

# National Mining Association

## Weekly Statistical Summary

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November 15, 2019 Edition  
(Data for Week Ending November 9, 2019)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 57, No. 45  
Dated 11/15/19

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/09/19	11/10/18	% Chng	11/09/19	11/09/18	% Chng
<b>EIA Coal Production (000 Tons):</b>						
Week Ended/Year to Date	13,067	14,463	-9.7%	611,398	648,922	-5.8%
52 Weeks Ended	716,763	754,671	-5.0%			
AAR Coal Rail Cars Loaded:	75,180	84,532	-11.1%	3,486,981	3,787,374	-7.9%
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>11/09/19</b>	<b>11/10/18</b>	<b>% Chng</b>	<b>11/09/19</b>	<b>11/10/18</b>	<b>% Chng</b>
<b>EI Electric Total Output (Mil. Kwh)</b>	72,007	71,553	0.6%	3,518,497	3,579,925	-1.7%
<b>EI Coal Region Output (Mil. Kwh)</b>	62,037	61,573	0.8%	3,050,109	3,099,237	-1.6%
<b>AISI Raw Steel Output (000 Tons)</b>	1,862	1,903	-2.2%	83,461	81,484	2.4%

## 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)	
	11/08/19	11/01/19	% Chng	Wed.	11/06/19
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$65.40	\$65.40	0.0%	Henry Hub	2.78
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	57.90	57.90	0.0%	New York	2.70
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	38.95	38.95	0.0%	Chicago	2.98
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	12.15	12.15	0.0%	Cal.Comp.Avg.	3.04
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)

EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	11/9/2019 (week 45)	11/2/2019 (week 44)	11/10/2018 (week 45)	11/9/2019	11/9/2018	% Change	11/9/2019	11/10/2018	% Change
Alabama	271	271	275	12,970	12,745	1.8	14,973	14,445	3.7
Alaska	20	20	22	824	740	11.5	984	884	11.3
Arizona	110	106	121	5,482	5,654	-3.0	6,362	6,633	-4.1
Colorado	223	213	251	10,917	12,166	-10.3	12,744	14,205	-10.3
Illinois	889	890	925	41,998	42,624	-1.5	48,736	48,881	-0.3
Indiana	643	625	681	29,523	29,547	-0.1	34,485	33,743	2.2
<b>Kentucky Total</b>	<b>676</b>	<b>652</b>	<b>738</b>	<b>32,519</b>	<b>34,270</b>	<b>-5.1</b>	<b>37,894</b>	<b>39,708</b>	<b>-4.6</b>
Eastern (KY)	259	250	309	12,782	14,793	-13.6	15,030	17,330	-13.3
Western (KY)	418	402	429	19,737	19,476	1.3	22,864	22,378	2.2
Louisiana	19	18	22	1,136	1,321	-14.0	1,296	1,586	-18.3
Maryland	24	24	26	1,160	1,103	5.2	1,352	1,322	2.3
Mississippi	49	47	50	2,487	2,568	-3.1	2,853	2,886	-1.1
Missouri	4	4	5	179	223	-19.5	215	255	-15.7
Montana	644	650	818	28,136	32,545	-13.5	34,094	37,868	-10.0
New Mexico	321	318	299	13,125	8,577	53.0	15,301	10,097	51.5
North Dakota	494	483	548	22,937	25,581	-10.3	26,928	29,673	-9.3
Ohio	164	162	184	7,338	7,627	-3.8	8,680	8,958	-3.1
Oklahoma	7	6	7	320	664	-51.8	372	743	-49.9
<b>Pennsylvania Total</b>	<b>877</b>	<b>854</b>	<b>950</b>	<b>43,006</b>	<b>42,922</b>	<b>0.2</b>	<b>49,929</b>	<b>49,567</b>	<b>0.7</b>
Anthracite (PA)	40	40	38	1,924	1,611	19.4	2,204	1,877	17.4
Bituminous (PA)	837	814	912	41,083	41,311	-0.6	47,725	47,690	0.1
Tennessee	5	5	4	258	201	28.3	288	239	20.5
Texas	357	336	422	18,508	21,692	-14.7	21,584	27,038	-20.2
Utah	264	250	257	12,826	11,710	9.5	14,701	13,954	5.4
Virginia	222	215	244	10,570	11,201	-5.6	12,349	12,950	-4.6
<b>West Virginia Total</b>	<b>1,634</b>	<b>1,595</b>	<b>1,753</b>	<b>80,923</b>	<b>82,509</b>	<b>-1.9</b>	<b>93,696</b>	<b>95,739</b>	<b>-2.1</b>
Northern (WV)	846	818	893	40,929	39,494	3.6	47,433	46,238	2.6
Southern (WV)	787	777	860	39,995	43,015	-7.0	46,263	49,501	-6.5
Wyoming	5,151	4,875	5,860	234,254	260,733	-10.2	276,947	303,299	-8.7
<b>Appalachian Total</b>	<b>3,455</b>	<b>3,375</b>	<b>3,746</b>	<b>169,008</b>	<b>173,101</b>	<b>-2.4</b>	<b>196,297</b>	<b>200,550</b>	<b>-2.1</b>
<b>Interior Total</b>	<b>2,386</b>	<b>2,328</b>	<b>2,541</b>	<b>113,889</b>	<b>118,115</b>	<b>-3.6</b>	<b>132,404</b>	<b>137,510</b>	<b>-3.7</b>
<b>Western Total</b>	<b>7,226</b>	<b>6,916</b>	<b>8,175</b>	<b>328,501</b>	<b>357,706</b>	<b>-8.2</b>	<b>388,062</b>	<b>416,611</b>	<b>-6.9</b>
<b>East of Mississippi River</b>	<b>5,453</b>	<b>5,339</b>	<b>5,831</b>	<b>262,753</b>	<b>267,317</b>	<b>-1.7</b>	<b>305,235</b>	<b>308,438</b>	<b>-1.0</b>
<b>West of Mississippi River</b>	<b>7,614</b>	<b>7,280</b>	<b>8,631</b>	<b>348,645</b>	<b>381,606</b>	<b>-8.6</b>	<b>411,528</b>	<b>446,233</b>	<b>-7.8</b>
Bituminous and Lignite	13,027	12,579	14,424	609,474	647,311	-5.8	714,559	752,794	-5.1
Anthracite	40	40	38	1,924	1,611	19.4	2,204	1,877	17.4
<b>U.S. Total</b>	<b>13,067</b>	<b>12,619</b>	<b>14,463</b>	<b>611,398</b>	<b>648,922</b>	<b>-5.8</b>	<b>716,763</b>	<b>754,671</b>	<b>-5.0</b>
Railroad Cars Loaded	75,180	72,645	84,532	3,486,981	3,787,374	-7.9	4,105,160	4,395,256	-6.6

