

National Mining Association

Weekly Statistical Summary

November 1, 2019 Edition
(Data for Week Ending October 26, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 43
Dated 11/01/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/26/19	10/27/18	% Chng	10/26/19	10/27/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,701	15,052	-15.6%	585,711	619,259	-5.4%
52 Weeks Ended	720,663	755,147	-4.6%			
AAR Coal Rail Cars Loaded:	73,184	87,975	-16.8%	3,339,156	3,613,998	-7.6%
Coal Production Month Ended - Sep	September 19/18		% Chng	Jan - Sep 19/18		% Chng
	57,860	62,438	-7.3%	537,654	563,304	-4.6%
DOC Coal Trade (000 Tons)						
Exports:	August 19/18		% Chng	Jan - Aug 19/18		% Chng
Metallurgical	5,022	5,673	-11.5%	37,683	42,255	-10.8%
Steam Bit. *	2,677	4,363	-38.6%	26,821	35,245	-23.9%
Lignite	5	6	-16.7%	60	58	3.4%
Anthracite	5	15	-66.7%	196	156	25.6%
Total	7,709	10,057	-23.3%	64,760	77,714	-16.7%
Imports:	519	484	7.2%	4,323	4,089	5.7%
	Week Ended			Cumulative Week 1 to		
	10/26/19	10/27/18	% Chng	10/26/19	10/27/18	% Chng
EI Electric Total Output (Mil. Kwh)	68,164	68,635	-0.7%	3,375,717	3,439,620	-1.9%
EI Coal Region Output (Mil. Kwh)	58,276	58,713	-0.7%	2,926,954	2,978,795	-1.7%
AISI Raw Steel Output (000 Tons)	1,866	1,877	-0.6%	79,785	77,694	2.7%

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)	
	10/25/19	10/18/19	% Chng	Wed.	10/23/19
Central App, 12,500 Btu, 1.2 SO ₂	\$65.40	\$65.40	0.0%	Henry Hub	2.28
Northern App, 13,000 Btu, < 3.0 SO ₂	57.90	57.90	0.0%	New York	1.95
Illinois Basin, 11,800, 5.0 SO ₂	38.95	38.95	0.0%	Chicago	2.29
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.15	12.15	0.0%	Cal.Comp.Avg.	2.57
Uinta Basin, 11,700 Btu, 0.8 SO ₂	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



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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		
	10/26/2019 (week 43)	10/19/2019 (week 42)	10/27/2018 (week 43)	10/26/2019	10/26/2018	% Change	10/26/2019	10/27/2018	% Change
Alabama	260	270	286	12,427	12,181	2.0	14,992	14,364	4.4
Alaska	19	20	23	785	695	13.0	989	880	12.4
Arizona	106	109	126	5,266	5,406	-2.6	6,394	6,664	-4.1
Colorado	221	222	261	10,481	11,652	-10.1	12,820	14,272	-10.2
Illinois	851	885	962	40,220	40,727	-1.2	48,849	48,765	0.2
Indiana	634	640	709	28,255	28,150	0.4	34,611	33,538	3.2
Kentucky Total	671	673	768	31,191	32,757	-4.8	38,074	39,745	-4.2
Eastern (KY)	252	257	321	12,273	14,161	-13.3	15,152	17,421	-13.0
Western (KY)	420	416	447	18,917	18,596	1.7	22,923	22,324	2.7
Louisiana	17	19	23	1,099	1,276	-13.9	1,303	1,617	-19.4
Maryland	25	24	27	1,112	1,049	6.0	1,358	1,331	2.0
Mississippi	46	49	52	2,391	2,465	-3.0	2,859	2,874	-0.5
Missouri	4	4	5	171	213	-19.3	217	255	-14.9
Montana	578	641	851	26,842	30,868	-13.0	34,473	37,705	-8.6
New Mexico	317	320	311	12,486	7,964	56.8	15,273	9,914	54.1
North Dakota	473	492	570	21,960	24,457	-10.2	27,072	29,716	-8.9
Ohio	153	163	192	7,013	7,249	-3.3	8,732	8,959	-2.5
Oklahoma	6	7	7	308	650	-52.7	373	751	-50.3
Pennsylvania Total	866	873	989	41,276	40,973	0.7	50,142	49,511	1.3
Anthracite (PA)	39	40	40	1,844	1,532	20.3	2,202	1,874	17.5
Bituminous (PA)	827	833	949	39,432	39,440	s	47,940	47,637	0.6
Tennessee	5	5	4	249	193	29.1	287	242	18.6
Texas	360	356	439	17,814	20,826	-14.5	21,754	27,706	-21.5
Utah	273	263	268	12,312	11,182	10.1	14,714	14,067	4.6
Virginia	217	221	254	10,134	10,701	-5.3	12,413	12,947	-4.1
West Virginia Total	1,595	1,626	1,825	77,694	78,913	-1.5	94,054	95,915	-1.9
Northern (WV)	843	843	929	39,264	37,663	4.3	47,595	46,330	2.7
Southern (WV)	753	784	895	38,430	41,250	-6.8	46,459	49,586	-6.3
Wyoming	5,004	5,128	6,099	224,228	248,714	-9.8	278,909	303,410	-8.1
Appalachian Total	3,373	3,440	3,898	162,178	165,418	-2.0	197,130	200,691	-1.8
Interior Total	2,337	2,376	2,645	109,175	112,902	-3.3	132,889	137,829	-3.6
Western Total	6,991	7,195	8,508	314,359	340,938	-7.8	390,644	416,628	-6.2
East of Mississippi River	5,324	5,430	6,069	251,961	255,357	-1.3	306,372	308,191	-0.6
West of Mississippi River	7,377	7,581	8,983	333,751	363,902	-8.3	414,291	446,956	-7.3
Bituminous and Lignite	12,662	12,971	15,012	583,868	617,726	-5.5	718,461	753,273	-4.6
Anthracite	39	40	40	1,844	1,532	20.3	2,202	1,874	17.5
U.S. Total	12,701	13,011	15,052	585,711	619,259	-5.4	720,663	755,147	-4.6
Railroad Cars Loaded	73,184	75,083	87,975	3,339,156	3,613,998	-7.6	4,130,266	4,394,546	-6.0

