

# National Mining Association

## Weekly Statistical Summary

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August 9, 2019 Edition  
(Data for Week Ending August 3, 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. 31  
Dated 08/09/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/03/19	08/04/18	% Chng	08/03/19	08/04/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	14,340	15,802	-9.3%	417,737	438,563	-4.7%
52 Weeks Ended	733,189	756,791	-3.1%			
AAR Coal Rail Cars Loaded:	83,676	93,324	-10.3%	2,391,137	2,548,504	-6.2%
Coal Production	<b>July 19/18</b>		<b>% Chng</b>	<b>Jan - July 19/18</b>		<b>% Chng</b>
Month Ended - July	58,245	62,969	-7.5%	411,571	431,453	-4.6%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>June 19/18</b>		<b>% Chng</b>	<b>Jan - June 19/18</b>		<b>% Chng</b>
Metallurgical	5,189	5,480	-5.3%	29,005	31,820	-8.8%
Steam Bit. *	2,747	4,650	-40.9%	21,383	26,166	-18.3%
Lignite	8	5	60.0%	47	44	6.8%
Anthracite	7	6	16.7%	121	90	34.4%
<b>Total</b>	<b>7,951</b>	<b>10,141</b>	<b>-21.6%</b>	<b>50,556</b>	<b>58,120</b>	<b>-13.0%</b>
<b>Imports:</b>	660	509	29.7%	3,293	2,913	13.0%
	<b>Week Ended</b>			<b>Cumulative Week 1 to</b>		
	<b>08/03/19</b>	<b>08/04/18</b>	<b>% Chng</b>	<b>08/03/19</b>	<b>08/04/18</b>	<b>% Chng</b>
<b>EI Electric Total Output (Mil. Kwh)</b>	90,616	88,440	2.5%	2,408,654	2,464,486	-2.3%
<b>EI Coal Region Output (Mil. Kwh)</b>	78,557	75,760	3.7%	2,086,786	2,133,653	-2.2%
<b>AISI Raw Steel Output (000 Tons)</b>	1,897	1,848	2.7%	57,945	55,279	4.8%

## 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)	
	08/02/19	07/26/19	% Chng	Wed.	07/31/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$65.80	\$65.55	0.4%	Henry Hub	2.23
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	49.80	48.30	3.1%	New York	2.16
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	39.10	39.10	0.0%	Chicago	2.08
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.05	12.10	-0.4%	Cal.Comp.Avg.	2.59
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	34.85	35.00	-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



