

National Mining Association

Weekly Statistical Summary

July 6, 2018 Edition
(Data for Week Ending June 30, 2018)

Prepared by
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NMA Weekly Statistical Summary

Vol. 56, No. 26
Dated 07/06/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/30/18	07/01/17	% Chng	06/30/18	06/30/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,574	15,544	-6.2%	375,372	384,115	-2.3%
52 Weeks Ended	763,481	790,824	-3.5%			
AAR Coal Rail Cars Loaded:	83,214	87,750	-5.2%	2,132,617	2,131,193	0.1%
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:	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		
	06/30/18	07/01/17	% Chng	06/30/18	07/01/17	% Chng
EI Electric Total Output (Mil. Kwh)	89,162	82,260	8.4%	2,008,051	1,933,166	3.9%
EI Coal Region Output (Mil. Kwh)	78,246	70,809	10.5%	1,739,167	1,657,270	4.9%
AISI Raw Steel Output (000 Tons)	1,781	1,747	1.9%	45,614	44,839	1.7%

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)	
	06/29/18	06/22/18	% Chng	Wed.	06/27/18
Central App, 12,500 Btu, 1.2 SO ₂	\$66.10	\$66.10	0.0%	Henry Hub	3.00
Northern App, 13,000 Btu, < 3.0 SO ₂	48.50	48.50	0.0%	New York	3.02
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.83
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.35	12.35	0.0%	Cal.Comp.Avg.	2.45
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.25	41.25	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



Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	6/30/2018 (week 26)	6/23/2018 (week 25)	7/1/2017 (week 26)	6/30/2018	6/30/2017	% Change	6/30/2018	7/1/2017	% Change
Alabama	269	298	280	7,211	6,749	6.8	13,048	11,801	10.6
Alaska	17	18	17	432	458	-5.6	931	870	7.0
Arizona	113	113	114	2,928	3,050	-4.0	6,086	5,997	1.5
Arkansas	1	1	1	24	27	-11.2	24	50	-52.0
Colorado	322	290	349	8,330	8,155	2.1	15,191	15,430	-1.5
Illinois	935	1,004	1,048	24,714	25,536	-3.2	47,423	47,570	-0.3
Indiana	597	600	631	15,411	16,013	-3.8	30,742	31,123	-1.2
Kentucky Total	827	788	925	21,031	22,812	-7.8	40,781	45,028	-9.4
Eastern (KY)	414	383	432	9,998	10,025	-0.3	18,803	18,534	1.5
Western (KY)	413	406	493	11,034	12,787	-13.7	21,978	26,494	-17.0
Louisiana	30	24	36	978	1,425	-31.4	1,630	2,918	-44.1
Maryland	36	34	41	890	880	1.1	1,667	1,826	-8.7
Mississippi	51	43	65	1,296	1,568	-17.4	2,326	3,128	-25.6
Missouri	4	4	5	114	122	-6.4	236	251	-6.0
Montana	647	717	670	16,275	15,043	8.2	36,364	34,247	6.2
New Mexico	252	269	287	6,856	7,257	-5.5	12,766	14,035	-9.0
North Dakota	526	521	552	13,281	13,818	-3.9	28,179	28,762	-2.0
Ohio	151	149	194	3,750	4,632	-19.1	8,432	10,302	-18.2
Oklahoma	10	10	13	246	284	-13.5	522	618	-15.5
Pennsylvania Total	934	913	1,035	24,248	25,238	-3.9	47,997	50,368	-4.7
Anthracite (PA)	35	37	38	942	982	-4.1	1,839	1,808	1.7
Bituminous (PA)	899	876	998	23,306	24,256	-3.9	46,158	48,560	-4.9
Tennessee	7	7	10	200	271	-26.3	359	578	-37.9
Texas	612	633	703	15,614	17,144	-8.9	34,718	38,077	-8.8
Utah	253	250	280	6,424	6,927	-7.3	13,791	14,100	-2.2
Virginia	255	250	286	6,623	7,206	-8.1	13,090	14,258	-8.2
West Virginia Total	1,830	1,861	1,906	47,004	46,964	0.1	92,596	90,168	2.7
Northern (WV)	854	831	929	22,347	24,021	-7.0	45,011	48,041	-6.3
Southern (WV)	975	1,030	978	24,657	22,943	7.5	47,585	42,126	13.0
Wyoming	5,893	5,742	6,094	151,494	152,535	-0.7	314,583	329,318	-4.5
Appalachian Total	3,894	3,893	4,185	99,923	101,965	-2.0	195,992	197,835	-0.9
Interior Total	2,655	2,725	2,995	69,429	74,907	-7.3	139,598	150,229	-7.1
Western Total	8,025	7,920	8,364	206,020	207,243	-0.6	427,891	442,759	-3.4
East of Mississippi River	5,891	5,946	6,422	152,377	157,870	-3.5	298,461	306,150	-2.5
West of Mississippi River	8,683	8,592	9,123	222,995	226,245	-1.4	465,020	484,673	-4.1
Bituminous and Lignite	14,539	14,500	15,507	374,430	383,133	-2.3	761,642	789,016	-3.5
Anthracite	35	37	38	942	982	-4.1	1,839	1,808	1.7
U.S. Total	14,574	14,537	15,544	375,372	384,115	-2.3	763,481	790,824	-3.5
Railroad Cars Loaded	83,214	83,006	87,750	2,132,617	2,131,193	0.1	4,419,569	4,503,255	-1.9

