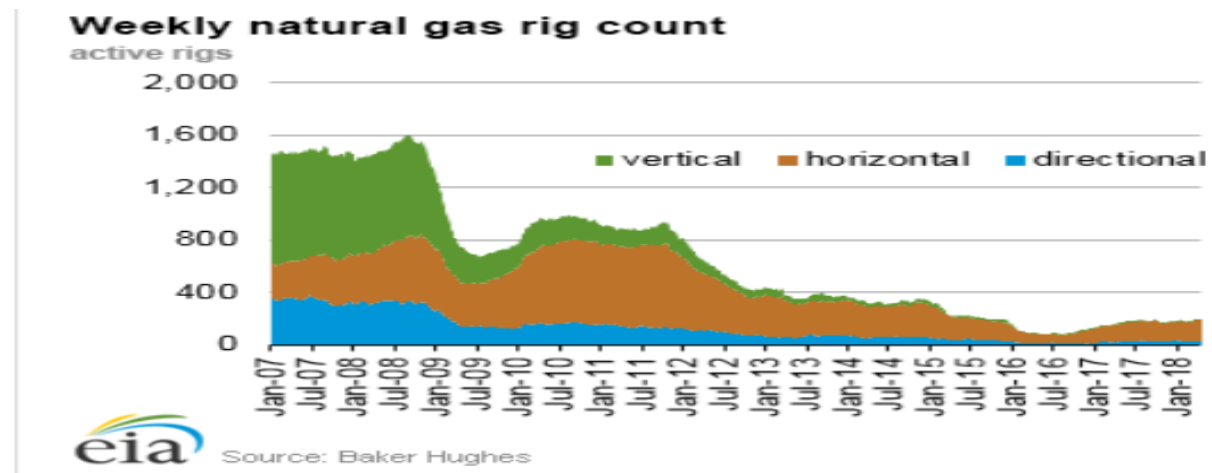
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-06-01	2018-05-25	change
East	351	328	23
Midwest	341	315	26
Mountain	121	113	8
Pacific	231	221	10
South Central	773	748	25
Total	1,817	1,725	92

Source: U.S. Energy Information Administration

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*