

National Mining Association

Weekly Statistical Summary

February 1, 2019 Edition
(Data for Week Ending January 26, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 4
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/26/19	01/27/18	% Chng	01/26/19	01/27/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	14,198	15,060	-5.7%	53,094	51,092	3.9%
52 Weeks Ended	753,750	766,283	-1.6%			
AAR Coal Rail Cars Loaded:	82,471	86,586	-4.8%	308,758	295,366	4.5%
Coal Production Month Ended - Dec.	Dec 18/17 63,000	% Chng 63,220	% Chng -0.3%	Jan - Dec 18/17 753,706	% Chng 774,609	% Chng -2.7%
DOC Coal Trade (000 Tons)						
Exports:	Oct 18/17			Jan - Oct 18/17		
			% Chng			% Chng
Metallurgical	5,836	4,661	25.2%	52,176	45,127	15.6%
Steam *	4,816	4,490	7.3%	45,444	32,518	39.8%
Lignite	6	6	0.0%	71	65	9.2%
Anthracite	28	6	366.7%	195	242	-19.4%
Total	10,686	9,163	16.6%	97,886	77,952	25.6%
Imports:	304	582	-47.8%	4,656	7,002	-33.5%
	Week Ended			Cumulative Week 1 to		
	01/26/19	01/27/18	% Chng	01/26/19	01/27/18	% Chng
EI Electric Total Output (Mil. Kwh)	83,273	75,934	9.7%	313,597	338,462	-7.3%
EI Coal Region Output (Mil. Kwh)	72,498	64,972	11.6%	270,376	294,083	-8.1%
AISI Raw Steel Output (000 Tons)	1,922	1,715	12.1%	7,065	6,371	10.9%

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)	
	01/25/19	01/18/19	% Chng	Wed.	01/23/19
Central App, 12,500 Btu, 1.2 SO ₂	\$79.50	\$79.50	0.0%	Henry Hub	3.10
Northern App, 13,000 Btu, < 3.0 SO ₂	67.70	67.70	0.0%	New York	2.98
Illinois Basin, 11,800, 5.0 SO ₂	38.95	38.95	0.0%	Chicago	3.11
Powder River Basin, 8,800 Btu 0.8 SO ₂	13.10	13.10	0.0%	Cal.Comp.Avg.	3.73
Uinta Basin, 11,700 Btu, 0.8 SO ₂	40.10	40.10	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. r/ revised.

Sources: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; SNL Energy; NGI's Daily Gas Price Index



