

# National Mining Association

## Weekly Statistical Summary

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November 22, 2019 Edition  
(Data for Week Ending November 16, 2019)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 57, No. 46  
Dated 11/22/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/16/19	11/17/18	% Chng	11/16/19	11/16/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	12,626	14,741	-14.3%	624,024	663,627	-6.0%
52 Weeks Ended	714,648	754,367	-5.3%			
AAR Coal Rail Cars Loaded:	72,611	86,159	-15.7%	3,559,592	3,873,326	-8.1%
Coal Production Month Ended - Oct	<b>October 19/18</b>		<b>% Chng</b>	<b>Jan - Oct 19/18</b>		<b>% Chng</b>
	57,143	66,532	-14.1%	594,797	629,836	-5.6%
<b>DOC Coal Trade (000 Tons)</b>						
<b>Exports:</b>	<b>September 19/18</b>			<b>Jan - Sep 19/18</b>		
			<b>% Chng</b>			<b>% Chng</b>
Metallurgical	4,794	4,085	17.4%	42,476	46,341	-8.3%
Steam Bit. *	2,891	5,383	-46.3%	29,712	40,628	-26.9%
Lignite	9	7	28.6%	69	65	6.2%
Anthracite	36	11	227.3%	232	167	38.9%
<b>Total</b>	<b>7,730</b>	<b>9,486</b>	<b>-18.5%</b>	<b>72,489</b>	<b>87,201</b>	<b>-16.9%</b>
<b>Imports:</b>	651	263	147.5%	4,974	4,352	14.3%
	<b>Week Ended</b>			<b>Cumulative Week 1 to</b>		
	<b>11/16/19</b>	<b>11/17/18</b>	<b>% Chng</b>	<b>11/16/19</b>	<b>11/17/18</b>	<b>% Chng</b>
<b>EI Electric Total Output (Mil. Kwh)</b>	76,452	77,175	-0.9%	3,594,949	3,657,100	-1.7%
<b>EI Coal Region Output (Mil. Kwh)</b>	66,503	66,788	-0.4%	3,116,612	3,166,025	-1.6%
<b>AISI Raw Steel Output (000 Tons)</b>	1,876	1,903	-1.4%	85,337	83,387	2.3%

## 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)	
	11/15/19	11/08/19	% Chng	Wed.	11/13/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$65.40	\$65.40	0.0%	Henry Hub	2.62
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	57.90	57.90	0.0%	New York	3.27
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	38.95	38.95	0.0%	Chicago	2.49
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.15	12.15	0.0%	Cal.Comp.Avg.	2.71
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	34.10	34.10	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



