

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

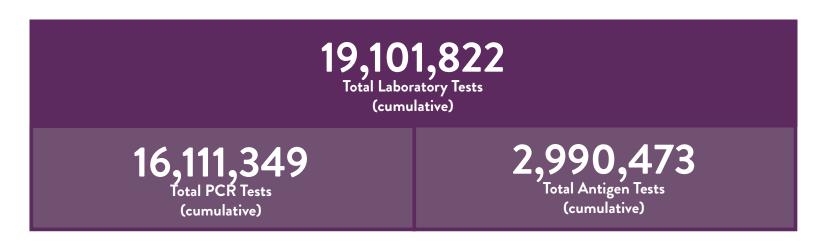
- Data is for cases that were tested and returned positive.
 - At-home test results are not counted by MDH.
 - Many people with COVID-19 are not tested, so the cases in this report represent only a fraction of the total number of cases in Minnesota.
- All data is preliminary and may change as cases are 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





61,164
Total Hospitalizations
(cumulative)

11,321
Total ICU Hospitalizations
(cumulative)

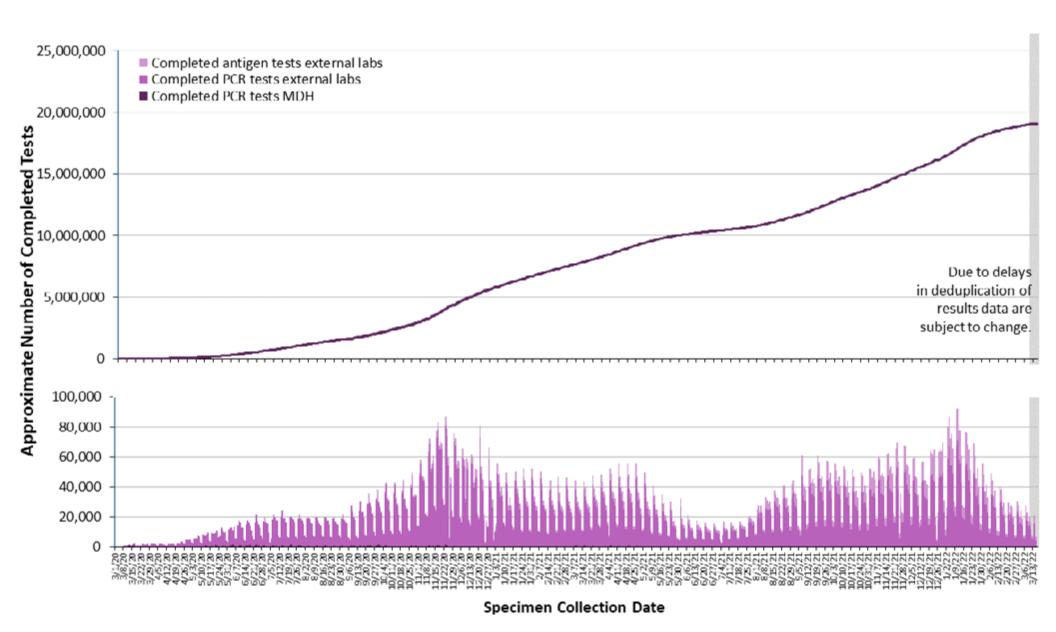
12,312
Total Deaths
(cumulative)

1,408,424
Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19

19,101,822
Total Laboratory Tests
(cumulative)

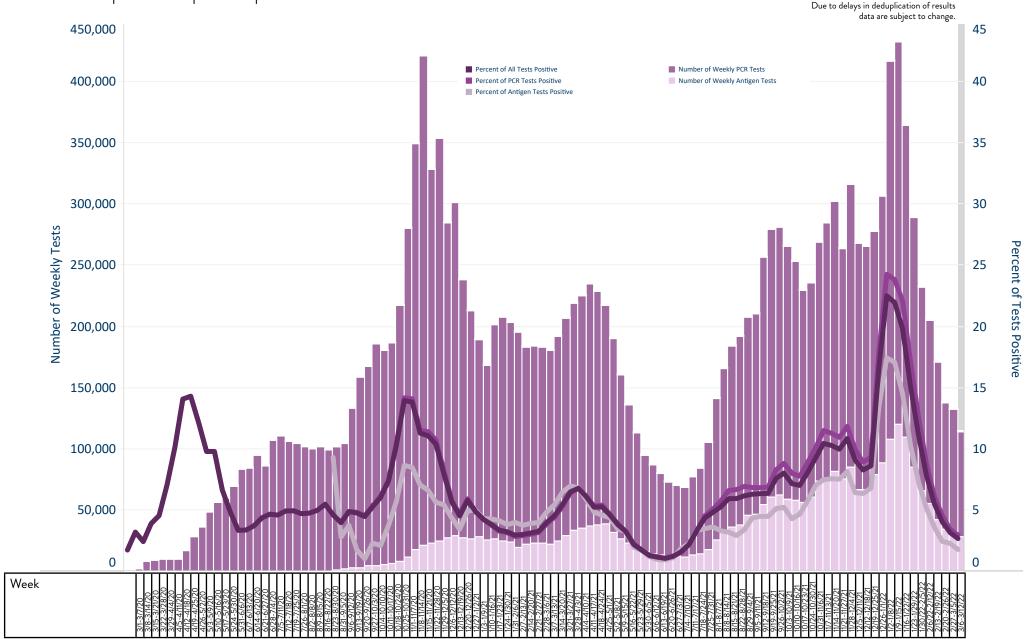
Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported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

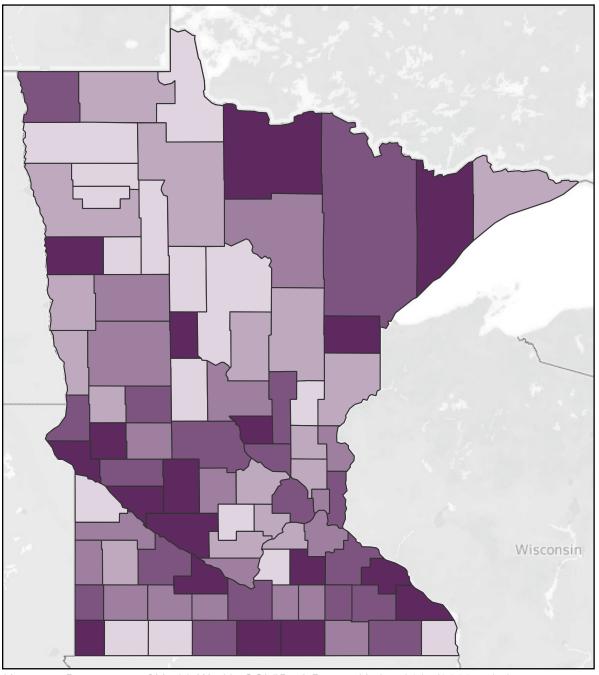


Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Laboratory Test Rates by County of Residence

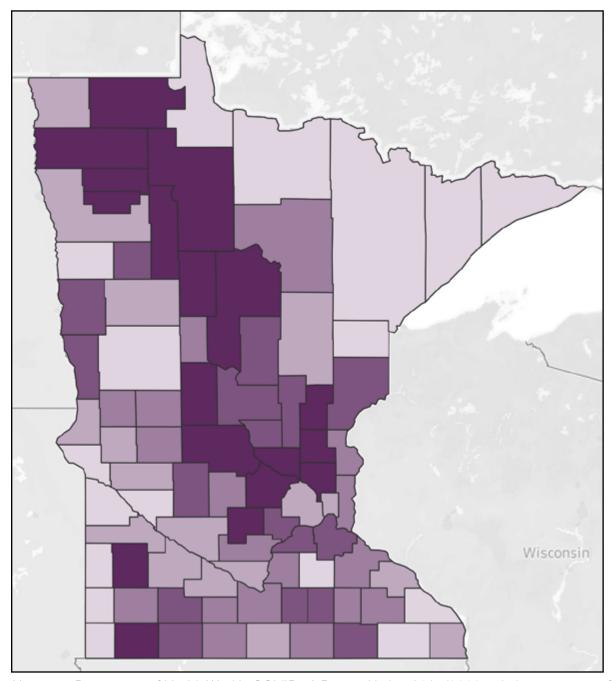
33,756
rate of tests per 10,000 people statewide (cumulative)

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.



ACIIC			rate of tests per 10,000 people statewide (cumulative)			
County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate	
Aitkin	41,139	25,981	Martin	66,863	33,492	
Anoka	1,032,690	29,724	McLeod	112,734	31,468	
Becker	106,601	31,564	Meeker	68,889	29,849	
Beltrami	123,761	26,836	Mille Lacs	87,430	33,982	
Benton	152,764	38,403	Morrison	108,122	32,815	
Big Stone	23,764	47,376	Mower	128,037	32,331	
Blue Earth	223,538	33,705	Murray	25,279	30,263	
Brown	91,287	36,209	Nicollet	105,911	31,350	
Carlton	147,378	41,468	Nobles	51,326	23,502	
Carver	284,568	28,339	Norman	24,665	37,605	
Cass	65,217	22,472	Olmsted	511,736	33,433	
Chippewa	45,586	37,957	Otter Tail	189,098	32,608	
Chisago	175,694	32,104	Pennington	28,811	20,312	
Clay	170,065	27,080	Pine	74,173	25,464	
Clearwater	19,694	22,349	Pipestone	30,556	33,267	
Cook	14,886	28,029	Polk	89,336	28,279	
Cottonwood	34,999	30,776	Pope	36,169	32,941	
Crow Wing	173,319	27,143	Ramsey	1,784,572	32,957	
Dakota	1,295,527	30,979	Red Lake	7,766	19,376	
Dodge	69,065	33,556	Redwood	52,236	34,072	
Douglas	126,499	34,002	Renville	54,600	37,090	
Faribault	51,676	37,188	Rice	326,462	49,641	
Fillmore	74,489	35,661	Rock	36,184	38,440	
Freeborn	119,296	39,080	Roseau	42,450	27,454	
Goodhue	162,060	35,065	Scott	408,990	28,526	
Grant	17,307	29,146	Sherburne	333,552	35,777	
Hennepin	4,213,963	34,108	Sibley	39,688	26,615	
Houston	36,256	19,427	St. Louis	702,959	35,134	
Hubbard	38,036	18,232	Stearns	522,353	33,309	
Isanti	100,755	25,852	Steele	116,419	31,743	
Itasca	140,582	31,100	Stevens	34,969	35,741	
Jackson	22,386	22,281	Swift	32,639	34,682	
Kanabec	35,030	21,888	Todd	58,758	24,042	
Kandiyohi	155,536	36,461	Traverse	11,282	33,809	
Kittson	14,415	33,237	Wabasha	77,515	36,053	
Koochiching	46,335	36,646	Wadena	61,187	44,839	
Lac qui Parle	26,201	38,684	Waseca	61,959	32,941	
Lake	38,283	36,222	Washington	847,646	33,462	
Lake of the Woods	12,021	31,559	Watonwan	33,502	30,531	
Le Sueur	68,764	24,573	Wilkin	15,860	25,004	
Lincoln	17,435	30,550	Winona	184,749	36,334	
Lyon	74,039	28,654	Wright	357,547	26,935	
Mahnomen	12,367	22,461	Yellow Medicine	32,331	32,763	
Marshall	17,835	18,990	Unknown/missing	767,612	D 6	

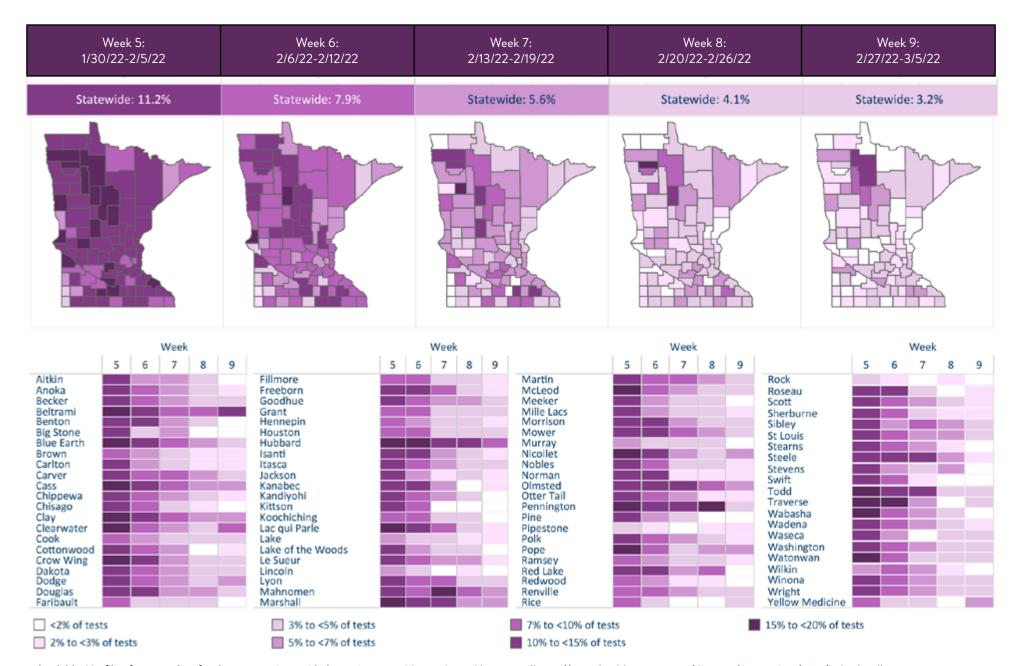
Cumulative percent of tests positive by county of residence. Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



