

National Mining Association

Weekly Statistical Summary

May 22, 2020 Edition
(Data for Week Ending May 16, 2020)

Prepared by
National Mining Association



Suite 500 East, 101 Constitution Avenue, NW
Washington, DC, 20001
Phone (202) 463-2600
Visit us at <http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 58, No. 20
Dated 05/22/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/16/20	05/18/19	% Chng	05/16/20	05/16/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,166	14,742	-44.6%	206,827	273,834	-24.5%
52 Weeks Ended	634,124	751,115	-15.6%			
AAR Coal Rail Cars Loaded:	45,756	84,256	-45.7%	1,148,057	1,528,929	-24.9%
Coal Production Month Ended - Apr.	April 20/19		% Chng	Jan - Apr 20/19		% Chng
	38,282	61,007	-37.2%	188,074	240,544	-21.8%
DOC Coal Trade (000 Tons)						
Exports:	March 20/19			Jan - Mar 20/19		
			% Chng			% Chng
Metallurgical	4,282	5,489	-22.0%	11,668	13,864	-15.8%
Steam Bit. *	2,590	3,720	-30.4%	8,255	11,278	-26.8%
Lignite	8	7	14.3%	27	22	22.7%
Anthracite	37	6	516.7%	43	61	-29.5%
Total	6,917	9,222	-25.0%	19,993	25,225	-20.7%
Imports:	461	706	-34.7%	1,339	1,689	-20.7%
	Week Ended			Cumulative Week 1 to		
	05/16/20	05/18/19	% Chng	05/16/20	05/18/19	% Chng
EEl Electric Total Output (Mil. Kwh)	66,055	70,927	-6.9%	1,414,098	1,478,240	-4.3%
EEl Coal Region Output (Mil. Kwh)	57,147	61,622	-7.3%	1,216,189	1,272,899	-4.5%
AISI Raw Steel Output (000 Tons)	1,181	1,880	-37.2%	32,040	37,098	-13.6%

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)	
	05/15/20	05/08/20	% Chng	Wed.	05/13/20
Central App, 12,500 Btu, 1.2 SO ₂	\$54.65	\$54.65	0.0%	Henry Hub	1.56
Northern App, 13,000 Btu, < 3.0 SO ₂	42.05	42.05	0.0%	New York	1.26
Illinois Basin, 11,800, 5.0 SO ₂	32.05	32.05	0.0%	Chicago	1.54
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.50	11.50	0.0%	Cal.Comp.Avg.	1.83
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.85	29.85	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		
	5/16/2020 (week 20)	5/9/2020 (week 19)	5/18/2019 (week 20)	5/16/2020	5/16/2019	% Change	5/16/2020	5/18/2019	% Change
Alabama	167	181	323	4,448	5,887	-24.4	12,600	14,980	-15.9
Alaska	12	12	20	331	381	-13.1	919	955	-3.8
Arizona	.	.	145	.	2,429	-100.0	1,372	6,603	-79.2
Colorado	128	138	233	3,488	4,975	-29.9	10,952	13,800	-20.6
Illinois	520	542	976	14,071	19,263	-27.0	40,079	50,007	-19.9
Indiana	361	361	681	9,707	13,252	-26.8	28,162	35,063	-19.7
Kentucky Total	416	416	782	10,927	15,021	-27.3	31,670	39,487	-19.8
Eastern (KY)	148	146	308	3,957	5,875	-32.7	11,605	16,263	-28.6
Western (KY)	268	270	474	6,970	9,146	-23.8	20,065	23,224	-13.6
Louisiana	17	19	31	355	432	-17.8	1,323	1,457	-9.2
Maryland	20	21	31	504	577	-12.7	1,397	1,351	3.4
Mississippi	33	33	64	772	1,007	-23.4	2,443	2,920	-16.3
Missouri	2	2	4	51	76	-33.2	163	237	-31.2
Montana	388	431	697	9,538	11,538	-17.3	32,272	36,503	-11.6
New Mexico	210	224	328	5,511	5,825	-5.4	14,336	13,769	4.1
North Dakota	291	287	490	7,453	10,336	-27.9	23,976	28,957	-17.2
Ohio	98	92	196	2,428	3,193	-24.0	6,959	8,904	-21.8
Oklahoma	2	2	5	60	94	-36.2	192	548	-65.0
Pennsylvania Total	616	597	1,121	15,267	19,664	-22.4	45,290	50,764	-10.8
Anthracite (PA)	36	38	55	840	875	-3.9	2,543	2,096	21.3
Bituminous (PA)	580	560	1,065	14,427	18,790	-23.2	42,747	48,668	-12.2
Tennessee	6	7	9	128	128	0.6	434	269	61.3
Texas	246	272	420	6,562	9,131	-28.1	20,621	24,589	-16.1
Utah	186	179	323	4,850	6,222	-22.0	12,955	14,670	-11.7
Virginia	148	154	260	3,723	4,813	-22.6	11,285	12,869	-12.3
West Virginia Total	1,124	1,145	2,069	28,400	37,052	-23.4	83,647	96,446	-13.3
Northern (WV)	588	579	1,045	14,851	18,839	-21.2	42,803	47,911	-10.7
Southern (WV)	536	566	1,024	13,549	18,213	-25.6	40,844	48,535	-15.8
Wyoming	3,174	3,184	5,536	78,254	102,536	-23.7	251,076	295,965	-15.2
Appalachian Total	2,327	2,343	4,316	58,855	77,189	-23.8	173,217	201,848	-14.2
Interior Total	1,449	1,500	2,655	38,547	52,401	-26.4	113,049	138,046	-18.1
Western Total	4,390	4,456	7,771	109,425	144,244	-24.1	347,858	411,221	-15.4
East of Mississippi River	3,509	3,548	6,512	90,375	119,858	-24.6	263,967	313,062	-15.7
West of Mississippi River	4,656	4,751	8,231	116,452	153,976	-24.4	370,157	438,053	-15.5
Bituminous and Lignite	8,130	8,261	14,687	205,987	272,959	-24.5	631,581	749,019	-15.7
Anthracite	36	38	55	840	875	-3.9	2,543	2,096	21.3
U.S. Total	8,166	8,299	14,742	206,827	273,834	-24.5	634,124	751,115	-15.6
Railroad Cars Loaded	45,756	46,515	84,256	1,148,057	1,528,929	-24.9	3,606,145	4,334,281	-16.8

