

# National Mining Association

## Weekly Statistical Summary

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June 7, 2019 Edition  
(Data for Week Ending June 1, 2019)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 57, No. 22  
Dated 06/07/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/01/19	06/02/18	% Chng	06/01/19	06/01/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	12,027	13,100	-8.2%	290,471	308,832	-5.9%
52 Weeks Ended	735,458	760,792	-3.3%			
AAR Coal Rail Cars Loaded:	70,737	76,242	-7.2%	1,700,227	1,785,785	-4.8%
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>		
	06/01/19	06/02/18	% Chng	06/01/19	06/02/18	% Chng
<b>EI Electric Total Output (Mil. Kwh)</b>	77,831	83,583	-6.9%	1,631,840	1,664,704	-2.0%
<b>EI Coal Region Output (Mil. Kwh)</b>	68,658	73,647	-6.8%	1,408,264	1,437,926	-2.1%
<b>AISI Raw Steel Output (000 Tons)</b>	1,890	1,809	4.5%	41,235	38,842	6.2%

## 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)	
	05/31/19	05/24/19	% Chng	Wed.	05/29/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$58.80	\$58.80	0.0%	Henry Hub	2.63
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	60.30	60.30	0.0%	New York	2.33
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	40.20	40.20	0.0%	Chicago	2.43
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.35	12.35	0.0%	Cal.Comp.Avg.	2.50
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	36.35	36.35	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)

## EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	6/1/2019 (week 22)	5/25/2019 (week 21)	6/2/2018 (week 22)	6/1/2019	6/1/2018	% Change	6/1/2019	6/2/2018	% Change
Alabama	263	283	256	6,256	6,271	-0.2	14,702	13,397	9.7
Alaska	13	14	13	325	360	-9.7	886	926	-4.3
Arizona	116	125	123	2,779	2,661	4.5	6,653	6,291	5.8
Arkansas								5	
Colorado	227	248	274	5,423	5,808	-6.6	13,605	14,135	-3.7
Illinois	830	890	879	19,547	20,752	-5.8	48,137	47,793	0.7
Indiana	606	669	642	14,368	14,409	-0.3	34,656	32,356	7.1
<b>Kentucky Total</b>	<b>628</b>	<b>692</b>	<b>723</b>	<b>15,299</b>	<b>16,918</b>	<b>-9.6</b>	<b>37,953</b>	<b>40,186</b>	<b>-5.6</b>
Eastern (KY)	264	292	316	6,678	7,395	-9.7	16,244	17,809	-8.8
Western (KY)	364	400	407	8,621	9,523	-9.5	21,709	22,377	-3.0
Louisiana	31	31	32	570	531	7.3	1,518	1,339	13.4
Maryland	15	17	21	413	570	-27.5	1,067	1,566	-31.9
Mississippi	59	62	56	1,253	1,156	8.5	3,030	2,463	23.0
Missouri	4	5	5	104	108	-3.2	255	251	1.6
Montana	625	674	658	15,173	15,144	0.2	38,554	37,915	1.7
New Mexico	120	137	126	2,810	3,190	-11.9	10,396	10,487	-0.9
North Dakota	483	525	499	11,807	12,148	-2.8	29,237	29,290	-0.2
Ohio	131	135	121	3,164	3,570	-11.4	8,559	9,169	-6.7
Oklahoma	18	19	18	375	299	25.4	790	631	25.2
<b>Pennsylvania Total</b>	<b>820</b>	<b>919</b>	<b>979</b>	<b>20,015</b>	<b>21,023</b>	<b>-4.8</b>	<b>48,684</b>	<b>49,064</b>	<b>-0.8</b>
Anthracite (PA)	32	34	35	728	752	-3.2	1,842	1,817	1.4
Bituminous (PA)	788	885	943	19,286	20,270	-4.9	46,841	47,247	-0.9
Tennessee	2	3	3	65	86	-25.1	168	285	-41.1
Texas	335	362	470	8,525	10,412	-18.1	22,875	32,447	-29.5
Utah	206	221	221	5,268	5,676	-7.2	13,154	14,193	-7.3
Virginia	202	221	227	4,882	5,457	-10.5	12,305	13,078	-5.9
<b>West Virginia Total</b>	<b>1,641</b>	<b>1,760</b>	<b>1,814</b>	<b>39,168</b>	<b>40,189</b>	<b>-2.5</b>	<b>93,943</b>	<b>93,771</b>	<b>0.2</b>
Northern (WV)	749	822	848	18,148	18,940	-4.2	44,967	45,406	-1.0
Southern (WV)	892	938	965	21,020	21,249	-1.1	48,977	48,365	1.3
Wyoming	4,651	5,074	4,941	112,882	122,096	-7.5	294,332	309,753	-5.0
<b>Appalachian Total</b>	<b>3,337</b>	<b>3,629</b>	<b>3,737</b>	<b>80,640</b>	<b>84,561</b>	<b>-4.6</b>	<b>195,672</b>	<b>198,140</b>	<b>-1.2</b>
<b>Interior Total</b>	<b>2,248</b>	<b>2,437</b>	<b>2,509</b>	<b>53,364</b>	<b>57,189</b>	<b>-6.7</b>	<b>132,970</b>	<b>139,661</b>	<b>-4.8</b>
<b>Western Total</b>	<b>6,442</b>	<b>7,017</b>	<b>6,854</b>	<b>156,467</b>	<b>167,082</b>	<b>-6.4</b>	<b>406,817</b>	<b>422,990</b>	<b>-3.8</b>
<b>East of Mississippi River</b>	<b>5,197</b>	<b>5,649</b>	<b>5,720</b>	<b>124,430</b>	<b>130,400</b>	<b>-4.6</b>	<b>303,205</b>	<b>303,129</b>	<b>s</b>
<b>West of Mississippi River</b>	<b>6,830</b>	<b>7,434</b>	<b>7,380</b>	<b>166,041</b>	<b>178,432</b>	<b>-6.9</b>	<b>432,254</b>	<b>457,663</b>	<b>-5.6</b>
Bituminous and Lignite	11,995	13,050	13,065	289,743	308,080	-6.0	733,616	758,974	-3.3
Anthracite	32	34	35	728	752	-3.2	1,842	1,817	1.4
<b>U.S. Total</b>	<b>12,027</b>	<b>13,083</b>	<b>13,100</b>	<b>290,471</b>	<b>308,832</b>	<b>-5.9</b>	<b>735,458</b>	<b>760,792</b>	<b>-3.3</b>
Railroad Cars Loaded	70,737	76,971	76,242	1,700,227	1,785,785	-4.8	4,321,073	4,428,957	-2.4

