

National Mining Association

Weekly Statistical Summary

February 14, 2020 Edition
(Data for Week Ending February 8, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 6
Dated 02/14/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	02/08/20	02/09/19	% Chng	02/08/20	02/08/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,774	13,777	-14.5%	69,648	81,570	-14.6%
52 Weeks Ended	691,558	755,954	-8.5%			
AAR Coal Rail Cars Loaded:	64,996	75,864	-14.3%	383,443	450,509	-14.9%
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:	December 19/18	% Chng		Jan - Dec 19/18	% Chng	
Metallurgical	4,311	4,914	-12.3%	55,113	61,513	-10.4%
Steam Bit. *	2,113	3,995	-47.1%	37,392	53,831	-30.5%
Lignite	12	8	50.0%	98	86	14.0%
Anthracite	65	4	1525.0%	316	254	24.4%
Total	6,501	8,921	-27.1%	92,919	115,684	-19.7%
Imports:	515	898	-42.7%	6,697	5,954	12.5%
	Week Ended			Cumulative Week 1 to		
	02/08/20	02/09/19	% Chng	02/08/20	02/09/19	% Chng
EI Electric Total Output (Mil. Kwh)	75,127	76,185	-1.4%	453,332	472,772	-4.1%
EI Coal Region Output (Mil. Kwh)	64,436	64,891	-0.7%	389,641	407,375	-4.4%
AISI Raw Steel Output (000 Tons)	1,899	1,917	-0.9%	10,668	10,478	1.8%

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)	
	02/07/20	01/31/20	% Chng	Wed.	02/06/20
Central App, 12,500 Btu, 1.2 SO ₂	\$59.15	\$59.15	0.0%	Henry Hub	1.85
Northern App, 13,000 Btu, < 3.0 SO ₂	50.40	50.40	0.0%	New York	1.73
Illinois Basin, 11,800, 5.0 SO ₂	33.85	33.85	0.0%	Chicago	1.74
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.70	11.70	0.0%	Cal.Comp.Avg.	2.28
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.15	31.15	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
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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		
	2/8/2020 (week 6)	2/1/2020 (week 5)	2/9/2019 (week 6)	2/8/2020	2/8/2019	% Change	2/8/2020	2/9/2019	% Change
Alabama	254	276	293	1,517	1,737	-12.6	14,334	14,822	-3.3
Alaska	20	21	19	116	114	1.1	992	914	8.5
Arizona	.	.	115	.	683	-100.0	3,145	6,569	-52.1
Colorado	204	224	267	1,207	1,584	-23.8	12,100	14,186	-14.7
Illinois	827	871	999	4,893	5,914	-17.3	46,670	49,907	-6.5
Indiana	574	619	683	3,396	4,043	-16.0	32,178	34,991	-8.0
Kentucky Total	635	686	769	3,768	4,552	-17.2	36,056	39,829	-9.5
Eastern (KY)	233	250	300	1,379	1,774	-22.3	13,792	16,894	-18.4
Western (KY)	402	436	469	2,389	2,778	-14.0	22,264	22,935	-2.9
Louisiana	18	18	18	106	106	0.7	1,327	1,488	-10.8
Maryland	28	30	29	167	173	-3.4	1,449	1,305	11.0
Mississippi	42	43	46	250	271	-7.7	2,682	2,932	-8.5
Missouri	3	3	4	18	23	-22.4	191	253	-24.5
Montana	535	545	543	3,122	3,218	-3.0	34,132	37,866	-9.9
New Mexico	316	344	286	1,881	1,694	11.0	15,662	11,623	34.8
North Dakota	428	438	553	2,509	3,271	-23.3	25,433	29,633	-14.2
Ohio	139	144	149	823	882	-6.7	8,105	8,803	-7.9
Oklahoma	4	4	5	21	29	-28.0	250	688	-63.7
Pennsylvania Total	859	919	959	5,119	5,677	-9.8	48,119	50,427	-4.6
Anthracite (PA)	45	52	40	273	237	15.4	2,387	1,944	22.8
Bituminous (PA)	814	867	919	4,846	5,441	-10.9	45,731	48,483	-5.7
Tennessee	6	7	5	38	32	19.3	395	236	67.4
Texas	377	417	495	2,233	2,929	-23.8	22,037	25,116	-12.3
Utah	280	307	319	1,675	1,889	-11.3	14,462	13,922	3.9
Virginia	210	224	242	1,244	1,430	-13.0	12,255	12,980	-5.6
West Virginia Total	1,604	1,734	1,828	9,560	10,821	-11.7	91,467	96,111	-4.8
Northern (WV)	846	906	933	5,035	5,522	-8.8	46,451	46,796	-0.7
Southern (WV)	758	828	895	4,525	5,299	-14.6	45,017	49,315	-8.7
Wyoming	4,410	4,681	5,151	25,987	30,498	-14.8	268,119	301,353	-11.0
Appalachian Total	3,334	3,584	3,805	19,847	22,527	-11.9	189,916	201,578	-5.8
Interior Total	2,246	2,411	2,718	13,305	16,092	-17.3	127,599	138,310	-7.7
Western Total	6,194	6,560	7,254	36,497	42,952	-15.0	374,044	416,065	-10.1
East of Mississippi River	5,179	5,553	6,001	30,774	35,533	-13.4	293,709	312,343	-6.0
West of Mississippi River	6,595	7,001	7,775	38,875	46,038	-15.6	397,849	443,611	-10.3
Bituminous and Lignite	11,729	12,503	13,737	69,375	81,333	-14.7	689,171	754,010	-8.6
Anthracite	45	52	40	273	237	15.4	2,387	1,944	22.8
U.S. Total	11,774	12,554	13,777	69,648	81,570	-14.6	691,558	755,954	-8.5
Railroad Cars Loaded	64,996	69,261	75,864	383,443	450,509	-14.9	3,933,673	4,395,063	-10.5

