

# National Mining Association

## Weekly Statistical Summary

---

June 28, 2019 Edition  
(Data for Week Ending June 22, 2019)

Prepared by  
National Mining Association



Suite 500 East, 101 Constitution Avenue, NW  
Washington, DC, 20001  
Phone (202) 463-2600  
Visit us at <http://www.nma.org>

# NMA Weekly Statistical Summary

Vol. 57, No. 25  
Dated 06/28/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/22/19	06/23/18	% Chng	06/22/19	06/23/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	13,362	14,262	-6.3%	329,248	352,273	-6.5%
52 Weeks Ended	730,644	758,150	-3.6%			
AAR Coal Rail Cars Loaded:	78,543	83,006	-5.4%	1,928,199	2,038,610	-5.4%
Coal Production Month Ended - May	<b>May 19/18</b>		<b>% Chng</b>	<b>Jan - May 19/18</b>		<b>% Chng</b>
	59,867	61,196	-2.2%	288,907	306,867	-5.9%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>Apr 19/18</b>			<b>Jan - Apr 19/18</b>		
			<b>% Chng</b>			<b>% Chng</b>
Metallurgical	4,655	5,890	-21.0%	18,518	20,765	-10.8%
Steam Bit. *	3,579	5,154	-30.6%	14,857	17,463	-14.9%
Lignite	10	9	11.1%	32	32	0.0%
Anthracite	47	44	6.8%	108	70	54.3%
<b>Total</b>	<b>8,291</b>	<b>11,097</b>	<b>-25.3%</b>	<b>33,515</b>	<b>38,330</b>	<b>-12.6%</b>
<b>Imports:</b>	537	494	8.7%	2,225	1,861	19.6%
	<b>Week Ended</b>			<b>Cumulative Week 1 to</b>		
	<b>06/22/19</b>	<b>06/23/18</b>	<b>% Chng</b>	<b>06/22/19</b>	<b>06/23/18</b>	<b>% Chng</b>
<b>EI Electric Total Output (Mil. Kwh)</b>	81,189	87,347	-7.1%	1,869,142	1,918,890	-2.6%
<b>EI Coal Region Output (Mil. Kwh)</b>	71,074	76,652	-7.3%	1,614,848	1,660,921	-2.8%
<b>AISI Raw Steel Output (000 Tons)</b>	1,873	1,815	3.2%	46,870	44,288	5.8%

## 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)	
	06/21/19	06/14/19	% Chng	Wed.	06/19/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$61.05	\$59.25	3.0%	Henry Hub	2.36
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	52.20	53.40	-2.2%	New York	2.19
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	39.10	39.10	0.0%	Chicago	2.18
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.25	12.30	-0.4%	Cal.Comp.Avg.	2.28
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	35.75	35.90	-0.4%		

