

# National Mining Association

## Weekly Statistical Summary

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January 12, 2018 Edition  
(Data for Week Ending January 6, 2018)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 56, No. 1  
Dated 01/12/18

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/06/18	01/07/17	% Chng	01/06/18	01/06/17	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	12,065	13,553	-11.0%	10,613	11,791	-10.0%
52 Weeks Ended	769,361	738,776	4.1%			
AAR Coal Rail Cars Loaded:	69,973	74,624	-6.2%	61,351	64,925	-5.5%
Coal Production Month Ended - December	<b>Dec 17/16</b>		<b>% Chng</b>	<b>Jan - Dec 17/16</b>		<b>% Chng</b>
	62,522	63,311	-1.2%	772,302	728,364	6.0%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Nov 17/16</b>		<b>% Chng</b>	<b>Jan - Nov 17/16</b>		<b>% Chng</b>
Metallurgical	5,105	3,844	32.8%	50,232	36,292	38.4%
Steam *	4,433	2,670	66.0%	36,950	15,636	136.3%
Lignite	6	6	0.0%	71	64	10.9%
Anthracite	14	38	-63.2%	256	397	-35.5%
<b>Total</b>	9,558	6,558	45.7%	87,509	52,389	67.0%
<b>Imports:</b>	368	706	-47.9%	7,369	9,197	-19.9%
	<b>Week Ended</b>			<b>Cumulative Week 1 to</b>		
	<b>01/06/18</b>	<b>01/07/17</b>	<b>% Chng</b>	<b>01/06/18</b>	<b>01/07/17</b>	<b>% Chng</b>
<b>EI Electric Total Output (Mil. Kwh)</b>	93,331	81,914	13.9%	93,331	81,914	13.9%
<b>EI Coal Region Output (Mil. Kwh)</b>	81,846	69,962	17.0%	81,846	69,962	17.0%
<b>AISI Raw Steel Output (000 Tons)</b>	1,649	1,736	-5.0%	1,649	1,736	-5.0%

## 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)	
	01/05/18	12/29/17	% Chng	Wed.	01/03/18
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$58.50	\$59.85	-2.3%	Henry Hub	6.88
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	45.15	46.20	-2.3%	New York	48.38
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	32.60	32.60	0.0%	Chicago	6.49
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.25	12.10	1.2%	Cal.Comp.Avg.	3.94
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	41.60	41.10	1.2%		

