

National Mining Association

Weekly Statistical Summary

May 11, 2018 Edition
(Data for Week Ending May 5, 2018)

Prepared by
National Mining Association



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Please Note - Next week's edition will be released by COB Monday, May 21. We apologize for the delay.

NMA Weekly Statistical Summary

Vol. 56, No. 18
Dated 05/11/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/05/18	05/06/17	% Chng	05/05/18	05/05/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,568	13,121	3.4%	260,154	265,622	-2.1%
52 Weeks Ended	766,944	774,251	-0.9%			
AAR Coal Rail Cars Loaded:	77,468	73,386	5.6%	1,474,741	1,468,471	0.4%
Coal Production Month Ended - March	Mar 18/17		% Chng	Jan - Mar 18/17		% Chng
	66,676	64,301	3.7%	191,097	197,033	-3.0%
DOC Coal Trade (000 Tons)						
Exports:	Mar 18/17			Jan - Mar 18/17		
			% Chng			% Chng
Metallurgical	4,970	4,079	21.8%	14,875	12,171	22.2%
Steam *	4,446	3,915	13.6%	12,309	10,052	22.5%
Lignite	7	5	40.0%	23	20	15.0%
Anthracite	6	17	-64.7%	26	77	-66.2%
Total	9,429	8,016	17.6%	27,233	22,320	22.0%
Imports:	518	560	-7.5%	1,367	1,915	-28.6%
	Week Ended			Cumulative Week 1 to		
	05/05/18	05/06/17	% Chng	05/05/18	05/06/17	% Chng
EI Electric Total Output (Mil. Kwh)	70,724	69,270	2.1%	1,354,112	1,305,339	3.7%
EI Coal Region Output (Mil. Kwh)	60,921	59,153	3.0%	1,166,097	1,113,503	4.7%
AISI Raw Steel Output (000 Tons)	1,779	1,719	3.5%	31,502	30,971	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)	
	05/04/18	04/27/18	% Chng	Wed.	05/02/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.40	\$60.40	0.0%	Henry Hub	2.73
Northern App, 13,000 Btu, < 3.0 SO ₂	44.30	44.30	0.0%	New York	2.76
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.41
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.45	12.45	0.0%	Cal.Comp.Avg.	2.25
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.70	41.70	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		
	5/5/2018 (week 18)	4/28/2018 (week 17)	5/6/2017 (week 18)	5/5/2018	5/5/2017	% Change	5/5/2018	5/6/2017	% Change
Alabama	267	255	244	4,963	4,548	9.1	12,997	11,078	17.3
Alaska	17	16	14	293	332	-11.8	918	888	3.4
Arizona	107	107	97	2,031	2,174	-6.6	6,066	5,905	2.7
Arkansas	1	1	1	16	16	-2.1	26	50	-48.0
Colorado	289	306	307	5,896	5,386	9.5	15,516	14,627	6.1
Illinois	911	887	902	17,026	17,395	-2.1	47,869	46,510	2.9
Indiana	562	567	535	10,663	11,182	-4.6	30,829	30,707	0.4
Kentucky Total	761	784	797	14,619	15,611	-6.4	41,562	44,165	-5.9
Eastern (KY)	374	393	376	6,838	6,628	3.2	19,032	17,665	7.7
Western (KY)	387	392	421	7,781	8,983	-13.4	22,530	26,499	-15.0
Louisiana	29	29	33	754	1,128	-33.2	1,700	3,065	-44.5
Maryland	32	34	35	614	563	9.0	1,708	1,695	0.8
Mississippi	45	49	58	919	1,044	-11.9	2,471	2,976	-17.0
Missouri	4	4	4	79	82	-4.3	240	255	-5.9
Montana	616	614	547	10,921	10,102	8.1	35,980	33,219	8.3
New Mexico	246	239	246	4,786	5,032	-4.9	12,920	13,373	-3.4
North Dakota	487	500	462	9,139	9,648	-5.3	28,219	28,683	-1.6
Ohio	140	143	166	2,563	3,135	-18.2	8,743	10,846	-19.4
Oklahoma	9	10	11	166	181	-8.0	545	620	-12.1
Pennsylvania Total	866	886	887	16,926	17,230	-1.8	48,681	49,507	-1.7
Anthracite (PA)	34	33	32	655	690	-5.1	1,844	1,786	3.2
Bituminous (PA)	832	853	854	16,271	16,540	-1.6	46,837	47,720	-1.9
Tennessee	7	7	8	144	196	-26.5	378	593	-36.3
Texas	577	581	590	10,696	11,819	-9.5	35,138	38,337	-8.3
Utah	236	240	239	4,428	4,772	-7.2	13,952	14,298	-2.4
Virginia	237	242	245	4,622	4,996	-7.5	13,299	14,161	-6.1
West Virginia Total	1,732	1,737	1,633	32,372	32,219	0.5	92,705	87,379	6.1
Northern (WV)	798	811	796	15,648	16,830	-7.0	45,500	47,175	-3.6
Southern (WV)	934	926	836	16,724	15,390	8.7	47,204	40,204	17.4
Wyoming	5,388	5,592	5,061	105,517	106,830	-1.2	314,483	321,315	-2.1
Appalachian Total	3,655	3,696	3,593	69,044	69,515	-0.7	197,542	192,925	2.4
Interior Total	2,526	2,520	2,555	48,098	51,830	-7.2	141,349	149,020	-5.1
Western Total	7,386	7,615	6,973	143,012	144,276	-0.9	428,053	432,307	-1.0
East of Mississippi River	5,561	5,591	5,509	105,432	108,120	-2.5	301,241	299,618	0.5
West of Mississippi River	8,006	8,240	7,612	154,722	157,503	-1.8	465,703	474,633	-1.9
Bituminous and Lignite	13,533	13,797	13,089	259,498	264,932	-2.1	765,100	772,465	-1.0
Anthracite	34	33	32	655	690	-5.1	1,844	1,786	3.2
U.S. Total	13,568	13,831	13,121	260,154	265,622	-2.1	766,944	774,251	-0.9
Railroad Cars Loaded	77,468	78,970	73,386	1,474,741	1,468,471	0.4	4,426,284	4,392,806	0.8

