

National Mining Association

Weekly Statistical Summary

June 29, 2018 Edition
(Data for Week Ending June 23, 2018)

Prepared by
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NMA Weekly Statistical Summary

Vol. 56, No. 25
Dated 06/29/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/23/18	06/24/17	% Chng	06/23/18	06/23/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,537	15,372	-5.4%	360,798	368,467	-2.1%
52 Weeks Ended	764,452	789,563	-3.2%			
AAR Coal Rail Cars Loaded:	83,006	85,975	-3.5%	2,049,403	2,043,676	0.3%
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%
EI Electric Total Output (Mil. Kwh)						
	Week Ended			Cumulative Week 1 to		
	06/23/18	06/24/17	% Chng	06/23/18	06/24/17	% Chng
EI Electric Total Output (Mil. Kwh)	87,347	87,167	0.2%	1,918,890	1,850,906	3.7%
EI Coal Region Output (Mil. Kwh)	76,652	74,968	2.2%	1,660,921	1,586,461	4.7%
AISI Raw Steel Output (000 Tons)	1,772	1,747	1.4%	43,833	43,091	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)	
	06/22/18	06/15/18	% Chng	Wed.	06/20/18
Central App, 12,500 Btu, 1.2 SO ₂	\$66.10	\$64.15	3.0%	Henry Hub	2.95
Northern App, 13,000 Btu, < 3.0 SO ₂	48.50	47.05	3.1%	New York	2.80
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.77
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.35	12.35	0.0%	Cal.Comp.Avg.	2.75
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.25	41.40	-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		
	6/23/2018 (week 25)	6/16/2018 (week 24)	6/24/2017 (week 25)	6/23/2018	6/23/2017	% Change	6/23/2018	6/24/2017	% Change
Alabama	298	295	286	6,942	6,458	7.5	13,059	11,727	11.4
Alaska	18	18	16	415	441	-5.9	931	873	6.6
Arizona	113	118	114	2,815	2,934	-4.1	6,087	5,993	1.6
Arkansas	1	1	1	22	25	-10.5	24	51	-52.9
Colorado	290	320	359	8,007	7,789	2.8	15,218	15,354	-0.9
Illinois	1,004	1,006	1,056	23,779	24,461	-2.8	47,536	47,512	0.1
Indiana	600	621	627	14,814	15,375	-3.6	30,775	31,110	-1.1
Kentucky Total	788	841	934	20,205	21,861	-7.6	40,880	44,988	-9.1
Eastern (KY)	383	413	441	9,584	9,576	0.1	18,821	18,454	2.0
Western (KY)	406	428	494	10,621	12,285	-13.5	22,058	26,533	-16.9
Louisiana	24	32	39	948	1,386	-31.6	1,635	2,944	-44.5
Maryland	34	36	41	854	838	1.9	1,672	1,811	-7.7
Mississippi	43	50	68	1,244	1,499	-17.0	2,340	3,115	-24.9
Missouri	4	5	5	109	116	-6.1	237	252	-6.0
Montana	717	680	641	15,628	14,390	8.6	36,386	34,129	6.6
New Mexico	269	272	289	6,604	6,963	-5.2	12,800	13,967	-8.4
North Dakota	521	538	541	12,755	13,267	-3.9	28,205	28,784	-2.0
Ohio	149	154	194	3,599	4,435	-18.8	8,475	10,394	-18.5
Oklahoma	10	10	13	235	271	-13.0	524	619	-15.3
Pennsylvania Total	913	956	1,039	23,314	24,180	-3.6	48,099	50,332	-4.4
Anthracite (PA)	37	38	38	907	943	-3.9	1,842	1,808	1.9
Bituminous (PA)	876	918	1,001	22,407	23,237	-3.6	46,257	48,524	-4.7
Tennessee	7	8	10	192	261	-26.3	361	581	-37.9
Texas	633	637	691	15,002	16,441	-8.8	34,809	38,157	-8.8
Utah	250	261	280	6,171	6,642	-7.1	13,818	14,149	-2.3
Virginia	250	262	287	6,368	6,914	-7.9	13,122	14,268	-8.0
West Virginia Total	1,861	1,913	1,913	45,174	45,017	0.4	92,673	89,933	3.0
Northern (WV)	831	882	933	21,493	23,072	-6.8	45,085	47,997	-6.1
Southern (WV)	1,030	1,031	980	23,682	21,945	7.9	47,588	41,936	13.5
Wyoming	5,742	5,949	5,929	145,601	146,500	-0.6	314,785	328,521	-4.2
Appalachian Total	3,893	4,036	4,210	96,028	97,680	-1.7	196,283	197,499	-0.6
Interior Total	2,725	2,790	2,994	66,774	71,859	-7.1	139,938	150,294	-6.9
Western Total	7,920	8,155	8,169	197,996	198,928	-0.5	428,230	441,769	-3.1
East of Mississippi River	5,946	6,141	6,454	146,486	151,300	-3.2	298,992	305,770	-2.2
West of Mississippi River	8,592	8,840	8,918	214,312	217,167	-1.3	465,460	483,792	-3.8
Bituminous and Lignite	14,500	14,943	15,334	359,891	367,523	-2.1	762,610	787,755	-3.2
Anthracite	37	38	38	907	943	-3.9	1,842	1,808	1.9
U.S. Total	14,537	14,981	15,372	360,798	368,467	-2.1	764,452	789,563	-3.2
Railroad Cars Loaded	83,006	85,538	85,975	2,049,403	2,043,676	0.3	4,424,105	4,493,019	-1.5