**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>Week Ended</b>			<b>Year to Date</b>			<b>52 Weeks Ended</b>		
<b>Coal-Producing Region &amp; State</b> (thousand short tons)	<b>11/16/2019</b> (week 46)	<b>11/9/2019</b> (week 45)	<b>11/17/2018</b> (week 46)	<b>11/16/2019</b>	<b>11/16/2018</b>	<b>% Change</b>	<b>11/16/2019</b>	<b>11/17/2018</b>	<b>% Change</b>
Alabama	259	271	280	13,229	13,024	1.6	14,951	14,484	3.2
Alaska	19	20	22	844	762	10.7	980	885	10.7
Arizona	105	110	123	5,587	5,777	-3.3	6,345	6,616	-4.1
Colorado	220	223	256	11,137	12,421	-10.3	12,708	14,170	-10.3
Illinois	846	889	943	42,844	43,564	-1.7	48,639	48,935	-0.6
Indiana	631	643	694	30,154	30,240	-0.3	34,422	33,842	1.7
<b>Kentucky Total</b>	<b>668</b>	<b>676</b>	<b>752</b>	<b>33,187</b>	<b>35,020</b>	<b>-5.2</b>	<b>37,809</b>	<b>39,686</b>	<b>-4.7</b>
Eastern (KY)	250	259	314	13,032	15,107	-13.7	14,965	17,283	-13.4
Western (KY)	418	418	437	20,154	19,913	1.2	22,844	22,403	2.0
Louisiana	17	19	22	1,153	1,343	-14.1	1,291	1,570	-17.8
Maryland	25	24	27	1,184	1,129	4.8	1,349	1,318	2.4
Mississippi	46	49	51	2,533	2,619	-3.3	2,847	2,892	-1.6
Missouri	4	4	5	183	228	-19.7	213	256	-16.8
Montana	574	644	834	28,710	33,377	-14.0	33,835	37,946	-10.8
New Mexico	315	321	305	13,440	8,880	51.3	15,312	10,187	50.3
North Dakota	470	494	558	23,408	26,138	-10.4	26,840	29,649	-9.5
Ohio	152	164	188	7,490	7,814	-4.1	8,645	8,956	-3.5
Oklahoma	6	7	7	326	671	-51.5	370	739	-49.9
<b>Pennsylvania Total</b>	<b>861</b>	<b>877</b>	<b>969</b>	<b>43,867</b>	<b>43,888</b>	<b>s</b>	<b>49,822</b>	<b>49,591</b>	<b>0.5</b>
Anthracite (PA)	39	40	39	1,962	1,650	18.9	2,203	1,878	17.3
Bituminous (PA)	823	837	929	41,905	42,238	-0.8	47,619	47,713	-0.2
Tennessee	5	5	4	263	205	28.1	289	238	21.4
Texas	357	357	430	18,865	22,121	-14.7	21,511	26,702	-19.4
Utah	271	264	262	13,097	11,972	9.4	14,710	13,896	5.9
Virginia	215	222	249	10,786	11,450	-5.8	12,316	12,950	-4.9
<b>West Virginia Total</b>	<b>1,586</b>	<b>1,634</b>	<b>1,787</b>	<b>82,509</b>	<b>84,292</b>	<b>-2.1</b>	<b>93,495</b>	<b>95,643</b>	<b>-2.2</b>
Northern (WV)	838	846	910	41,766	40,402	3.4	47,361	46,188	2.5
Southern (WV)	748	787	877	40,743	43,890	-7.2	46,134	49,455	-6.7
Wyoming	4,975	5,151	5,973	239,229	266,691	-10.3	275,949	303,217	-9.0
<b>Appalachian Total</b>	<b>3,353</b>	<b>3,455</b>	<b>3,818</b>	<b>172,361</b>	<b>176,910</b>	<b>-2.6</b>	<b>195,832</b>	<b>200,463</b>	<b>-2.3</b>
<b>Interior Total</b>	<b>2,324</b>	<b>2,386</b>	<b>2,590</b>	<b>116,213</b>	<b>120,699</b>	<b>-3.7</b>	<b>132,137</b>	<b>137,339</b>	<b>-3.8</b>
<b>Western Total</b>	<b>6,950</b>	<b>7,226</b>	<b>8,333</b>	<b>335,451</b>	<b>366,018</b>	<b>-8.4</b>	<b>386,679</b>	<b>416,566</b>	<b>-7.2</b>
<b>East of Mississippi River</b>	<b>5,293</b>	<b>5,453</b>	<b>5,943</b>	<b>268,046</b>	<b>273,245</b>	<b>-1.9</b>	<b>304,584</b>	<b>308,535</b>	<b>-1.3</b>
<b>West of Mississippi River</b>	<b>7,333</b>	<b>7,614</b>	<b>8,798</b>	<b>355,978</b>	<b>390,382</b>	<b>-8.8</b>	<b>410,064</b>	<b>445,832</b>	<b>-8.0</b>
Bituminous and Lignite	12,588	13,027	14,702	622,062	661,977	-6.0	712,445	752,489	-5.3
Anthracite	39	40	39	1,962	1,650	18.9	2,203	1,878	17.3
<b>U.S. Total</b>	<b>12,626</b>	<b>13,067</b>	<b>14,741</b>	<b>624,024</b>	<b>663,627</b>	<b>-6.0</b>	<b>714,648</b>	<b>754,367</b>	<b>-5.3</b>
Railroad Cars Loaded	72,611	75,180	86,159	3,559,592	3,873,326	-8.1	4,091,612	4,395,230	-6.9

Source: Energy Information Administration



# Weekly Electric Output

Volume 87 No. 46

**OUTPUT FOR WEEK ENDED - Nov 16, 2019**

**Nov 20, 2019**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Nov 16, 2019** was **76,452** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **195** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**

(48 CONTIGUOUS STATES)

