

# National Mining Association

## Weekly Statistical Summary

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May 10, 2019 Edition  
(Data for Week Ending May 4, 2019)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 57, No. 18  
Dated 05/10/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/04/19	05/05/18	% Chng	05/04/19	05/04/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	14,337	13,311	7.7%	237,356	253,657	-6.4%
52 Weeks Ended	737,491	762,557	-3.3%			
AAR Coal Rail Cars Loaded:	84,481	77,468	9.1%	1,387,662	1,464,670	-5.3%
Coal Production Month Ended - Apr.	<b>Apr 19/18</b>		<b>% Chng</b>	<b>Jan - Apr 19/18</b>		<b>% Chng</b>
	58,765	58,032	1.3%	229,041	245,671	-6.8%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Mar 19/18</b>		<b>% Chng</b>	<b>Jan - Mar 19/18</b>		<b>% Chng</b>
Metallurgical	5,489	4,970	10.4%	13,864	14,875	-6.8%
Steam Bit. *	3,720	4,446	-16.3%	11,278	12,309	-8.4%
Lignite	7	7	0.0%	22	23	-4.3%
Anthracite	6	6	0.0%	61	26	134.6%
<b>Total</b>	9,222	9,429	-2.2%	25,225	27,233	-7.4%
<b>Imports:</b>	706	518	36.3%	1,689	1,367	23.6%
	Week Ended			Cumulative Week 1 to		
	05/04/19	05/05/18	% Chng	05/04/19	05/05/18	% Chng
<b>EI Electric Total Output (Mil. Kwh)</b>	70,338	70,724	-0.5%	1,337,614	1,354,112	-1.2%
<b>EI Coal Region Output (Mil. Kwh)</b>	60,755	60,921	-0.3%	1,150,881	1,166,097	-1.3%
<b>AISI Raw Steel Output (000 Tons)</b>	1,915	1,796	6.6%	33,698	31,610	6.6%

## 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)	
	05/03/19	04/26/19	% Chng	Wed.	05/01/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$77.30	\$77.30	0.0%	Henry Hub	2.62
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	63.15	63.15	0.0%	New York	2.35
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	40.20	40.20	0.0%	Chicago	2.50
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.45	12.45	0.0%	Cal.Comp.Avg.	2.66
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	36.65	36.65	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



