

This MDH Weekly COVID-19 Report presents data in an easy to interpret way and enhances the information provided in the daily Situation Update for COVID-19 web page with situational insights as well as trends over time.



health.mn.gov/coronavirus

More MN COVID-19 data and statistics:

Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) - updated daily at 11 a.m.

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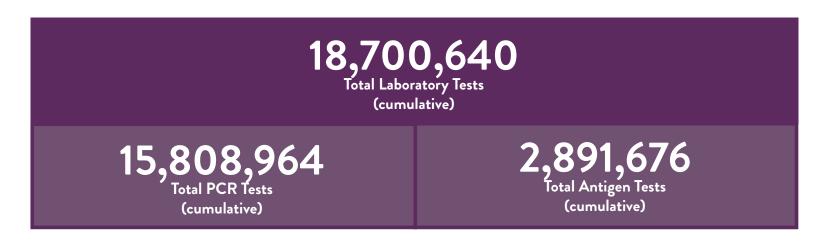
About Minnesota COVID-19 Data

- Data is for cases that were tested and returned positive.
 - At-home test results are not counted by MDH.
 - Many people with COVID-19 are not tested, so the cases in this report represent only a fraction of the total number of cases in Minnesota.
- All data is preliminary and may change as cases are investigated.
 - Many data points are collected during case interviews. Data presented below is for all cases, regardless of interview status. Data for cases pending interview may be listed as "unknown/missing".
 - As of 10/28/21, case interviews are prioritized. Priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview.
- Minnesota uses the CSTE standardized surveillance case definition.
 - A person is counted as having a reinfection if they test positive (confirmed or probable) for COVID-19 more than 90 days after a previous lab-confirmed case. Cases include reinfections unless otherwise noted.
 - · Positive PCR test results are considered confirmed cases. Positive antigen test results are considered probable cases. All probable cases get the same public health follow up and recommendations as cases confirmed by PCR tests. Total cases includes confirmed and probable cases unless otherwise noted.
 - A person with a positive PCR test result following a positive antigen test result would move from being a probable case to a confirmed case.
- Weekly data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting and publishing.
- Numbers listed as cumulative total are cumulative since 1/20/20 for confirmed (PCR) tests and cases, and since 9/1/20 for probable (antigen) tests and cases, unless specified otherwise.

Staff Cases Associated with Congregate Care Settings 52

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COVID-19 Overview Summary





60,212
Total Hospitalizations
(cumulative)

11,151
Total ICU Hospitalizations
(cumulative)

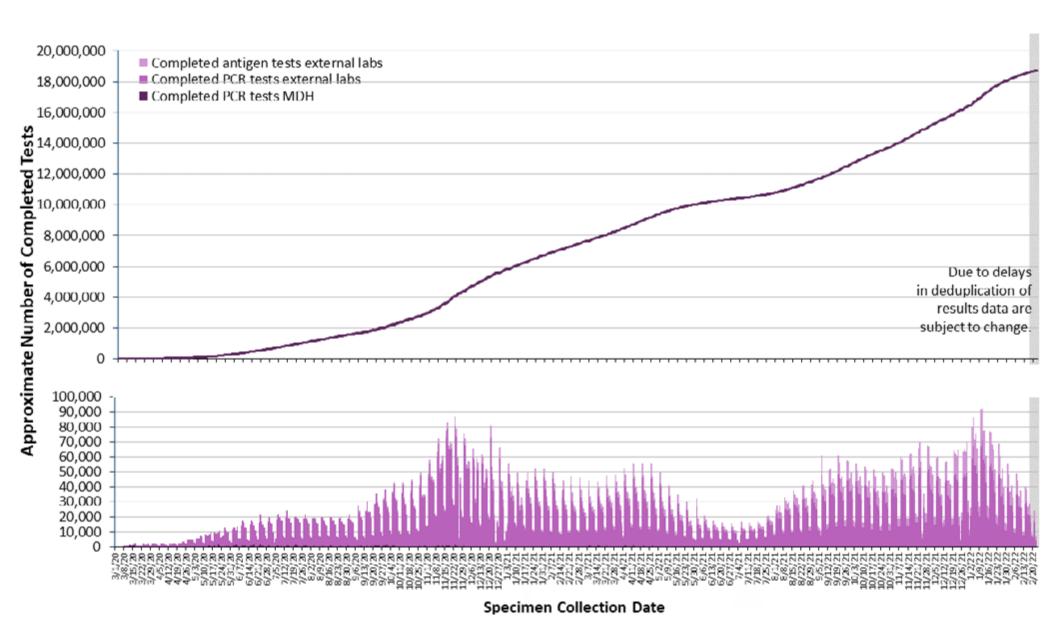
12,066
Total Deaths
(cumulative)

1,389,641
Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19

18,700,640
Total Laboratory Tests
(cumulative)

Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported by the date the test was run in the laboratory.



Current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Number of Tests and Percent Positive by Week

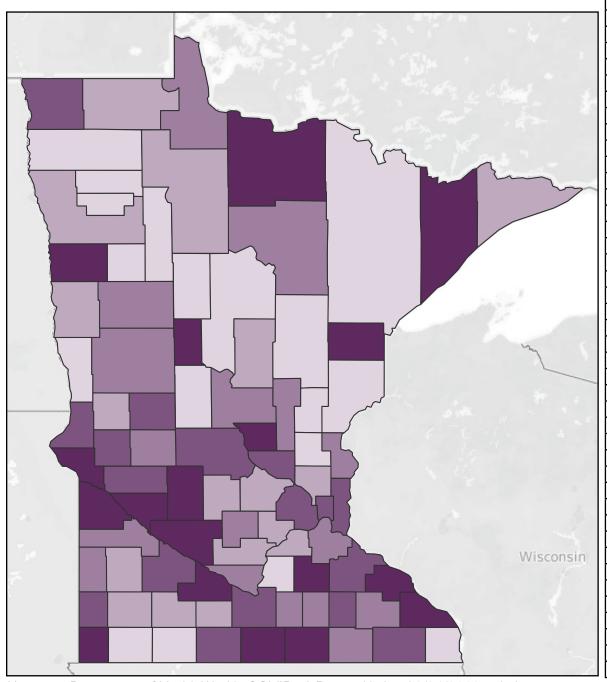
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests. Due to delays in deduplication of results data are subject to change 400,000 40 Percent of All Tests Positive Number of Weekly PCR Tests Percent of PCR Tests Positive Number of Weekly Antigen Tests Percent of Antigen Tests Positive 350,000 35 300,000 30 Number of Weekly Tests Percent of Tests Positive 25 250,000 200,000 150,000 15 100,000 50,000 Week

Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Laboratory Test Rates by County of Residence

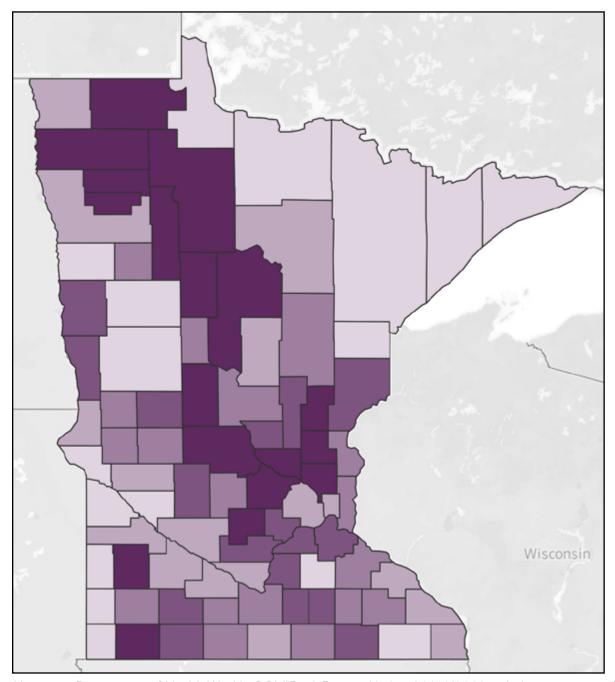
32,950 rate of tests per 10,000 people statewide (cumulative)

Cumulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories reporting both positive and negative results are included.



MC1100			rate of tests per 10,000 people statewide (cumulative)			
County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate	
Aitkin	37,925	23,952	Martin	65,098	32,608	
Anoka	999,657	28,773	McLeod	110,785	30,924	
Becker	100,981	29,900	Meeker	68,822	29,820	
Beltrami	120,551	26,140	Mille Lacs	82,791	32,179	
Benton	148,683	37,377	Morrison	104,813	31,811	
Big Stone	21,854	43,569	Mower	127,222	32,125	
Blue Earth	218,030	32,874	Murray	25,025	29,959	
Brown	90,037	35,713	Nicollet	105,386	31,195	
Carlton	144,787	40,739	Nobles	50,265	23,016	
Carver	279,084	27,793	Norman	23,742	36,198	
Cass	61,581	21,219	Olmsted	498,172	32,546	
Chippewa	45,239	37,668	Otter Tail	187,051	32,255	
Chisago	172,767	31,569	Pennington	27,960	19,712	
Clay	166,656	26,537	Pine	71,648	24,597	
Clearwater	19,047	21,615	Pipestone	30,079	32,748	
Cook	14,503	27,307	Polk	86,319	27,324	
Cottonwood	33,738	29,668	Pope	35,592	32,415	
Crow Wing	162,662	25,474	Ramsey	1,769,199	32,673	
Dakota	1,270,253	30,374	Red Lake	7,373	18,396	
Dodge	67,849	32,965	Redwood	51,423	33,542	
Douglas	123,565	33,214	Renville	53,204	36,142	
Faribault	52,066	37,468	Rice	317,961	48,348	
Fillmore	72,039	34,488	Rock	35,624	37,846	
Freeborn	114,719	37,581	Roseau	41,796	27,031	
Goodhue	156,357	33,831	Scott	405,412	28,277	
Grant	17,255	29,059	Sherburne	325,271	34,889	
Hennepin	4,127,740	33,410	Sibley	39,326	26,372	
Houston	35,658	19,106	St. Louis	680,386	34,006	
Hubbard	37,003	17,737	Stearns	517,298	32,987	
Isanti	99,260	25,468	Steele	113,242	30,876	
Itasca	136,771	30,257	Stevens	33,353	34,089	
Jackson	22,063	21,960	Swift	31,729	33,715	
Kanabec	34,504	21,560	Todd	56,929	23,293	
Kandiyohi	152,140	35,665	Traverse	11,292	33,839	
Kittson	14,412	33,230	Wabasha	75,562	35,145	
Koochiching	44,539	35,225	Wadena	59,676	43,731	
Lac qui Parle	26,044	38,453	Waseca	60,975	32,418	
Lake	37,324	35,315	Washington	837,395	33,057	
Lake of the Woods	11,806	30,995	Watonwan	32,600	29,709	
Le Sueur	69,216	24,735	Wilkin	15,085	23,782	
Lincoln	17,443	30,564	Winona	181,743	35,743	
Lyon	72,670	28,124	Wright	348,369	26,243	
Mahnomen	11,974	21,747	Yellow Medicine	31,896	32,323	
Marshall	17,543	18,679	Unknown/missing	697,681		

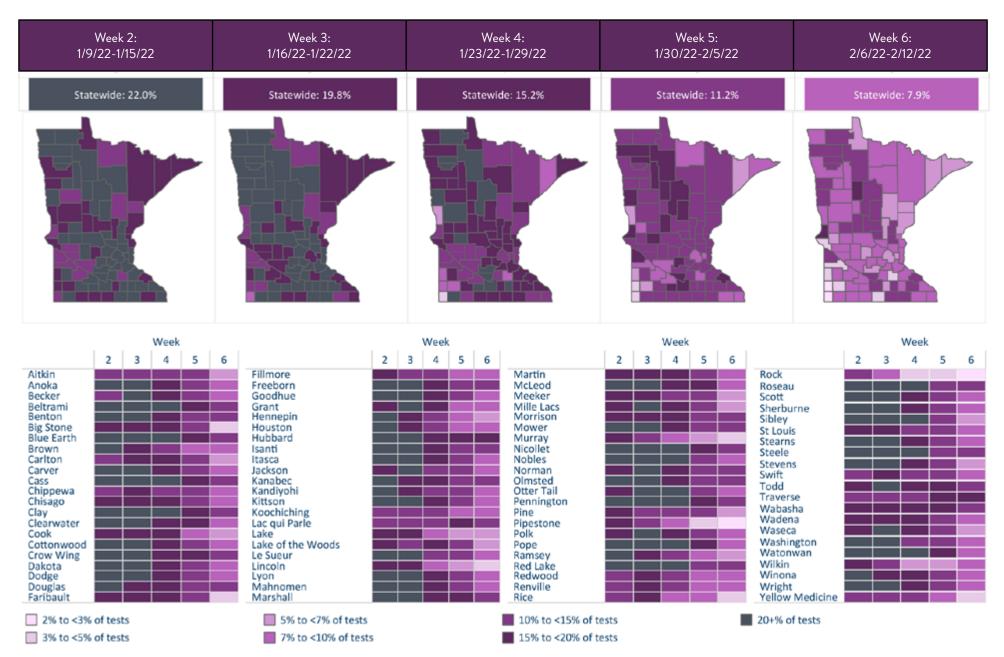
Cumulative percent of tests positive by county of residence. Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



		•	
County	% Positive (cumulative)	County	% Positive (cumulative)
Aitkin	7.6%	Martin	8.3%
Anoka	9.9%	McLeod	9.6%
Becker	6.6%	Meeker	8.4%
Beltrami	9.4%	Mille Lacs	9.3%
Benton	9.0%	Morrison	8.4%
Big Stone	5.9%	Mower	9.0%
Blue Earth	8.1%	Murray	7.9%
Brown	7.3%	Nicollet	7.5%
Carlton	5.8%	Nobles	13.1%
Carver	9.1%	Norman	5.3%
Cass	9.6%	Olmsted	7.8%
Chippewa	6.6%	Otter Tail	6.7%
Chisago	8.4%	Pennington	10.7%
Clay	8.6%	Pine	8.8%
Clearwater	10.2%	Pipestone	6.3%
Cook	3.9%	Polk	7.2%
Cottonwood	9.2%	Pope	7.9%
Crow Wing	7.2%	Ramsey	7.4%
Dakota	8.9%	Red Lake	10.9%
Dodge	8.1%	Redwood	7.4%
Douglas	8.6%	Renville	6.9%
Faribault	7.2%	Rice	5.4%
Fillmore	6.4%	Rock	5.8%
Freeborn	8.1%	Roseau	10.7%
Goodhue	8.1%	Scott	9.3%
Grant	8.0%	Sherburne	9.4%
Hennepin	7.6%	Sibley	8.5%
Houston	7.4%	St. Louis	6.5%
Hubbard	9.8%	Stearns	9.6%
Isanti	9.8%	Steele	9.1%
Itasca	7.5%	Stevens	7.7%
Jackson	9.3%	Swift	7.3%
Kanabec	9.9%	Todd	10.4%
Kandiyohi	8.7%	Traverse	6.8%
Kittson	7.0%	Wabasha	7.0%
Koochiching	6.0%	Wadena	7.7%
Lac qui Parle	6.3%	Waseca	9.0%
Lake	5.6%	Washington	8.3%
Lake of the Woods	6.3%	Watonwan	8.3%
Le Sueur	8.5%	Wilkin	8.6%
Lincoln	6.5%	Winona	6.7%
Lyon	9.8%	Wright	9.9%
Mahnomen	8.2%	Yellow Medicine	7.1%
Marshall	11.3%	Unknown/missing	5.2%
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Weekly Percent of Tests Positive by County of Residence