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 20

OUTPUT FOR WEEK ENDED - May 16, 2020

May 20, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 16, 2020** was **66,055** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **165** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 16		52 Weeks Ended May 16	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,758	-8.9	114,438	-5.6
Mid-Atlantic	6,520	-7.0	417,839	-4.3
Central Industrial	10,301	-8.9	641,780	-5.5
West Central	5,262	-9.3	322,995	-4.1
Southeast	16,898	-9.9	1,006,326	-3.3
South Central	13,398	-3.9	769,380	1.4
Rocky Mountain	4,768	-0.7	285,050	0.6
Pacific Northwest	2,584	-1.1	155,654	-1.1
Pacific Southwest	4,566	-4.2	265,265	-3.3
Total United States	66,055	-6.9	3,978,727	-2.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Apr 25	64,689	Apr 27	67,566	-4.3	Apr 25	3,993,675	-2.5
May 02	64,307	May 04	70,338	-8.6	May 02	3,987,644	-2.7
May 09	65,654	May 11	69,699	-5.8	May 09	3,983,599	-2.7
May 16	66,055	May 18	70,927	-6.9	May 16	3,978,727	-2.7
May 16	1,414,098	May 18	1,478,240	-4.3	YEAR TO DATE, FIRST 20 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Apr 25	170	Apr 27	184	Apr 28	179
May 02	167	May 04	190	May 05	187
May 09	167	May 11	184	May 12	189
May 16	165	May 18	184	May 19	195

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

Copyright © 2020 Edison Electric Institute. All rights reserved.