	Week Ended November 16		52 Weeks Ended November 16	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,268	-1.1	117,252	-4.4
Mid-Atlantic	8,119	-1.0	429,126	-2.6
Central Industrial	12,918	-1.5	663,224	-3.2
West Central	6,459	0.4	330,623	-2.0
Southeast	19,522	-2.3	1,034,496	-1.7
South Central	14,256	2.5	769,366	1.0
Rocky Mountain	5,229	1.2	282,664	0.8
Pacific Northwest	2,951	-6.9	157,190	0.3
Pacific Southwest	4,730	-3.9	267,633	-3.7
<b>Total United States</b>	<b>76,452</b>	<b>-0.9</b>	<b>4,051,574</b>	<b>-1.6</b>

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

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Oct 26	68,164	Oct 27	68,635	-0.7	Oct 26	4,049,821	-1.6
Nov 02	70,773	Nov 03	68,752	2.9	Nov 02	4,051,842	-1.5
Nov 09	72,007	Nov 10	71,553	0.6	Nov 09	4,052,296	-1.4
Nov 16	76,452	Nov 17	77,175	-0.9	Nov 16	4,051,574	-1.6
<b>Nov 16</b>	<b>3,594,949</b>	<b>Nov 17</b>	<b>3,657,100</b>	<b>-1.7</b>	<b>YEAR TO DATE, FIRST 46 WEEKS</b>		

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

**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2019	Week Ended	2018	Week Ended	2017
Oct 26	173	Oct 27	173	Oct 28	179
Nov 02	180	Nov 03	173	Nov 04	184
Nov 09	188	Nov 10	180	Nov 11	193
Nov 16	195	Nov 17	191	Nov 18	190

\* 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		
	16-Nov 2019 GWh Output	17-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018	16-Nov 2019 GWh Output	17-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018	16-Nov 2019 GWh Output	17-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	2,268	2,294	-1.1%	<b>103,113</b>	<b>108,071</b>	<b>-4.6%</b>	117,252	122,630	-4.4%
<b>Mid-Atlantic</b>	8,119	8,201	-1.0%	<b>379,139</b>	<b>390,409</b>	<b>-2.9%</b>	429,126	440,535	-2.6%
<b>Central Industrial</b>	12,918	13,110	-1.5%	<b>585,809</b>	<b>607,164</b>	<b>-3.5%</b>	663,224	685,479	-3.2%
<b>West Central</b>	6,459	6,432	0.4%	<b>292,515</b>	<b>299,789</b>	<b>-2.4%</b>	330,623	337,485	-2.0%
<b>Southeast</b>	19,522	19,979	-2.3%	<b>918,341</b>	<b>935,748</b>	<b>-1.9%</b>	1,034,496	1,052,333	-1.7%
<b>South Central</b>	14,256	13,901	2.6%	<b>690,088</b>	<b>683,663</b>	<b>0.9%</b>	769,366	762,097	1.0%
<b>Rocky Mountain</b>	5,229	5,165	1.2%	<b>250,720</b>	<b>249,252</b>	<b>0.6%</b>	282,664	280,537	0.8%
<b>Pacific Northwest</b>	2,951	3,171	-6.9%	<b>136,716</b>	<b>135,471</b>	<b>0.9%</b>	157,190	156,769	0.3%
<b>Pacific Southwest</b>	4,730	4,922	-3.9%	<b>238,512</b>	<b>247,532</b>	<b>-3.6%</b>	267,633	278,055	-3.7%
<b>Total United States</b> <sup>1/</sup>	<u>76,452</u>	<u>77,175</u>	-0.9%	<u><b>3,594,953</b></u>	<u><b>3,657,099</b></u>	<b>-1.7%</b>	4,051,574	4,115,920	-1.6%
<b>Coal Regions Only</b> <sup>2/</sup>	66,503	66,788	-0.4%	<b>3,116,612</b>	<b>3,166,025</b>	<b>-1.6%</b>	3,509,499	3,558,466	-1.4%

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  
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November 18, 2019