Source: Energy Information Administration



# Weekly Electric Output

Volume 87 No. 45

**OUTPUT FOR WEEK ENDED - Nov 09, 2019**

**Nov 13, 2019**

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Nov 09, 2019** was **72,007** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **188** on the weekly electric output index.

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

	Week Ended November 09		52 Weeks Ended November 09	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,113	-0.2	117,278	-4.4
Mid-Atlantic	7,612	0.6	429,208	-2.5
Central Industrial	11,906	-0.5	663,417	-3.1
West Central	6,159	0.3	330,595	-1.9
Southeast	18,156	0.9	1,034,953	-1.5
South Central	12,745	0.2	769,012	1.1
Rocky Mountain	5,459	5.1	282,600	0.8
Pacific Northwest	2,980	1.0	157,409	0.5
Pacific Southwest	4,877	-0.7	267,825	-3.7
<b>Total United States</b>	<b>72,007</b>	<b>0.6</b>	<b>4,052,297</b>	<b>-1.4</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 19	67,907	Oct 20	69,464	-2.2	Oct 19	4,050,292	-1.5
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
<b>Nov 09</b>	<b>3,518,497</b>	<b>Nov 10</b>	<b>3,579,925</b>	<b>-1.7</b>	<b>YEAR TO DATE, FIRST 45 WEEKS</b>		

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

Week Ended	2019	Week Ended	2018	Week Ended	2017
Oct 19	170	Oct 20	172	Oct 21	179
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

