

National Mining Association

Weekly Statistical Summary

May 18, 2018 Edition
(Data for Week Ending May 12, 2018)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 56, No. 19
Dated 05/18/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/12/18	05/13/17	% Chng	05/12/18	05/12/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,278	13,283	7.5%	274,431	278,884	-1.6%
52 Weeks Ended	767,939	776,037	-1.0%			
AAR Coal Rail Cars Loaded:	81,523	74,290	9.7%	1,556,264	1,542,643	0.9%
Coal Production Month Ended - April	Apr 18/17		% Chng	Jan - Apr 18/17		% Chng
	59,152	58,749	0.7%	250,249	255,781	-2.2%
DOC Coal Trade (000 Tons)						
Exports:	Mar 18/17		% Chng	Jan - Mar 18/17		% 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		
	05/12/18	05/13/17	% Chng	05/12/18	05/13/17	% Chng
EI Electric Total Output (Mil. Kwh)	73,179	69,261	5.7%	1,427,291	1,374,600	3.8%
EI Coal Region Output (Mil. Kwh)	63,496	59,680	6.4%	1,229,593	1,173,183	4.8%
AISI Raw Steel Output (000 Tons)	1,747	1,718	1.7%	33,249	32,688	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)	
	05/18/18	05/11/18	% Chng	Wed.	05/16/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.40	\$60.40	0.0%	Henry Hub	2.78
Northern App, 13,000 Btu, < 3.0 SO ₂	44.30	44.30	0.0%	New York	2.32
Illinois Basin, 11,800, 5.0 SO ₂	32.70	32.70	0.0%	Chicago	2.48
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.45	12.45	0.0%	Cal.Comp.Avg.	2.24
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



EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	5/12/2018 (week 19)	5/5/2018 (week 18)	5/13/2017 (week 19)	5/12/2018	5/12/2017	% Change	5/12/2018	5/13/2017	% Change
Alabama	292	267	247	5,256	4,794	9.6	13,042	11,159	16.9
Alaska	18	17	14	311	346	-10.3	922	886	4.1
Arizona	111	107	98	2,142	2,272	-5.7	6,078	5,915	2.8
Arkansas	1	1	1	17	17	-3.3	26	50	-48.0
Colorado	285	289	310	6,181	5,696	8.5	15,491	14,717	5.3
Illinois	986	911	913	18,012	18,306	-1.6	47,942	46,627	2.8
Indiana	590	562	541	11,252	11,723	-4.0	30,877	30,751	0.4
Kentucky Total	774	761	807	15,393	16,417	-6.2	41,529	44,259	-6.2
Eastern (KY)	376	374	381	7,214	7,008	2.9	19,027	17,762	7.1
Western (KY)	399	387	426	8,179	9,409	-13.1	22,502	26,497	-15.1
Louisiana	24	29	33	777	1,161	-33.0	1,691	3,048	-44.5
Maryland	33	32	36	647	599	8.1	1,706	1,710	-0.2
Mississippi	42	45	59	961	1,103	-12.8	2,455	2,994	-18.0
Missouri	4	4	4	83	87	-4.1	240	254	-5.5
Montana	704	616	554	11,625	10,655	9.1	36,130	33,329	8.4
New Mexico	264	246	249	5,050	5,281	-4.4	12,935	13,447	-3.8
North Dakota	512	487	467	9,651	10,115	-4.6	28,263	28,688	-1.5
Ohio	146	140	168	2,710	3,303	-18.0	8,721	10,784	-19.1
Oklahoma	10	9	12	176	192	-8.6	543	620	-12.4
Pennsylvania Total	897	866	898	17,823	18,126	-1.7	48,680	49,600	-1.9
Anthracite (PA)	37	34	33	692	723	-4.3	1,848	1,789	3.3
Bituminous (PA)	860	832	865	17,132	17,403	-1.6	46,832	47,811	-2.0
Tennessee	7	7	8	150	204	-26.3	376	591	-36.4
Texas	621	577	597	11,317	12,415	-8.8	35,162	38,303	-8.2
Utah	246	236	242	4,674	5,013	-6.8	13,956	14,275	-2.2
Virginia	245	237	248	4,867	5,244	-7.2	13,296	14,171	-6.2
West Virginia Total	1,827	1,732	1,653	34,200	33,869	1.0	92,879	87,686	5.9
Northern (WV)	816	798	806	16,464	17,634	-6.6	45,510	47,269	-3.7
Southern (WV)	1,011	934	847	17,735	16,235	9.2	47,369	40,417	17.2
Wyoming	5,639	5,388	5,123	111,156	111,946	-0.7	314,999	322,174	-2.2
Appalachian Total	3,824	3,655	3,638	72,867	73,147	-0.4	197,728	193,464	2.2
Interior Total	2,676	2,526	2,587	50,774	54,413	-6.7	141,438	149,144	-5.2
Western Total	7,778	7,386	7,058	150,790	151,324	-0.4	428,773	433,430	-1.1
East of Mississippi River	5,840	5,561	5,577	111,272	113,688	-2.1	301,504	300,332	0.4
West of Mississippi River	8,438	8,006	7,706	163,160	165,196	-1.2	466,435	475,705	-1.9
Bituminous and Lignite	14,241	13,533	13,250	273,740	278,161	-1.6	766,091	774,248	-1.1
Anthracite	37	34	33	692	723	-4.3	1,848	1,789	3.3
U.S. Total	14,278	13,568	13,283	274,431	278,884	-1.6	767,939	776,037	-1.0
Railroad Cars Loaded	81,523	77,468	74,290	1,556,264	1,542,643	0.9	4,433,517	4,404,702	0.7