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



**NMA**  
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>		
	<b>6/22/2019</b> (week 25)	<b>6/15/2019</b> (week 24)	<b>6/23/2018</b> (week 25)	<b>6/22/2019</b>	<b>6/22/2018</b>	<b>% Change</b>	<b>6/22/2019</b>	<b>6/23/2018</b>	<b>% Change</b>
Alabama	292	287	279	7,090	7,121	-0.4	14,683	13,373	9.8
Alaska	15	14	15	367	404	-9.3	883	922	-4.2
Arizona	129	127	133	3,152	3,067	2.8	6,618	6,357	4.1
Arkansas	.	.	.	.	.	.	.	1	.
Colorado	252	251	298	6,160	6,716	-8.3	13,431	13,966	-3.8
Illinois	923	901	957	22,179	23,666	-6.3	47,845	47,545	0.6
Indiana	673	677	699	16,344	16,537	-1.2	34,496	32,593	5.8
<b>Kentucky Total</b>	<b>698</b>	<b>701</b>	<b>787</b>	<b>17,339</b>	<b>19,316</b>	<b>-10.2</b>	<b>37,587</b>	<b>39,984</b>	<b>-6.0</b>
Eastern (KY)	293	296	344	7,538	8,443	-10.7	16,052	17,722	-9.4
Western (KY)	405	405	443	9,801	10,873	-9.9	21,535	22,261	-3.3
Louisiana	34	32	35	665	638	4.2	1,506	1,331	13.1
Maryland	17	17	22	463	638	-27.5	1,048	1,511	-30.6
Mississippi	66	63	61	1,440	1,341	7.4	3,031	2,444	24.0
Missouri	5	5	5	118	123	-4.1	253	251	0.8
Montana	694	683	716	17,173	17,325	-0.9	38,365	38,176	0.5
New Mexico	134	138	137	3,223	3,608	-10.7	10,389	9,871	5.2
North Dakota	536	531	543	13,363	13,802	-3.2	29,133	29,323	-0.6
Ohio	145	137	132	3,563	3,972	-10.3	8,556	8,974	-4.7
Oklahoma	20	19	20	432	359	20.4	787	651	20.9
<b>Pennsylvania Total</b>	<b>911</b>	<b>930</b>	<b>1,065</b>	<b>22,726</b>	<b>24,268</b>	<b>-6.4</b>	<b>48,139</b>	<b>49,186</b>	<b>-2.1</b>
Anthracite (PA)	36	34	38	829	869	-4.6	1,826	1,812	0.8
Bituminous (PA)	876	896	1,027	21,897	23,399	-6.4	46,313	47,375	-2.2
Tennessee	3	3	3	72	97	-25.2	165	266	-38.0
Texas	372	367	512	9,602	11,971	-19.8	22,387	31,960	-30.0
Utah	229	224	240	5,920	6,409	-7.6	13,071	14,087	-7.2
Virginia	225	224	248	5,534	6,211	-10.9	12,199	12,972	-6.0
<b>West Virginia Total</b>	<b>1,823</b>	<b>1,782</b>	<b>1,975</b>	<b>44,378</b>	<b>46,204</b>	<b>-4.0</b>	<b>93,118</b>	<b>94,041</b>	<b>-1.0</b>
Northern (WV)	832	832	924	20,580	21,753	-5.4	44,576	45,422	-1.9
Southern (WV)	991	950	1,051	23,798	24,450	-2.7	48,542	48,619	-0.2
Wyoming	5,168	5,139	5,379	127,943	138,480	-7.6	292,952	308,363	-5.0
<b>Appalachian Total</b>	<b>3,708</b>	<b>3,675</b>	<b>4,069</b>	<b>91,365</b>	<b>96,954</b>	<b>-5.8</b>	<b>193,961</b>	<b>198,046</b>	<b>-2.1</b>
<b>Interior Total</b>	<b>2,498</b>	<b>2,468</b>	<b>2,731</b>	<b>60,582</b>	<b>65,507</b>	<b>-7.5</b>	<b>131,840</b>	<b>139,038</b>	<b>-5.2</b>
<b>Western Total</b>	<b>7,157</b>	<b>7,107</b>	<b>7,462</b>	<b>177,301</b>	<b>189,811</b>	<b>-6.6</b>	<b>404,842</b>	<b>421,065</b>	<b>-3.9</b>
<b>East of Mississippi River</b>	<b>5,774</b>	<b>5,721</b>	<b>6,228</b>	<b>141,129</b>	<b>149,370</b>	<b>-5.5</b>	<b>300,869</b>	<b>302,890</b>	<b>-0.7</b>
<b>West of Mississippi River</b>	<b>7,588</b>	<b>7,530</b>	<b>8,034</b>	<b>188,118</b>	<b>202,903</b>	<b>-7.3</b>	<b>429,775</b>	<b>455,260</b>	<b>-5.6</b>
Bituminous and Lignite	13,326	13,217	14,224	328,419	351,404	-6.5	728,818	756,339	-3.6
Anthracite	36	34	38	829	869	-4.6	1,826	1,812	0.8
<b>U.S. Total</b>	<b>13,362</b>	<b>13,251</b>	<b>14,262</b>	<b>329,248</b>	<b>352,273</b>	<b>-6.5</b>	<b>730,644</b>	<b>758,150</b>	<b>-3.6</b>
Railroad Cars Loaded	78,543	77,903	83,006	1,928,199	2,038,610	-5.4	4,295,341	4,424,104	-2.9

