

National Mining Association

Weekly Statistical Summary

May 29, 2020 Edition
(Data for Week Ending May 23, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 21
Dated 05/29/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/23/20	05/25/19	% Chng	05/23/20	05/23/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,365	13,468	-37.9%	215,192	287,658	-25.2%
52 Weeks Ended	629,021	750,030	-16.1%			
AAR Coal Rail Cars Loaded:	46,863	76,971	-39.1%	1,194,920	1,607,938	-25.7%
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		% Chng	Jan - Mar 20/19		% 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		
	05/23/20	05/25/19	% Chng	05/23/20	05/25/19	% Chng
EI Electric Total Output (Mil. Kwh)	68,326	75,768	-9.8%	1,482,424	1,554,008	-4.6%
EI Coal Region Output (Mil. Kwh)	59,521	66,707	-10.8%	1,275,710	1,339,606	-4.8%
AISI Raw Steel Output (000 Tons)	1,191	1,880	-36.6%	33,231	38,978	-14.7%

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)	
	05/22/20	05/15/20	% Chng	Wed.	05/20/20
Central App, 12,500 Btu, 1.2 SO ₂	\$54.65	\$54.65	0.0%	Henry Hub	1.83
Northern App, 13,000 Btu, < 3.0 SO ₂	42.05	42.05	0.0%	New York	1.44
Illinois Basin, 11,800, 5.0 SO ₂	32.05	32.05	0.0%	Chicago	1.75
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.50	11.50	0.0%	Cal.Comp.Avg.	2.00
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



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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		
	5/23/2020 (week 21)	5/16/2020 (week 20)	5/25/2019 (week 21)	5/23/2020	5/23/2019	% Change	5/23/2020	5/25/2019	% Change
Alabama	178	167	295	4,626	6,190	-25.3	12,483	14,988	-16.7
Alaska	13	12	18	344	400	-14.1	913	959	-4.8
Arizona	.	.	132	.	2,565	-100.0	1,240	6,599	-81.2
Colorado	136	128	213	3,624	5,193	-30.2	10,875	13,708	-20.7
Illinois	546	520	892	14,616	20,179	-27.6	39,733	49,923	-20.4
Indiana	372	361	622	10,079	13,890	-27.4	27,912	34,986	-20.2
Kentucky Total	428	416	714	11,355	15,755	-27.9	31,384	39,401	-20.3
Eastern (KY)	152	148	281	4,108	6,164	-33.3	11,475	16,195	-29.1
Western (KY)	276	268	433	7,246	9,591	-24.4	19,908	23,206	-14.2
Louisiana	17	17	28	372	461	-19.3	1,312	1,449	-9.5
Maryland	21	20	28	525	606	-13.4	1,390	1,356	2.5
Mississippi	33	33	59	805	1,068	-24.6	2,418	2,917	-17.1
Missouri	2	2	4	53	79	-33.9	161	236	-31.8
Montana	403	388	636	9,940	12,192	-18.5	32,038	36,409	-12.0
New Mexico	221	210	300	5,732	6,133	-6.5	14,258	13,929	2.4
North Dakota	296	291	448	7,748	10,796	-28.2	23,824	28,851	-17.4
Ohio	97	98	179	2,525	3,377	-25.2	6,877	8,948	-23.1
Oklahoma	2	2	4	62	98	-36.8	190	532	-64.3
Pennsylvania Total	622	616	1,024	15,889	20,715	-23.3	44,888	50,692	-11.4
Anthracite (PA)	37	36	50	877	926	-5.3	2,529	2,108	20.0
Bituminous (PA)	585	580	973	15,012	19,789	-24.1	42,359	48,584	-12.8
Tennessee	6	6	8	135	136	-0.9	432	273	58.2
Texas	263	246	383	6,825	9,524	-28.3	20,500	24,451	-16.2
Utah	190	186	295	5,040	6,525	-22.8	12,850	14,720	-12.7
Virginia	153	148	238	3,876	5,057	-23.4	11,200	12,851	-12.8
West Virginia Total	1,158	1,124	1,890	29,558	38,992	-24.2	82,915	96,320	-13.9
Northern (WV)	598	588	955	15,449	19,819	-22.1	42,446	47,921	-11.4
Southern (WV)	560	536	935	14,109	19,173	-26.4	40,469	48,399	-16.4
Wyoming	3,209	3,174	5,057	81,464	107,728	-24.4	249,228	295,534	-15.7
Appalachian Total	2,386	2,327	3,943	61,242	81,237	-24.6	171,660	201,623	-14.9
Interior Total	1,511	1,449	2,425	40,058	54,890	-27.0	112,135	137,699	-18.6
Western Total	4,467	4,390	7,099	113,892	151,531	-24.8	345,226	410,708	-15.9
East of Mississippi River	3,613	3,509	5,949	93,988	125,965	-25.4	261,631	312,654	-16.3
West of Mississippi River	4,752	4,656	7,519	121,204	161,694	-25.0	367,390	437,376	-16.0
Bituminous and Lignite	8,328	8,130	13,417	214,315	286,732	-25.3	626,492	747,922	-16.2
Anthracite	37	36	50	877	926	-5.3	2,529	2,108	20.0
U.S. Total	8,365	8,166	13,468	215,192	287,658	-25.2	629,021	750,030	-16.1
Railroad Cars Loaded	46,863	45,756	76,971	1,194,920	1,607,938	-25.7	3,576,037	4,326,578	-17.3