Source: Energy Information Administration



# Weekly Electric Output

## Volume 87 No. 22

### OUTPUT FOR WEEK ENDED - Jun 01, 2019

Jun 05, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, Jun 01, 2019 was 77,831 gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to 191 on the weekly electric output index.

### WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 01		52 Weeks Ended June 01	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	1,938	-11.9	120,750	-0.1
Mid-Atlantic	7,939	-5.4	435,746	0.7
Central Industrial	11,896	-16.5	675,969	0.4
West Central	5,907	-19.3	334,691	0.5
Southeast	22,655	6.5	1,042,641	0.8
South Central	15,699	-9.0	758,039	1.6
Rocky Mountain	4,562	-12.0	282,167	1.6
Pacific Northwest	2,665	0.1	157,338	-0.1
Pacific Southwest	4,570	-10.0	273,519	-2.6
Total United States	77,831	-6.9	4,080,860	0.6

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

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
May 11	69,699	May 12	73,179	-4.8	May 11	4,093,746	1.3
May 18	70,927	May 19	76,149	-6.9	May 18	4,088,525	1.1
May 25	75,768	May 26	77,681	-2.5	May 25	4,086,612	1.0
Jun 01	77,831	Jun 02	83,583	-6.9	Jun 01	4,080,860	0.6
<b>Jun 01</b>	<b>1,631,840</b>	<b>Jun 02</b>	<b>1,664,704</b>	<b>-2.0</b>	<b>YEAR TO DATE, FIRST 22 WEEKS</b>		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
May 11	184	May 12	189	May 13	169
May 18	184	May 19	195	May 20	187
May 25	194	May 26	192	May 27	176
Jun 01	191	Jun 02	199	Jun 03	174