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THE AMERICAN RESOURCE

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

<b>EIA Estimated Weekly U.S. Coal Production Overview</b>									
<b>Coal-Producing Region &amp; State</b> (thousand short tons)	<b>Week Ended</b>			<b>Year to Date</b>			<b>52 Weeks Ended</b>		
	5/4/2019 (week 18)	4/27/2019 (week 17)	5/5/2018 (week 18)	5/4/2019	5/4/2018	% Change	5/4/2019	5/5/2018	% Change
Alabama	310	289	261	5,111	5,191	-1.6	14,636	13,398	9.2
Alaska	16	14	14	268	303	-11.8	885	930	-4.8
Arizona	137	132	125	2,268	2,144	5.8	6,658	6,195	7.5
Arkansas	.	.	.	.	.	.	.	10	.
Colorado	272	263	278	4,414	4,655	-5.2	13,748	14,311	-3.9
Illinois	975	911	893	15,931	17,050	-6.6	48,220	47,997	0.5
Indiana	733	705	652	11,668	11,706	-0.3	34,658	31,990	8.3
<b>Kentucky Total</b>	<b>758</b>	<b>723</b>	<b>735</b>	<b>12,509</b>	<b>13,873</b>	<b>-9.8</b>	<b>38,207</b>	<b>40,354</b>	<b>-5.3</b>
Eastern (KY)	320	306	321	5,503	6,064	-9.3	16,399	17,880	-8.3
Western (KY)	438	418	414	7,006	7,809	-10.3	21,808	22,473	-3.0
Louisiana	34	34	33	437	395	10.9	1,522	1,345	13.2
Maryland	19	18	21	345	483	-28.6	1,086	1,632	-33.5
Mississippi	68	65	57	996	921	8.2	3,008	2,480	21.3
Missouri	5	5	5	85	88	-3.1	256	250	2.4
Montana	738	702	668	12,430	12,373	0.5	38,580	37,519	2.8
New Mexico	150	159	128	2,250	2,658	-15.4	10,367	11,230	-7.7
North Dakota	575	550	507	9,675	10,047	-3.7	29,206	29,193	s
Ohio	148	132	123	2,612	3,060	-14.7	8,517	9,396	-9.4
Oklahoma	21	21	18	296	222	33.2	788	604	30.5
<b>Pennsylvania Total</b>	<b>1,007</b>	<b>980</b>	<b>994</b>	<b>16,318</b>	<b>16,902</b>	<b>-3.4</b>	<b>49,107</b>	<b>48,803</b>	<b>0.6</b>
Anthracite (PA)	37	35	36	589	605	-2.5	1,851	1,821	1.6
Bituminous (PA)	969	946	959	15,729	16,297	-3.5	47,256	46,982	0.6
Tennessee	3	3	3	54	73	-25.9	171	308	-44.5
Texas	397	380	478	7,050	8,433	-16.4	23,377	32,993	-29.1
Utah	242	225	224	4,372	4,747	-7.9	13,188	14,299	-7.8
Virginia	242	229	231	3,990	4,498	-11.3	12,370	13,182	-6.2
<b>West Virginia Total</b>	<b>1,928</b>	<b>1,809</b>	<b>1,843</b>	<b>32,011</b>	<b>32,550</b>	<b>-1.7</b>	<b>94,421</b>	<b>93,233</b>	<b>1.3</b>
Northern (WV)	900	865	862	14,821	15,367	-3.6	45,211	45,290	-0.2
Southern (WV)	1,028	944	981	17,189	17,183	s	49,210	47,944	2.6
Wyoming	5,560	5,358	5,020	92,267	101,285	-8.9	294,517	310,904	-5.3
<b>Appalachian Total</b>	<b>3,976</b>	<b>3,766</b>	<b>3,797</b>	<b>65,943</b>	<b>68,821</b>	<b>-4.2</b>	<b>196,707</b>	<b>197,832</b>	<b>-0.6</b>
<b>Interior Total</b>	<b>2,671</b>	<b>2,538</b>	<b>2,549</b>	<b>43,470</b>	<b>46,623</b>	<b>-6.8</b>	<b>133,636</b>	<b>140,144</b>	<b>-4.6</b>
<b>Western Total</b>	<b>7,690</b>	<b>7,404</b>	<b>6,964</b>	<b>127,944</b>	<b>138,213</b>	<b>-7.4</b>	<b>407,148</b>	<b>424,581</b>	<b>-4.1</b>
<b>East of Mississippi River</b>	<b>6,190</b>	<b>5,865</b>	<b>5,812</b>	<b>101,544</b>	<b>106,307</b>	<b>-4.5</b>	<b>304,400</b>	<b>302,773</b>	<b>0.5</b>
<b>West of Mississippi River</b>	<b>8,146</b>	<b>7,843</b>	<b>7,498</b>	<b>135,812</b>	<b>147,351</b>	<b>-7.8</b>	<b>433,090</b>	<b>459,784</b>	<b>-5.8</b>
Bituminous and Lignite	14,299	13,673	13,275	236,766	253,053	-6.4	735,640	760,737	-3.3
Anthracite	37	35	36	589	605	-2.5	1,851	1,821	1.6
<b>U.S. Total</b>	<b>14,337</b>	<b>13,708</b>	<b>13,311</b>	<b>237,356</b>	<b>253,657</b>	<b>-6.4</b>	<b>737,491</b>	<b>762,557</b>	<b>-3.3</b>
Railroad Cars Loaded	84,481	80,870	77,468	1,387,662	1,464,670	-5.3	4,329,466	4,426,283	-2.2

Source: Energy Information Administration



# Weekly Electric Output

Volume 87 No. 18

**OUTPUT FOR WEEK ENDED - May 04, 2019**

**May 08, 2019**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **May 04, 2019** was **70,338** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **190** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended May 04		52 Weeks Ended May 04	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	1,968	-6.9	121,295	0.3
Mid-Atlantic	6,910	-8.3	437,252	1.4
Central Industrial	11,298	-4.4	680,549	1.7
West Central	5,609	-2.3	337,563	2.1
Southeast	18,606	4.0	1,042,343	1.0
South Central	13,792	1.9	762,506	3.2
Rocky Mountain	4,540	3.3	283,486	2.2
Pacific Northwest	2,862	2.9	157,384	-0.1
Pacific Southwest	4,753	-3.1	274,848	-2.3
Total United States	70,338	-0.5	4,097,226	1.4