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 21

OUTPUT FOR WEEK ENDED - May 23, 2020

May 28, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 23, 2020** was **68,326** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **166** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 23		52 Weeks Ended May 23	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,744	-9.0	114,267	-5.6
Mid-Atlantic	6,373	-14.5	416,756	-4.5
Central Industrial	10,214	-12.2	640,356	-5.6
West Central	5,269	-7.1	322,591	-4.0
Southeast	17,764	-18.0	1,002,431	-3.7
South Central	15,151	-4.5	768,660	1.2
Rocky Mountain	4,750	7.7	285,389	0.9
Pacific Northwest	2,595	-1.0	155,627	-1.1
Pacific Southwest	4,466	-1.3	265,208	-3.2
Total United States	68,326	-9.8	3,971,285	-2.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
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 23	68,326	May 25	75,768	-9.8	May 23	3,971,285	-2.8
May 23	1,482,424	May 25	1,554,008	-4.6	YEAR TO DATE, FIRST 21 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
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
May 23	166	May 25	194	May 26	192

* 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		
	23-May 2020 GWh Output	25-May 2019 GWh Output	% Increase Over Corresponding Week	23-May 2020 GWh Output	25-May 2019 GWh Output	% Increase Over Corresponding Week	23-May 2020 GWh Output	25-May 2019 GWh Output	% Increase Over Corresponding Week
New England	1,744	1,916	-9.0%	43,378	46,247	-6.2%	114,267	121,011	-5.6%
Mid-Atlantic	6,373	7,456	-14.5%	153,958	165,718	-7.1%	416,756	436,197	-4.5%
Central Industrial	10,214	11,638	-12.2%	245,301	265,420	-7.6%	640,356	678,317	-5.6%
West Central	5,269	5,672	-7.1%	121,217	128,496	-5.7%	322,591	336,105	-4.0%
Southeast	17,764	21,659	-18.0%	371,592	396,604	-6.3%	1,002,431	1,041,248	-3.7%
South Central	15,151	15,872	-4.5%	278,592	279,819	-0.4%	768,660	759,585	1.2%
Rocky Mountain	4,750	4,410	7.7%	105,050	103,549	1.4%	285,389	282,790	0.9%
Pacific Northwest	2,595	2,621	-1.0%	66,874	68,748	-2.7%	155,627	157,334	-1.1%
Pacific Southwest	4,466	4,524	-1.3%	96,463	99,408	-3.0%	265,208	274,025	-3.2%
Total United States ^{1/}	68,326	75,768	-9.8%	1,482,425	1,554,009	-4.6%	3,971,285	4,086,612	-2.8%
Coal Regions Only ^{2/}	59,521	66,707	-10.8%	1,275,710	1,339,606	-4.8%	3,436,183	3,534,242	-2.8%