% positive statewide (cumulative)						
County	% Positive (cumulative)	County	% Positive (cumulative)			
Aitkin	7.3%	Martin	8.1%			
Anoka	9.7%	McLeod	9.5%			
Becker	7.4%	Meeker	8.4%			
Beltrami	9.5%	Mille Lacs	9.0%			
Benton	9.0%	Morrison	8.5%			
Big Stone	5.7%	Mower	8.9%			
Blue Earth	8.0%	Murray	7.9%			
Brown	7.2%	Nicollet	7.5%			
Carlton	5.9%	Nobles	12.8%			
Carver	8.9%	Norman	5.7%			
Cass	10.4%	Olmsted	7.8%			
Chippewa	6.6%	Otter Tail	6.7%			
Chisago	8.5%	Pennington	10.7%			
Clay	8.8%	Pine	9.0%			
Clearwater	10.4%	Pipestone	6.2%			
Cook	3.9%	Polk	7.3%			
Cottonwood	8.9%	Pope	8.0%			
Crow Wing	9.0%	Ramsey	7.3%			
Dakota	8.8%	Red Lake	10.7%			
Dodge	8.0%	Redwood	7.3%			
Douglas	8.5%	Renville	6.9%			
Faribault	7.3%	Rice	5.3%			
Fillmore	6.4%	Rock	5.8%			
Freeborn	7.9%	Roseau	10.5%			
Goodhue	8.0%	Scott	9.2%			
Grant	8.0%	Sherburne	9.2%			
Hennepin	7.5%	Sibley	8.4%			
Houston	7.3%	St. Louis	6.8%			
Hubbard	11.7%	Stearns	9.5%			
Isanti	9.6%	Steele	9.0%			
Itasca	7.8%	Stevens	7.6%			
Jackson	9.2%	Swift	7.1%			
Kanabec	9.8%	Todd	10.3%			
Kandiyohi	8.5%	Traverse	6.9%			
Kittson	7.0%	Wabasha	6.9%			
Koochiching	6.2%	Wadena	8.1%			
Lac qui Parle	6.2%	Waseca	8.9%			
Lake	5.6%	Washington	8.2%			
Lake of the Woods	6.4%	Watonwan	8.2%			
Le Sueur	8.5%	Wilkin	8.7%			
Lincoln	6.5%	Winona	6.6%			
Lyon	9.7%	Wright	9.8%			
Mahnomen	8.5%	Yellow Medicine	7.1%			
Marshall	11.1%	Unknown/missing	5.4%			
	day unless specifi	aally natad	D			

Weekly Percent of Tests Positive by County of Residence

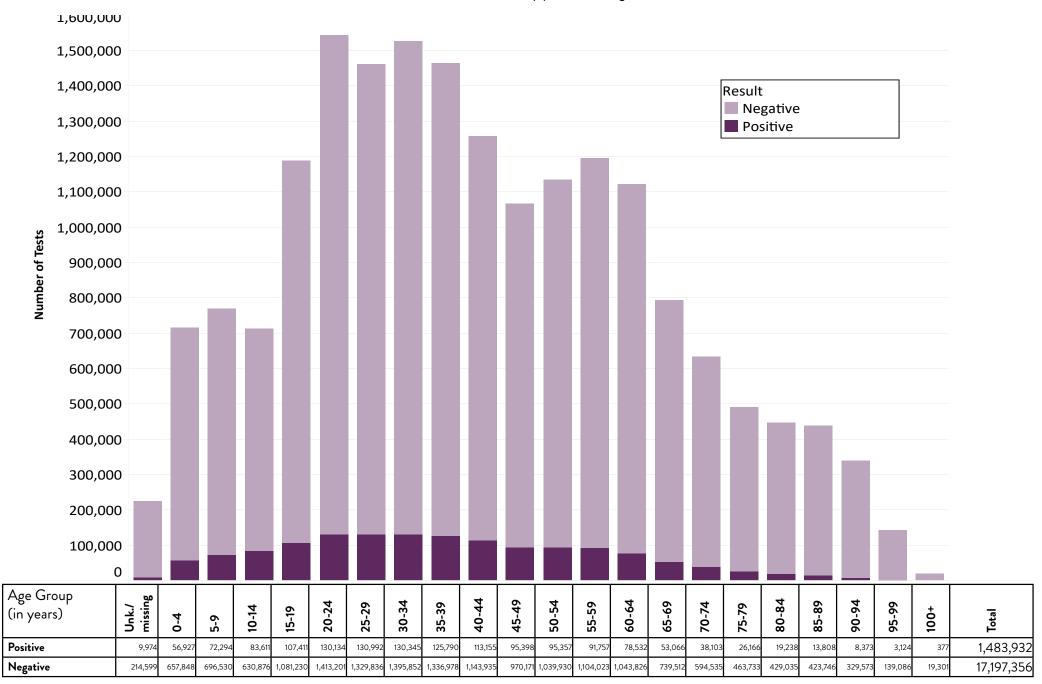
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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

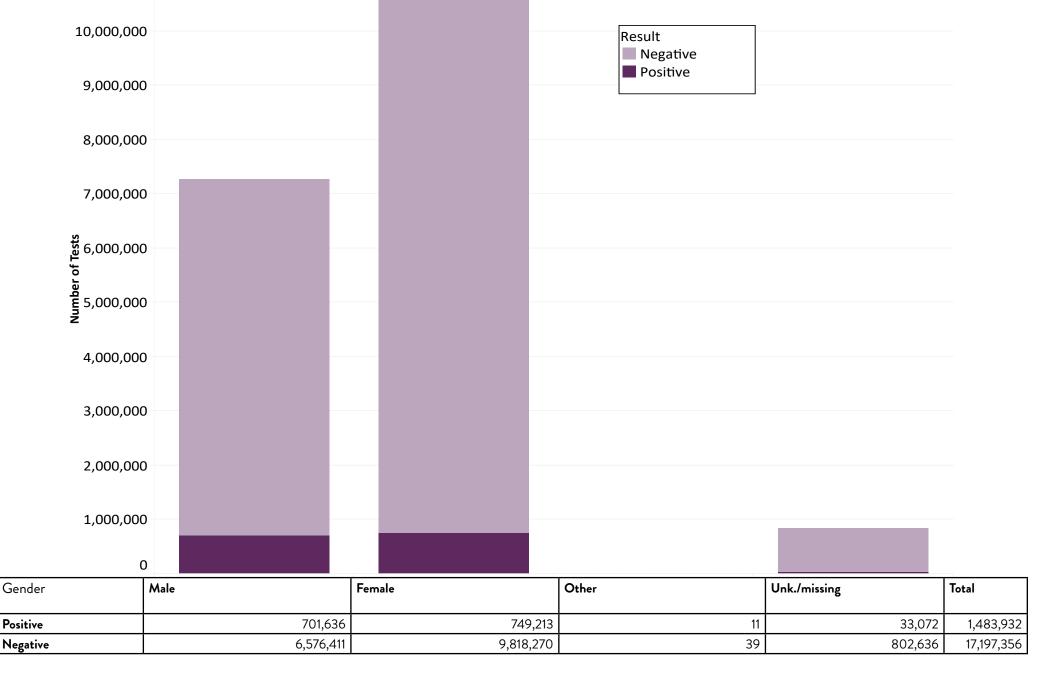
Testing Demographics: Age

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 those that are not clearly positive or negative).



Testing Demographics: Gender

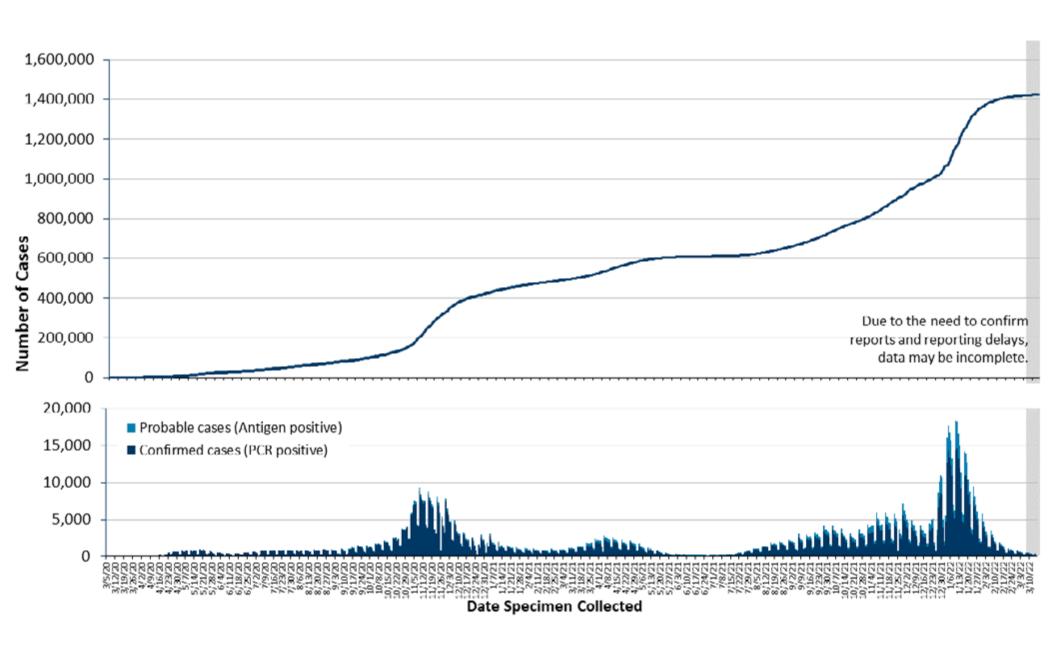
Cumulative number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



Positive COVID-19 Cases

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

1,424,107
Total Positive Cases,
including Reinfections
(cumulative)



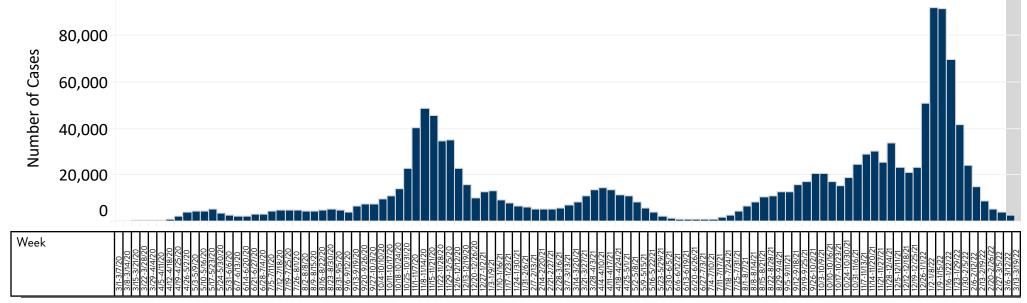
■ Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

New Cases by Week, 7-Day Average

Cases by week of specimen collection date, and 7-day moving average of new cases.

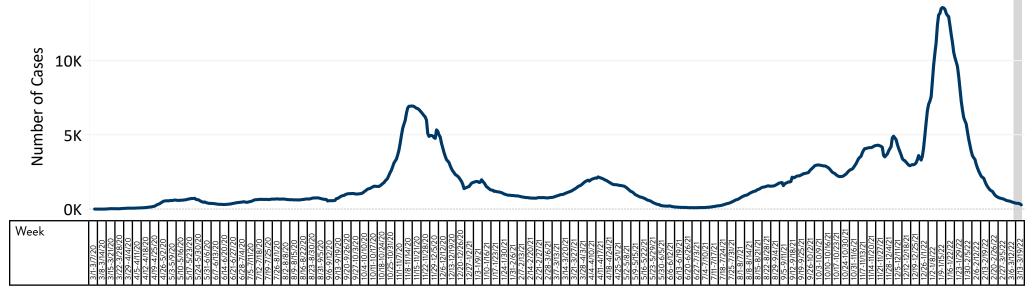


Due to the need to confirm reports and reporting delays, data may be incomplete



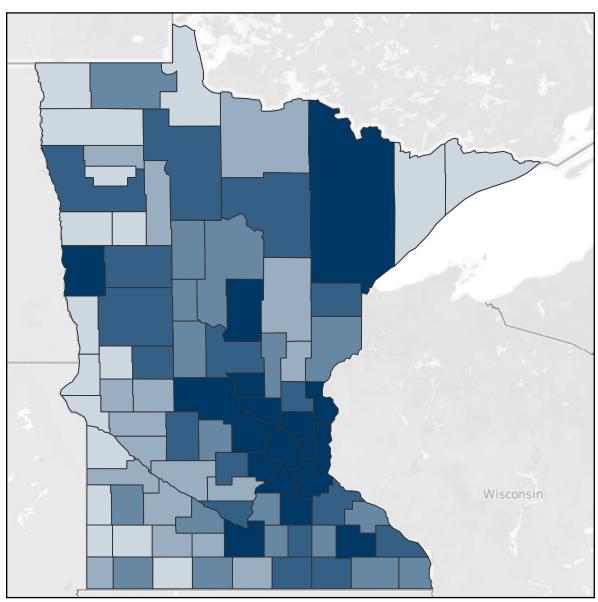
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)





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)

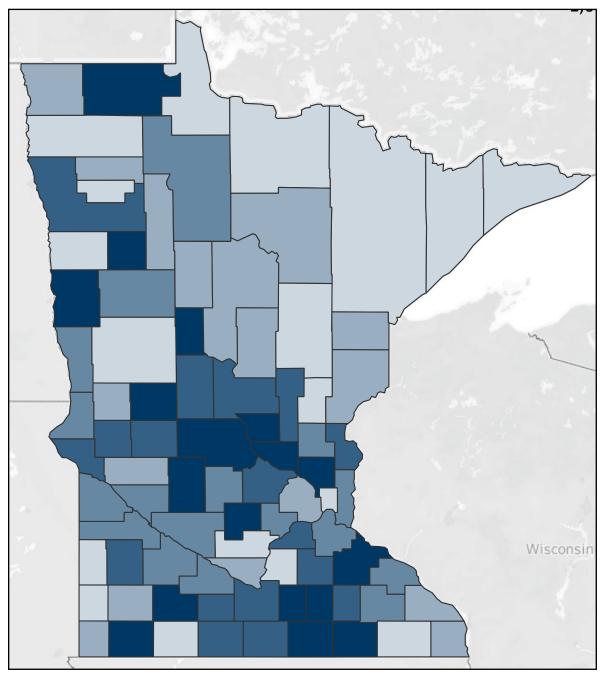
1,424,107 Total Positive Cases (cumulative)

