

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 trends and situational insights as well as trends over time.

- 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.
- Coronavirus Disease 2019 (COVID-19) (https://www.cdc.gov/coronavirus/2019-nCoV/)
- Neighboring states' COVID-19 information:
- Wisconsin: COVID-19 (Coronavirus Disease) (https://www.dhs.wisconsin.gov/covid-19/)
- <u>Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)</u>
- North Dakota: Coronavirus (https://www.health.nd.gov/diseases-conditions/coronavirus/)
- South Dakota: Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)

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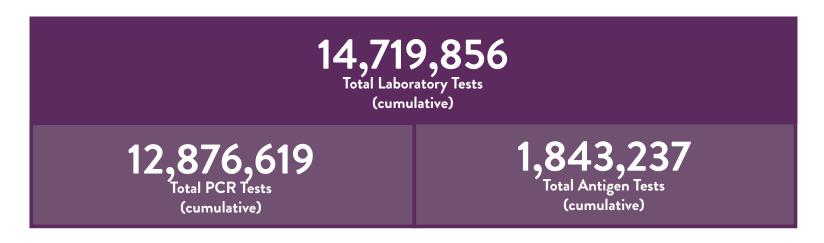
About Minnesota COVID-19 Data

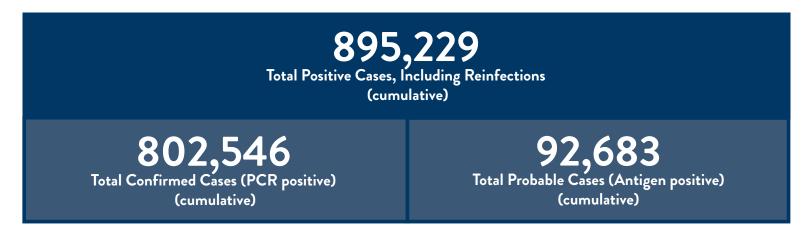
- Data is for cases that were tested and returned positive.
 - · At-home test results are not counted by MDH.
 - Many people with COVID-19 are not tested, so the cases in this report represent only a fraction of the total number of cases in Minnesota.
- All data is preliminary and may change as cases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



health.mn.gov/coronavirus

COVID-19 Overview Summary





45,214
Total Hospitalizations
(cumulative)

9,025
Total ICU Hospitalizations
(cumulative)

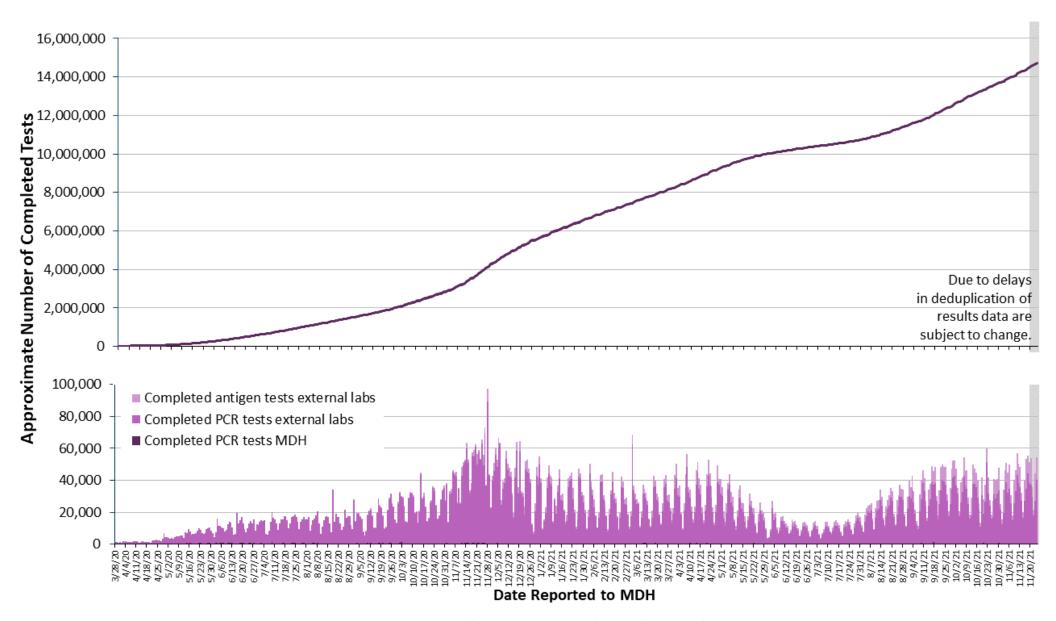
9,338
Total Deaths
(cumulative)

