

National Mining Association

Weekly Statistical Summary

July 20, 2018 Edition
(Data for Week Ending July 14, 2018)

Prepared by
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NMA Weekly Statistical Summary

Vol. 56, No. 28
Dated 07/20/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/14/18	07/15/17	% Chng	07/14/18	07/14/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,476	14,375	0.7%	398,457	410,957	-3.0%
52 Weeks Ended	759,750	791,201	-4.0%			
AAR Coal Rail Cars Loaded:	84,511	86,548	-2.4%	2,293,688	2,294,828	0.0%
Coal Production						
Month Ended - June	June 18/17		% Chng	Jan - June 18/17		% Chng
	62,746	66,223	-5.3%	375,372	384,115	-2.3%
DOC Coal Trade (000 Tons)						
Exports:						
	May 18/17		% Chng	Jan - May 18/17		% Chng
Metallurgical	5,575	4,563	22.2%	26,340	21,345	23.4%
Steam *	4,053	2,660	52.4%	21,516	15,303	40.6%
Lignite r/	7	6	16.7%	39	31	25.8%
Anthracite	14	17	-17.6%	84	127	-33.9%
Total	9,649	7,246	33.2%	47,979	36,806	30.4%
Imports:						
	544	1,053	-48.3%	2,405	3,461	-30.5%
Week Ended						
	07/14/18	07/15/17	% Chng	Cumulative Week 1 to		
				07/14/18	07/15/17	% Chng
EI Electric Total Output (Mil. Kwh)	91,064	90,927	0.2%	2,191,389	2,111,715	3.8%
EI Coal Region Output (Mil. Kwh)	78,741	78,760	0.0%	1,898,547	1,812,089	4.8%
AISI Raw Steel Output (000 Tons)	1,783	1,733	2.9%	49,705	48,304	2.9%

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)	
	07/13/18	07/06/18	% Chng	Wed.	07/11/18
Central App, 12,500 Btu, 1.2 SO ₂	\$69.15	\$69.15	0.0%	Henry Hub	2.84
Northern App, 13,000 Btu, < 3.0 SO ₂	51.50	51.50	0.0%	New York	2.92
Illinois Basin, 11,800, 5.0 SO ₂	32.95	32.95	0.0%	Chicago	2.75
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.05	13.05	0.0%	Cal.Comp.Avg.	3.00
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.45	41.45	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. r/ revised.

Sources: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; SNL Energy; NGI's Daily Gas Price Index



