

National Mining Association

Weekly Statistical Summary

January 10, 2020 Edition
(Data for Week Ending January 4, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 1
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/04/20	01/05/19	% Chng	01/04/20	01/04/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,367	12,319	0.4%	7,197	7,377	-2.4%
52 Weeks Ended	703,420	754,820	-6.8%			
AAR Coal Rail Cars Loaded:	69,757	70,807	-1.5%	39,672	41,701	-4.9%
Coal Production Month Ended - Dec.	December 19/18 53,699	% Chng 63,474	% Chng -15.4%	Jan - Dec 19/18 705,271	% Chng 756,167	% Chng -6.7%
DOC Coal Trade (000 Tons)						
Exports:	November 19/18			Jan - Nov 19/18		
			% Chng			% Chng
Metallurgical	4,490	4,423	1.5%	50,802	56,599	-10.2%
Steam Bit. *	2,986	4,393	-32.0%	35,279	49,836	-29.2%
Lignite	8	7	14.3%	86	78	10.3%
Anthracite	12	55	-78.2%	251	250	0.4%
Total	7,496	8,878	-15.6%	86,418	106,763	-19.1%
Imports:	466	400	16.5%	6,182	5,056	22.3%
Date corrected!	Week Ended			Cumulative Week 1 to		
	01/04/20	01/05/19	% Chng	01/04/20	01/05/19	% Chng
EI Electric Total Output (Mil. Kwh)	71,647	74,073	-3.3%	71,647	74,073	-3.3%
EI Coal Region Output (Mil. Kwh)	61,303	63,359	-3.2%	61,303	63,359	-3.2%
AISI Raw Steel Output (000 Tons)	1,898	1,861	2.0%	1,898	1,861	2.0%

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)	
	01/03/20	12/27/19	% Chng	Wed.	12/18/19
Central App, 12,500 Btu, 1.2 SO ₂	\$60.65	\$60.30	0.6%	Henry Hub	2.24
Northern App, 13,000 Btu, < 3.0 SO ₂	52.30	50.75	3.1%	New York	5.61
Illinois Basin, 11,800, 5.0 SO ₂	34.50	34.20	0.9%	Chicago	2.12
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.75	11.80	-0.4%	Cal.Comp.Avg.	3.53
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.30	31.45	-0.5%		

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		
	1/4/2020 (week 1)	12/28/2019 (week 52)	1/5/2019 (week 1)	1/4/2020	1/4/2019	% Change	1/4/2020	1/5/2019	% Change
Alabama	261	220	255	156	157	-0.4	14,555	14,760	-1.4
Alaska	20	18	18	12	10	14.7	992	901	10.1
Arizona	.	.	103	.	62	-100.0	3,767	6,542	-42.4
Colorado	213	181	232	120	143	-16.4	12,456	14,020	-11.2
Illinois	861	734	865	514	535	-4.0	47,679	49,439	-3.6
Indiana	598	502	603	346	366	-5.4	32,811	34,582	-5.1
Kentucky Total	662	543	672	386	412	-6.3	36,821	39,678	-7.2
Eastern (KY)	244	207	267	141	160	-12.0	14,171	17,029	-16.8
Western (KY)	418	336	405	245	251	-2.7	22,651	22,648	s
Louisiana	20	16	17	12	10	27.0	1,329	1,482	-10.3
Maryland	29	23	25	17	16	10.5	1,457	1,296	12.4
Mississippi	45	36	41	27	24	11.5	2,706	2,934	-7.8
Missouri	3	3	4	2	2	-12.2	196	258	-24.0
Montana	566	536	542	330	291	13.5	34,272	38,465	-10.9
New Mexico	325	270	255	192	153	25.4	15,517	10,868	42.8
North Dakota	458	395	487	267	296	-9.9	26,171	29,589	-11.6
Ohio	147	127	139	88	80	10.6	8,174	8,955	-8.7
Oklahoma	4	4	5	2	3	-20.4	258	712	-63.8
Pennsylvania Total	897	718	845	537	513	4.5	48,709	49,933	-2.5
Anthracite (PA)	45	36	35	27	21	26.6	2,357	1,898	24.2
Bituminous (PA)	852	682	810	509	492	3.5	46,352	48,035	-3.5
Tennessee	7	4	5	4	3	50.5	390	232	68.1
Texas	392	323	420	221	265	-16.6	22,693	24,812	-8.5
Utah	291	221	268	172	171	0.7	14,680	13,626	7.7
Virginia	220	182	214	129	129	-0.5	12,443	12,985	-4.2
West Virginia Total	1,661	1,358	1,597	989	979	1.1	92,755	95,410	-2.8
Northern (WV)	884	704	815	526	499	5.3	46,973	46,110	1.9
Southern (WV)	777	654	782	463	479	-3.3	45,783	49,300	-7.1
Wyoming	4,690	3,968	4,708	2,675	2,758	-3.0	272,591	303,341	-10.1
Appalachian Total	3,465	2,838	3,346	2,062	2,037	1.2	192,653	200,600	-4.0
Interior Total	2,340	1,954	2,360	1,368	1,455	-6.0	130,322	136,867	-4.8
Western Total	6,562	5,589	6,613	3,767	3,884	-3.0	380,444	417,352	-8.8
East of Mississippi River	5,387	4,446	5,260	3,193	3,213	-0.6	298,500	310,203	-3.8
West of Mississippi River	6,980	5,935	7,059	4,004	4,163	-3.8	404,920	444,616	-8.9
Bituminous and Lignite	12,323	10,344	12,284	7,170	7,355	-2.5	701,063	752,922	-6.9
Anthracite	45	36	35	27	21	26.6	2,357	1,898	24.2
U.S. Total	12,367	10,381	12,319	7,197	7,377	-2.4	703,420	754,820	-6.8
Railroad Cars Loaded	69,757	60,454	70,807	39,672	41,701	-4.9	3,999,123	4,406,347	-9.2