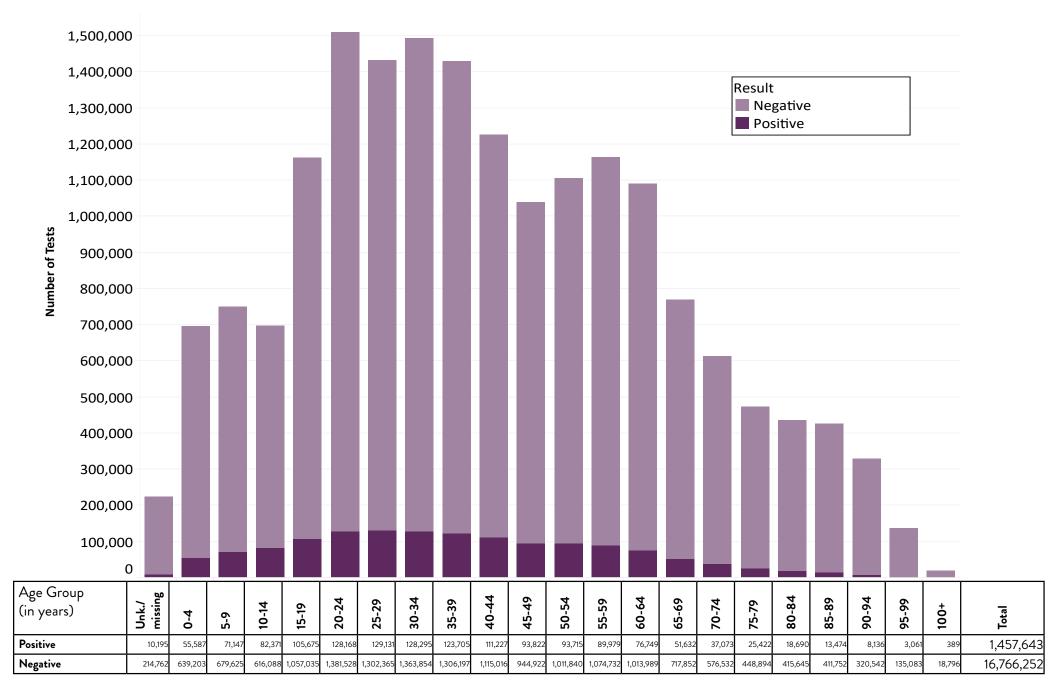
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county of residence.



Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

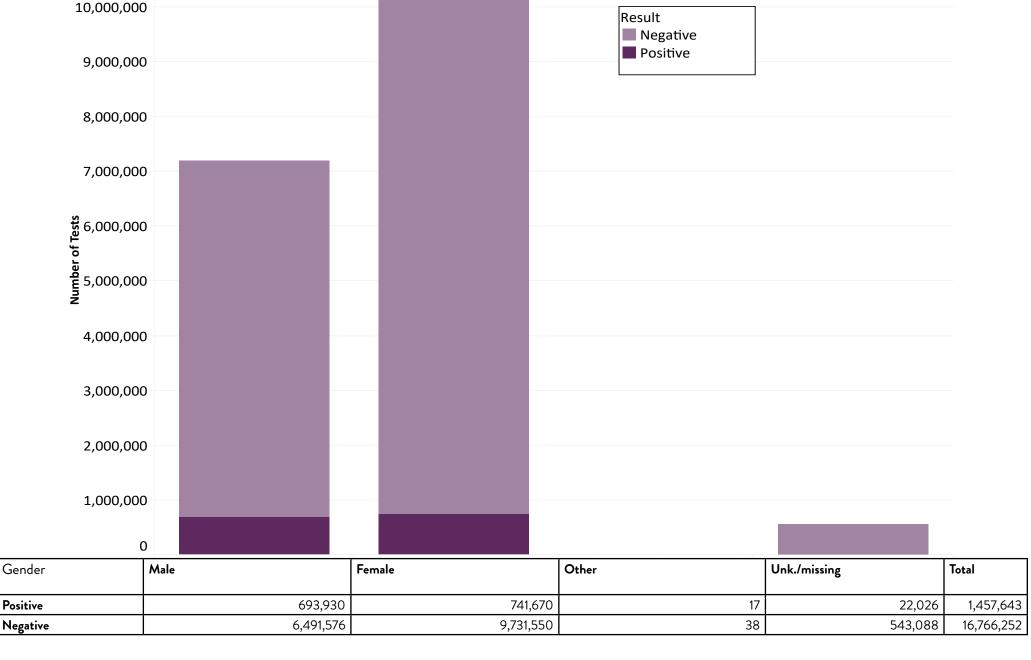
Testing Demographics: Age

Cumulative number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are not clearly positive or negative).



Testing Demographics: Gender

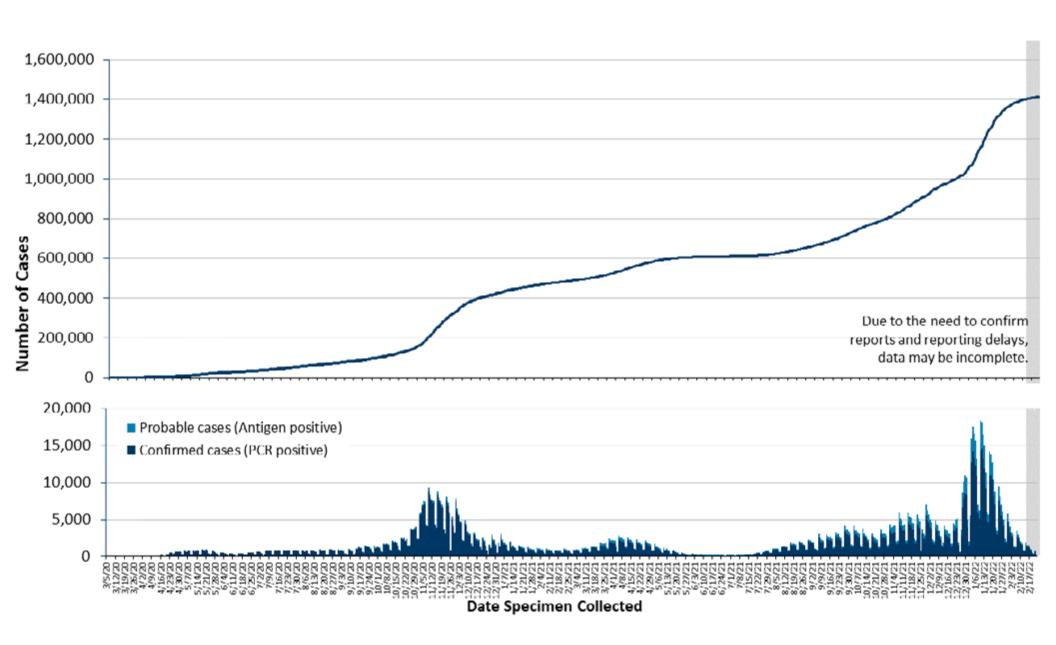
Cumulative number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are not clearly positive or negative).



Positive COVID-19 Cases

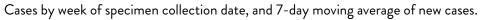
Total positive cases are represented by the date of positive specimen collection.

1,411,593
Total Positive Cases,
including Reinfections
(cumulative)

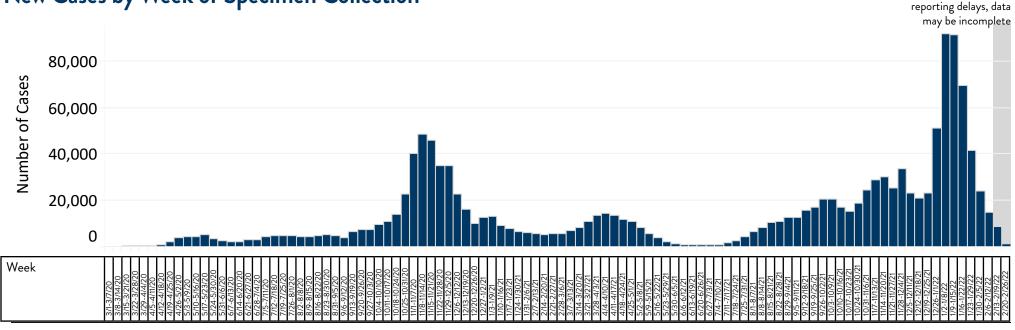


■ Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

New Cases by Week, 7-Day Average

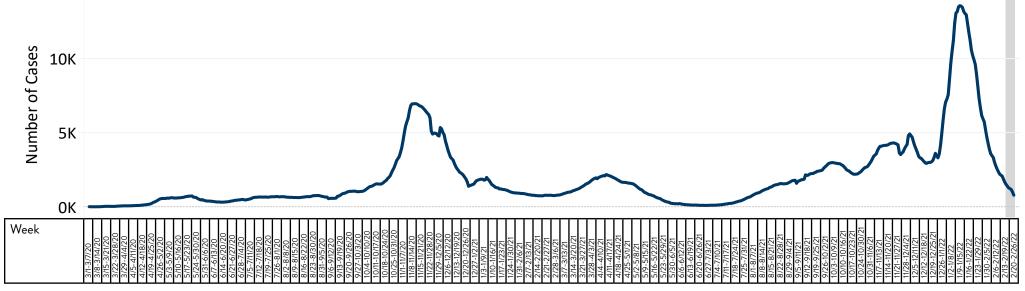






Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Seven Day Moving Average of New Cases

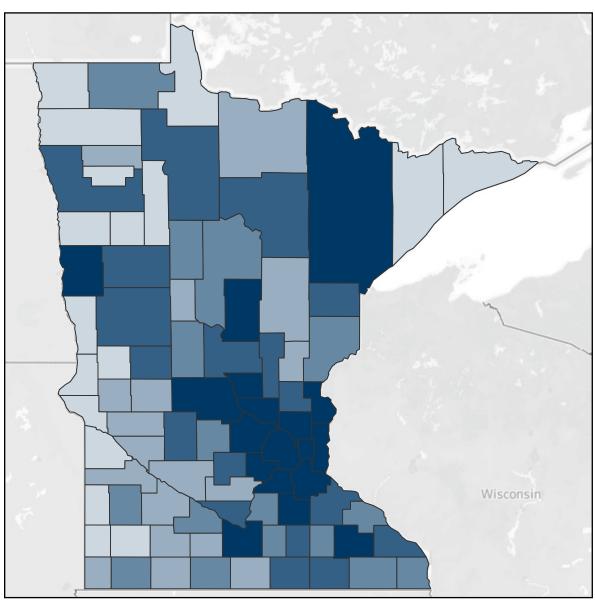


Due to the need to

confirm reports and

Cases by County of Residence

Cumulative number of positive cases by county of residence, cases no longer needing isolation. Cases no longer needing isolation represents individuals with COVID-19 who no longer need to self-isolate. MDH does not track cases over time to determine whether they have fully recovered.



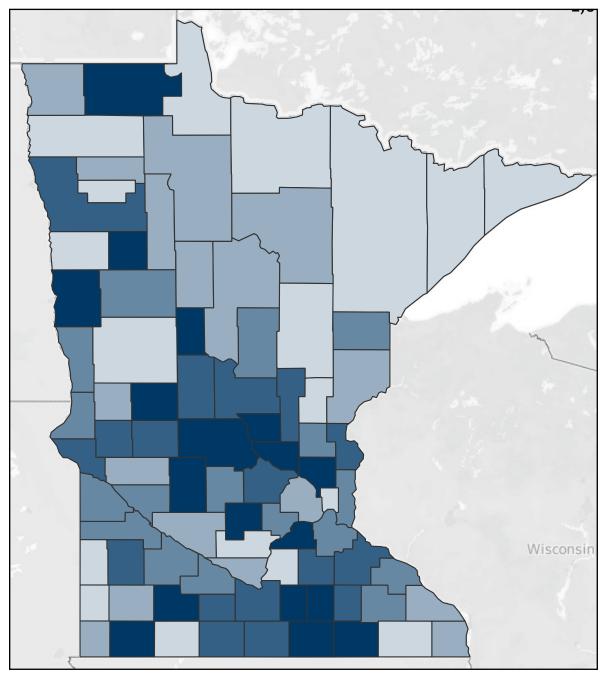
- Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

1,411,593 Total Positive Cases (cumulative)

1.389.641 No Longer Needing Isolation (cumulative)

County	Cases (cumulative)	Cases no longer needing isolation	County	Cases (cumulative)	Cases no longer needing isolation
Aitkin	2,898	2,800	Martin	5,495	5,375
Anoka	97,268	95,948	McLeod	10,376	10,181
Becker	8,594	8,437	Meeker	5,782	5,664
Beltrami	11,266	11,018	Mille Lacs	7,103	6,942
Benton	13,743	13,481	Morrison	8,952	8,781
Big Stone	1,361	1,337	Mower	11,682	11,523
Blue Earth	17,413	17,211	Murray	1,999	1,974
Brown	6,454	6,351	Nicollet	7,821	7,708
Carlton	8,724	8,555	Nobles	6,877	6,800
Carver	26,149	25,864	Norman	1,466	1,449
Cass	6,742	6,590	Olmsted	39,545	38,848
Chippewa	3,022	2,934	Otter Tail	13,290	13,016
Chisago	14,352	14,142	Pennington	3,459	3,380
Clay	19,415	19,147	Pine	6,920	6,809
Clearwater	2,105	2,063	Pipestone	1,971	1,932
Cook	538	528	Polk	8,474	8,301
Cottonwood	3,173	3,106	Pope	2,913	2,876
Crow Wing	15,714	15,436	Ramsey	121,634	119,557
Dakota	107,742	106,388	Red Lake	922	905
Dodge	5,561	5,484	Redwood	3,828	3,757
Douglas	10,723	10,519	Renville	3,598	3,495
Faribault	3,705	3,628	Rice	17,390	17,122
Fillmore	4,625	4,557	Rock	2,305	2,268
Freeborn	8,872	8,699	Roseau	4,357	4,301
Goodhue	12,761	12,498	Scott	39,593	39,150
Grant	1,435	1,415	Sherburne	26,973	26,641
Hennepin	293,437	289,238	Sibley	3,435	3,369
Houston	4,373	4,314	St. Louis	45,693	44,651
Hubbard	4,834	4,734	Stearns	49,934	49,285
Isanti	9,992	9,816	Steele	10,191	10,023
Itasca	10,821	10,601	Stevens	2,585	2,547
Jackson	2,123	2,098	Swift	2,269	2,223
Kanabec	3,452	3,375	Todd	6,625	6,490
Kandiyohi	13,201	12,946	Traverse	823	805
Kittson	1,020	992	Wabasha	5,428	5,362
Koochiching	2,647	2,578	Wadena	4,095	4,006
Lac qui Parle	1,719	1,670	Waseca	5,397	5,334
Lake	1,994	1,954	Washington	65,673	64,804
Lake of the Woods	742	732	Watonwan	2,910	2,866
Le Sueur	6,362	6,271	Wilkin	1,611	1,574
Lincoln	1,198	1,186	Winona	12,327	12,135
Lyon	6,992	6,879	Wright	36,055	35,567
Mahnomen	1,670	1,628	Yellow Medicine	2,482	2,432
Marshall	2,025	1,972	Unknown/missing	6,378	6,293

