

National Mining Association

Weekly Statistical Summary

May 8, 2020 Edition
(Data for Week Ending May 2, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 18
Dated 05/08/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/02/20	05/04/19	% Chng	05/02/20	05/04/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,170	14,782	-44.7%	190,362	244,978	-22.3%
52 Weeks Ended	646,504	749,775	-13.8%			
AAR Coal Rail Cars Loaded:	45,806	84,481	-45.8%	1,055,786	1,364,011	-22.6%
DOC Coal Trade (000 Tons)						
	March 20/19		% Chng	Jan - Mar 20/19		% Chng
Exports:						
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		
	05/02/20	05/04/19	% Chng	05/02/20	05/04/19	% Chng
EI Electric Total Output (Mil. Kwh)	64,307	70,338	-8.6%	1,282,389	1,337,614	-4.1%
EI Coal Region Output (Mil. Kwh)	54,973	60,755	-9.5%	102,696	1,150,881	-91.1%
AISI Raw Steel Output (000 Tons)	1,144	1,889	-39.4%	29,655	33,338	-11.0%

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)	
	05/01/20	04/24/20	% Chng	Wed.	04/29/20
Central App, 12,500 Btu, 1.2 SO ₂	\$54.65	\$55.20	-1.0%	Henry Hub	1.70
Northern App, 13,000 Btu, < 3.0 SO ₂	42.05	46.80	-10.1%	New York	1.55
Illinois Basin, 11,800, 5.0 SO ₂	32.05	33.30	-3.8%	Chicago	1.65
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.50	11.55	-0.4%	Cal.Comp.Avg.	1.93
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.85	30.60	-2.5%		

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		
	5/2/2020 (week 18)	4/25/2020 (week 17)	5/4/2019 (week 18)	5/2/2020	5/2/2019	% Change	5/2/2020	5/4/2019	% Change
Alabama	174	175	324	4,101	5,256	-22.0	12,884	14,892	-13.5
Alaska	12	13	20	306	342	-10.3	934	944	-1.1
Arizona	.	.	145	.	2,146	-100.0	1,656	6,577	-74.8
Colorado	133	134	233	3,221	4,519	-28.7	11,141	13,919	-20.0
Illinois	533	546	979	13,009	17,352	-25.0	40,927	49,941	-18.0
Indiana	363	379	682	8,985	11,920	-24.6	28,772	35,053	-17.9
Kentucky Total	418	437	784	10,095	13,491	-25.2	32,368	39,471	-18.0
Eastern (KY)	148	156	309	3,662	5,272	-30.5	11,913	16,321	-27.0
Western (KY)	270	281	475	6,432	8,219	-21.7	20,455	23,150	-11.6
Louisiana	17	18	31	319	371	-13.9	1,348	1,464	-7.9
Maryland	20	21	31	463	517	-10.4	1,416	1,335	6.1
Mississippi	33	35	65	705	881	-20.0	2,503	2,911	-14.0
Missouri	2	2	4	47	68	-31.0	167	239	-30.1
Montana	393	408	699	8,718	10,175	-14.3	32,816	36,520	-10.1
New Mexico	216	221	329	5,077	5,183	-2.0	14,544	13,392	8.6
North Dakota	289	306	492	6,874	9,377	-26.7	24,357	29,045	-16.1
Ohio	95	103	196	2,238	2,810	-20.3	7,153	8,777	-18.5
Oklahoma	2	2	5	55	84	-34.5	197	577	-65.9
Pennsylvania Total	607	647	1,124	14,054	17,471	-19.6	46,270	50,644	-8.6
Anthracite (PA)	36	37	55	767	766	0.1	2,577	2,061	25.0
Bituminous (PA)	571	609	1,068	13,287	16,704	-20.5	43,692	48,583	-10.1
Tennessee	6	6	9	115	110	4.4	438	260	68.5
Texas	257	258	421	6,045	8,309	-27.3	20,924	24,755	-15.5
Utah	185	196	324	4,485	5,590	-19.8	13,221	14,502	-8.8
Virginia	149	155	261	3,421	4,304	-20.5	11,492	12,843	-10.5
West Virginia Total	1,131	1,181	2,074	26,131	33,002	-20.8	85,426	96,209	-11.2
Northern (WV)	584	618	1,048	13,683	16,794	-18.5	43,680	47,653	-8.3
Southern (WV)	547	563	1,027	12,447	16,208	-23.2	41,746	48,556	-14.0
Wyoming	3,134	3,334	5,551	71,896	91,701	-21.6	255,550	295,505	-13.5
Appalachian Total	2,331	2,445	4,328	54,186	68,741	-21.2	176,992	201,280	-12.1
Interior Total	1,476	1,522	2,662	35,597	47,204	-24.6	115,294	138,091	-16.5
Western Total	4,363	4,612	7,792	100,579	129,033	-22.1	354,217	410,404	-13.7
East of Mississippi River	3,529	3,687	6,529	83,317	107,113	-22.2	269,650	312,336	-13.7
West of Mississippi River	4,641	4,892	8,253	107,045	137,865	-22.4	376,854	437,440	-13.9
Bituminous and Lignite	8,134	8,542	14,726	189,595	244,212	-22.4	643,926	747,714	-13.9
Anthracite	36	37	55	767	766	0.1	2,577	2,061	25.0
U.S. Total	8,170	8,579	14,782	190,362	244,978	-22.3	646,504	749,775	-13.8
Railroad Cars Loaded	45,806	48,128	84,481	1,055,786	1,364,011	-22.6	3,678,731	4,329,466	-15.0

