

National Mining Association

Weekly Statistical Summary

January 24, 2020 Edition
(Data for Week Ending January 18, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 3
Dated 01/24/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/18/20	01/19/19	% Chng	01/18/20	01/18/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,797	15,963	-19.8%	32,928	38,777	-15.1%
52 Weeks Ended	697,347	759,008	-8.1%			
AAR Coal Rail Cars Loaded:	70,388	87,906	-19.9%	180,891	214,859	-15.8%
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%
	Week Ended			Cumulative Week 1 to		
	01/18/20	01/19/19	% Chng	01/18/20	01/19/19	% Chng
EI Electric Total Output (Mil. Kwh)	74,738	79,211	-5.6%	222,211	230,324	-3.5%
EI Coal Region Output (Mil. Kwh)	63,596	68,214	-6.8%	190,136	197,878	-3.9%
AISI Raw Steel Output (000 Tons)	1,928	1,871	3.0%	4,936	4,812	2.6%

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)	
	01/17/20	01/10/20	% Chng	Wed.	01/15/20
Central App, 12,500 Btu, 1.2 SO ₂	\$57.40	\$57.40	0.0%	Henry Hub	1.98
Northern App, 13,000 Btu, < 3.0 SO ₂	54.00	54.00	0.0%	New York	2.16
Illinois Basin, 11,800, 5.0 SO ₂	34.20	34.20	0.0%	Chicago	1.97
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.75	11.75	0.0%	Cal.Comp.Avg.	2.61
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.30	31.30	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		
	1/18/2020 (week 3)	1/11/2020 (week 2)	1/19/2019 (week 3)	1/18/2020	1/18/2019	% Change	1/18/2020	1/19/2019	% Change
Alabama	277	284	340	717	826	-13.1	14,439	14,863	-2.9
Alaska	21	22	22	55	54	0.7	990	911	8.7
Arizona	.	.	134	.	325	-100.0	3,501	6,583	-46.8
Colorado	222	231	310	573	753	-23.9	12,291	14,156	-13.2
Illinois	899	898	1,157	2,310	2,812	-17.8	47,170	49,888	-5.4
Indiana	624	637	791	1,607	1,922	-16.4	32,496	34,922	-6.9
Kentucky Total	690	707	891	1,782	2,164	-17.6	36,443	39,945	-8.8
Eastern (KY)	254	258	347	652	843	-22.7	13,990	17,060	-18.0
Western (KY)	437	449	544	1,130	1,321	-14.4	22,453	22,885	-1.9
Louisiana	19	18	21	50	50	-0.7	1,325	1,489	-11.0
Maryland	30	31	34	79	82	-3.9	1,451	1,308	10.9
Mississippi	45	45	53	118	129	-8.7	2,690	2,946	-8.7
Missouri	3	3	4	8	11	-22.8	193	257	-24.9
Montana	581	562	630	1,473	1,530	-3.7	34,161	38,388	-11.0
New Mexico	344	354	331	890	805	10.5	15,554	11,231	38.5
North Dakota	465	452	640	1,184	1,555	-23.9	25,812	29,757	-13.3
Ohio	151	148	173	388	419	-7.5	8,129	8,938	-9.1
Oklahoma	4	4	6	10	14	-28.2	255	704	-63.8
Pennsylvania Total	934	946	1,111	2,417	2,699	-10.4	48,376	50,381	-4.0
Anthracite (PA)	49	53	46	129	113	15.1	2,367	1,926	22.9
Bituminous (PA)	885	893	1,065	2,288	2,586	-11.6	46,008	48,455	-5.1
Tennessee	7	7	6	18	15	17.6	392	235	66.8
Texas	410	429	573	1,060	1,392	-23.9	22,390	25,062	-10.7
Utah	304	316	370	792	898	-11.8	14,563	13,825	5.3
Virginia	228	231	280	588	680	-13.5	12,344	13,049	-5.4
West Virginia Total	1,743	1,786	2,118	4,519	5,144	-12.2	92,065	96,173	-4.3
Northern (WV)	919	933	1,081	2,378	2,625	-9.4	46,672	46,624	0.1
Southern (WV)	824	853	1,037	2,141	2,519	-15.0	45,394	49,550	-8.4
Wyoming	4,793	4,823	5,969	12,290	14,498	-15.2	270,316	303,997	-11.1
Appalachian Total	3,624	3,692	4,408	9,378	10,709	-12.4	191,186	202,008	-5.4
Interior Total	2,441	2,484	3,149	6,293	7,650	-17.7	128,973	138,154	-6.6
Western Total	6,732	6,758	8,406	17,257	20,418	-15.5	377,188	418,847	-9.9
East of Mississippi River	5,629	5,721	6,954	14,543	16,891	-13.9	295,996	312,649	-5.3
West of Mississippi River	7,168	7,213	9,010	18,384	21,885	-16.0	401,351	446,359	-10.1
Bituminous and Lignite	12,748	12,880	15,917	32,798	38,664	-15.2	694,979	757,082	-8.2
Anthracite	49	53	46	129	113	15.1	2,367	1,926	22.9
U.S. Total	12,797	12,934	15,963	32,928	38,777	-15.1	697,347	759,008	-8.1
Railroad Cars Loaded	70,388	70,831	87,906	180,891	214,859	-15.8	3,965,208	4,422,797	-10.3