1,408,424 No Longer Needing Isolation (cumulative)

County	Cases (cumulative)	Cases no longer needing isolation	County	Cases (cumulative)	Cases no longer needing isolation
Aitkin	2,935	2,868	Martin	5,557	5,478
Anoka	97,960	97,015	McLeod	10,516	10,390
Becker	8,742	8,632	Meeker	5,913	5,834
Beltrami	11,919	11,739	Mille Lacs	7,197	7,074
Benton	13,960	13,766	Morrison	9,049	8,926
Big Stone	1,377	1,366	Mower	11,783	11,690
Blue Earth	17,780	17,647	Murray	2,025	2,005
Brown	6,512	6,422	Nicollet	7,942	7,852
Carlton	8,828	8,710	Nobles	6,922	6,856
Carver	26,471	26,298	Norman	1,487	1,468
Cass	6,965	6,872	Olmsted	40,372	39,973
Chippewa	3,066	3,008	Otter Tail	13,462	13,272
Chisago	14,448	14,313	Pennington	3,532	3,482
Clay	19,690	19,531	Pine	6,981	6,907
Clearwater	2,143	2,111	Pipestone	1,982	1,947
Cook	548	542	Polk	8,818	8,701
Cottonwood	3,203	3,157	Pope	3,018	2,992
Crow Wing	15,851	15,655	Ramsey	123,165	121,521
Dakota	109,219	108,210	Red Lake	929	916
Dodge	5,640	5,599	Redwood	3,876	3,820
Douglas	10,835	10,687	Renville	3,722	3,656
Faribault	3,736	3,677	Rice	17,773	17,497
Fillmore	4,730	4,690	Rock	2,324	2,290
Freeborn	9,034	8,940	Roseau	4,457	4,408
Goodhue	12,972	12,783	Scott	39,965	39,643
Grant	1,465	1,450	Sherburne	27,157	26,946
Hennepin	296,139	292,855	Sibley	3,480	3,450
Houston	4,488	4,465	St. Louis	46,468	45,780
Hubbard	4,912	4,841	Stearns	50,595	50,152
Isanti	10,060	9,938	Steele	10,262	10,191
Itasca	10,973	10,790	Stevens	2,619	2,598
Jackson	2,135	2,115	Swift	2,279	2,245
Kanabec	3,474	3,411	Todd	6,723	6,652
Kandiyohi	13,378	13,229	Traverse	850	840
Kittson	1,036	1,006	Wabasha	5,535	5,495
Koochiching	2,692	2,649	Wadena	4,196	4,138
Lac qui Parle	1,735	1,706	Waseca	5,470	5,423
Lake	2,059	2,022	Washington	66,356	65,740
Lake of the Woods	762	754	Watonwan	2,966	2,933
Le Sueur	6,440	6,379	Wilkin	1,644	1,610
Lincoln	1,212	1,204	Winona	12,610	12,515
Lyon	7,028	6,951	Wright	36,380	36,034
Mahnomen	1,748	1,726	Yellow Medicine	2,518	2,484
Marshall	2,079	2,048	Unknown/missing	853	823

Cumulative Case Rate by County of Residence

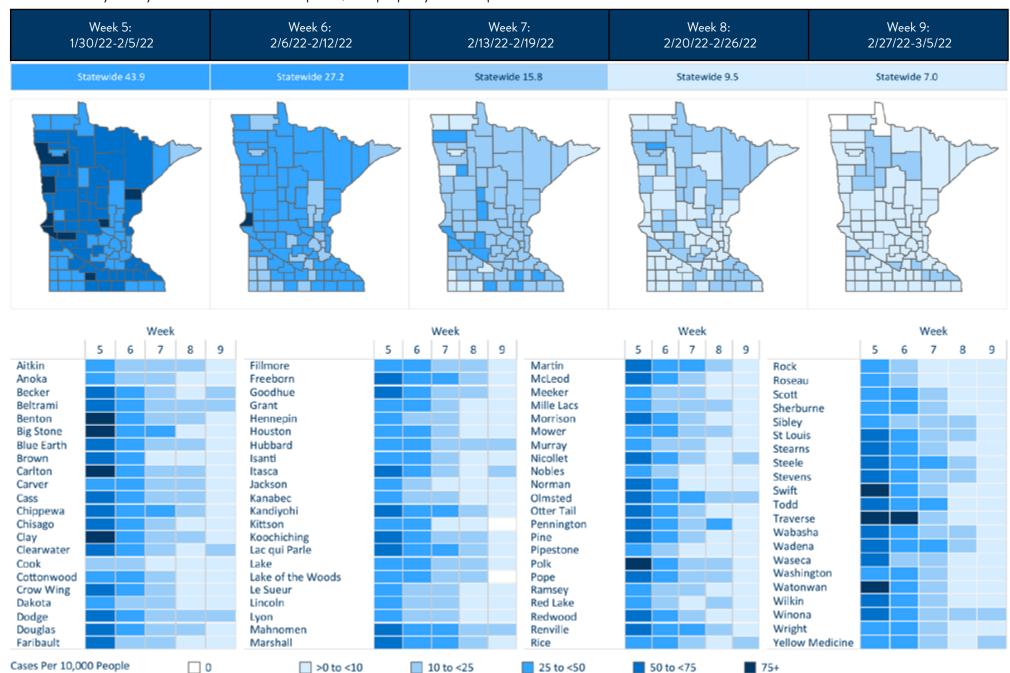
Cumulative number of cases by county of residence per 10,000 people.



		cases	per 10,000 people
County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,854	Martin	2,784
Anoka	2,820	McLeod	2,935
Becker	2,588	Meeker	2,562
Beltrami	2,585	Mille Lacs	2,797
Benton	3,509	Morrison	2,746
Big Stone	2,745	Mower	2,975
Blue Earth	2,681	Murray	2,424
Brown	2,583	Nicollet	2,351
Carlton	2,484	Nobles	3,170
Carver	2,636	Norman	2,267
Cass	2,400	Olmsted	2,638
Chippewa	2,553	Otter Tail	2,321
Chisago	2,640	Pennington	2,490
Clay	3,135	Pine	2,397
Clearwater	2,432	Pipestone	2,158
Cook	1,032	Polk	2,791
Cottonwood	2,817	Pope	2,749
Crow Wing	2,482	Ramsey	2,275
Dakota	2,612	Red Lake	2,318
Dodge	2,740	Redwood	2,528
Douglas	2,912	Renville	2,528
Faribault	2,689	Rice	2,703
Fillmore	2,264	Rock	2,469
Freeborn	2,959	Roseau	2,883
Goodhue	2,807	Scott	2,788
Grant	2,467	Sherburne	2,913
Hennepin	2,397	Sibley	2,334
Houston	2,405	St. Louis	2,322
Hubbard	2,355	Stearns	3,226
Isanti	2,581	Steele	2,798
Itasca	2,427	Stevens	2,677
Jackson	2,125	Swift	2,422
Kanabec	2,171	Todd	2,751
Kandiyohi	3,136	Traverse	2,547
Kittson	2,389	Wabasha	2,574
Koochiching	2,129	Wadena	3,075
Lac qui Parle	2,562	Waseca	2,908
Lake	1,948	Washington	2,619
Lake of the Woods	2,001	Watonwan	2,703
Le Sueur	2,301	Wilkin	2,592
Lincoln	2,124	Winona	2,480
Lyon	2,720	Wright	2,741
Mahnomen	3,175	Yellow Medicine	2,552
Marshall	2,214		
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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.



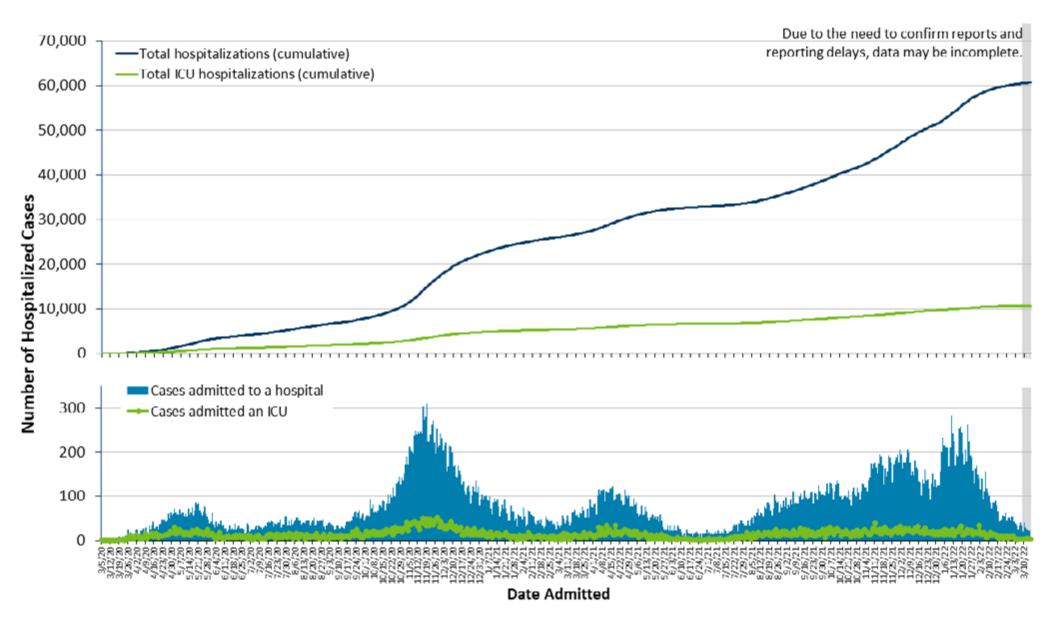
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

61,164
Total Hospitalizations
(cumulative)

11,321
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.

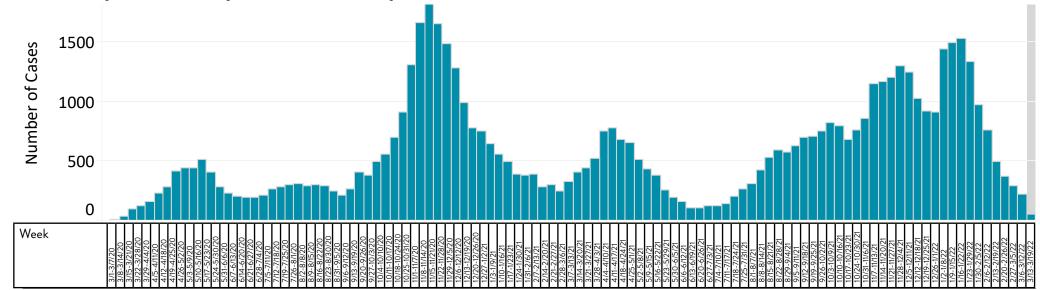


[■] Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Hospitalizations by Week, 7-Day Average

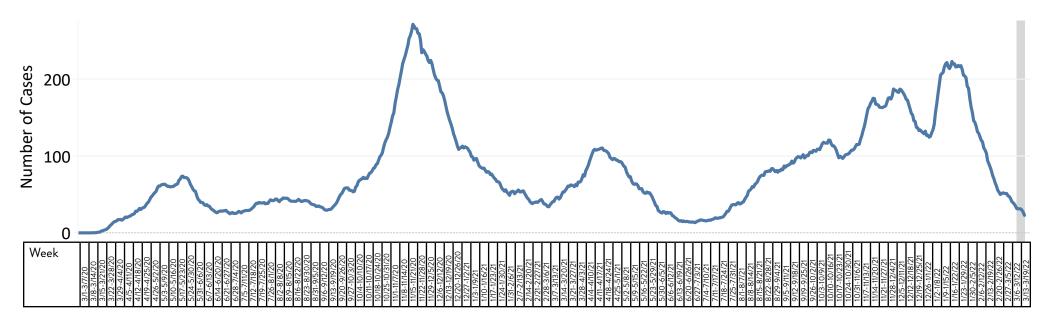
Cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.