**EEl WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week
New England	1,758	1,929	-8.9%	41,634	44,331	-6.1%	114,438	121,190	-5.6%
Mid-Atlantic	6,520	7,015	-7.1%	147,585	158,262	-6.7%	417,839	436,723	-4.3%
Central Industrial	10,301	11,310	-8.9%	235,087	253,782	-7.4%	641,780	679,196	-5.5%
West Central	5,262	5,802	-9.3%	115,948	122,824	-5.6%	322,995	336,848	-4.1%
Southeast	16,898	18,758	-9.9%	353,828	374,945	-5.6%	1,006,326	1,040,429	-3.3%
South Central	13,398	13,935	-3.9%	263,441	263,947	-0.2%	769,380	759,089	1.4%
Rocky Mountain	4,768	4,802	-0.7%	100,300	99,139	1.2%	285,050	283,249	0.6%
Pacific Northwest	2,584	2,612	-1.1%	64,279	66,127	-2.8%	155,654	157,387	-1.1%
Pacific Southwest	4,566	4,764	-4.2%	91,997	94,884	-3.0%	265,265	274,413	-3.3%
Total United States ^{1/}	66,055	70,927	-6.9%	1,414,099	1,478,241	-4.3%	3,978,727	4,088,524	-2.7%
Coal Regions Only ^{2/}	57,147	61,622	-7.3%	1,216,189	1,272,899	-4.5%	3,443,370	3,535,534	-2.6%

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*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

May 18, 2020

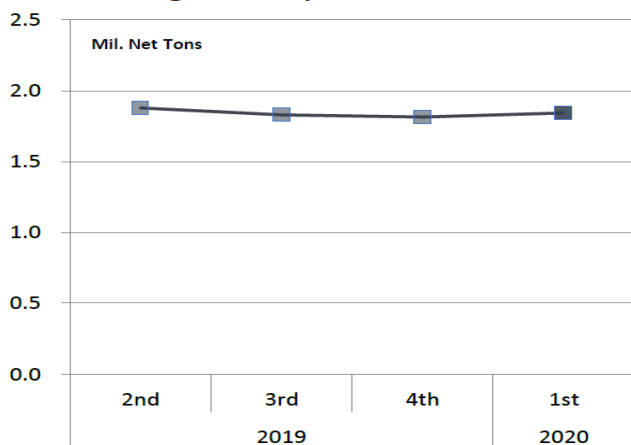
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 16</u>	<u>May 9</u>	
<u>Week Ending</u>				North East	91	94
				Great Lakes	399	398
May 16, 2020	1,181	-1.9	52.7	Midwest	124	122
May 16, 2019	1,880	-37.2	80.8	Southern	507	525
May 9, 2020	1,204	5.2	53.7	Western	60	65
				Total	1,181	1,204
<u>Year-to-Date +</u>						
May 16, 2020	32,040	-13.6	71.2			
May 16, 2019	37,098	-	81.4			

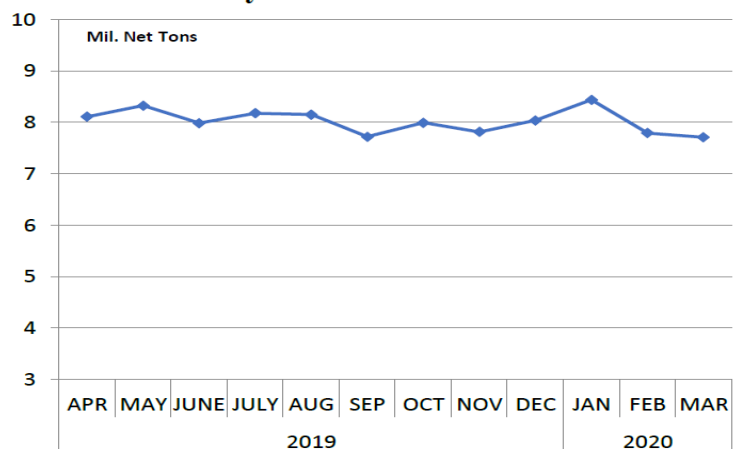
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2020 is approximately 29.1 million net tons vs. 30.3 million net tons for the same period last year, and 30.1 million tons for the first quarter of 2020.

Average Weekly Raw Steel Production



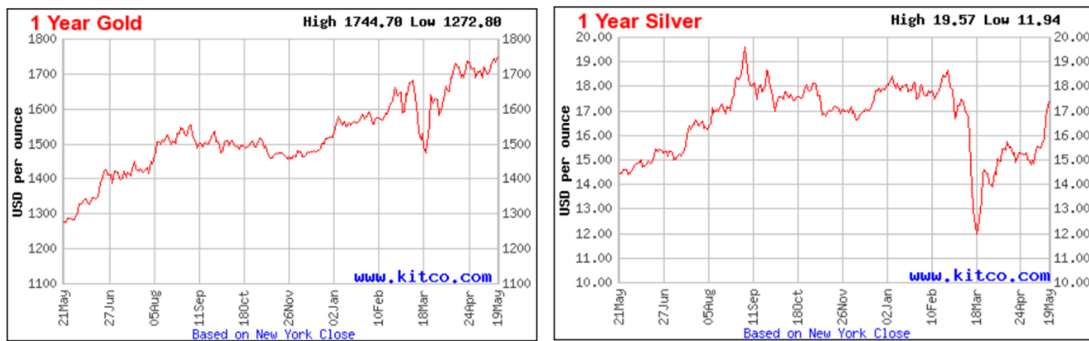
Monthly Raw Steel Production



*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 20, 2020 – Ended May 16, 2020

