

National Mining Association

Weekly Statistical Summary

June 22, 2018 Edition
(Data for Week Ending June 16, 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. 24
Dated 06/22/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/16/18	06/17/17	% Chng	06/16/18	06/16/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,981	15,567	-3.8%	346,261	353,069	-1.9%
52 Weeks Ended	765,286	788,122	-2.9%			
AAR Coal Rail Cars Loaded:	85,538	87,066	-1.8%	1,966,397	1,957,560	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		
	06/16/18	06/17/17	% Chng	06/16/18	06/17/17	% Chng
EI Electric Total Output (Mil. Kwh)	85,018	88,147	-3.5%	1,831,543	1,763,740	3.8%
EI Coal Region Output (Mil. Kwh)	74,661	77,366	-3.5%	1,584,269	1,511,493	4.8%
AISI Raw Steel Output (000 Tons)	1,740	1,747	-0.4%	42,061	41,344	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)	
	06/16/18	06/08/18	% Chng	Wed.	06/13/18
Central App, 12,500 Btu, 1.2 SO ₂	\$64.15	\$64.15	0.0%	Henry Hub	2.94
Northern App, 13,000 Btu, < 3.0 SO ₂	47.05	47.05	0.0%	New York	2.79
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.73
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.35	12.35	0.0%	Cal.Comp.Avg.	2.67
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.40	41.40	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



EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	6/16/2018 (week 24)	6/9/2018 (week 23)	6/17/2017 (week 24)	6/16/2018	6/16/2017	% Change	6/16/2018	6/17/2017	% Change
Alabama	295	275	289	6,644	6,172	7.7	13,047	11,642	12.1
Alaska	18	17	17	397	425	-6.6	929	876	6.1
Arizona	118	116	115	2,702	2,820	-4.2	6,088	5,986	1.7
Arkansas	1	1	1	22	24	-9.4	24	50	-52.0
Colorado	320	330	364	7,717	7,429	3.9	15,287	15,262	0.2
Illinois	1,006	957	1,070	22,775	23,403	-2.7	47,588	47,421	0.4
Indiana	621	611	635	14,213	14,747	-3.6	30,802	31,087	-0.9
Kentucky Total	841	846	946	19,416	20,925	-7.2	41,025	44,917	-8.7
Eastern (KY)	413	423	446	9,201	9,135	0.7	18,879	18,358	2.8
Western (KY)	428	423	500	10,215	11,791	-13.4	22,146	26,560	-16.6
Louisiana	32	31	39	923	1,347	-31.5	1,650	2,966	-44.4
Maryland	36	37	42	820	797	2.9	1,679	1,795	-6.5
Mississippi	50	53	69	1,201	1,431	-16.0	2,365	3,098	-23.7
Missouri	5	5	5	105	111	-5.7	237	253	-6.3
Montana	680	662	649	14,911	13,748	8.5	36,310	34,026	6.7
New Mexico	272	258	292	6,335	6,674	-5.1	12,820	13,891	-7.7
North Dakota	538	539	548	12,234	12,725	-3.9	28,225	28,802	-2.0
Ohio	154	154	197	3,450	4,240	-18.6	8,521	10,478	-18.7
Oklahoma	10	11	14	226	257	-12.2	528	620	-14.8
Pennsylvania Total	956	955	1,052	22,401	23,140	-3.2	48,225	50,268	-4.1
Anthracite (PA)	38	36	38	870	905	-3.9	1,843	1,807	2.0
Bituminous (PA)	918	920	1,014	21,531	22,234	-3.2	46,382	48,461	-4.3
Tennessee	8	7	10	186	251	-26.1	364	584	-37.7
Texas	637	626	700	14,369	15,749	-8.8	34,867	38,230	-8.8
Utah	261	259	283	5,920	6,362	-6.9	13,847	14,191	-2.4
Virginia	262	261	290	6,119	6,627	-7.7	13,159	14,269	-7.8
West Virginia Total	1,913	1,873	1,937	43,314	43,101	0.5	92,725	89,651	3.4
Northern (WV)	882	874	945	20,662	22,137	-6.7	45,188	47,927	-5.7
Southern (WV)	1,031	998	992	22,652	20,964	8.1	47,538	41,724	13.9
Wyoming	5,949	6,031	6,005	139,859	140,561	-0.5	314,972	327,759	-3.9
Appalachian Total	4,036	3,985	4,263	92,135	93,463	-1.4	196,599	197,044	-0.2
Interior Total	2,790	2,717	3,032	64,050	68,861	-7.0	140,208	150,284	-6.7
Western Total	8,155	8,212	8,272	190,076	190,746	-0.4	428,479	440,794	-2.8
East of Mississippi River	6,141	6,029	6,536	140,540	144,835	-3.0	299,500	305,209	-1.9
West of Mississippi River	8,840	8,886	9,031	205,721	208,234	-1.2	465,786	482,913	-3.5
Bituminous and Lignite	14,943	14,879	15,529	345,391	352,164	-1.9	763,444	786,315	-2.9
Anthracite	38	36	38	870	905	-3.9	1,843	1,807	2.0
U.S. Total	14,981	14,915	15,567	346,261	353,069	-1.9	765,286	788,122	-2.9
Railroad Cars Loaded	85,538	85,160	87,066	1,966,397	1,957,560	0.5	4,427,074	4,482,650	-1.2

