

National Mining Association

Weekly Statistical Summary

February 9, 2018 Edition
(Data for Week Ending February 3, 2018)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 56, No. 5
Dated 02/09/18

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/03/18	02/04/17	% Chng	02/03/18	02/03/17	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	15,872	16,749	-5.2%	69,938	75,915	-7.9%
52 Weeks Ended	764,147	747,514	2.2%			
AAR Coal Rail Cars Loaded:	89,644	92,222	-2.8%	396,265	417,983	-5.2%
Coal Production	Dec 17/16		% Chng	Jan - Dec 17/16		% Chng
Month Ended - December	62,522	63,311	-1.2%	772,302	728,364	6.0%
DOC Coal Trade (000 Tons)						
Exports:	Dec 17/16		% Chng	Jan - Dec 17/16		% Chng
Metallurgical	5,022	4,639	8.3%	55,255	40,930	35.0%
Steam *	4,433	3,282	35.1%	41,383	18,918	118.7%
Lignite	7	7	0.0%	78	71	9.9%
Anthracite	37	4	825.0%	293	401	-26.9%
Total	9,499	7,932	19.8%	97,009	60,320	60.8%
Imports:	408	652	-37.4%	7,777	9,850	-21.0%
	Week Ended			Cumulative Week 1 to		
	02/03/18	02/04/17	% Chng	02/03/18	02/04/17	% Chng
EI Electric Total Output (Mil. Kwh)	77,889	76,896	1.3%	416,351	388,249	7.2%
EI Coal Region Output (Mil. Kwh)	67,071	65,450	2.5%	361,154	330,039	9.4%
AISI Raw Steel Output (000 Tons)	1,747	1,751	-0.2%	8,269	8,447	-2.1%

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)	
	02/02/18	01/26/18	% Chng	Wed.	01/31/18
Central App, 12,500 Btu, 1.2 SO ₂	\$60.10	\$60.10	0.0%	Henry Hub	3.21
Northern App, 13,000 Btu, < 3.0 SO ₂	45.05	45.05	0.0%	New York	4.53
Illinois Basin, 11,800, 5.0 SO ₂	32.60	32.60	0.0%	Chicago	3.11
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.54
Uinta Basin, 11,700 Btu, 0.8 SO ₂	41.60	41.60	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: Energy Information Administration; 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		
	2/3/2018 (week 5)	1/27/2018 (week 4)	2/4/2017 (week 5)	2/3/2018	2/3/2017	% Change	2/3/2018	2/4/2017	% Change
Alabama	311	287	278	1,334	1,261	5.8	12,621	10,107	24.9
Alaska	18	16	22	76	100	-23.7	849	929	-8.6
Arizona	127	117	142	546	642	-15.0	5,780	5,629	2.7
Arkansas	1	1	1	4	4	3.4	36	50	-28.0
Colorado	359	368	322	1,624	1,458	11.4	15,685	13,280	18.1
Illinois	1,054	989	1,078	4,564	4,886	-6.6	47,462	44,778	6.0
Indiana	658	622	713	2,863	3,231	-11.4	30,711	29,632	3.6
Kansas								18	
Kentucky Total	889	868	973	3,932	4,409	-10.8	42,303	43,523	-2.8
Eastern (KY)	398	408	396	1,796	1,796	s	18,327	17,056	7.5
Western (KY)	491	460	576	2,136	2,613	-18.2	23,976	26,466	-9.4
Louisiana	56	44	81	227	368	-38.5	2,189	2,953	-25.9
Maryland	35	38	32	164	146	11.8	1,789	1,630	9.8
Mississippi	56	57	63	252	285	-11.7	2,727	2,901	-6.0
Missouri	5	5	5	21	23	-7.7	250	243	2.9
Montana	628	628	616	2,821	2,791	1.1	33,804	32,678	3.4
New Mexico	295	284	318	1,299	1,442	-10.0	13,452	13,363	0.7
North Dakota	548	533	615	2,426	2,787	-12.9	27,682	28,535	-3.0
Ohio	151	150	193	674	874	-22.9	8,621	12,132	-28.9
Oklahoma	9	10	10	43	47	-8.3	534	645	-17.2
Pennsylvania Total	1,036	1,014	1,071	4,589	4,853	-5.4	49,186	47,355	3.9
Anthracite (PA)	40	39	44	177	201	-12.1	1,782	1,720	3.6
Bituminous (PA)	996	975	1,026	4,413	4,652	-5.1	47,404	45,635	3.9
Tennessee	9	8	13	40	59	-31.2	455	634	-28.2
Texas	640	617	743	2,824	3,366	-16.1	34,433	39,089	-11.9
Utah	267	258	300	1,177	1,358	-13.3	13,247	14,222	-6.9
Virginia	286	274	316	1,254	1,432	-12.5	13,638	13,734	-0.7
West Virginia Total	2,008	1,863	2,013	8,657	9,125	-5.1	89,745	82,666	8.6
Northern (WV)	979	921	1,077	4,256	4,880	-12.8	45,272	45,041	0.5
Southern (WV)	1,029	942	937	4,400	4,245	3.7	44,473	37,625	18.2
Wyoming	6,423	6,284	6,833	28,528	30,967	-7.9	316,948	306,784	3.3
Appalachian Total	4,235	4,041	4,313	18,507	19,547	-5.3	194,383	185,316	4.9
Interior Total	2,971	2,804	3,270	12,934	14,823	-12.7	142,319	146,776	-3.0
Western Total	8,666	8,488	9,166	38,497	41,545	-7.3	427,446	415,422	2.9
East of Mississippi River	6,495	6,169	6,743	28,322	30,562	-7.3	299,259	289,094	3.5
West of Mississippi River	9,378	9,164	10,006	41,615	45,353	-8.2	464,889	458,420	1.4
Bituminous and Lignite	15,832	15,294	16,705	69,761	75,714	-7.9	762,365	745,794	2.2
Anthracite	40	39	44	177	201	-12.1	1,782	1,720	3.6
U.S. Total	15,872	15,333	16,749	69,938	75,915	-7.9	764,147	747,514	2.2
Railroad Cars Loaded	89,644	86,586	92,222	396,265	417,983	-5.2	4,395,845	4,224,857	4.0