Source: Energy Information Administration



# Weekly Electric Output

Volume 87 No. 25

**OUTPUT FOR WEEK ENDED - Jun 22, 2019**

**Jun 26, 2019**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Jun 22, 2019** was **81,189** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **181** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended June 22		52 Weeks Ended June 22	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,164	-9.9	120,395	0.2
Mid-Atlantic	8,407	-9.9	434,689	0.9
Central Industrial	12,290	-16.5	670,883	-0.2
West Central	6,236	-14.4	332,330	-0.2
Southeast	21,252	-6.6	1,037,967	0.0
South Central	17,263	2.6	755,714	0.9
Rocky Mountain	5,626	-1.9	281,258	1.4
Pacific Northwest	2,630	-3.6	157,419	-0.1
Pacific Southwest	5,321	-4.4	273,321	-2.2
Total United States	81,189	-7.1	4,063,976	0.1

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

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jun 01	77,831	Jun 02	83,583	-6.9	Jun 01	4,080,860	0.6
Jun 08	78,930	Jun 09	81,822	-3.5	Jun 08	4,077,968	0.4
Jun 15	77,184	Jun 16	85,018	-9.2	Jun 15	4,070,134	0.3
Jun 22	81,189	Jun 23	87,347	-7.1	Jun 22	4,063,976	0.1
<b>Jun 22</b>	<b>1,869,142</b>	<b>Jun 23</b>	<b>1,918,890</b>	<b>-2.6</b>	<b>YEAR TO DATE, FIRST 25 WEEKS</b>		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jun 01	191	Jun 02	199	Jun 03	174
Jun 08	191	Jun 09	189	Jun 10	175
Jun 15	178	Jun 16	187	Jun 17	193
Jun 22	181	Jun 23	191	Jun 24	188

\* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

Copyright © 2019 Edison Electric Institute. All rights reserved.

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	22-Jun 2019 GWh Output	23-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	22-Jun 2019 GWh Output	23-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	22-Jun 2019 GWh Output	23-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	2,164	2,401	-9.9%	<b>54,399</b>	<b>56,214</b>	<b>-3.2%</b>	120,395	120,108	0.2%
<b>Mid-Atlantic</b>	8,407	9,333	-9.9%	<b>197,552</b>	<b>203,262</b>	<b>-2.8%</b>	434,689	430,973	0.9%
<b>Central Industrial</b>	12,290	14,719	-16.5%	<b>313,631</b>	<b>327,328</b>	<b>-4.2%</b>	670,883	671,947	-0.2%
<b>West Central</b>	6,236	7,288	-14.4%	<b>153,059</b>	<b>158,623</b>	<b>-3.5%</b>	332,330	333,160	-0.2%
<b>Southeast</b>	21,252	22,754	-6.6%	<b>481,094</b>	<b>495,030</b>	<b>-2.8%</b>	1,037,967	1,037,902	0.0%
<b>South Central</b>	17,263	16,821	2.6%	<b>344,801</b>	<b>352,028</b>	<b>-2.1%</b>	755,714	749,312	0.9%
<b>Rocky Mountain</b>	5,626	5,737	-1.9%	<b>124,711</b>	<b>124,650</b>	<b>0.0%</b>	281,258	277,364	1.4%
<b>Pacific Northwest</b>	2,630	2,728	-3.6%	<b>79,532</b>	<b>78,058</b>	<b>1.9%</b>	157,419	157,612	-0.1%
<b>Pacific Southwest</b>	5,321	5,566	-4.4%	<b>120,364</b>	<b>123,696</b>	<b>-2.7%</b>	273,321	279,548	-2.2%
<b>Total United States</b> <sup>1/</sup>	81,189	87,347	-7.1%	<b>1,869,143</b>	<b>1,918,889</b>	<b>-2.6%</b>	4,063,976	4,057,926	0.1%
<b>Coal Regions Only</b> <sup>2/</sup>	71,074	76,652	-7.3%	<b>1,614,848</b>	<b>1,660,921</b>	<b>-2.8%</b>	3,512,841	3,500,658	0.3%

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.