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 1

OUTPUT FOR WEEK ENDED - Jan 04, 2020

Jan 08, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 04, 2020** was **71,647** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **158** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 04		52 Weeks Ended January 04	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,246	-2.1	117,085	-3.7
Mid-Atlantic	7,803	-2.0	428,358	-2.2
Central Industrial	11,891	-5.5	659,780	-3.2
West Central	6,050	-3.9	329,627	-2.1
Southeast	16,841	0.2	1,027,475	-1.4
South Central	13,070	-6.3	769,013	1.1
Rocky Mountain	5,648	-2.0	283,771	0.8
Pacific Northwest	3,428	-4.3	157,349	1.0
Pacific Southwest	4,670	-3.5	267,984	-3.1
Total United States	71,647	-3.3	4,040,443	-1.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Dec 14	77,234	Dec 15	79,940	-3.4	Dec 14	4,040,240	-2.0
Dec 21	81,044	Dec 22	76,247	6.3	Dec 21	4,045,038	-1.9
Dec 28	70,949	Dec 29	73,118	-3.0	Dec 28	4,042,869	-1.7
Jan 04	71,647	Jan 05	74,073	-3.3	Jan 04	4,040,443	-1.3
Jan 04	71,647	Jan 05	74,073	-3.3	YEAR TO DATE, FIRST 1 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Dec 14	168	Dec 15	179	Dec 16	203
Dec 21	179	Dec 22	172	Dec 23	192
Dec 28	163	Dec 29	172	Dec 30	218
Jan 04	158	Jan 05	176	Jan 06	210

* 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		
	4-Jan 2020 GWh Output	5-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018	4-Jan 2020 GWh Output	5-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018	4-Jan 2020 GWh Output	5-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,246	2,294	-2.1%	2,246	2,294	-2.1%	117,085	121,581	-3.7%
Mid-Atlantic	7,803	7,959	-2.0%	7,803	7,959	-2.0%	428,358	437,863	-2.2%
Central Industrial	11,891	12,589	-5.5%	11,891	12,589	-5.5%	659,780	681,321	-3.2%
West Central	6,050	6,292	-3.8%	6,050	6,292	-3.8%	329,627	336,836	-2.1%
Southeast	16,841	16,811	0.2%	16,841	16,811	0.2%	1,027,475	1,042,172	-1.4%
South Central	13,070	13,943	-6.3%	13,070	13,943	-6.3%	769,013	760,591	1.1%
Rocky Mountain	5,648	5,765	-2.0%	5,648	5,765	-2.0%	283,771	281,642	0.8%
Pacific Northwest	3,428	3,582	-4.3%	3,428	3,582	-4.3%	157,349	155,810	1.0%
Pacific Southwest	4,670	4,838	-3.5%	4,670	4,838	-3.5%	267,984	276,649	-3.1%
Total United States ^{1/}	<u>71,647</u>	<u>74,073</u>	-3.3%	<u>71,647</u>	<u>74,073</u>	-3.3%	<u>4,040,442</u>	<u>4,094,465</u>	-1.3%
Coal Regions Only ^{2/}	61,303	63,359	-3.2%	61,303	63,359	-3.2%	3,498,024	3,540,425	-1.2%