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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		
	7/14/2018 (week 28)	7/7/2018 (week 27)	7/15/2017 (week 28)	7/14/2018	7/14/2017	% Change	7/14/2018	7/15/2017	% Change
Alabama	252	233	205	7,967	7,182	10.9	13,464	11,897	13.2
Alaska	20	17	17	496	491	1.0	962	872	10.3
Arizona	122	103	101	3,187	3,238	-1.6	6,157	5,985	2.9
Arkansas	1	1	.	15	27	-43.8	15	48	-68.8
Colorado	263	235	231	7,682	8,585	-10.5	14,113	15,411	-8.4
Illinois	896	822	833	26,608	27,091	-1.8	47,765	47,566	0.4
Indiana	591	535	567	17,193	16,964	1.4	31,464	31,023	1.4
Kentucky Total	708	657	714	21,544	23,906	-9.9	39,736	44,627	-11.0
Eastern (KY)	342	315	304	9,868	10,412	-5.2	17,980	18,352	-2.0
Western (KY)	366	342	409	11,676	13,494	-13.5	21,756	26,275	-17.2
Louisiana	23	17	12	635	1,448	-56.1	1,265	2,843	-55.5
Maryland	27	26	32	812	936	-13.3	1,531	1,828	-16.2
Mississippi	36	33	33	1,315	1,630	-19.3	2,284	3,090	-26.1
Missouri	5	4	5	129	130	-0.9	243	250	-2.8
Montana	783	704	766	18,995	16,473	15.3	37,654	34,511	9.1
New Mexico	200	181	233	5,709	7,692	-25.8	11,185	14,072	-20.5
North Dakota	560	504	547	15,223	14,839	2.6	29,100	28,789	1.1
Ohio	174	151	174	4,673	5,014	-6.8	9,133	10,231	-10.7
Oklahoma	11	9	10	264	464	-43.2	523	774	-32.4
Pennsylvania Total	884	799	856	25,174	26,828	-6.2	47,319	50,287	-5.9
Anthracite (PA)	30	28	30	810	1,039	-22.0	1,651	1,806	-8.6
Bituminous (PA)	853	770	826	24,363	25,789	-5.5	45,668	48,480	-5.8
Tennessee	5	5	7	157	283	-44.7	304	568	-46.5
Texas	647	571	681	15,135	18,415	-17.8	32,969	37,938	-13.1
Utah	290	248	240	7,366	7,375	-0.1	14,286	14,041	1.7
Virginia	235	215	240	7,006	7,651	-8.4	13,003	14,209	-8.5
West Virginia Total	1,796	1,607	1,581	49,996	49,973	s	92,712	90,257	2.7
Northern (WV)	832	725	762	23,381	25,449	-8.1	44,627	47,857	-6.7
Southern (WV)	964	882	820	26,615	24,524	8.5	48,085	42,400	13.4
Wyoming	5,947	5,273	6,292	161,177	164,285	-1.9	312,529	330,048	-5.3
Appalachian Total	3,715	3,351	3,398	105,652	108,280	-2.4	195,445	197,629	-1.1
Interior Total	2,575	2,335	2,549	72,970	79,663	-8.4	138,283	149,807	-7.7
Western Total	8,185	7,265	8,426	219,834	222,977	-1.4	425,986	443,729	-4.0
East of Mississippi River	5,604	5,083	5,240	162,444	167,459	-3.0	298,713	305,582	-2.2
West of Mississippi River	8,871	7,868	9,133	236,012	243,461	-3.1	461,001	485,582	-5.1
Bituminous and Lignite	14,446	12,922	14,344	397,647	409,918	-3.0	758,099	789,395	-4.0
Anthracite	30	28	30	810	1,039	-22.0	1,651	1,806	-8.6
U.S. Total	14,476	12,951	14,375	398,457	410,957	-3.0	759,750	791,201	-4.0
Railroad Cars Loaded	84,511	76,562	86,548	2,293,688	2,294,828	s	4,417,162	4,514,382	-2.2

Source: EIA



Weekly Electric Output

Volume 86 No. 28

OUTPUT FOR WEEK ENDED - Jul 14, 2018

Jul 18, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jul 14, 2018 was 91,064 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 191 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended July 14		52 Weeks Ended July 14	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,564	0.3	120,589	-2.0
Mid-Atlantic	9,592	-3.3	432,321	-0.3
Central Industrial	14,999	6.3	676,675	1.0
West Central	7,942	5.7	335,287	2.0
Southeast	22,443	-3.8	1,039,705	1.7
South Central	17,234	-0.1	751,722	4.1
Rocky Mountain	6,531	-1.3	276,945	-0.7
Pacific Northwest	2,849	1.5	157,353	-0.7
Pacific Southwest	6,910	1.6	279,019	-1.2
Total United States	91,064	0.2	4,069,617	1.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Jun 23	87,347	Jun 24	87,167	0.2	Jun 23	4,057,926	0.9
Jun 30	89,162	Jul 01	82,260	8.4	Jun 30	4,064,828	1.1
Jul 07	92,272	Jul 08	87,622	5.3	Jul 07	4,069,479	1.3
Jul 14	91,064	Jul 15	90,927	0.2	Jul 14	4,069,616	1.3
Jul 14	2,191,389	Jul 15	2,111,715	3.8	YEAR TO DATE, FIRST 28 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
Jun 23	191	Jun 24	188	Jun 25	178
Jun 30	191	Jul 01	172	Jul 02	178
Jul 07	200	Jul 08	188	Jul 09	174
Jul 14	191	Jul 15	188	Jul 16	169