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

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Apr 13	68,379	Apr 14	71,006	-3.7	Apr 13	4,099,909	1.5
Apr 20	66,853	Apr 21	69,190	-3.4	Apr 20	4,097,572	1.4
Apr 27	67,566	Apr 28	67,526	0.1	Apr 27	4,097,612	1.5
May 04	70,338	May 05	70,724	-0.5	May 04	4,097,226	1.4
<b>May 04</b>	<b>1,337,614</b>	<b>May 05</b>	<b>1,354,112</b>	<b>-1.2</b>	<b>YEAR TO DATE, FIRST 18 WEEKS</b>		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Apr 13	180	Apr 14	182	Apr 15	167
Apr 20	176	Apr 21	178	Apr 22	170
Apr 27	184	Apr 28	179	Apr 29	176
May 04	190	May 05	187	May 06	173

\* 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		
	4-May 2019 GWh Output	5-May 2018 GWh Output	% Increase Over Corresponding Week of 2018	4-May 2019 GWh Output	5-May 2018 GWh Output	% Increase Over Corresponding Week of 2018	4-May 2019 GWh Output	5-May 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	1,968	2,115	-7.0%	<b>40,531</b>	<b>41,445</b>	<b>-2.2%</b>	121,295	120,924	0.3%
<b>Mid-Atlantic</b>	6,910	7,533	-8.3%	<b>144,351</b>	<b>147,498</b>	<b>-2.1%</b>	437,252	431,188	1.4%
<b>Central Industrial</b>	11,298	11,824	-4.4%	<b>231,419</b>	<b>235,451</b>	<b>-1.7%</b>	680,549	669,110	1.7%
<b>West Central</b>	5,609	5,741	-2.3%	<b>111,187</b>	<b>111,517</b>	<b>-0.3%</b>	337,563	330,518	2.1%
<b>Southeast</b>	18,606	17,892	4.0%	<b>337,675</b>	<b>347,234</b>	<b>-2.8%</b>	1,042,343	1,031,658	1.0%
<b>South Central</b>	13,792	13,537	1.9%	<b>236,656</b>	<b>237,091</b>	<b>-0.2%</b>	762,506	739,053	3.2%
<b>Rocky Mountain</b>	4,540	4,394	3.3%	<b>89,593</b>	<b>87,306</b>	<b>2.6%</b>	283,486	277,264	2.2%
<b>Pacific Northwest</b>	2,862	2,781	2.9%	<b>60,863</b>	<b>59,425</b>	<b>2.4%</b>	157,384	157,615	-0.1%
<b>Pacific Southwest</b>	4,753	4,907	-3.1%	<b>85,340</b>	<b>87,144</b>	<b>-2.1%</b>	274,848	281,386	-2.3%
<b>Total United States</b> <sup>1/</sup>	70,338	70,724	-0.5%	<b>1,337,615</b>	<b>1,354,111</b>	<b>-1.2%</b>	4,097,226	4,038,716	1.4%
<b>Coal Regions Only</b> <sup>2/</sup>	60,755	60,921	-0.3%	<b>1,150,881</b>	<b>1,166,097</b>	<b>-1.3%</b>	3,543,699	3,478,791	1.9%

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.

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

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

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

AMERICAN IRON AND STEEL INSTITUTE  
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May 6, 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</u>		
<u>Week Ending</u>				<u>May 4</u>	<u>Apr. 27</u>	
May 4, 2019	1,915	1.1	82.3	North East	207	201
May 4, 2018	1,796	6.6	77.6	Great Lakes	720	737
April 27, 2019	1,895	-0.4	81.4	Midwest	192	188
				Southern	719	696
				Western	77	73
				<b>Total</b>	<b>1,915</b>	<b>1,895</b>