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



EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/6/2018 (week 1)	12/30/2017 (week 52)	1/7/2017 (week 1)	1/6/2018	1/6/2017	% Change	1/6/2018	1/7/2017	% Change
Alabama	222	181	225	199	196	1.4	12,558	9,824	27.8
Alaska	13	11	18	11	16	-28.5	868	944	-8.1
Arizona	92	77	115	81	100	-19.2	5,860	5,513	6.3
Arkansas	1	1	1	1	1	12.5	36	50	-28.0
Colorado	286	230	260	255	226	12.5	15,555	12,849	21.1
Illinois	769	644	872	684	759	-9.8	47,736	44,244	7.9
Indiana	489	400	577	430	502	-14.3	31,025	29,213	6.2
Kansas	.	.	.	.	.	.	.	26	.
<b>Kentucky Total</b>	<b>680</b>	<b>565</b>	<b>787</b>	<b>601</b>	<b>685</b>	<b>-12.2</b>	<b>42,720</b>	<b>43,461</b>	<b>-1.7</b>
Eastern (KY)	316	241	321	282	279	1.1	18,340	17,009	7.8
Western (KY)	364	324	466	319	406	-21.5	24,380	26,451	-7.8
Louisiana	36	36	66	31	57	-46.7	2,306	2,851	-19.1
Maryland	29	25	26	26	23	15.3	1,776	1,635	8.6
Mississippi	44	36	51	39	44	-11.2	2,757	2,907	-5.2
Missouri	4	3	4	3	4	-8.5	252	237	6.3
Montana	495	470	498	435	433	0.3	33,790	32,699	3.3
New Mexico	223	191	258	197	224	-12.2	13,576	13,521	0.4
North Dakota	421	369	498	369	433	-14.7	27,994	28,488	-1.7
Ohio	118	104	156	104	136	-23.7	8,794	12,649	-30.5
Oklahoma	8	7	8	7	7	-5.0	538	660	-18.5
<b>Pennsylvania Total</b>	<b>795</b>	<b>676</b>	<b>866</b>	<b>702</b>	<b>754</b>	<b>-6.9</b>	<b>49,424</b>	<b>46,564</b>	<b>6.1</b>
Anthracite (PA)	30	26	36	27	31	-13.1	1,803	1,692	6.6
Bituminous (PA)	765	651	831	675	723	-6.6	47,621	44,871	6.1
Tennessee	7	6	10	6	9	-35.3	471	651	-27.6
Texas	488	456	601	427	523	-18.3	34,898	39,422	-11.5
Utah	203	177	242	178	211	-15.4	13,403	14,151	-5.3
Virginia	215	179	256	189	222	-14.8	13,791	13,557	1.7
<b>West Virginia Total</b>	<b>1,458</b>	<b>1,220</b>	<b>1,629</b>	<b>1,290</b>	<b>1,417</b>	<b>-9.0</b>	<b>90,136</b>	<b>81,104</b>	<b>11.1</b>
Northern (WV)	726	614	871	637	758	-15.9	45,802	44,209	3.6
Southern (WV)	732	607	758	652	659	-1.1	44,334	36,895	20.2
Wyoming	4,971	4,418	5,529	4,349	4,810	-9.6	319,096	301,559	5.8
<b>Appalachian Total</b>	<b>3,160</b>	<b>2,633</b>	<b>3,490</b>	<b>2,797</b>	<b>3,036</b>	<b>-7.9</b>	<b>195,291</b>	<b>182,992</b>	<b>6.7</b>
<b>Interior Total</b>	<b>2,202</b>	<b>1,906</b>	<b>2,646</b>	<b>1,941</b>	<b>2,302</b>	<b>-15.7</b>	<b>143,928</b>	<b>146,061</b>	<b>-1.5</b>
<b>Western Total</b>	<b>6,703</b>	<b>5,943</b>	<b>7,417</b>	<b>5,875</b>	<b>6,453</b>	<b>-9.0</b>	<b>430,143</b>	<b>409,724</b>	<b>5.0</b>
<b>East of Mississippi River</b>	<b>4,826</b>	<b>4,038</b>	<b>5,456</b>	<b>4,270</b>	<b>4,747</b>	<b>-10.1</b>	<b>301,188</b>	<b>285,806</b>	<b>5.4</b>
<b>West of Mississippi River</b>	<b>7,239</b>	<b>6,444</b>	<b>8,097</b>	<b>6,343</b>	<b>7,044</b>	<b>-10.0</b>	<b>468,173</b>	<b>452,971</b>	<b>3.4</b>
Bituminous and Lignite	12,034	10,457	13,517	10,586	11,760	-10.0	767,558	737,084	4.1
Anthracite	30	26	36	27	31	-13.1	1,803	1,692	6.6
<b>U.S. Total</b>	<b>12,065</b>	<b>10,482</b>	<b>13,553</b>	<b>10,613</b>	<b>11,791</b>	<b>-10.0</b>	<b>769,361</b>	<b>738,776</b>	<b>4.1</b>
Railroad Cars Loaded	69,973	62,348	74,624	61,351	64,925	-5.5	4,416,280	4,171,472	5.9

Source: Energy Information Administration



# Weekly Electric Output

Volume 86 No. 1

**OUTPUT FOR WEEK ENDED - Jan 06, 2018**

Jan 10, 2018

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, Jan 06, 2018 was 93,331 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 210 on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**  
(48 CONTIGUOUS STATES)