* 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		
	14-Jul 2018 GWh Output	15-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017	14-Jul 2018 GWh Output	15-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017	14-Jul 2018 GWh Output	15-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,564	2,556	0.3%	64,183	64,179	0.0%	120,589	123,085	-2.0%
Mid-Atlantic	9,592	9,920	-3.3%	232,717	225,370	3.3%	432,321	433,505	-0.3%
Central Industrial	14,999	14,115	6.3%	372,399	353,997	5.2%	676,675	669,648	1.0%
West Central	7,942	7,516	5.7%	181,687	172,346	5.4%	335,287	328,606	2.0%
Southeast	22,443	23,331	-3.8%	563,224	536,566	5.0%	1,039,705	1,022,115	1.7%
South Central	17,234	17,260	-0.2%	404,885	378,806	6.9%	751,722	722,216	4.1%
Rocky Mountain	6,531	6,618	-1.3%	143,635	145,004	-0.9%	276,945	278,892	-0.7%
Pacific Northwest	2,849	2,808	1.5%	86,212	88,400	-2.5%	157,353	158,478	-0.7%
Pacific Southwest	6,910	6,803	1.6%	142,445	147,048	-3.1%	279,019	282,528	-1.2%
Total United States ^{1/}	91,064	90,927	0.2%	2,191,387	2,111,716	3.8%	4,069,616	4,019,073	1.3%
Coal Regions Only ^{2/}	78,741	78,760	0.0%	1,898,547	1,812,089	4.8%	3,512,655	3,454,982	1.7%

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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July 16, 2018

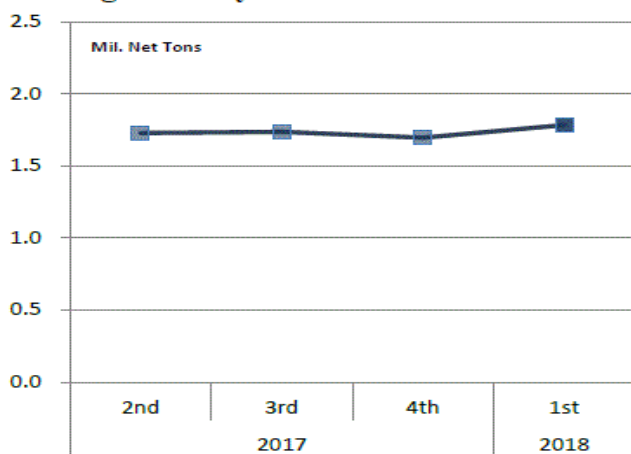
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>July 14</u>	<u>July 7</u>	
<u>Week Ending</u>				North East	207	209
				Great Lakes	666	679
July 14, 2018	1,783	-0.5	76.1	Midwest	179	189
July 14, 2017	1,733	2.9	74.3	Southern	658	639
July 7, 2018	1,792	0.6	76.4	Western	<u>73</u>	<u>76</u>
				Total	1,783	1,792
<u>Year-to-Date +</u>						
July 14, 2018	49,705	2.9	76.3			
July 14, 2017	48,304	-	74.4			

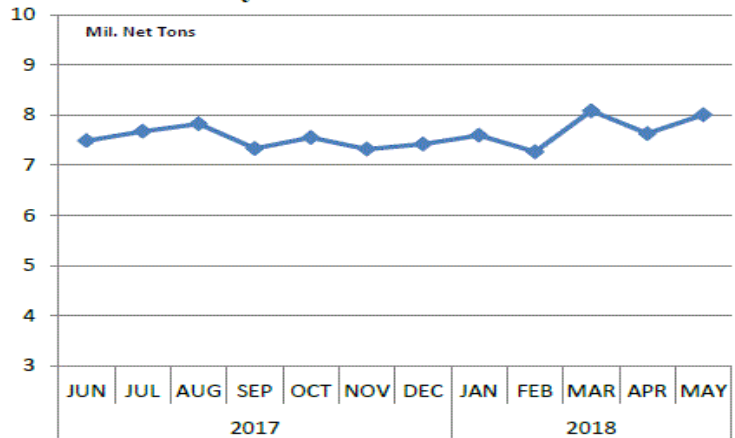
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 third quarter 2018 is approximately 30.8 million net tons vs. 30.6 million net tons for the same period last year, and 30.5 million tons for the second quarter of 2018.