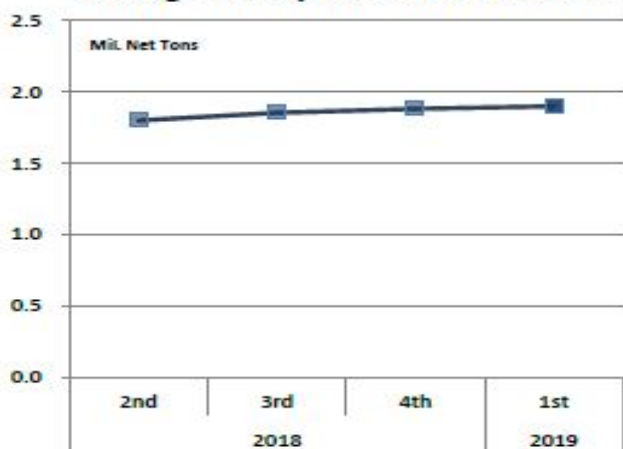
  

<u>Year-to-Date +</u>					
May 4, 2019	33,698	6.6	81.7		
May 4, 2018	31,610	-	76.4		

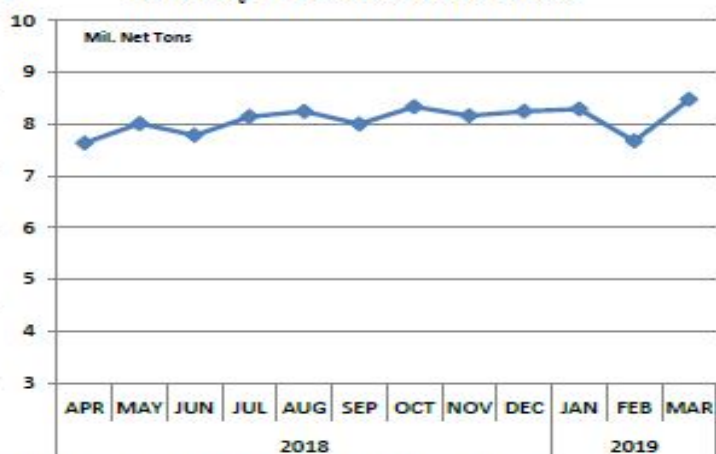
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2019 is approximately 30.3 million net tons vs. 30.5 million net tons for the same period last year, and 29.9 million tons for the first quarter of 2019.

**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 18, 2019 – Ended May 4, 2019

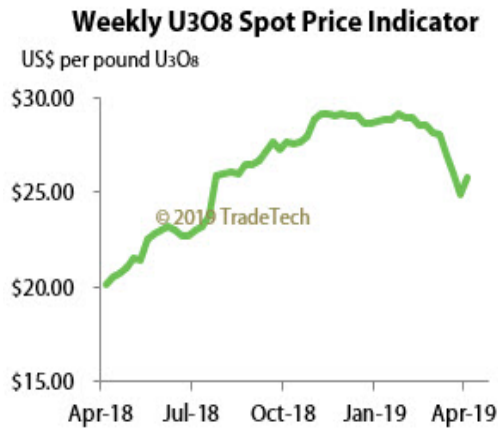
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>268,559</b>	<b>1.0%</b>	<b>4,505,712</b>	<b>250,317</b>	<b>-2.3%</b>
Chemicals	35,057	3.6%	580,478	32,249	-0.5%
Coal	84,481	8.6%	1,407,316	78,184	-5.1%
Farm Products excl. Grain, and Food	16,297	-3.9%	281,063	15,615	-3.3%
Forest Products	10,337	-0.7%	179,702	9,983	-0.8%
Grain	22,287	-11.2%	393,073	21,837	-4.9%
Metallic Ores and Metals	23,732	-1.3%	388,368	21,576	-1.8%
Motor Vehicles and Parts	16,491	-11.1%	294,908	16,384	-2.6%
Nonmetallic Minerals	37,103	-9.9%	585,966	32,554	-4.3%
Petroleum and Petroleum Products	13,231	34.1%	227,350	12,631	24.3%
Other	9,543	15.7%	167,488	9,305	-0.1%
<b>Total Intermodal Units</b>	<b>266,530</b>	<b>-4.9%</b>	<b>4,799,133</b>	<b>266,619</b>	<b>-1.6%</b>
<b>Total Traffic</b>	<b>535,089</b>	<b>-2.0%</b>	<b>9,304,845</b>	<b>516,936</b>	<b>-1.9%</b>