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 18

OUTPUT FOR WEEK ENDED - May 05, 2018

May 09, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 05, 2018** was **70,724** 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 May 05		52 Weeks Ended May 05	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,115	5.3	120,924	-2.2
Mid-Atlantic	7,533	5.7	431,188	-0.9
Central Industrial	11,824	3.5	669,110	-0.5
West Central	5,741	1.0	330,518	0.2
Southeast	17,892	0.3	1,031,658	0.7
South Central	13,537	8.9	739,053	2.4
Rocky Mountain	4,394	-5.4	277,264	0.0
Pacific Northwest	2,781	0.5	157,615	-0.1
Pacific Southwest	4,907	-8.1	281,386	-0.5
Total United States	70,724	2.1	4,038,716	0.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Apr 14	71,006	Apr 15	67,894	4.6	Apr 14	4,039,103	0.4
Apr 21	69,190	Apr 22	68,816	0.5	Apr 21	4,039,477	0.4
Apr 28	67,526	Apr 29	69,741	-3.2	Apr 28	4,037,262	0.3
May 05	70,724	May 06	69,270	2.1	May 05	4,038,716	0.3
May 05	1,354,112	May 06	1,305,339	3.7	YEAR TO DATE, FIRST 18 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
Apr 14	182	Apr 15	167	Apr 16	173
Apr 21	178	Apr 22	170	Apr 23	172
Apr 28	179	Apr 29	176	Apr 30	176
May 05	187	May 06	173	May 07	168

* 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		
	5-May 2018 GWh Output	6-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	5-May 2018 GWh Output	6-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	5-May 2018 GWh Output	6-May 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,115	2,008	5.3%	41,445	41,106	0.8%	120,924	123,626	-2.2%
Mid-Atlantic	7,533	7,129	5.7%	147,498	141,284	4.4%	431,188	435,197	-0.9%
Central Industrial	11,824	11,423	3.5%	235,451	224,614	4.8%	669,110	672,699	-0.5%
West Central	5,741	5,684	1.0%	111,517	106,946	4.3%	330,518	329,964	0.2%
Southeast	17,892	17,840	0.3%	347,234	328,622	5.7%	1,031,658	1,024,708	0.7%
South Central	13,537	12,434	8.9%	237,091	223,682	6.0%	739,053	721,717	2.4%
Rocky Mountain	4,394	4,643	-5.4%	87,306	88,355	-1.2%	277,264	277,273	0.0%
Pacific Northwest	2,781	2,767	0.5%	59,425	61,349	-3.1%	157,615	157,749	-0.1%
Pacific Southwest	4,907	5,342	-8.1%	87,144	89,381	-2.5%	281,386	282,871	-0.5%
Total United States ^{1/}	<u>70,724</u>	<u>69,270</u>	2.1%	<u>1,354,111</u>	<u>1,305,339</u>	3.7%	4,038,716	4,025,804	0.3%
Coal Regions Only ^{2/}	60,921	59,153	3.0%	1,166,097	1,113,503	4.7%	3,478,791	3,461,558	0.5%

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*.