\* 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		
	9-Nov 2019 GWh Output	10-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018	9-Nov 2019 GWh Output	10-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018	9-Nov 2019 GWh Output	10-Nov 2018 GWh Output	% Increase Over Corresponding Week of 2018
<b>New England</b>	2,113	2,117	-0.2%	<b>100,845</b>	<b>105,777</b>	<b>-4.7%</b>	117,278	122,631	-4.4%
<b>Mid-Atlantic</b>	7,612	7,569	0.6%	<b>371,020</b>	<b>382,208</b>	<b>-2.9%</b>	429,208	440,304	-2.5%
<b>Central Industrial</b>	11,906	11,961	-0.5%	<b>572,891</b>	<b>594,054</b>	<b>-3.6%</b>	663,417	684,901	-3.1%
<b>West Central</b>	6,159	6,138	0.3%	<b>286,056</b>	<b>293,357</b>	<b>-2.5%</b>	330,595	337,116	-1.9%
<b>Southeast</b>	18,156	17,999	0.9%	<b>898,819</b>	<b>915,769</b>	<b>-1.9%</b>	1,034,953	1,050,742	-1.5%
<b>South Central</b>	12,745	12,714	0.2%	<b>675,832</b>	<b>669,762</b>	<b>0.9%</b>	769,012	760,565	1.1%
<b>Rocky Mountain</b>	5,459	5,192	5.1%	<b>245,491</b>	<b>244,087</b>	<b>0.6%</b>	282,600	280,330	0.8%
<b>Pacific Northwest</b>	2,980	2,951	1.0%	<b>133,765</b>	<b>132,300</b>	<b>1.1%</b>	157,409	156,700	0.5%
<b>Pacific Southwest</b>	4,877	4,912	-0.7%	<b>233,782</b>	<b>242,610</b>	<b>-3.6%</b>	267,825	278,133	-3.7%
<b>Total United States</b> <sup>1/</sup>	<u>72,007</u>	<u>71,553</u>	0.6%	<u><b>3,518,501</b></u>	<u><b>3,579,924</b></u>	<b>-1.7%</b>	4,052,297	4,111,422	-1.4%
<b>Coal Regions Only</b> <sup>2/</sup>	62,037	61,573	0.8%	<b>3,050,109</b>	<b>3,099,237</b>	<b>-1.6%</b>	3,509,785	3,553,958	-1.2%

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 11, 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>Nov 9</u>	<u>Nov 2</u>	
November 9, 2019	1,862	-1.4	80.5	North East	209	190
November 9, 2018	1,903	-2.2	81.2	Great Lakes	670	676
November 2, 2019	1,888	1.2	81.6	Midwest	178	181
				Southern	729	767
				Western	76	74
				<b>Total</b>	<b>1,862</b>	<b>1,888</b>

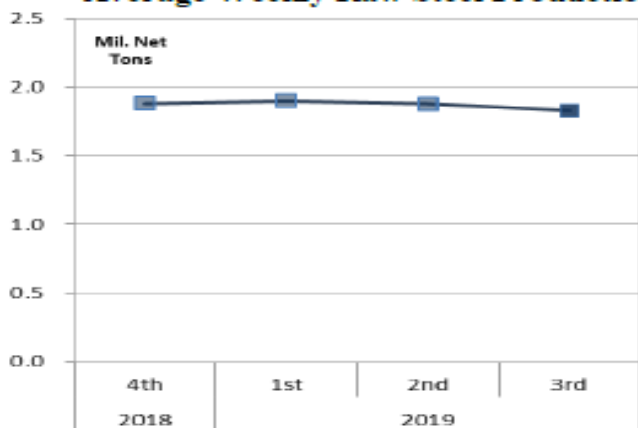
  

<u>Year-to-Date +</u>					
November 9, 2019	83,461	2.5	80.3		
November 9, 2018	81,484	-	78.1		