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 25

OUTPUT FOR WEEK ENDED - Jun 23, 2018

Jun 27, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Jun 23, 2018 was 87,347 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 23		52 Weeks Ended June 23	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,401	-9.6	120,108	-2.8
Mid-Atlantic	9,333	-3.4	430,973	-0.8
Central Industrial	14,719	6.6	671,947	0.1
West Central	7,288	8.6	333,160	1.2
Southeast	22,754	6.3	1,037,902	1.4
South Central	16,821	0.5	749,312	3.5
Rocky Mountain	5,737	-13.9	277,364	-0.2
Pacific Northwest	2,728	0.1	157,612	-0.2
Pacific Southwest	5,566	-18.3	279,548	-0.9
Total United States	87,347	0.2	4,057,926	0.9

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 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 23	1,918,890	Jun 24	1,850,906	3.7	YEAR TO DATE, FIRST 25 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

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

* 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		
	23-Jun 2018 GWh Output	24-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	23-Jun 2018 GWh Output	24-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	23-Jun 2018 GWh Output	24-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,401	2,657	-9.6%	56,214	56,691	-0.8%	120,108	123,543	-2.8%
Mid-Atlantic	9,333	9,659	-3.4%	203,262	197,263	3.0%	430,973	434,276	-0.8%
Central Industrial	14,719	13,807	6.6%	327,328	313,654	4.4%	671,947	670,988	0.1%
West Central	7,288	6,713	8.6%	158,623	151,410	4.8%	333,160	329,068	1.2%
Southeast	22,754	21,398	6.3%	495,030	470,174	5.3%	1,037,902	1,023,556	1.4%
South Central	16,821	16,732	0.5%	352,028	328,360	7.2%	749,312	724,189	3.5%
Rocky Mountain	5,737	6,659	-13.8%	124,650	125,600	-0.8%	277,364	277,884	-0.2%
Pacific Northwest	2,728	2,726	0.1%	78,058	79,986	-2.4%	157,612	157,992	-0.2%
Pacific Southwest	<u>5,566</u>	<u>6,816</u>	-18.3%	<u>123,696</u>	<u>127,769</u>	<u>-3.2%</u>	<u>279,548</u>	<u>282,167</u>	-0.9%
Total United States ^{1/}	<u>87,347</u>	<u>87,167</u>	0.2%	<u>1,918,889</u>	<u>1,850,907</u>	<u>3.7%</u>	<u>4,057,926</u>	<u>4,023,663</u>	0.9%
Coal Regions Only ^{2/}	76,652	74,968	2.2%	1,660,921	1,586,461	4.7%	3,500,658	3,459,961	1.2%

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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June 25, 2018

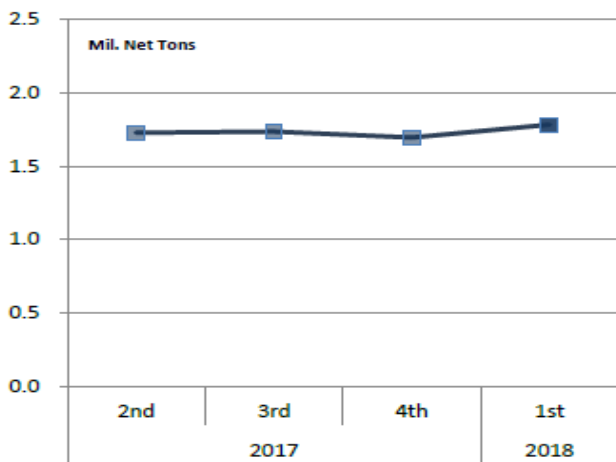
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 23</u>	<u>Week Ending June 16</u>	
<u>Week Ending</u>				North East	211	217
				Great Lakes	640	630
June 23, 2018	1,772	1.8	75.6	Midwest	185	172
June 23, 2017	1,747	1.4	74.9	Southern	660	644
June 16, 2018	1,740	-0.7	74.2	Western	<u>76</u>	<u>77</u>
				Total	1,772	1,740
<u>Year-to-Date +</u>						
June 23, 2018	43,833	1.7	75.4			
June 23, 2017	43,091	-	74.4			

