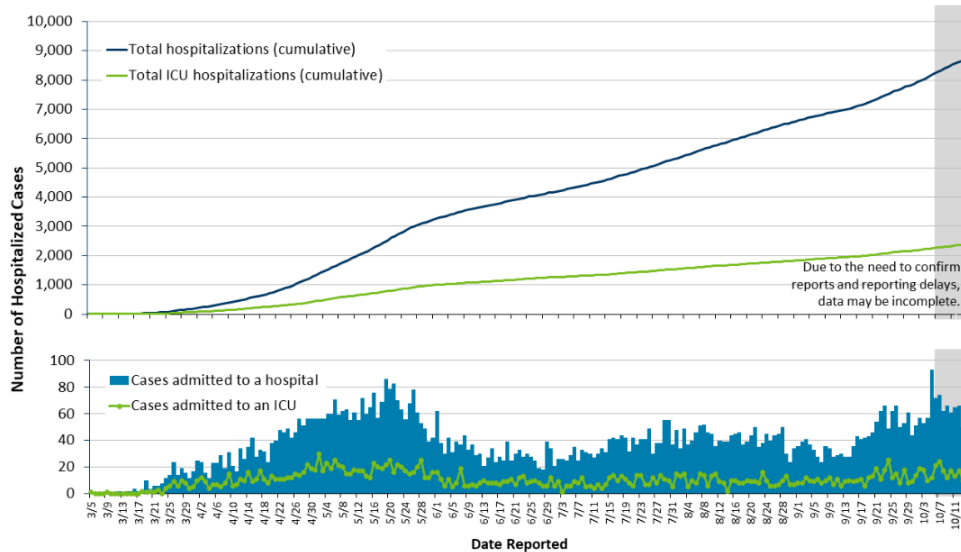


- **Rise of hospitalizations by institution**

- <https://www.health.state.mn.us/diseases/coronavirus/stats/covidweekly42.pdf>

Throughout the state of Minnesota, there has been a drastic rise in hospitalizations across the state. There have been 8,652 total cumulative hospitalizations as well as 2,362 total cumulative ICU hospitalizations in the state of Minnesota from March to October 2020. This information is depicted in these graphs.



This chart describes the rise in hospitalizations throughout the state of Minnesota over the past year. As we can see, most of the values, including new total hospitalizations and currently in ICU increased from around March 2020 until December 2020, when they reached their peak, then have been declining ever since

Date	Cumulative hospitalized / ever hospitalized	Currently hospitalized/ Now hospitalized	New total hospitalizations	Cumulative in ICU/ever in ICU	Currently in ICU/Now in ICU
March 2021	25,727	230	8	5,308	47
February 2021	24,352	387	44	5,045	92
January 2021	21,864	895	120	4,638	196
December 2020	17,111	1,840	320	3,826	394
November 2020	10,334	738	64	2,706	196
October 2020	7,758	340	57	2,148	120
September 2020	6,520	294	40	1,849	136
August 2020	5,208	317	53	1,520	149
July 2020	4,081	260	27	1,258	125
June 2020	3,086	549	39	981	253
May 2020	1,096	369	52	380	118
April 2020	122	54	10	27	27
March 22 2020	12	N/A	12	N/A	N/A

- **shortage of equipment**

Nobles County had a difficult time ordering medical supplies during the national shortage.

In preparation for a pandemic, items such as respirators and N-95 masks are on hand, but both are in limited supply, Ebbers shared. As for the masks, Ebbers said it will be difficult for the county to order additional supplies at this time due to the nationwide shortage.

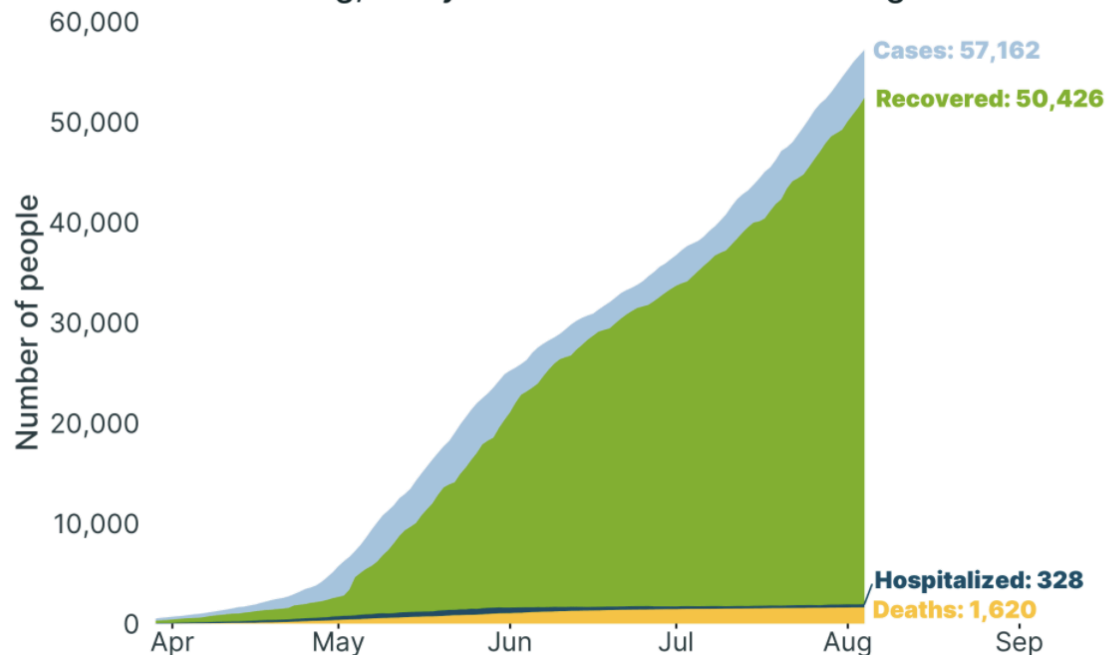
“However, we are excited to see companies like Bedford Industries being very innovative and assist with research and development to make the integrity of the masks that are presently in supply last even longer,” she said.