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)

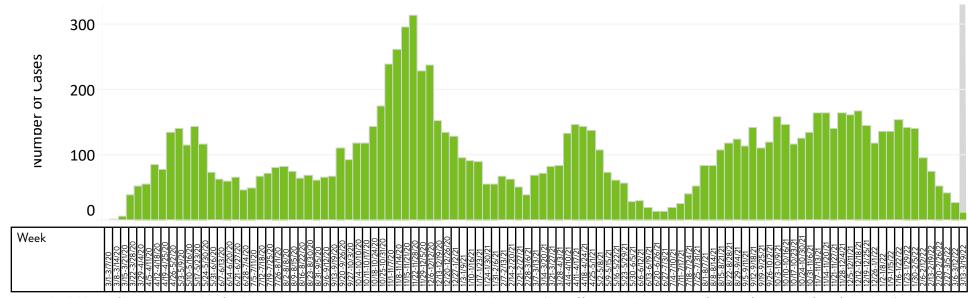
Seven Day Moving Average of New Hospitalizations



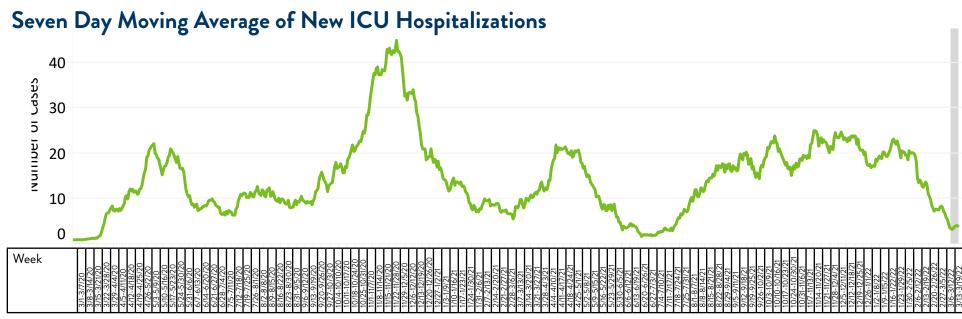
ICU Hospitalizations by Week, 7-Day Average

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



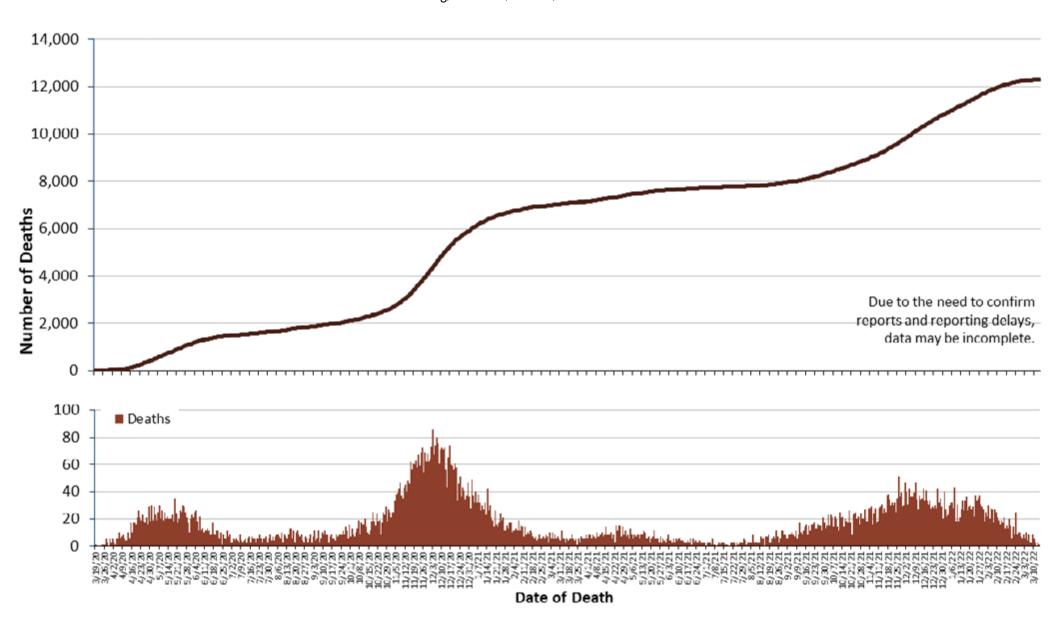
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html



COVID-19 Deaths

12,312
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.).

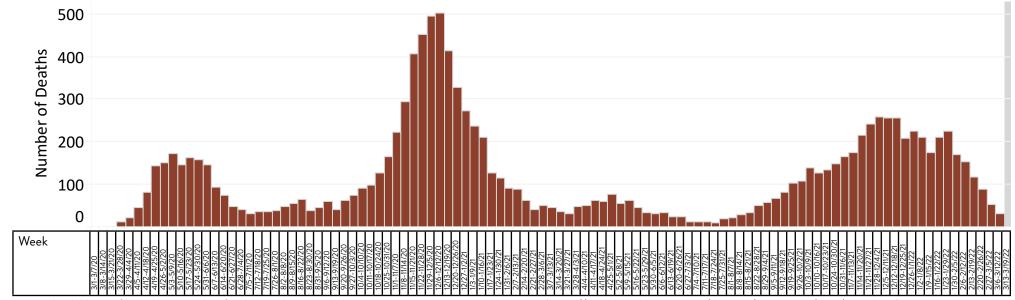


■ Tables of current data and more information about deaths: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

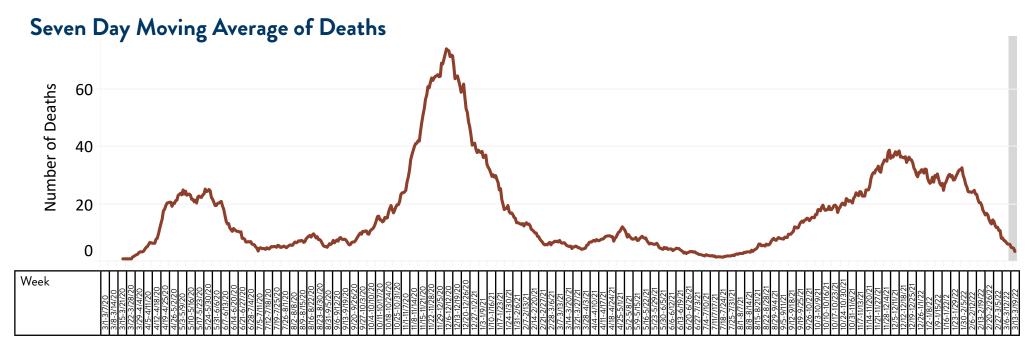
Deaths by Week, 7-Day Average

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

Deaths by Week of Death

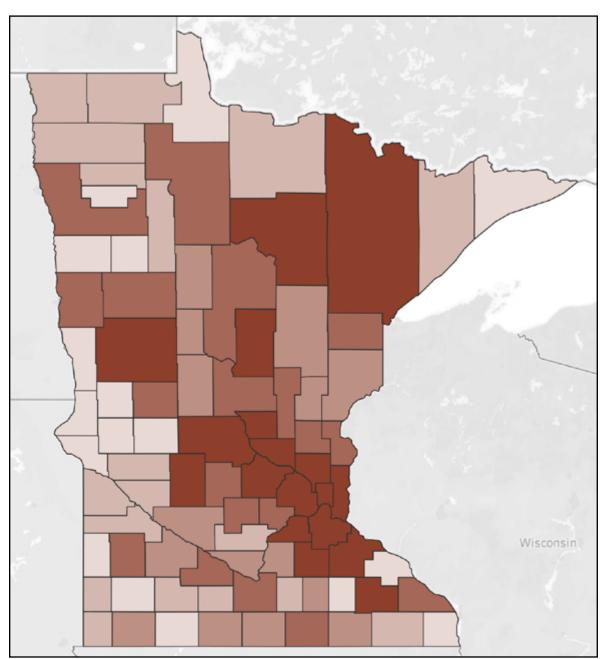


[■] Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)



Deaths by County of Residence

Cumulative number of deaths by county of residence.



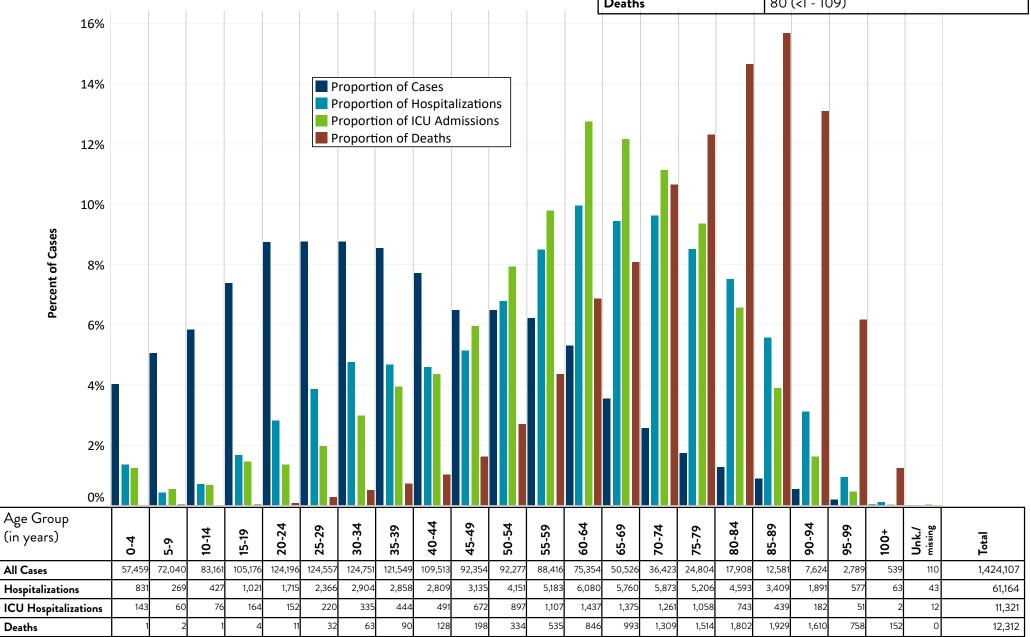
■ Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

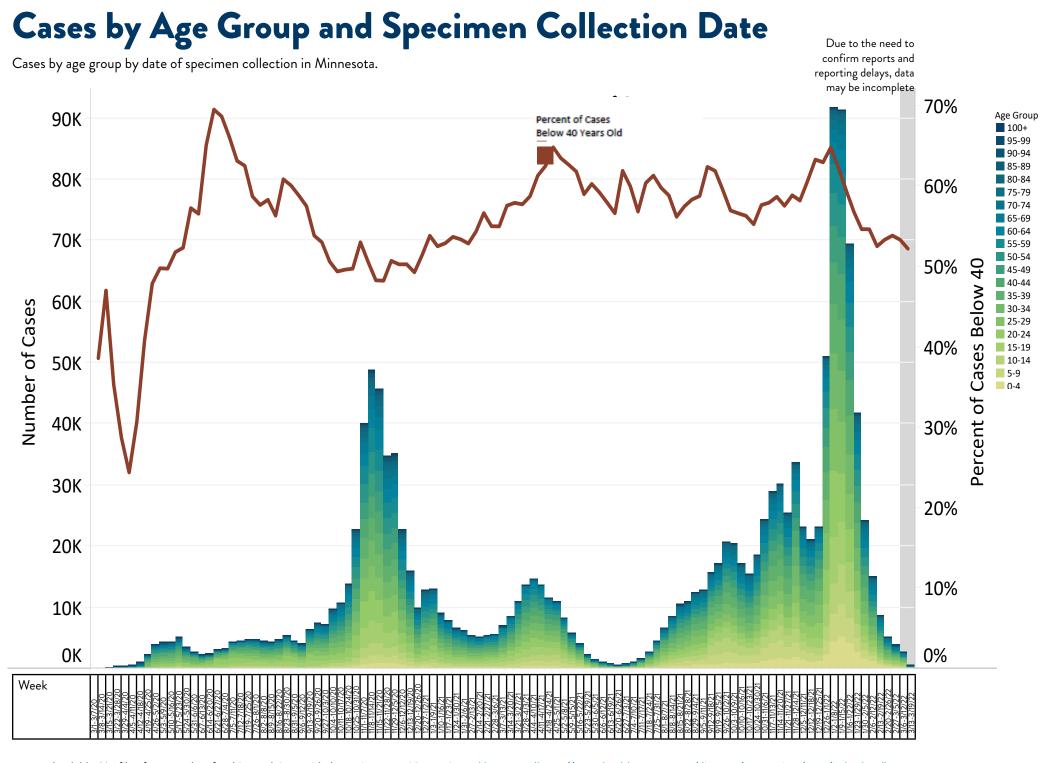
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Demograp	hics:	Age
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Cumulative number of cases, hospitalizations, and deaths by age group, median age, and age range.

	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	63 (<1 month - 105)
Deaths	80 (<1 - 109)



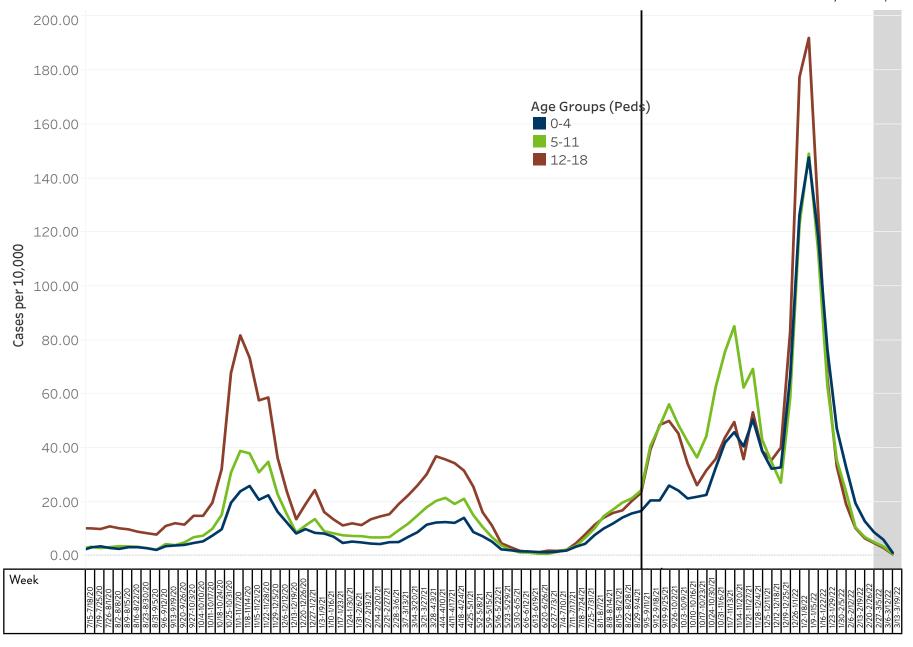


Downloadable CSV file of current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Case Rate in Children by Specimen Collection Date