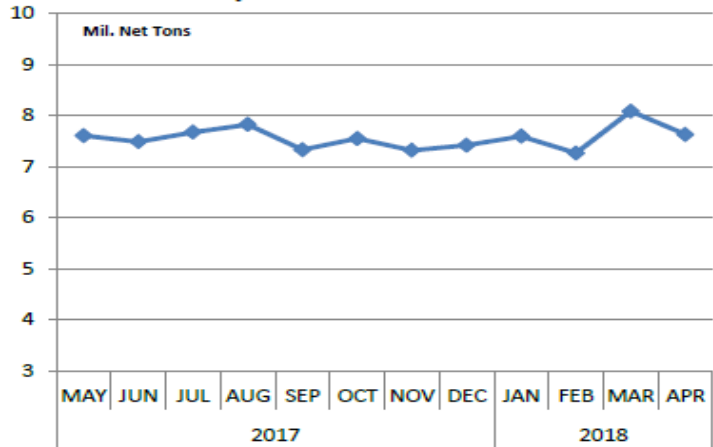
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 25, 2018 – Ended June 23, 2018

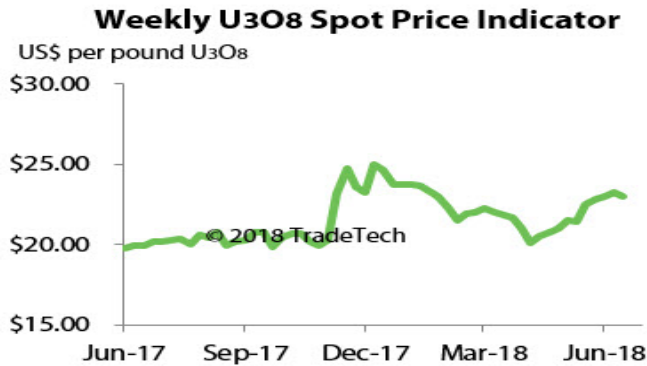
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	268,464	2.5%	6,476,498	259,060	1.3%
Chemicals	32,422	6.8%	808,207	32,328	3.8%
Coal	83,006	-3.6%	2,058,025	82,321	0.2%
Farm Products excl. Grain, and Food	16,060	0.8%	404,781	16,191	1.2%
Forest Products	10,167	0.4%	254,401	10,176	1.6%
Grain	24,104	10.2%	578,485	23,139	0.3%
Metallic Ores and Metals	24,786	10.2%	566,967	22,679	2.6%
Motor Vehicles and Parts	17,223	1.6%	421,271	16,851	-2.7%
Nonmetallic Minerals	38,404	0.8%	889,953	35,598	3.9%
Petroleum and Petroleum Products	11,375	16.2%	258,839	10,354	6.0%
Other	10,917	7.5%	235,569	9,423	-3.4%
Total Intermodal Units	288,876	4.9%	6,860,230	274,409	5.9%
Total Traffic	557,340	3.7%	13,336,728	533,469	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.

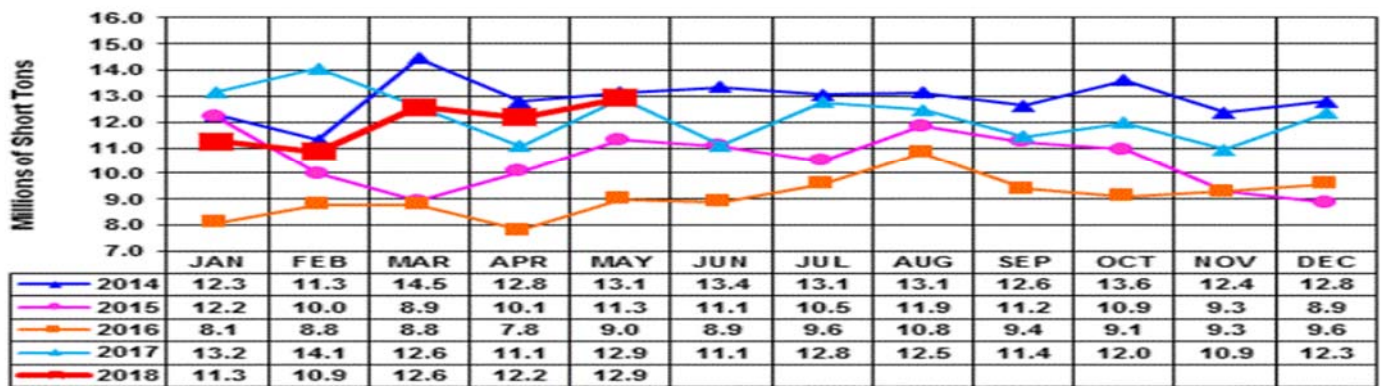
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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



Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

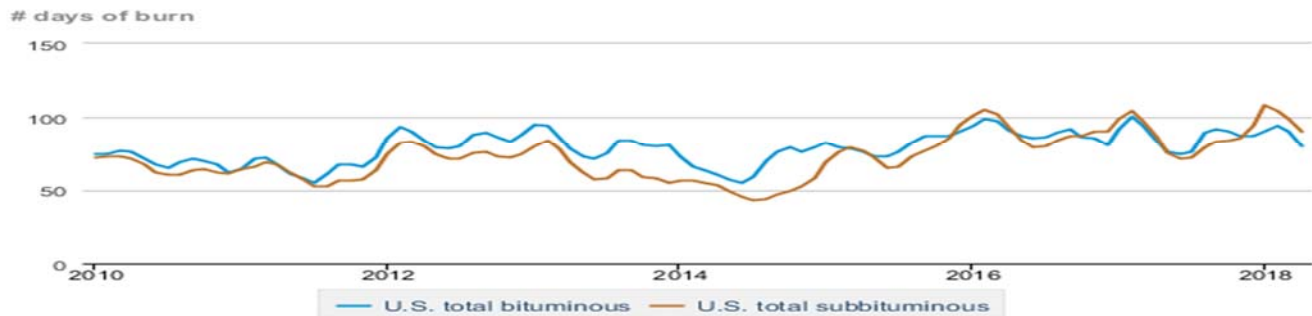
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	05/25/18	06/01/18	06/08/18	06/15/18	06/22/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$62.25	\$62.25	\$64.15	\$64.15	\$66.10	\$1.95
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.65	\$45.65	\$47.05	\$47.05	\$48.50	\$1.45
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	\$12.40	\$12.35	\$12.35	\$12.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.55	\$41.55	\$41.40	\$41.40	\$41.25	-\$0.15

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 14)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	15	-3	7	7	-3	-35
Middle Atlantic	7	-4	1	16	-6	-37
E N Central	4	-11	0	35	5	-30
W N Central	1	-12	0	69	29	0
South Atlantic	1	-2	-2	78	9	2
E S Central	0	-2	-2	89	25	22
W S Central	0	0	0	128	32	28
Mountain	6	-19	-7	70	22	24
Pacific	9	-9	-17	27	8	24
United States	5	-7	-4	56	11	-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

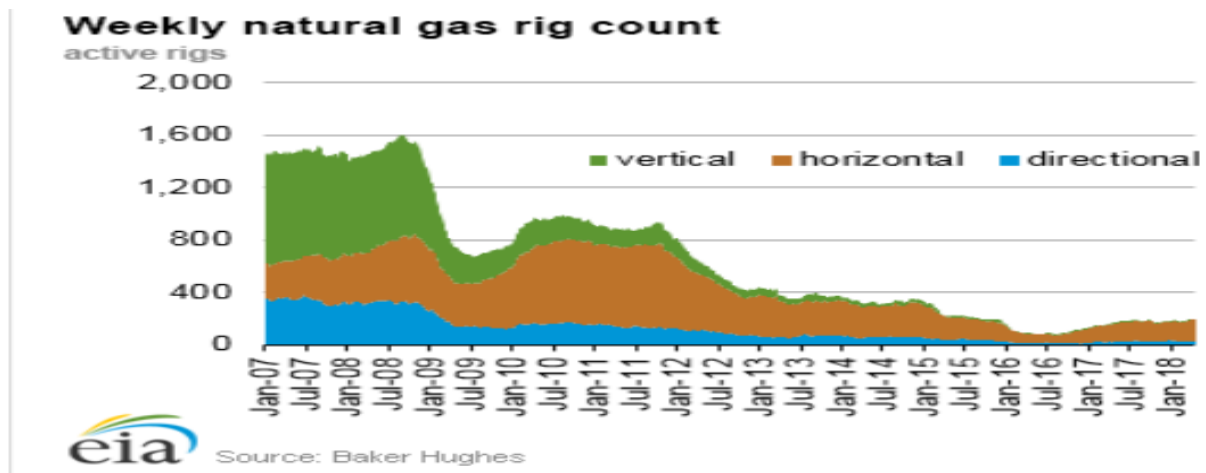
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-06-15	2018-06-08	change
East	406	377	29
Midwest	401	372	29
Mountain	127	125	2
Pacific	246	239	7
South Central	824	800	24
Total	2,004	1,913	91

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		
	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*