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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>		
	8/3/2019 (week 31)	7/27/2019 (week 30)	8/4/2018 (week 31)	8/3/2019	8/3/2018	% Change	8/3/2019	8/4/2018	% Change
Alabama	294	288	294	8,879	8,714	1.9	14,808	13,632	8.6
Alaska	18	16	15	514	489	5.1	925	902	2.5
Arizona	127	127	140	3,749	3,837	-2.3	6,444	6,508	-1.0
Colorado	269	270	294	8,042	8,360	-3.8	13,670	14,101	-3.1
Illinois	965	947	1,006	29,189	29,211	-0.1	49,329	47,870	3.0
Indiana	710	685	684	20,884	20,121	3.8	35,272	32,693	7.9
<b>Kentucky Total</b>	<b>733</b>	<b>717</b>	<b>790</b>	<b>22,480</b>	<b>23,724</b>	<b>-5.2</b>	<b>38,448</b>	<b>39,912</b>	<b>-3.7</b>
Eastern (KY)	295	291	338	9,094	10,352	-12.2	15,834	17,693	-10.5
Western (KY)	438	426	452	13,386	13,372	0.1	22,614	22,219	1.8
Louisiana	33	36	42	823	863	-4.6	1,438	1,460	-1.5
Maryland	21	20	22	698	769	-9.3	1,224	1,443	-15.2
Mississippi	67	69	70	1,745	1,720	1.5	2,956	2,593	14.0
Missouri	5	5	5	134	152	-12.3	240	252	-4.8
Montana	734	692	776	19,223	21,579	-10.9	36,153	37,922	-4.7
New Mexico	275	267	247	6,921	4,859	42.4	12,822	9,632	33.1
North Dakota	571	551	643	16,716	17,268	-3.2	29,009	29,502	-1.7
Ohio	166	157	195	4,462	4,997	-10.7	8,432	8,937	-5.7
Oklahoma	13	15	20	369	468	-21.2	615	698	-11.9
<b>Pennsylvania Total</b>	<b>957</b>	<b>933</b>	<b>947</b>	<b>28,968</b>	<b>29,827</b>	<b>-2.9</b>	<b>48,985</b>	<b>49,394</b>	<b>-0.8</b>
Anthracite (PA)	39	38	38	1,151	1,086	6.0	1,956	1,835	6.6
Bituminous (PA)	918	895	909	27,817	28,742	-3.2	47,029	47,559	-1.1
Tennessee	4	4	5	124	139	-11.2	216	266	-18.8
Texas	379	386	539	13,037	14,940	-12.7	22,849	30,763	-25.7
Utah	255	248	283	8,237	7,934	3.8	13,863	14,134	-1.9
Virginia	240	234	262	7,154	7,692	-7.0	12,440	12,965	-4.0
<b>West Virginia Total</b>	<b>1,827</b>	<b>1,786</b>	<b>1,913</b>	<b>55,351</b>	<b>57,008</b>	<b>-2.9</b>	<b>93,577</b>	<b>94,975</b>	<b>-1.5</b>
Northern (WV)	905	878	918	27,139	26,965	0.6	46,169	45,897	0.6
Southern (WV)	922	908	995	28,212	30,043	-6.1	47,408	49,078	-3.4
Wyoming	5,679	5,476	6,611	160,039	173,891	-8.0	289,476	306,235	-5.5
<b>Appalachian Total</b>	<b>3,802</b>	<b>3,713</b>	<b>3,976</b>	<b>114,729</b>	<b>119,498</b>	<b>-4.0</b>	<b>195,516</b>	<b>199,306</b>	<b>-1.9</b>
<b>Interior Total</b>	<b>2,609</b>	<b>2,568</b>	<b>2,817</b>	<b>79,567</b>	<b>80,849</b>	<b>-1.6</b>	<b>135,312</b>	<b>138,548</b>	<b>-2.3</b>
<b>Western Total</b>	<b>7,929</b>	<b>7,647</b>	<b>9,009</b>	<b>223,441</b>	<b>238,217</b>	<b>-6.2</b>	<b>402,361</b>	<b>418,937</b>	<b>-4.0</b>
<b>East of Mississippi River</b>	<b>5,983</b>	<b>5,839</b>	<b>6,187</b>	<b>179,933</b>	<b>183,923</b>	<b>-2.2</b>	<b>305,687</b>	<b>304,681</b>	<b>0.3</b>
<b>West of Mississippi River</b>	<b>8,358</b>	<b>8,089</b>	<b>9,615</b>	<b>237,804</b>	<b>254,641</b>	<b>-6.6</b>	<b>427,502</b>	<b>452,110</b>	<b>-5.4</b>
Bituminous and Lignite	14,302	13,889	15,764	416,587	437,478	-4.8	731,233	754,956	-3.1
Anthracite	39	38	38	1,151	1,086	6.0	1,956	1,835	6.6
<b>U.S. Total</b>	<b>14,340</b>	<b>13,928</b>	<b>15,802</b>	<b>417,737</b>	<b>438,563</b>	<b>-4.7</b>	<b>733,189</b>	<b>756,791</b>	<b>-3.1</b>
Railroad Cars Loaded	83,676	81,255	93,324	2,391,137	2,548,504	-6.2	4,247,044	4,410,861	-3.7

Source: Energy Information Administration



## Weekly Electric Output

Volume 87 No. 31

### OUTPUT FOR WEEK ENDED - Aug 03, 2019

Aug 07, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Aug 03, 2019** was **90,616** 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 August 03		52 Weeks Ended August 03	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,886	1.1	120,061	-0.8
Mid-Atlantic	10,415	6.9	436,427	0.9
Central Industrial	14,180	3.5	671,577	-0.7
West Central	7,062	2.5	332,121	-0.7
Southeast	21,839	2.1	1,038,237	0.1
South Central	18,134	4.2	753,089	-0.2
Rocky Mountain	6,927	4.3	280,596	0.9
Pacific Northwest	2,847	0.3	156,788	-0.5
Pacific Southwest	6,326	-9.4	268,996	-3.8
Total United States	90,616	2.5	4,057,893	-0.3