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 26, 2020

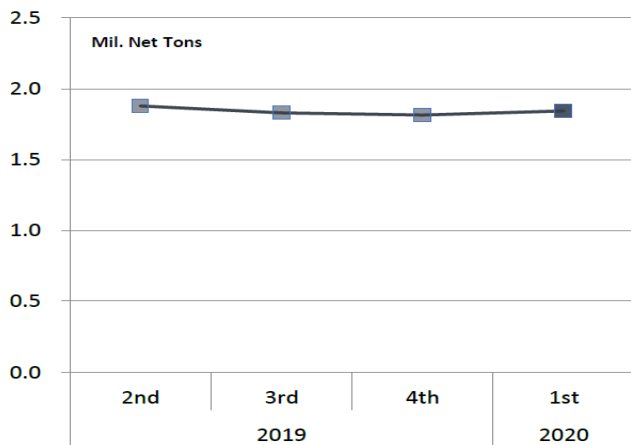
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 May 23</u>	<u>Week Ending May 16</u>	
<u>Week Ending</u>				North East	93	91
				Great Lakes	395	399
May 23, 2020	1,191	0.8	53.2	Midwest	127	124
May 23, 2019	1,880	-36.6	80.8	Southern	517	507
May 16, 2020	1,181	-1.9	52.7	Western	59	60
				Total	1,191	1,181
<u>Year-to-Date +</u>						
May 23, 2020	33,231	-14.7	70.3			
May 23, 2019	38,978	-	81.4			

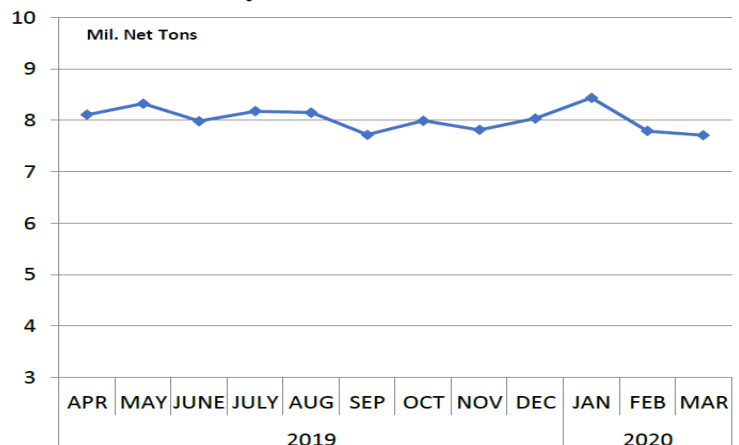
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 21, 2020 – Ended May 23, 2020