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 18

OUTPUT FOR WEEK ENDED - May 02, 2020

May 06, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 02, 2020** was **64,307** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **167** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 02		52 Weeks Ended May 02	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,860	-5.5	114,740	-5.4
Mid-Atlantic	6,453	-6.6	418,828	-4.2
Central Industrial	9,988	-11.6	643,784	-5.4
West Central	5,063	-9.7	324,115	-4.0
Southeast	15,542	-16.5	1,010,777	-3.0
South Central	13,218	-4.2	769,523	0.9
Rocky Mountain	4,709	3.7	284,867	0.5
Pacific Northwest	2,798	-2.2	155,652	-1.1
Pacific Southwest	4,676	-1.6	265,358	-3.5
Total United States	64,307	-8.6	3,987,644	-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 11	64,177	Apr 13	68,379	-6.1	Apr 11	3,999,345	-2.5
Apr 18	64,061	Apr 20	66,853	-4.2	Apr 18	3,996,552	-2.5
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 02	1,282,389	May 04	1,337,614	-4.1	YEAR TO DATE, FIRST 18 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Apr 11	164	Apr 13	180	Apr 14	182
Apr 18	164	Apr 20	176	Apr 21	178
Apr 25	170	Apr 27	184	Apr 28	179
May 02	167	May 04	190	May 05	187

* 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		
	2-May 2020 GWh Output	4-May 2019 GWh Output	% Increase Over Corresponding Week	2-May 2020 GWh Output	4-May 2019 GWh Output	% Increase Over Corresponding Week	2-May 2020 GWh Output	4-May 2019 GWh Output	% Increase Over Corresponding Week
New England	1,860	1,968	-5.5%	38,136	40,531	-5.9%	114,740	121,295	-5.4%
Mid-Atlantic	6,453	6,910	-6.6%	134,664	144,351	-6.7%	418,828	437,252	-4.2%
Central Industrial	9,988	11,298	-11.6%	214,728	231,419	-7.2%	643,784	680,549	-5.4%
West Central	5,063	5,609	-9.7%	105,430	111,187	-5.2%	324,115	337,563	-4.0%
Southeast	15,542	18,606	-16.5%	321,009	337,675	-4.9%	1,010,777	1,042,343	-3.0%
South Central	13,218	13,792	-4.2%	236,293	236,656	-0.2%	769,523	762,506	0.9%
Rocky Mountain	4,709	4,540	3.7%	90,572	89,593	1.1%	284,867	283,486	0.5%
Pacific Northwest	2,798	2,862	-2.2%	59,013	60,863	-3.0%	155,652	157,384	-1.1%
Pacific Southwest	<u>4,676</u>	<u>4,753</u>	-1.6%	<u>82,545</u>	<u>85,340</u>	-3.3%	<u>265,358</u>	<u>274,848</u>	-3.5%
Total United States ^{1/}	<u>64,307</u>	<u>70,338</u>	-8.6%	<u>1,282,390</u>	<u>1,337,615</u>	-4.1%	<u>3,987,644</u>	<u>4,097,226</u>	-2.7%
Coal Regions Only ^{2/}	54,973	60,755	-9.5%	1,102,696	1,150,881	-4.2%	3,451,894	3,543,699	-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*.