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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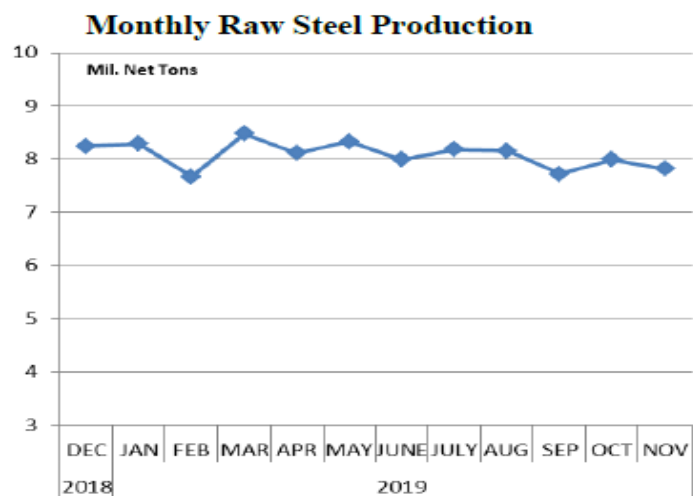
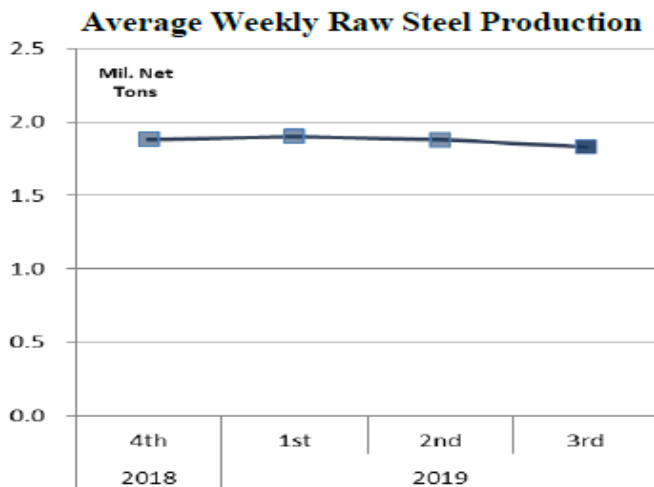
January 6, 2020

