

National Mining Association

Weekly Statistical Summary

October 25, 2019 Edition
(Data for Week Ending October 19, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 42
Dated 10/25/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/19/19	10/20/18	% Chng	10/19/19	10/20/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,011	14,702	-11.5%	573,010	604,252	-5.2%
52 Weeks Ended	723,014	754,688	-4.2%			
AAR Coal Rail Cars Loaded:	75,083	85,929	-12.6%	3,265,972	3,526,288	-7.4%
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			Jan - Aug 19/18		
			% Chng			% 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		
	10/19/19	10/20/18	% Chng	10/19/19	10/20/18	% Chng
EI Electric Total Output (Mil. Kwh)	67,907	69,464	-2.2%	3,307,553	3,370,986	-1.9%
EI Coal Region Output (Mil. Kwh)	58,381	59,782	-2.3%	2,868,678	2,920,082	-1.8%
AISI Raw Steel Output (000 Tons)	1,841	1,877	-1.9%	77,919	75,817	2.8%

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)	
	10/18/19	10/11/19	% Chng	Wed.	10/16/19
Central App, 12,500 Btu, 1.2 SO ₂	\$65.40	\$65.40	0.0%	Henry Hub	2.25
Northern App, 13,000 Btu, < 3.0 SO ₂	57.90	57.90	0.0%	New York	2.04
Illinois Basin, 11,800, 5.0 SO ₂	38.95	38.95	0.0%	Chicago	2.11
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.15	12.15	0.0%	Cal.Comp.Avg.	2.59
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		
	10/19/2019 (week 42)	10/12/2019 (week 41)	10/20/2018 (week 42)	10/19/2019	10/19/2018	% Change	10/19/2019	10/20/2018	% Change
Alabama	270	274	279	12,167	11,896	2.3	15,018	14,312	4.9
Alaska	20	20	22	766	672	13.9	992	877	13.1
Arizona	109	107	123	5,160	5,280	-2.3	6,414	6,673	-3.9
Colorado	222	216	255	10,260	11,392	-9.9	12,861	14,293	-10.0
Illinois	885	900	940	39,369	39,768	-1.0	48,961	48,665	0.6
Indiana	640	632	692	27,621	27,444	0.6	34,685	33,406	3.8
Kentucky Total	673	659	750	30,519	31,991	-4.6	38,171	39,728	-3.9
Eastern (KY)	257	253	314	12,022	13,841	-13.1	15,221	17,451	-12.8
Western (KY)	416	406	436	18,497	18,150	1.9	22,949	22,277	3.0
Louisiana	19	18	22	1,081	1,253	-13.7	1,309	1,631	-19.7
Maryland	24	24	27	1,087	1,021	6.4	1,360	1,334	1.9
Mississippi	49	48	51	2,345	2,413	-2.8	2,865	2,866	s
Missouri	4	4	5	168	207	-19.1	219	254	-13.8
Montana	641	658	831	26,264	30,019	-12.5	34,747	37,586	-7.6
New Mexico	320	322	304	12,168	7,654	59.0	15,267	9,811	55.6
North Dakota	492	489	557	21,487	23,889	-10.1	27,169	29,710	-8.6
Ohio	163	163	187	6,860	7,058	-2.8	8,771	8,951	-2.0
Oklahoma	7	6	7	302	643	-53.0	375	755	-50.3
Pennsylvania Total	873	863	966	40,409	39,987	1.1	50,265	49,438	1.7
Anthracite (PA)	40	41	39	1,805	1,493	20.9	2,203	1,871	17.7
Bituminous (PA)	833	823	927	38,605	38,494	0.3	48,062	47,567	1.0
Tennessee	5	5	4	244	188	29.4	287	243	18.1
Texas	356	340	429	17,454	20,388	-14.4	21,833	28,010	-22.1
Utah	263	253	262	12,039	10,915	10.3	14,709	14,109	4.3
Virginia	221	217	248	9,917	10,447	-5.1	12,450	12,934	-3.7
West Virginia Total	1,626	1,613	1,782	76,099	77,094	-1.3	94,284	95,917	-1.7
Northern (WV)	843	828	908	38,421	36,736	4.6	47,682	46,332	2.9
Southern (WV)	784	786	875	37,678	40,358	-6.6	46,602	49,586	-6.0
Wyoming	5,128	4,930	5,957	219,224	242,633	-9.6	280,003	303,185	-7.6
Appalachian Total	3,440	3,413	3,808	158,805	161,532	-1.7	197,656	200,580	-1.5
Interior Total	2,376	2,355	2,583	106,837	110,266	-3.1	133,196	137,863	-3.4
Western Total	7,195	6,994	8,311	307,368	332,455	-7.5	392,162	416,246	-5.8
East of Mississippi River	5,430	5,400	5,928	246,637	249,306	-1.1	307,116	307,793	-0.2
West of Mississippi River	7,581	7,362	8,774	326,374	354,946	-8.0	415,897	446,895	-6.9
Bituminous and Lignite	12,971	12,722	14,663	571,205	602,760	-5.2	720,810	752,818	-4.3
Anthracite	40	41	39	1,805	1,493	20.9	2,203	1,871	17.7
U.S. Total	13,011	12,762	14,702	573,010	604,252	-5.2	723,014	754,688	-4.2
Railroad Cars Loaded	75,083	73,902	85,929	3,265,972	3,526,288	-7.4	4,145,057	4,390,168	-5.6