	Week Ended January 06		52 Weeks Ended January 06	
	GWh Output	% Increase Over Corresponding Week of 2017	GWh Output	% Increase Over Corresponding Period of 2017
New England	2,923	19.4	121,060	-2.3
Mid-Atlantic	10,498	23.3	426,953	-2.1
Central Industrial	15,847	14.0	660,224	-2.5
West Central	7,347	9.9	326,613	-1.3
Southeast	26,538	24.4	1,018,244	-1.4
South Central	16,295	17.9	728,117	1.5
Rocky Mountain	5,321	-6.7	277,933	0.9
Pacific Northwest	3,719	-16.2	158,819	4.0
Pacific Southwest	4,843	-4.4	283,396	0.2
Total United States	93,331	13.9	4,001,359	-0.7

**WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh**

Week Ended	2018	Week Ended	2017	% Inc. (18/17)	52 Weeks Ended	2018	% Inc. (18/17)
Dec 16	81,207	Dec 17	81,602	-0.5	Dec 16	3,985,831	-0.8
Dec 23	76,393	Dec 24	81,466	-6.2	Dec 23	3,980,758	-1.2
Dec 30	82,002	Dec 31	72,818	12.6	Dec 30	3,989,942	-0.9
Jan 06	93,331	Jan 07	81,914	13.9	Jan 06	4,001,359	-0.7
Jan 06	93,331	Jan 07	81,914	13.9	YEAR TO DATE, FIRST 1 WEEKS		

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

Week Ended	2018	Week Ended	2017	Week Ended	2016
Dec 16	203	Dec 17	194	Dec 19	169
Dec 23	192	Dec 24	203	Dec 26	156
Dec 30	218	Dec 31	181	Jan 02	178
Jan 06	210	Jan 07	188	Jan 09	181

\* 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		
	6-Jan 2018 GWh Output	7-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	6-Jan 2018 GWh Output	7-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017	6-Jan 2018 GWh Output	7-Jan 2017 GWh Output	% Increase Over Corresponding Week of 2017
<b>New England</b>	2,923	2,447	19.5%	<b>2,923</b>	<b>2,447</b>	<b>19.5%</b>	121,060	123,889	-2.3%
<b>Mid-Atlantic</b>	10,498	8,517	23.3%	<b>10,498</b>	<b>8,517</b>	<b>23.3%</b>	426,953	435,971	-2.1%
<b>Central Industrial</b>	15,847	13,899	14.0%	<b>15,847</b>	<b>13,899</b>	<b>14.0%</b>	660,224	677,033	-2.5%
<b>West Central</b>	7,347	6,686	9.9%	<b>7,347</b>	<b>6,686</b>	<b>9.9%</b>	326,613	331,022	-1.3%
<b>Southeast</b>	26,538	21,338	24.4%	<b>26,538</b>	<b>21,338</b>	<b>24.4%</b>	1,018,244	1,032,636	-1.4%
<b>South Central</b>	16,295	13,821	17.9%	<b>16,295</b>	<b>13,821</b>	<b>17.9%</b>	728,117	717,443	1.5%
<b>Rocky Mountain</b>	5,321	5,701	-6.7%	<b>5,321</b>	<b>5,701</b>	<b>-6.7%</b>	277,933	275,477	0.9%
<b>Pacific Northwest</b>	3,719	4,437	-16.2%	<b>3,719</b>	<b>4,437</b>	<b>-16.2%</b>	158,819	152,780	4.0%
<b>Pacific Southwest</b>	4,843	5,068	-4.4%	<b>4,843</b>	<b>5,068</b>	<b>-4.4%</b>	283,396	282,837	0.2%
<b>Total United States</b> <sup>1/</sup>	93,331	81,914	13.9%	<b>93,331</b>	<b>81,914</b>	<b>13.9%</b>	4,001,359	4,029,088	-0.7%
<b>Coal Regions Only</b> <sup>2/</sup>	81,846	69,962	17.0%	<b>81,846</b>	<b>69,962</b>	<b>17.0%</b>	3,438,084	3,469,582	-0.9%

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.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE  
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January 8, 2018