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 24

OUTPUT FOR WEEK ENDED - Jun 16, 2018

Jun 20, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jun 16, 2018 was 85,018 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 187 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 16		52 Weeks Ended June 16	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,124	-17.2	120,365	-2.4
Mid-Atlantic	7,969	-17.2	431,297	-0.6
Central Industrial	13,983	-12.9	671,035	-0.1
West Central	7,138	-4.7	332,586	0.8
Southeast	21,935	0.5	1,036,545	1.2
South Central	17,627	4.2	749,223	3.4
Rocky Mountain	6,009	10.0	278,286	0.2
Pacific Northwest	2,618	0.6	157,610	-0.1
Pacific Southwest	5,615	0.0	280,799	-0.4
Total United States	85,018	-3.5	4,057,746	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 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 16	85,018	Jun 17	88,147	-3.5	Jun 16	4,057,746	0.8
Jun 16	1,831,543	Jun 17	1,763,740	3.8	YEAR TO DATE, FIRST 24 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
Jun 16	187	Jun 17	193	Jun 18	175

* 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		
	16-Jun 2018 GWh Output	17-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	16-Jun 2018 GWh Output	17-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017	16-Jun 2018 GWh Output	17-Jun 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,124	2,566	-17.2%	53,813	54,034	-0.4%	120,365	123,366	-2.4%
Mid-Atlantic	7,969	9,621	-17.2%	193,929	187,604	3.4%	431,297	433,813	-0.6%
Central Industrial	13,983	16,051	-12.9%	312,609	299,847	4.3%	671,035	671,977	-0.1%
West Central	7,138	7,489	-4.7%	151,335	144,697	4.6%	332,586	330,029	0.8%
Southeast	21,935	21,820	0.5%	472,276	448,776	5.2%	1,036,545	1,024,147	1.2%
South Central	17,627	16,924	4.2%	335,207	311,628	7.6%	749,223	724,364	3.4%
Rocky Mountain	6,009	5,461	10.0%	118,913	118,941	0.0%	278,286	277,678	0.2%
Pacific Northwest	2,618	2,603	0.6%	75,330	77,260	-2.5%	157,610	157,840	-0.1%
Pacific Southwest	5,615	5,612	0.1%	118,130	120,953	-2.3%	280,799	281,873	-0.4%
Total United States ^{1/}	85,018	88,147	-3.5%	1,831,542	1,763,740	3.8%	4,057,746	4,025,087	0.8%
Coal Regions Only ^{2/}	74,661	77,366	-3.5%	1,584,269	1,511,493	4.8%	3,498,972	3,462,008	1.1%

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*.