\* 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		
	1-Jun 2019 GWh Output	2-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	1-Jun 2019 GWh Output	2-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	1-Jun 2019 GWh Output	2-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	1,938	2,200	-11.9%	<b>48,185</b>	<b>49,644</b>	<b>-2.9%</b>	120,750	120,870	-0.1%
<b>Mid-Atlantic</b>	7,939	8,391	-5.4%	<b>173,657</b>	<b>178,310</b>	<b>-2.6%</b>	435,746	432,781	0.7%
<b>Central Industrial</b>	11,896	14,243	-16.5%	<b>277,316</b>	<b>285,927</b>	<b>-3.0%</b>	675,969	673,249	0.4%
<b>West Central</b>	5,907	7,322	-19.3%	<b>134,403</b>	<b>137,606</b>	<b>-2.3%</b>	334,691	333,152	0.5%
<b>Southeast</b>	22,655	21,263	6.5%	<b>419,259</b>	<b>428,522</b>	<b>-2.2%</b>	1,042,641	1,034,229	0.8%
<b>South Central</b>	15,699	17,245	-9.0%	<b>295,518</b>	<b>300,420</b>	<b>-1.6%</b>	758,039	746,182	1.6%
<b>Rocky Mountain</b>	4,562	5,183	-12.0%	<b>108,111</b>	<b>107,141</b>	<b>0.9%</b>	282,167	277,639	1.6%
<b>Pacific Northwest</b>	2,665	2,661	0.2%	<b>71,413</b>	<b>70,021</b>	<b>2.0%</b>	157,338	157,561	-0.1%
<b>Pacific Southwest</b>	4,570	5,075	-10.0%	<b>103,978</b>	<b>107,111</b>	<b>-2.9%</b>	273,519	280,776	-2.6%
<b>Total United States</b> <sup>1/</sup>	77,831	83,583	-6.9%	<b>1,631,840</b>	<b>1,664,702</b>	<b>-2.0%</b>	4,080,860	4,056,439	0.6%
<b>Coal Regions Only</b> <sup>2/</sup>	68,658	73,647	-6.8%	<b>1,408,264</b>	<b>1,437,926</b>	<b>-2.1%</b>	3,529,253	3,497,232	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*.

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June 3, 2019

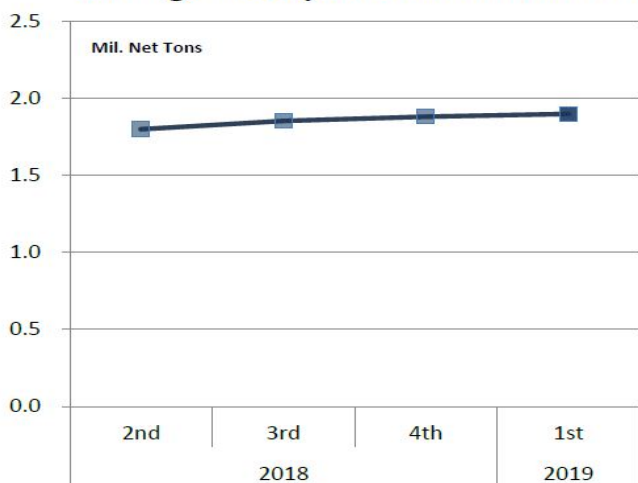
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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>Jun 1</u>	<u>May 25</u>	
<b><u>Week Ending</u></b>				North East	203	192
				Great Lakes	741	727
June 1, 2019	1,890	-0.1	81.2	Midwest	189	207
June 1, 2018	1,809	4.5	77.2	Southern	685	692
May 25, 2019	1,892	-0.4	81.3	Western	<u>72</u>	<u>74</u>
				Total	1,890	1,892
<b><u>Year-to-Date +</u></b>						
June 1, 2019	41,235	6.2	81.6			
June 1, 2018	38,842	-	76.6			

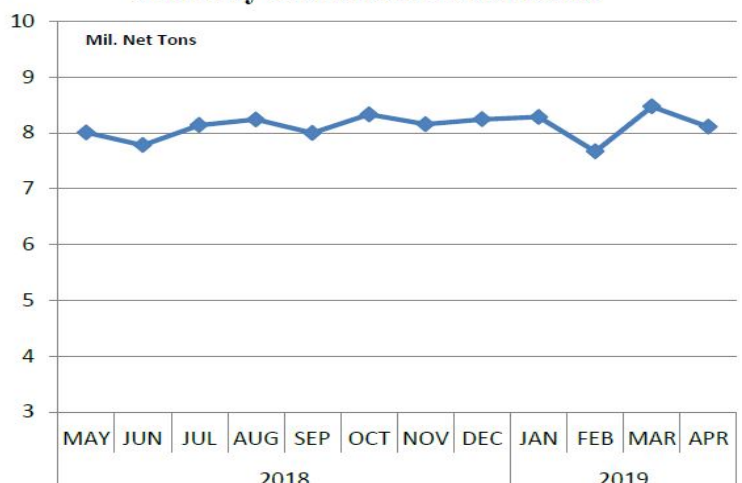
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 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 22, 2019 – Ended June 1, 2019**