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 3

OUTPUT FOR WEEK ENDED - Jan 18, 2020

Jan 22, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 18, 2020** was **74,738** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **163** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 18		52 Weeks Ended January 18	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,324	-7.2	116,784	-3.8
Mid-Atlantic	8,013	-11.1	427,024	-2.3
Central Industrial	12,935	-5.1	658,571	-3.1
West Central	6,340	2.0	329,799	-1.7
Southeast	17,526	-14.1	1,023,478	-1.3
South Central	13,009	-3.3	769,176	1.7
Rocky Mountain	5,773	4.9	284,293	0.9
Pacific Northwest	3,981	9.1	157,741	1.1
Pacific Southwest	4,837	-0.1	267,891	-3.1
Total United States	74,738	-5.6	4,034,756	-1.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
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 11	75,825	Jan 12	77,040	-1.6	Jan 11	4,039,228	-1.2
Jan 18	74,738	Jan 19	79,211	-5.6	Jan 18	4,034,756	-1.1
Jan 18	222,211	Jan 19	230,324	-3.5	YEAR TO DATE, FIRST 3 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Dec 28	163	Dec 29	172	Dec 30	218
Jan 04	158	Jan 05	176	Jan 06	210
Jan 11	163	Jan 12	177	Jan 13	175
Jan 18	163	Jan 19	184	Jan 20	191

* 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		
	18-Jan 2020 GWh Output	19-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018	18-Jan 2020 GWh Output	19-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018	18-Jan 2020 GWh Output	19-Jan 2019 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,324	2,505	-7.2%	6,898	7,247	-4.8%	116,784	121,336	-3.8%
Mid-Atlantic	8,013	9,013	-11.1%	24,136	25,627	-5.8%	427,024	437,052	-2.3%
Central Industrial	12,935	13,633	-5.1%	37,692	39,599	-4.8%	658,571	679,490	-3.1%
West Central	6,340	6,214	2.0%	18,720	18,791	-0.4%	329,799	335,650	-1.7%
Southeast	17,526	20,394	-14.1%	53,623	57,590	-6.9%	1,023,478	1,037,037	-1.3%
South Central	13,009	13,457	-3.3%	39,003	39,714	-1.8%	769,176	756,609	1.7%
Rocky Mountain	5,773	5,503	4.9%	16,962	16,557	2.4%	284,293	281,841	0.9%
Pacific Northwest	3,981	3,650	9.1%	10,910	10,672	2.2%	157,741	155,997	1.1%
Pacific Southwest	4,837	4,842	-0.1%	14,266	14,527	-1.8%	267,891	276,508	-3.1%
Total United States ^{1/}	<u>74,738</u>	<u>79,211</u>	-5.6%	<u>222,210</u>	<u>230,324</u>	<u>-3.5%</u>	<u>4,034,757</u>	<u>4,081,520</u>	-1.1%
Coal Regions Only ^{2/}	63,596	68,214	-6.8%	190,136	197,878	-3.9%	3,492,341	3,527,679	-1.0%