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

June 18, 2018

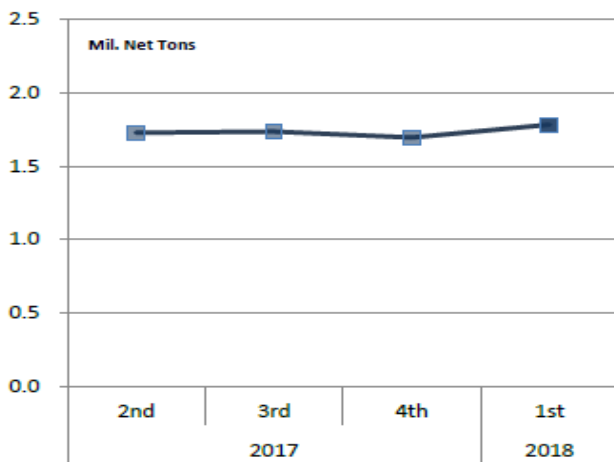
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 16</u>	<u>Week Ending June 9</u>	
<u>Week Ending</u>				North East	217	201
				Great Lakes	630	655
June 16, 2018	1,740	-0.7	74.2	Midwest	172	178
June 16, 2017	1,747	-0.4	74.9	Southern	644	645
June 9, 2018	1,753	-0.1	74.8	Western	<u>77</u>	<u>74</u>
				Total	1,740	1,753
<u>Year-to-Date +</u>						
June 16, 2018	42,061	1.7	75.4			
June 16, 2017	41,344	-	74.4			

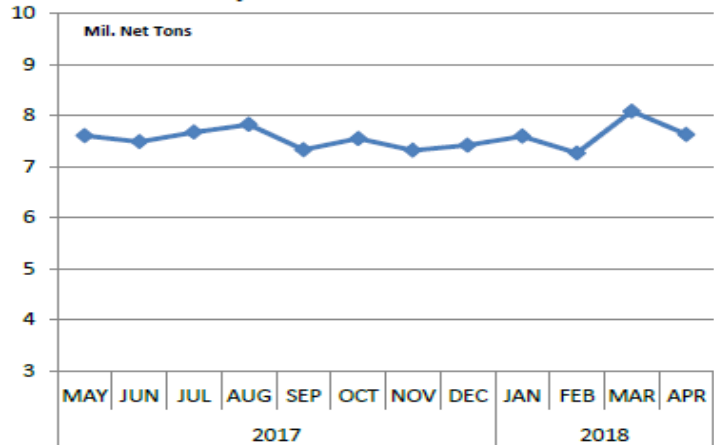
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



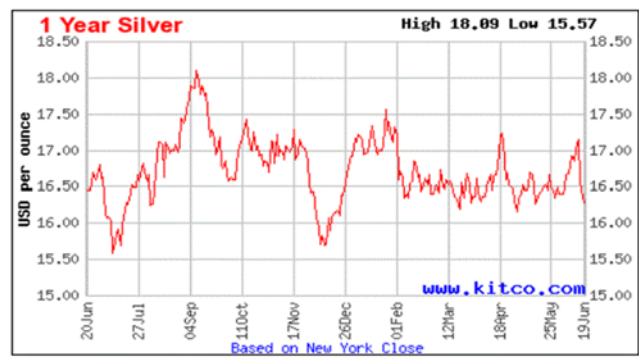
Monthly Raw Steel Production



*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 24, 2018 – Ended June 16, 2018