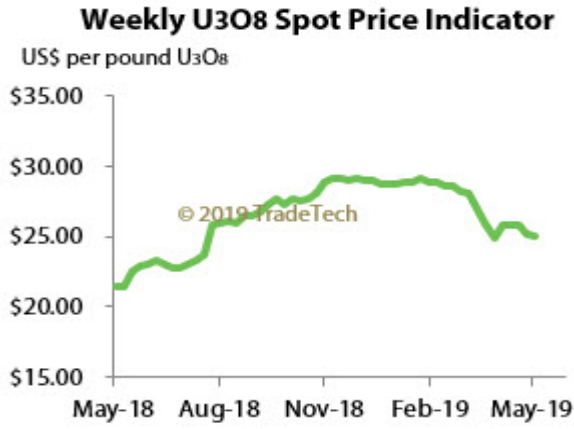
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>237,512</b>	<b>-5.8%</b>	<b>5,528,824</b>	<b>251,310</b>	<b>-2.4%</b>
Chemicals	31,508	1.3%	710,956	32,316	-0.2%
Coal	70,737	-7.3%	1,719,881	78,176	-4.7%
Farm Products excl. Grain, and Food	14,862	-5.3%	343,634	15,620	-3.2%
Forest Products	9,491	-7.5%	219,472	9,976	-1.6%
Grain	20,827	-7.3%	483,765	21,989	-4.8%
Metallic Ores and Metals	21,100	-14.2%	477,379	21,699	-3.3%
Motor Vehicles and Parts	14,682	-5.4%	360,727	16,397	-2.3%
Nonmetallic Minerals	33,073	-9.1%	728,219	33,101	-5.5%
Petroleum and Petroleum Products	12,989	20.0%	279,827	12,719	24.3%
Other	8,243	-7.4%	204,964	9,317	-0.1%
<b>Total Intermodal Units</b>	<b>241,167</b>	<b>-6.4%</b>	<b>5,848,287</b>	<b>265,831</b>	<b>-2.4%</b>
<b>Total Traffic</b>	<b>478,679</b>	<b>-6.1%</b>	<b>11,377,111</b>	<b>517,141</b>	<b>-2.4%</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.

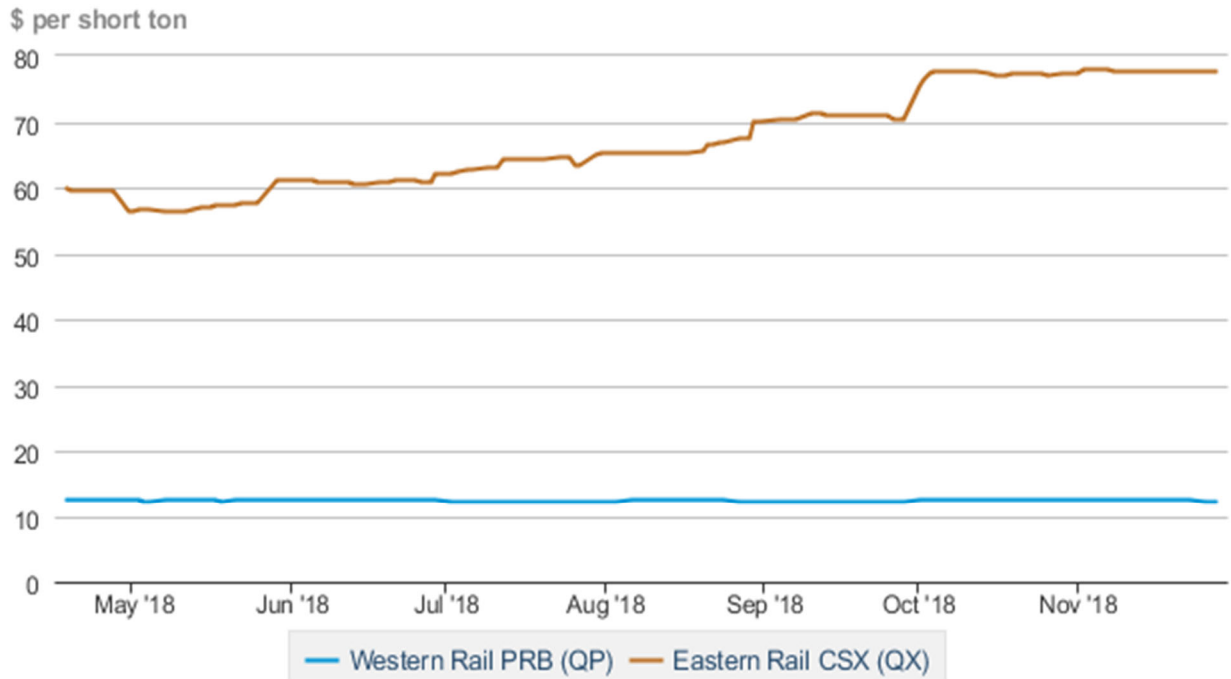
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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.