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 42

OUTPUT FOR WEEK ENDED - Oct 19, 2019

Oct 23, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 19, 2019** was **67,907** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **170** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended October 19		52 Weeks Ended October 19	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	1,935	-5.4	117,577	-4.1
Mid-Atlantic	6,902	-3.7	429,900	-2.3
Central Industrial	10,739	-4.6	664,198	-3.1
West Central	5,685	-3.4	330,514	-2.1
Southeast	16,841	-6.1	1,034,000	-1.6
South Central	13,000	3.5	767,418	0.8
Rocky Mountain	5,214	5.0	281,480	0.3
Pacific Northwest	2,743	1.3	157,095	0.0
Pacific Southwest	4,848	-1.6	268,110	-3.8
Total United States	67,907	-2.2	4,050,292	-1.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Sep 28	79,349	Sep 29	75,251	5.4	Sep 28	4,053,765	-1.4
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 19	3,307,553	Oct 20	3,370,986	-1.9	YEAR TO DATE, FIRST 42 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Sep 28	198	Sep 29	180	Sep 30	193
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

* 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		
	19-Oct 2019 GWh Output	20-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018	19-Oct 2019 GWh Output	20-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018	19-Oct 2019 GWh Output	20-Oct 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	1,935	2,045	-5.4%	94,779	99,413	-4.7%	117,577	122,563	-4.1%
Mid-Atlantic	6,902	7,171	-3.8%	349,356	359,852	-2.9%	429,900	440,143	-2.3%
Central Industrial	10,739	11,253	-4.6%	538,817	559,199	-3.6%	664,198	685,210	-3.1%
West Central	5,685	5,888	-3.4%	268,204	275,586	-2.7%	330,514	337,502	-2.1%
Southeast	16,841	17,943	-6.1%	845,651	863,554	-2.1%	1,034,000	1,050,789	-1.6%
South Central	13,000	12,561	3.5%	637,498	633,024	0.7%	767,418	761,038	0.8%
Rocky Mountain	5,214	4,966	5.0%	229,152	228,867	0.1%	281,480	280,547	0.3%
Pacific Northwest	2,743	2,709	1.3%	125,015	123,863	0.9%	157,095	157,050	0.0%
Pacific Southwest	4,848	4,928	-1.6%	219,083	227,626	-3.8%	268,110	278,740	-3.8%
Total United States ^{1/}	<u>67,907</u>	<u>69,464</u>	-2.2%	<u>3,307,555</u>	<u>3,370,984</u>	-1.9%	4,050,292	4,113,582	-1.5%
Coal Regions Only ^{2/}	58,381	59,782	-2.3%	2,868,678	2,920,082	-1.8%	3,507,510	3,555,229	-1.3%

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.