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

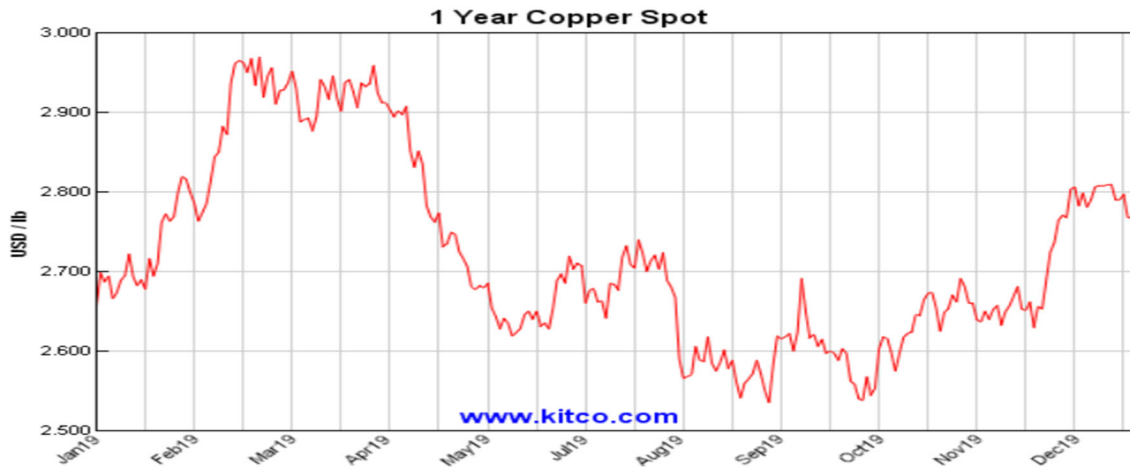
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending</u>		
				<u>Jan 4</u>	<u>Dec 28</u>	
<u>Week Ending</u>				North East	232	223
				Great Lakes	666	704
January 04, 2020	1,898	1.2	82.0	Midwest	209	197
January 04, 2019	1,861	2.0	79.4	Southern	698	664
December 28, 2019	1,876	0.5	81.1	Western	93	88
				Total	1,898	1,876
<u>Year-to-Date +</u>						
January 04, 2020	1,898	2.0	82.0			
January 04, 2019	1,861	-	79.4			

*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.

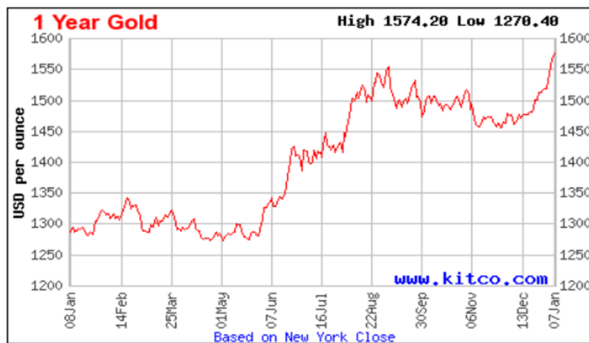
NOTE: Capacity for the fourth quarter 2019 is approximately 30.4 million net tons vs. 30.8 million net tons for the same period last year, and 30.6 million tons for the third quarter of 2019.



*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 1, 2020 – Ended January 4, 2020

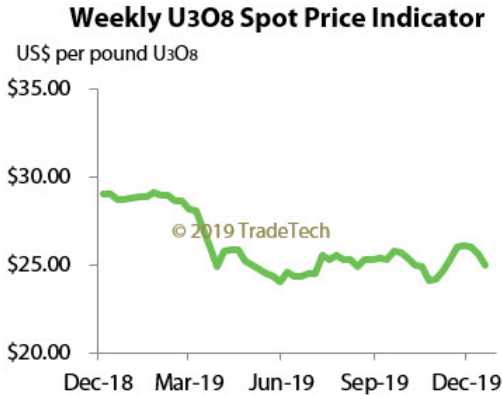
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	215,564	-2.8%	215,564	215,564	-2.8%
Chemicals	31,006	3.7%	31,006	31,006	3.7%
Coal	69,757	-1.6%	69,757	69,757	-1.6%
Farm Products excl. Grain, and Food	14,743	-2.5%	14,743	14,743	-2.5%
Forest Products	9,298	-2.4%	9,298	9,298	-2.4%
Grain	19,615	-4.3%	19,615	19,615	-4.3%
Metallic Ores and Metals	20,732	-4.7%	20,732	20,732	-4.7%
Motor Vehicles and Parts	7,004	-24.0%	7,004	7,004	-24.0%
Nonmetallic Minerals	22,803	-11.1%	22,803	22,803	-11.1%
Petroleum and Petroleum Products	13,063	8.3%	13,063	13,063	8.3%
Other	7,543	3.9%	7,543	7,543	3.9%
Total Intermodal Units	198,450	-7.4%	198,450	198,450	-7.4%
Total Traffic	414,014	-5.1%	414,014	414,014	-5.1%