THE AMERICAN RESOURCE

National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/26/2019 (week 4)	1/19/2019 (week 3)	1/27/2018 (week 4)	1/26/2019	1/26/2018	% Change	1/26/2019	1/27/2018	% Change
Alabama	308	323	313	1,146	1,062	7.9	14,727	12,919	14.0
Alaska	15	18	19	60	64	-5.9	879	945	-7.0
Arizona	138	144	123	508	416	22.1	6,805	6,134	10.9
Arkansas	35	.
Colorado	268	278	263	981	892	10.0	13,994	14,794	-5.4
Illinois	945	1,006	1,013	3,548	3,437	3.2	48,973	47,933	2.2
Indiana	694	723	680	2,568	2,307	11.3	34,234	31,256	9.5
Kentucky Total	744	795	821	2,794	2,785	0.3	39,350	41,133	-4.3
Eastern (KY)	333	358	359	1,252	1,217	2.9	17,469	18,004	-3.0
Western (KY)	411	437	462	1,541	1,568	-1.7	21,881	23,129	-5.4
Louisiana	25	24	19	85	63	34.2	1,488	1,846	-19.4
Maryland	20	23	30	80	103	-22.6	1,238	1,768	-30.0
Mississippi	58	59	51	210	174	20.8	2,834	2,554	11.0
Missouri	5	5	5	19	17	9.0	259	244	6.1
Montana	749	800	727	2,804	2,467	13.7	38,563	35,538	8.5
New Mexico	126	138	162	472	551	-14.3	8,766	13,259	-33.9
North Dakota	583	623	605	2,181	2,051	6.4	30,116	28,665	5.1
Ohio	150	175	197	597	667	-10.5	8,745	9,478	-7.7
Oklahoma	19	17	10	63	36	75.7	806	561	43.7
Pennsylvania Total	987	1,021	961	3,625	3,259	11.2	49,399	48,595	1.7
Anthracite (PA)	33	37	34	129	116	10.7	1,848	1,873	-1.3
Bituminous (PA)	954	985	926	3,496	3,143	11.2	47,551	46,721	1.8
Tennessee	3	4	5	13	15	-19.1	197	400	-50.8
Texas	432	474	487	1,622	1,651	-1.8	26,707	35,368	-24.5
Utah	262	294	292	1,012	990	2.3	14,031	14,256	-1.6
Virginia	236	254	269	890	913	-2.5	12,743	13,487	-5.5
West Virginia Total	1,905	2,040	1,879	7,178	6,374	12.6	97,372	92,089	5.7
Northern (WV)	890	942	890	3,308	3,020	9.5	45,888	45,944	-0.1
Southern (WV)	1,014	1,097	989	3,870	3,354	15.4	51,484	46,145	11.6
Wyoming	5,526	5,909	6,131	20,640	20,799	-0.8	301,524	313,027	-3.7
Appalachian Total	3,942	4,198	4,012	14,781	13,611	8.6	201,890	196,739	2.6
Interior Total	2,589	2,745	2,727	9,655	9,253	4.3	137,182	142,926	-4.0
Western Total	7,667	8,205	8,321	28,658	28,228	1.5	414,678	426,618	-2.8
East of Mississippi River	6,050	6,423	6,218	22,648	21,096	7.4	309,813	301,611	2.7
West of Mississippi River	8,148	8,724	8,841	30,446	29,995	1.5	443,938	464,672	-4.5
Bituminous and Lignite	14,165	15,110	15,025	52,965	50,975	3.9	751,903	764,410	-1.6
Anthracite	33	37	34	129	116	10.7	1,848	1,873	-1.3
U.S. Total	14,198	15,147	15,060	53,094	51,092	3.9	753,750	766,283	-1.6
Railroad Cars Loaded	82,471	87,906	86,586	308,758	295,366	4.5	4,418,681	4,398,423	0.5