^{1/} Excludes Alaska and Hawaii

^{2/} Excludes New England and Pacific regions

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

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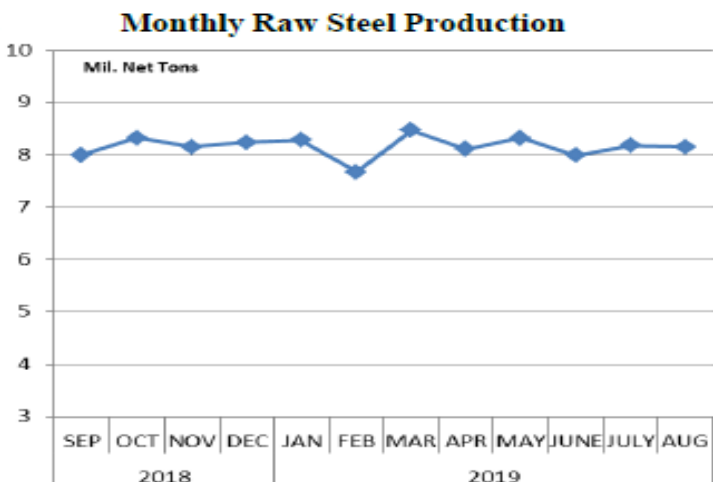
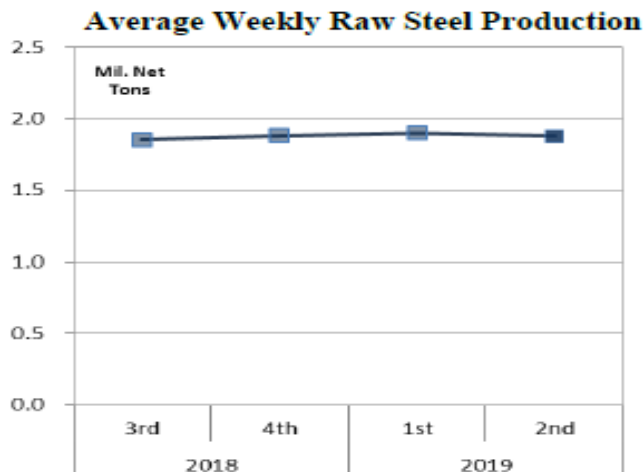
October 21, 2019

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 19</u>	<u>Oct 12</u>	
<u>Week Ending</u>				North East	205	200
				Great Lakes	706	685
October 19, 2019	1,841	1.1	79.6	Midwest	156	162
October 19, 2018	1,877	-1.9	80.1	Southern	699	698
October 12, 2019	1,821	0.9	78.7	Western	<u>75</u>	<u>76</u>
				Total	1,841	1,821
<u>Year-to-Date +</u>						
October 19, 2019	77,919	2.8	80.3			
October 19, 2018	75,817	-	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 42, 2019 – Ended October 19, 2019

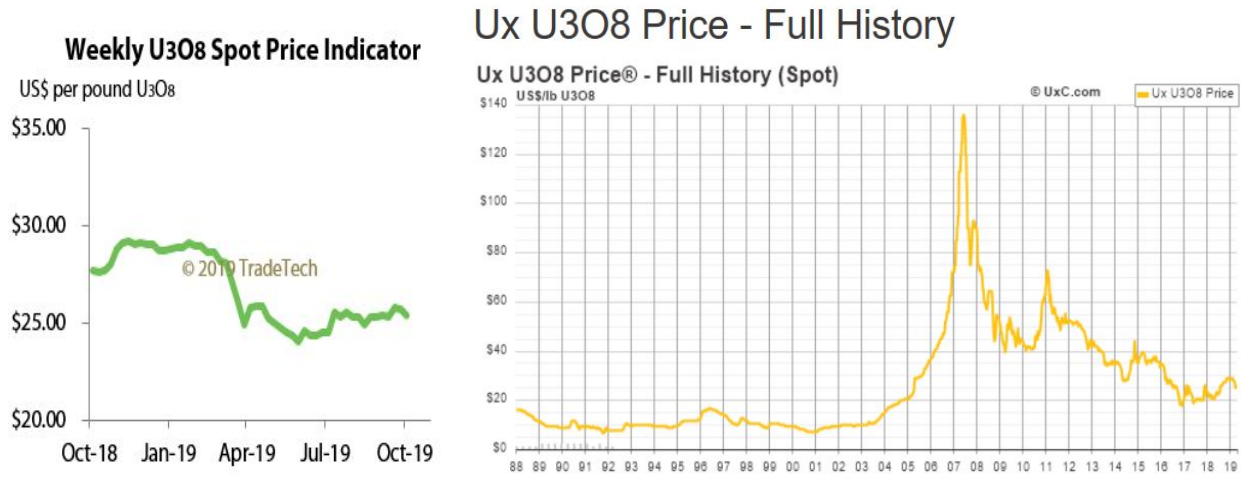
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	245,002	-7.8%	10,600,083	252,383	-4.1%
Chemicals	31,720	3.1%	1,353,409	32,224	0.0%
Coal	75,083	-12.8%	3,285,626	78,229	-7.3%
Farm Products excl. Grain, and Food	15,990	-4.9%	653,501	15,560	-4.1%
Forest Products	9,413	-4.4%	414,350	9,865	-4.2%
Grain	20,620	-7.6%	905,139	21,551	-6.2%
Metallic Ores and Metals	19,706	-15.6%	919,328	21,889	-6.2%
Motor Vehicles and Parts	14,749	-14.3%	676,474	16,107	-2.9%
Nonmetallic Minerals	35,931	-0.2%	1,459,787	34,757	-4.4%
Petroleum and Petroleum Products	12,718	6.3%	531,127	12,646	15.6%
Other	9,072	-20.2%	401,342	9,556	-1.3%
Total Intermodal Units	262,379	-9.3%	11,187,351	266,366	-4.3%
Total Traffic	507,381	-8.6%	21,787,434	518,748	-4.2%