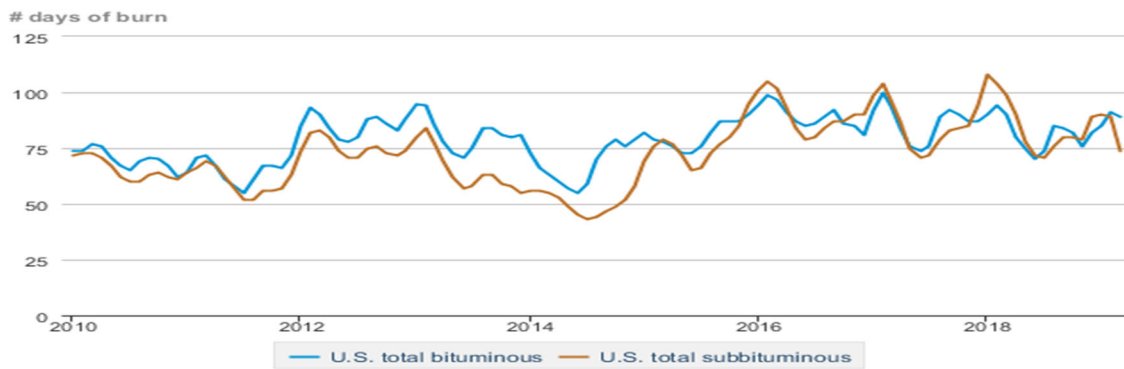
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

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

	Week ending					Week ago
	05/03/19	05/10/19	05/17/19	05/24/19	05/31/19	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$77.30	\$76.45	\$76.45	\$58.80	\$58.80	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$63.15	\$61.35	\$61.35	\$60.30	\$60.30	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$40.20	\$40.20	\$40.20	\$40.20	\$40.20	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$12.45	\$12.40	\$12.40	\$12.35	\$12.35	\$0.00
Uinta Basin 11 700 Btu 0.8 SO <sub>2</sub>	\$36.65	\$36.50	\$36.50	\$36.35	\$36.35	\$0.00

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

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



Source: U.S. Energy Information Administration

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

### Temperature – heating & cooling degree days (week ending May 23)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	36	-15	-15	4	2	3
Middle Atlantic	18	-22	-11	10	3	7
E N Central	41	-4	4	9	-5	3
W N Central	65	25	34	10	-7	-11
South Atlantic	2	-13	0	70	25	9
E S Central	0	-14	-1	66	31	8
W S Central	1	-1	1	85	22	8
Mountain	102	49	63	3	-21	-17
Pacific	73	40	41	0	-8	-1
United States	40	6	14	31	6	3