Source: Energy Information Administration



Weekly Electric Output

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OUTPUT FOR WEEK ENDED - Feb 03, 2018

Feb 07, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Feb 03, 2018 was 77,889 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 162 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 03		52 Weeks Ended February 03	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,484	1.1	121,478	-1.8
Mid-Atlantic	8,804	2.6	428,698	-1.5
Central Industrial	13,492	1.4	662,526	-1.8
West Central	6,589	2.4	327,488	-0.8
Southeast	20,213	4.1	1,027,736	0.2
South Central	12,833	4.3	733,923	2.6
Rocky Mountain	5,140	-4.9	276,945	0.4
Pacific Northwest	3,427	-11.4	156,935	1.5
Pacific Southwest	4,907	-4.2	282,315	-0.5
Total United States	77,889	1.3	4,018,044	0.0

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Jan 13	81,383	Jan 14	80,521	1.1	Jan 13	4,002,222	-0.7
Jan 20	87,813	Jan 21	73,665	19.2	Jan 20	4,016,370	-0.1
Jan 27	75,934	Jan 28	75,253	0.9	Jan 27	4,017,051	0.0
Feb 03	77,889	Feb 04	76,896	1.3	Feb 03	4,018,044	0.0
Feb 03	416,351	Feb 04	388,249	7.2	YEAR TO DATE, FIRST 5 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2018	Week Ended	2017	Week Ended	2016
Jan 13	175	Jan 14	177	Jan 16	182
Jan 20	191	Jan 21	161	Jan 23	193
Jan 27	168	Jan 28	167	Jan 30	176
Feb 03	162	Feb 04	160	Feb 06	167