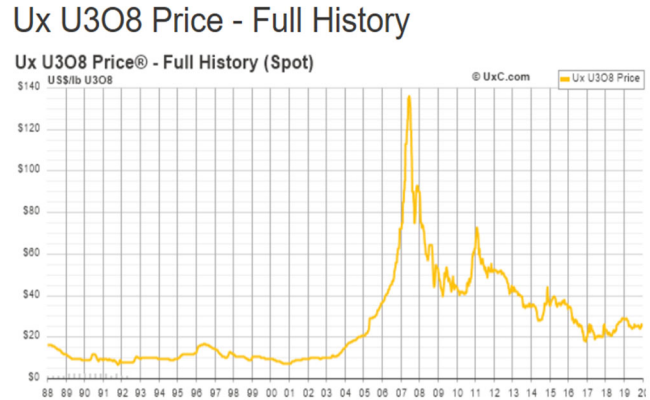
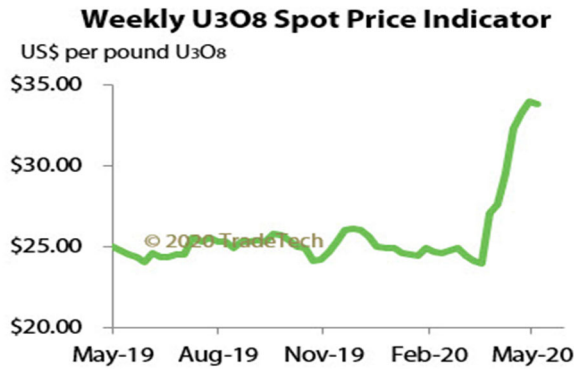
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	190,639	-27.5%	4,533,784	215,894	-14.3%
Chemicals	28,531	-14.4%	659,435	31,402	-3.0%
Coal	46,863	-41.1%	1,225,005	58,334	-25.7%
Farm Products excl. Grain, and Food	15,044	-7.9%	319,934	15,235	-2.7%
Forest Products	8,650	-14.5%	198,075	9,432	-5.7%
Grain	21,977	-2.3%	433,506	20,643	-6.4%
Metallic Ores and Metals	14,805	-37.1%	401,358	19,112	-12.0%
Motor Vehicles and Parts	4,874	-71.4%	217,990	10,380	-37.0%
Nonmetallic Minerals	31,349	-15.0%	629,445	29,974	-9.4%
Petroleum and Petroleum Products	9,837	-25.9%	248,663	11,841	-6.8%
Other	8,709	-14.9%	200,373	9,542	1.8%
Total Intermodal Units	238,076	-11.2%	4,970,889	236,709	-11.3%
Total Traffic	428,715	-19.2%	9,504,673	452,603	-12.8%

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.

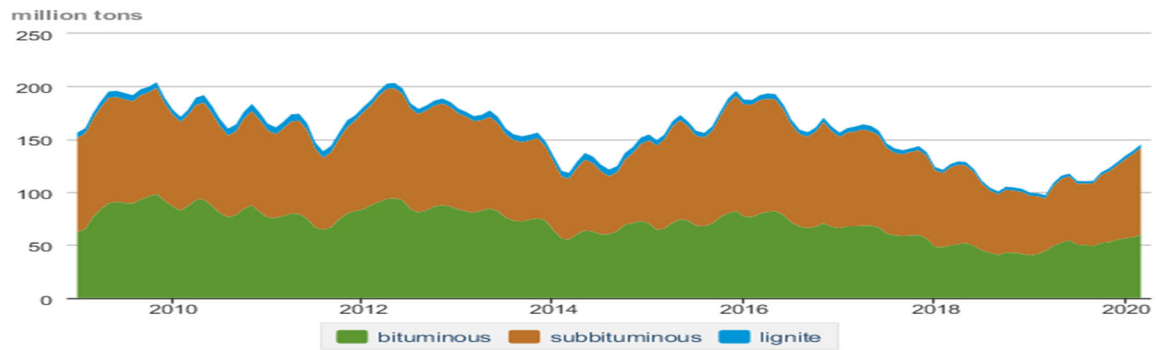
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - March 2020