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

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jul 13	89,586	Jul 14	91,064	-1.6	Jul 13	4,055,639	-0.3
Jul 20	95,459	Jul 21	92,868	2.8	Jul 20	4,058,229	-0.2
Jul 27	89,276	Jul 28	91,789	-2.7	Jul 27	4,055,716	-0.3
Aug 03	90,616	Aug 04	88,440	2.5	Aug 03	4,057,893	-0.3
<b>Aug 03</b>	<b>2,408,654</b>	<b>Aug 04</b>	<b>2,464,486</b>	<b>-2.3</b>	<b>YEAR TO DATE, FIRST 31 WEEKS</b>		

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

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jul 13	192	Jul 14	191	Jul 15	188
Jul 20	187	Jul 21	179	Jul 22	186
Jul 27	176	Jul 28	177	Jul 29	179
Aug 03	181	Aug 04	172	Aug 05	170

\* 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		
	3-Aug 2019 GWh Output	4-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	3-Aug 2019 GWh Output	4-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	3-Aug 2019 GWh Output	4-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	2,886	2,856	1.1%	<b>70,452</b>	<b>72,600</b>	<b>-3.0%</b>	120,061	121,090	-0.8%
<b>Mid-Atlantic</b>	10,415	9,741	6.9%	<b>258,069</b>	<b>262,039</b>	<b>-1.5%</b>	436,427	432,624	0.9%
<b>Central Industrial</b>	14,180	13,707	3.5%	<b>401,581</b>	<b>414,584</b>	<b>-3.1%</b>	671,577	676,357	-0.7%
<b>West Central</b>	7,062	6,888	2.5%	<b>197,442</b>	<b>203,215</b>	<b>-2.8%</b>	332,121	334,536	-0.7%
<b>Southeast</b>	21,839	21,387	2.1%	<b>616,144</b>	<b>629,810</b>	<b>-2.2%</b>	1,038,237	1,037,132	0.1%
<b>South Central</b>	18,134	17,398	4.2%	<b>450,169</b>	<b>460,022</b>	<b>-2.1%</b>	753,089	754,247	-0.2%
<b>Rocky Mountain</b>	6,927	6,639	4.3%	<b>163,381</b>	<b>163,983</b>	<b>-0.4%</b>	280,596	278,042	0.9%
<b>Pacific Northwest</b>	2,847	2,840	0.2%	<b>95,751</b>	<b>94,908</b>	<b>0.9%</b>	156,788	157,526	-0.5%
<b>Pacific Southwest</b>	6,326	6,984	-9.4%	<b>155,666</b>	<b>163,323</b>	<b>-4.7%</b>	268,996	279,728	-3.8%
<b>Total United States</b> <sup>1/</sup>	90,616	88,440	2.5%	<b>2,408,655</b>	<b>2,464,484</b>	<b>-2.3%</b>	4,057,892	4,071,282	-0.3%
<b>Coal Regions Only</b> <sup>2/</sup>	78,557	75,760	3.7%	<b>2,086,786</b>	<b>2,133,653</b>	<b>-2.2%</b>	3,512,047	3,512,938	0.0%