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 4

OUTPUT FOR WEEK ENDED - Jan 26, 2019

Jan 30, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Jan 26, 2019 was 83,273 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 200 on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 26		52 Weeks Ended January 26	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,587	6.4	121,493	0.0
Mid-Atlantic	9,274	11.0	437,969	2.2
Central Industrial	14,415	13.1	681,154	2.8
West Central	7,005	11.5	336,374	2.8
Southeast	22,075	14.2	1,039,785	1.3
South Central	14,179	11.1	758,024	3.4
Rocky Mountain	5,550	1.0	281,898	1.7
Pacific Northwest	3,480	-2.0	155,927	-0.9
Pacific Southwest	4,708	-5.5	276,235	-2.2
Total United States	83,273	9.7	4,088,859	1.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jan 05	74,073	Jan 06	93,331	-20.6	Jan 05	4,094,465	2.3
Jan 12	77,040	Jan 13	81,383	-5.3	Jan 12	4,090,123	2.2
Jan 19	79,211	Jan 20	87,813	-9.8	Jan 19	4,081,520	1.6
Jan 26	83,273	Jan 27	75,934	9.7	Jan 26	4,088,859	1.8
Jan 26	313,597	Jan 27	338,462	-7.3	YEAR TO DATE, FIRST 4 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jan 05	176	Jan 06	210	Jan 07	188
Jan 12	177	Jan 13	175	Jan 14	177
Jan 19	184	Jan 20	191	Jan 21	161
Jan 26	200	Jan 27	168	Jan 28	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		
	26-Jan 2019 GWh Output	27-Jan 2018 GWh Output	% Increase Over Corresponding Week of 2018	26-Jan 2019 GWh Output	27-Jan 2018 GWh Output	% Increase Over Corresponding Week of 2018	26-Jan 2019 GWh Output	27-Jan 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,587	2,431	6.4%	9,834	10,553	-6.8%	121,493	121,450	0.0%
Mid-Atlantic	9,274	8,357	11.0%	34,901	37,333	-6.5%	437,969	428,476	2.2%
Central Industrial	14,415	12,751	13.0%	54,014	57,440	-6.0%	681,154	662,345	2.8%
West Central	7,005	6,280	11.5%	25,796	27,313	-5.6%	336,374	327,332	2.8%
Southeast	22,075	19,327	14.2%	79,665	91,779	-13.2%	1,039,785	1,026,932	1.3%
South Central	14,179	12,764	11.1%	53,893	58,812	-8.4%	758,024	733,399	3.4%
Rocky Mountain	5,550	5,493	1.0%	22,107	21,406	3.3%	281,898	277,211	1.7%
Pacific Northwest	3,480	3,550	-2.0%	14,152	14,171	-0.1%	155,927	157,377	-0.9%
Pacific Southwest	4,708	4,981	-5.5%	19,235	19,654	-2.1%	276,235	282,529	-2.2%
Total United States ^{1/}	83,273	75,934	9.7%	313,597	338,461	-7.3%	4,088,859	4,017,051	1.8%
Coal Regions Only ^{2/}	72,498	64,972	11.6%	270,376	294,083	-8.1%	3,535,204	3,455,695	2.3%

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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January 28, 2019

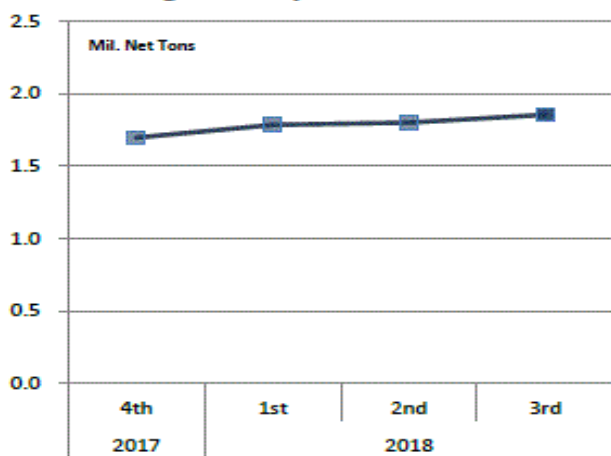
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Jan. 26</u>	<u>Week Ending Jan. 19</u>	
<u>Week Ending</u>				North East	224	219
				Great Lakes	724	739
January 26, 2019	1,922	0.5	81.1	Midwest	205	201
January 26, 2018	1,715	12.1	73.6	Southern	691	670
January 19, 2019	1,912	1.1	80.7	Western	78	83
				Total	1,922	1,912
<u>Year-to-Date +</u>						
January 26, 2019	7,065	10.9	80.3			
January 26, 2018	6,371	-	73.6			

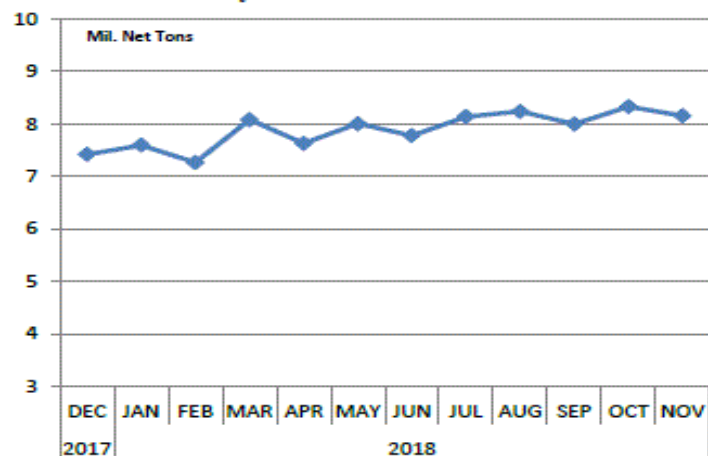
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 fourth quarter 2018 is approximately 30.8 million net tons vs. 30.6 million net tons for the same period last year, and 30.8 million tons for the third 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 4, 2019 – Ended January 26, 2019