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

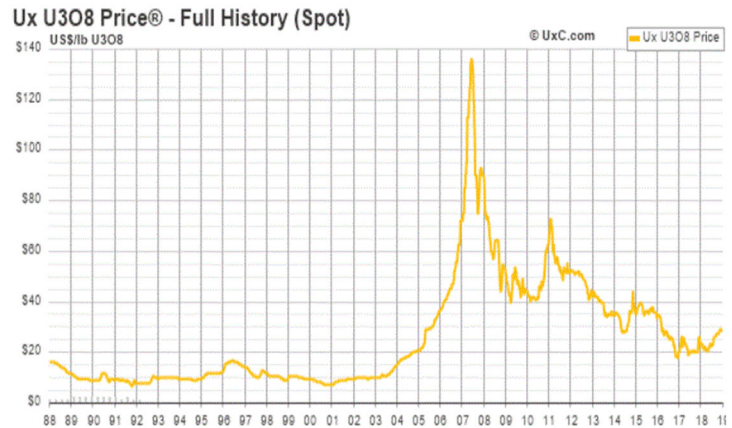
<sup>2</sup> Average per week figures may not sum to totals as a result of independent rounding.

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

### Trade Tech's and UX's Uranium Price Indicators

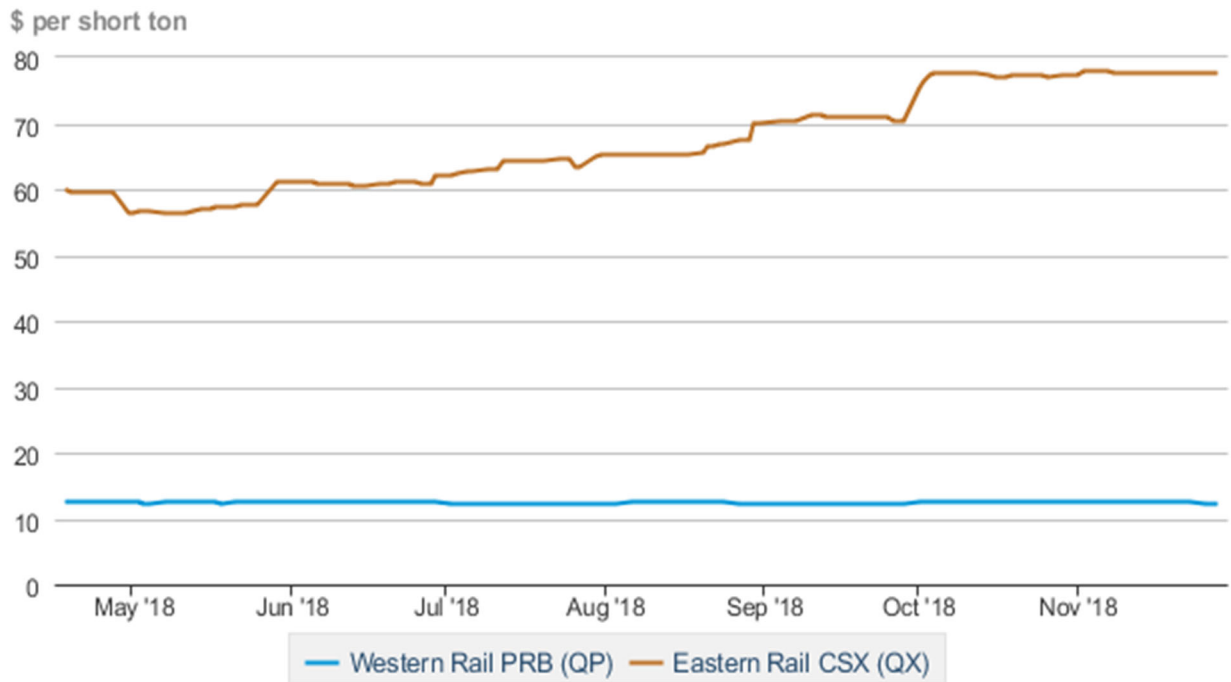


### Ux U3O8 Price - Full History



Sources: Trade Tech, Uranium Info Website – [www.uranium.info](http://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.