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

August 5, 2019

**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

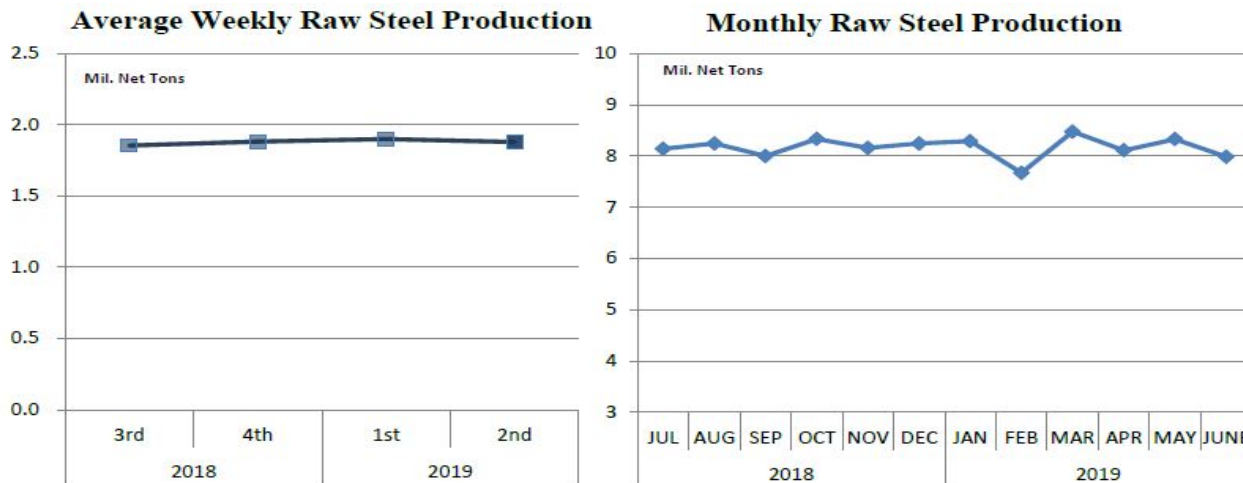
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>	
				<u>Week Ending</u>	
<u>Week Ending</u>				<u>Aug 3</u>	<u>Jul 27</u>
August 3, 2019	1,897	0.7	81.5	213	215
August 3, 2018	1,848	2.7	78.8	699	719
July 27, 2019	1,884	0.6	80.9	209	193
				702	686
				74	71
				<u>1,897</u>	<u>1,884</u>

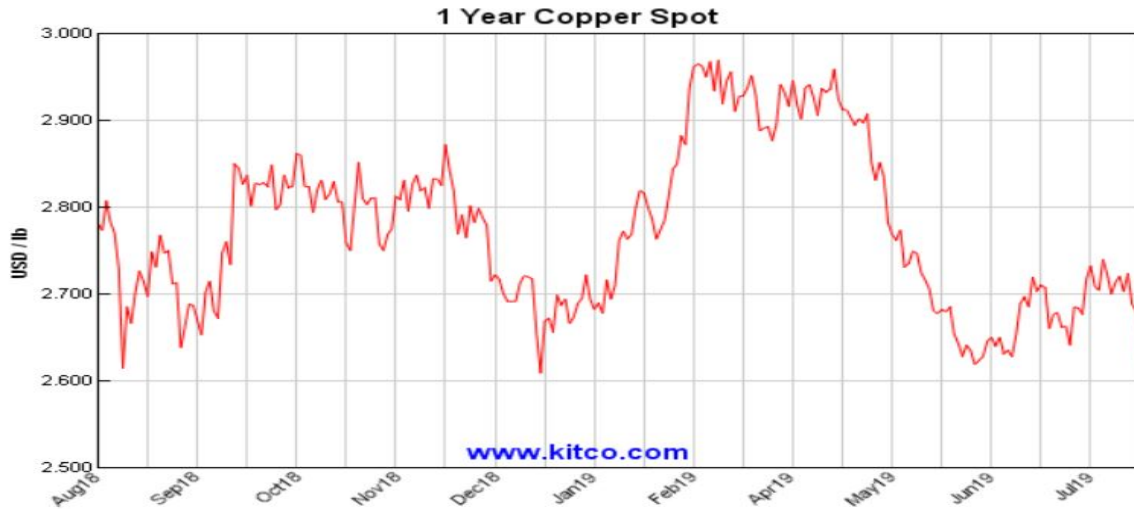
<u>Year-to-Date +</u>			
August 3, 2019	57,945	4.8	81.1
August 3, 2018	55,279	-	77.0

\*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 third quarter 2019 is approximately 30.6 million net tons vs. 30.8 million net tons for the same period last year, and 30.3 million tons for the second 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 31, 2019 – Ended August 3, 2019**