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.

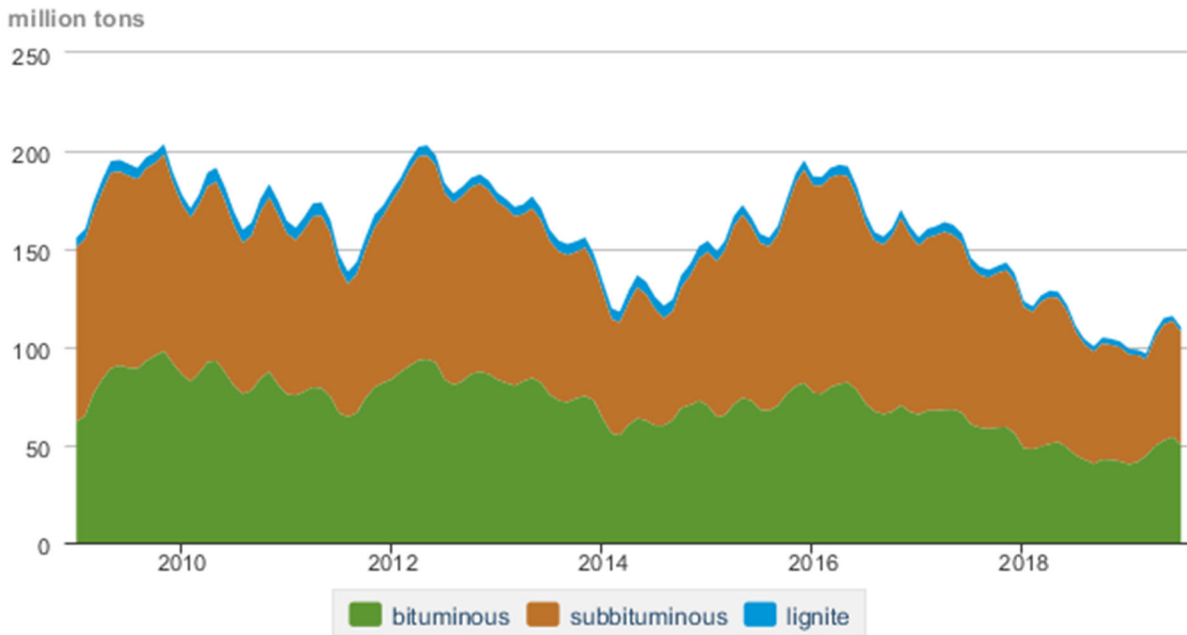
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - July 2019