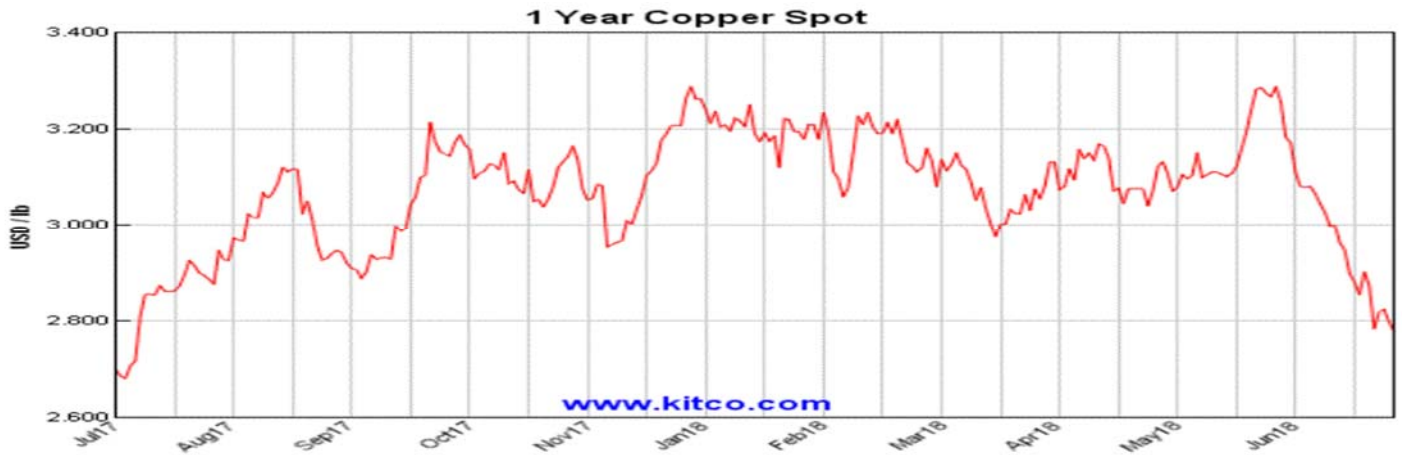
Average Weekly Raw Steel Production



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 28, 2018 – Ended July 14, 2018

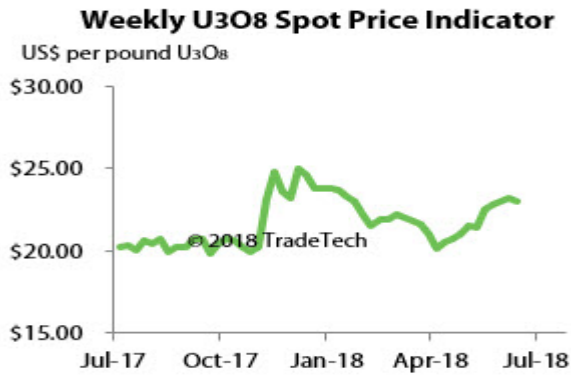
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	271,207	3.8%	7,259,135	259,255	1.5%
Chemicals	32,742	5.3%	904,672	32,310	3.9%
Coal	84,511	-2.2%	2,302,312	82,225	-0.2%
Farm Products excl. Grain, and Food	16,353	-1.0%	452,574	16,163	1.5%
Forest Products	10,844	6.3%	286,289	10,225	1.9%
Grain	24,779	8.7%	647,996	23,143	1.1%
Metallic Ores and Metals	25,178	8.3%	640,272	22,867	2.9%
Motor Vehicles and Parts	15,076	22.5%	464,621	16,594	-1.7%
Nonmetallic Minerals	39,383	0.2%	1,003,193	35,828	3.7%
Petroleum and Petroleum Products	11,950	27.9%	292,400	10,443	7.9%
Other	10,391	4.4%	264,806	9,457	-2.6%
Total Intermodal Units	287,857	6.1%	7,686,093	274,503	6.2%
Total Traffic	559,064	5.0%	14,945,228	533,758	3.9%

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.