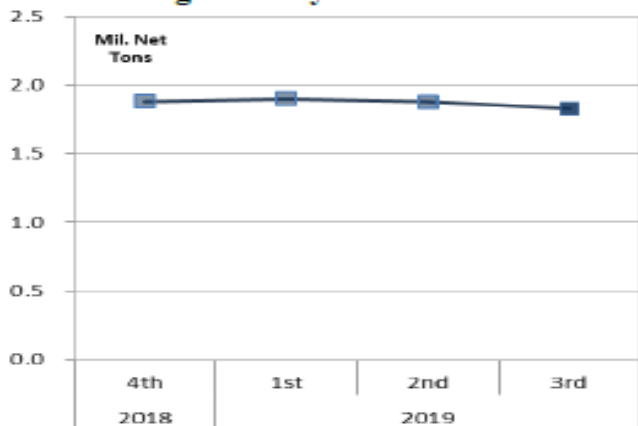
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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>Nov 16</u>	<u>Nov 9</u>	
<b><u>Week Ending</u></b>				North East	206	209
				Great Lakes	650	670
November 16, 2019	1,876	0.8	81.1	Midwest	180	178
November 16, 2018	1,903	-1.4	81.2	Southern	763	729
November 9, 2019	1,862	-1.4	80.5	Western	77	76
				<b>Total</b>	<b>1,876</b>	<b>1,862</b>
<b><u>Year-to-Date +</u></b>						
November 16, 2019	85,337	2.3	80.3			
November 16, 2018	83,387	-	78.1			

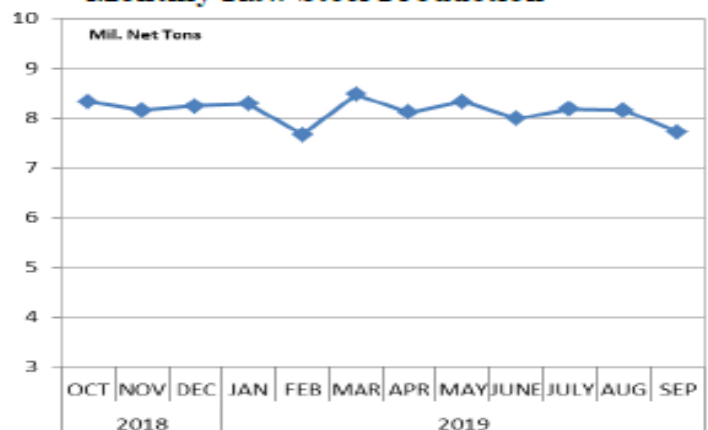
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2019 is approximately 30.4 million net tons vs. 30.8 million net tons for the same period last year, and 30.6 million tons for the third quarter of 2019.