eia Source: U.S. Energy Information Administration

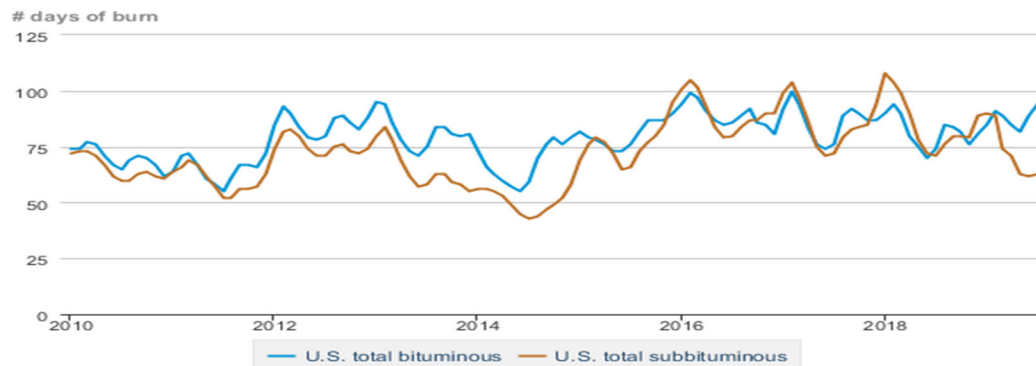
Source: Energy Information Administration

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	09/20/19	09/27/19	10/04/19	10/11/19	10/18/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$62.80	\$63.60	\$65.55	\$65.40	\$65.40	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$52.90	\$54.55	\$56.25	\$57.90	\$57.90	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$39.00	\$39.00	\$39.00	\$38.95	\$38.95	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.20	\$12.15	\$12.10	\$12.15	\$12.15	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$34.55	\$34.40	\$34.25	\$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 - July 2019



eia 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



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	July 2019		July 2018		% Change of Stocks	June 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,762	181	2,921	81	28.8%	4,129	196	-8.9%
	Subbituminous	163	206	172	197	-5.2%	163	227	0.0%
South	Bituminous	22,398	95	19,630	67	14.1%	23,997	88	-6.7%
	Subbituminous	4,194	42	5,481	52	-23.5%	4,739	45	-11.5%
Midwest	Bituminous	10,054	79	10,225	76	-1.7%	11,195	81	-10.2%
	Subbituminous	21,355	76	28,934	81	-26.2%	22,647	73	-5.7%
West	Bituminous	3,875	79	5,024	97	-22.9%	3,776	71	2.6%
	Subbituminous	20,283	59	22,585	66	-10.2%	19,618	58	3.4%
U.S. Total	Bituminous	40,089	94	37,801	74	6.1%	43,097	89	-7.0%
	Subbituminous	45,996	63	57,172	71	-19.5%	47,167	62	-2.5%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

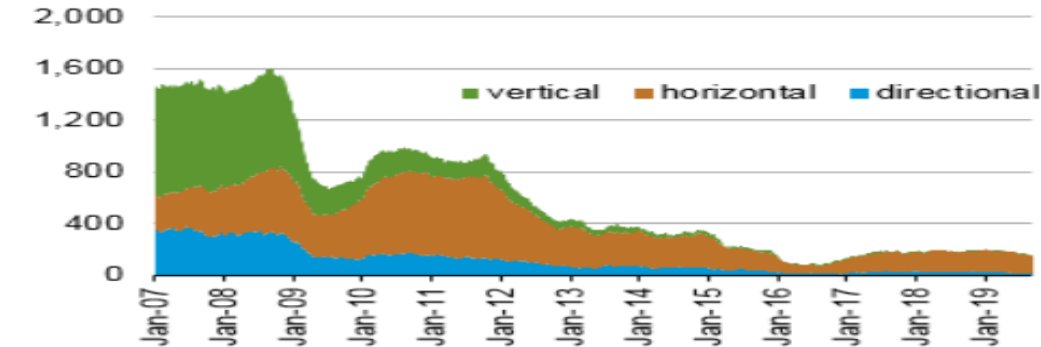
Region	Stocks billion cubic feet (Bcf)		
	2019-10-11	2019-10-04	change
East	880	854	26
Midwest	1,044	1,009	35
Mountain	205	203	2
Pacific	296	296	0
South Central	1,093	1,054	39
Total	3,519	3,415	104

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



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