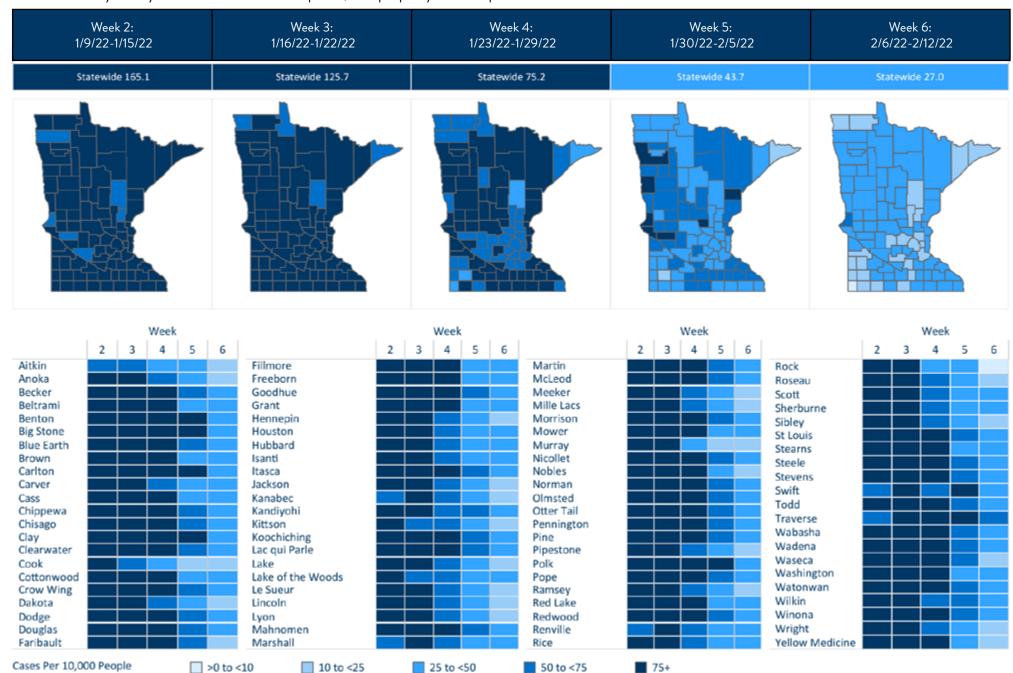
Cumulative number of cases by county of residence per 10,000 people.



	per 10,000 people		
County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,830	Martin	2,752
Anoka	2,800	McLeod	2,896
Becker	2,545	Meeker	2,505
Beltrami	2,443	Mille Lacs	2,761
Benton	3,455	Morrison	2,717
Big Stone	2,713	Mower	2,950
Blue Earth	2,626	Murray	2,393
Brown	2,560	Nicollet	2,315
Carlton	2,455	Nobles	3,149
Carver	2,604	Norman	2,235
Cass	2,323	Olmsted	2,584
Chippewa	2,516	Otter Tail	2,292
Chisago	2,622	Pennington	2,439
Clay	3,092	Pine	2,376
Clearwater	2,389	Pipestone	2,146
Cook	1,013	Polk	2,682
Cottonwood	2,790	Pope	2,653
Crow Wing	2,461	Ramsey	2,246
Dakota	2,576	Red Lake	2,300
Dodge	2,702	Redwood	2,497
Douglas	2,882	Renville	2,444
Faribault	2,666	Rice	2,644
Fillmore	2,214	Rock	2,449
Freeborn	2,906	Roseau	2,818
Goodhue	2,761	Scott	2,762
Grant	2,417	Sherburne	2,893
Hennepin	2,375	Sibley	2,304
Houston	2,343	St. Louis	2,284
Hubbard	2,317	Stearns	3,184
Isanti	2,564	Steele	2,779
Itasca	2,394	Stevens	2,642
Jackson	2,113	Swift	2,411
Kanabec	2,157	Todd	2,711
Kandiyohi	3,095	Traverse	2,466
Kittson	2,352	Wabasha	2,525
Koochiching	2,093	Wadena	3,001
Lac qui Parle	2,538	Waseca	2,869
Lake	1,887	Washington	2,593
Lake of the Woods	1,948	Watonwan	2,652
Le Sueur	2,274	Wilkin	2,540
Lincoln	2,099	Winona	2,424
Lyon	2,706	Wright	2,716
Mahnomen	3,033	Yellow Medicine	2,515
Marshall	2,156		
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Weekly Case Rate by County of Residence

Number of cases by county of residence in Minnesota per 10,000 people by week of specimen collection.



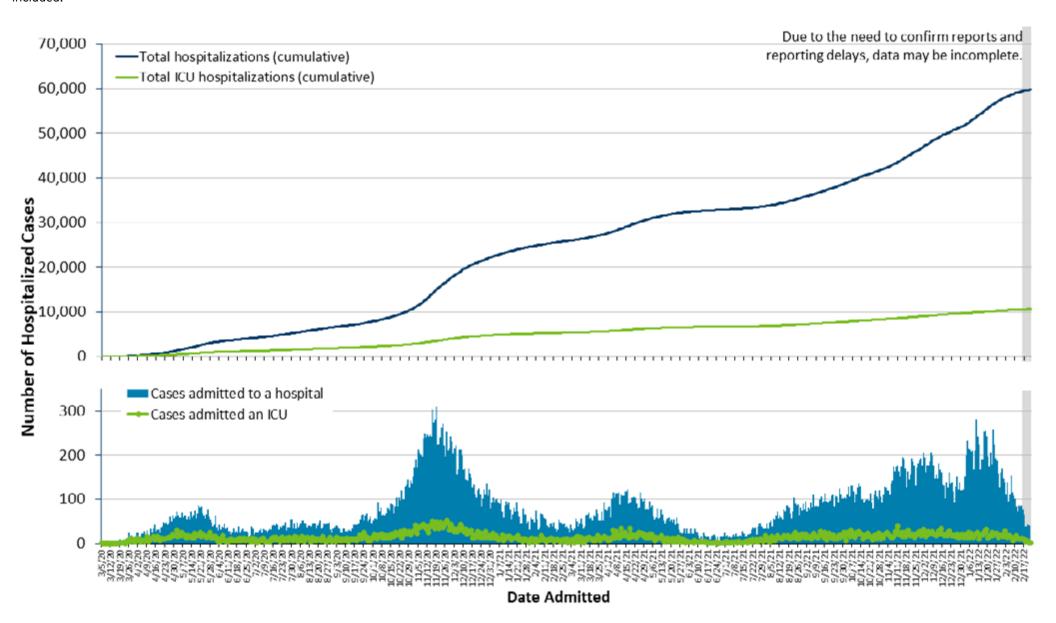
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

60,212
Total Hospitalizations
(cumulative)

11,151
Total ICU Hospitalizations
(cumulative)

Hospitalization data show how many people required admission to a hospital and ICU. Admissions include all Minnesota cases regardless of location of hospitalization. Cases in residents of other states hospitalized in Minnesota are not included.

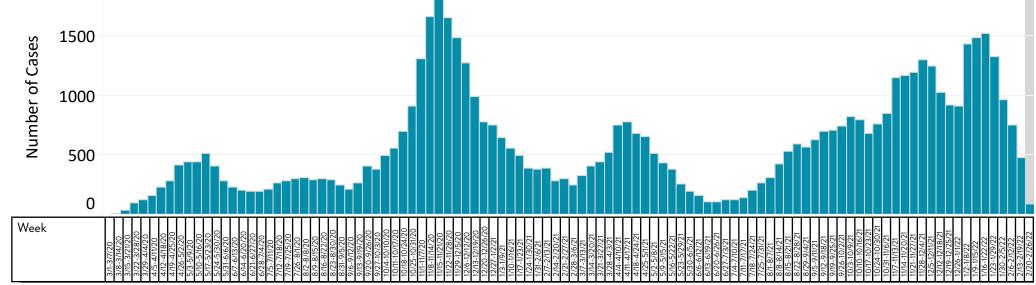


[■] Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Hospitalizations by Week, 7-Day Average

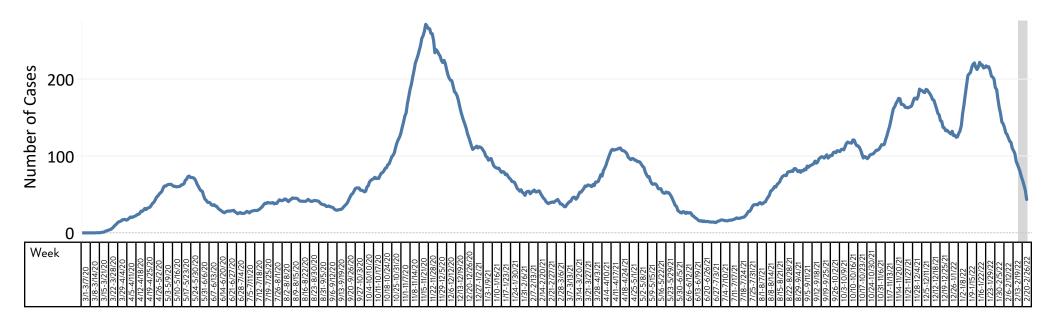
Cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.





Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

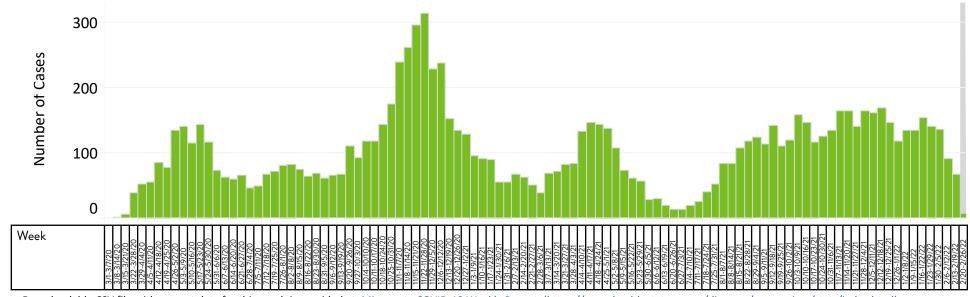
Seven Day Moving Average of New Hospitalizations



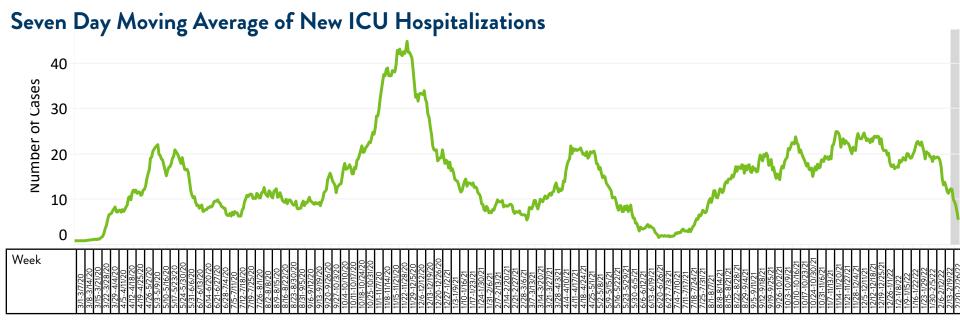
ICU Hospitalizations by Week, 7-Day Average

Cases by week of ICU hospital admission, and 7-day moving average of new ICU hospitalizations.

New ICU Hospitalizations by Week of First ICU Hospital Admission



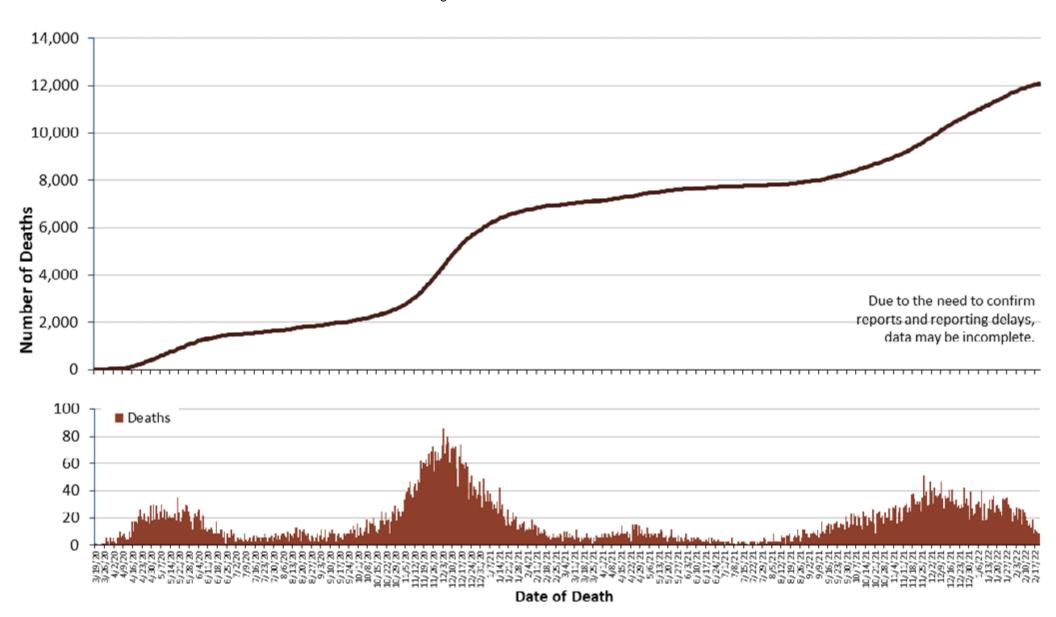
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)



COVID-19 Deaths

12,066
Total Deaths
(cumulative)

Total deaths (also known as total deaths with laboratory testing) are deaths due to COVID-19 with a positive PCR test (confirmed case) or antigen test (probable case) for SARS-CoV-2, and either COVID-19 is listed on the death certificate or clinical history/autopsy findings that provide evidence that the death is related to COVID-19 without an alternative cause (i.e. drowning, homicide, trauma, etc.).