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 6

OUTPUT FOR WEEK ENDED - Feb 08, 2020

Feb 12, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Feb 08, 2020** was **75,127** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **169** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended February 08		52 Weeks Ended February 08	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,281	-0.8	116,253	-4.3
Mid-Atlantic	7,977	-2.9	424,627	-3.1
Central Industrial	12,825	-3.3	655,175	-3.8
West Central	6,234	-6.9	328,207	-2.5
Southeast	18,119	0.8	1,020,686	-1.7
South Central	13,581	1.8	768,813	1.3
Rocky Mountain	5,700	5.4	284,840	0.8
Pacific Northwest	3,559	-12.9	156,876	0.0
Pacific Southwest	4,851	-1.1	267,953	-3.0
Total United States	75,127	-1.4	4,023,430	-1.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Jan 18	74,738	Jan 19	79,211	-5.6	Jan 18	4,034,756	-1.1
Jan 25	80,176	Jan 26	83,273	-3.7	Jan 25	4,031,659	-1.4
Feb 01	75,819	Feb 02	82,990	-8.6	Feb 01	4,024,487	-1.7
Feb 08	75,127	Feb 09	76,185	-1.4	Feb 08	4,023,430	-1.6
Feb 08	453,332	Feb 09	472,772	-4.1	YEAR TO DATE, FIRST 6 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Jan 18	163	Jan 19	184	Jan 20	191
Jan 25	157	Jan 26	200	Jan 27	168
Feb 01	171	Feb 02	182	Feb 03	162
Feb 08	169	Feb 09	165	Feb 10	165

* 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		
	8-Feb 2020 GWh Output	9-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018	8-Feb 2020 GWh Output	9-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018	8-Feb 2020 GWh Output	9-Feb 2019 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,281	2,299	-0.8%	13,859	14,739	-6.0%	116,253	121,438	-4.3%
Mid-Atlantic	7,977	8,218	-2.9%	48,977	52,865	-7.4%	424,627	438,180	-3.1%
Central Industrial	12,825	13,261	-3.3%	76,962	82,264	-6.4%	655,175	681,385	-3.8%
West Central	6,234	6,697	-6.9%	37,967	39,630	-4.2%	328,207	336,760	-2.5%
Southeast	18,119	17,967	0.8%	112,339	119,097	-5.7%	1,020,686	1,038,714	-1.7%
South Central	13,581	13,338	1.8%	79,583	80,658	-1.3%	768,813	758,605	1.3%
Rocky Mountain	5,700	5,410	5.4%	33,813	32,861	2.9%	284,840	282,602	0.8%
Pacific Northwest	3,559	4,088	-12.9%	21,206	21,834	-2.9%	156,876	156,904	0.0%
Pacific Southwest	4,851	4,907	-1.1%	28,626	28,824	-0.7%	267,953	276,115	-3.0%
Total United States ^{1/}	<u>75,127</u>	<u>76,185</u>	-1.4%	<u>453,332</u>	<u>472,772</u>	<u>-4.1%</u>	4,023,430	4,090,703	-1.6%
Coal Regions Only ^{2/}	64,436	64,891	-0.7%	389,641	407,375	-4.4%	3,482,348	3,536,246	-1.5%