<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  
 25 Massachusetts Avenue, NW, Suite 800  
 Washington, D.C. 20001

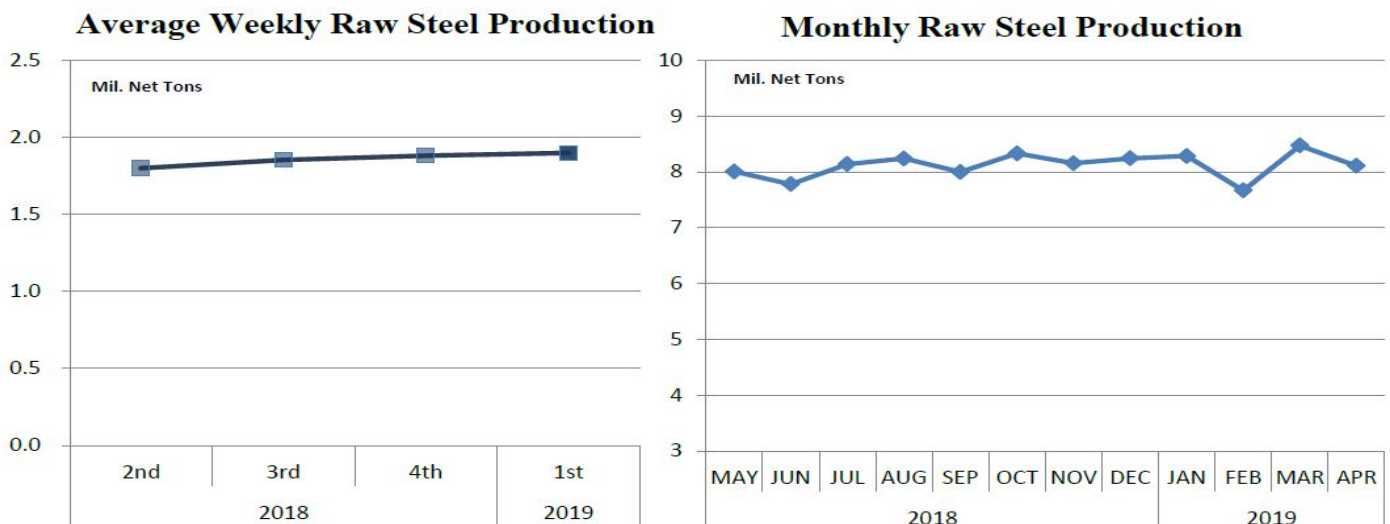
June 24, 2019

**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 Jun 22</u>	<u>Week Ending Jun 15</u>	
<b><u>Week Ending</u></b>				North East	219	215
				Great Lakes	708	710
June 22, 2019	1,873	-0.7	80.5	Midwest	205	199
June 22, 2018	1,815	3.2	77.4	Southern	668	694
June 15, 2019	1,887	0.6	81.1	Western	73	69
				<b>Total</b>	<b>1,873</b>	<b>1,887</b>
<b><u>Year-to-Date +</u></b>						
June 22, 2019	46,870	5.8	81.5			
June 22, 2018	44,288	-	76.7			

\*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.

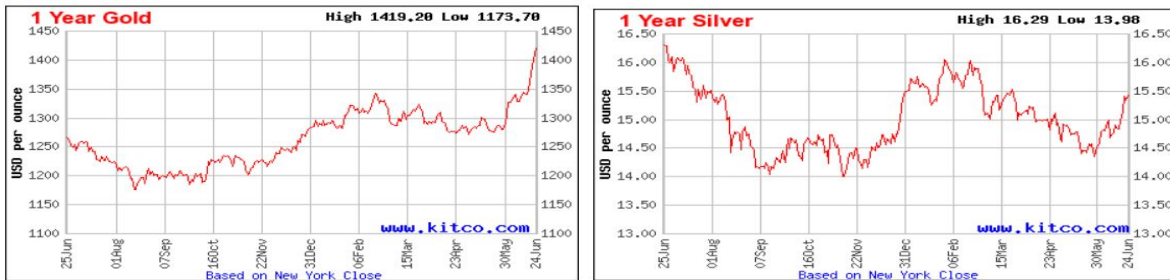
NOTE: Capacity for the second quarter 2019 is approximately 30.3 million net tons vs. 30.5 million net tons for the same period last year, and 29.9 million tons for the first quarter of 2019.