851,607
Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19

14,719,856
Total Laboratory Tests
(cumulative)

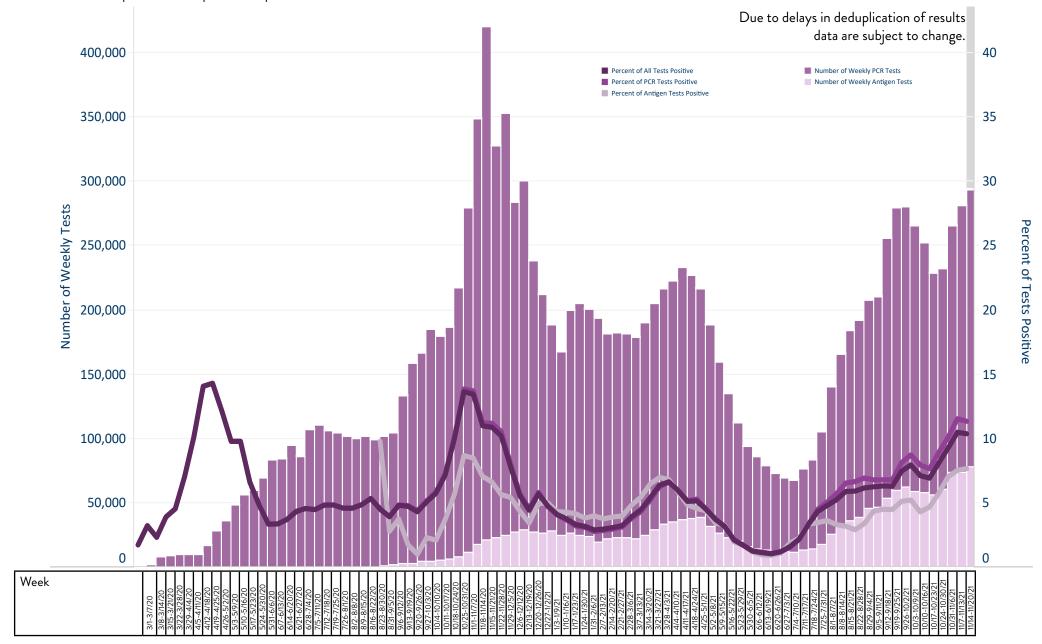
Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported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

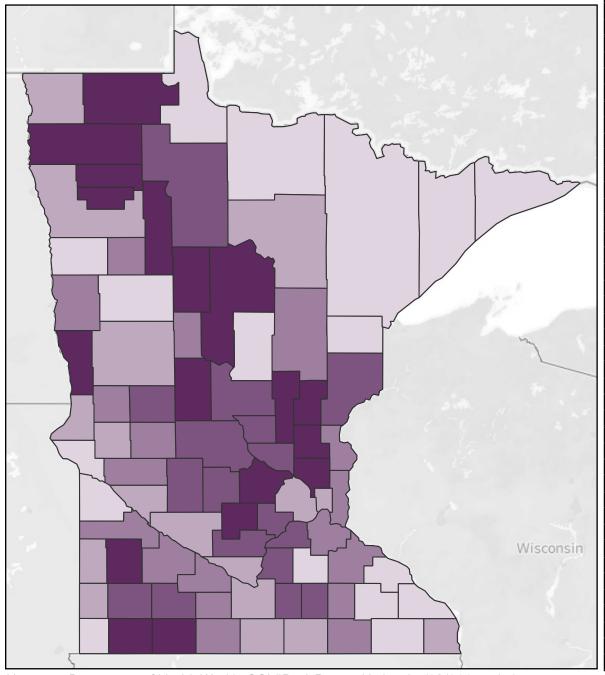
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests.



Laboratory Test Rates by County of Residence

26,002 tests per 10,000 people statewide

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.