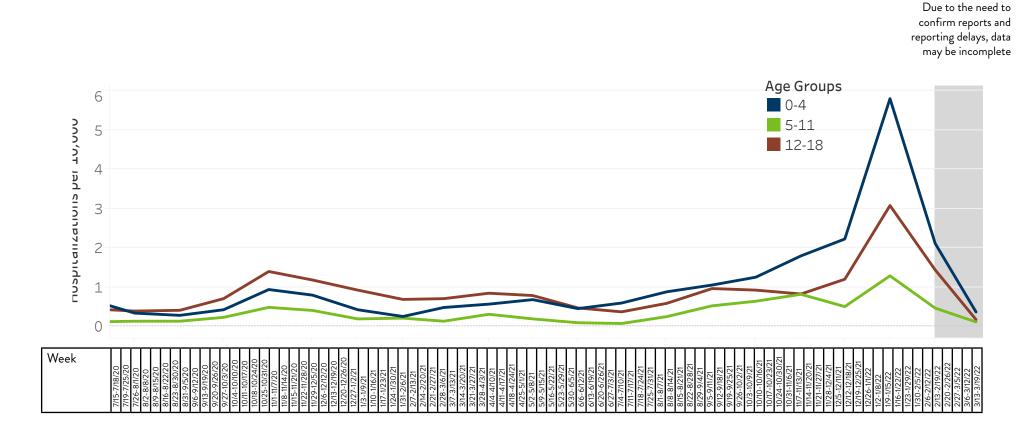
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



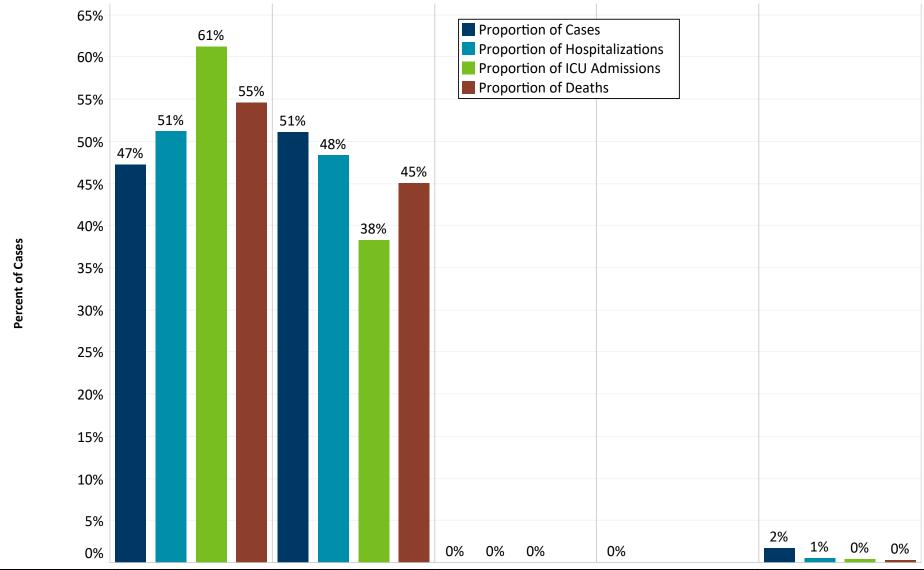
Hospitalization Rate in Children by Specimen Collection Date

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.

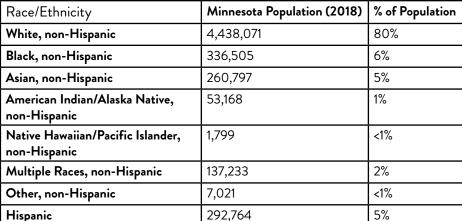


Gender	Male	Female	Other	Unk./missing	Total
All Cases	672,633	726,776	251	24,447	1,424,107
Hospitalizations	31,273	29,515	2	374	61,164
ICU Hospitalizations	6,926	4,335	1	59	11,321
Deaths	6,719	5,548	0	45	12,312

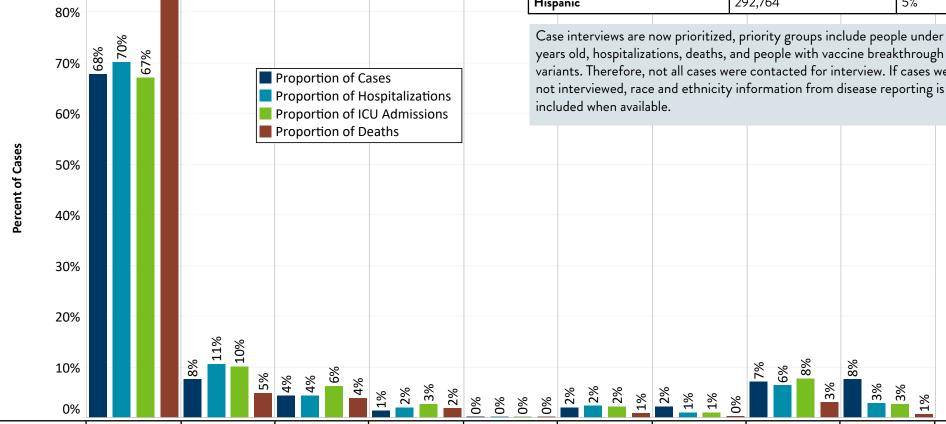
Demographics: Race & Ethnicity

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%



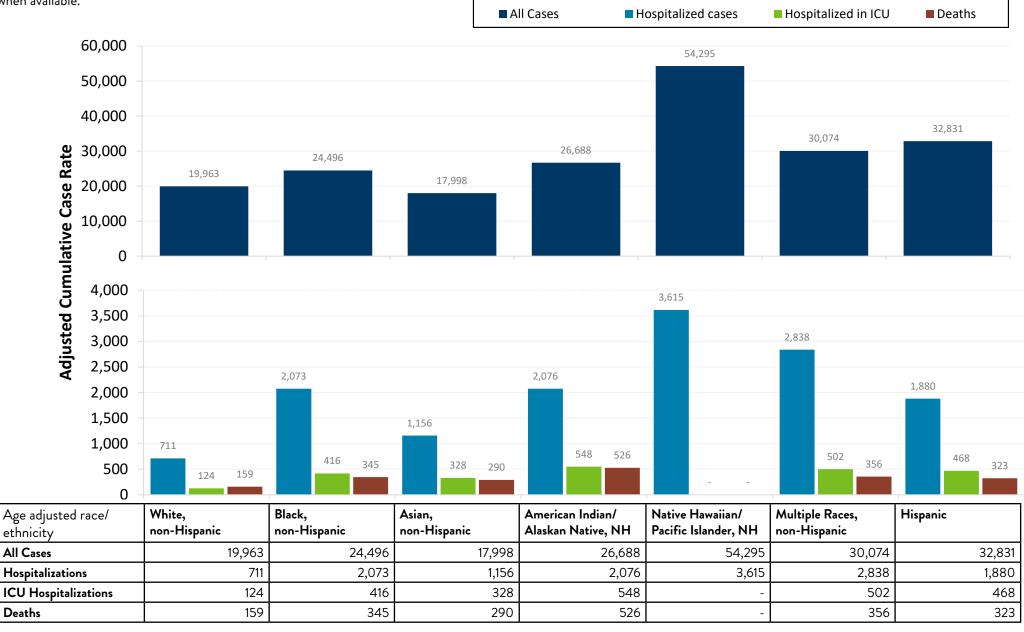
Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were



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	965,019	108,164	62,561	18,089	1,791	29,650	31,635	100,017	107,181	1,424,107
Hospitalizations	42,874	6,520	2,709	1,190	92	1,430	661	3,883	1,805	61,164
ICU Hospitalizations	7,602	1,142	698	307	17	252	121	871	311	11,321
Deaths	10,392	603	469	233	15	113	37	368	82	12,312

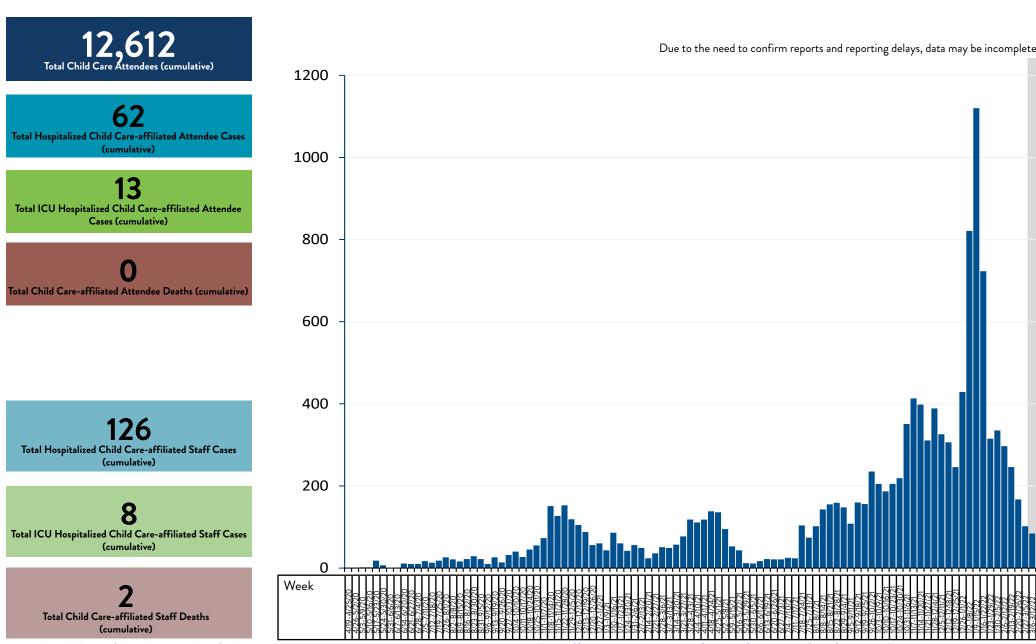
Age-Adjusted Race & Ethnicity Rates

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

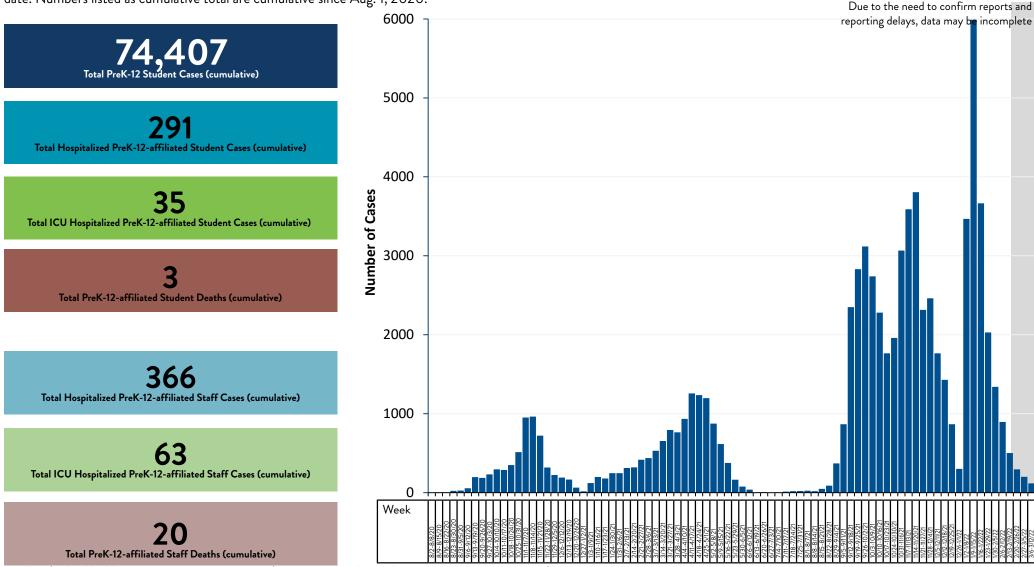
Cases of COVID-19 among children who attended child care with potential exposure in child care settings by specimen collection date. Data also include hospitalizations, ICU hospitalizations, and deaths of attendees and staff associated with a childcare program. All adult cases are not routinely interviewed. 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.



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)

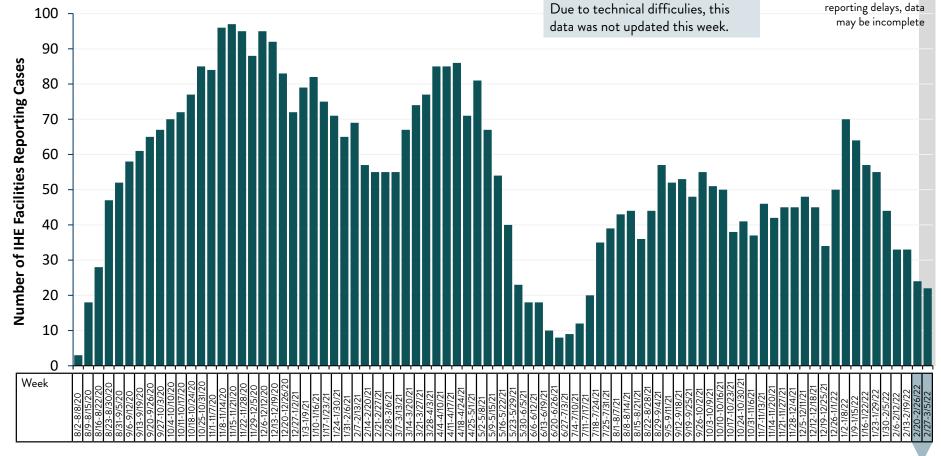
Minnesota IHE Facilities Reporting Cases

154

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

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.