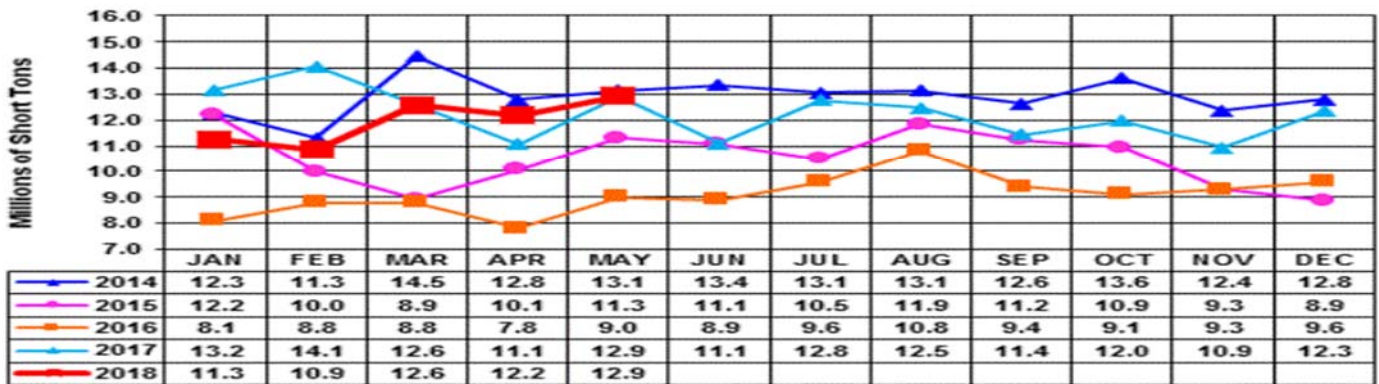
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



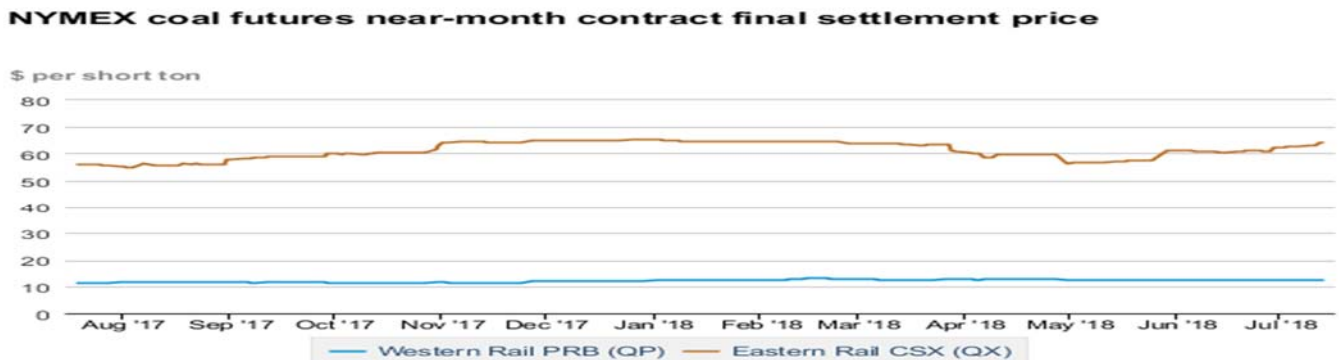
Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Ux Consulting Co., LLC – <http://www.uxc.com>

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



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
	06/15/18	06/22/18	06/29/18	07/06/18	07/13/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$64.15	\$66.10	\$66.10	\$69.15	\$69.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$47.05	\$48.50	\$48.50	\$51.50	\$51.50	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.70	\$32.70	\$32.70	\$32.95	\$32.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.35	\$12.35	\$12.35	\$13.05	\$13.05	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.40	\$41.25	\$41.25	\$41.45	\$41.45	\$0.00

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

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



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 05)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-2	-1	94	63	44
Middle Atlantic	0	-1	0	104	57	39
E N Central	0	-1	-1	102	53	49
W N Central	0	-4	-1	91	28	34
South Atlantic	0	0	0	111	20	8
E S Central	0	0	0	114	27	26
W S Central	0	0	0	136	19	15
Mountain	3	-7	1	77	6	-10
Pacific	3	-3	3	37	1	-9
United States	1	-2	0	96	30	21

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

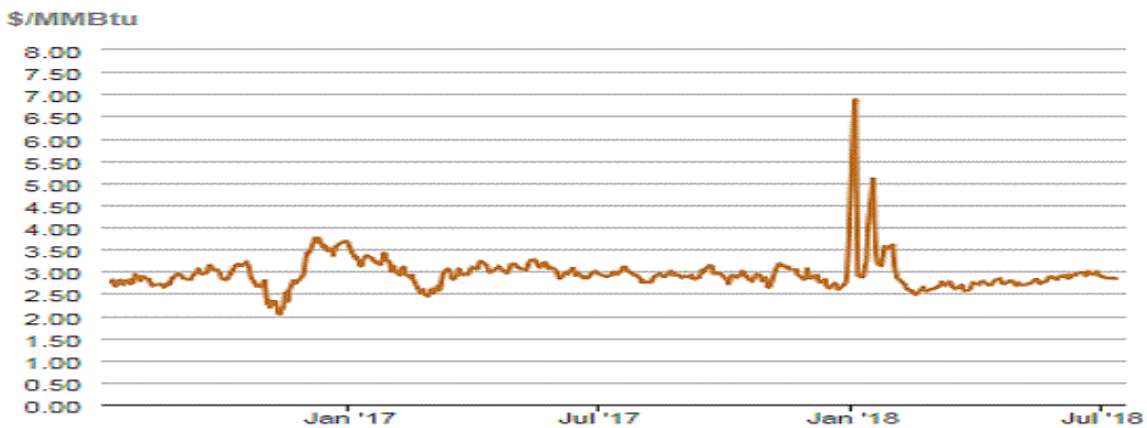
Source: National Oceanic and Atmospheric Administration