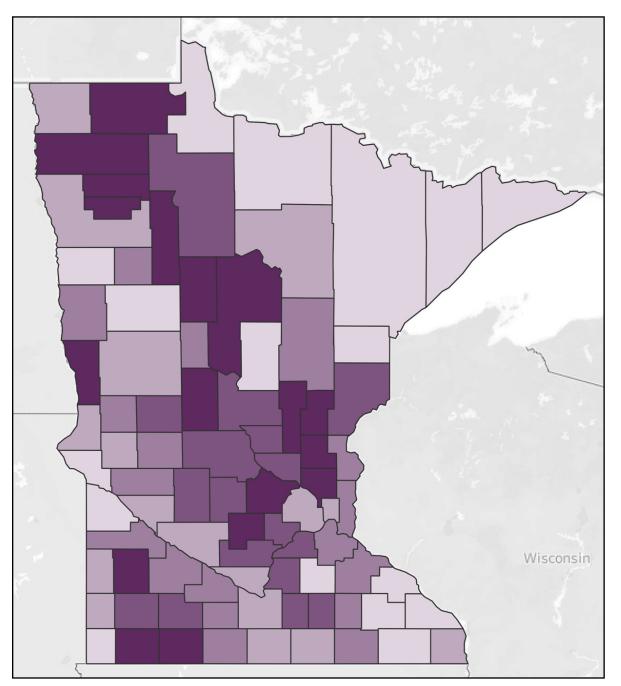


actice			tests per 10,000 people statewide			
County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate	
Aitkin	30,563	19,302	Martin	53,106	26,601	
Anoka	782,375	22,519	McLeod	88,021	24,570	
Becker	81,730	24,200	Meeker	54,599	23,657	
Beltrami	96,804	20,991	Mille Lacs	65,741	25,552	
Benton	114,844	28,871	Morrison	85,485	25,945	
Big Stone	18,345	36,573	Mower	105,632	26,673	
Blue Earth	181,536	27,372	Murray	19,391	23,214	
Brown	74,930	29,721	Nicollet	87,677	25,953	
Carlton	109,820	30,900	Nobles	40,836	18,699	
Carver	220,165	21,925	Norman	20,298	30,947	
Cass	49,076	16,910	Olmsted	389,265	25,431	
Chippewa	36,406	30,313	Otter Tail	156,878	27,052	
Chisago	136,064	24,862	Pennington	22,183	15,639	
Clay	137,214	21,849	Pine	55,745	19,137	
Clearwater	14,978	16,997	Pipestone	24,431	26,599	
Cook	12,131	22,841	Polk	67,374	21,327	
Cottonwood	27,118	23,846	Pope	29,587	26,946	
Crow Wing	133,373	20,887	Ramsey	1,381,173	25,507	
Dakota	992,813	23,740	Red Lake	6,063	15,127	
Dodge	54,121	26,295	Redwood	39,382	25,688	
Douglas	99,804	26,827	Renville	42,177	28,651	
Faribault	42,522	30,600	Rice	246,775	37,524	
Fillmore	57,915	27,726	Rock	27,676	29,402	
Freeborn	90,040	29,496	Roseau	34,111	22,061	
Goodhue	122,763	26,562	Scott	322,313	22,481	
Grant	14,013	23,599	Sherburne	255,264	27,380	
Hennepin	3,236,311	26,195	Sibley	32,837	22,021	
Houston	28,500	15,271	St. Louis	534,076	26,693	
Hubbard	30,305	14,526	Stearns	404,621	25,802	
Isanti	79,961	20,516	Steele	92,333	25,175	
Itasca	112,132	24,806	Stevens	26,964	27,559	
Jackson	17,814	17,731	Swift	25,440	27,032	
Kanabec	27,420	17,133	Todd	46,152	18,884	
Kandiyohi	120,977	28,360	Traverse	9,327	27,950	
Kittson	12,322	28,411	Wabasha	63,657	29,608	
Koochiching	33,218	26,272	Wadena	47,536	34,835	
Lac qui Parle	20,938	30,914	Waseca	46,753	24,857	
Lake	28,312	26,788	Washington	645,962	25,500	
Lake of the Woods	9,859	25,883	Watonwan	27,062	24,662	
Le Sueur	57,657	20,604	Wilkin	11,646	18,360	
Lincoln	14,208	24,896	Winona	142,917	28,107	
Lyon	60,998	23,607	Wright	279,578	21,061	
Mahnomen	10,026	18,209	Yellow Medicine	26,052	26,400	
Marshall	14,180	15,098	Unknown/missing	541,546	D . 6	

Percent of Tests Positive by County of Residence

6.4%
% positive statewide (cumulative)