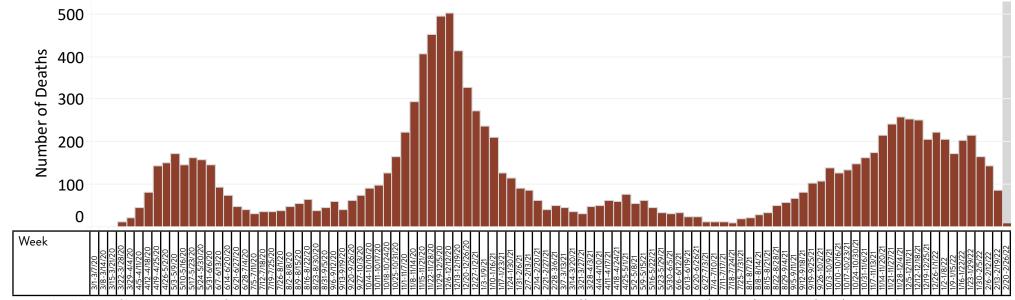


■ Tables of current data and more information about deaths: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

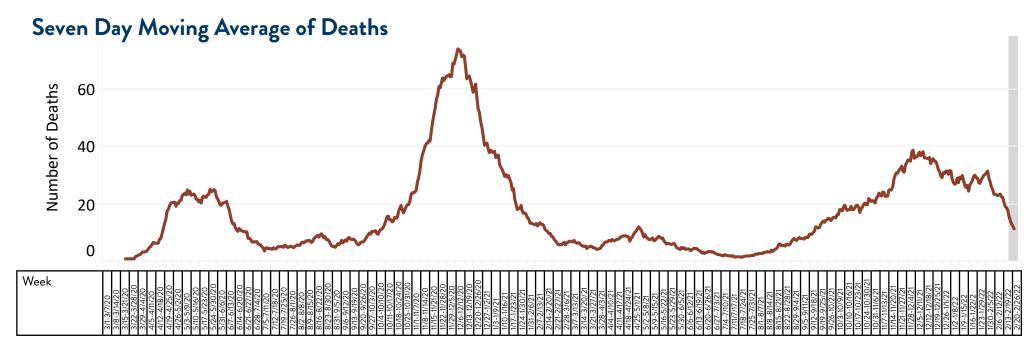
Deaths by Week, 7-Day Average

Cases by week of death, and 7-day moving average of deaths.

Deaths by Week of Death

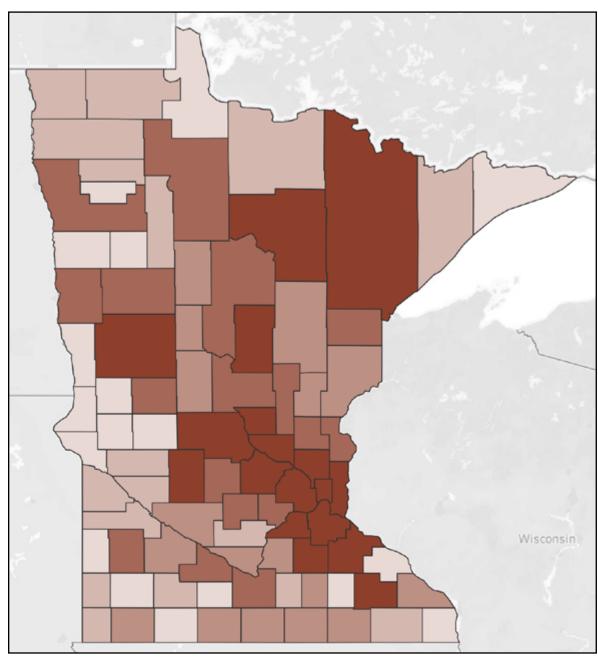


[■] Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)



Deaths by County of Residence

Cumulative number of deaths by county of residence.



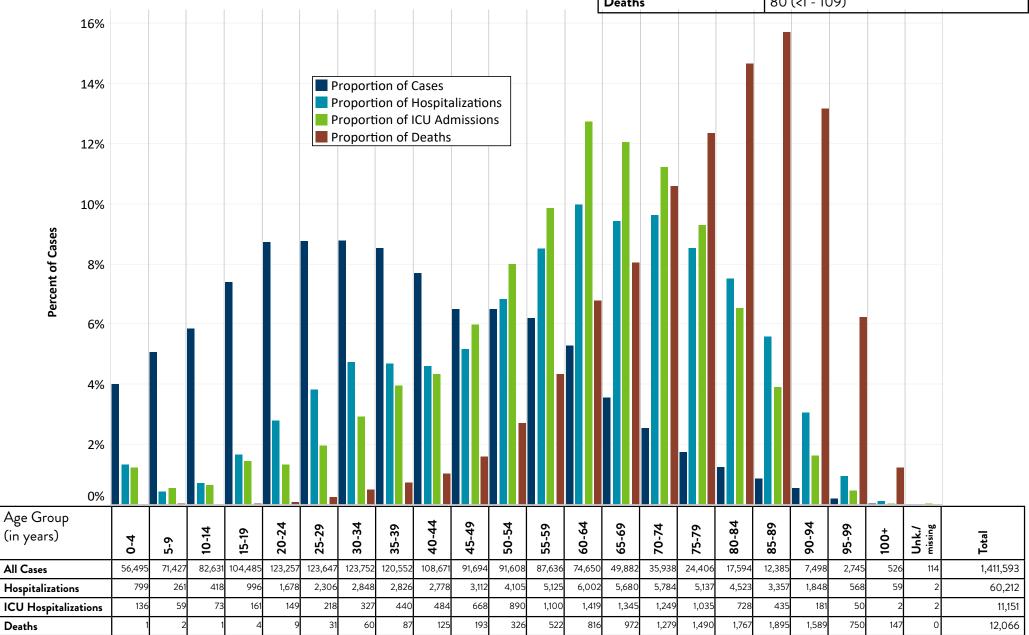
■ Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

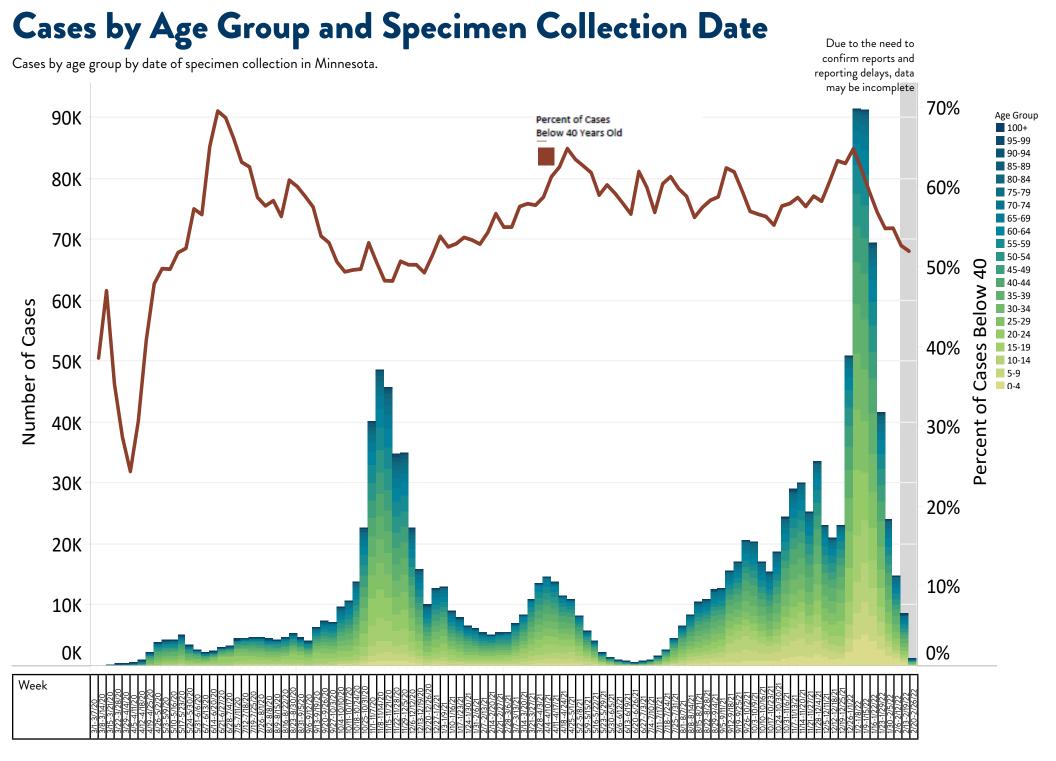
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Demograp	hics:	Age
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Cumulative number of cases, hospitalizations, and deaths by age group, median age, and age range.

	Median Age (Range) in Years
All Cases	35 (<1 month - 113)
Non-Hospitalized Cases	34 (<1 month - 113)
Hospitalizations	62 (<1 month - 105)
ICU Hospitalizations	62 (<1 month - 105)
Deaths	80 (<1 - 109)



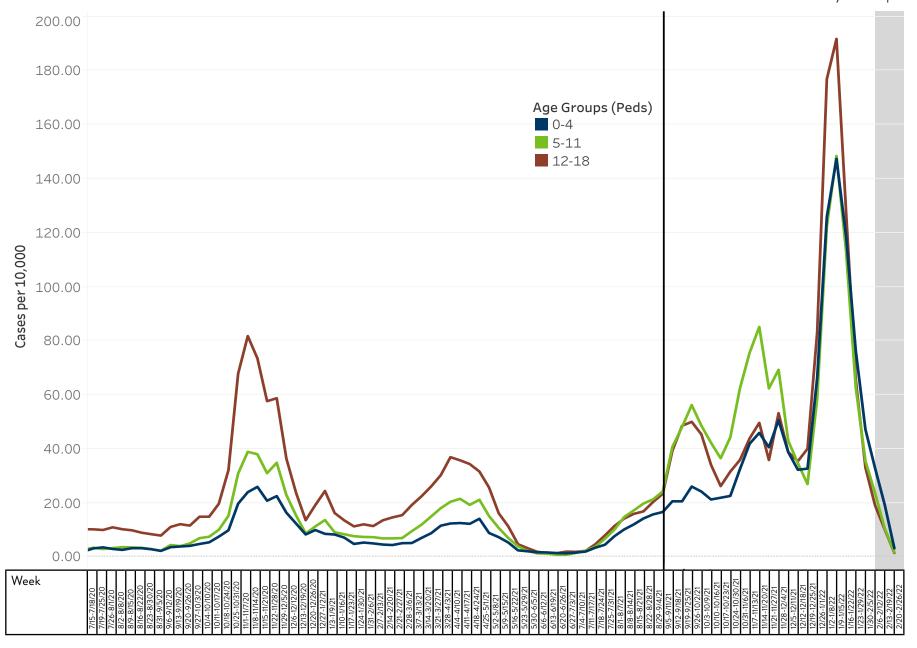


Downloadable CSV file of current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Case Rate in Children by Specimen Collection Date

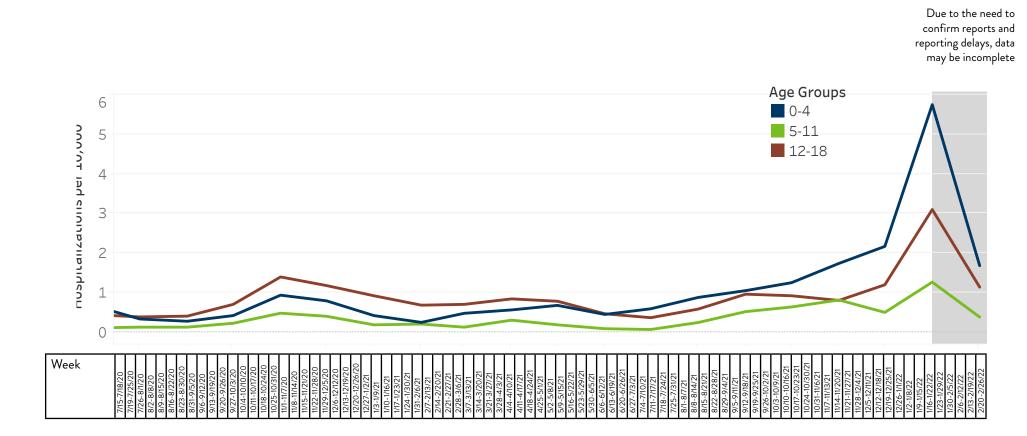
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

Due to the need to confirm reports and reporting delays, data may be incomplete



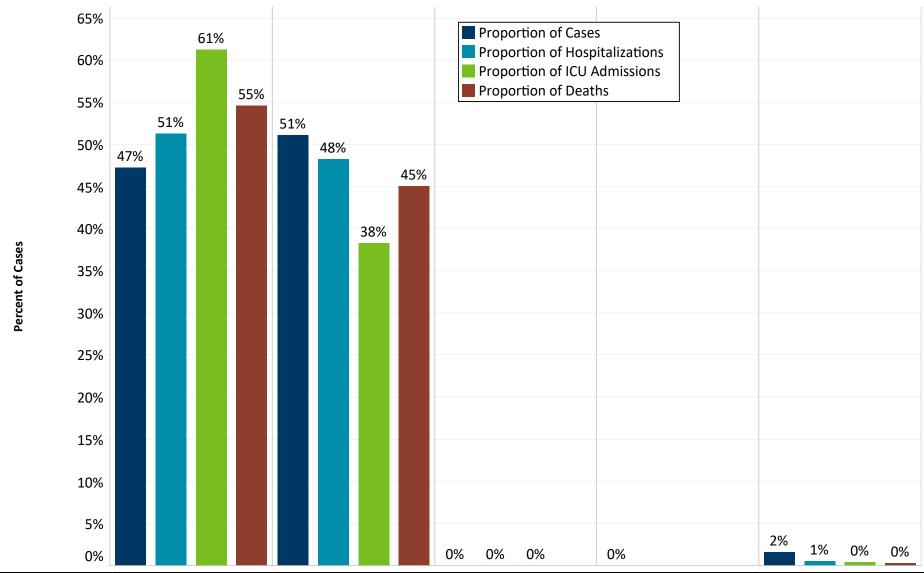
Hospitalization Rate in Children by Specimen Collection Date

Hospitalizations by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.



Demographics: Gender

Cumulative number of cases, hospitalizations, and deaths by gender. Gender is collected during case interview and is self-reported.

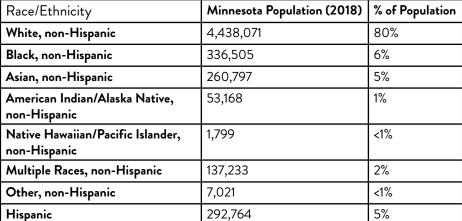


Gender	Male	Female	Other	Unk./missing	Total
All Cases	667,404	720,634	245	23,310	1,411,593
Hospitalizations	30,863	29,025	3	321	60,212
ICU Hospitalizations	6,830	4,271	1	49	11,151
Deaths	6,589	5,442	0	35	12,066

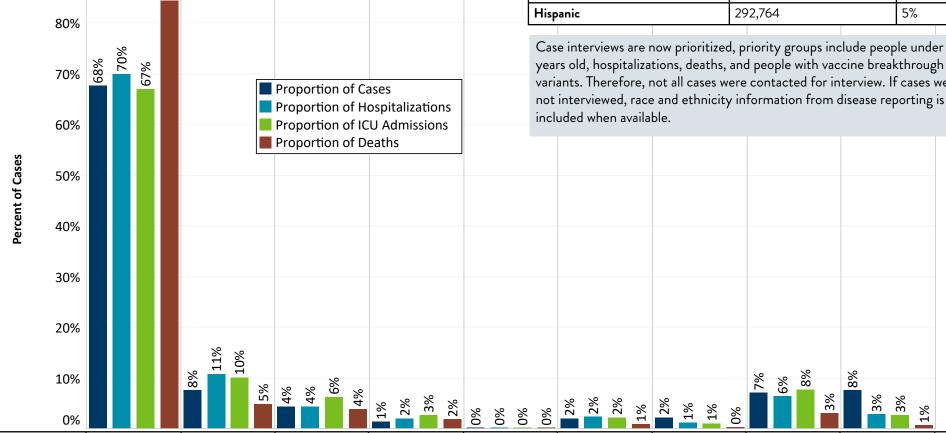
Demographics: Race & Ethnicity

Cumulative number of cases, hospitalizations, and deaths by race and ethnicity. Race and ethnicity is reported during case interview. Individuals who report more than one race are categorized into the multiple race category.