\*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 25, 2019 – Ended June 22, 2019

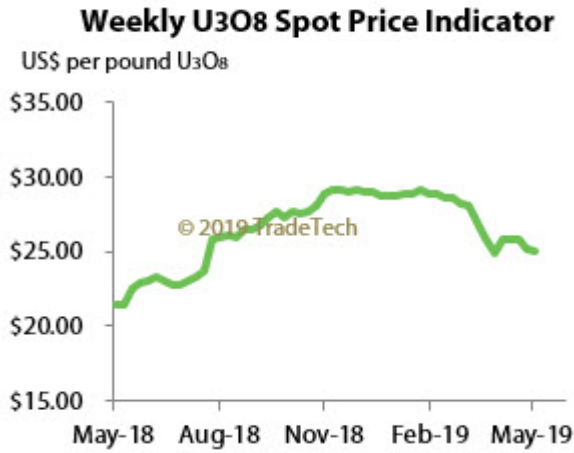
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>257,836</b>	<b>-4.0%</b>	<b>6,290,803</b>	<b>251,632</b>	<b>-2.9%</b>
Chemicals	31,979	-1.4%	807,719	32,309	-0.1%
Coal	78,543	-5.5%	1,947,853	77,914	-5.4%
Farm Products excl. Grain, and Food	15,096	-6.0%	389,481	15,579	-3.8%
Forest Products	9,521	-6.3%	248,070	9,923	-2.5%
Grain	22,794	-5.4%	550,197	22,008	-4.9%
Metallic Ores and Metals	22,662	-8.4%	545,740	21,830	-3.7%
Motor Vehicles and Parts	16,965	-1.5%	410,093	16,404	-2.6%
Nonmetallic Minerals	36,309	-5.4%	837,381	33,495	-5.9%
Petroleum and Petroleum Products	14,062	23.3%	319,987	12,799	23.6%
Other	9,905	-9.3%	234,282	9,371	-0.5%
<b>Total Intermodal Units</b>	<b>267,280</b>	<b>-7.5%</b>	<b>6,652,512</b>	<b>266,100</b>	<b>-3.0%</b>
<b>Total Traffic</b>	<b>525,116</b>	<b>-5.8%</b>	<b>12,943,315</b>	<b>517,733</b>	<b>-2.9%</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.

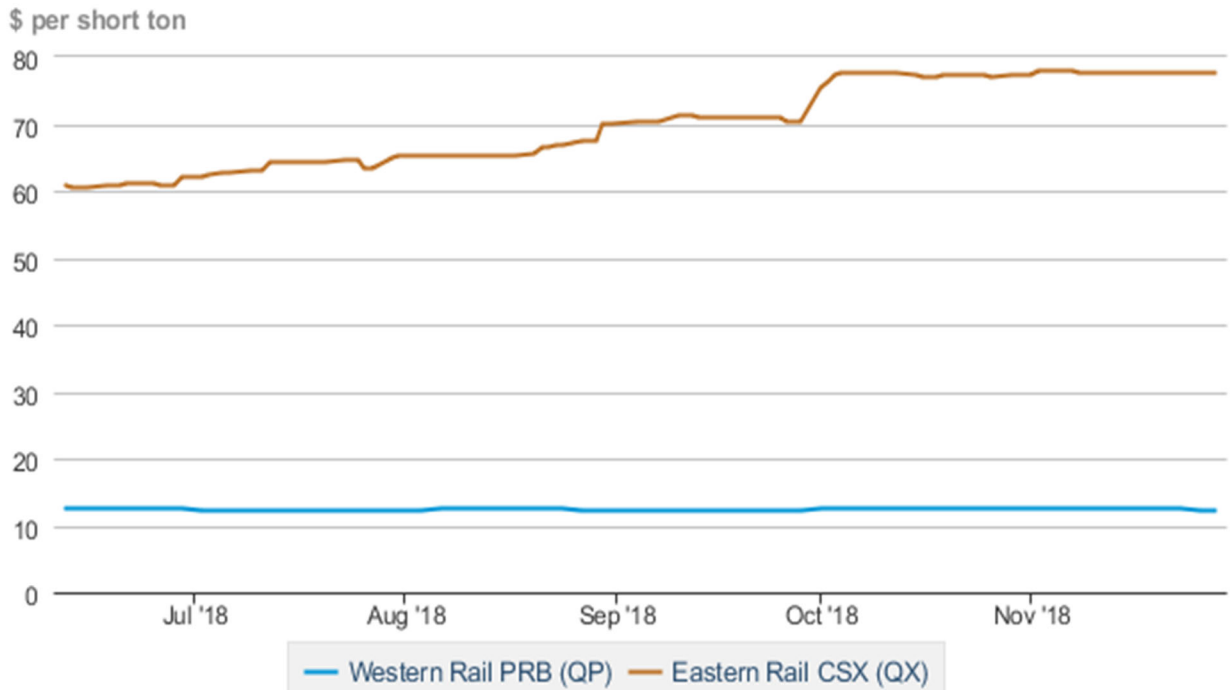
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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