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 43

OUTPUT FOR WEEK ENDED - Oct 26, 2019

Oct 30, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 26, 2019** was **68,164** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **173** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended October 26		52 Weeks Ended October 26	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	1,950	-9.2	117,378	-4.3
Mid-Atlantic	6,958	-6.6	429,409	-2.5
Central Industrial	10,718	-6.2	663,490	-3.2
West Central	5,685	-2.0	330,399	-2.1
Southeast	16,921	-2.0	1,033,654	-1.7
South Central	12,631	8.6	768,419	1.0
Rocky Mountain	5,363	4.3	281,702	0.5
Pacific Northwest	2,736	0.8	157,118	0.0
Pacific Southwest	5,202	2.8	268,252	-3.5
Total United States	68,164	-0.7	4,049,821	-1.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Oct 05	80,103	Oct 06	78,378	2.2	Oct 05	4,055,490	-1.4
Oct 12	70,459	Oct 13	74,100	-4.9	Oct 12	4,051,849	-1.5
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
Oct 26	3,375,717	Oct 27	3,439,620	-1.9	YEAR TO DATE, FIRST 43 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Oct 05	205	Oct 06	194	Oct 07	187
Oct 12	174	Oct 13	183	Oct 14	191
Oct 19	170	Oct 20	172	Oct 21	179
Oct 26	173	Oct 27	173	Oct 28	179

* 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		
	26-Oct 2019 GWh Output	27-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018	26-Oct 2019 GWh Output	27-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018	26-Oct 2019 GWh Output	27-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	1,950	2,148	-9.2%	96,729	101,561	-4.8%	117,378	122,619	-4.3%
Mid-Atlantic	6,958	7,449	-6.6%	356,314	367,301	-3.0%	429,409	440,354	-2.5%
Central Industrial	10,718	11,426	-6.2%	549,535	570,625	-3.7%	663,490	685,358	-3.2%
West Central	5,685	5,800	-2.0%	273,889	281,386	-2.7%	330,399	337,425	-2.1%
Southeast	16,921	17,267	-2.0%	862,572	880,821	-2.1%	1,033,654	1,051,262	-1.7%
South Central	12,631	11,630	8.6%	650,129	644,654	0.8%	768,419	760,915	1.0%
Rocky Mountain	5,363	5,141	4.3%	234,515	234,008	0.2%	281,702	280,401	0.5%
Pacific Northwest	2,736	2,714	0.8%	127,751	126,577	0.9%	157,118	157,134	0.0%
Pacific Southwest	<u>5,202</u>	<u>5,060</u>	2.8%	<u>224,285</u>	<u>232,686</u>	-3.6%	<u>268,252</u>	<u>278,114</u>	-3.5%
Total United States ^{1/}	<u>68,164</u>	<u>68,635</u>	-0.7%	<u>3,375,719</u>	<u>3,439,619</u>	-1.9%	<u>4,049,821</u>	<u>4,113,582</u>	-1.6%
Coal Regions Only ^{2/}	58,276	58,713	-0.7%	2,926,954	2,978,795	-1.7%	3,507,073	3,555,715	-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.