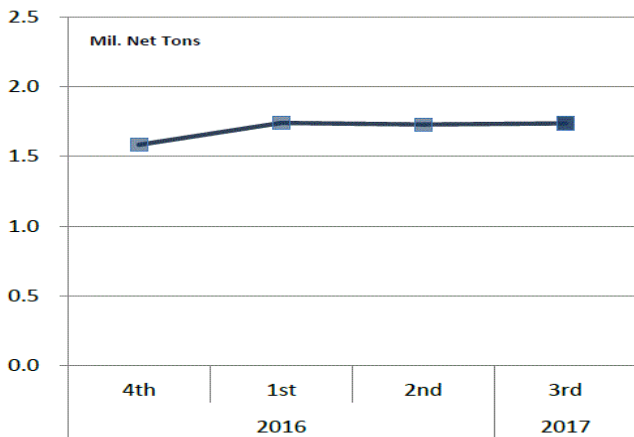
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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>Jan 6</u>	<u>Dec 30</u>	
<b><u>Week Ending</u></b>				North East	215	213
				Great Lakes	640	594
January 6, 2018	1,649	0.7	70.7	Midwest	158	158
January 6, 2017	1,736	-5.0	74.5	Southern	570	604
December 30, 2017	1,637	-4.7	70.2	Western	66	68
				<b>Total</b>	<b>1,649</b>	<b>1,637</b>
<b><u>Year-to-Date +</u></b>						
January 6, 2018	1,649	-5.0	70.7			
January 6, 2017	1,736	-	74.5			

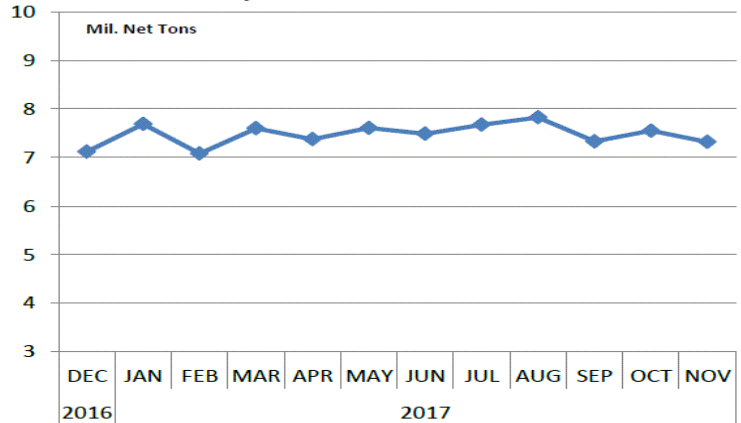
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 fourth quarter 2017 is approximately 30.6 million net tons vs. 30.7 million net tons for the same period last year, and 30.6 million tons for the third 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](http://www.kitco.com/connecting.html)



Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

**U.S. Rail Traffic<sup>1</sup>**  
**Week 1, 2018 – Ended January 6, 2018**

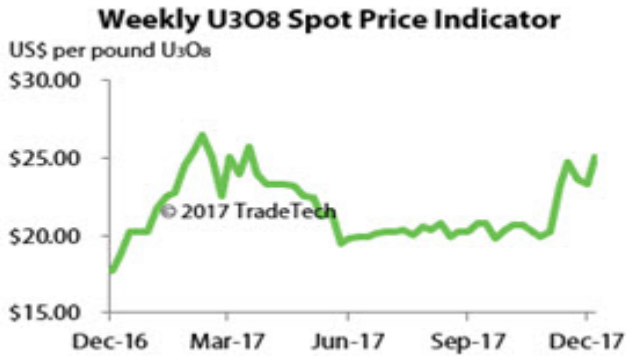
	This Week		Year-To-Date		
	Cars	vs 2017	Cumulative	Avg/wk <sup>2</sup>	vs 2017
<b>Total Carloads</b>	<b>208,646</b>	<b>-5.2%</b>	<b>208,646</b>	<b>208,646</b>	<b>-5.2%</b>
Chemicals	28,238	-1.1%	28,238	28,238	-1.1%
Coal	69,973	-6.1%	69,973	69,973	-6.1%
Farm Products excl. Grain, and Food	13,437	-2.1%	13,437	13,437	-2.1%
Forest Products	8,611	-4.7%	8,611	8,611	-4.7%
Grain	19,638	-8.9%	19,638	19,638	-8.9%
Metallic Ores and Metals	19,121	-6.2%	19,121	19,121	-6.2%
Motor Vehicles and Parts	10,469	-7.9%	10,469	10,469	-7.9%
Nonmetallic Minerals	21,872	-9.0%	21,872	21,872	-9.0%
Petroleum and Petroleum Products	9,640	8.3%	9,640	9,640	8.3%
Other	7,647	-4.1%	7,647	7,647	-4.1%
<b>Total Intermodal Units</b>	<b>207,216</b>	<b>-3.9%</b>	<b>207,216</b>	<b>207,216</b>	<b>-3.9%</b>
<b>Total Traffic</b>	<b>415,862</b>	<b>-4.6%</b>	<b>415,862</b>	<b>415,862</b>	<b>-4.6%</b>