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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February 10, 2020

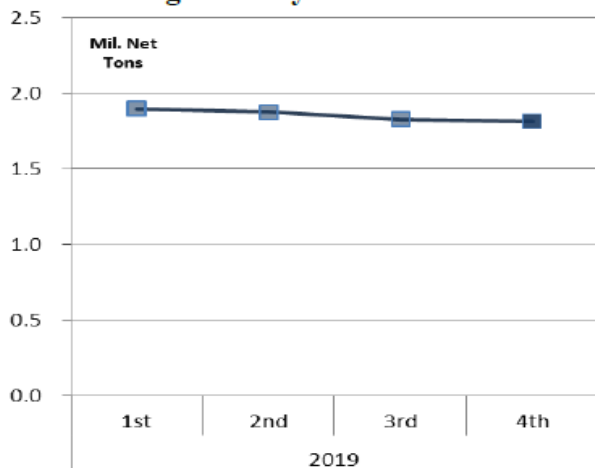
ESTIMATED WEEKLY RAW STEEL* PRODUCTION

<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>Feb 8</u>	<u>Feb 1</u>	
<u>Week Ending</u>				North East	231	230
				Great Lakes	689	680
February 8, 2020	1,899	-0.8	81.4	Midwest	201	204
February 8, 2019	1,917	-0.9	82.4	Southern	703	714
February 1, 2020	1,914	-0.3	82.1	Western	75	86
				Total	1,899	1,914
<u>Year-to-Date +</u>						
February 8, 2020	10,668	1.8	82.1			
February 8, 2019	10,478	-	81.3			

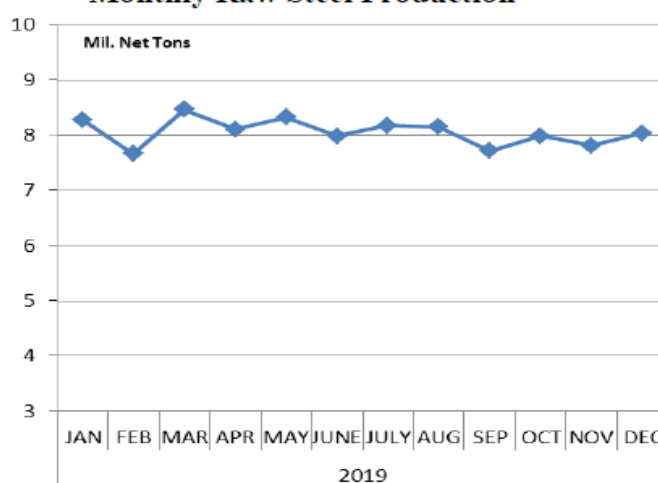
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

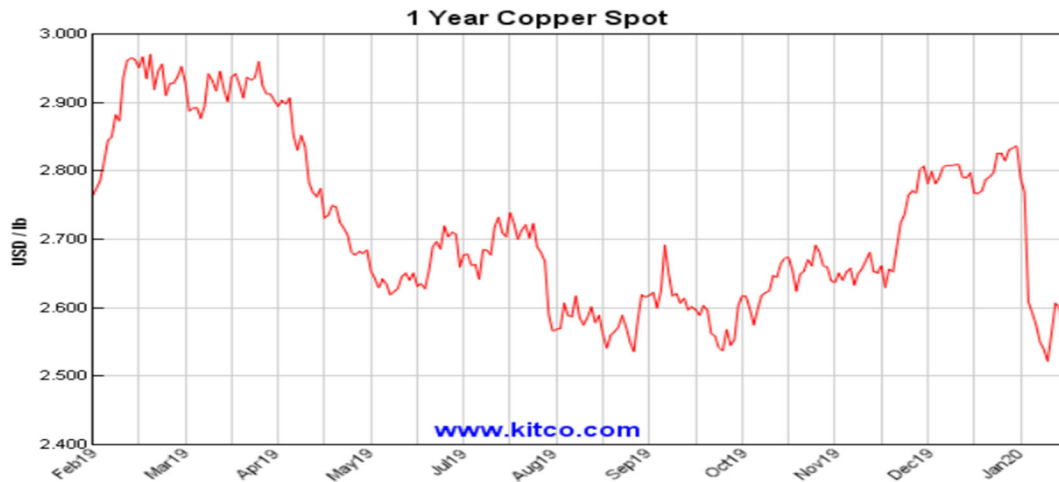
NOTE: Capacity for the first quarter 2020 is approximately 30.3 million net tons vs. 29.9 million net tons for the same period last year, and 30.4 million tons for the fourth quarter of 2019.