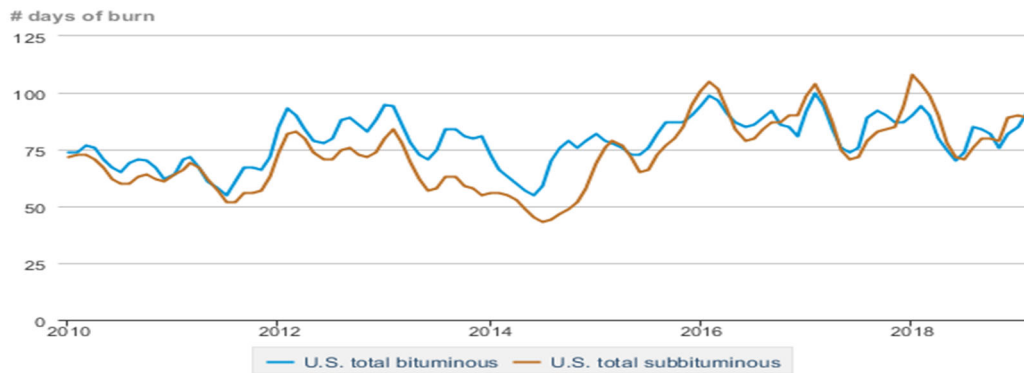
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

### Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	04/05/19	04/12/19	04/19/19	04/26/19	05/03/19	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$80.50	\$77.30	\$77.30	\$77.30	\$77.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$70.20	\$67.05	\$67.05	\$63.15	\$63.15	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$37.45	\$40.20	\$40.20	\$40.20	\$40.20	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$12.80	\$12.85	\$12.85	\$12.45	\$12.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$38.80	\$36.80	\$36.80	\$36.65	\$36.65	\$0.00

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

Days of burn by non-lignite coal rank, January 2009 - February 2019



eia Source: U.S. Energy Information Administration

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

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

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	59	-58	-75	0	0	0
Middle Atlantic	49	-51	-72	0	0	0
E N Central	84	-19	-35	0	0	0
W N Central	65	-27	-62	0	-1	0
South Atlantic	26	-19	-20	19	0	-2
E S Central	43	1	-14	3	-3	3
W S Central	21	5	-27	25	-1	16
Mountain	63	-37	-34	14	4	4
Pacific	29	-29	-6	5	1	4
United States	51	-25	-36	8	-1	3

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

Source: National Oceanic and Atmospheric Administration

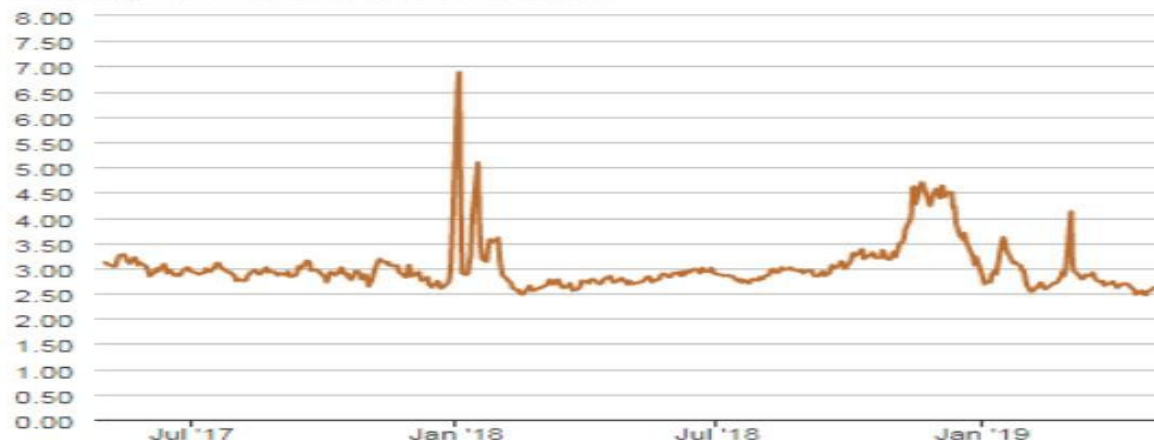
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2018 Year to Date - 4th Quarter	2017 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	829.0	837.0	-1%
Cement (Mil. Mt.)	85.3	84.2	1%
Copper (000 Mt.)	1,220.0	1,260.0	-3%
Gold (Mt.)	211.3	237.0	-11%
Gypsum (Mil. Mt.)	17.3	16.8	3%
Iron Ore (Mil. Mt.)	49.3	47.6	4%
Lead (000 Mt.)	W	302.0	N/A
Molybdenum (000 Mt.)	41.9	40.7	3%
Phosphate rock (Mil. Mt.)	25.7	27.9	-8%
Sand & gravel, construction (Mil. Mt.)	961.0	902.0	7%
Silver (Mt.)	923.0	1,030.0	-10%
Soda ash (Mil. Mt.)	11.8	12.0	-2%
Stone, crushed (Mil. Mt.)	1,410.0	1,350.0	4%
Zinc (000 Mt.)	812.0	748.0	9%