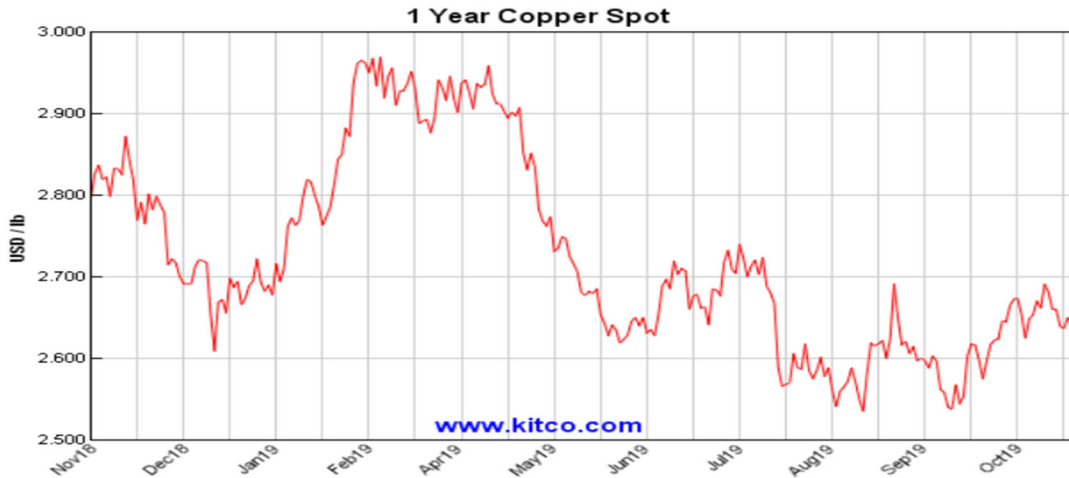
**Average Weekly Raw Steel Production**



**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 45, 2019 – Ended November 9, 2019

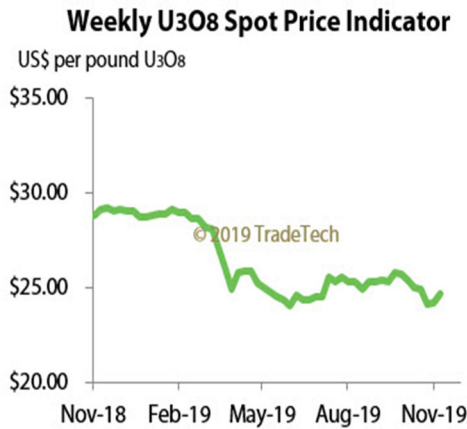
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>248,905</b>	<b>-5.1%</b>	<b>11,337,628</b>	<b>251,947</b>	<b>-4.3%</b>
Chemicals	30,826	-2.0%	1,446,108	32,136	-0.2%
Coal	75,180	-11.3%	3,506,635	77,925	-7.9%
Farm Products excl. Grain, and Food	15,814	-3.4%	701,557	15,590	-4.1%
Forest Products	9,764	-3.2%	443,298	9,851	-4.4%
Grain	21,855	1.6%	969,927	21,554	-5.8%
Metallic Ores and Metals	22,385	-2.9%	983,351	21,852	-6.4%
Motor Vehicles and Parts	16,761	-0.5%	724,612	16,102	-3.0%
Nonmetallic Minerals	32,759	-0.8%	1,560,279	34,673	-4.4%
Petroleum and Petroleum Products	12,617	-5.5%	569,414	12,654	14.2%
Other	10,944	-7.2%	432,447	9,610	-1.7%
<b>Total Intermodal Units</b>	<b>266,364</b>	<b>-6.7%</b>	<b>11,988,234</b>	<b>266,405</b>	<b>-4.6%</b>
<b>Total Traffic</b>	<b>515,269</b>	<b>-5.9%</b>	<b>23,325,862</b>	<b>518,352</b>	<b>-4.4%</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.

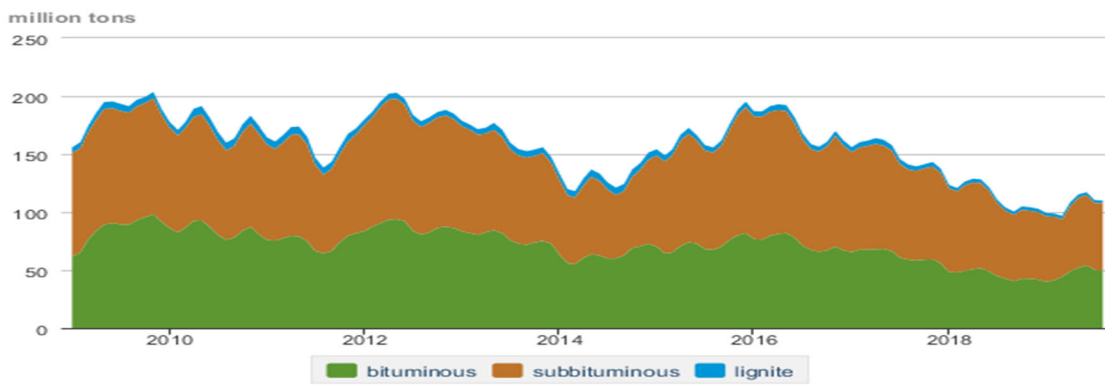
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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>