Average Weekly Raw Steel Production



Monthly Raw Steel Production





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



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

U.S. Rail Traffic¹

Week 6, 2020 – Ended February 8, 2020

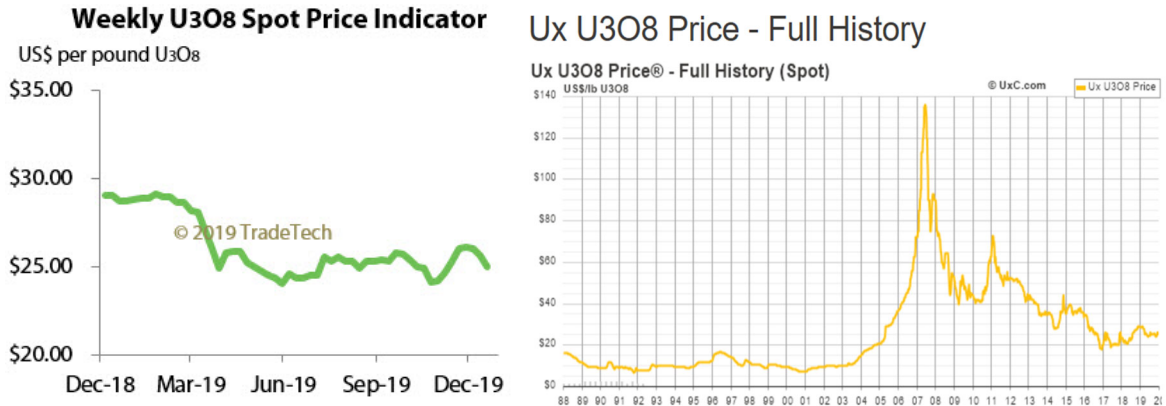
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	232,116	-4.2%	1,397,849	232,975	-5.6%
Chemicals	32,670	2.8%	194,237	32,373	2.2%
Coal	64,996	-14.1%	413,528	68,921	-13.9%
Farm Products excl. Grain, and Food	16,256	8.0%	94,533	15,756	2.1%
Forest Products	9,725	-0.5%	58,795	9,799	-3.4%
Grain	20,888	0.6%	119,061	19,844	-9.7%
Metallic Ores and Metals	19,181	-2.6%	126,097	21,016	0.5%
Motor Vehicles and Parts	16,376	-4.1%	84,316	14,053	-5.6%
Nonmetallic Minerals	28,354	-9.0%	169,131	28,189	-4.6%
Petroleum and Petroleum Products	12,770	0.2%	79,784	13,297	0.9%
Other	10,900	28.3%	58,367	9,728	7.4%
Total Intermodal Units	253,213	-8.8%	1,498,293	249,716	-6.0%
Total Traffic	485,329	-6.6%	2,896,142	482,690	-5.8%

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.

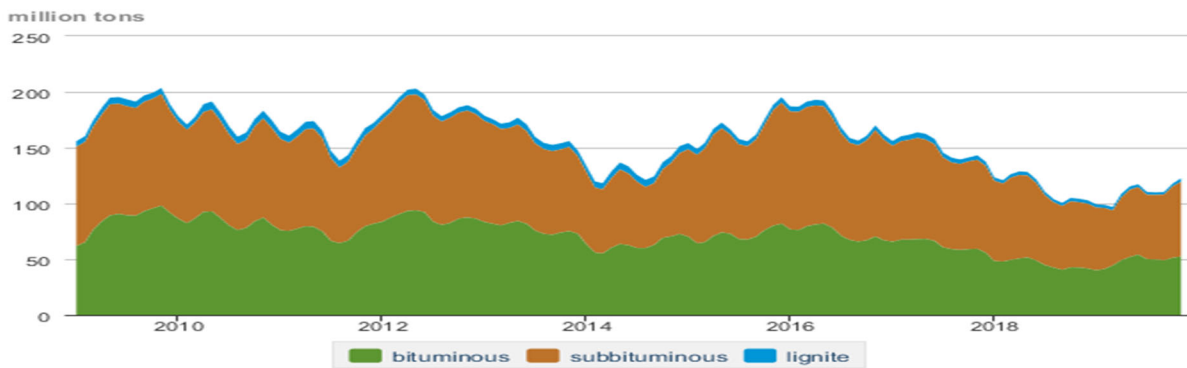
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - November 2019