<https://www.dglobe.com/lifestyle/health/5012140-COVID-19-Respirators-masks-in-limited-supply-locally>

After the outbreak, Nobles County experienced supply shortage and limited testing.

COVID-19 in Minnesota as of August 4

Recoveries, hospitalizations and deaths are subsets of total cases. Due to limited testing, many COVID-19 cases are undiagnosed.



Source: Minnesota Department of Health. Graphic by David H. Montgomery | MPR News

MPRnews



Nancy Lebens
@nlebens



Asking about COVID-19 testing, MDH's Kris Ehresmann said providers should "focus on symptomatic" people, although they know meat packing plants and long term care facilities will test widely if cases are found.

3:33 PM · May 12, 2020



2



See the latest COVID-19 information on Twitter

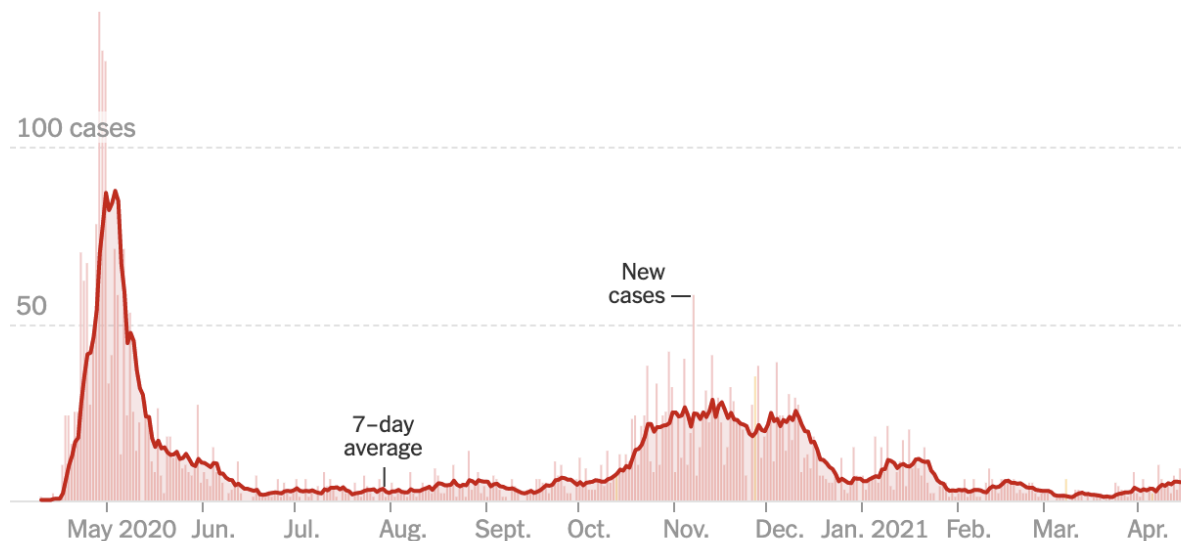
<https://www.mprnews.org/story/2020/05/12/latest-on-covid19-in-mn>

- epidemic peak and recession

In Nobles county, Covid-19 Peaked in April and May, 2020, then declined in June, 2020. Then It peaked in Nov, 2020 and plateaued until Jan, 2021 during the holiday seasons. Finally it increased slightly in the end of Jan, 2021 and then declined and flattened.

Cases have increased over the past week and are very high.

New reported cases by day



An average of **5 cases per day** were reported in Nobles County, a **64 percent increase** from the average two weeks ago. Since the beginning of the pandemic, at least **1 in 5** residents have been infected, a total of **3,987 reported cases**.

April 2020 was the worst month for cases in Nobles County.

<https://www.nytimes.com/interactive/2021/us/nobles-minnesota-covid-cases.html>

Covid Spike in Nobles County in April, 2020 was mainly because of the Pork Powerplant.