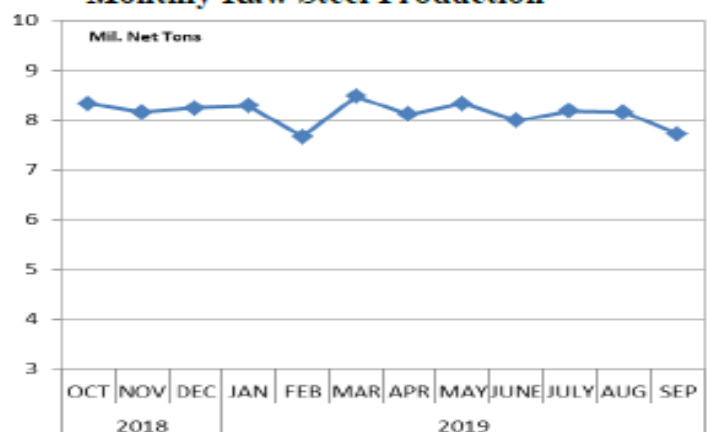
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

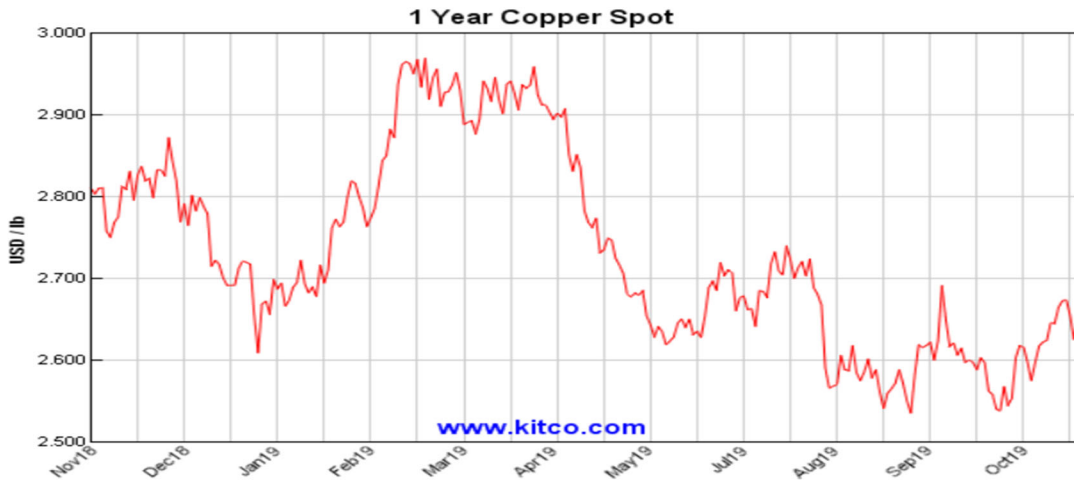
**Average Weekly Raw Steel Production**



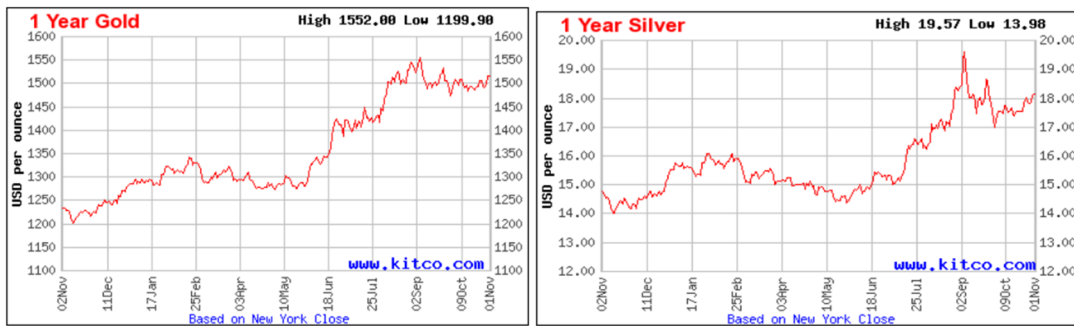
**Monthly Raw Steel Production**



\*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**

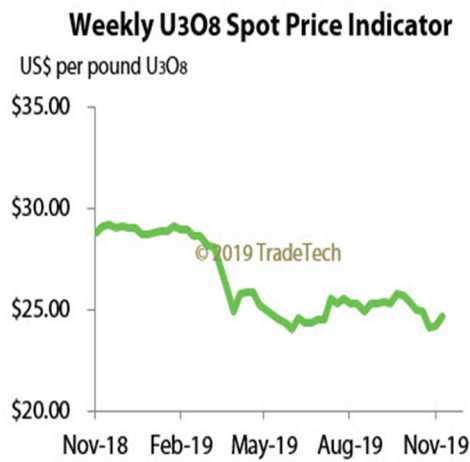
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk <sup>2</sup>	vs 2018
<b>Total Carloads</b>	<b>248,905</b>	<b>-5.1%</b>	<b>11,337,628</b>	<b>251,947</b>	<b>-4.3%</b>
Chemicals	30,826	-2.0%	1,446,108	32,136	-0.2%
Coal	75,180	-11.3%	3,506,635	77,925	-7.9%
Farm Products excl. Grain, and Food	15,814	-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.