^{1/} Excludes Alaska and Hawaii

^{2/} Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

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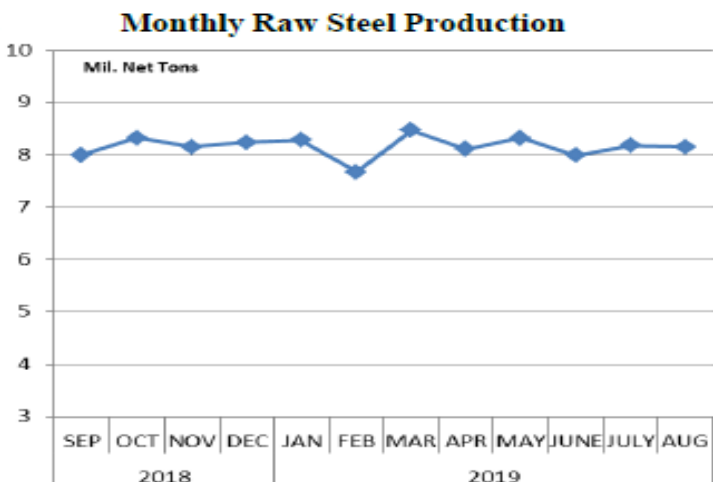
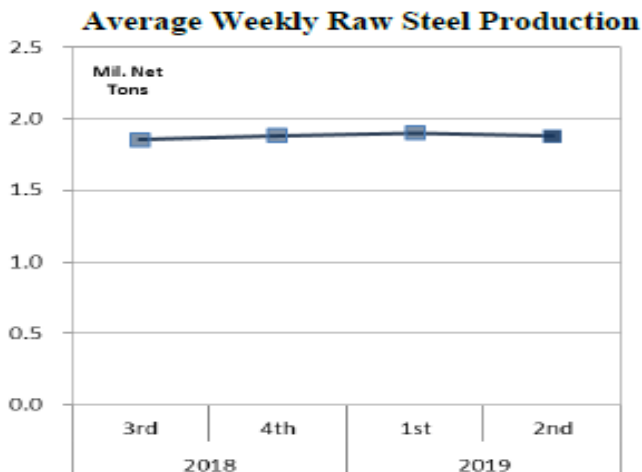
October 28, 2019

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>Oct 26</u>	<u>Oct 19</u>	
<u>Week Ending</u>				North East	212	205
				Great Lakes	702	706
October 26, 2019	1,866	1.4	80.7	Midwest	174	156
October 26, 2018	1,877	-0.6	80.1	Southern	702	699
October 19, 2019	1,841	1.1	79.6	Western	<u>76</u>	<u>75</u>
				Total	1,866	1,841
<u>Year-to-Date +</u>						
October 26, 2019	79,785	2.7	80.3			
October 26, 2018	77,694	-	77.5			

*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 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