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May 7, 2018

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

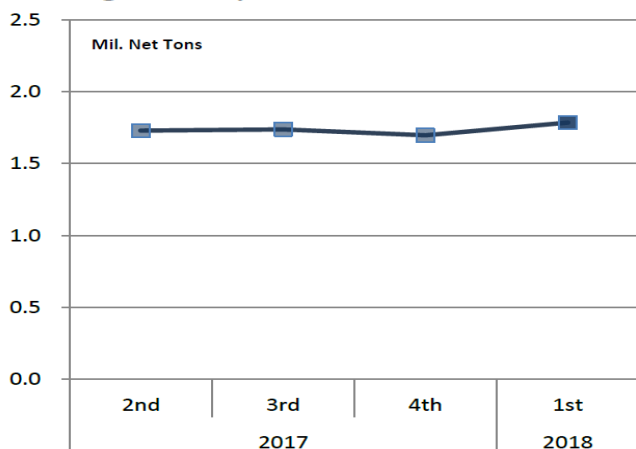
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
<u>Week Ending</u>				<u>May 5</u>	<u>Apr 28</u>	
May 5, 2018	1,779	1.4	75.9	North East	216	207
May 5, 2017	1,719	3.5	73.7	Great Lakes	670	657
April 28, 2018	1,754	-1.9	74.8	Midwest	148	163
				Southern	667	652
				Western	78	75
				Total	1,779	1,754

<u>Year-to-Date +</u>					
May 5, 2018	31,502	1.7	75.6		
May 5, 2017	30,971	-	74.4		

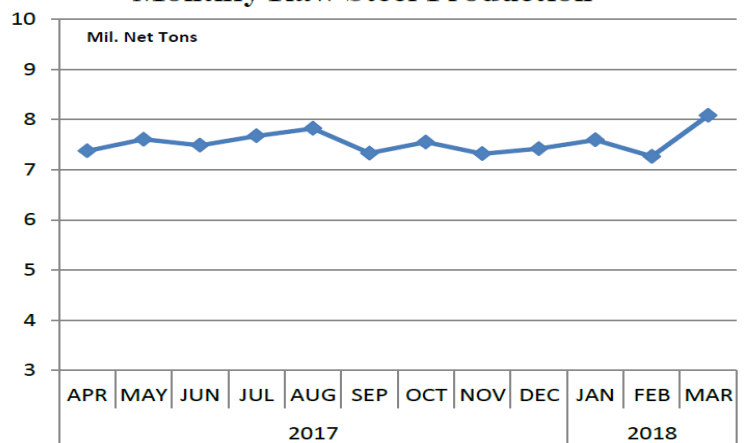
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 first quarter 2018 is approximately 30.0 million net tons vs. 30.0 million net tons for the same period last year, and 30.6 million tons for the fourth quarter of 2017.

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 18, 2018 – Ended May 5, 2018