Source: Energy Information Administration



Weekly Electric Output

Volume 86 No. 19

OUTPUT FOR WEEK ENDED - May 12, 2018

May 16, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, May 12, 2018 was 73,179 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 189 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended May 12		52 Weeks Ended May 12	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	1,942	-2.4	120,876	-2.2
Mid-Atlantic	7,134	2.7	431,377	-0.8
Central Industrial	11,674	3.6	669,520	-0.5
West Central	6,126	3.8	330,744	0.2
Southeast	18,706	5.7	1,032,662	0.8
South Central	14,776	10.4	740,449	2.6
Rocky Mountain	5,080	13.2	277,855	0.2
Pacific Northwest	2,643	0.4	157,626	-0.1
Pacific Southwest	5,098	2.8	281,526	-0.4
Total United States	73,179	5.7	4,042,634	0.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
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 12	73,179	May 13	69,261	5.7	May 12	4,042,634	0.4
May 12	1,427,291	May 13	1,374,600	3.8	YEAR TO DATE, FIRST 19 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
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
May 12	189	May 13	169	May 14	174

* 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		
	12-May 2018 GWh Output	13-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	12-May 2018 GWh Output	13-May 2017 GWh Output	% Increase Over Corresponding Week of 2017	12-May 2018 GWh Output	13-May 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	1,942	1,990	-2.4%	43,387	43,096	0.7%	120,876	123,580	-2.2%
Mid-Atlantic	7,134	6,945	2.7%	154,632	148,229	4.3%	431,377	435,058	-0.8%
Central Industrial	11,674	11,264	3.6%	247,125	235,878	4.8%	669,520	672,700	-0.5%
West Central	6,126	5,900	3.8%	117,643	112,846	4.3%	330,744	330,029	0.2%
Southeast	18,706	17,702	5.7%	365,940	346,324	5.7%	1,032,662	1,024,218	0.8%
South Central	14,776	13,380	10.4%	251,867	237,062	6.2%	740,449	721,549	2.6%
Rocky Mountain	5,080	4,489	13.2%	92,386	92,844	-0.5%	277,855	277,191	0.2%
Pacific Northwest	2,643	2,633	0.4%	62,068	63,982	-3.0%	157,626	157,754	-0.1%
Pacific Southwest	<u>5,098</u>	<u>4,958</u>	2.8%	<u>92,242</u>	<u>94,339</u>	-2.2%	<u>281,526</u>	<u>282,662</u>	-0.4%
Total United States ^{1/}	<u>73,179</u>	<u>69,261</u>	5.7%	<u>1,427,290</u>	<u>1,374,600</u>	3.8%	<u>4,042,635</u>	<u>4,024,741</u>	0.4%
Coal Regions Only ^{2/}	63,496	59,680	6.4%	1,229,593	1,173,183	4.8%	3,482,607	3,460,745	0.6%