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

Source: National Oceanic and Atmospheric Administration

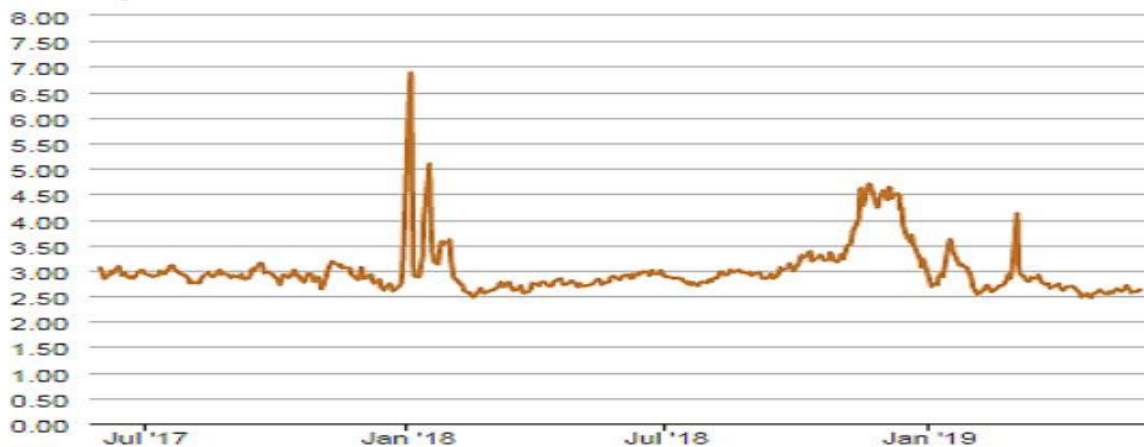
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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	March 2019		March 2018			February 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	3,295	147	3,486	100	-5.5%	3,030	145	8.8%
	Subbituminous	150	259	110	278	36.6%	139	266	7.6%
South	Bituminous	20,009	90	22,824	88	-12.3%	18,377	94	8.9%
	Subbituminous	3,963	58	5,841	75	-32.2%	4,205	65	-5.8%
Midwest	Bituminous	7,934	75	10,838	84	-26.8%	7,105	68	11.7%
	Subbituminous	16,263	74	33,806	105	-51.9%	19,069	93	-14.7%
West	Bituminous	3,267	89	4,763	110	-31.4%	3,349	96	-2.4%
	Subbituminous	19,080	79	26,379	99	-27.7%	19,451	92	-1.9%
U.S. Total	Bituminous	34,505	89	41,911	90	-17.7%	31,860	91	8.3%
	Subbituminous	39,456	74	66,136	99	-40.3%	42,864	89	-8.0%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

### EIA Working Natural Gas Underground Storage

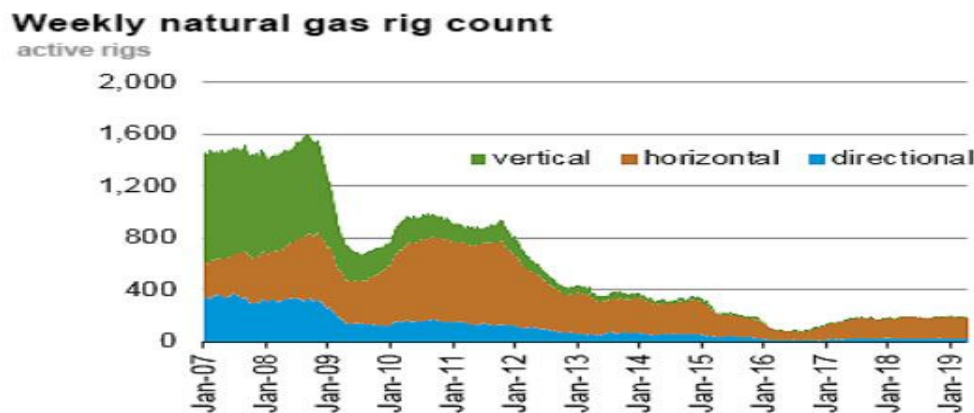
**Working gas in underground storage**

Region	Stocks billion cubic feet (Bcf)		
	2019-05-24	2019-05-17	change
East	383	353	30
Midwest	399	364	35
Mountain	93	89	4
Pacific	198	186	12
South Central	793	762	31
<b>Total</b>	<b>1,867</b>	<b>1,753</b>	<b>114</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		
	May 2019	June 2019	change	May 2019	June 2019	change
Anadarko	404	412	8	2,840	2,856	16
Appalachia	143	143	-	15,930	15,930	-
Bakken	1,384	1,386	2	1,986	1,986	-
Eagle Ford	1,337	1,340	3	4,868	4,880	12
Haynesville	26	26	-	10,665	10,834	169
Niobrara	1,236	1,238	2	4,271	4,286	15
Permian	654	682	28	1,294	1,324	30
Rig-weighted average	689	703	14	3,989	4,020	31

Source: Energy Information Administration, *Drilling Productivity Report*