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May 4, 2020

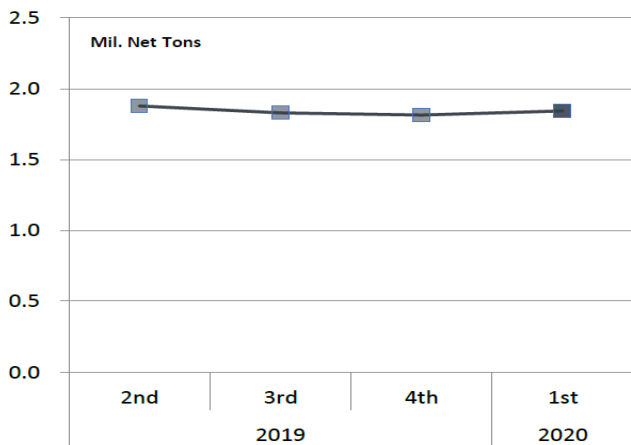
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 2</u>	<u>Apr 25</u>	
<u>Week Ending</u>				North East	109	127
				Great Lakes	401	437
May 2, 2020	1,144	-8.5	51.1	Midwest	121	132
May 2, 2019	1,889	-39.4	81.2	Southern	476	501
April 25, 2020	1,250	-2.1	55.8	Western	37	53
				Total	1,144	1,250
<u>Year-to-Date +</u>						
May 2, 2020	29,655	-11.0	77.5			
May 2, 2019	33,338	-	81.4			

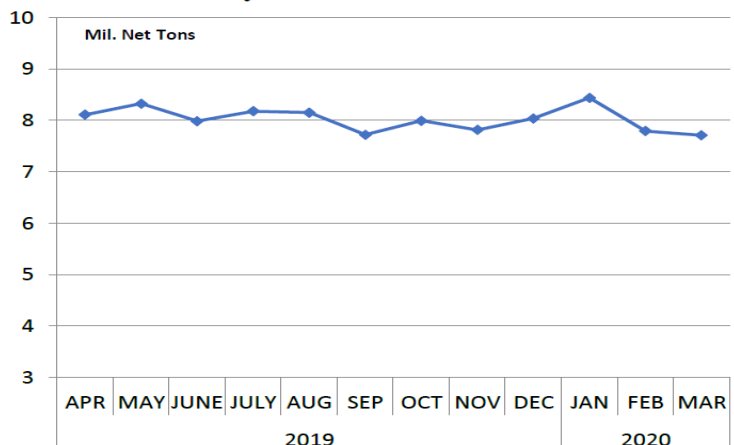
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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



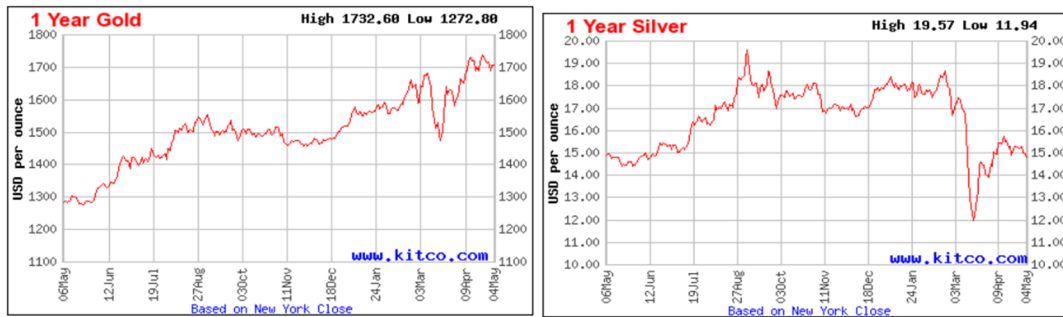
Monthly Raw Steel Production



*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 18, 2020 – Ended May 2, 2020