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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May 14, 2018

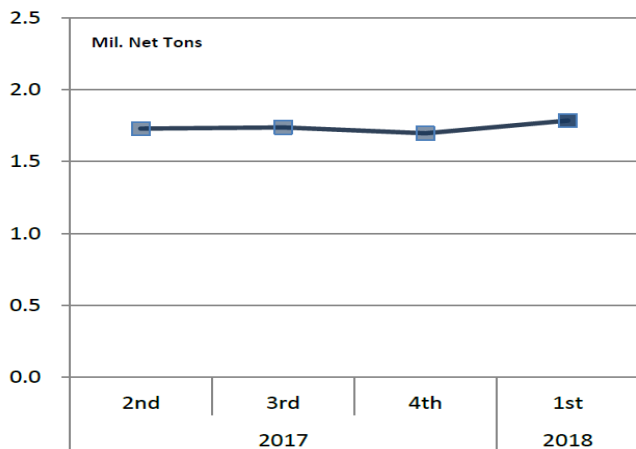
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 12</u>	<u>May 5</u>	
<u>Week Ending</u>				North East	220	216
				Great Lakes	655	670
May 12, 2018	1,747	-1.8	74.5	Midwest	165	148
May 12, 2017	1,718	1.7	73.7	Southern	637	667
May 5, 2018	1,779	1.4	75.9	Western	<u>70</u>	<u>78</u>
				Total	1,747	1,779
<u>Year-to-Date +</u>						
May 12, 2018	33,249	1.7	75.5			
May 12, 2017	32,688	-	74.3			

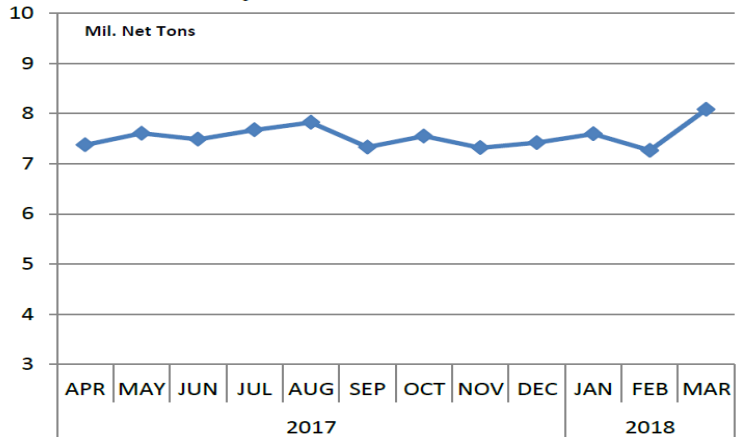
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 19, 2018 – Ended May 12, 2018

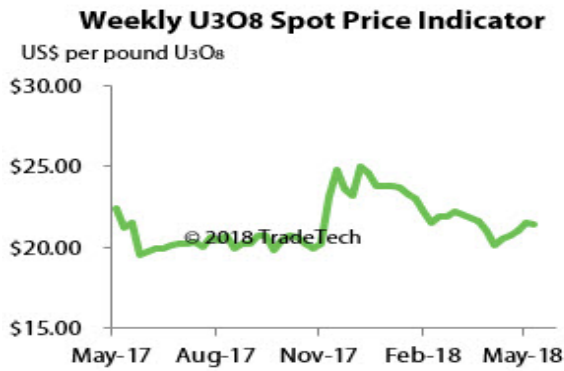
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	267,196	5.3%	4,879,984	256,841	1.1%
Chemicals	32,431	3.6%	615,751	32,408	3.6%
Coal	81,523	9.9%	1,564,886	82,362	0.8%
Farm Products excl. Grain, and Food	16,093	0.1%	306,760	16,145	0.5%
Forest Products	10,422	0.6%	191,587	10,084	1.1%
Grain	24,217	3.8%	437,390	23,021	-0.4%
Metallic Ores and Metals	23,875	-1.3%	419,357	22,071	1.4%
Motor Vehicles and Parts	16,915	-7.8%	319,737	16,828	-3.2%
Nonmetallic Minerals	42,383	15.6%	654,595	34,452	3.8%
Petroleum and Petroleum Products	10,148	8.2%	193,024	10,159	3.3%
Other	9,189	-6.7%	176,897	9,310	-3.6%
Total Intermodal Units	282,833	6.3%	5,158,588	271,505	5.9%
Total Traffic	550,029	5.8%	10,038,572	528,346	3.5%

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.