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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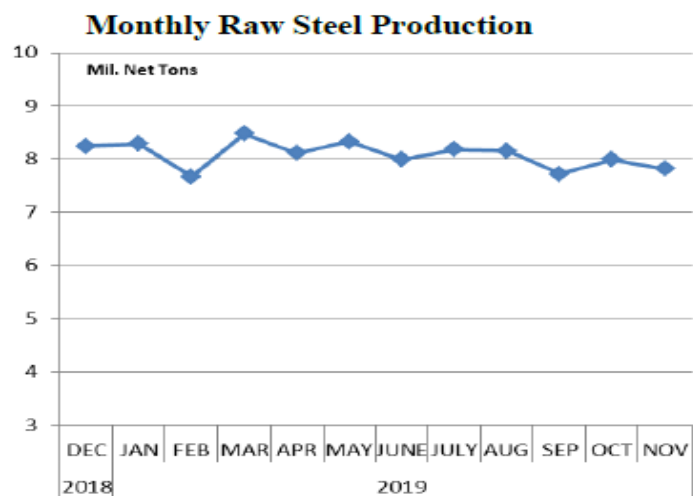
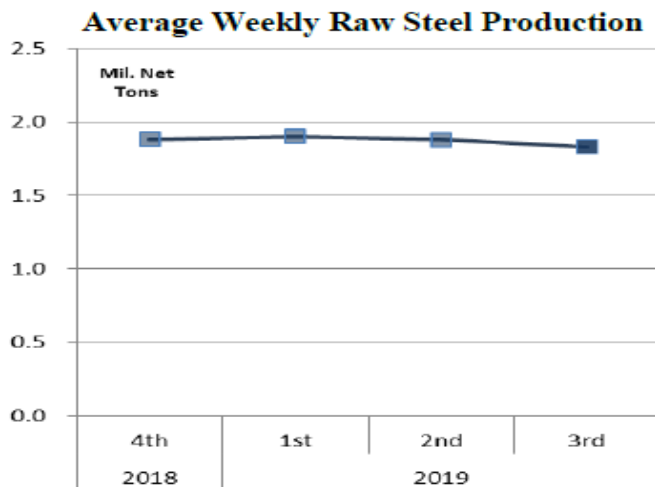
January 20, 2020

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 Jan 18</u>	<u>Week Ending Jan 11</u>	
<u>Week Ending</u>				North East	216	211
				Great Lakes	686	677
January 18, 2020	1,928	0.3	82.7	Midwest	208	214
January 18, 2019	1,871	3.0	80.4	Southern	730	721
January 11, 2020	1,923	1.3	82.5	Western	88	100
				Total	1,928	1,923
<u>Year-to-Date +</u>						
January 18, 2020	4,936	2.6	82.3			
January 18, 2019	4,812	-	80.4			

*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.

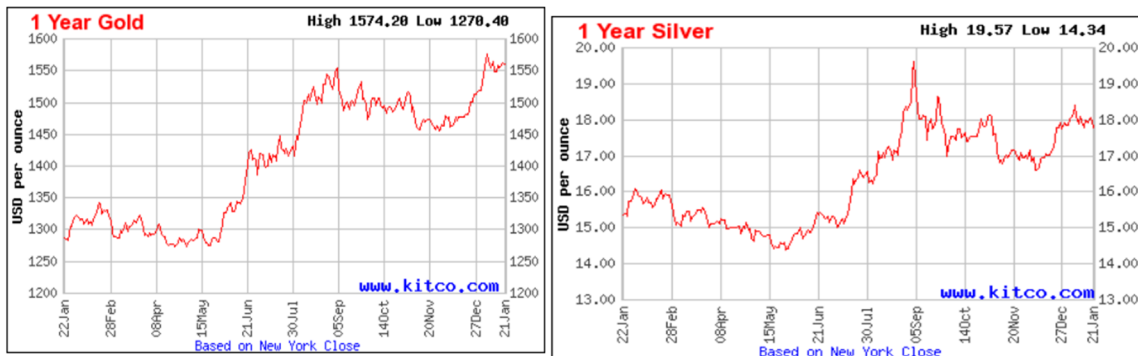
NOTE: Capacity for the first quarter 2020 is approximately 30.3 million net tons vs. 29.9 million net tons for the same period last year, and 30.4 million tons for the fourth quarter of 2019.



*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 3, 2020 – Ended January 18, 2020