90%



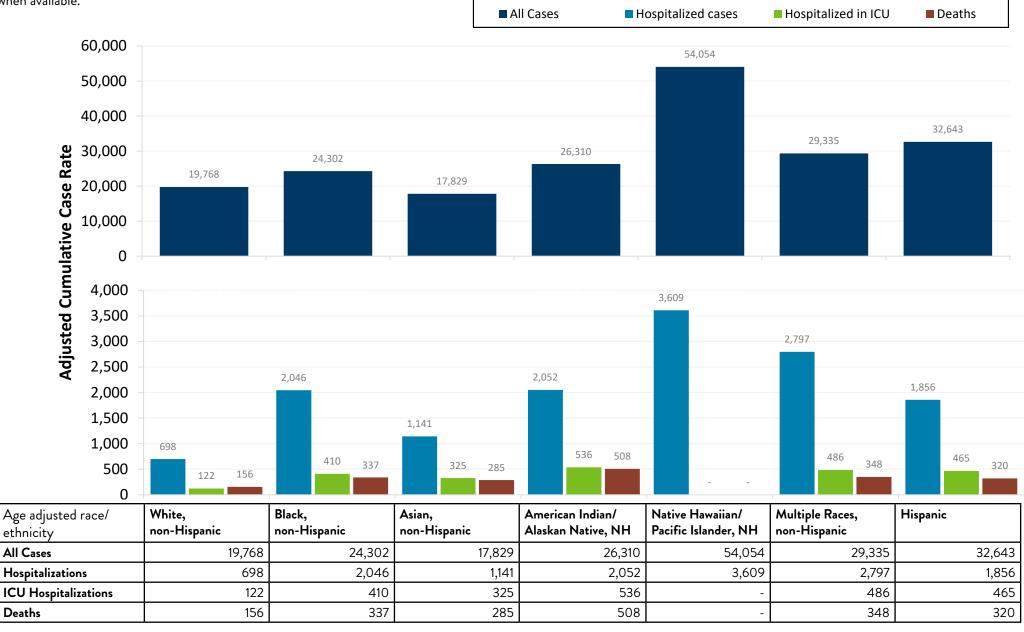
Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were



Race/ethnicity	White,	Black,	Asian,	Amer. Indian/	Native HI/	Multiple Races,	Other,	Hispanic	Unknown/	Total
,	non-Hispanic	non-Hispanic	non-Hispanic	AK Native, NH	Pacific Isl., NH	non-Hispanic	non-Hispanic	-	missing	
All Cases	955,790	107,505	62,013	17,846	1,790	28,877	31,569	99,377	106,826	1,411,593
Hospitalizations	42,158	6,443	2,676	1,176	93	1,407	659	3,832	1,768	60,212
ICU Hospitalizations	7,472	1,134	691	303	17	246	121	863	304	11,151
Deaths	10,188	586	459	226	15	110	36	364	82	12,066

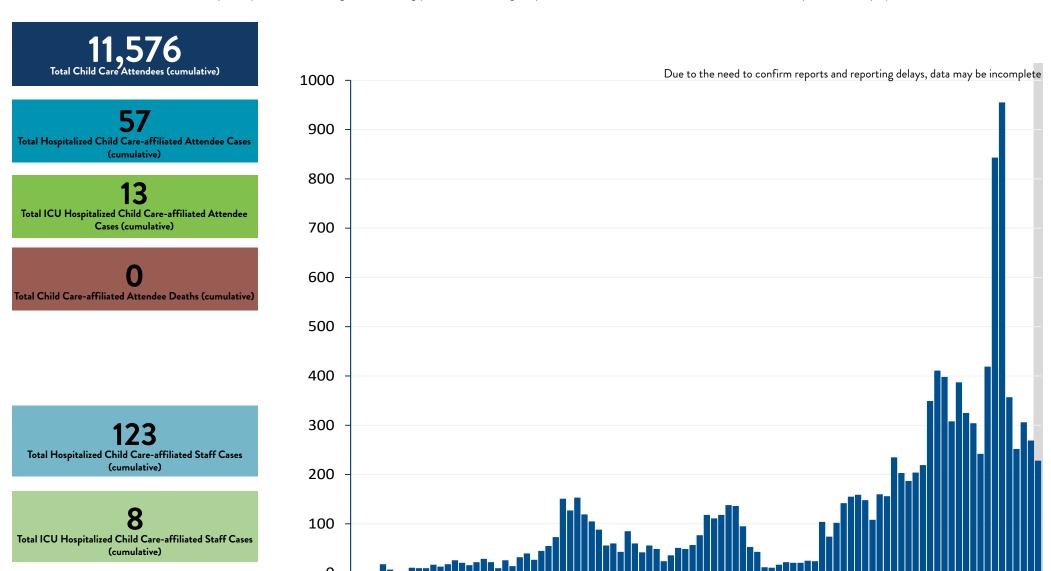
Age-Adjusted Race & Ethnicity Rates

Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total cases are less than 25. Cumulative case rate is the number of cases by race or ethnicity per 100,000 people in Minnesota. Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were not interviewed, race and ethnicity information from disease reporting is included when available.



Potential Exposure in Child Care Settings

Cases of COVID-19 among children who attended child care with potential exposure in child care settings by specimen collection date. Data also include hospitalizations, ICU hospitalizations, and deaths of attendees and staff associated with a childcare program. All adult cases are not routinely interviewed. Child care programs included: licensed child care centers, certified centers, summer day camps, and school-age care during peacetime emergency. Does not include in-home child cares. Cases by week are by specimen collection date.



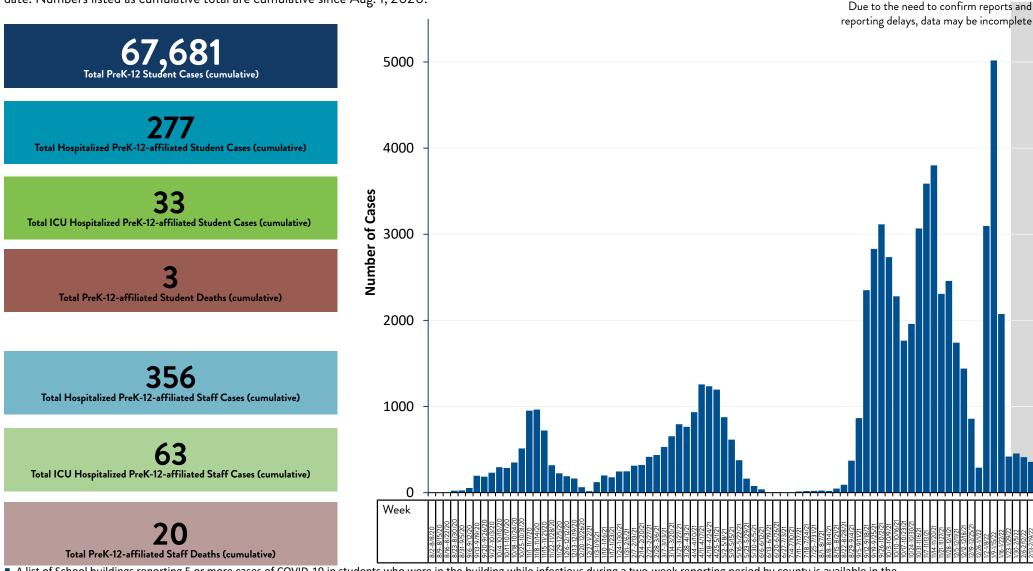
Week

Total Child Care-affiliated Staff Deaths (cumulative)

Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Student Cases Associated with Pre-K through Grade 12 School Buildings

Cases of COVID-19 associated with students attending school and hospitalizations, ICU hospitalizations, and deaths of staff working at a prekindergarten through grade 12 building while they were able to spread COVID-19. All adult cases are not routinely interviewed. These numbers include cases exposed in a school setting, cases exposed in other settings, and cases where the exposure setting was not confirmed. All Minnesota schools are represented including public, nonpublic, and tribal schools. Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.



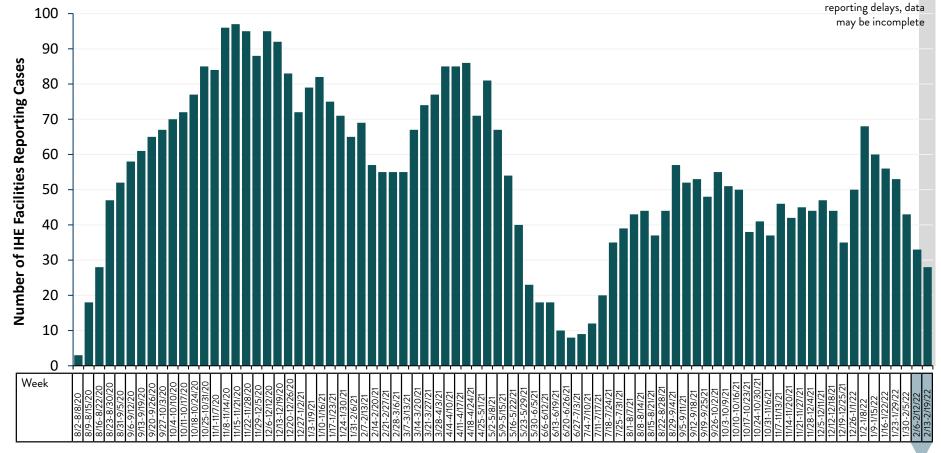
- A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)
- Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Minnesota IHE Facilities Reporting Cases

Number of facilities that have had cases of COVID-19 in faculty, staff, and students working or enrolled at a Minnesota IHE while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Number of IHE Facilities reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

154
Total IHE Facilities that have Reported at Least One Case (cumulative)

Due to the need to confirm reports and reporting delays, data may be incomplete



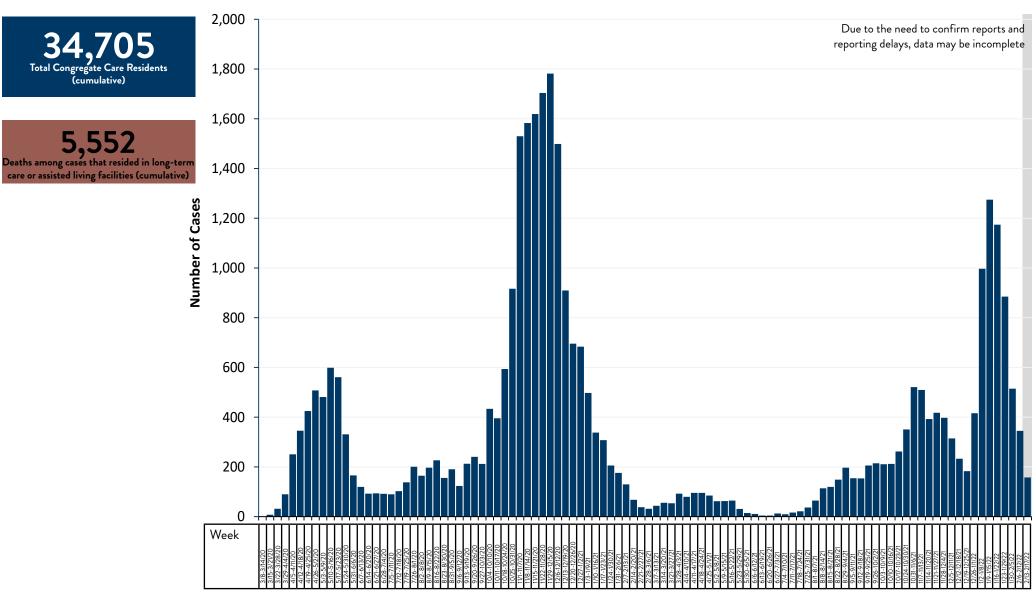
The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 2/6-2/19/22
1-10 cases	37
11-30 cases	4
31-99 cases	2
≥100 cases	0
Total	43

■ Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Resident Cases Associated with Congregate Care Settings

Cases of COVID-19 associated with residents living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component.

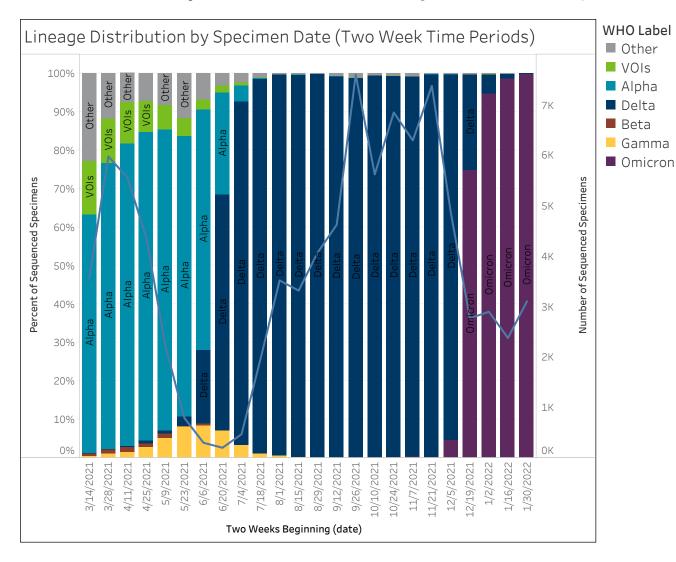


- A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

SARS-CoV-2 Variants Circulating in Minnesota

Lineage distribution of SARS-CoV-2 variants in Minnesota. The line indicates number of specimens sequenced, while the bars show proportions of each variant identified.

SARS-CoV-2 Variants of Concern (VOC) are named using the World Health Organization (WHO) naming conventions, Variants of Interest (VOI) are included as a group. More information about naming variants can be found at WHO: Tracking SARS-CoV-2-variants/)

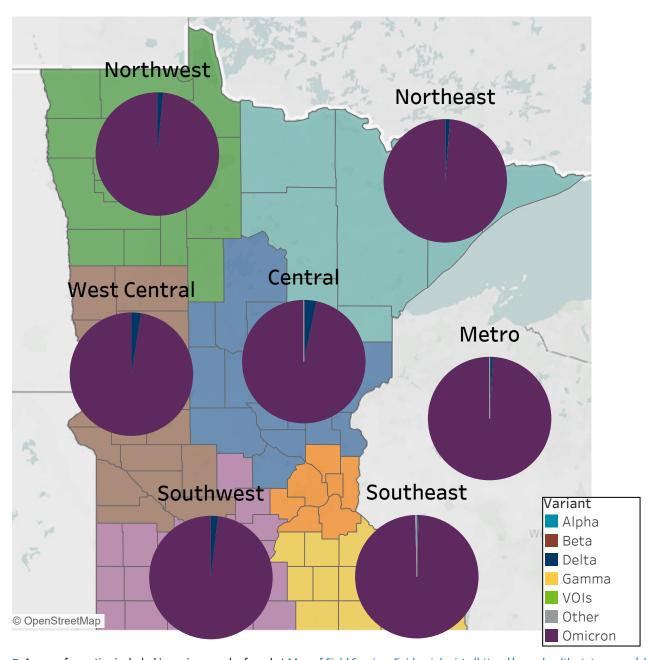


Varian	Variant Distribution Since 1/9/2022*				
Delta	B.1.617.2	1.33%			
Other	Other	0.05%			
Omicron	B.1.1.529	98.62%			

^{*}All VOI and VOC are included in this list, as well as any lineages that account for ≥1% of all specimens sequenced since 1/9/2022. All other lineages are included in the 'Other' category.