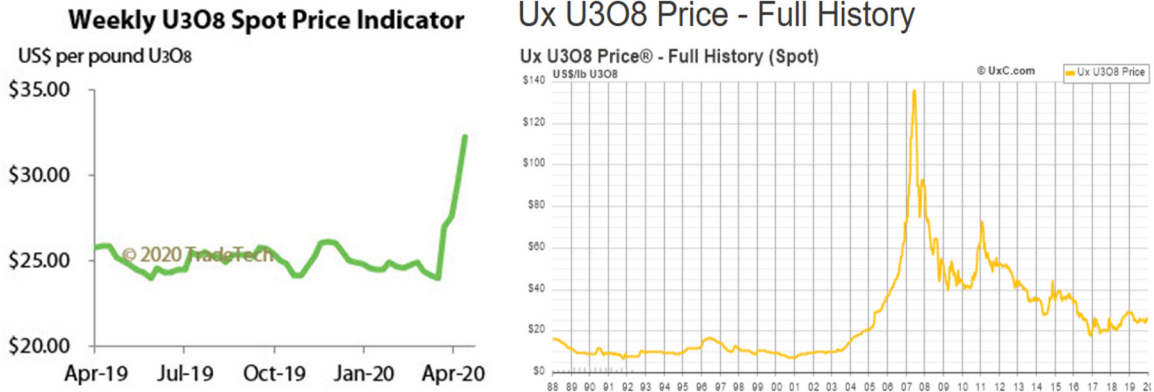
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	189,190	-29.6%	3,973,586	220,755	-11.8%
Chemicals	29,739	-15.2%	573,765	31,876	-1.2%
Coal	45,806	-45.9%	1,085,871	60,326	-22.9%
Farm Products excl. Grain, and Food	13,678	-16.0%	276,828	15,379	-1.5%
Forest Products	8,923	-13.7%	172,077	9,560	-4.2%
Grain	22,653	1.6%	369,112	20,506	-6.1%
Metallic Ores and Metals	16,535	-30.0%	358,828	19,935	-7.6%
Motor Vehicles and Parts	1,985	-88.0%	208,143	11,564	-29.4%
Nonmetallic Minerals	31,322	-15.6%	535,961	29,776	-8.5%
Petroleum and Petroleum Products	9,544	-27.9%	219,485	12,194	-3.5%
Other	9,005	-5.6%	173,516	9,640	3.6%
Total Intermodal Units	227,764	-14.5%	4,273,708	237,428	-10.9%
Total Traffic	416,954	-22.1%	8,247,294	458,183	-11.4%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

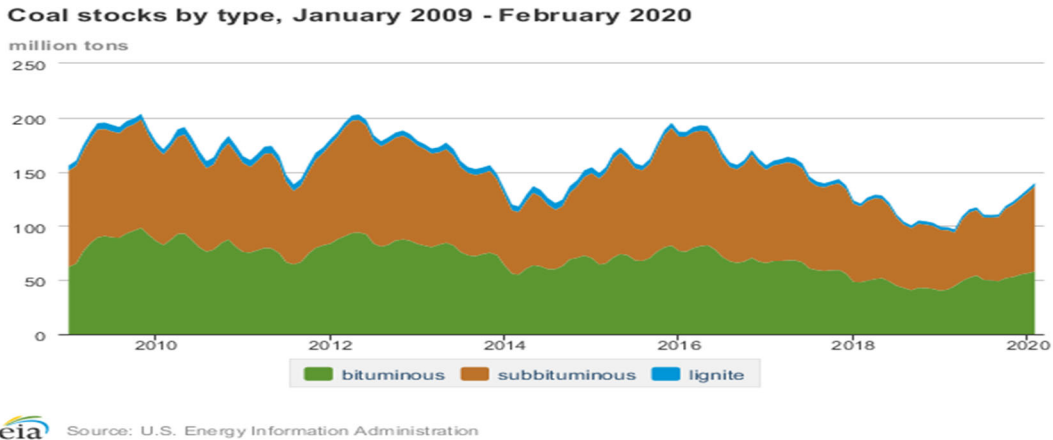
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

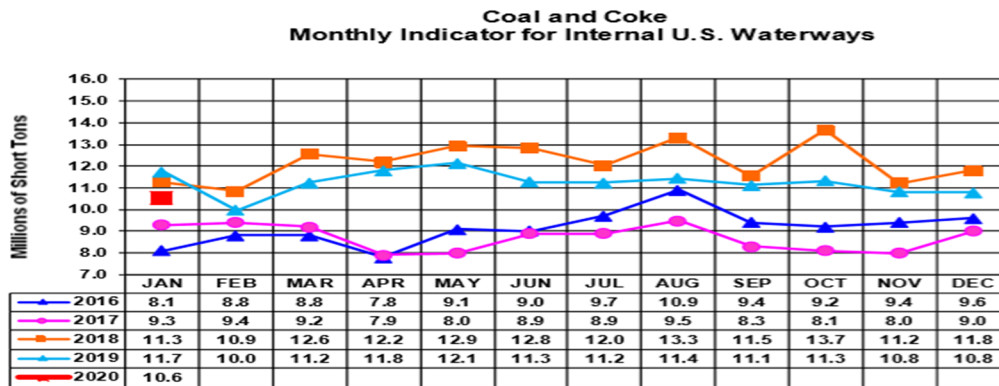


Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>



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.