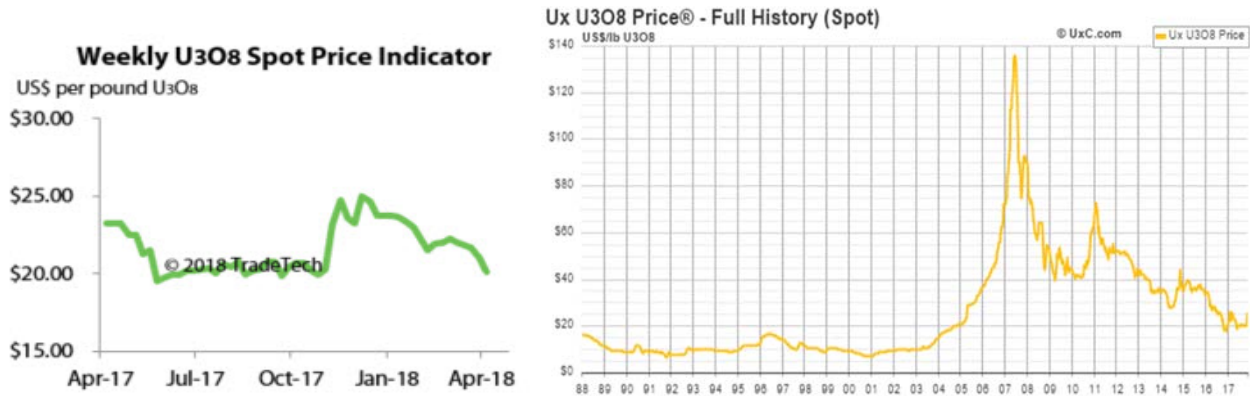
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	265,563	6.4%	4,612,788	256,266	0.9%
Chemicals	33,807	9.5%	583,320	32,407	3.6%
Coal	77,468	5.5%	1,483,363	82,409	0.4%
Farm Products excl. Grain, and Food	16,952	8.3%	290,667	16,148	0.6%
Forest Products	10,407	4.6%	181,165	10,065	1.2%
Grain	25,100	14.9%	413,173	22,954	-0.7%
Metallic Ores and Metals	24,116	1.7%	395,482	21,971	1.6%
Motor Vehicles and Parts	18,565	8.2%	302,822	16,823	-2.9%
Nonmetallic Minerals	41,092	11.4%	612,212	34,012	3.0%
Petroleum and Petroleum Products	9,855	6.6%	182,876	10,160	3.1%
Other	8,201	-23.9%	167,708	9,317	-3.4%
Total Intermodal Units	280,374	8.5%	4,875,755	270,875	5.9%
Total Traffic	545,937	7.5%	9,488,543	527,141	3.4%

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.

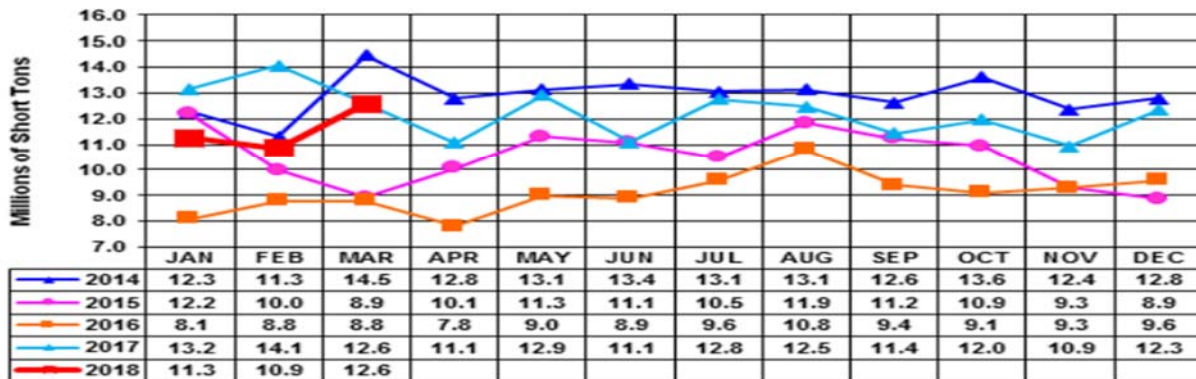
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

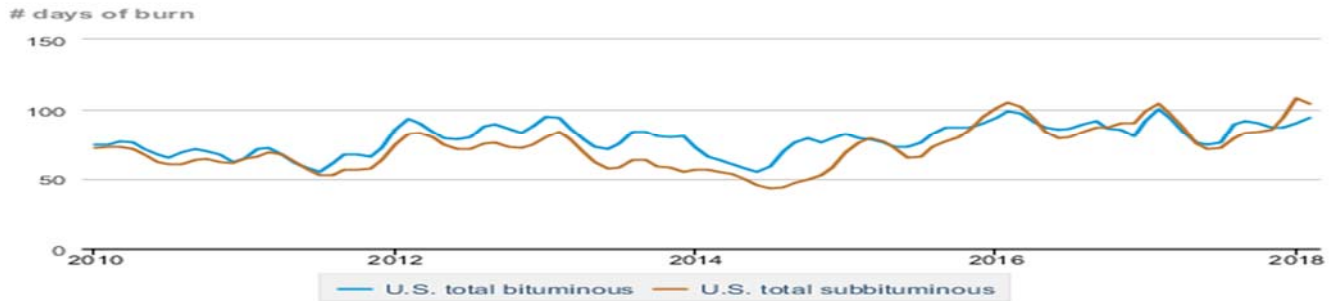
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	04/06/18	04/13/18	04/20/18	04/27/18	05/04/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.10	\$61.45	\$61.45	\$60.40	\$60.40	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.05	\$45.05	\$45.05	\$44.30	\$44.30	\$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	\$12.35	\$12.45	\$12.45	\$12.45	\$12.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$42.05	\$42.05	\$42.05	\$41.70	\$41.70	\$0.00