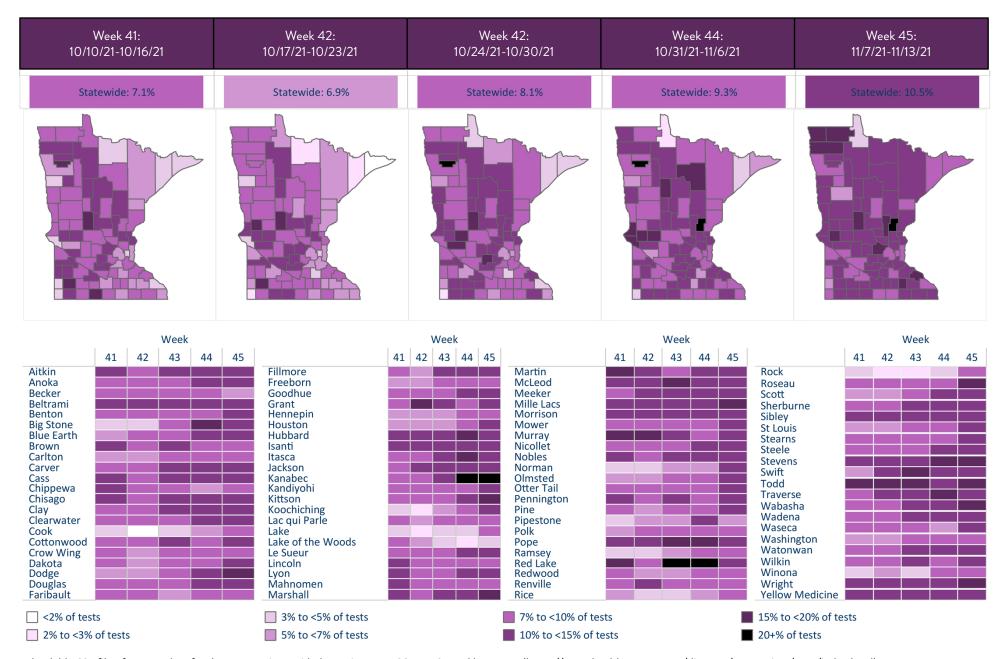
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



		% positive statewide (cumulative)			
County	% Positive	County	% Positive		
Aitkin	6.8%	Martin	6.9%		
Anoka	8.1%	McLeod	8.0%		
Becker	5.6%	Meeker	7.6%		
Beltrami	7.9%	Mille Lacs	8.2%		
Benton	7.5%	Morrison	7.5%		
Big Stone	4.6%	Mower	6.7%		
Blue Earth	6.1%	Murray	7.7%		
Brown	6.3%	Nicollet	6.0%		
Carlton	4.6%	Nobles	12.3%		
Carver	7.2%	Norman	4.2%		
Cass	8.1%	Olmsted	5.5%		
Chippewa	5.9%	Otter Tail	5.7%		
Chisago	7.2%	Pennington	8.9%		
Clay	6.6%	Pine	8.0%		
Clearwater	9.4%	Pipestone	5.9%		
Cook	2.6%	Polk	5.9%		
Cottonwood	8.0%	Pope	6.4%		
Crow Wing	5.6%	Ramsey	5.7%		
Dakota	7.0%	Red Lake	9.7%		
Dodge	6.3%	Redwood	6.9%		
Douglas	7.5%	Renville	6.2%		
Faribault	6.0%	Rice	4.5%		
Fillmore	5.1%	Rock	5.5%		
Freeborn	6.2%	Roseau	9.1%		
Goodhue	6.3%	Scott	7.6%		
Grant	6.6%	Sherburne	7.9%		
Hennepin	5.8%	Sibley	7.4%		
Houston	6.1%	St. Louis	5.0%		
Hubbard	8.3%	Stearns	7.9%		
Isanti	8.3%	Steele	7.3%		
Itasca	6.2%	Stevens	5.8%		
Jackson	8.6%	Swift	6.8%		
Kanabec	8.9%	Todd	9.4%		
Kandiyohi	7.9%	Traverse	5.7%		
Kittson	5.7%	Wabasha	5.6%		
Koochiching	4.9%	Wadena	6.8%		
Lac qui Parle	5.3%	Waseca	7.9%		
Lake	4.6%	Washington	6.5%		
Lake of the Woods	5.3%	Watonwan	6.9%		
Le Sueur	7.3%	Wilkin	8.1%		
Lincoln	5.7%	Winona	4.8%		
Lyon	8.6%	Wright	8.6%		
Mahnomen	6.6%	Yellow Medicine	6.6%		
Marshall	10.1%	Unknown/missing	3.6%		