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.

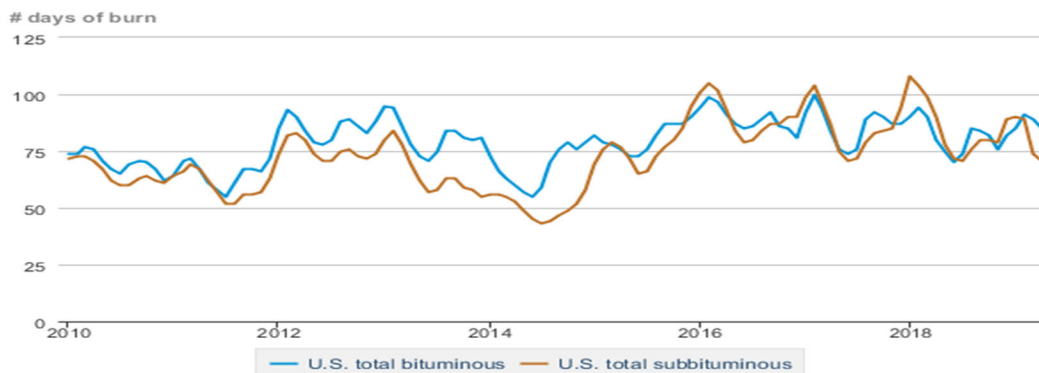
Source: Energy Information Administration **Note: EIA has discontinued reporting NYMEX coal Futures price data.**

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

	Week ending					Week ago
	05/24/19	05/31/19	06/07/19	06/14/19	06/21/19	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$58.80	\$58.80	\$59.25	\$59.25	\$61.05	\$1.80
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$60.30	\$60.30	\$53.40	\$53.40	\$52.20	\$-1.20
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$40.20	\$40.20	\$39.10	\$39.10	\$39.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$12.35	\$12.35	\$12.30	\$12.30	\$12.25	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$36.35	\$36.35	\$35.90	\$35.90	\$35.75	\$-0.15

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

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jun 13)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	20	2	1	5	-4	2
Middle Atlantic	11	-2	2	10	-11	0
E N Central	15	-1	11	16	-13	-19
W N Central	19	5	17	28	-10	-39
South Atlantic	1	-2	0	72	4	-2
E S Central	4	2	4	59	-3	-26
W S Central	1	1	1	86	-8	-41
Mountain	25	-1	19	51	4	-16
Pacific	5	-14	-3	42	23	22
United States	11	-2	6	43	-1	-10