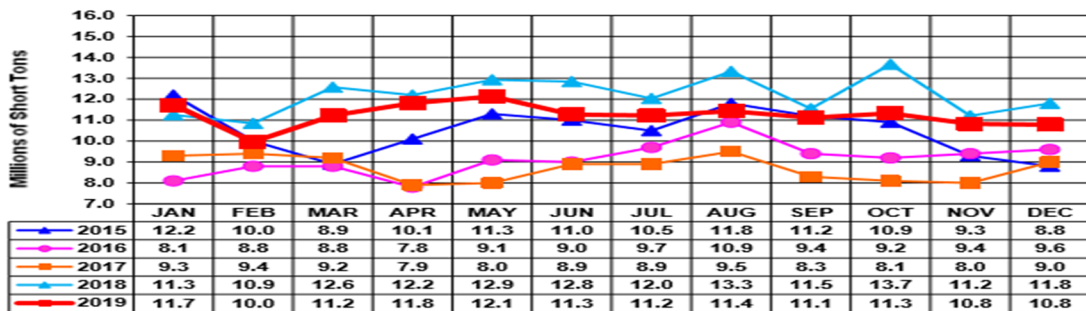


Source: U.S. Energy Information Administration

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.

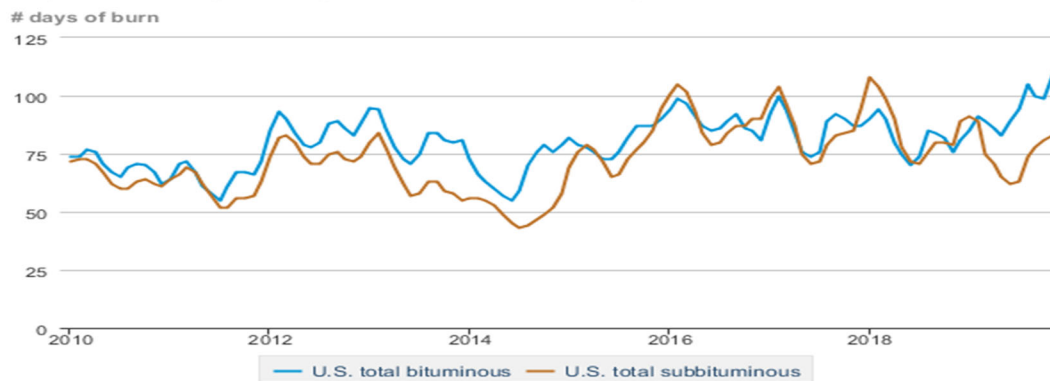
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	01/10/20	01/17/20	01/24/20	01/31/20	02/07/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$57.40	\$57.40	\$57.40	\$59.15	\$59.15	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$54.00	\$54.00	\$54.00	\$50.40	\$50.40	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.20	\$34.20	\$34.20	\$33.85	\$33.85	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.75	\$11.70	\$11.70	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$31.30	\$31.30	\$31.30	\$31.15	\$31.15	\$0.00

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

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



Source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Jan 30)					
	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	210	-65	-37	0	0	0
Middle Atlantic	211	-52	-49	0	0	0
E N Central	229	-64	-146	0	0	0
W N Central	258	-51	-122	0	0	0
South Atlantic	152	-27	-33	4	-4	3
E S Central	157	-27	-52	0	-1	0
W S Central	107	-27	-40	0	-4	0
Mountain	189	-36	-28	0	-1	0
Pacific	93	-21	16	0	-1	0
United States	179	-43	-63	1	-1	1