SARS-CoV-2 Variants by Region

This map shows the distribution of variants across regions in the past 30 days for the cases that have been sequenced.



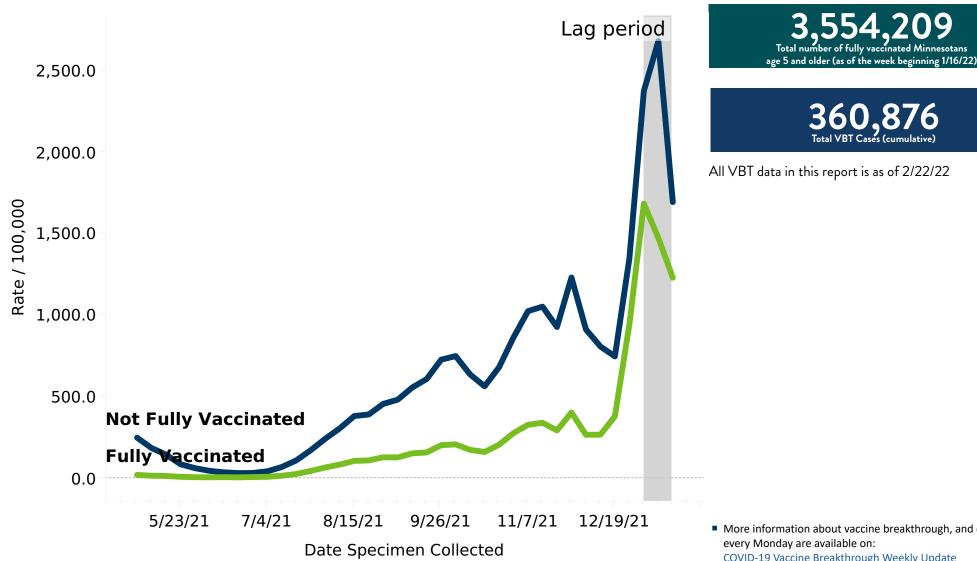
Region & Variant	Variant %	Region & Variant	Variant %
Northwest		Northeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	1.48%	Delta	1.24%
Gamma	0.00%	Gamma	0.00%
Omicron	98.52%	Omicron	98.76%
Other	0.00%	Other	0.00%
VOIs	0.00%	VOIs	0.00%
West Central		Central	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	2.48%	Delta	3.27%
Gamma	0.00%	Gamma	0.00%
Omicron	97.52%	Omicron	96.63%
Other	0.00%	Other	0.10%
VOIs	0.00%	VOIs	0.00%
Southwest		Southeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	1.81%	Delta	0.44%
Gamma	0.00%	Gamma	0.00%
Omicron	98.19%	Omicron	99.12%
Other	0.00%	Other	0.44%
VOIs	0.00%	VOIs	0.00%
Metro			
Alpha	0.00%		
Beta	0.00%		
Delta	0.86%		
Gamma	0.00%		
Omicron	99.10%		
Other	0.04%		
VOIs	0.00%		

A map of counties included in regions can be found at Map of Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html).

Vaccine Breakthrough (VBT) Cases

Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month for reporting purposes and excludes the rates prior to May since vaccine was not readily available to all Minnesotans prior to that date.

The rate per 100,000 people is calculated as the number of fully vaccinated people who test positive for SARS-CoV-2 divided by the total number of fully vaccinated people, multiplied by 100,000.

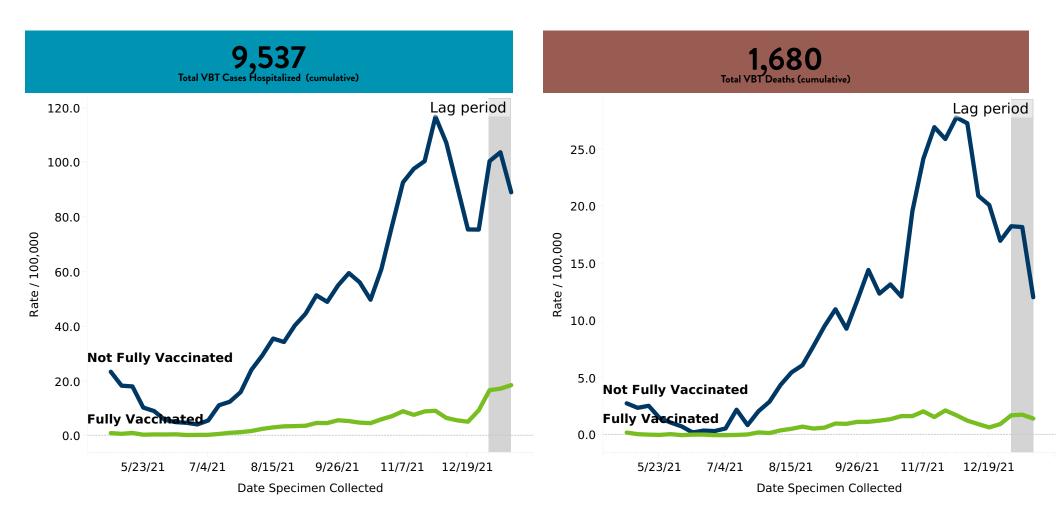


More information about vaccine breakthrough, and data updated

COVID-19 Vaccine Breakthrough Weekly Update (www.health.state.mn.us/diseases/coronavirus/stats/vbt.html)

VBT Hospitalizations and Deaths

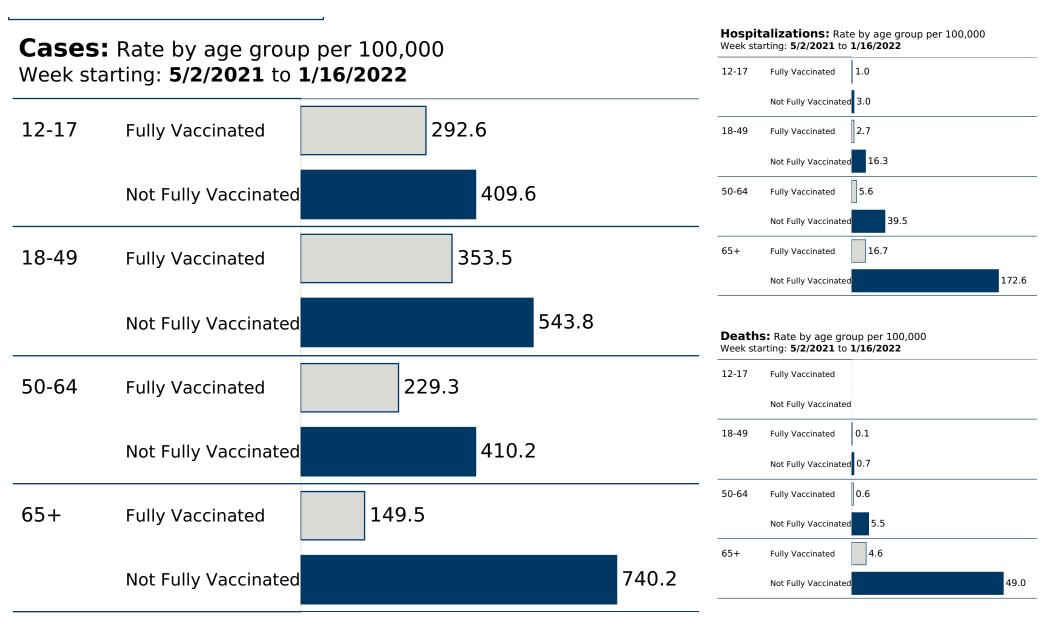
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.



[■] More information about vaccine breakthrough, and data updated every Monday are available on: COVID-19 Vaccine Breakthrough Weekly Update (www.health.state.mn.us/diseases/coronavirus/stats/vbt.html)

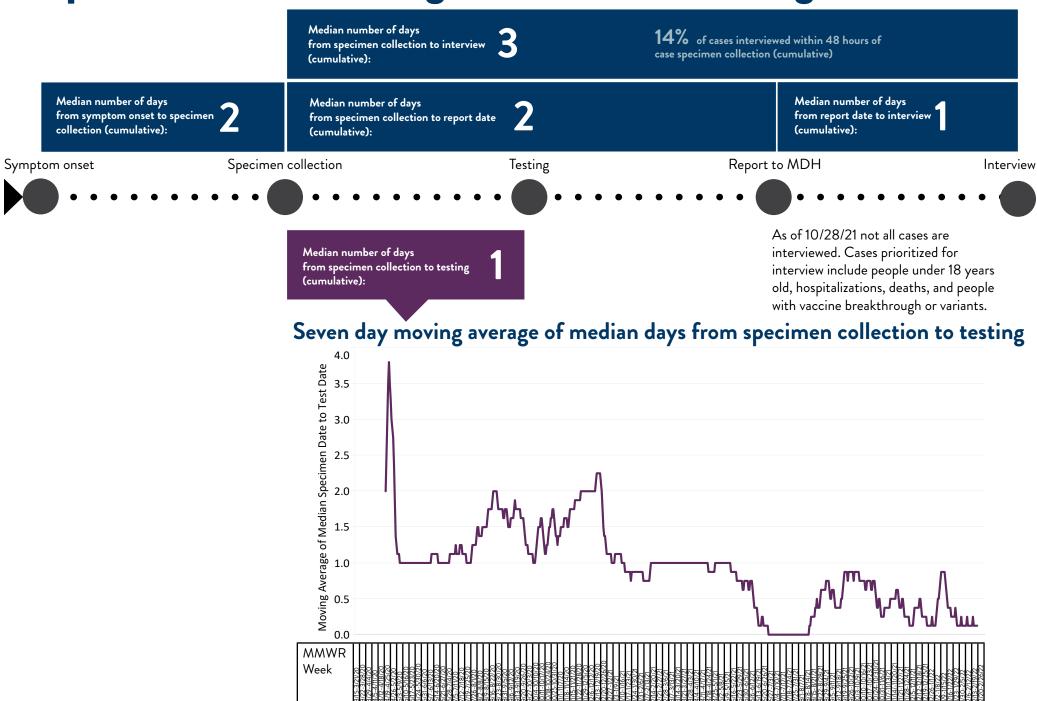
VBT Cases, Hospitalizations, and Deaths by Age Group

These graphs show vaccine breakthrough cases stratified by age to better illustrate the impact of COVID-19 across different age groups. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.



More information about vaccine breakthrough, and data updated every Monday are available on:
 COVID-19 Vaccine Breakthrough Weekly Update (www.health.state.mn.us/diseases/coronavirus/stats/vbt.html)

Response Metrics: Testing and Interview Timing



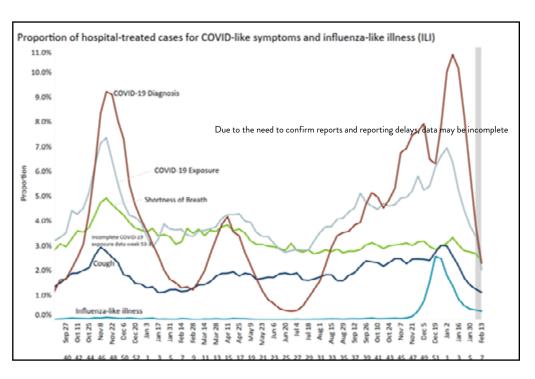
Syndromic Surveillance

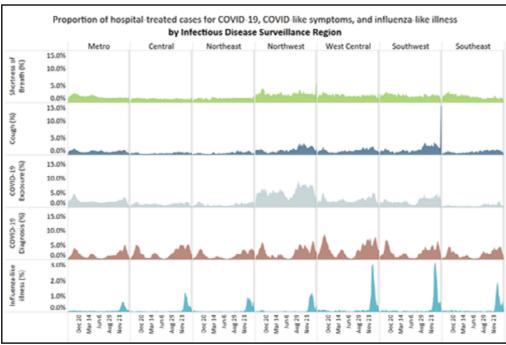
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

Syndromic surveillance is a type of public health surveillance that uses near real-time data to help identify unusual activity that might need further investigation. These data help public health officials detect, monitor, and respond quickly to local public health threats and events of public health importance. The Minnesota Department of Health is currently using data on COVID-19-related symptoms and chief complaints reported during emergency department and inpatient hospital visits to identify trends. This data can provide an early signal that something is happening in a community with the outbreak even if case counts are not increasing at that time.