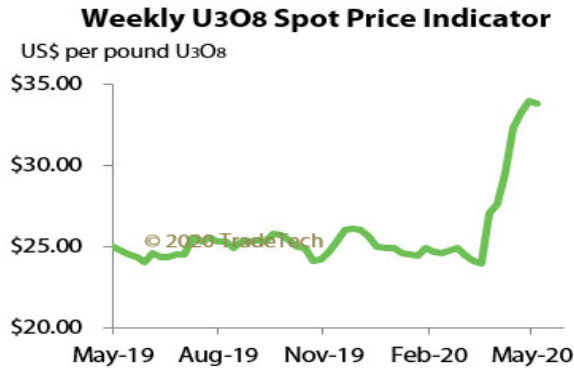
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	184,415	-30.2%	4,343,145	217,157	-13.6%
Chemicals	28,377	-15.7%	630,904	31,545	-2.4%
Coal	45,756	-44.0%	1,178,142	58,907	-25.0%
Farm Products excl. Grain, and Food	14,002	-11.5%	304,890	15,245	-2.4%
Forest Products	8,908	-10.8%	189,425	9,471	-5.2%
Grain	20,790	-10.4%	411,529	20,576	-6.6%
Metallic Ores and Metals	14,101	-39.6%	386,553	19,328	-10.7%
Motor Vehicles and Parts	2,865	-83.3%	213,116	10,656	-35.2%
Nonmetallic Minerals	31,092	-15.6%	598,096	29,905	-9.1%
Petroleum and Petroleum Products	9,787	-25.7%	238,826	11,941	-5.8%
Other	8,737	-7.6%	191,664	9,583	2.8%
Total Intermodal Units	231,700	-14.0%	4,732,813	236,641	-11.4%
Total Traffic	416,115	-22.0%	9,075,958	453,798	-12.5%

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.

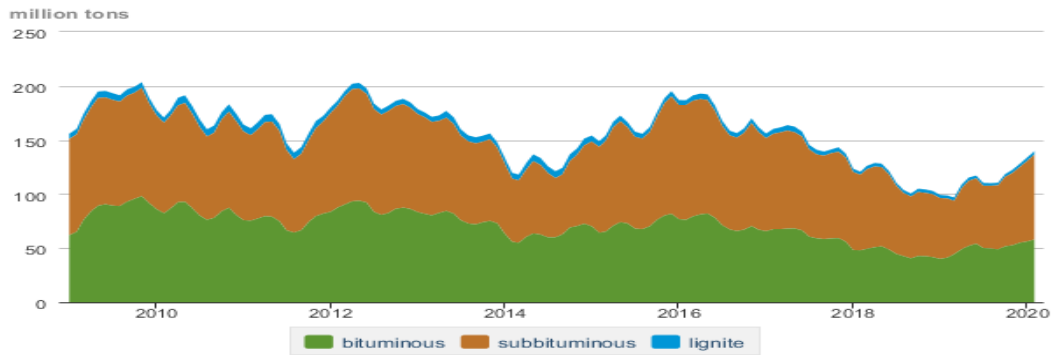
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - February 2020