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

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



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 26)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	120	6	15	0	0	0
Middle Atlantic	106	9	26	0	0	0
E N Central	111	11	44	0	0	-2
W N Central	119	29	24	0	-2	0
South Atlantic	43	-1	16	21	1	-9
E S Central	53	13	28	0	-6	-17
W S Central	48	32	29	8	-19	-31
Mountain	94	-5	2	13	3	0
Pacific	25	-33	-15	1	-3	1
United States	79	4	20	6	-3	-6

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	February 2018		February 2017			January 2018		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	3,338	95	5,229	92	-36.2%	3,314	85	0.7%
	Subbituminous	95	206	159	168	-40.4%	62	26	54.3%
South	Bituminous	22,185	93	31,517	100	-29.6%	21,718	88	2.2%
	Subbituminous	5,060	72	6,144	88	-17.6%	4,676	61	8.2%
Midwest	Bituminous	10,770	87	15,554	102	-30.8%	11,259	81	-4.3%
	Subbituminous	32,868	112	43,181	104	-23.9%	34,154	117	-3.8%
West	Bituminous	4,831	121	5,732	103	-15.7%	4,943	127	-2.3%
	Subbituminous	24,028	104	30,601	108	-21.5%	25,660	111	-6.4%
U.S. Total	Bituminous	41,292	94	58,032	100	-28.8%	41,433	90	-0.3%
	Subbituminous	62,051	104	80,086	104	-22.5%	64,551	108	-3.9%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

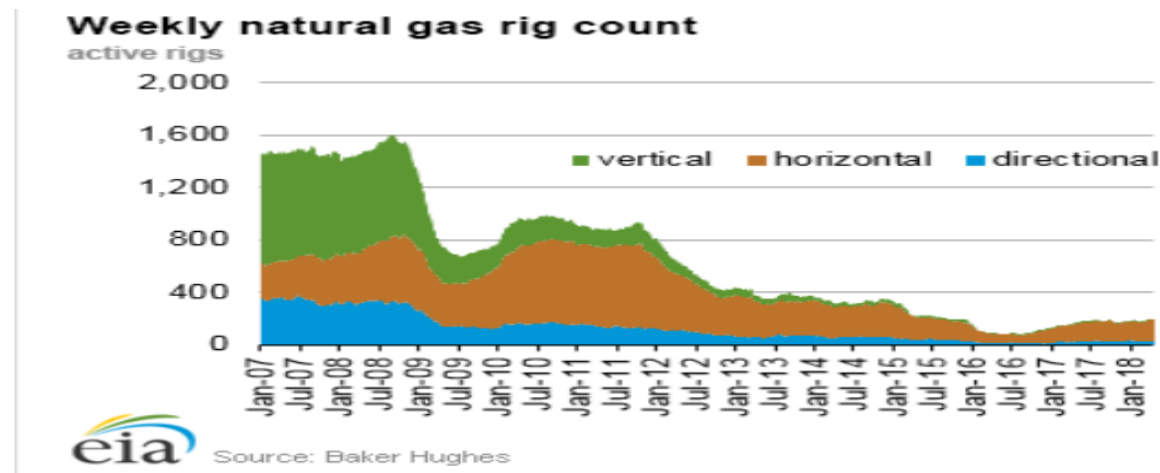
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2018-04-27	2018-04-20	change
East	223	205	18
Midwest	221	211	10
Mountain	86	84	2
Pacific	187	177	10
South Central	626	604	22
Total	1,343	1,281	62

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		
	April 2018	May 2018	change	April 2018	May 2018	change
Anadarko	397	402	5	2,768	2,787	19
Appalachia	144	145	1	15,409	15,586	177
Bakken	1,438	1,453	15	1,686	1,698	12
Eagle Ford	1,399	1,447	48	5,512	5,772	260
Haynesville	24	24	-	8,357	8,405	48
Niobrara	1,189	1,199	10	4,448	4,486	38
Permian	624	626	2	1,187	1,187	-
Total	663	671	8	3,747	3,816	69

Source: Energy Information Administration, *Drilling Productivity Report*