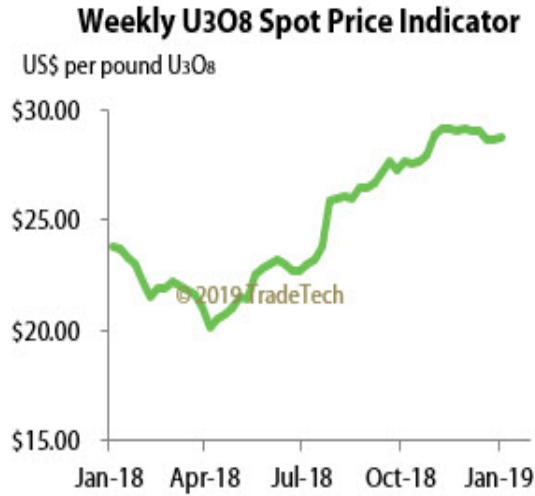
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	248,937	-4.7%	995,769	248,942	4.6%
Chemicals	31,190	1.0%	125,839	31,460	4.0%
Coal	82,471	-5.1%	328,412	82,103	4.2%
Farm Products excl. Grain, and Food	15,954	0.0%	62,833	15,708	3.0%
Forest Products	10,237	-4.1%	40,714	10,179	3.7%
Grain	21,436	-4.9%	89,537	22,384	2.4%
Metallic Ores and Metals	19,878	-7.4%	86,803	21,701	8.0%
Motor Vehicles and Parts	15,726	-11.2%	56,930	14,233	-1.8%
Nonmetallic Minerals	30,172	-7.7%	116,644	29,161	4.6%
Petroleum and Petroleum Products	13,627	18.4%	53,319	13,330	24.8%
Other	8,246	-24.6%	34,738	8,685	-3.1%
Total Intermodal Units	273,089	-3.3%	1,060,598	265,150	3.2%
Total Traffic	522,026	-4.0%	2,056,367	514,092	3.9%

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.

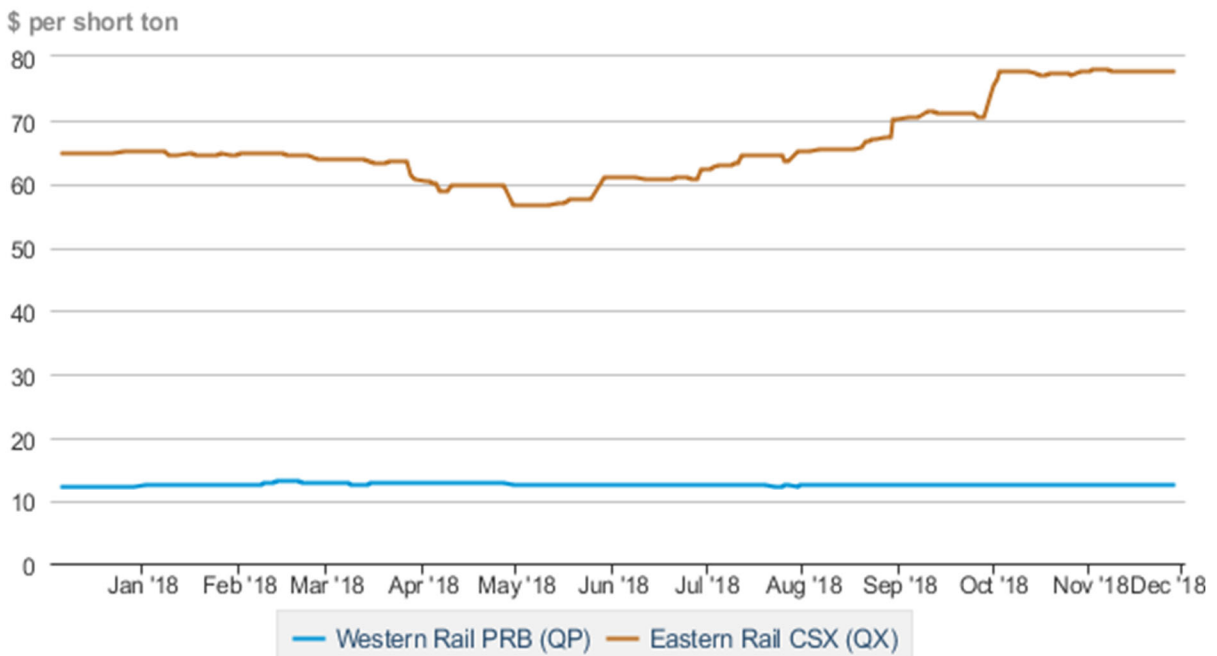
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's and UX's Uranium Price Indicators