Weekly Percent of Tests Positive by County of Residence

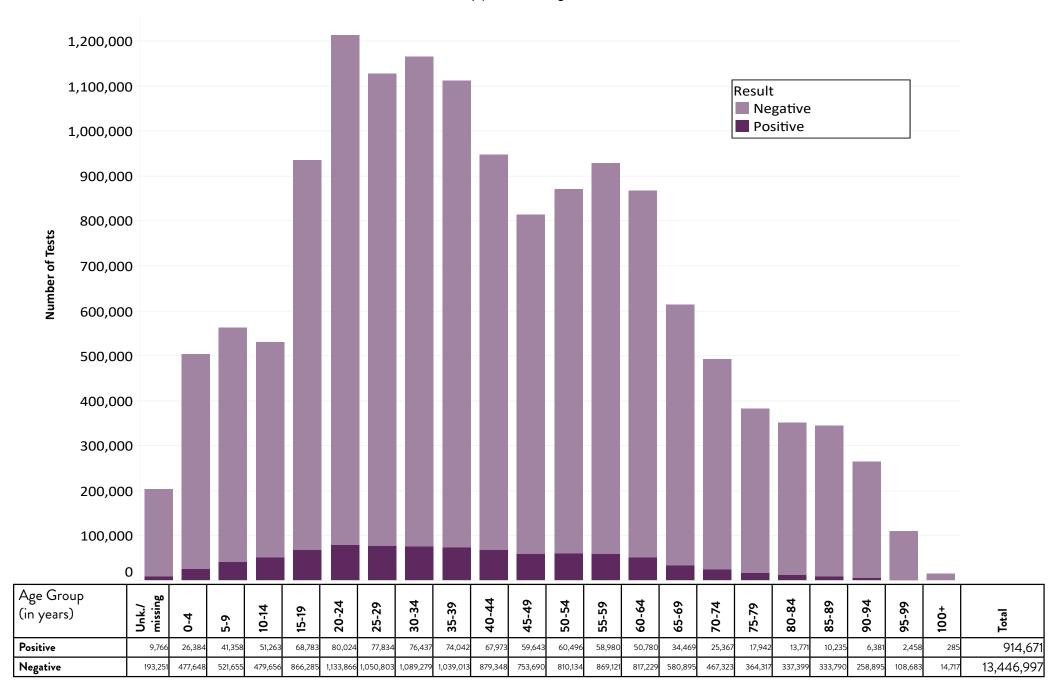
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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