* 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		
	3-Feb 2018 GWh Output	4-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	3-Feb 2018 GWh Output	4-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017	3-Feb 2018 GWh Output	4-Feb 2017 GWh Output	% Increase Over Corresponding Week of 2017
New England	2,484	2,456	1.1%	13,037	12,142	7.4%	121,478	123,701	-1.8%
Mid-Atlantic	8,804	8,582	2.6%	46,137	42,410	8.8%	428,698	435,258	-1.5%
Central Industrial	13,492	13,310	1.4%	70,932	66,680	6.4%	662,526	674,942	-1.8%
West Central	6,589	6,433	2.4%	33,902	32,366	4.7%	327,488	330,225	-0.8%
Southeast	20,213	19,409	4.1%	111,992	97,301	15.1%	1,027,736	1,025,927	0.2%
South Central	12,833	12,309	4.3%	71,645	63,366	13.1%	733,923	715,587	2.6%
Rocky Mountain	5,140	5,407	-4.9%	26,546	27,916	-4.9%	276,945	275,813	0.4%
Pacific Northwest	3,427	3,869	-11.4%	17,598	20,201	-12.9%	156,935	154,620	1.5%
Pacific Southwest	4,907	5,121	-4.2%	24,561	25,867	-5.0%	282,315	283,816	-0.5%
Total United States ^{1/}	<u>77,889</u>	<u>76,896</u>	1.3%	416,350	388,249	7.2%	4,018,044	4,019,889	0.0%
Coal Regions Only ^{2/}	67,071	65,450	2.5%	361,154	330,039	9.4%	3,457,316	3,457,752	0.0%

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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February 5, 2018

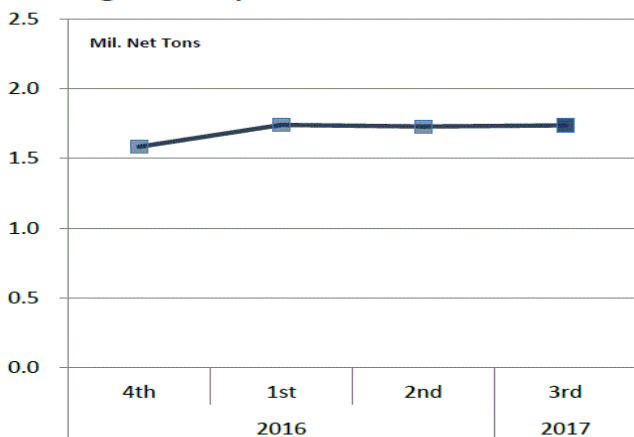
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Feb 3</u>	<u>Jan 27</u>	
<u>Week Ending</u>				North East	211	215
				Great Lakes	653	650
February 3, 2018	1,747	1.6	75.0	Midwest	162	159
February 3, 2017	1,751	-0.2	75.1	Southern	646	629
January 27, 2018	1,719	1.5	73.8	Western	75	66
				Total	1,747	1,719
<u>Year-to-Date +</u>						
February 3, 2018	8,269	-2.1	73.0			
February 3, 2017	8,447	-	74.6			

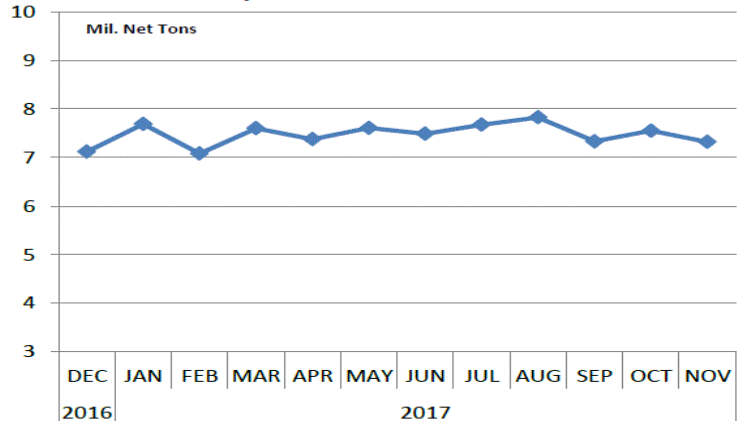
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 5, 2018 – Ended February 3, 2018