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

NYMEX coal futures near-month contract final settlement price



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

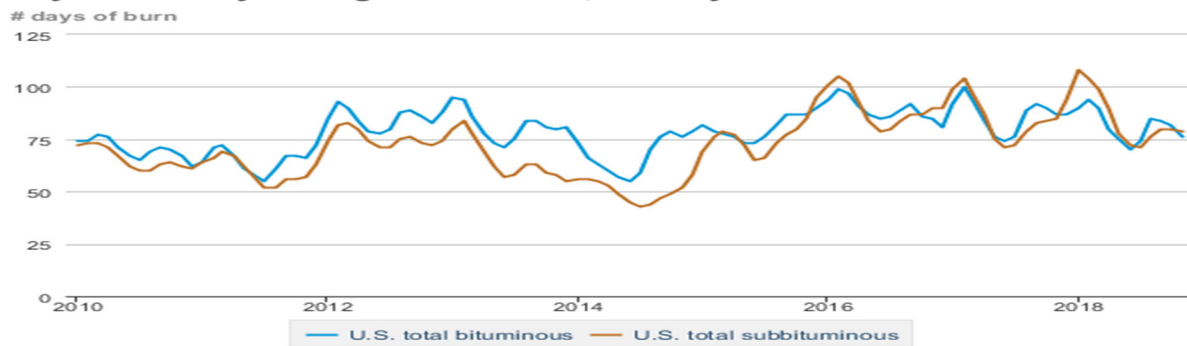
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	12/28/18	01/04/19	01/11/19	01/18/19	01/25/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$81.40	\$83.90	\$83.90	\$79.50	\$79.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$63.75	\$65.70	\$65.70	\$67.70	\$67.70	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$38.95	\$38.95	\$38.95	\$38.95	\$38.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.95	\$11.90	\$11.90	\$13.10	\$13.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$40.40	\$40.25	\$40.25	\$40.10	\$40.10	\$0.00

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

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 17)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	293	18	58	0	0	0
Middle Atlantic	279	16	24	0	0	0
E N Central	270	-27	-46	0	0	0
W N Central	268	-50	-106	0	0	0
South Atlantic	194	11	10	3	-5	-1
E S Central	181	-10	-49	0	-2	0
W S Central	121	-20	-66	0	-3	0
Mountain	207	-27	8	0	0	0
Pacific	115	-7	46	0	-1	0
United States	214	-12	-14	1	-1	0