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

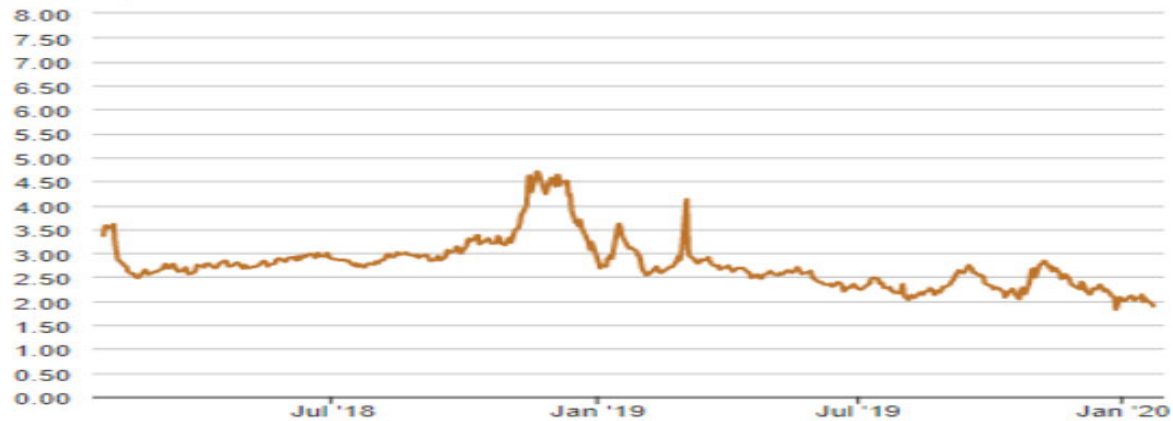
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2019 Year to Date - 3rd Quarter	2018 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	628.0	624.0	1%
Cement (Mil. Mt.)	66.0	64.5	2%
Copper (000 Mt.)	958.0	912.0	5%
Gold (Mt.)	149.0	165.0	-10%
Gypsum (Mil. Mt.)	13.1	12.8	2%
Iron Ore (Mil. Mt.)	35.6	36.4	-2%
Lead (000 Mt.)	207.0	199.0	4%
Molybdenum (000 Mt.)	31.6	30.7	3%
Phosphate rock (Mil. Mt.)	17.5	20.2	-13%
Sand & gravel, construction (Mil. Mt.)	727.0	704.0	3%
Silver (Mt.)	786.0	678.0	16%
Soda ash (Mil. Mt.)	8.7	8.8	-1%
Stone, crushed (Mil. Mt.)	1,140.0	1,060.0	8%
Zinc (000 Mt.)	565.0	594.0	-5%

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	November 2019		November 2018		% Change of Stocks	October 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,018	201	3,307	105	21.5%	3,996	193	0.6%
	Subbituminous	162	144	146	102	10.9%	162	158	0.0%
South	Bituminous	22,797	112	19,193	77	18.8%	22,467	106	1.5%
	Subbituminous	5,709	67	4,613	53	23.8%	5,236	64	9.0%
Midwest	Bituminous	11,527	86	8,782	66	31.3%	11,138	85	3.5%
	Subbituminous	25,709	99	28,005	95	-8.2%	25,039	97	2.7%
West	Bituminous	3,184	116	3,915	83	-18.7%	3,223	66	-1.2%
	Subbituminous	22,412	72	19,293	69	16.2%	21,285	71	5.3%
U.S. Total	Bituminous	41,526	109	35,197	76	18.0%	40,823	99	1.7%
	Subbituminous	53,991	83	52,057	79	3.7%	51,721	81	4.4%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

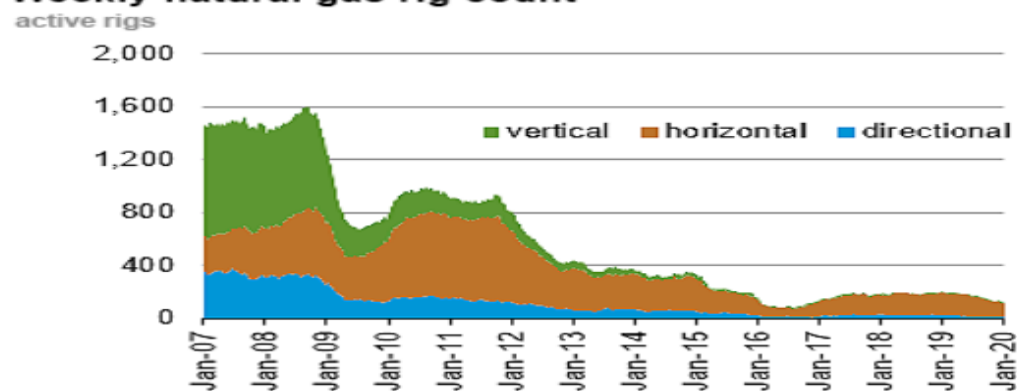
Region	Stocks billion cubic feet (Bcf)		
	2020-01-31	2020-01-24	change
East	598	638	-40
Midwest	725	761	-36
Mountain	136	143	-7
Pacific	210	210	0
South Central	941	995	-54
Total	2,609	2,746	-137

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*