<sup>1</sup> Excludes U.S. operations of Canadian Pacific, CN and GMXT.

<sup>2</sup> Average per week figures may not sum to totals as a result of independent rounding.

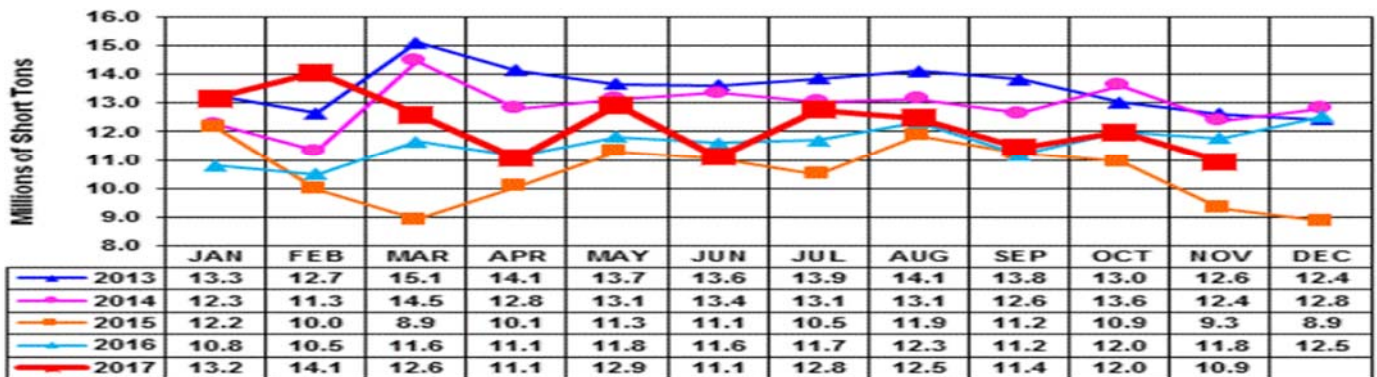
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### Trade Tech's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – [www.uranium.info](http://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
	12/08/17	12/15/17	12/22/17	12/29/17	01/05/18	
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$59.85	\$59.85	\$59.85	\$59.85	\$58.50	\$-1.35
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$46.20	\$46.20	\$46.20	\$46.20	\$45.15	\$-1.05
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$32.60	\$32.60	\$32.60	\$32.60	\$32.60	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$12.10	\$12.10	\$12.10	\$12.10	\$12.25	\$0.15
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$41.10	\$41.10	\$41.10	\$41.10	\$41.60	\$0.50

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

### Days of burn by non-lignite coal rank, January 2009 - October 2017



eia Source: U.S. Energy Information Administration

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

### Temperature – heating & cooling degree days (week ending Dec 28)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	289	33	79	0	0	0
Middle Atlantic	262	19	71	0	0	0
E N Central	329	52	117	0	0	0
W N Central	369	67	146	0	0	0
South Atlantic	163	-9	48	10	4	-4
E S Central	178	1	80	1	0	-1
W S Central	152	19	95	2	0	-14
Mountain	237	3	20	0	0	0
Pacific	107	-18	-33	0	0	0
United States	235	20	67	2	1	-2

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

Source: National Oceanic and Atmospheric Administration

Source: Energy Information Administration. Latest data available.