### Coal stocks by type, January 2009 - August 2019

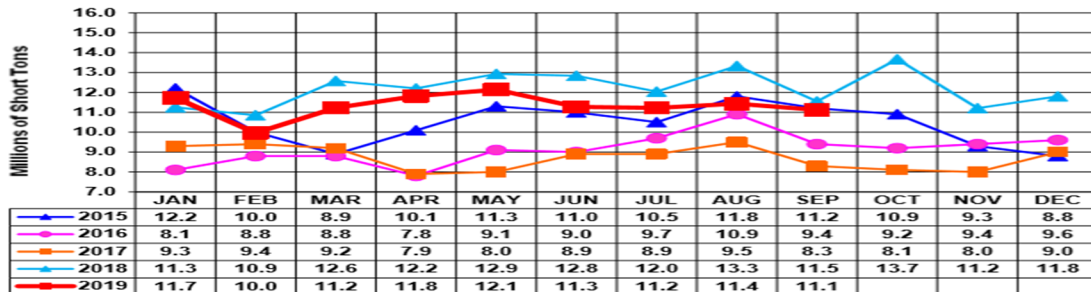


Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

Source: Energy Information Administration, Electric Monthly Update

### Coal and Coke Monthly Indicator for Internal U.S. Waterways



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

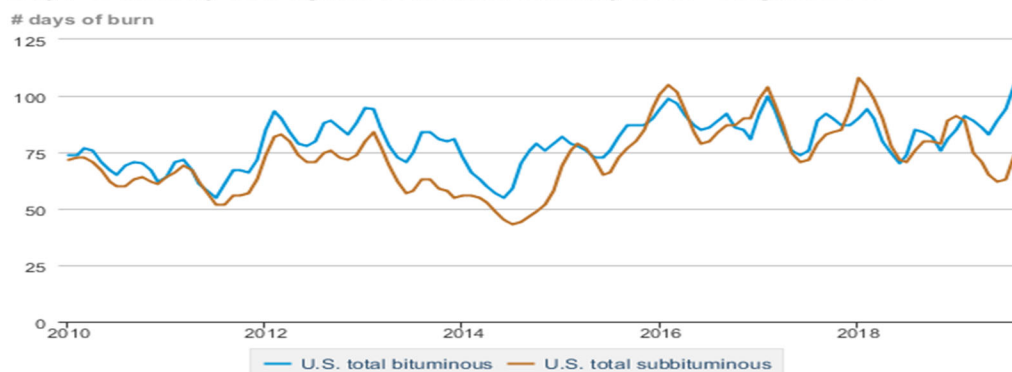
Source: Waterborne Commerce Statistics Center

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

	Week ending					Week ago
	10/18/19	10/25/19	11/01/19	11/08/19	11/15/19	change
Central Appalachia <i>12,500 Btu, 1.2 SO<sub>2</sub></i>	\$65.40	\$65.40	\$65.40	\$65.40	\$65.40	\$0.00
Northern Appalachia <i>13,000 Btu, &lt; 3.0 SO<sub>2</sub></i>	\$57.90	\$57.90	\$57.90	\$57.90	\$57.90	\$0.00
Illinois Basin <i>11,800 Btu, 5.0 SO<sub>2</sub></i>	\$38.95	\$38.95	\$38.95	\$38.95	\$38.95	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO<sub>2</sub></i>	\$12.15	\$12.15	\$12.15	\$12.15	\$12.15	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO<sub>2</sub></i>	\$34.10	\$34.10	\$34.10	\$34.10	\$34.10	\$0.00

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

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



 Source: U.S. Energy Information Administration

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

**Temperature – heating & cooling degree days (week ending Nov 07)**

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	143	4	43	0	0	0
Middle Atlantic	145	15	53	0	0	0
E N Central	187	42	47	0	0	0
W N Central	204	48	40	0	0	0
South Atlantic	100	18	43	23	7	2
E S Central	118	35	53	0	-2	-2
W S Central	68	20	30	10	-2	-8
Mountain	145	4	14	5	2	2
Pacific	41	-24	18	0	-2	-4
United States	129	18	38	6	1	-1

Note: HDD = heating degree day; CDD = cooling degree day  
Source: National Oceanic and Atmospheric Administration

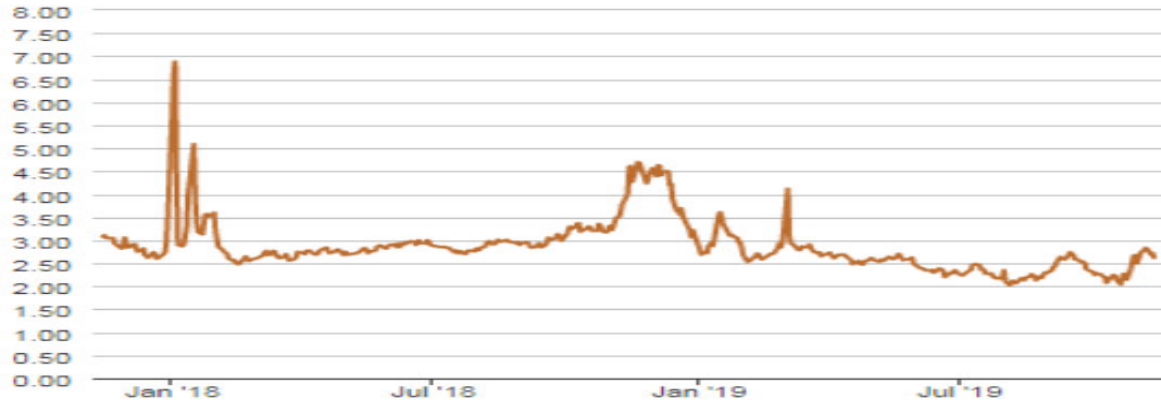
Source: Energy Information Administration, *Natural Gas Weekly Update*.