Data include emergency-department and inpatient hospital visits for COVID-like illness through Februrary 19, 2022. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

Through Februrary 19, 2022, these data represent all patients from about 135 hospitals in Minnesota, covering approximately 90% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



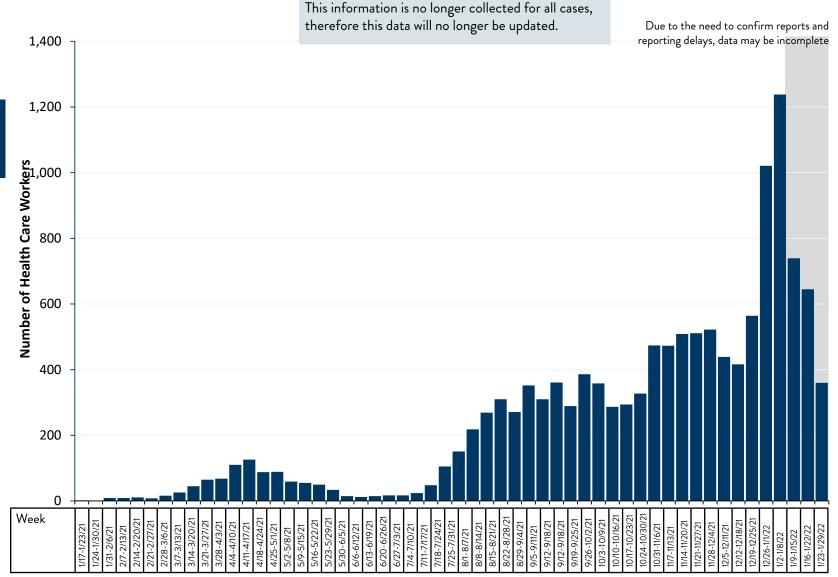


- Map of Counties and Infectious Disease Surveillance Regions can be found on: Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html)
- Further information and frequently asked questions syndromic surveillance can be found at: <u>Hospital Alerting for Syndromic Surveillance: COVID-19/SAR-CoV-2 (https://www.health.state.mn.us/diseases/coronavirus/hcp/syndromic.html)</u>

VBT Cases among Health Care Workers (Archived)

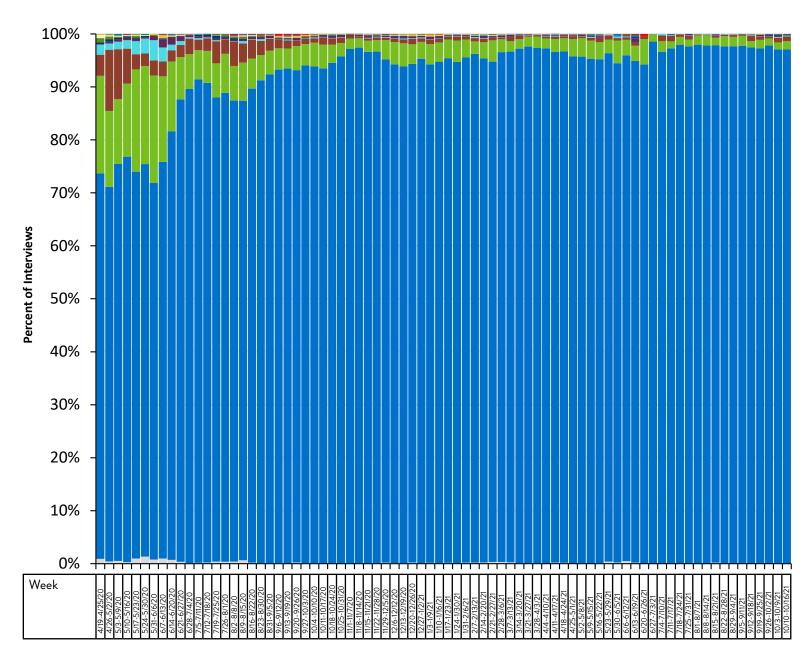
These data are for all vaccine breakthrough cases who reported their occupation as health care staff in acute care or congregate care facilities. Vaccine breakthrough cases are defined as Minnesota residents with a positive test result (both confirmed and probable) with onset date (or specimen collection date if asymptomatic) 14 or more days post full vaccine series and no positive COVID-19 result in the 90 days prior to their COVID infection.





Demographics: Interview Language (Archived)

Language needs for cases interviewed by specimen collection date week. It is assumed that any interview recorded as not needing an interpreter was conducted in English.



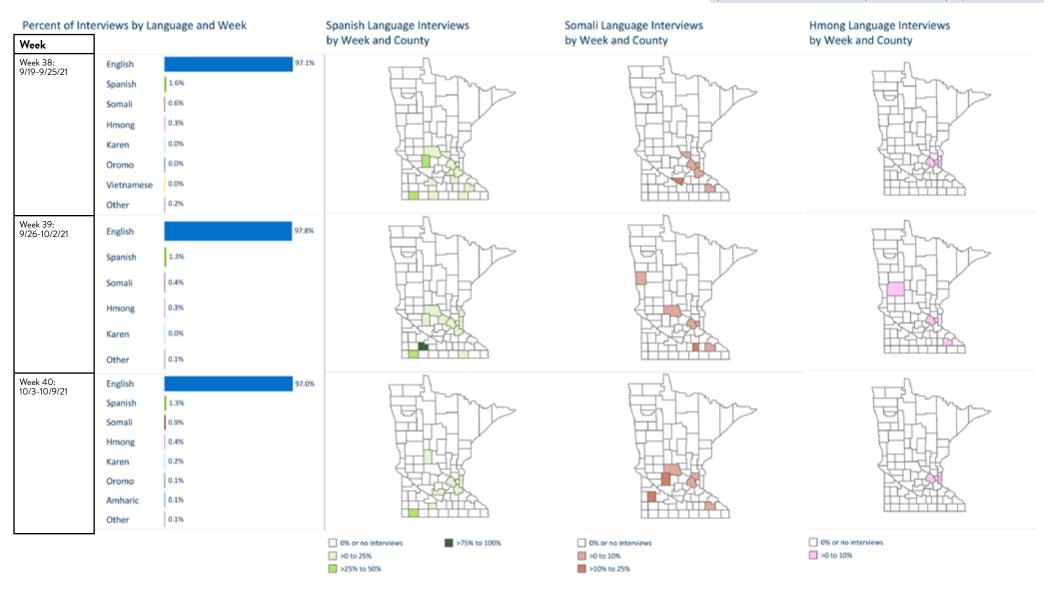
This information is no longer collected for all cases, therefore this data will no longer be updated.

Language	Total % of Interviews		
_ Mandarin	<1%		
Cantonese	<1%		
Russian	<1%		
Arabic	<1%		
Vietnamese	<1%		
Laotian	<1%		
Amharic	<1%		
■ Oromo	<1%		
■ Hmong	<1%		
Karen	<1%		
■ Somali	1%		
Spanish	4%		
English	94%		
■ Other	<1%		

Interview Language by County of Residence (Archived)

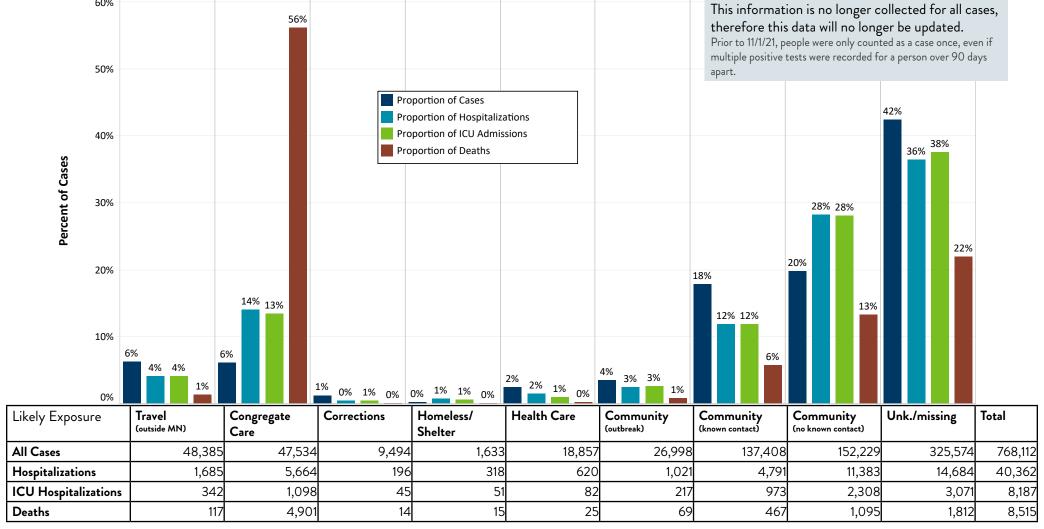
Percent of interviews by language and week of specimen collection by county of residence.

This information is no longer collected for all cases, therefore this data will no longer be updated.



Likely Exposure (Archived)

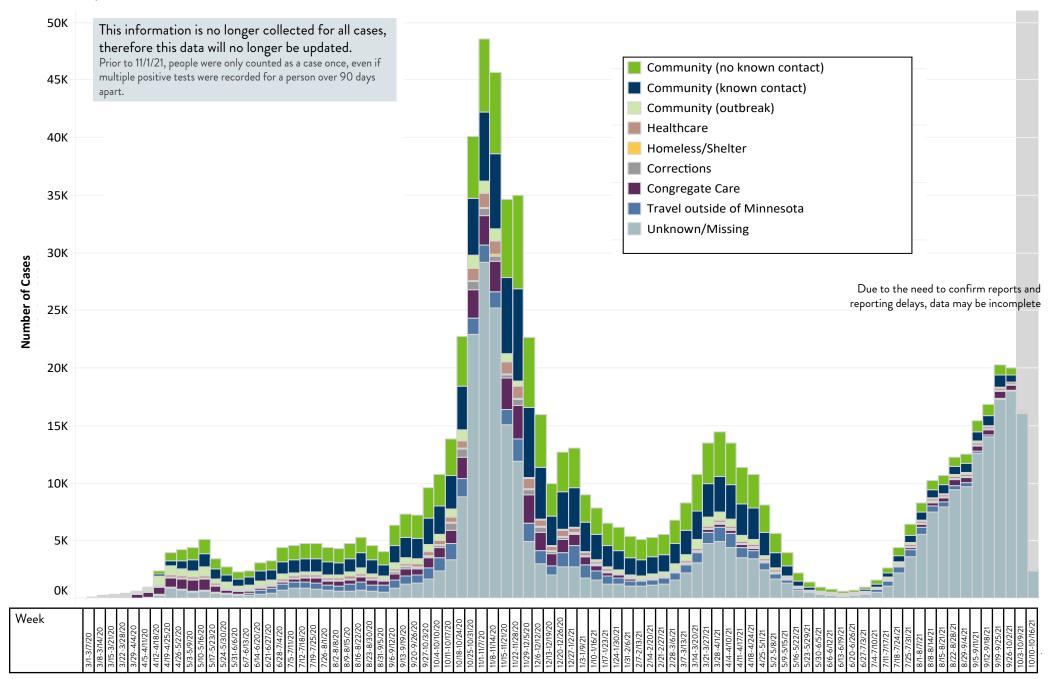
Likely exposure for confirmed and probable cases. Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known contact, community-no known exposure.



- Community (outbreak): Case was exposed to a known outbreak setting in Minnesota that is not also a congregate living setting (e.g., long-term care, corrections, shelter) or health care setting. This includes restaurant/bars, sports, worksites that are not living settings, etc.
- Travel: Case traveled outside of Minnesota in the 2 weeks before illness.
- Congregate Care Setting: Residents, and staff who are not part of a non-congregate care setting outbreak and did not have an exposure to a positive household member. Congregate care settings include long-term care facilities (LTCF), assisted living facilities, group homes, or residential behavioral health (RBH) facilities.
- Corrections: Inmates who were exposed while incarcerated, and staff of a jail/prison setting who are not part of a non-corrections outbreak and did not have an exposure to a positive household member.
- Homeless/Shelter: Residents/guests, and staff who are not part of a non-shelter outbreak and did not have an exposure to a positive household member.
- Health Care: Patients who were part of nosocomial outbreaks, and staff who are not part of a non-acute health care setting outbreak and did not have an exposure to a positive household member.
- Community (known contact with confirmed case): Case has a known exposure to a positive case and does not fit into any of the previous categories.
- Community (unknown contact with confirmed case): Case has no known exposure to a positive case and does not fit into any of the previous categories.

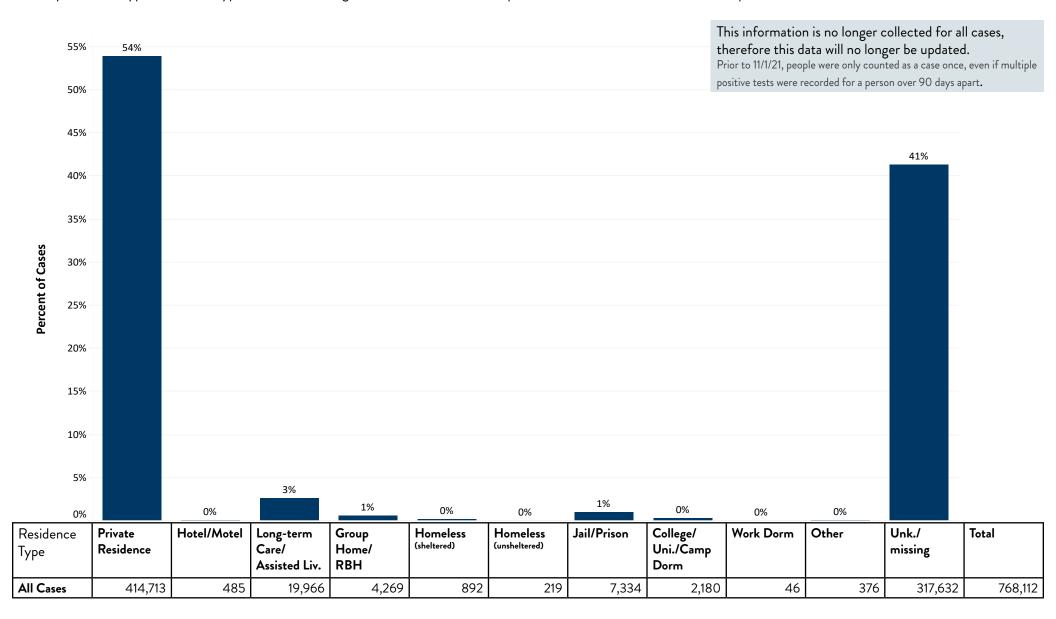
Cases by Likely Exposure and Specimen Collection Date (Archived)

Cases by likely exposure by specimen collection date. This chart shows how exposure to COVID-19 has changed over time during the pandemic in Minnesota. Numbers include confirmed and probable cases.



Residence Type (Archived)

Cases by residence type. Residence type is collected during case interview and is self-reported. Numbers include confirmed and probable cases.



Cases among Health Care Workers (Archived)

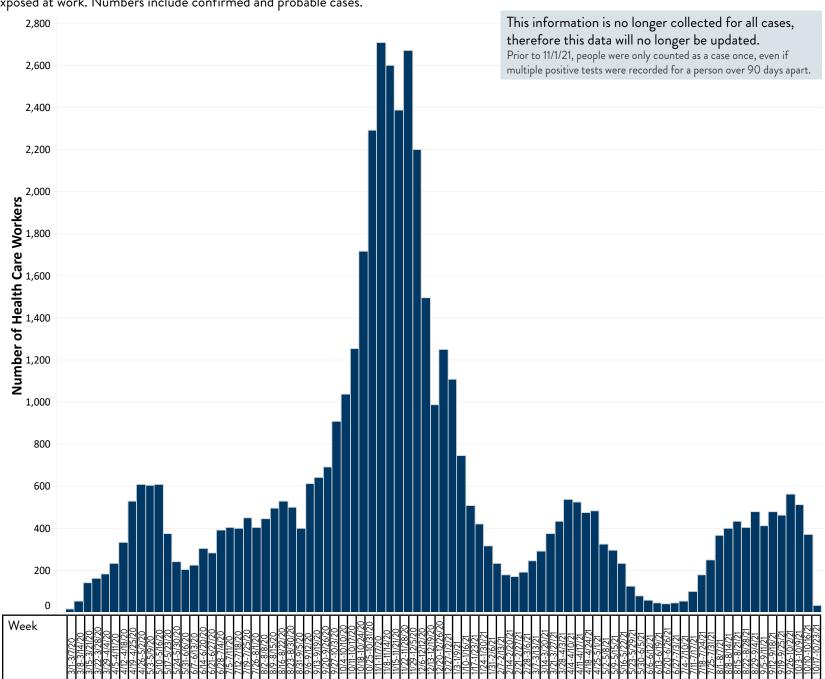
This data is for all cases who reported their occupation as health care staff in acute care or congregate care facilities. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.