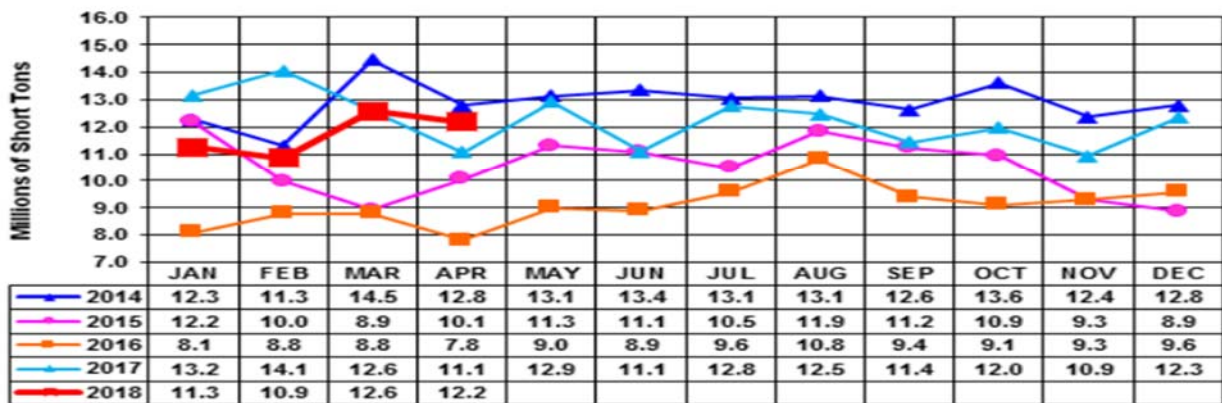
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

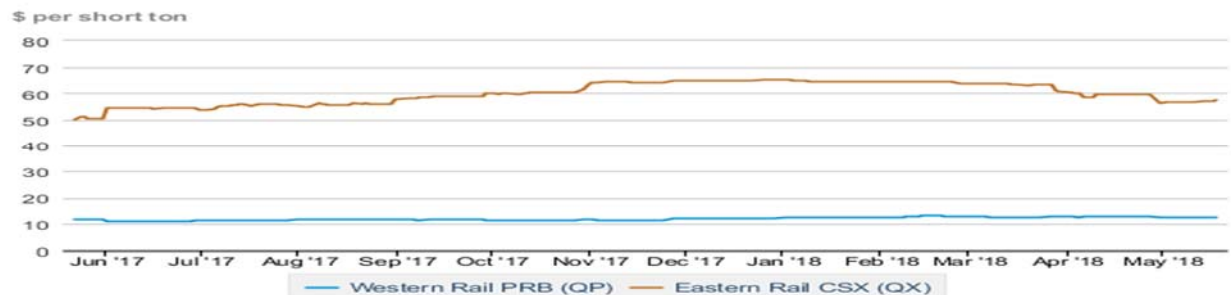
Coal and Coke Monthly Indicator for Internal U.S. Waterways



Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center

NYMEX Coal Futures Near-month Contract Final Settlement Price

NYMEX coal futures near-month contract final settlement price



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

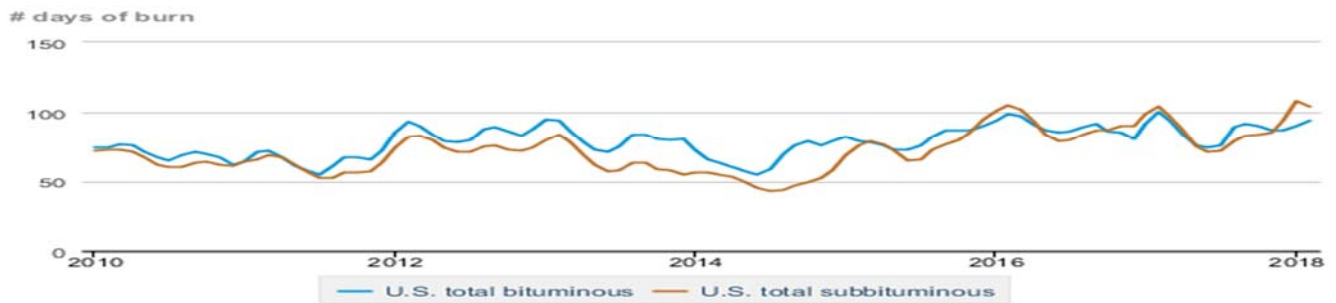
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/20/18	04/27/18	05/04/18	05/11/18	05/18/18	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.45	\$60.40	\$60.40	\$60.40	\$60.40	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.05	\$44.30	\$44.30	\$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	\$12.45	\$12.45	\$12.45	\$12.45	\$12.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$42.05	\$41.70	\$41.70	\$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 May 10)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	59	-22	-42	0	0	0
Middle Atlantic	32	-34	-61	4	3	4
E N Central	42	-29	-62	1	-4	1
W N Central	42	-20	-4	9	2	0
South Atlantic	4	-23	-42	48	19	22
E S Central	9	-16	-33	31	11	16
W S Central	11	4	-2	34	-9	0
Mountain	36	-38	-10	26	12	9
Pacific	8	-38	-33	6	0	0
United States	26	-26	-38	19	4	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*

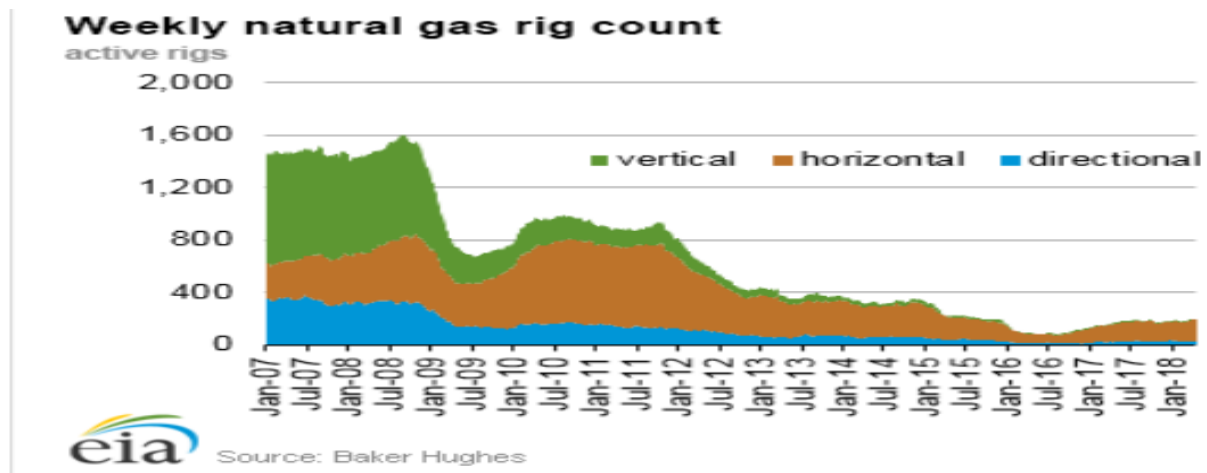
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2018-05-11	2018-05-04	change
East	275	243	32
Midwest	267	240	27
Mountain	98	92	6
Pacific	204	195	9
South Central	694	662	32
Total	1,538	1,432	106

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		
	May 2018	June 2018	change	May 2018	June 2018	change
Anadarko	402	407	5	2,787	2,806	19
Appalachia	145	145	-	15,538	15,704	166
Bakken	1,453	1,463	10	1,688	1,696	8
Eagle Ford	1,479	1,532	53	5,606	5,900	294
Haynesville	24	24	-	8,388	8,444	56
Niobrara	1,182	1,190	8	4,474	4,511	37
Permian	637	639	2	1,190	1,191	1
Total	678	690	12	3,795	3,813	18

Source: Energy Information Administration, *Drilling Productivity Report*