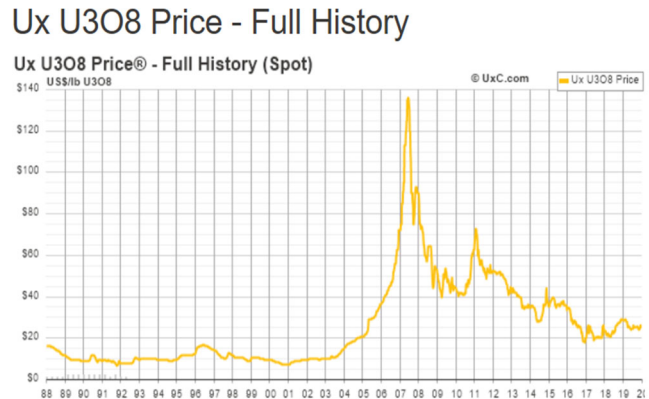
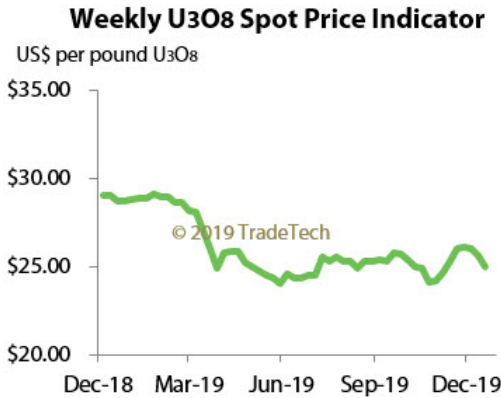
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	237,394	-8.4%	692,077	230,692	-7.4%
Chemicals	32,478	2.0%	97,248	32,416	2.7%
Coal	70,388	-20.0%	210,976	70,325	-14.2%
Farm Products excl. Grain, and Food	15,194	-1.0%	46,008	15,336	-1.9%
Forest Products	9,757	-8.7%	29,218	9,739	-4.1%
Grain	19,373	-15.8%	57,292	19,097	-16.0%
Metallic Ores and Metals	21,616	4.0%	63,407	21,136	-5.3%
Motor Vehicles and Parts	15,643	-4.7%	36,549	12,183	-11.3%
Nonmetallic Minerals	29,973	-0.1%	82,827	27,609	-4.2%
Petroleum and Petroleum Products	12,730	-7.1%	40,096	13,365	1.0%
Other	10,242	9.7%	28,456	9,485	7.4%
Total Intermodal Units	262,338	-7.7%	723,293	241,098	-8.1%
Total Traffic	499,732	-8.0%	1,415,370	471,790	-7.8%

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.

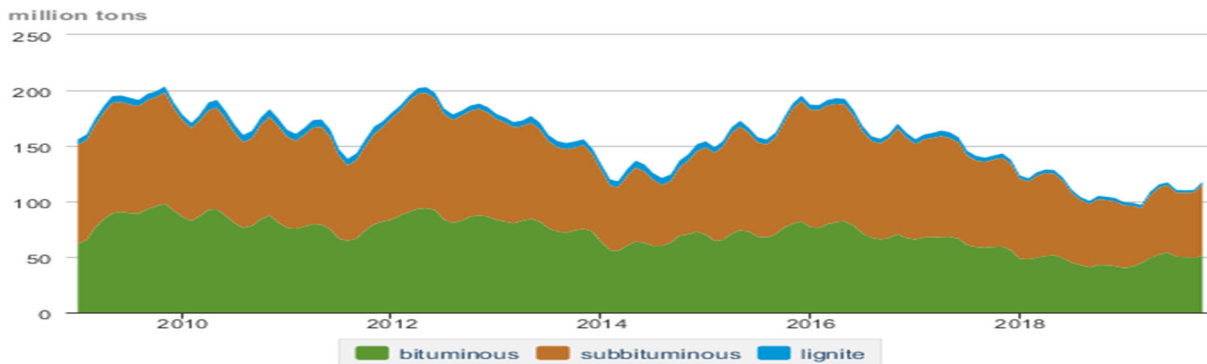
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - October 2019

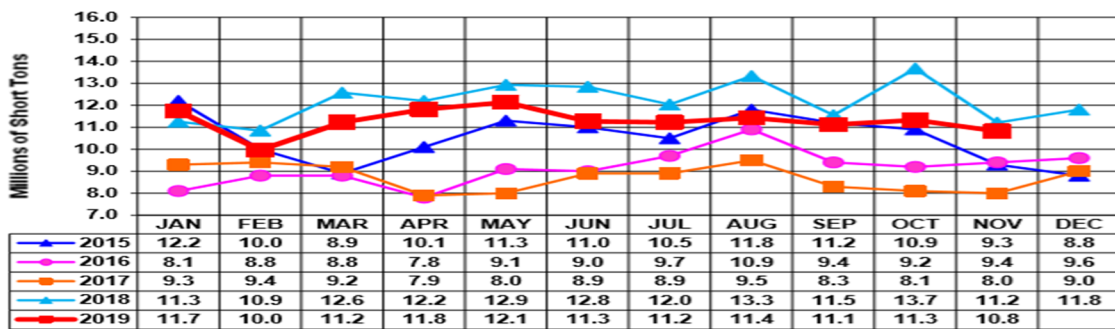


Source: U.S. Energy Information Administration

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.