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

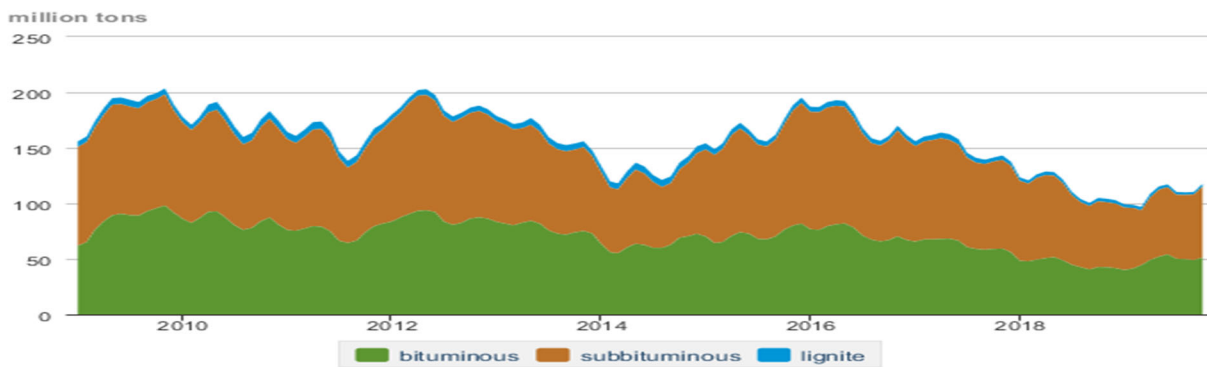


Ux U3O8 Price - Full History



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

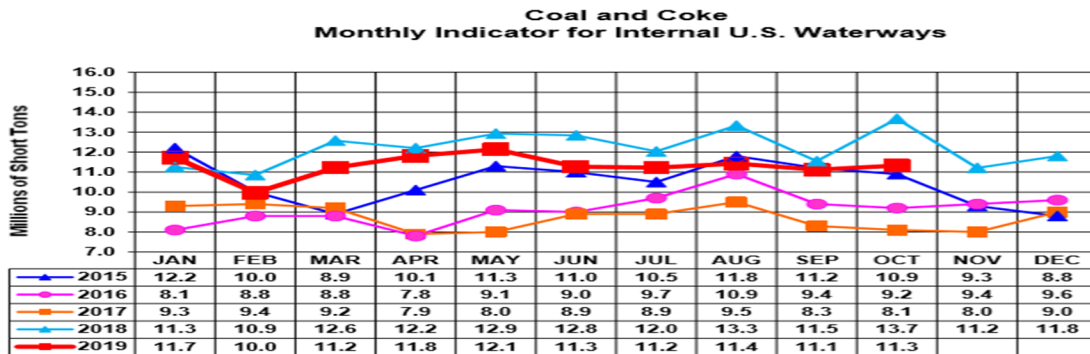
Coal stocks by type, January 2009 - October 2019



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

Source: Energy Information Administration, Electric Monthly Update



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

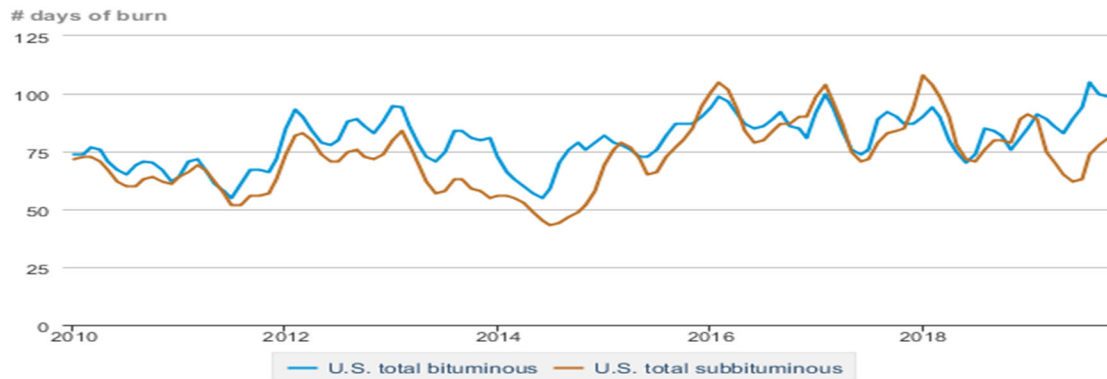
Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	12/06/19	12/13/19	12/20/19	12/27/19	01/03/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.90	\$61.55	\$60.30	\$60.30	\$60.65	\$0.35
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$52.40	\$51.95	\$50.75	\$50.75	\$52.30	\$1.55
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$36.45	\$36.30	\$34.20	\$34.20	\$34.50	\$0.30
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.80	\$11.75	\$11.80	\$11.80	\$11.75	-\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$32.35	\$32.20	\$30.50	\$31.45	\$31.30	-\$0.15