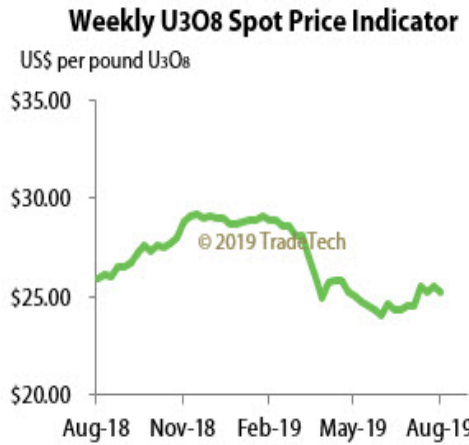
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>266,439</b>	<b>-4.9%</b>	<b>7,816,318</b>	<b>252,139</b>	<b>-3.2%</b>
Chemicals	32,921	0.0%	999,712	32,249	-0.3%
Coal	83,676	-10.3%	2,410,791	77,767	-6.2%
Farm Products excl. Grain, and Food	15,753	-5.6%	482,774	15,573	-3.8%
Forest Products	9,817	-7.0%	306,420	9,885	-3.7%
Grain	22,607	-10.1%	686,676	22,151	-4.8%
Metallic Ores and Metals	23,488	-6.8%	684,018	22,065	-4.3%
Motor Vehicles and Parts	16,548	-1.0%	498,686	16,087	-2.4%
Nonmetallic Minerals	39,081	1.7%	1,057,972	34,128	-5.2%
Petroleum and Petroleum Products	12,561	15.9%	395,691	12,764	21.2%
Other	9,987	-2.6%	293,578	9,470	-0.4%
<b>Total Intermodal Units</b>	<b>275,119</b>	<b>-5.5%</b>	<b>8,238,594</b>	<b>265,761</b>	<b>-3.7%</b>
<b>Total Traffic</b>	<b>541,558</b>	<b>-5.2%</b>	<b>16,054,912</b>	<b>517,900</b>	<b>-3.5%</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.

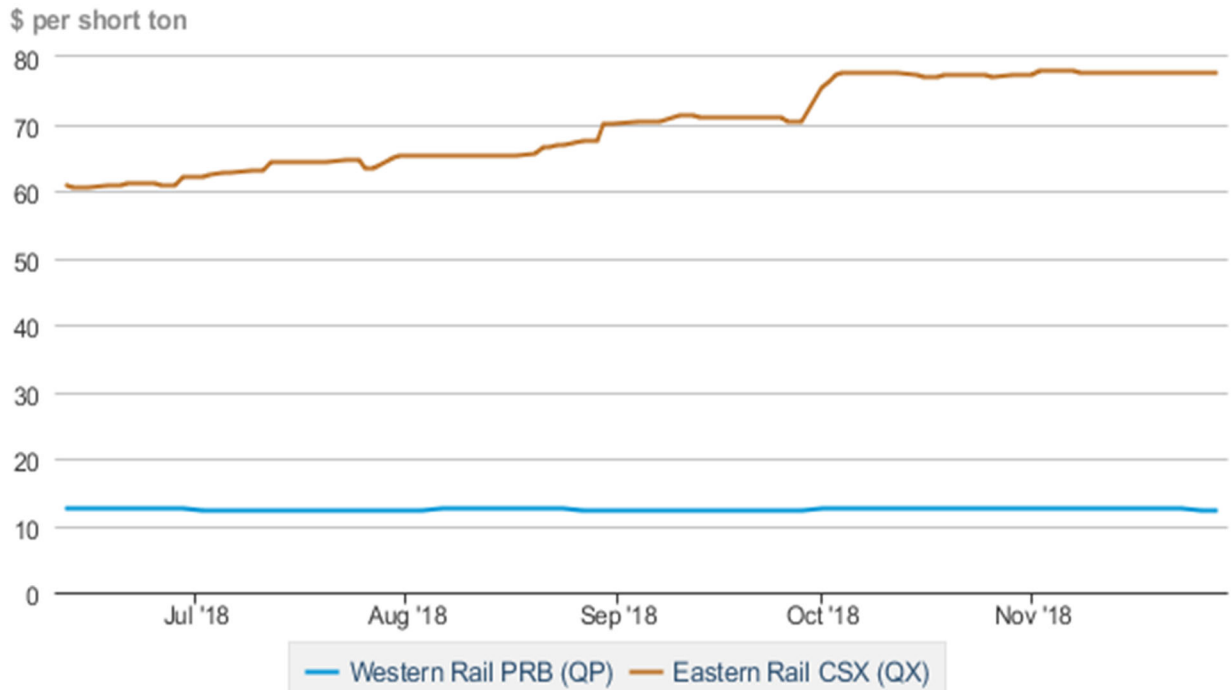
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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.