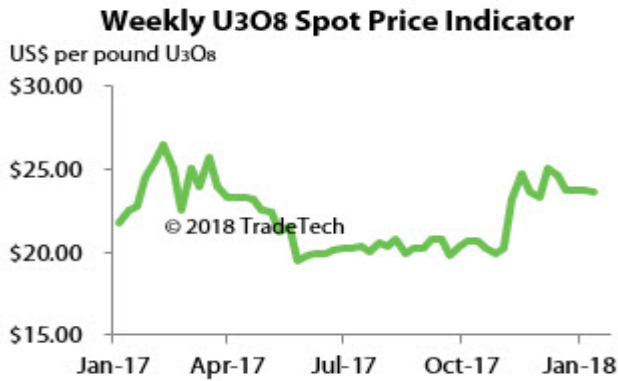
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk ²	vs 2017
Total Carloads	265,157	-1.4%	1,217,405	243,481	-3.4%
Chemicals	33,443	2.3%	154,382	30,876	0.5%
Coal	89,644	-3.0%	404,887	80,977	-5.8%
Farm Products excl. Grain, and Food	16,165	-6.8%	77,177	15,435	-3.9%
Forest Products	10,588	5.3%	49,850	9,970	2.8%
Grain	24,699	-4.0%	112,083	22,417	-5.8%
Metallic Ores and Metals	20,984	5.8%	101,371	20,274	-2.2%
Motor Vehicles and Parts	16,329	-12.6%	74,309	14,862	-10.1%
Nonmetallic Minerals	32,690	2.4%	144,141	28,828	0.3%
Petroleum and Petroleum Products	10,797	7.0%	53,508	10,702	6.4%
Other	9,818	-2.1%	45,697	9,139	-5.2%
Total Intermodal Units	282,836	6.3%	1,310,141	262,028	3.5%
Total Traffic	547,993	2.5%	2,527,546	505,509	0.1%

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.

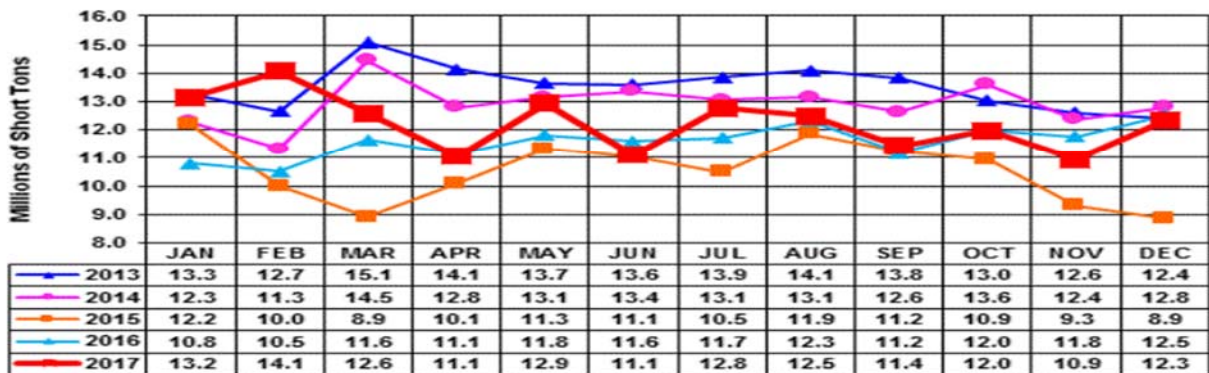
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's Uranium Price Indicators



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

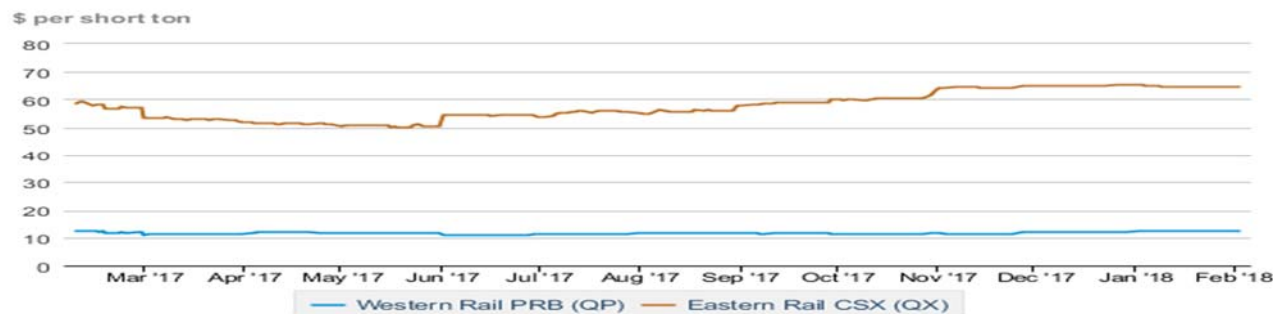
Coal and Coke Monthly Indicator for Internal U.S. Waterways