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

Source: National Oceanic and Atmospheric Administration

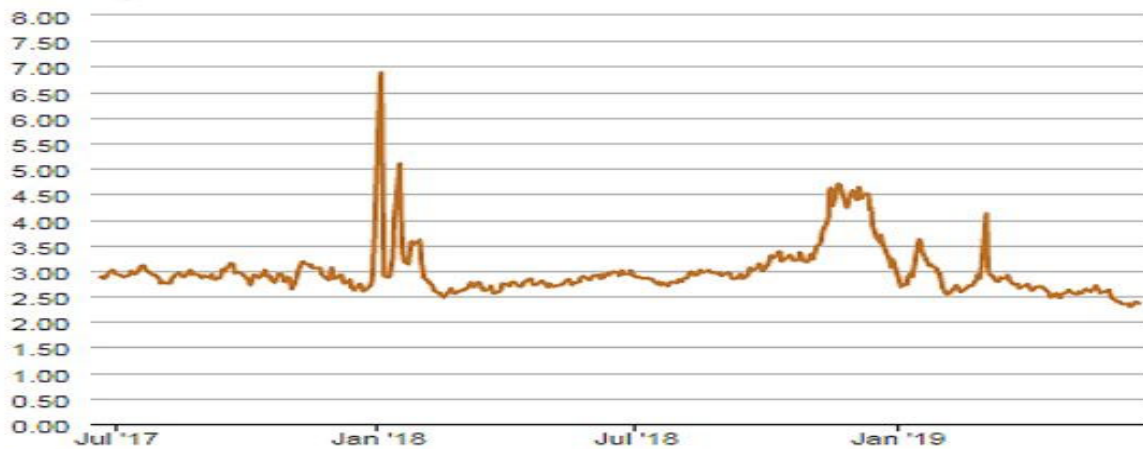
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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	April 2019		April 2018			March 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	3,431	156	3,332	88	3.0%	3,295	147	4.1%
	Subbituminous	163	278	79	233	105.9%	150	259	9.0%
South	Bituminous	21,570	84	23,747	78	-9.2%	20,009	90	7.8%
	Subbituminous	4,413	52	7,259	75	-39.2%	3,963	58	11.4%
Midwest	Bituminous	9,249	77	10,838	76	-14.7%	7,934	75	16.6%
	Subbituminous	19,535	75	33,992	95	-42.5%	16,263	74	20.1%
West	Bituminous	3,480	80	4,976	102	-30.1%	3,267	89	6.5%
	Subbituminous	19,728	73	27,300	88	-27.7%	19,080	79	3.4%
U.S. Total	Bituminous	37,731	85	42,894	80	-12.0%	34,505	89	9.3%
	Subbituminous	43,839	71	68,631	90	-36.1%	39,456	74	11.1%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

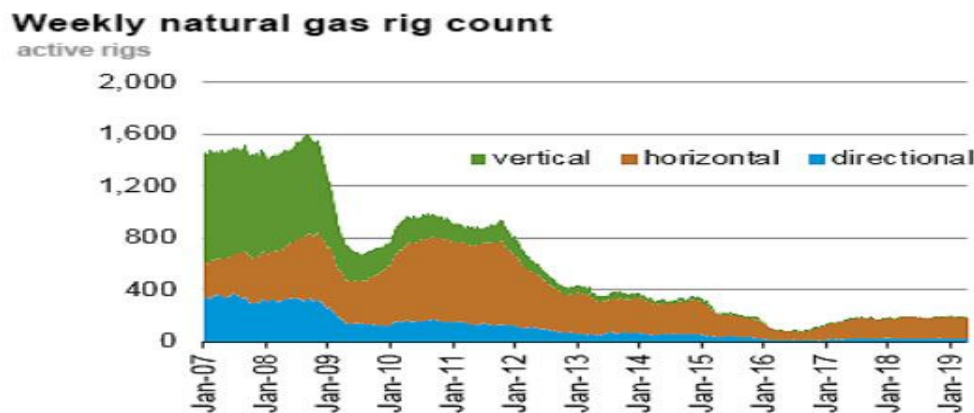
### EIA Working Natural Gas Underground Storage

Working gas in underground storage			
Region	Stocks billion cubic feet (Bcf)		
	2019-06-14	2019-06-07	change
East	472	440	32
Midwest	503	469	34
Mountain	118	111	7
Pacific	234	227	7
South Central	875	842	33
<b>Total</b>	<b>2,203</b>	<b>2,088</b>	<b>115</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		
	June 2019	July 2019	change	June 2019	July 2019	change
Anadarko	424	429	5	2,855	2,858	3
Appalachia	144	144	-	15,930	15,930	-
Bakken	1,409	1,413	4	2,029	2,044	15
Eagle Ford	1,334	1,336	2	4,844	4,860	16
Haynesville	26	26	-	10,807	10,946	139
Niobrara	1,209	1,210	1	4,251	4,262	11
Permian	679	698	19	1,322	1,333	11
Rig-weighted average	702	716	14	4,015	3,999	(16)

Source: Energy Information Administration, *Drilling Productivity Report*