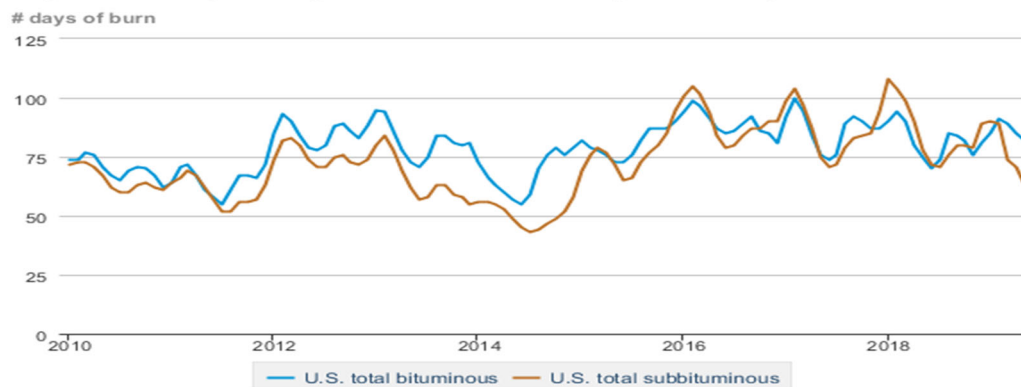
Source: Energy Information Administration **Note: EIA has discontinued reporting MYMEX coal Futures price data.**

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

	Week ending					Week ago
	07/05/19	07/12/19	07/19/19	07/26/19	08/02/19	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$61.05	\$54.55	\$65.55	\$65.55	\$65.80	\$0.25
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$52.20	\$48.30	\$48.30	\$48.30	\$49.80	\$1.50
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$39.10	\$39.10	\$39.10	\$39.10	\$39.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$12.25	\$11.95	\$12.10	\$12.10	\$12.05	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$35.75	\$35.00	\$35.00	\$35.00	\$34.85	-\$0.15

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

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



 Source: U.S. Energy Information Administration

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

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

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	1	-2	-1	65	20	17
Middle Atlantic	1	-2	0	84	25	25
E N Central	3	0	2	69	11	20
W N Central	2	-1	1	67	-5	3
South Atlantic	0	0	0	105	7	14
E S Central	1	1	1	86	-9	-3
W S Central	0	0	0	117	-9	-37
Mountain	1	-3	1	93	13	-14
Pacific	1	-3	0	62	17	-18
United States	1	-1	1	84	9	2

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

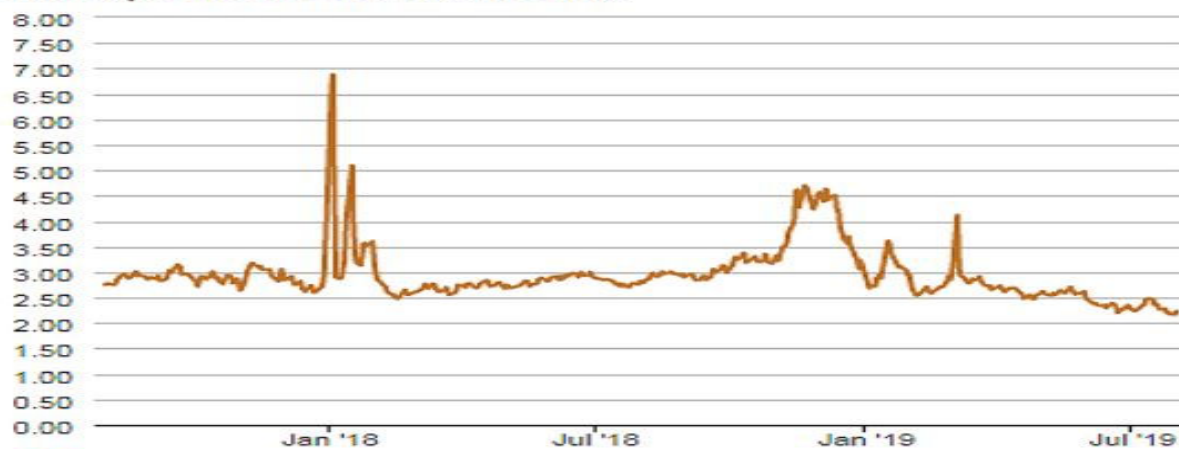
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2019 Year to Date - 1st Quarter	2018 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	209.0	209.0	0%
Cement (Mil. Mt.)	17.0	16.8	1%
Copper (000 Mt.)	299.0	287.0	4%
Gold (Mt.)	53.2	51.7	3%
Gypsum (Mil. Mt.)	4.2	3.8	11%
Iron Ore (Mil. Mt.)	10.8	11.6	-7%
Lead (000 Mt.)	W	W	N/A
Molybdenum (000 Mt.)	10.5	10.7	-2%
Phosphate rock (Mil. Mt.)	5.3	6.5	-18%
Sand & gravel, construction (Mil. Mt.)	168.0	163.0	3%
Silver (Mt.)	237.0	212.0	12%
Soda ash (Mil. Mt.)	2.9	3.0	-3%
Stone, crushed (Mil. Mt.)	281.0	250.0	12%
Zinc (000 Mt.)	166.0	174.0	-5%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2019 data are preliminary estimates. W - withheld, N/A - not available