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

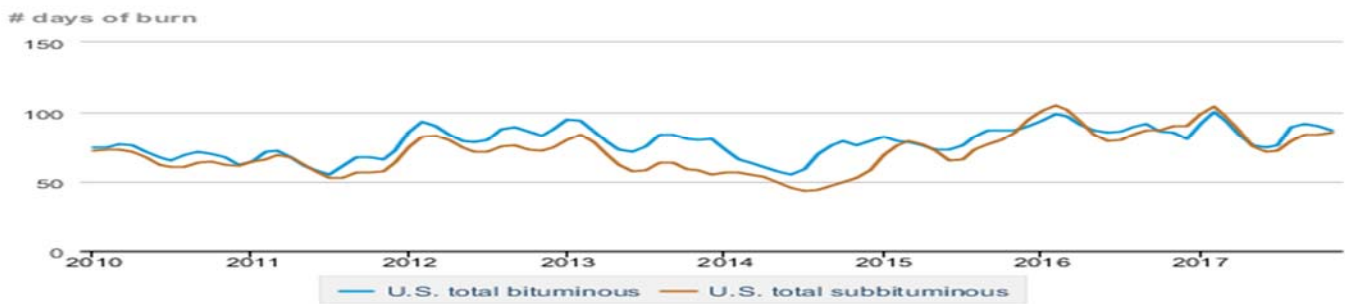
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago change
	01/05/18	01/12/18	01/19/18	01/26/18	02/02/18	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$58.50	\$58.50	\$58.50	\$60.10	\$60.10	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.15	\$45.15	\$45.15	\$45.05	\$45.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$32.60	\$32.60	\$32.60	\$32.60	\$32.60	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.25	\$12.25	\$12.25	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$41.60	\$41.60	\$41.60	\$41.60	\$41.60	\$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 - November 2017



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 25)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	222	-53	36	0	0	0
Middle Atlantic	205	-58	36	0	0	0
E N Central	211	-85	45	0	0	0
W N Central	217	-97	21	0	0	0
South Atlantic	137	-45	42	6	-2	-6
E S Central	150	-37	74	0	-1	0
W S Central	103	-34	48	2	-2	-5
Mountain	206	-23	-16	0	0	0
Pacific	122	4	-22	0	-1	0
United States	174	-50	27	1	-1	-2

Note: HDD = heating degree day; CDD = cooling degree day

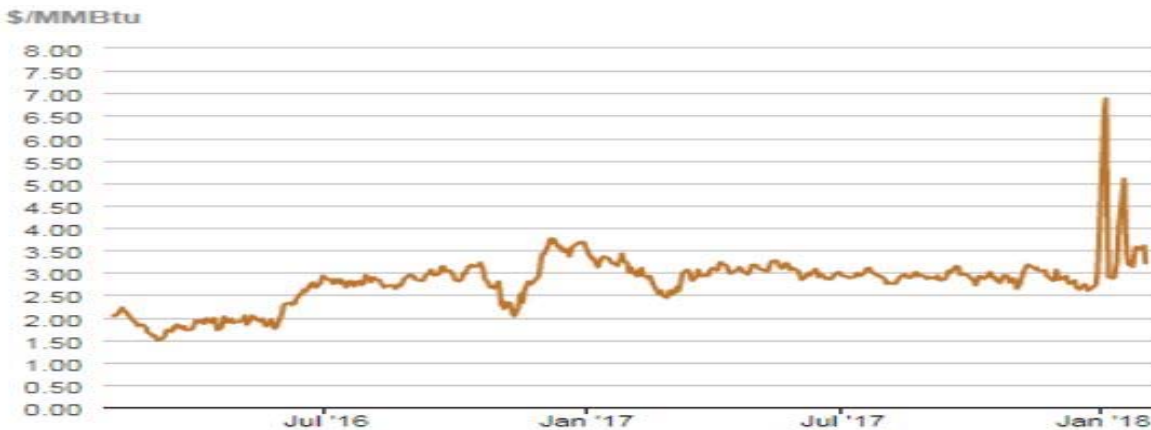
Source: National Oceanic and Atmospheric Administration

Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2017 Year to Date - 3rd Quarter	2016 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	730.0	723.0	1%
Cement (Mil. Mt.)	63.2	62.2	2%
Copper (000 Mt.)	956.0	1,080.0	-11%
Gold (Mt.)	185.0	163.0	13%
Gypsum (Mil. Mt.)	12.4	12.4	0%
Iron Ore (Mil. Mt.)	34.5	29.3	18%
Lead (000 Mt.)	227.0	260.0	-13%
Molybdenum (000 Mt.)	29.8	25.7	16%
Phosphate rock (Mil. Mt.)	20.7	20.6	0%
Sand & gravel, construction (Mil. Mt.)	673.0	680.0	-1%
Silver (Mt.)	771.0	856.0	-10%
Soda ash (Mil. Mt.)	8.8	8.8	0%
Stone, crushed (Mil. Mt.)	1,010.0	1,030.0	-2%
Zinc (000 Mt.)	534.0	596.0	-10%

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*. Data latest available.

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	November 2017		November 2016		% Change of Stocks	October 2017		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	4,307	79	5,971	77	-27.9%	4,714	90	-8.6%
	Subbituminous	163	92	153	63	6.6%	146	99	11.3%
South	Bituminous	28,233	91	30,712	82	-8.1%	27,570	92	2.4%
	Subbituminous	5,566	64	6,491	75	-14.2%	5,359	64	3.9%
Midwest	Bituminous	13,635	81	17,151	90	-20.5%	13,270	83	2.8%
	Subbituminous	37,940	87	45,247	85	-16.1%	37,476	84	1.2%
West	Bituminous	5,133	90	6,099	93	-15.8%	5,312	91	-3.4%
	Subbituminous	26,830	90	34,098	102	-21.3%	26,295	89	2.0%
U.S. Total	Bituminous	51,308	87	59,933	85	-14.4%	50,867	90	0.9%
	Subbituminous	70,500	85	85,988	90	-18.0%	69,276	84	1.8%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

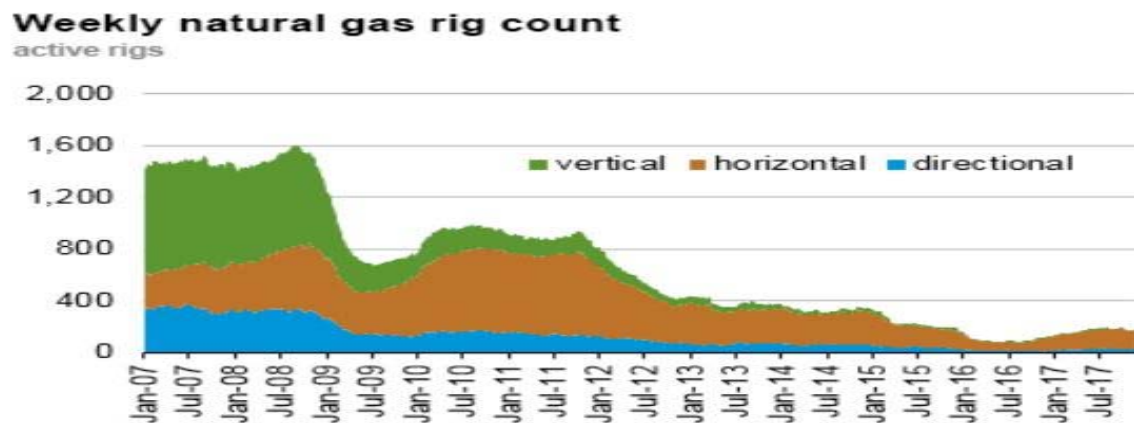
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2018-01-26	2018-01-19	change
East	525	555	-30
Midwest	596	634	-38
Mountain	137	145	-8
Pacific	220	233	-13
South Central	719	729	-10
Total	2,197	2,296	-99

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Natural Gas Weekly Update*.

EIA Natural Gas Rig Count and Price Trend



Source: Baker Hughes

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		
	January 2018	February 2018	change	January 2018	February 2018	change
Anadarko	387	392	5	2,660	2,677	17
Appalachia	144	144	-	14,730	14,903	173
Bakken	1,386	1,393	7	1,681	1,700	19
Eagle Ford	1,200	1,281	81	4,750	5,013	263
Haynesville	31	31	-	8,102	8,119	17
Niobrara	1,119	1,132	13	4,290	4,313	23
Permian	628	632	4	1,171	1,186	15
Total	642	650	8	3,570	3,659	89

Source: Energy Information Administration, *Drilling Productivity Report*