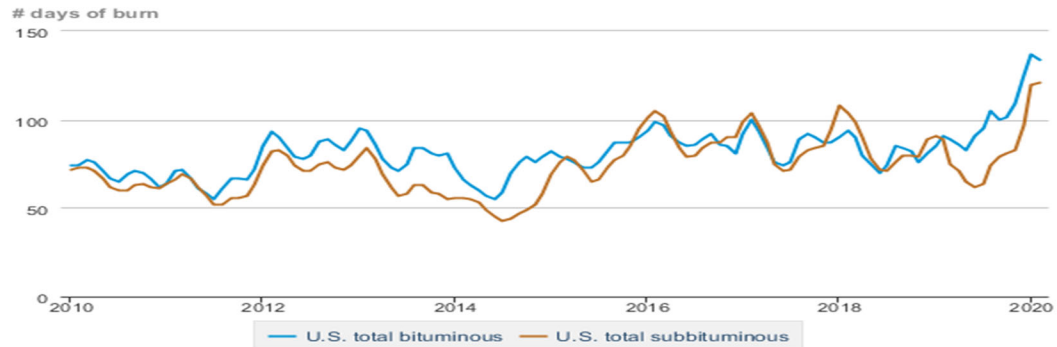
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/03/20	04/10/20	04/17/20	04/24/20	05/01/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$55.20	\$55.20	\$55.20	\$55.20	\$54.65	\$-0.55
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.80	\$46.80	\$46.80	\$46.80	\$42.05	\$-4.75
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.30	\$33.30	\$33.30	\$33.30	\$32.05	\$-1.25
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.55	\$11.55	\$11.55	\$11.55	\$11.50	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.60	\$30.60	\$30.60	\$30.60	\$29.85	\$-0.75

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 Apr 23)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	166	45	104	0	0	0
Middle Atlantic	152	47	106	0	0	0
E N Central	149	42	66	0	0	0
W N Central	116	18	44	0	-1	0
South Atlantic	74	25	47	27	9	8
E S Central	63	18	20	1	-4	-4
W S Central	23	4	0	34	10	10
Mountain	104	0	37	5	-4	-8
Pacific	58	-3	28	0	-4	-2
United States	104	23	52	9	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 - 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)



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

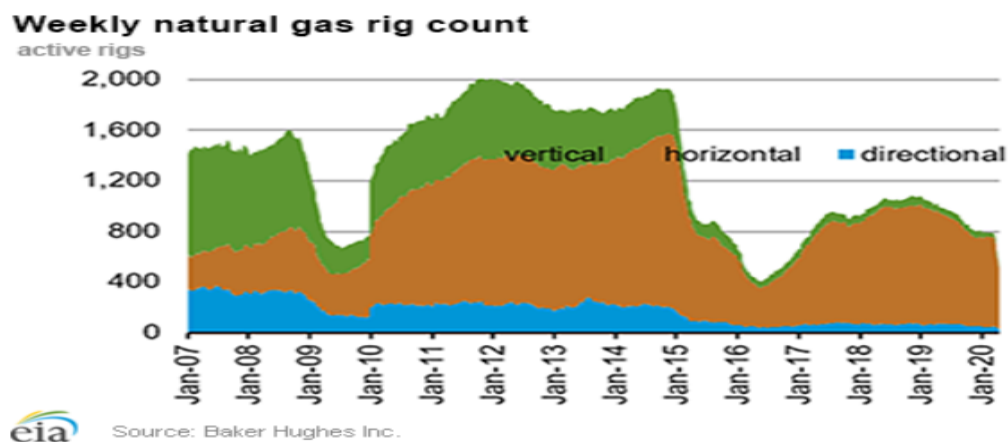
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-04-24	2020-04-17	change
East	405	400	5
Midwest	506	493	13
Mountain	103	96	7
Pacific	218	210	8
South Central	979	941	38
Total	2,210	2,140	70

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		
	April 2020	May 2020	change	April 2020	May 2020	change
Anadarko	675	689	14	3,994	4,074	80
Appalachia	133	136	3	14,583	14,874	291
Bakken	1,249	1,274	25	1,965	2,004	39
Eagle Ford	1,231	1,255	24	4,194	4,278	84
Haynesville	22	23	1	9,782	9,977	195
Niobrara	1,106	1,128	22	3,843	3,920	77
Permian	677	690	13	1,347	1,374	27
Rig-weighted average	730	741	11	3,420	3,471	51

Source: Energy Information Administration, *Drilling Productivity Report*