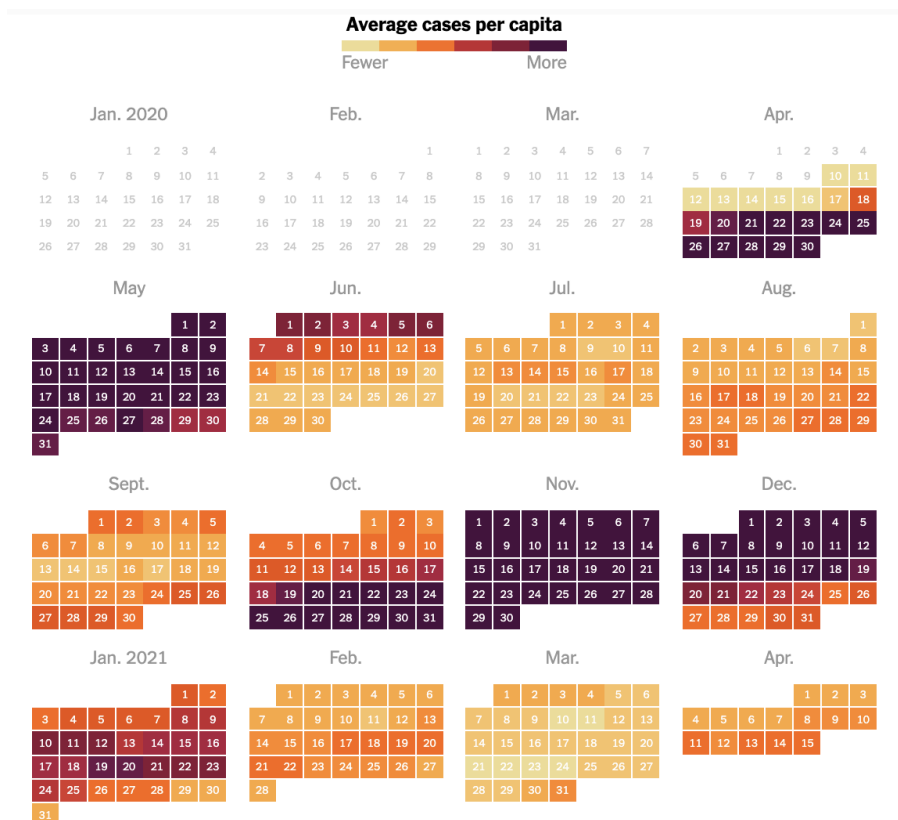
The rise in cases comes a week after the Smithfield Pork Processing plant in nearby Sioux Falls, S.D. suddenly shut down because of an outbreak that turned it into one of largest coronavirus hotspots in the country.

Only 60 miles separate the two plants, and Gov. Tim Walz confirmed that his initial fears of it spreading to Worthington are now a reality.

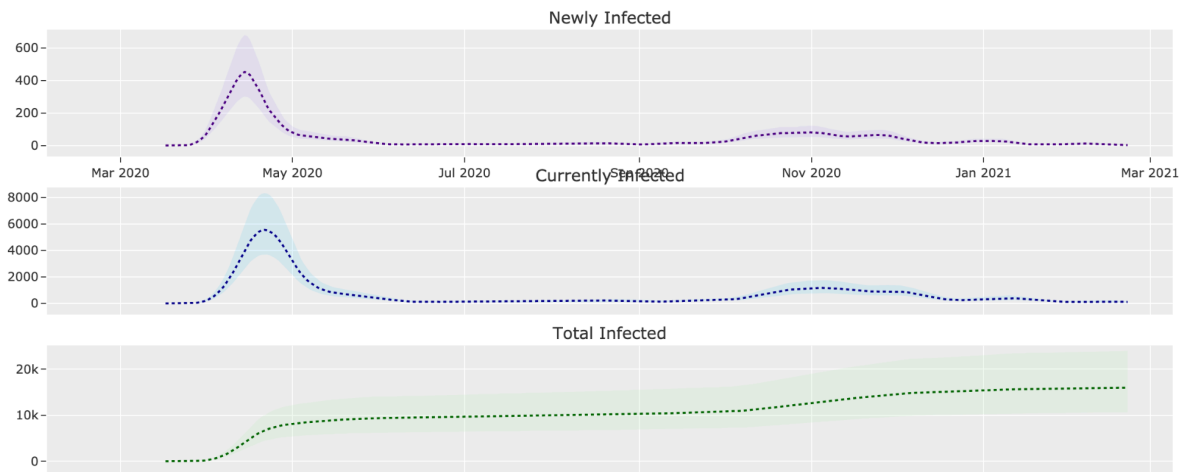
"There's a lot of family members that work in both plants...a lot of cross-contamination from both plants," he said.

<https://kstp.com/coronavirus/cases-spike-in-nobles-county-meat-packing-plant-preparing-for-spread/5703097/>

Covid Spike in Nobles County in April-May, 2020 is the largest outbreak countywide.



Nobles County, Minnesota
Currently Infected: **1 in 200** (0.5%) | Total Infected: **73.9%** (As of Feb 21)



<https://covid19-projections.com/infections/counties/mn/nobles>