Source: Kitco website - www.kitco.com/connecting.html

U.S. Rail Traffic¹

Week 43, 2019 – Ended October 26, 2019

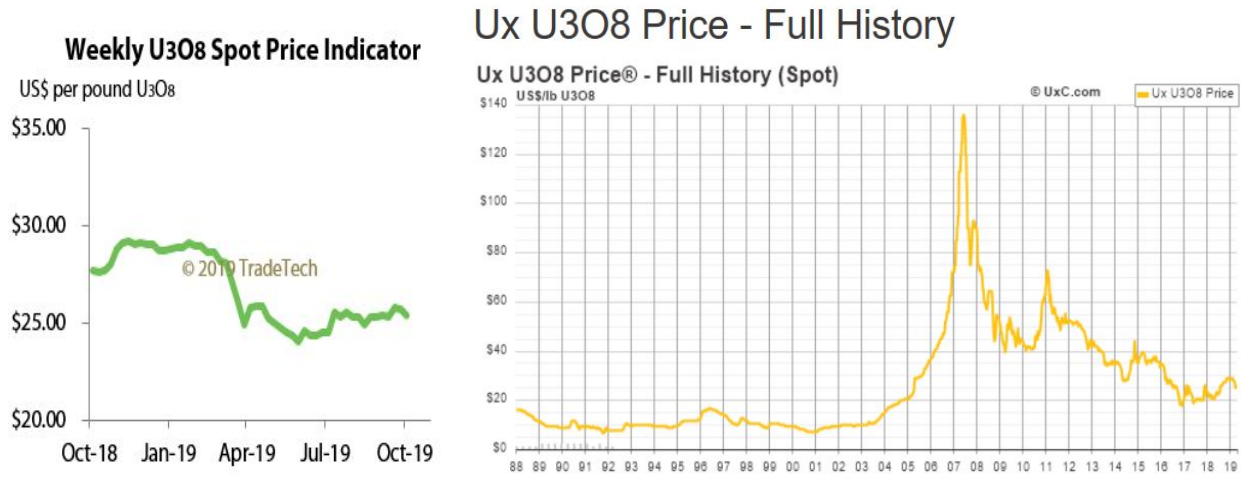
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	243,321	-9.4%	10,843,404	252,172	-4.2%
Chemicals	30,118	-4.9%	1,383,527	32,175	-0.1%
Coal	73,184	-16.8%	3,358,810	78,112	-7.6%
Farm Products excl. Grain, and Food	16,278	-2.1%	669,779	15,576	-4.1%
Forest Products	9,610	-8.4%	423,960	9,860	-4.3%
Grain	21,135	-9.2%	926,274	21,541	-6.2%
Metallic Ores and Metals	21,291	-8.8%	940,619	21,875	-6.3%
Motor Vehicles and Parts	14,866	-11.8%	691,340	16,078	-3.1%
Nonmetallic Minerals	34,432	-2.5%	1,494,219	34,749	-4.4%
Petroleum and Petroleum Products	12,993	-1.5%	544,120	12,654	15.1%
Other	9,414	-4.7%	410,756	9,552	-1.3%
Total Intermodal Units	269,826	-8.3%	11,457,177	266,446	-4.4%
Total Traffic	513,147	-8.8%	22,300,581	518,618	-4.3%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

² Average per week figures may not sum to totals as a result of independent rounding.

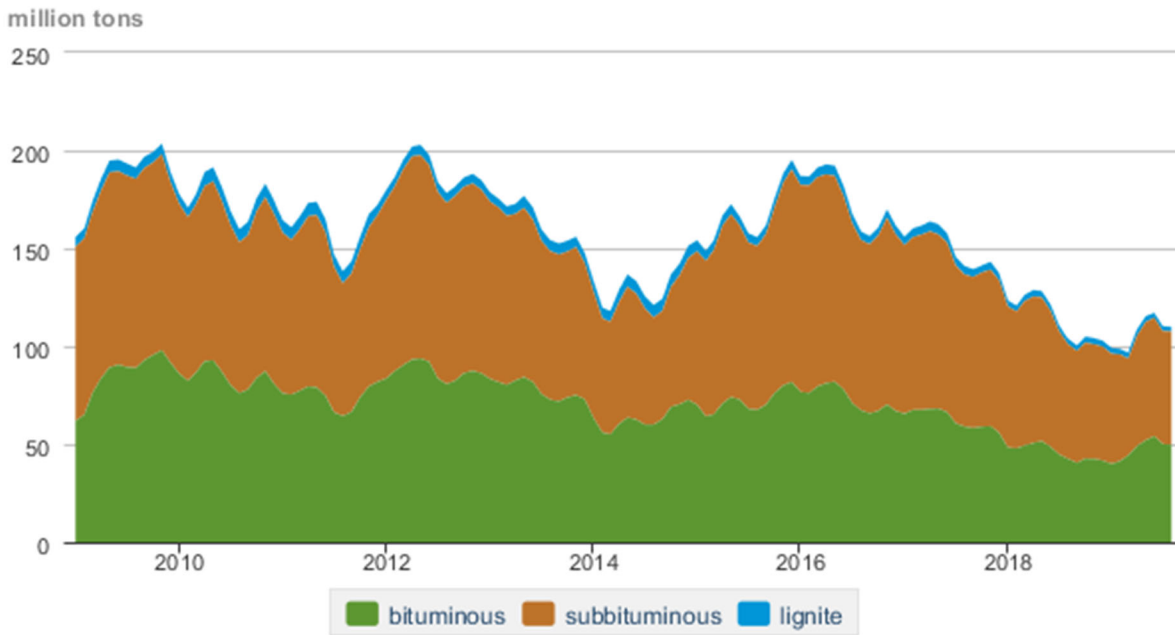
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Trade Tech's and UX's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