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	2018 Year to Date - 3rd Quarter	2017 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	624.0	628.0	-1%
Cement (Mil. Mt.)	64.7	63.2	2%
Copper (000 Mt.)	912.0	955.0	-5%
Gold (Mt.)	156.0	178.0	-12%
Gypsum (Mil. Mt.)	12.8	12.4	3%
Iron Ore (Mil. Mt.)	36.4	34.5	6%
Lead (000 Mt.)	W	228.0	N/A
Molybdenum (000 Mt.)	30.9	29.8	4%
Phosphate rock (Mil. Mt.)	20.1	20.8	-3%
Sand & gravel, construction (Mil. Mt.)	720.0	672.0	7%
Silver (Mt.)	675.0	779.0	-13%
Soda ash (Mil. Mt.)	8.8	8.8	0%
Stone, crushed (Mil. Mt.)	1,050.0	1,010.0	4%
Zinc (000 Mt.)	600.0	540.0	11%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2018 data are preliminary estimates. W - withheld, N/A - not available

Natural gas spot prices (Henry Hub)



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	November 2018		November 2017		% Change of Stocks	October 2018		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,288	104	4,307	79	-23.7%	3,258	94	0.9%
	Subbituminous	146	102	163	92	-10.5%	163	113	-10.5%
South	Bituminous	19,229	77	28,233	91	-31.9%	18,869	82	1.9%
	Subbituminous	4,613	53	5,569	64	-17.2%	4,605	56	0.2%
Midwest	Bituminous	8,859	66	13,635	81	-35.0%	9,249	74	-4.2%
	Subbituminous	28,005	95	38,043	87	-26.4%	27,720	91	1.0%
West	Bituminous	3,923	82	5,133	90	-23.6%	4,205	91	-6.7%
	Subbituminous	19,265	68	26,830	90	-28.2%	20,242	76	-4.8%
U.S. Total	Bituminous	35,298	76	51,308	87	-31.2%	35,582	82	-0.8%
	Subbituminous	52,029	79	70,605	85	-26.3%	52,729	80	-1.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

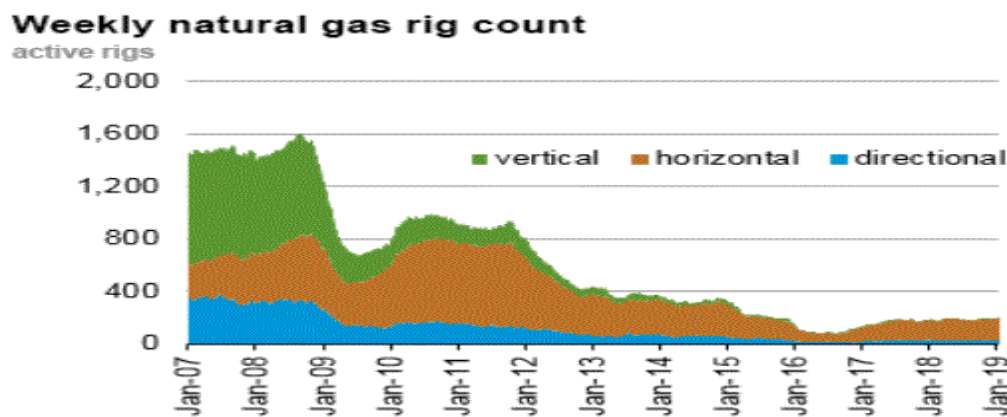
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2019-01-18	2019-01-11	change
East	566	620	-54
Midwest	673	729	-56
Mountain	121	127	-6
Pacific	185	196	-11
South Central	823	861	-38
Total	2,370	2,533	-163

Source: Form EIA-912, "Weekly Underground Natural Gas Storage Report"

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

EIA Natural Gas Rig Count



Source: Baker Hughes Inc.

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 2019	February 2019	change	January 2019	February 2019	change
Anadarko	386	386	-	2,823	2,823	-
Appalachia	147	147	-	15,000	15,300	300
Bakken	1,460	1,447	(13)	1,897	1,897	-
Eagle Ford	1,348	1,336	(12)	5,498	5,535	37
Haynesville	26	27	1	9,054	9,194	140
Niobrara	1,179	1,180	1	4,313	4,300	(13)
Permian	555	555	-	1,187	1,187	-
Rig-weighted average	628	632	4	3,576	3,629	53

Source: Energy Information Administration, *Drilling Productivity Report*