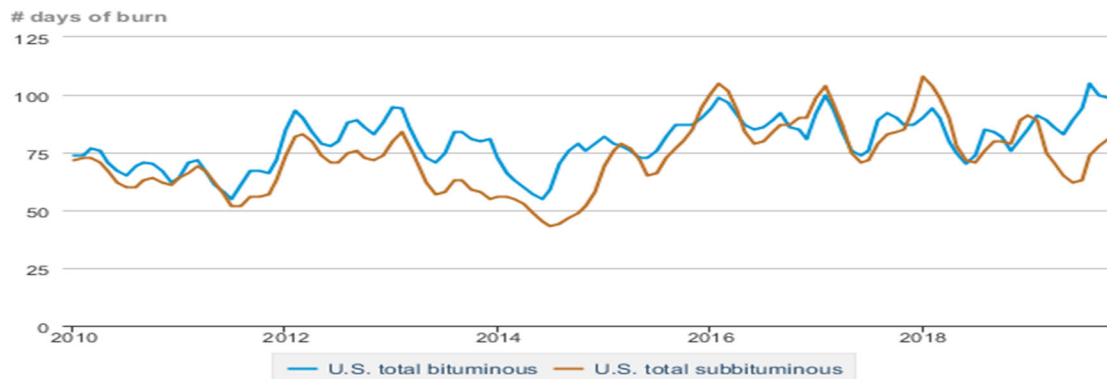
Source: Waterborne Commerce Statistics Center

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

	Week ending					Week ago
	12/20/19	12/27/19	01/03/20	01/10/20	01/17/20	change
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$60.30	\$60.30	\$60.65	\$57.40	\$57.40	\$0.00
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$50.75	\$50.75	\$52.30	\$54.00	\$54.00	\$0.00
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$34.20	\$34.20	\$34.50	\$34.20	\$34.20	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$11.80	\$11.80	\$11.75	\$11.75	\$11.75	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$30.50	\$31.45	\$31.30	\$31.30	\$31.30	\$0.00

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 Jan 02)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	199	-63	-3	0	0	0
Middle Atlantic	182	-68	3	0	0	0
E N Central	182	-103	-27	0	0	0
W N Central	222	-88	-70	0	0	0
South Atlantic	98	-79	4	14	7	-3
E S Central	96	-87	-1	1	0	1
W S Central	88	-49	-46	5	3	4
Mountain	244	8	-37	0	0	0
Pacific	128	3	-18	0	0	0
United States	160	-60	-22	3	2	0

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		% Change of Stocks	September 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,996	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

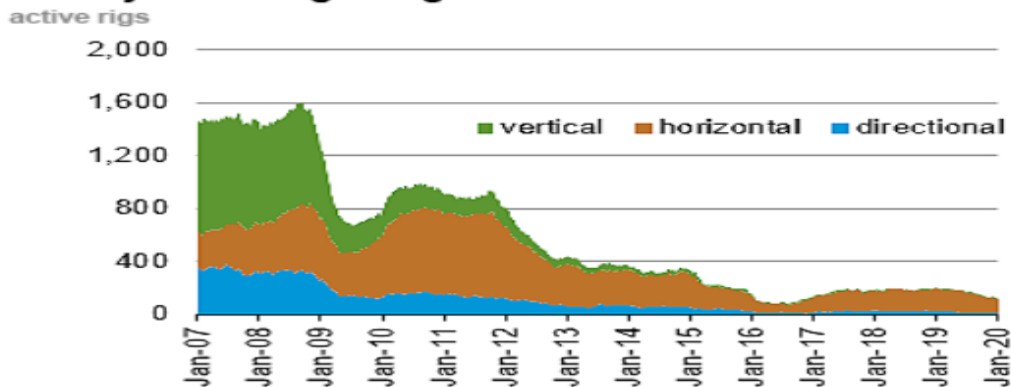
Region	Stocks billion cubic feet (Bcf)		
	2020-01-10	2020-01-03	change
East	716	756	-40
Midwest	851	885	-34
Mountain	161	166	-5
Pacific	235	244	-9
South Central	1,076	1,097	-21
Total	3,039	3,148	-109

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		
	January 2020	February 2020	change	January 2020	February 2020	change
Anadarko	627	647	20	4,305	4,412	107
Appalachia	164	166	2	18,761	18,752	(9)
Bakken	1,559	1,598	39	2,289	2,337	48
Eagle Ford	1,453	1,475	22	4,916	4,926	10
Haynesville	26	27	1	10,310	10,335	25
Niobrara	1,220	1,225	5	4,233	4,255	22
Permian	808	810	2	1,562	1,567	5
Rig-weighted average	840	848	8	4,093	4,142	49

Source: Energy Information Administration, *Drilling Productivity Report*