Coal stocks by type, January 2009 - August 2019



eia Source: U.S. Energy Information Administration

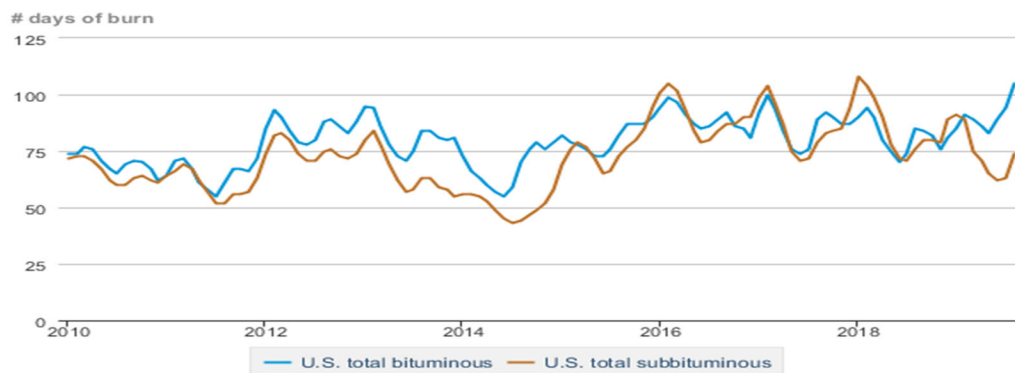
Source: Energy Information Administration

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	09/27/19	10/04/19	10/11/19	10/18/19	10/25/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$63.60	\$65.55	\$65.40	\$65.40	\$65.40	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$54.55	\$56.25	\$57.90	\$57.90	\$57.90	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$39.00	\$39.00	\$38.95	\$38.95	\$38.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.15	\$12.10	\$12.15	\$12.15	\$12.15	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$34.40	\$34.25	\$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 Oct 10)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	79	-2	49	0	0	-8
Middle Atlantic	58	-12	48	0	-2	-21
E N Central	57	-15	37	0	-3	-29
W N Central	67	-2	-22	0	-5	-7
South Atlantic	12	-22	12	53	18	-32
E S Central	8	-25	8	42	22	-41
W S Central	4	-5	2	73	31	-11
Mountain	82	12	-18	18	-1	9
Pacific	22	-2	-3	9	-4	9
United States	42	-9	16	23	6	-16

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

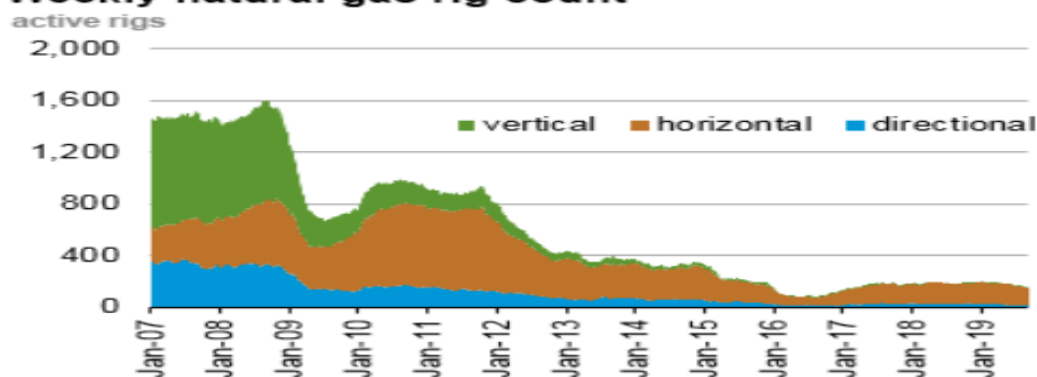
Region	Stocks billion cubic feet (Bcf)		
	2019-10-18	2019-10-11	change
East	898	880	18
Midwest	1,069	1,044	25
Mountain	208	205	3
Pacific	297	296	1
South Central	1,134	1,093	41
Total	3,606	3,519	87

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

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

EIA Natural Gas Rig Count

Weekly 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