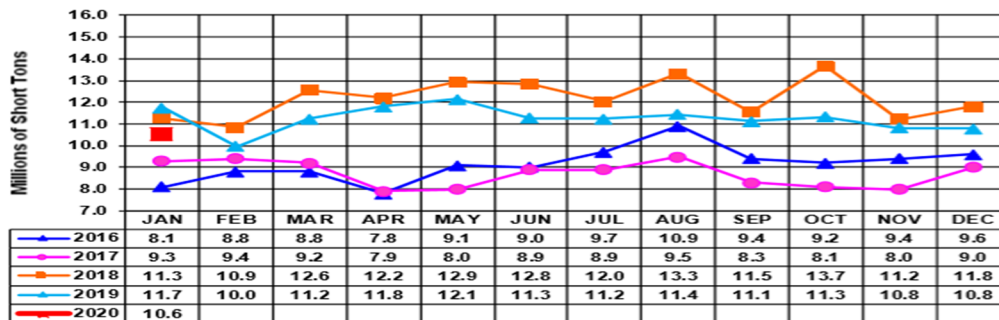


Source: U.S. Energy Information Administration

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

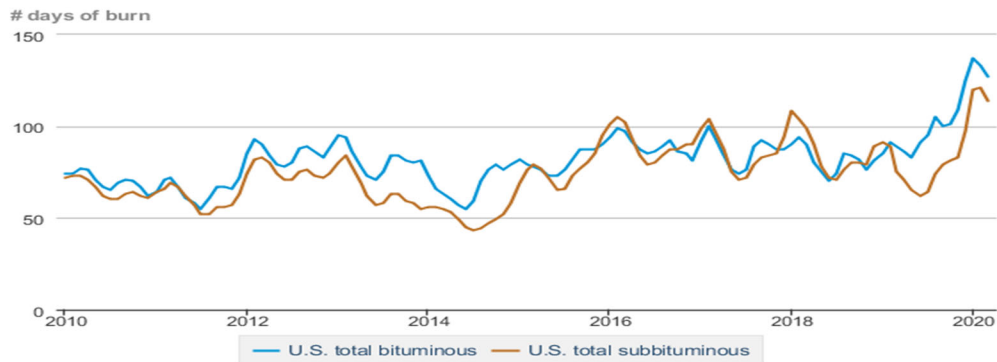
Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	04/24/20	05/01/20	05/08/20	05/15/20	05/22/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$55.20	\$54.65	\$54.65	\$54.65	\$54.65	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.80	\$42.05	\$42.05	\$42.05	\$42.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.30	\$32.05	\$32.05	\$32.05	\$32.05	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.55	\$11.50	\$11.50	\$11.50	\$11.50	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.60	\$29.85	\$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 - March 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



 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	March 2020		March 2019		% Change of Stocks	February 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,589	333	3,295	147	39.3%	4,523	326	1.5%
	Subbituminous	162	265	150	259	7.9%	162	284	0.0%
South	Bituminous	24,581	118	20,236	91	21.5%	23,843	127	3.1%
	Subbituminous	6,691	88	3,963	58	68.8%	6,630	95	0.9%
Midwest	Bituminous	13,138	117	7,934	75	65.6%	12,616	118	4.1%
	Subbituminous	27,925	124	16,390	75	70.4%	26,381	127	5.9%
West	Bituminous	3,530	164	3,267	89	8.0%	3,397	164	3.9%
	Subbituminous	29,592	113	19,080	79	55.1%	29,080	122	1.8%
U.S. Total	Bituminous	45,838	127	34,732	89	32.0%	44,379	133	3.3%
	Subbituminous	64,370	114	39,582	75	62.6%	62,252	121	3.4%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

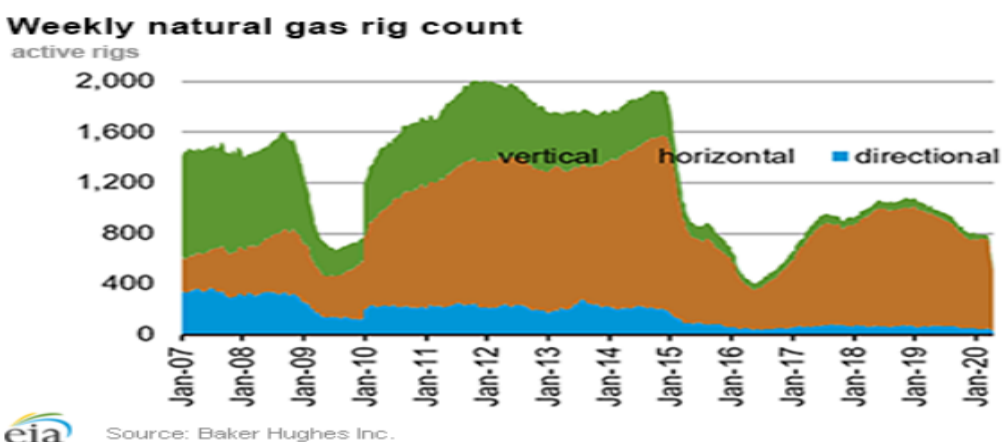
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-05-15	2020-05-08	change
East	469	452	17
Midwest	576	554	22
Mountain	124	117	7
Pacific	253	240	13
South Central	1,081	1,059	22
Total	2,503	2,422	81

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*