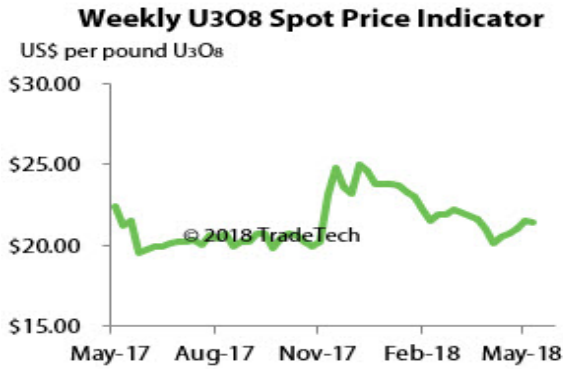
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	269,748	1.9%	6,208,034	258,668	1.3%
Chemicals	31,707	1.5%	775,785	32,324	3.7%
Coal	85,538	-1.6%	1,975,019	82,292	0.3%
Farm Products excl. Grain, and Food	16,717	6.2%	388,721	16,197	1.3%
Forest Products	10,837	7.4%	244,234	10,176	1.6%
Grain	23,086	6.5%	554,381	23,099	-0.1%
Metallic Ores and Metals	24,279	3.3%	542,181	22,591	2.2%
Motor Vehicles and Parts	16,891	-1.7%	404,048	16,835	-2.8%
Nonmetallic Minerals	39,994	4.8%	851,549	35,481	4.0%
Petroleum and Petroleum Products	11,256	20.6%	247,464	10,311	5.6%
Other	9,443	-12.0%	224,652	9,361	-3.9%
Total Intermodal Units	288,350	6.3%	6,571,354	273,806	6.0%
Total Traffic	558,098	4.1%	12,779,388	532,475	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.

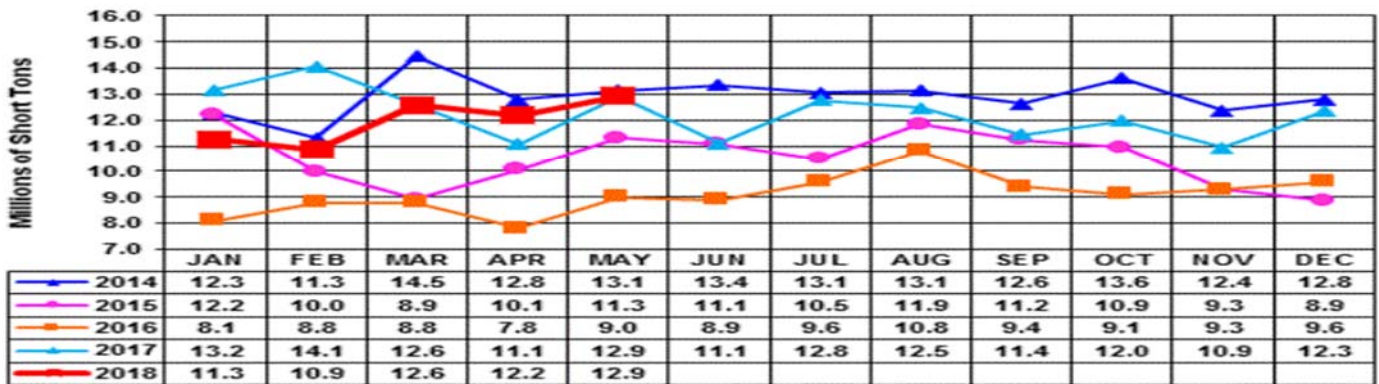
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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