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



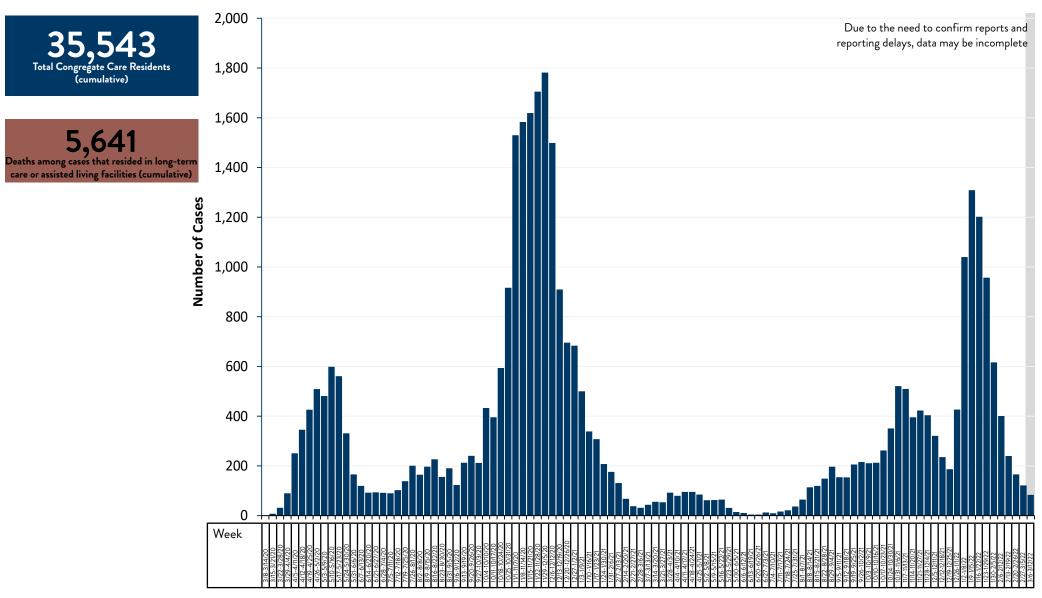
The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 2/20-3/5/22
1-10 cases	33
11-30 cases	2
31-99 cases	2
≥100 cases	0
Total	37

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.

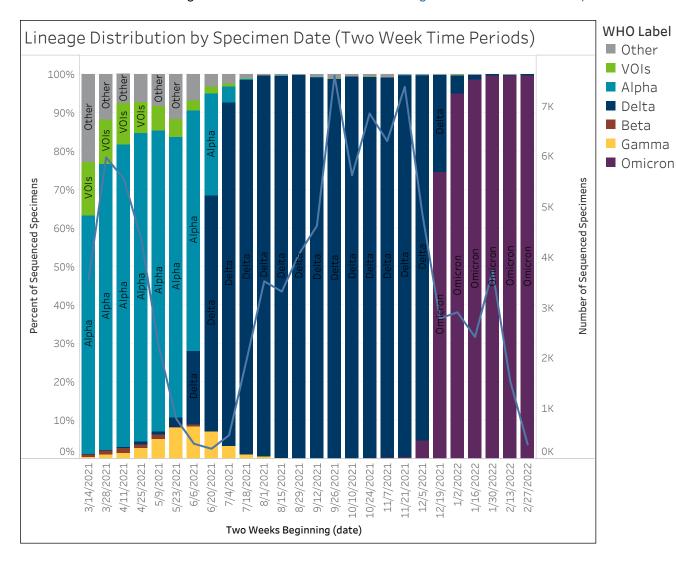


- A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: Minnesota Situation 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 (https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/)

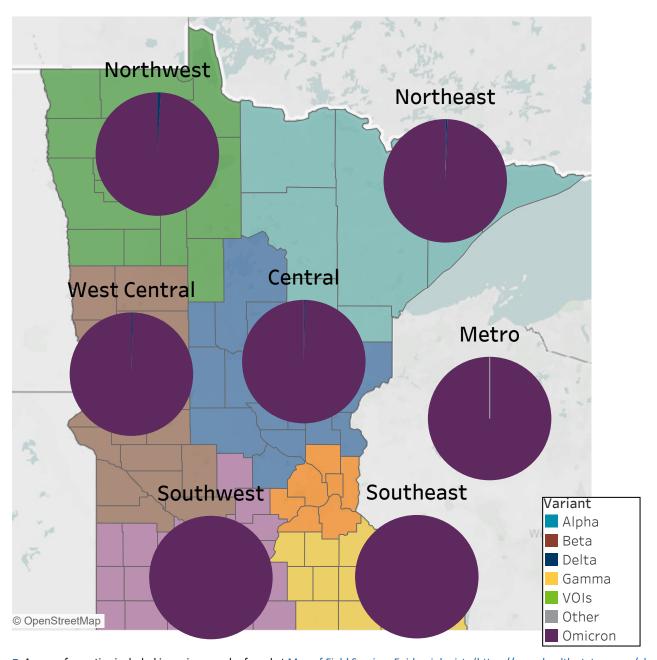


Variant	Distributi	on Since 1/30/2022*
Delta	B.1.617.2	0.16%
Other	Other	0.02%
Omicron	B.1.1.529	99.82%

^{*}All VOI and VOC are included in this list, as well as any lineages that account for ≥1% of all specimens sequenced since 1/30/2022. 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.



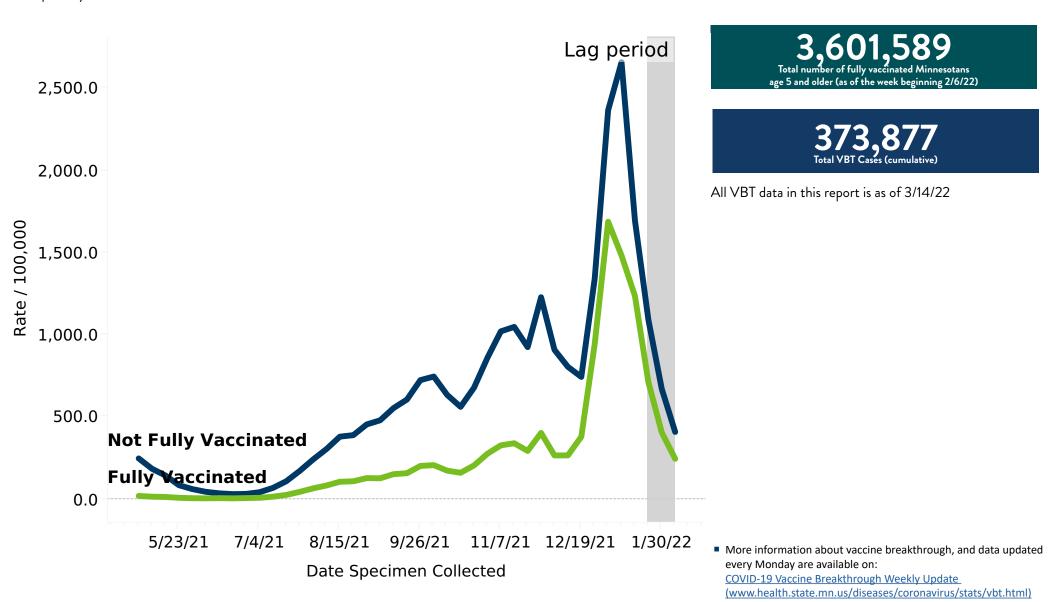
Region & Variant	Variant %	Region & Variant	Variant %
Northwest		Northeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	0.86%	Delta	0.51%
Gamma	0.00%	Gamma	0.00%
Omicron	99.14%	Omicron	99.49%
Other	0.00%	Other	0.00%
VOIs	0.00%	VOIs	0.00%
West Central		Central	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	0.38%	Delta	0.29%
Gamma	0.00%	Gamma	0.00%
Omicron	99.62%	Omicron	99.71%
Other	0.00%	Other	0.00%
VOIs	0.00%	VOIs	0.00%
Southwest		Southeast	
Alpha	0.00%	Alpha	0.00%
Beta	0.00%	Beta	0.00%
Delta	0.00%	Delta	0.00%
Gamma	0.00%	Gamma	0.00%
Omicron	100.00%	Omicron	100.00%
Other	0.00%	Other	0.00%
VOIs	0.00%	VOIs	0.00%
Metro			
Alpha	0.00%		
Beta	0.00%		
Delta	0.08%		
Gamma	0.00%		
Omicron	99.89%		
Other	0.03%		
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

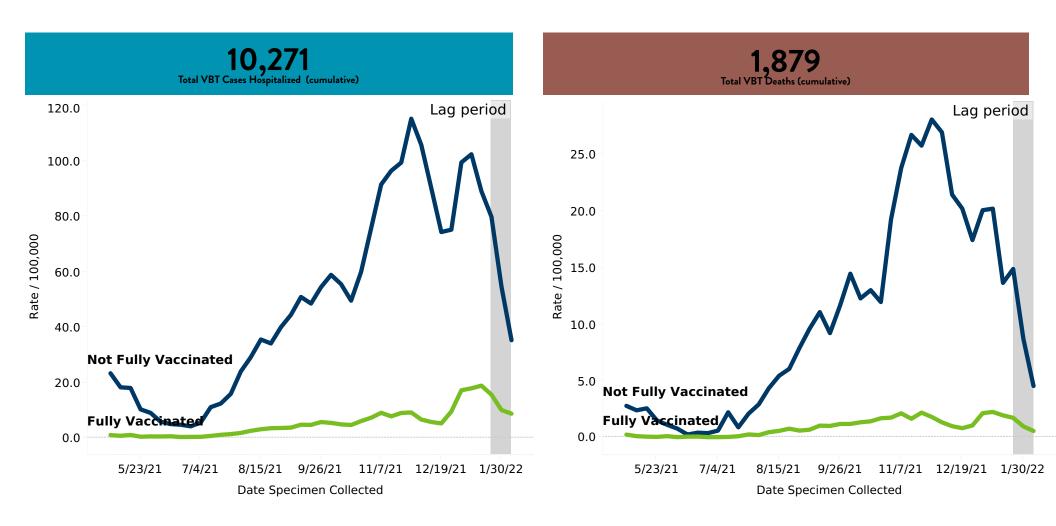
Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month 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.



VBT Hospitalizations and Deaths

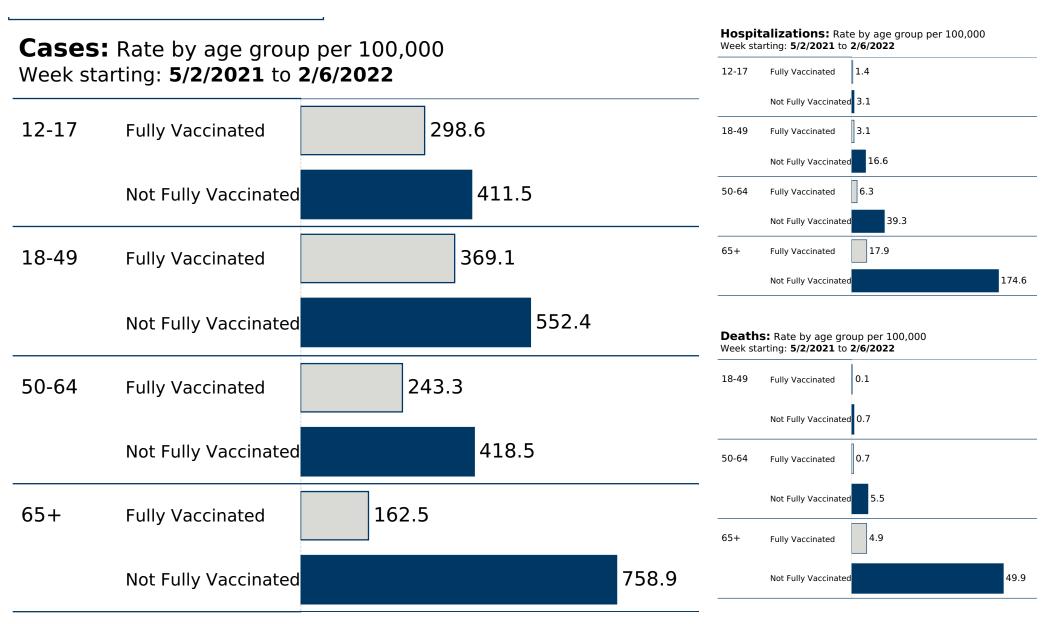
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19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

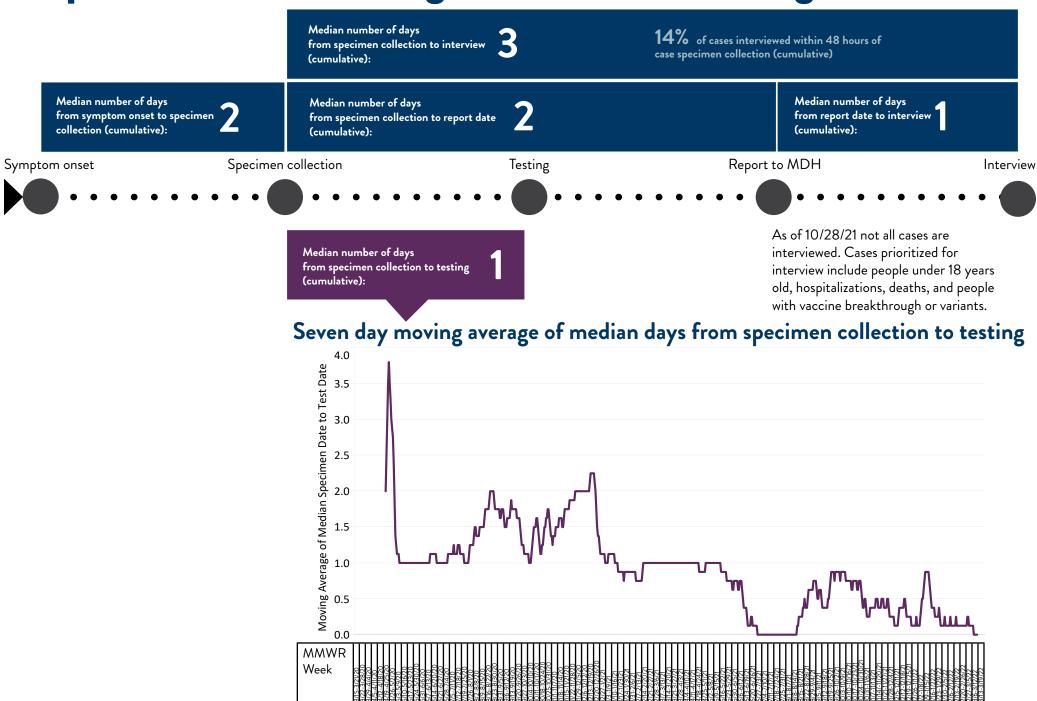
VBT Cases, Hospitalizations, and Deaths by Age Group

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



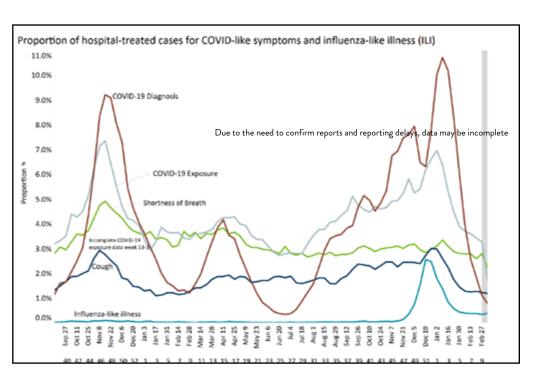
Syndromic Surveillance

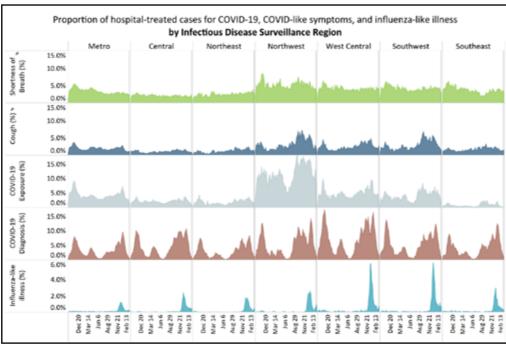
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 March 12, 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 March 12, 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.