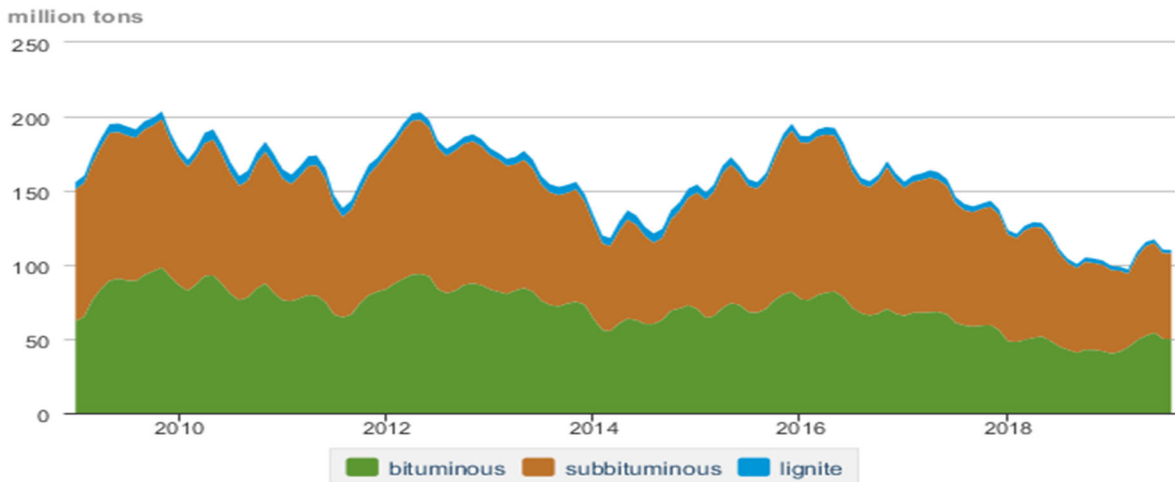
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### 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



eia Source: U.S. Energy Information Administration

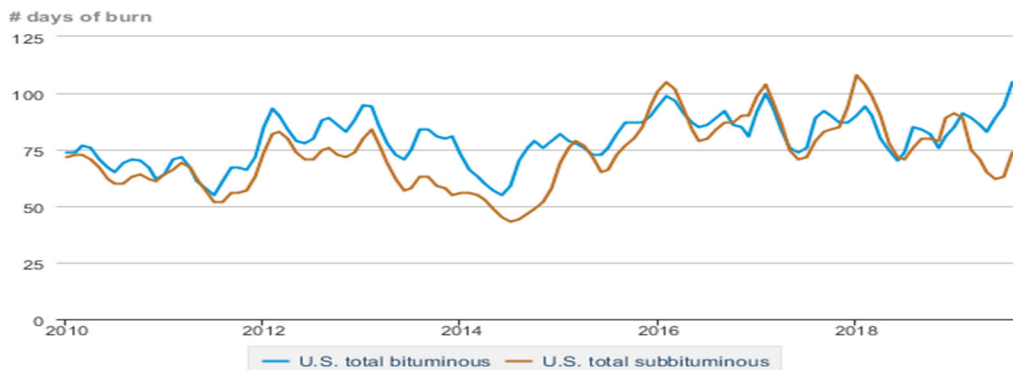
Source: Energy Information Administration

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

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

Region	Temperature – heating & cooling degree days (week ending Oct 31)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	83	-43	-73	0	0	0
Middle Atlantic	63	-53	-74	0	0	0
E N Central	135	7	4	0	-1	0
W N Central	196	64	85	0	-1	0
South Atlantic	26	-44	-57	42	24	27
E S Central	46	-24	-19	4	1	2
W S Central	77	41	55	4	-13	-21
Mountain	192	70	104	3	-2	-6
Pacific	60	7	38	7	4	2
United States	98	2	8	10	4	3