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: Natural Gas Intelligence

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

Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	April 2018		April 2017		% Change of Stocks	March 2018	
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn
Northeast	Bituminous	3,332	88	4,712	81	-29.3%	3,486	100
	Subbituminous	79	233	145	226	-45.2%	110	278
South	Bituminous	23,749	78	32,491	82	-26.9%	22,824	88
	Subbituminous	7,259	75	6,518	71	11.4%	5,824	75
Midwest	Bituminous	10,838	76	15,357	89	-29.4%	10,838	84
	Subbituminous	33,992	95	43,634	88	-22.1%	33,806	105
West	Bituminous	4,976	102	5,924	90	-16.0%	4,763	110
	Subbituminous	27,300	88	32,205	89	-15.2%	26,364	99
U.S. Total	Bituminous	42,985	80	58,484	84	-26.5%	42,120	90
	Subbituminous	68,631	90	82,501	87	-16.8%	66,104	99

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

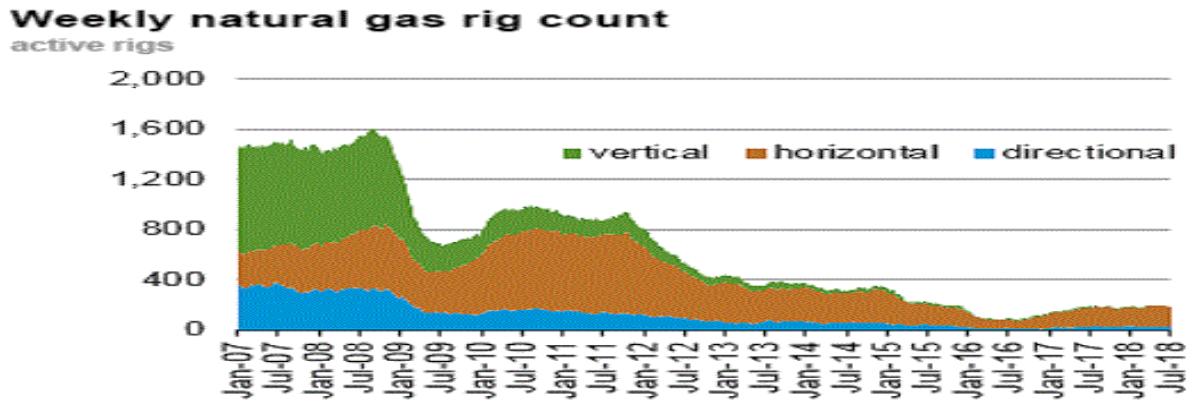
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2018-06-22	2018-06-15	change
East	430	406	24
Midwest	425	401	24
Mountain	133	127	6
Pacific	251	246	5
South Central	835	828 R	7
Total	2,074	2,008 R	66

Source: U.S. Energy Information Administration
R=Revised.

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

EIA Natural Gas Rig Count



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		
	July 2018	August 2018	change	July 2018	August 2018	change
Anadarko	416	419	3	2,852	2,875	23
Appalachia	145	145	-	15,770	15,914	144
Bakken	1,469	1,476	7	1,752	1,778	26
Eagle Ford	1,482	1,502	20	5,534	5,663	129
Haynesville	25	25	-	8,512	8,585	73
Niobrara	1,223	1,228	5	4,543	4,578	35
Permian	623	623	-	1,206	1,206	-
Total	678	686	8	3,772	3,747	(25)

Source: Energy Information Administration, *Drilling Productivity Report*