Source: With permission, S&P Global

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

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Dec 12)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	229	8	-37	0	0	0
Middle Atlantic	210	0	-41	0	0	0
E N Central	232	-9	-38	0	0	0
W N Central	263	-4	-20	0	0	0
South Atlantic	135	-12	-58	12	4	8
E S Central	129	-23	-62	0	-1	0
W S Central	88	-25	-43	4	1	4
Mountain	184	-36	-26	0	0	0
Pacific	93	-23	-15	0	-1	0
United States	175	-14	-36	3	1	2

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	October 2019		October 2018			September 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	3,996	193	3,258	94	22.6%	3,897	191	2.5%
	Subbituminous	162	158	163	113	-0.7%	162	159	0.0%
South	Bituminous	22,467	106	18,869	82	19.1%	21,291	104	5.5%
	Subbituminous	5,236	64	4,605	56	13.7%	4,676	61	12.0%
Midwest	Bituminous	11,138	85	9,205	75	21.0%	10,286	86	8.3%
	Subbituminous	25,039	97	27,720	91	-9.7%	22,172	92	12.9%
West	Bituminous	3,223	66	4,205	91	-23.4%	3,408	73	-5.4%
	Subbituminous	21,285	71	20,272	76	5.0%	20,078	72	6.0%
U.S. Total	Bituminous	40,823	99	35,538	82	14.9%	38,881	100	5.0%
	Subbituminous	51,721	81	52,759	80	-2.0%	47,088	78	9.8%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

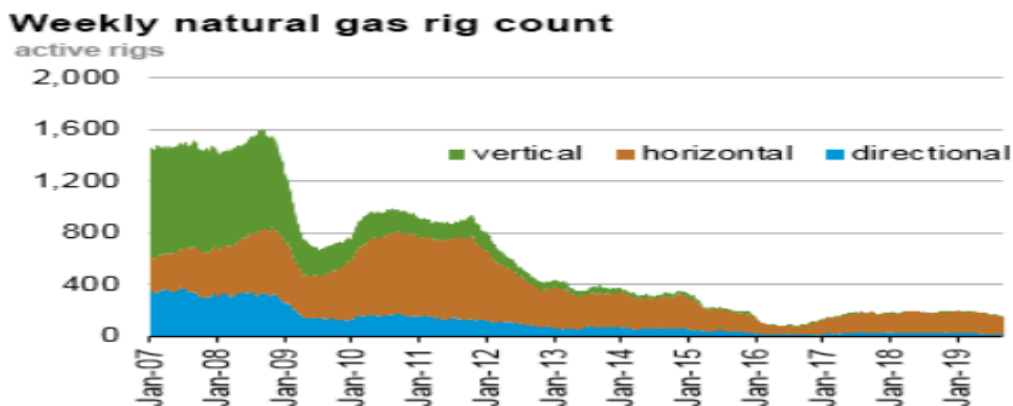
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2019-12-13	2019-12-06	change
East	838	867	-29
Midwest	973	1,013	-40
Mountain	186	193	-7
Pacific	273	276	-3
South Central	1,142	1,168	-26
Total	3,411	3,518	-107

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		
	December 2019	January 2020	change	December 2019	January 2020	change
Anadarko	606	625	19	4,141	4,230	89
Appalachia	161	164	3	18,662	18,740	78
Bakken	1,515	1,553	38	2,235	2,282	47
Eagle Ford	1,432	1,449	17	4,920	4,929	9
Haynesville	27	27	-	10,322	10,366	44
Niobrara	1,210	1,214	4	4,224	4,229	5
Permian	796	798	2	1,558	1,563	5
Rig-weighted average	821	833	12	4,186	4,092	(94)

Source: Energy Information Administration, *Drilling Productivity Report*