### Natural gas spot prices (Henry Hub)

dollars per million British thermal units



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	May 2019		May 2018		% Change of Stocks	April 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,956	194	3,424	86	15.5%	3,431	156	15.3%
	Subbituminous	163	250	147	240	11.4%	163	278	0.0%
South	Bituminous	22,319	80	23,384	68	-4.6%	21,570	84	3.5%
	Subbituminous	5,071	50	6,891	63	-26.4%	4,413	52	14.9%
Midwest	Bituminous	10,056	72	11,266	77	-10.7%	9,249	77	8.7%
	Subbituminous	22,226	73	33,132	84	-32.9%	19,535	75	13.8%
West	Bituminous	3,971	79	5,209	100	-23.8%	3,480	80	14.1%
	Subbituminous	19,636	58	26,459	75	-25.8%	19,728	73	-0.5%
U.S. Total	Bituminous	40,302	82	43,282	75	-6.9%	37,731	85	6.8%
	Subbituminous	47,096	63	66,629	78	-29.3%	43,839	71	7.4%

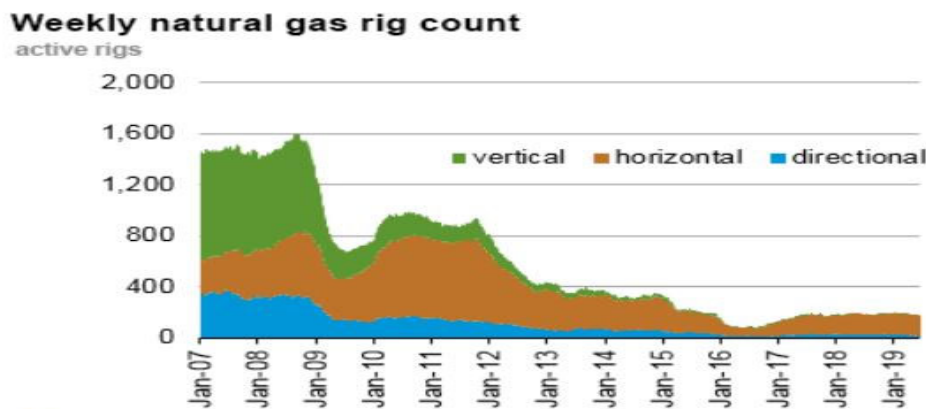
### EIA Working Natural Gas Underground Storage

Working gas in underground storage			
Region	Stocks billion cubic feet (Bcf)		
	2019-07-26	2019-07-19	change
East	597	575	22
Midwest	677	650	27
Mountain	156	151	5
Pacific	270	271	-1
South Central	934	921	13
<b>Total</b>	<b>2,634</b>	<b>2,569</b>	<b>65</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		
	July 2019	August 2019	change	July 2019	August 2019	change
Anadarko	437	443	6	2,858	2,862	4
Appalachia	142	142	-	17,836	17,831	(5)
Bakken	1,409	1,424	15	2,044	2,069	25
Eagle Ford	1,346	1,350	4	4,824	4,836	12
Haynesville	26	26	-	10,116	10,122	6
Niobrara	1,232	1,234	2	4,448	4,476	28
Permian	672	684	12	1,211	1,217	6
Rig-weighted average	705	715	10	4,064	4,054	(10)

Source: Energy Information Administration, *Drilling Productivity Report*