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 26

OUTPUT FOR WEEK ENDED - Jun 30, 2018

Jul 05, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jun 30, 2018** was **89,162** 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 June 30		52 Weeks Ended June 30	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,407	-0.5	120,095	-2.6
Mid-Atlantic	9,175	4.0	431,326	-0.6
Central Industrial	14,573	16.2	673,976	0.6
West Central	7,586	17.8	334,306	1.8
Southeast	22,504	8.8	1,039,722	1.7
South Central	18,337	13.3	751,472	3.9
Rocky Mountain	6,071	-1.2	277,292	-0.2
Pacific Northwest	2,784	-5.4	157,455	-0.4
Pacific Southwest	5,725	-6.0	279,184	-0.9
Total United States	89,162	8.4	4,064,828	1.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Jun 09	81,822	Jun 10	77,385	5.7	Jun 09	4,060,875	1.0
Jun 16	85,018	Jun 17	88,147	-3.5	Jun 16	4,057,746	0.8
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
Jun 30	2,008,052	Jul 01	1,933,166	3.9	YEAR TO DATE, FIRST 26 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
Jun 09	189	Jun 10	175	Jun 11	171
Jun 16	187	Jun 17	193	Jun 18	175
Jun 23	191	Jun 24	188	Jun 25	178
Jun 30	191	Jul 01	172	Jul 02	178

* 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		
	30-Jun 2018 GWh Output	1-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017	30-Jun 2018 GWh Output	1-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017	30-Jun 2018 GWh Output	1-Jul 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,407	2,420	-0.5%	58,621	59,111	-0.8%	120,095	123,343	-2.6%
Mid-Atlantic	9,175	8,822	4.0%	212,437	206,085	3.1%	431,326	434,043	-0.6%
Central Industrial	14,573	12,544	16.2%	341,901	326,198	4.8%	673,976	670,284	0.6%
West Central	7,586	6,440	17.8%	166,209	157,850	5.3%	334,306	328,496	1.8%
Southeast	22,504	20,684	8.8%	517,534	490,858	5.4%	1,039,722	1,022,513	1.7%
South Central	18,337	16,177	13.4%	370,365	344,537	7.5%	751,472	723,442	3.9%
Rocky Mountain	6,071	6,142	-1.2%	130,721	131,742	-0.8%	277,292	277,937	-0.2%
Pacific Northwest	2,784	2,942	-5.4%	80,842	82,928	-2.5%	157,455	158,063	-0.4%
Pacific Southwest	<u>5,725</u>	<u>6,089</u>	-6.0%	<u>129,421</u>	<u>133,858</u>	<u>-3.3%</u>	<u>279,184</u>	<u>281,581</u>	-0.9%
Total United States ^{1/}	<u>89,162</u>	<u>82,260</u>	8.4%	<u>2,008,051</u>	<u>1,933,167</u>	<u>3.9%</u>	<u>4,064,828</u>	<u>4,019,702</u>	1.1%
Coal Regions Only ^{2/}	78,246	70,809	10.5%	1,739,167	1,657,270	4.9%	3,508,094	3,456,715	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.