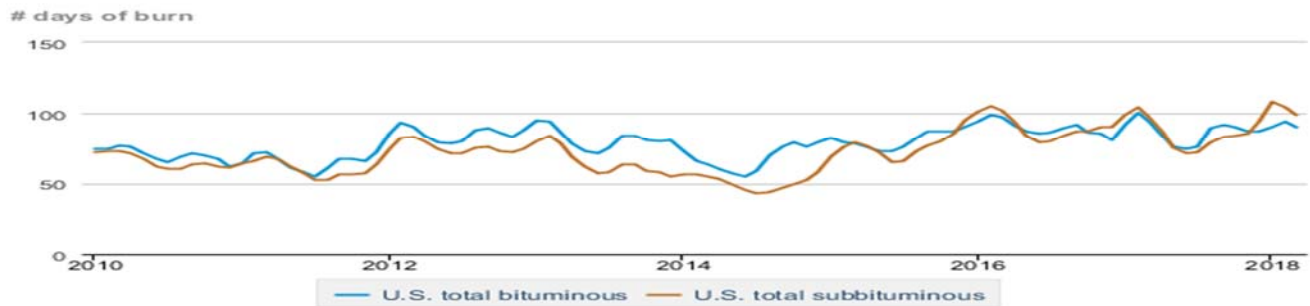
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	05/18/18	05/25/18	06/01/18	06/08/18	06/15/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$60.40	\$62.25	\$62.25	\$64.15	\$64.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$44.30	\$45.65	\$45.65	\$47.05	\$47.05	\$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	\$12.40	\$12.40	\$12.35	\$12.35	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.70	\$41.55	\$41.55	\$41.40	\$41.40	\$0.00

Source: With permission, SNL Energy

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 Jun 07)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	39	13	-12	12	6	11
Middle Atlantic	18	-1	-11	17	1	16
E N Central	16	-8	1	22	-2	1
W N Central	7	-13	3	47	16	2
South Atlantic	1	-5	-2	77	16	12
E S Central	1	-4	-1	70	16	13
W S Central	0	-1	0	123	38	37
Mountain	9	-24	-1	58	19	1
Pacific	9	-14	4	15	-1	-4
United States	10	-8	-1	48	10	10

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*.

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*

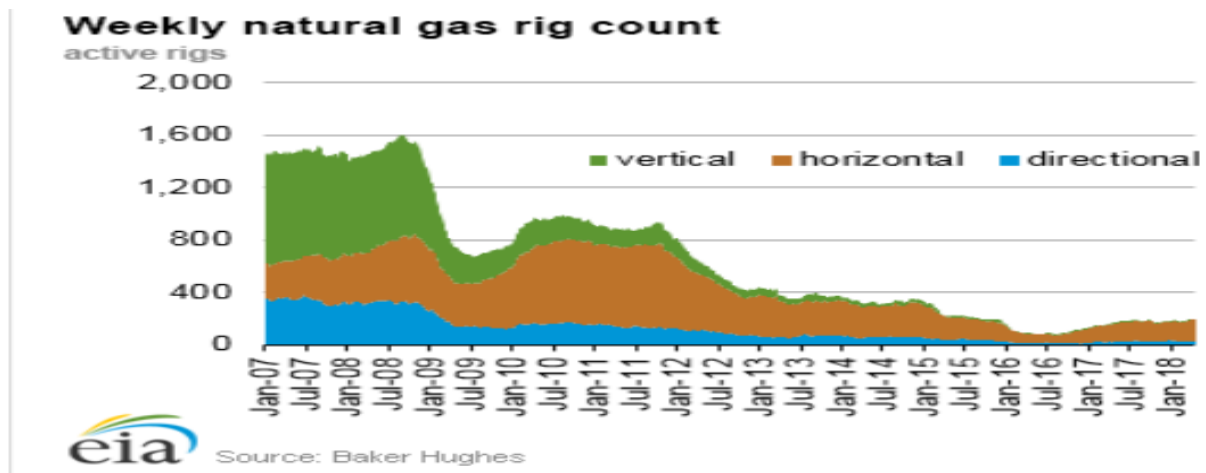
EIA Working Natural Gas Underground Storage

Region	Working gas in underground storage		
	Stocks billion cubic feet (Bcf)		
	2018-06-08	2018-06-01	change
East	377	351	26
Midwest	372	341	31
Mountain	125	121	4
Pacific	239	231	8
South Central	800	773	27
Total	1,913	1,817	96

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*