1,247
Total Health Care Staff Hospitalized (cumulative)

207
Total Health Care Staff Hospitalized in ICU
(cumulative)

Total Health Care Staff Deaths
(cumulative)



High Risk Exposures in Health Care Workers (Archived)

MDH works with health care facilities to monitor health care workers who have had high-risk exposures with known positive patients/residents, co-workers, or social contacts. This data shows high-risk exposures experienced by health care workers in Minnesota who have been in contact with individuals with confirmed COVID-19 and the percent of exposures that lead to a positive test within 14 days of high-risk exposure (coworker, household/social, patient or resident). This data does not capture the exposures of all health care workers who become COVID-19 cases.

16,816
High Risk Health Care Worker Exposures (cumulative)

The data shown here summarizes high-risk exposures that occurred from March 6, 2020 –October 20, 2021.

Health care workers had 16,816 documented high-risk exposures

52% exposures happened at home or in the community

48% of exposures occurred at work

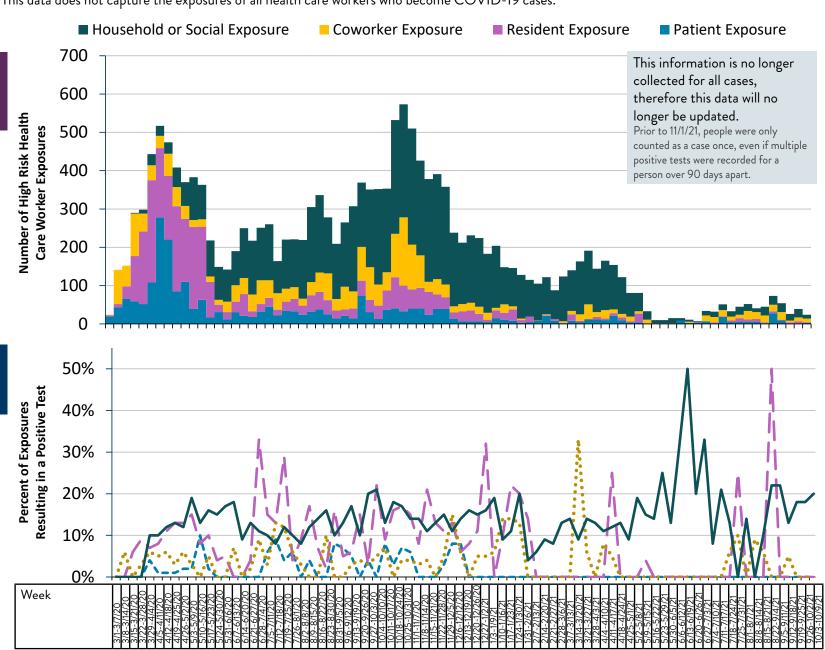
1,667

Total High Risk Health Care Worker Exposures
Reulting in a Positive Test (cumulative)

Risk of infection was highest after exposure at home or in the community

13% HCW tested positive after exposure to a positive household member or social contact

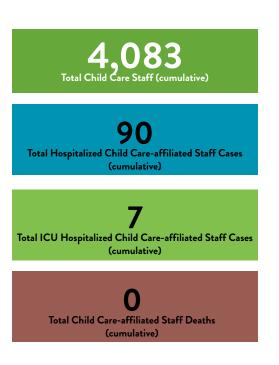
6% HCW tested positive after an exposure at work

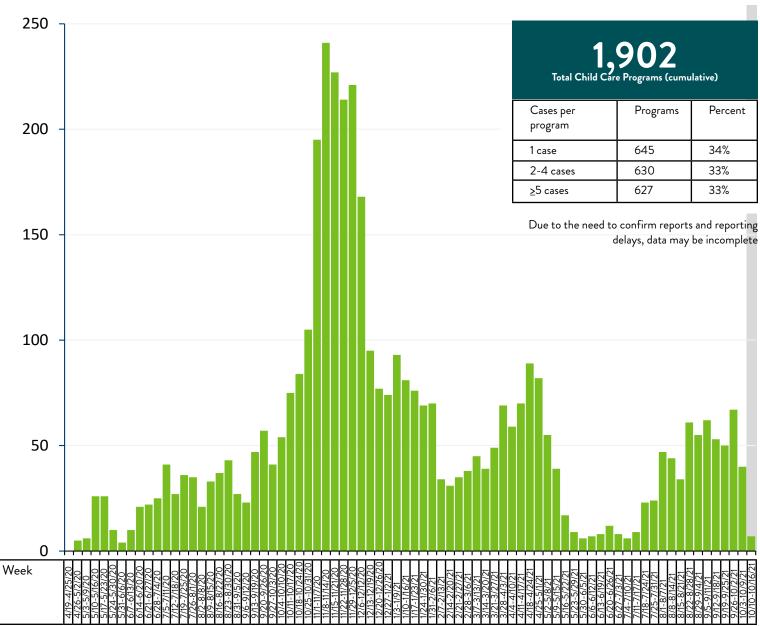


Staff with Potential Exposure in Child Care Settings (Archived)

Cases of COVID-19 with potential exposure in child care settings by specimen collection date. Cases included staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in the past 28 days. Child care programs included: licensed child care centers, certified centers, summer day camps, and school-age care during peacetime emergency. Does not include in-home child cares. Cases by week are by specimen collection date. Numbers include confirmed and probable cases.

This information is no longer collected for staff in child care settings.



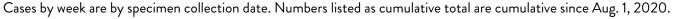


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

Cases of COVID-19 associated with school staff working in school at a prekindergarten through grade 12 building while they were able to spread COVID-19. These numbers include cases exposed in a school setting, cases exposed in other settings, and cases where the exposure setting was not confirmed. All Minnesota schools are represented including public, nonpublic, and tribal schools. Numbers include confirmed and probable cases.

This information is no longer collected for staff in Pre-K through Grade 12 Schools.

Prior to 11/1/21, people were only counted as a case once, even if multiple positive tests were recorded for a person over 90 days apart.





Total PreK-12 School Staff Cases (cumulative)

235

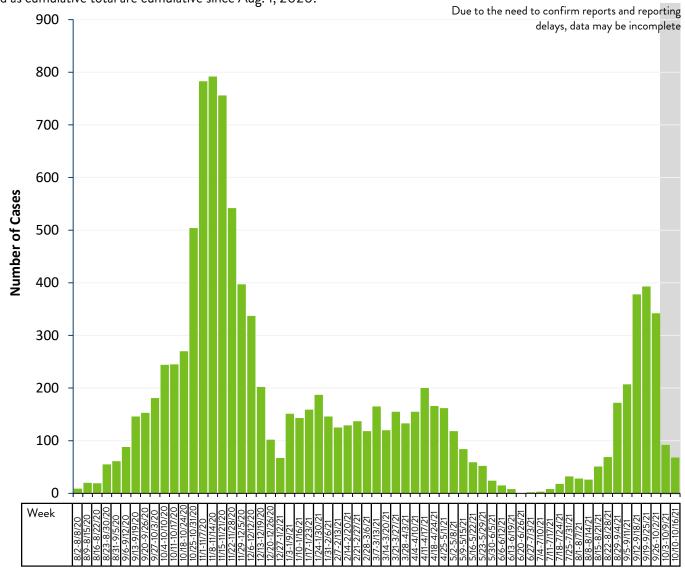
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

47

Total ICU Hospitalized PreK-12-affiliated Staff Cases (cumulative)

13

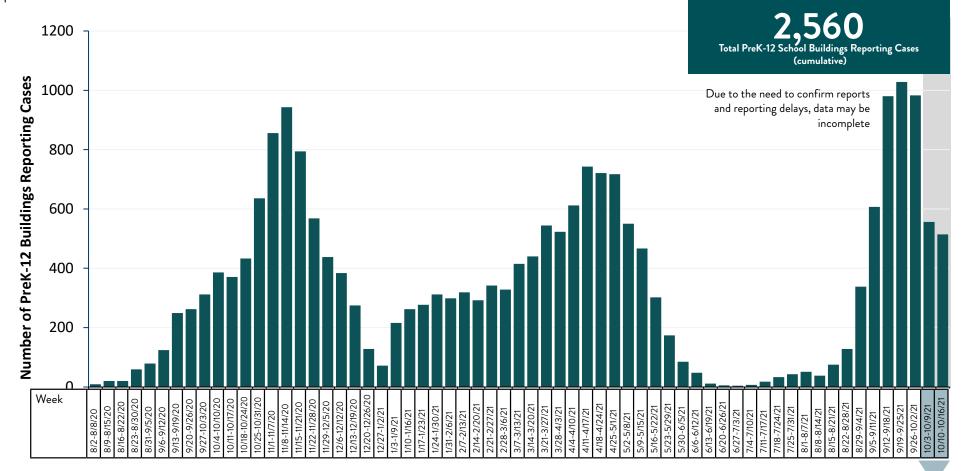
Total PreK-12-affiliated Staff Deaths (cumulative)



PreK-12 School Buildings Reporting Cases (Archived)

Schools included are public, non-public, and tribal schools. Number of school buildings reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020. Numbers include confirmed and probable cases.

This data will no longer be updated.



Cases per building	Number of buildings reporting cases 10/3-10/16/21			
1 case	405			
2-4 cases	324			
≥5 cases	99			
Total	828			

A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Cases that have an Affiliation with Institutes of Higher Education (IHE) (Archived)

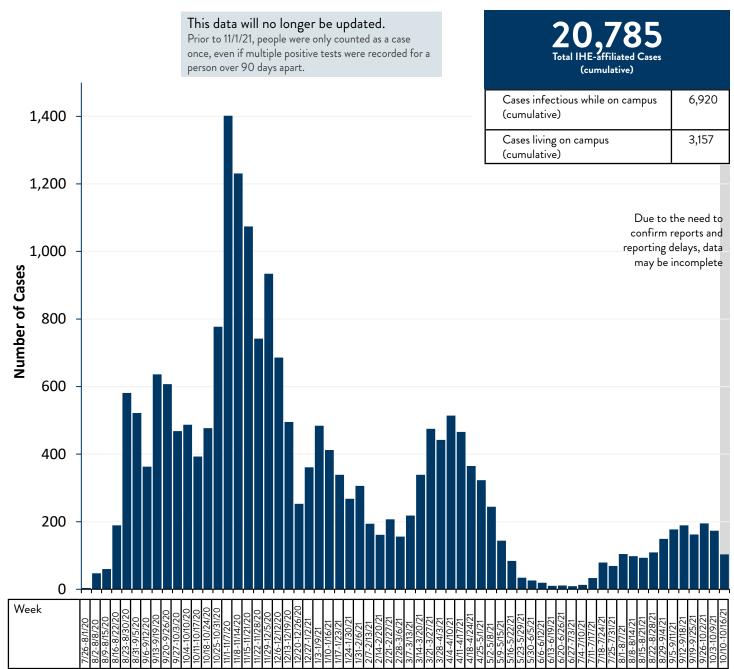
Cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Numbers include confirmed and probable cases.

Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

183
Total Hospitalized IHE-affiliated Cases
(cumulative)

Total ICU Hospitalized IHE-affiliated Case (cumulative)

Total IHE-affiliated Deaths
(cumulative)



Staff Cases Associated with Congregate Care Settings (Archived)

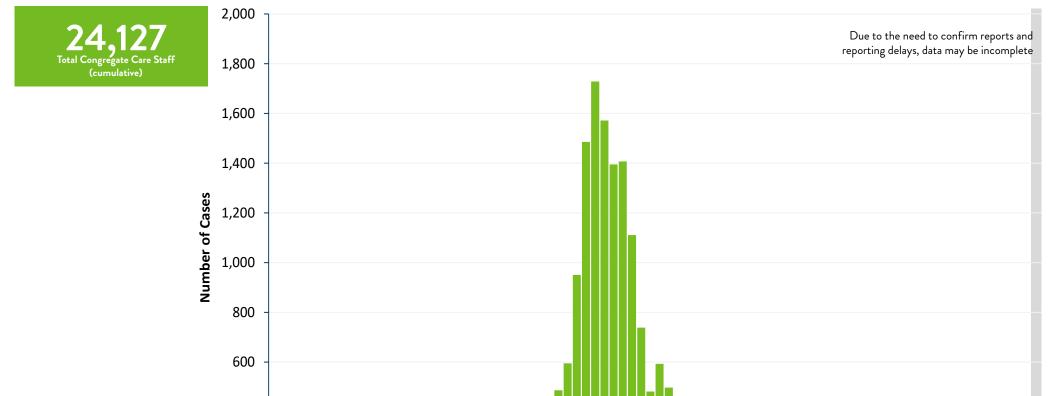
Cases of COVID-19 associated with staff living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.

400

200

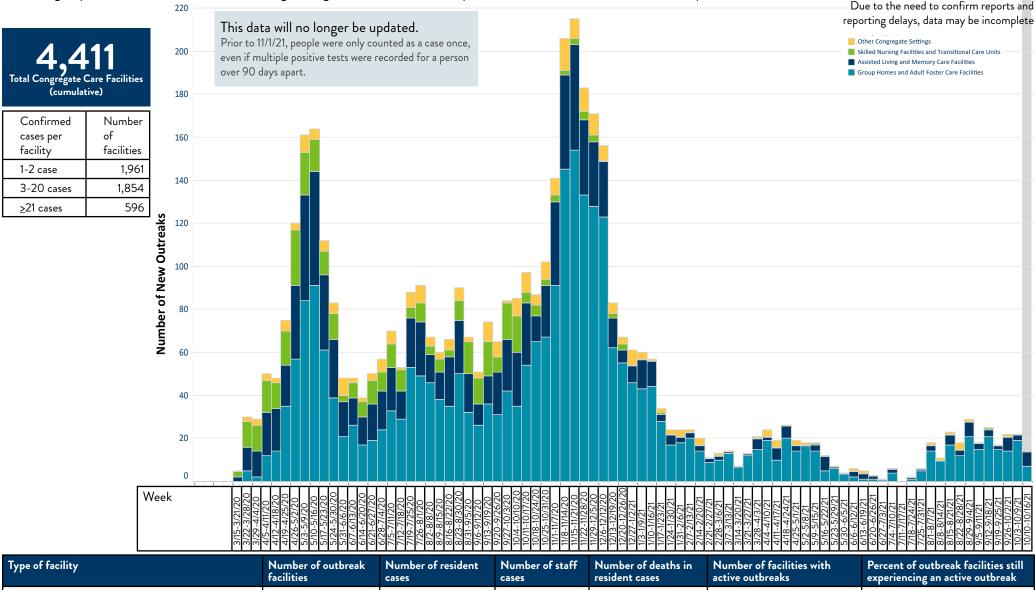
Week

This information is no longer collected for staff in Congregate Care Settings.



Congregate Care Facility Outbreaks (Archived)

Congregate care facilities with confirmed cases in residents, staff, and visiting providers by specimen date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.



Type of facility	Number of outbreak facilities	Number of resident cases	Number of staff cases	Number of deaths in resident cases	Number of facilities with active outbreaks	Percent of outbreak facilities still experiencing an active outbreak
Skilled Nursing Facilities and Transitional Care Units	368	12,715	12,395	3,110	210	57%
Assisted Living and Memory Care Facilities	1,081	8,758	7,185	1,584	209	19%
Group Homes and Adult Foster Care Facilities	2,738	2,863	4,862	116	136	5%
Other Congregate Care Settings	265	1,648	1,527	24	41	15%

A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)