^{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 2, 2018

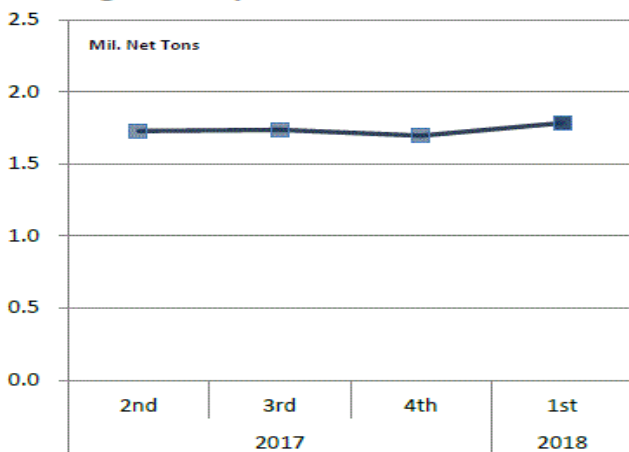
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 30</u>	<u>Week Ending June 23</u>	
<u>Week Ending</u>				North East	215	211
				Great Lakes	653	640
June 30, 2018	1,781	0.5	76.0	Midwest	187	185
June 30, 2017	1,747	1.9	74.9	Southern	652	660
June 23, 2018	1,772	1.8	75.6	Western	<u>74</u>	<u>76</u>
				Total	1,781	1,772
<u>Year-to-Date +</u>						
June 30, 2018	45,614	1.7	75.5			
June 30, 2017	44,839	-	74.4			

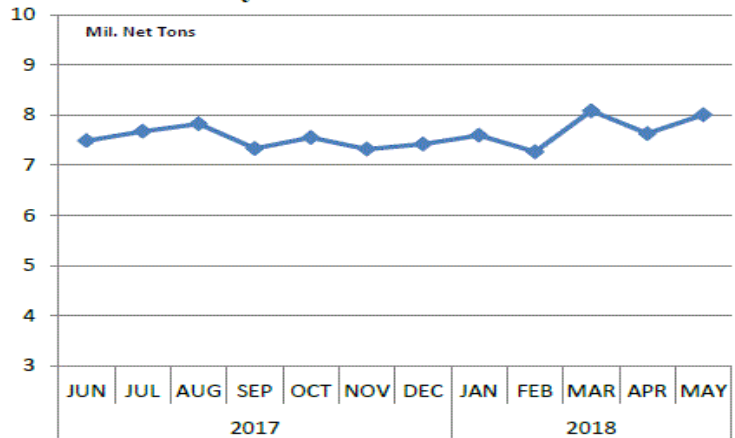
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 26, 2018 – Ended June 30, 2018

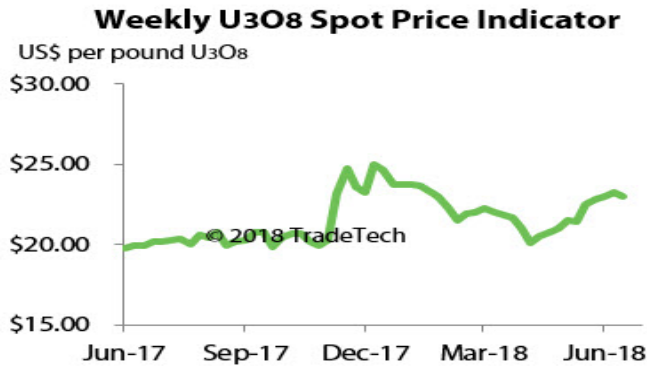
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	270,916	0.7%	6,747,414	259,516	1.3%
Chemicals	33,563	5.5%	841,770	32,376	3.8%
Coal	83,214	-5.3%	2,141,239	82,355	-0.1%
Farm Products excl. Grain, and Food	16,316	2.1%	421,097	16,196	1.3%
Forest Products	11,027	1.8%	265,428	10,209	1.6%
Grain	23,433	0.0%	601,918	23,151	0.3%
Metallic Ores and Metals	26,054	2.9%	593,021	22,809	2.6%
Motor Vehicles and Parts	16,557	0.2%	437,828	16,840	-2.6%
Nonmetallic Minerals	38,587	1.2%	928,540	35,713	3.8%
Petroleum and Petroleum Products	11,354	28.1%	270,193	10,392	6.8%
Other	10,811	5.8%	246,380	9,476	-3.1%
Total Intermodal Units	293,327	8.5%	7,153,557	275,137	6.0%
Total Traffic	564,243	4.6%	13,900,971	534,653	3.7%

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.