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

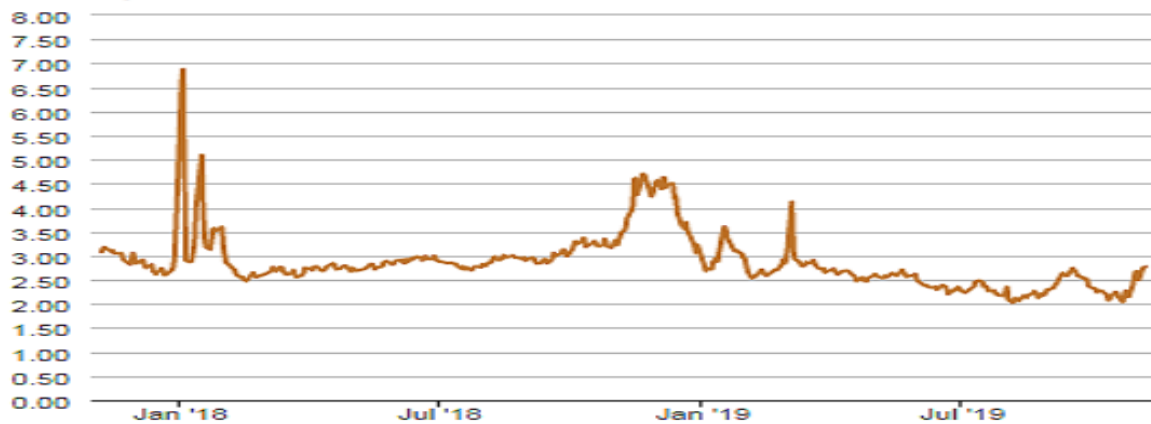
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	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			July 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	3,831	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

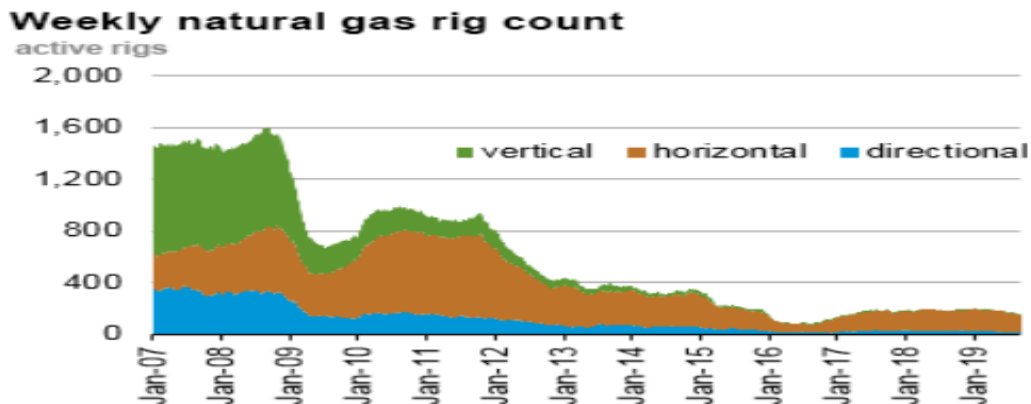
**Working gas in underground storage**

Region	Stocks billion cubic feet (Bcf)		
	2019-11-01	2019-10-25	change
East	932	913	19
Midwest	1,109	1,095	14
Mountain	207	211	-4
Pacific	292	298	-6
South Central	1,189	1,178	11
<b>Total</b>	<b>3,729</b>	<b>3,695</b>	<b>34</b>

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		
	October 2019	November 2019	change	October 2019	November 2019	change
Anadarko	483	492	9	3,025	3,051	26
Appalachia	150	152	2	18,440	18,493	53
Bakken	1,491	1,519	28	2,218	2,277	59
Eagle Ford	1,375	1,383	8	4,904	4,917	13
Haynesville	26	26	-	10,155	10,178	23
Niobrara	1,234	1,239	5	4,186	4,192	6
Permian	783	794	11	1,450	1,465	15
Rig-weighted average	784	802	18	4,140	4,144	4

Source: Energy Information Administration