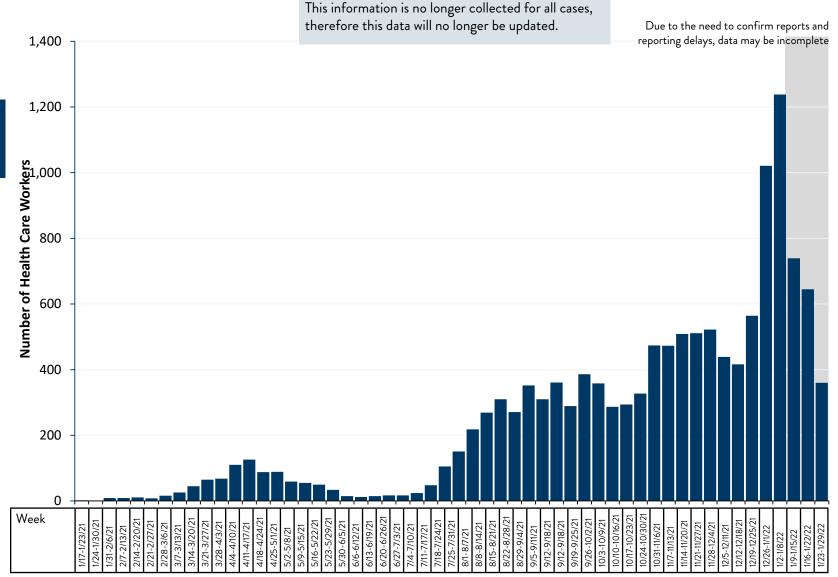


- Map of Counties and Infectious Disease Surveillance Regions can be found on: Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html)
- Further information and frequently asked questions syndromic surveillance can be found at: <u>Hospital Alerting for Syndromic Surveillance: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

VBT Cases among Health Care Workers (Archived)

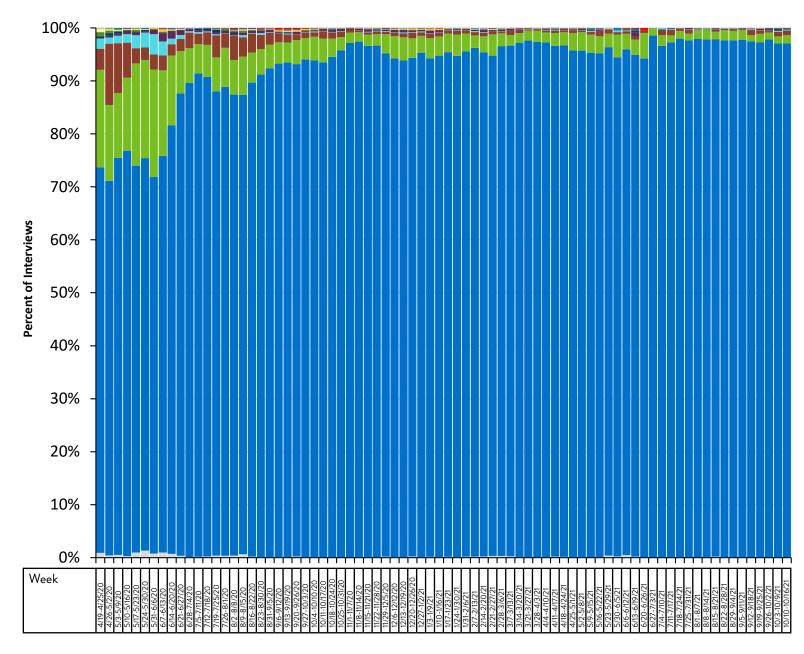
These data are for all vaccine breakthrough cases who reported their occupation as health care staff in acute care or congregate care facilities. Vaccine breakthrough cases are defined as Minnesota residents with a positive test result (both confirmed and probable) with onset date (or specimen collection 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.



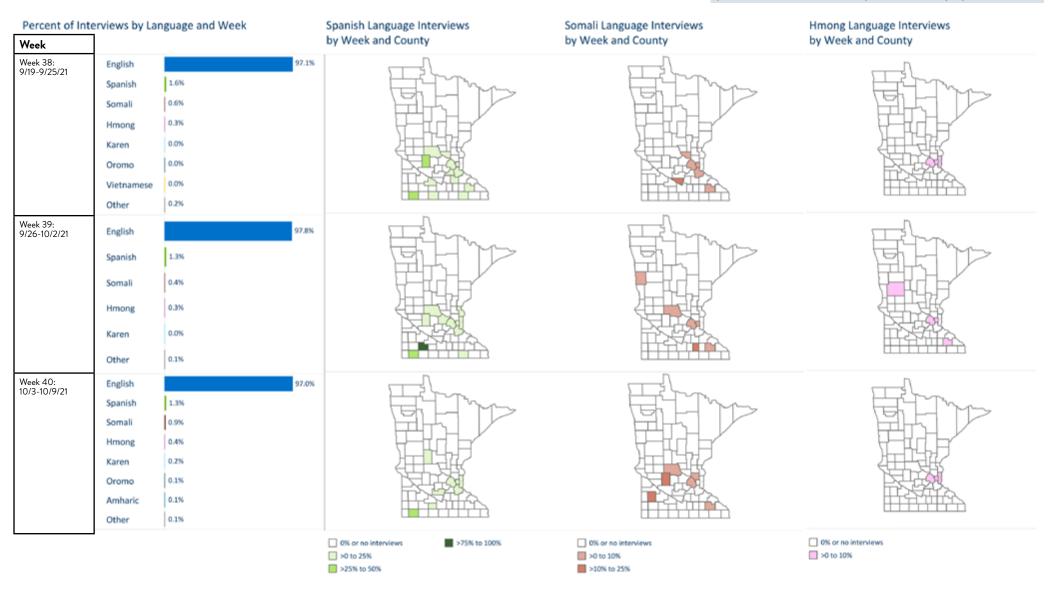
This information is no longer collected for all cases, therefore this data will no longer be updated.

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)

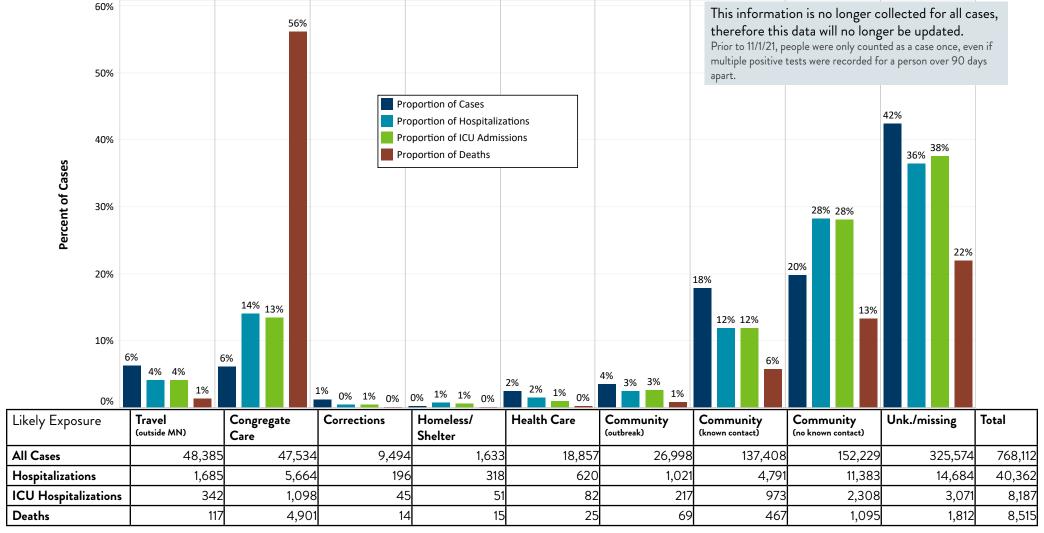
Percent of interviews by language and week of specimen collection by county of residence.

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



Likely Exposure (Archived)

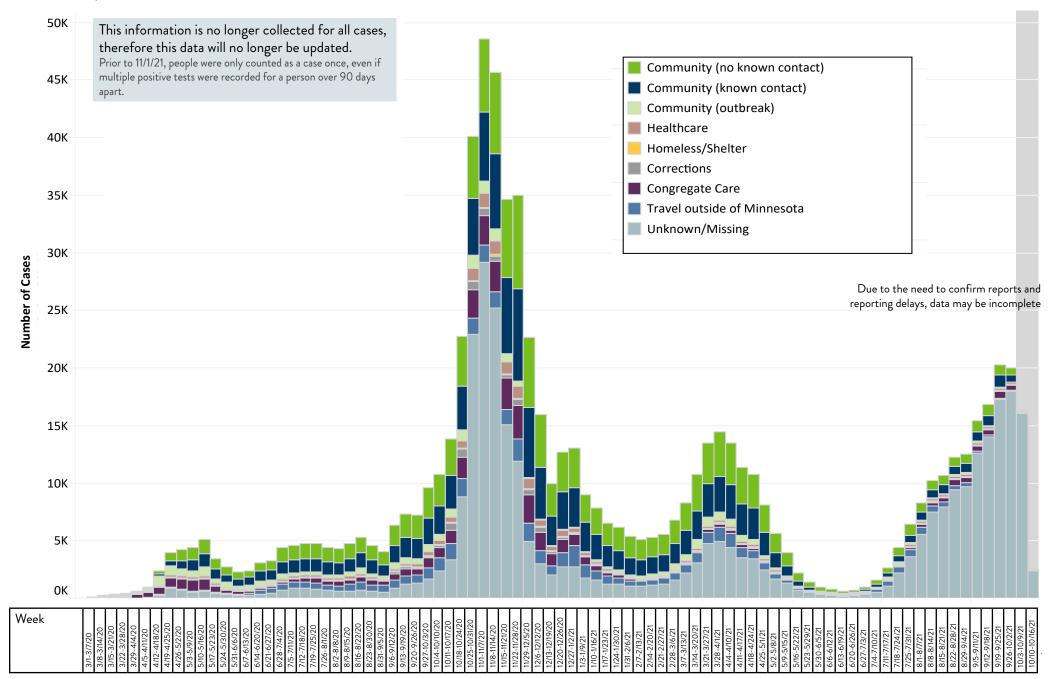
Likely exposure for confirmed and probable cases. Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known 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.