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)



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	October 2017		October 2016			September 2017		
		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	4,714	90	5,726	84	-17.7%	4,439	94	6.2%
	Subbituminous	146	99	136	69	7.2%	126	111	16.2%
South	Bituminous	27,570	92	27,982	83	-1.5%	27,454	96	0.4%
	Subbituminous	5,359	64	6,039	73	-11.3%	5,195	64	3.2%
Midwest	Bituminous	13,270	83	16,907	94	-21.5%	12,989	85	2.2%
	Subbituminous	37,476	84	43,096	84	-13.0%	37,284	85	0.5%
West	Bituminous	5,312	91	5,859	84	-9.3%	5,356	90	-0.8%
	Subbituminous	26,295	89	31,312	95	-16.0%	25,666	87	2.5%
U.S. Total	Bituminous	50,867	90	56,473	86	-9.9%	50,238	92	1.3%
	Subbituminous	69,276	84	80,583	87	-14.0%	68,271	84	1.5%

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*

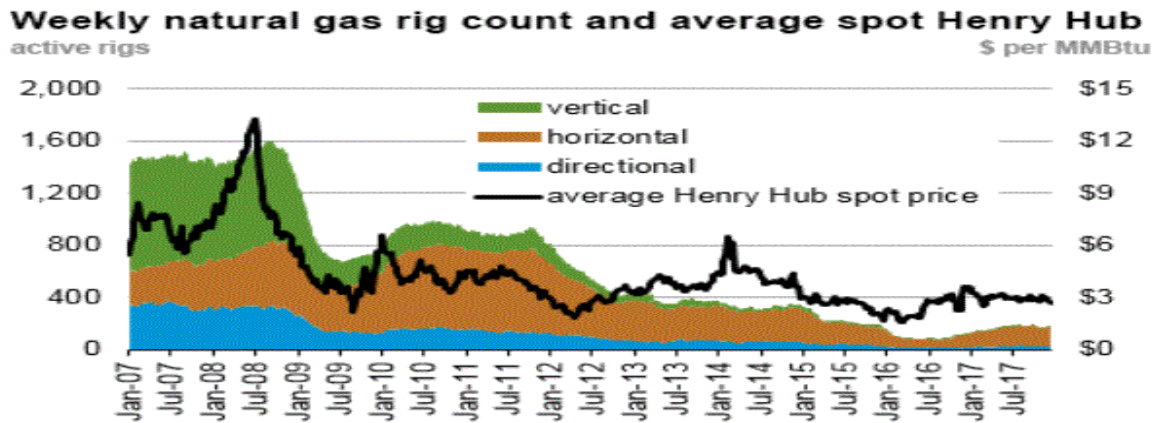
### EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2017-12-29	2017-12-22	change
East	740	782	-42
Midwest	875	941	-66
Mountain	183	195	-12
Pacific	268	281	-13
South Central	1,060	1,133	-73
<b>Total</b>	<b>3,126</b>	<b>3,332</b>	<b>-206</b>

Source: U.S. Energy Information Administration

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

### 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		
	December 2017	January 2018	change	December 2017	January 2018	change
Anadarko	382	387	5	2,573	2,590	17
Appalachia	135	136	1	14,411	14,488	77
Bakken	1,366	1,383	17	1,661	1,681	20
Eagle Ford	1,136	1,185	49	4,506	4,732	226
Haynesville	33	33	-	7,998	8,023	25
Niobrara	1,101	1,113	12	4,275	4,290	15
Permian	610	614	4	1,067	1,082	15
<b>Total</b>	<b>621</b>	<b>633</b>	<b>12</b>	<b>3,522</b>	<b>3,488</b>	<b>(34)</b>

Source: Energy Information Administration, *Drilling Productivity Report*