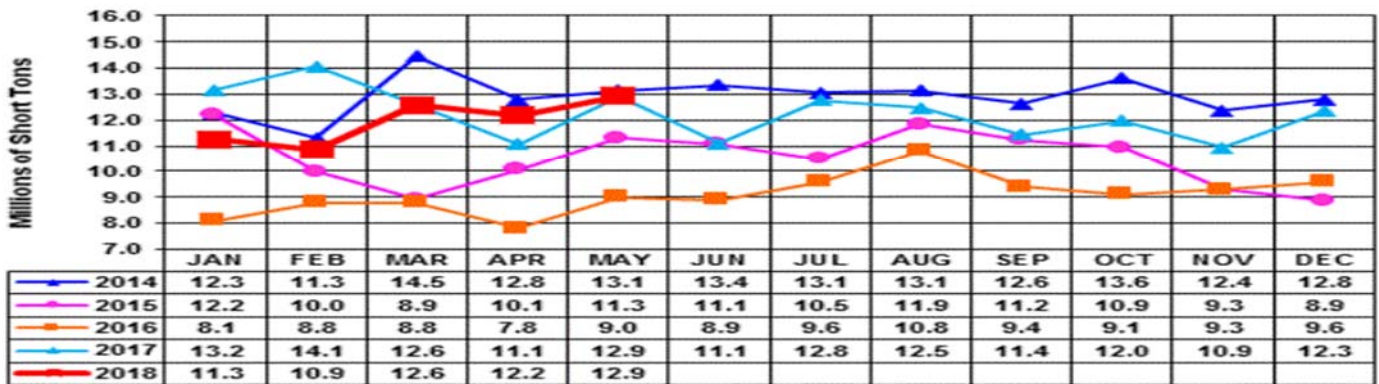
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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
	06/01/18	06/08/18	06/15/18	06/22/18	06/29/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$62.25	\$64.15	\$64.15	\$66.10	\$66.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.65	\$47.05	\$47.05	\$48.50	\$48.50	\$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	\$12.40	\$12.35	\$12.35	\$12.35	\$12.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.55	\$41.40	\$41.40	\$41.25	\$41.25	\$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 Jun 21)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	6	-4	-1	25	9	-6
Middle Atlantic	1	-4	1	49	19	0
E N Central	2	-6	-1	70	33	15
W N Central	1	-7	-3	82	34	26
South Atlantic	0	-1	0	103	25	11
E S Central	0	0	0	102	29	22
W S Central	0	0	0	117	12	-4
Mountain	7	-12	4	56	-1	-29
Pacific	6	-7	2	20	-4	-45
United States	3	-5	0	70	18	-2

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)



eia 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*

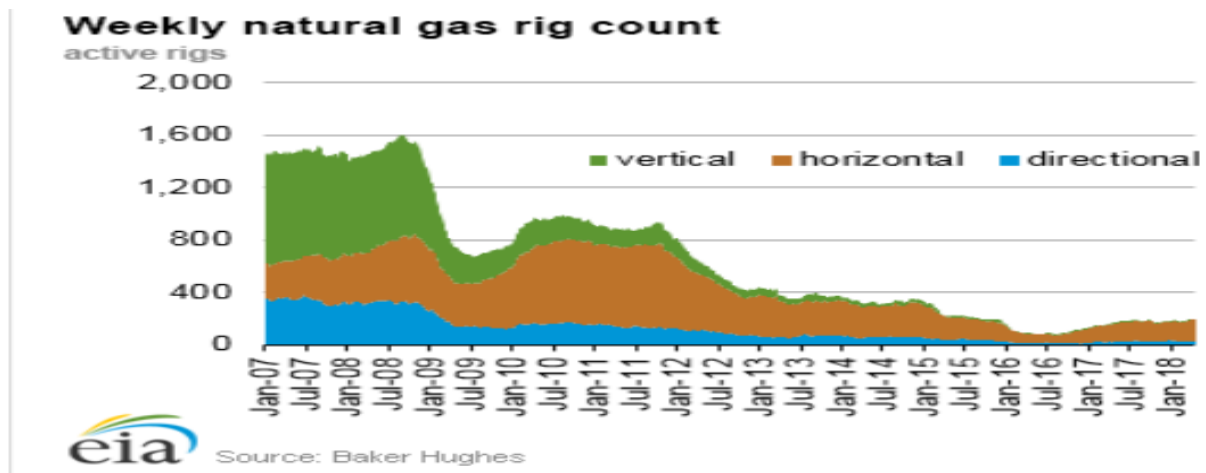
EIA Working Natural Gas Underground Storage

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: 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 2018	July 2018	change	June 2018	July 2018	change
Anadarko	414	417	3	2,832	2,855	23
Appalachia	145	145	-	15,645	15,783	138
Bakken	1,463	1,470	7	1,720	1,743	23
Eagle Ford	1,470	1,503	33	5,647	5,833	186
Haynesville	24	25	1	8,444	8,513	69
Niobrara	1,186	1,191	5	4,510	4,547	37
Permian	620	620	-	1,190	1,190	-
Total	675	677	2	3,788	3,794	6

Source: Energy Information Administration, *Drilling Productivity Report*