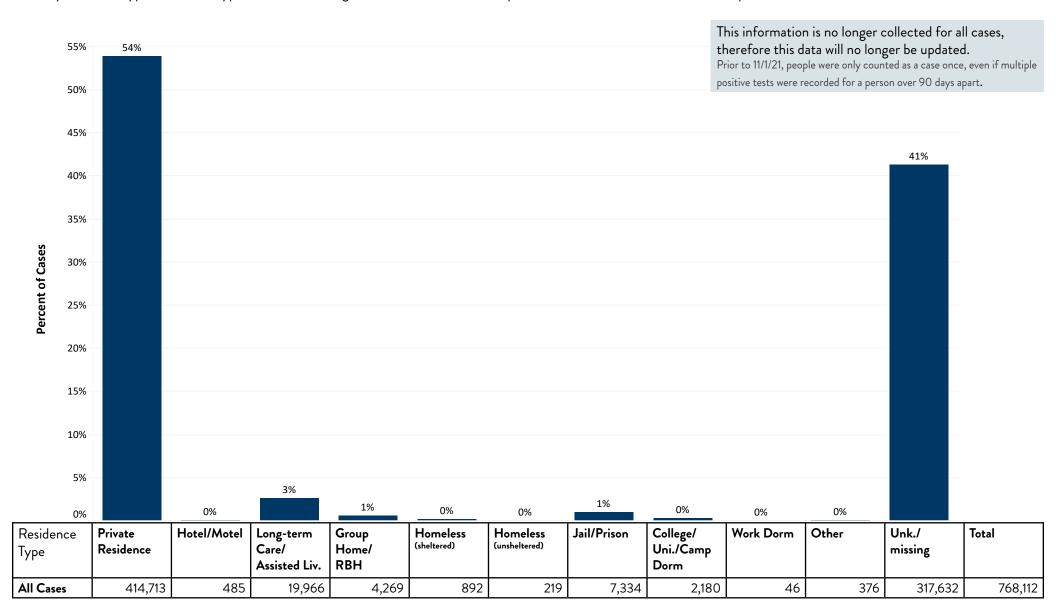
Cases by Likely Exposure and Specimen Collection Date (Archived)

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)

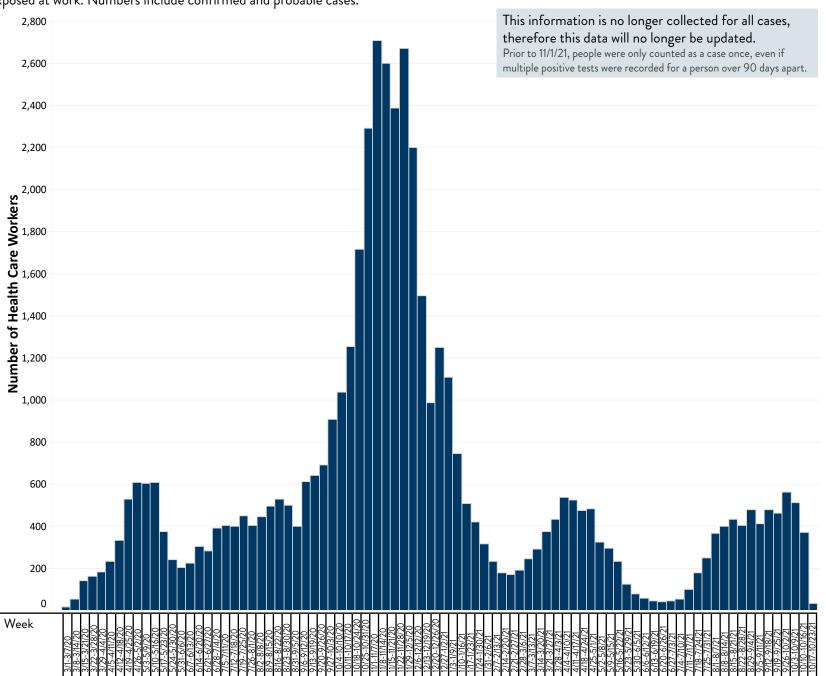
This data is for all cases who reported their occupation as health care staff in acute care or congregate care facilities. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.



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 gh 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

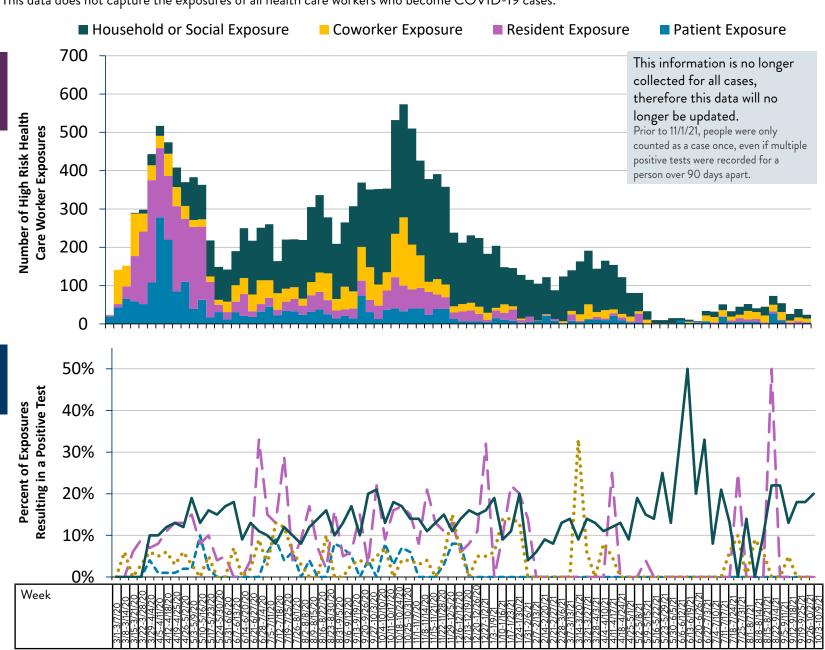
1,667

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

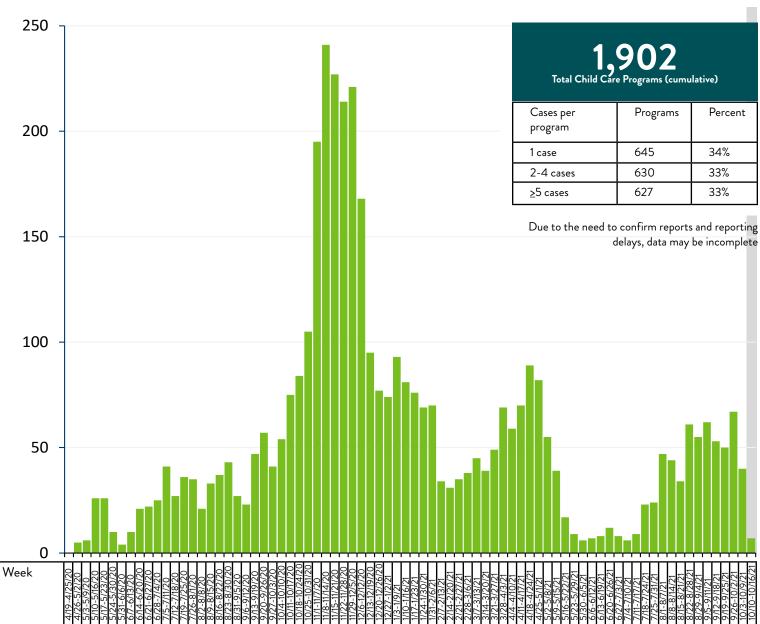


Staff with Potential Exposure in Child Care Settings (Archived)

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.



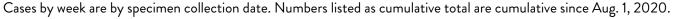


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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 Frenchiz School Staff Cases (Cultiviative)

235

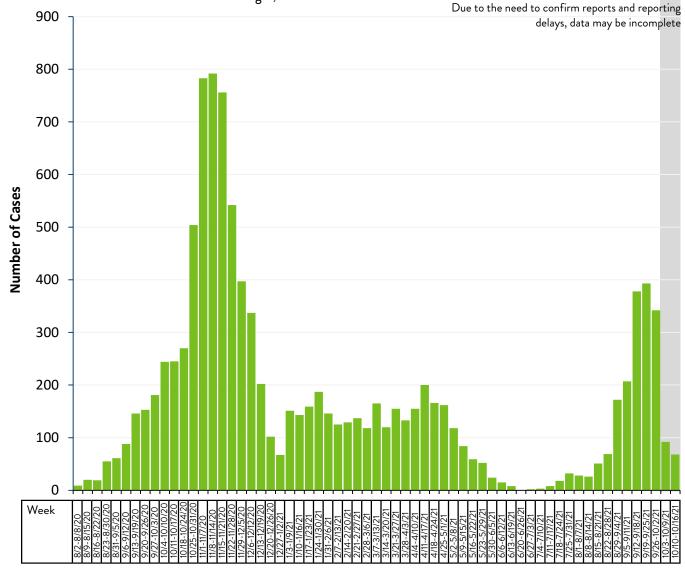
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

47

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

13

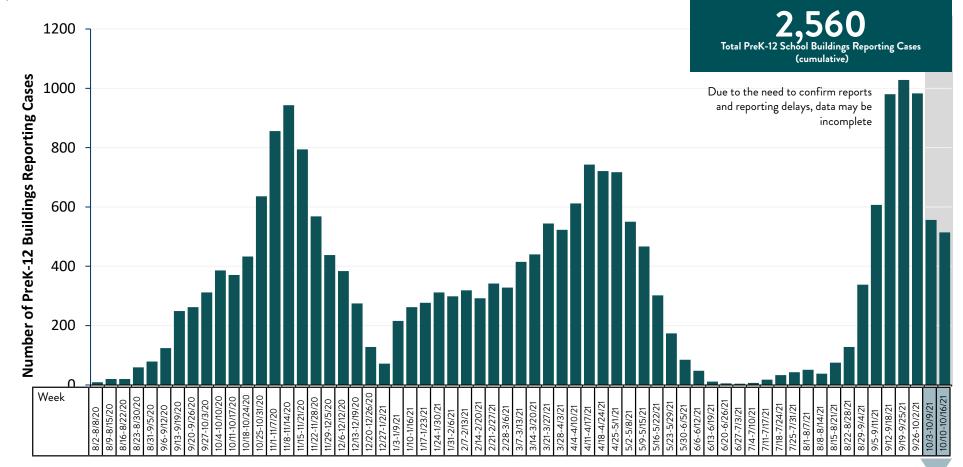
Total PreK-12-affiliated Staff Deaths (cumulative)



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)

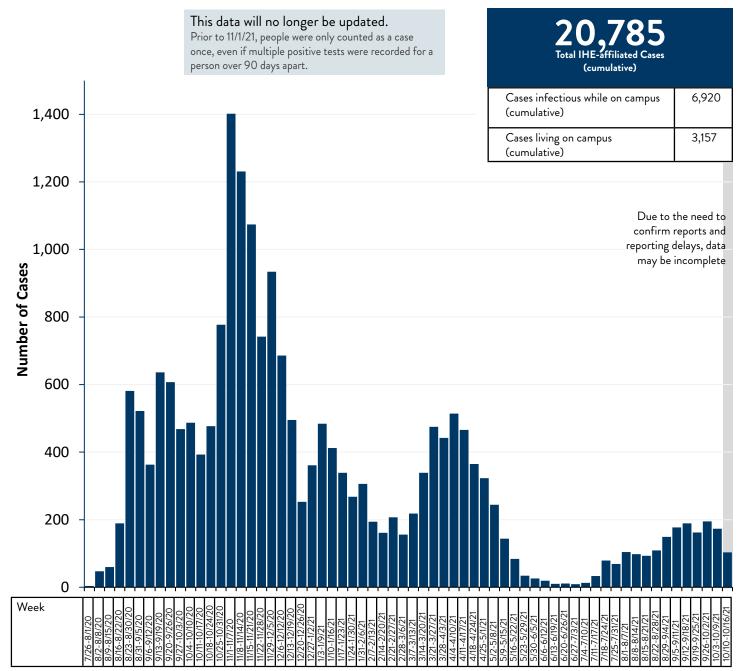
Cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Numbers include confirmed and probable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



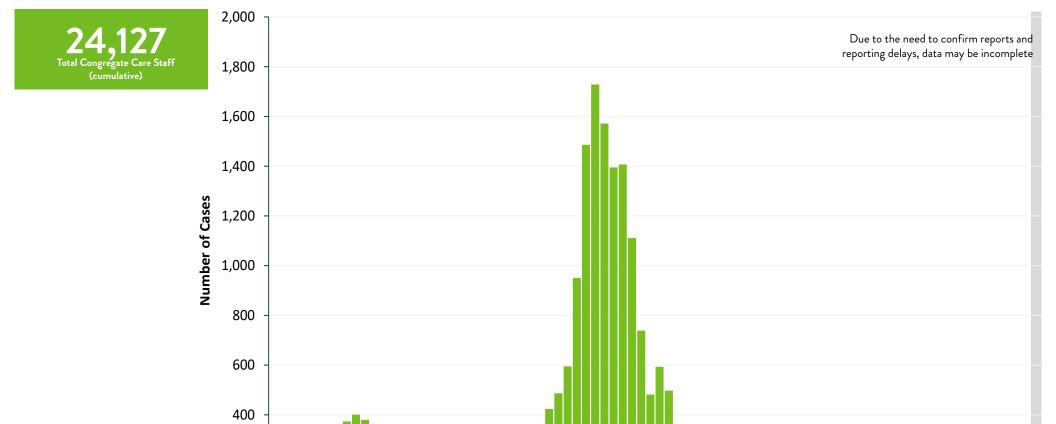
Staff Cases Associated with Congregate Care Settings (Archived)

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.

200

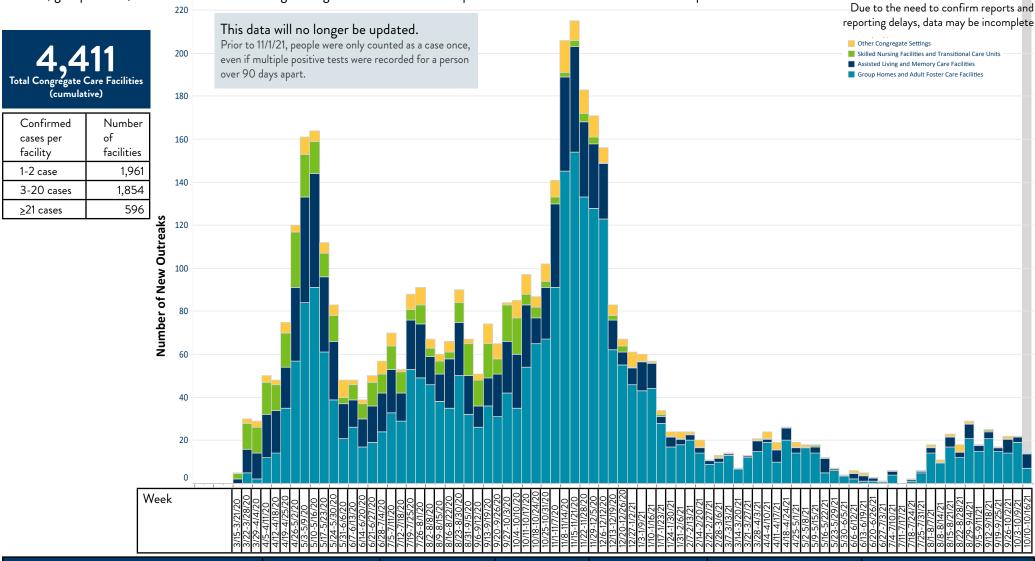
Week

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)