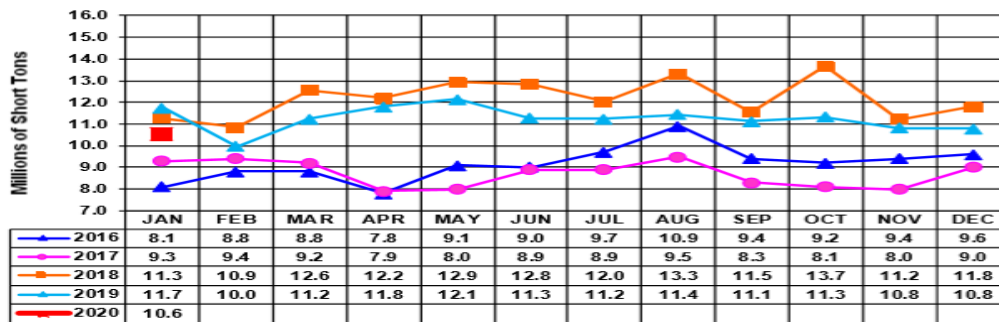


Source: U.S. Energy Information Administration

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

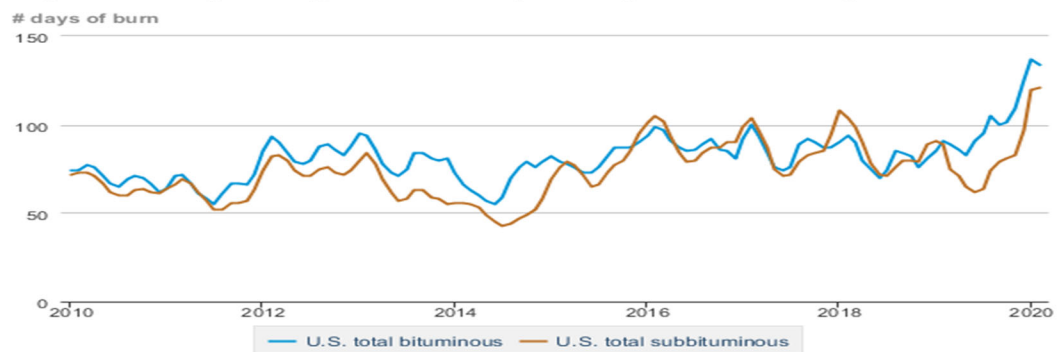
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/17/20	04/24/20	05/01/20	05/08/20	05/15/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$55.20	\$55.20	\$54.65	\$54.65	\$54.65	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.80	\$46.80	\$42.05	\$42.05	\$42.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.30	\$33.30	\$32.05	\$32.05	\$32.05	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.55	\$11.55	\$11.50	\$11.50	\$11.50	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.60	\$30.60	\$29.85	\$29.85	\$29.85	\$0.00

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 2010 - February 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending May 07)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	76	-12	-6	0	0	0
Middle Atlantic	73	1	23	0	-1	0
E N Central	88	11	17	0	-3	0
W N Central	69	2	-10	3	-3	3
South Atlantic	39	8	36	28	2	-28
E S Central	34	7	26	20	3	-17
W S Central	5	-4	0	60	20	14
Mountain	51	-29	-22	26	13	14
Pacific	20	-29	-20	7	1	7
United States	53	-4	6	16	2	-3

Note: HDD = heating degree day; CDD = cooling degree day

Source: National Oceanic and Atmospheric Administration

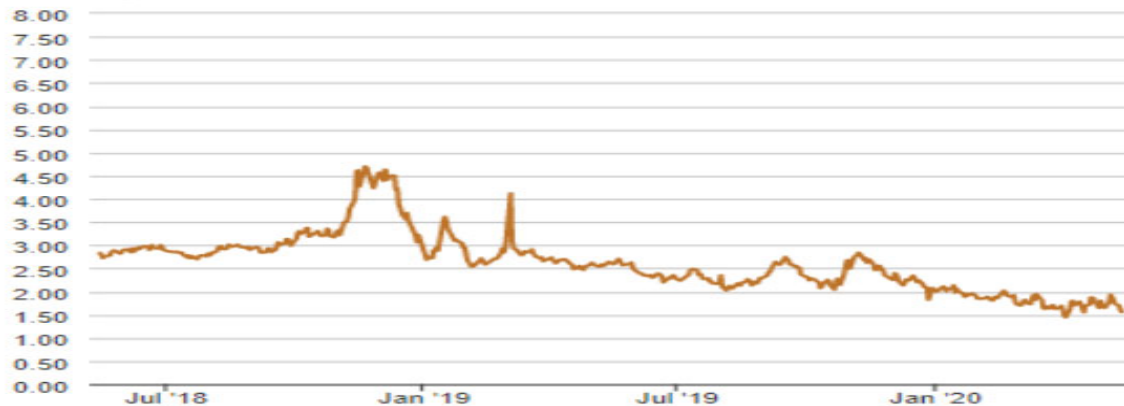
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2019 Year to Date - 4th Quarter	2018 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	838.0	829.0	1%
Cement (Mil. Mt.)	87.3	85.0	3%
Copper (000 Mt.)	1,280.0	1,220.0	5%
Gold (Mt.)	201.0	226.0	-11%
Gypsum (Mil. Mt.)	17.5	17.3	1%
Iron Ore (Mil. Mt.)	46.8	49.5	-5%
Lead (000 Mt.)	266.0	271.0	-2%
Molybdenum (000 Mt.)	43.5	41.4	5%
Phosphate rock (Mil. Mt.)	23.3	25.7	-9%
Sand & gravel, construction (Mil. Mt.)	960.0	937.0	2%
Silver (Mt.)	971.0	934.0	4%
Soda ash (Mil. Mt.)	11.7	11.9	-2%
Stone, crushed (Mil. Mt.)	1,510.0	1,420.0	6%
Zinc (000 Mt.)	730.0	799.0	-9%