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)

dollars per million British thermal units



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 2019		February 2018			January 2019		
		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	3,030	145	3,338	95	-9.2%	2,973	147	1.9%
	Subbituminous	139	266	95	206	46.5%	121	275	15.2%
South	Bituminous	18,377	94	22,148	94	-17.0%	17,114	88	7.4%
	Subbituminous	4,205	65	5,098	72	-17.5%	3,972	59	5.9%
Midwest	Bituminous	7,105	68	10,770	87	-34.0%	6,955	61	2.2%
	Subbituminous	19,069	93	32,868	112	-42.0%	21,420	100	-11.0%
West	Bituminous	3,349	96	4,831	121	-30.7%	3,585	98	-6.6%
	Subbituminous	19,451	92	24,028	104	-19.0%	18,659	90	4.2%
U.S. Total	Bituminous	31,860	91	41,087	94	-22.5%	30,628	85	4.0%
	Subbituminous	42,864	89	62,089	104	-31.0%	44,172	90	-3.0%

Source: Energy Information Administration, *Electricity Monthly Update*

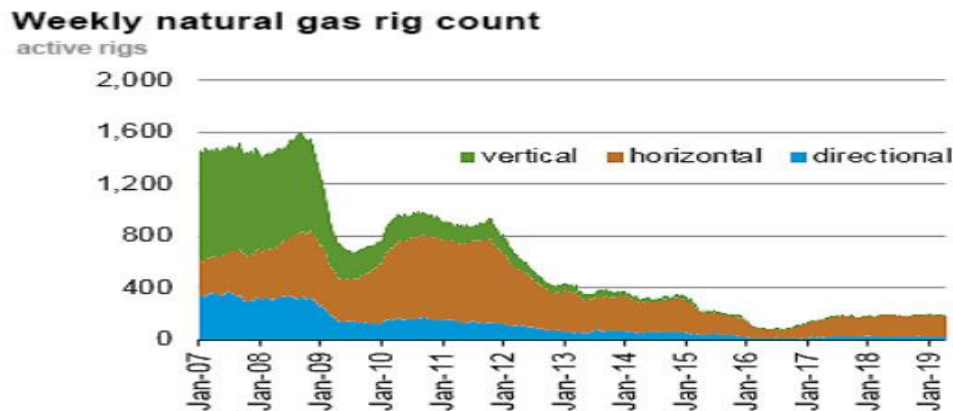
### EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2019-04-26	2019-04-19	change
East	279	251	28
Midwest	290	264	26
Mountain	75	70	5
Pacific	152	138	14
South Central	666	616	50
<b>Total</b>	<b>1,462</b>	<b>1,339</b>	<b>123</b>

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		
	April 2019	May 2019	change	April 2019	May 2019	change
Anadarko	396	404	8	2,840	2,856	16
Appalachia	144	145	1	15,930	15,930	-
Bakken	1,401	1,407	6	1,953	1,953	-
Eagle Ford	1,341	1,344	3	4,892	4,902	10
Haynesville	26	26	-	9,825	9,942	117
Niobrara	1,267	1,278	11	4,164	4,171	7
Permian	618	650	32	1,248	1,286	38
Rig-weighted average	676	692	16	3,834	3,932	98

Source: Energy Information Administration, *Drilling Productivity Report*