USGS Production of Selected Mineral Commodities	2019 Year to Date - 2nd Quarter	2018 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	419.0	417.0	0%
Cement (Mil. Mt.)	40.3	40.5	0%
Copper (000 Mt.)	604.0	599.0	1%
Gold (Mt.)	104.0	110.0	-5%
Gypsum (Mil. Mt.)	8.7	8.4	4%
Iron Ore (Mil. Mt.)	23.3	24.0	-3%
Lead (000 Mt.)	136.0	129.0	5%
Molybdenum (000 Mt.)	22.0	20.8	6%
Phosphate rock (Mil. Mt.)	11.4	13.6	-16%
Sand & gravel, construction (Mil. Mt.)	441.0	432.0	2%
Silver (Mt.)	519.0	446.0	16%
Soda ash (Mil. Mt.)	5.8	5.8	0%
Stone, crushed (Mil. Mt.)	687.0	639.0	8%
Zinc (000 Mt.)	374.0	384.0	-3%

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: 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	August 2019		August 2018		% Change of Stocks	July 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,831	189	2,706	84	41.6%	3,762	181	1.8%
	Subbituminous	162	181	168	168	-4.0%	163	206	-1.1%
South	Bituminous	22,765	112	18,970	83	20.0%	22,398	95	1.6%
	Subbituminous	4,455	54	4,739	54	-6.0%	4,194	42	6.2%
Midwest	Bituminous	10,180	87	9,657	82	5.4%	10,054	79	1.3%
	Subbituminous	21,385	87	27,153	86	-21.2%	21,373	76	0.1%
West	Bituminous	3,888	84	4,794	100	-18.9%	3,875	79	0.3%
	Subbituminous	20,266	68	20,746	70	-2.3%	20,283	59	-0.1%
U.S. Total	Bituminous	40,664	105	36,127	85	12.6%	40,089	94	1.4%
	Subbituminous	46,268	74	52,807	76	-12.4%	46,014	63	0.6%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

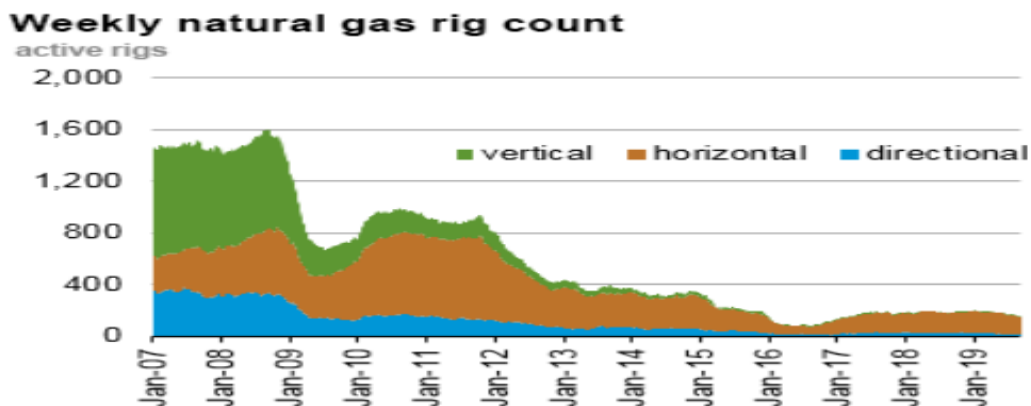
### EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2019-11-08	2019-11-01	change
East	932	932	0
Midwest	1,106	1,109	-3
Mountain	207	207	0
Pacific	290	292	-2
South Central	1,197	1,189	8
Total	3,732	3,729	3

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

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

### EIA Natural Gas Rig Count



eia 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		
	November 2019	December 2019	change	November 2019	December 2019	change
Anadarko	587	606	19	4,041	4,140	99
Appalachia	159	162	3	18,389	18,431	42
Bakken	1,522	1,542	20	2,297	2,353	56
Eagle Ford	1,420	1,434	14	4,915	4,924	9
Haynesville	27	27	-	10,281	10,323	42
Niobrara	1,247	1,255	8	4,215	4,229	14
Permian	793	793	-	1,518	1,518	-
Rig-weighted average	814	824	10	4,256	4,156	(100)

Source: Energy Information Administration