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	February 2020		February 2019			January 2020		
		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	4,523	326	3,030	145	49.3%	4,450	335	1.6%
	Subbituminous	162	284	139	266	16.1%	162	307	0.0%
South	Bituminous	23,843	127	18,564	95	28.4%	23,563	136	1.2%
	Subbituminous	6,630	95	4,205	65	57.7%	7,582	112	-12.6%
Midwest	Bituminous	13,311	123	7,105	68	87.3%	12,363	113	7.7%
	Subbituminous	26,381	127	19,079	93	38.3%	25,470	124	3.6%
West	Bituminous	3,397	164	3,349	96	1.4%	3,212	160	5.7%
	Subbituminous	29,080	122	19,465	92	49.4%	27,020	117	7.6%
U.S. Total	Bituminous	45,074	134	32,048	91	40.6%	43,589	137	3.4%
	Subbituminous	62,252	121	42,889	89	45.1%	60,234	120	3.4%

Source: Energy Information Administration, *Electricity Monthly Update*

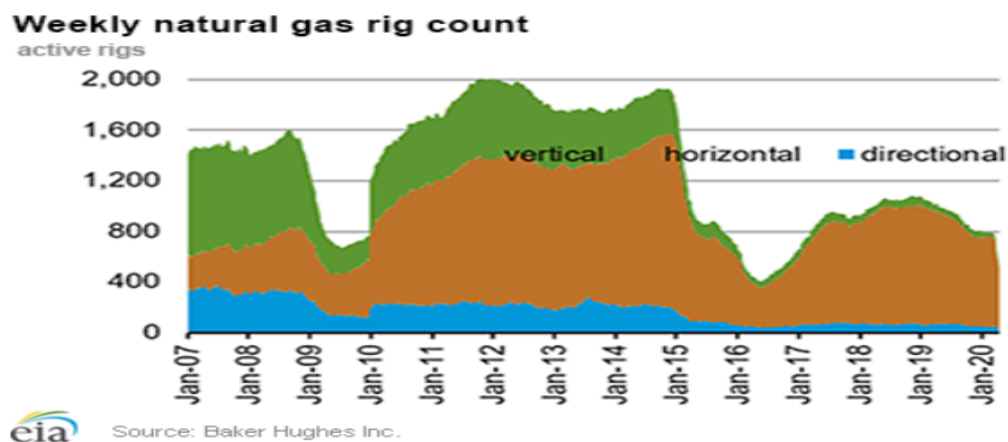
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-05-08	2020-05-01	change
East	452	424	28
Midwest	554	530	24
Mountain	117	111	6
Pacific	240	228	12
South Central	1,059	1,027	32
Total	2,422	2,319	103

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

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

EIA Natural Gas Rig Count



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		
	May 2020	June 2020	change	May 2020	June 2020	change
Anadarko	551	717	166	3,256	4,233	977
Appalachia	145	146	1	19,631	19,828	197
Bakken	1,109	1,309	200	1,830	2,159	329
Eagle Ford	1,288	1,519	231	4,441	5,240	799
Haynesville	23	24	1	10,976	11,196	220
Niobrara	1,213	1,274	61	4,283	4,497	214
Permian	717	795	78	1,428	1,585	157
Rig-weighted average	745	809	64	3,867	4,524	657

Source: Energy Information Administration, *Drilling Productivity Report*