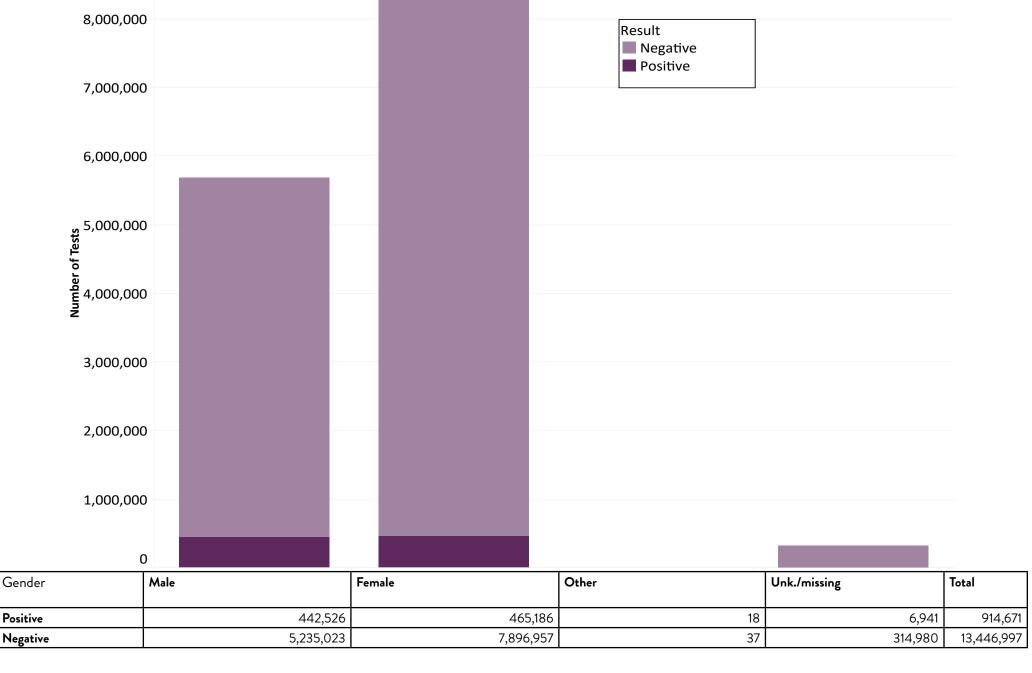
Testing Demographics: Age

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

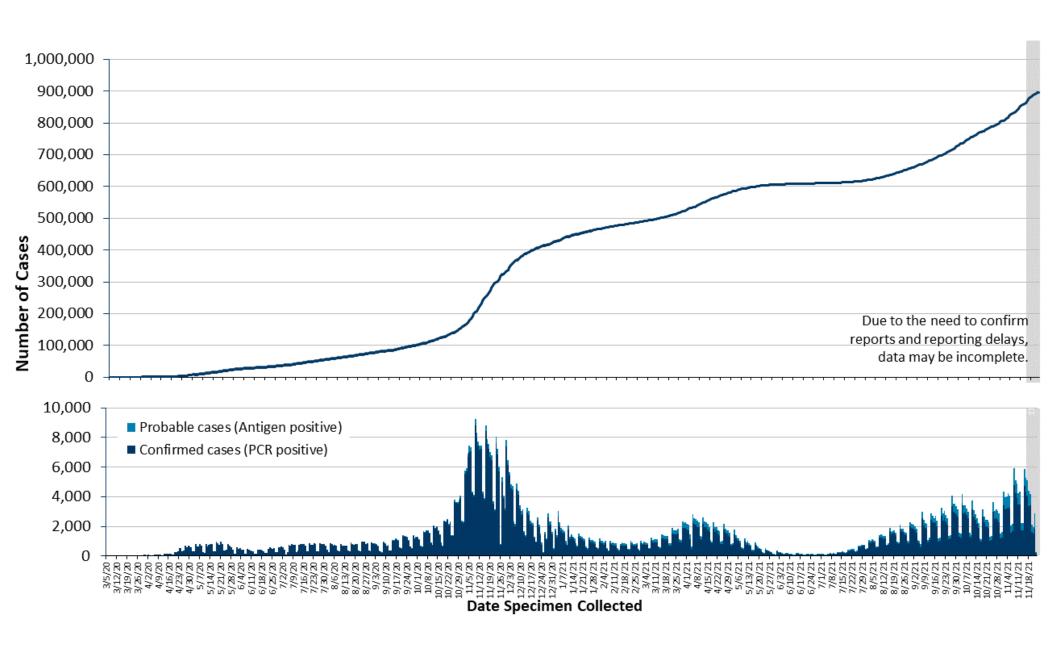
Number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



Positive COVID-19 Cases

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

895,229
Total Positive Cases,
including Reinfections
(cumulative)

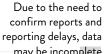


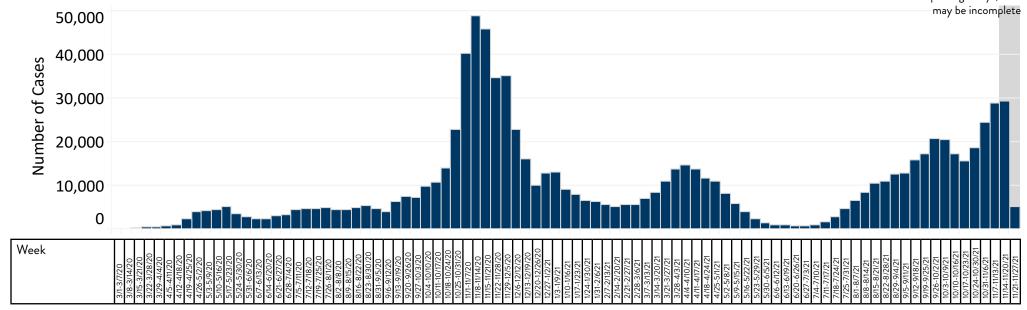
■ Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

New Cases by Week, 7-Day Average

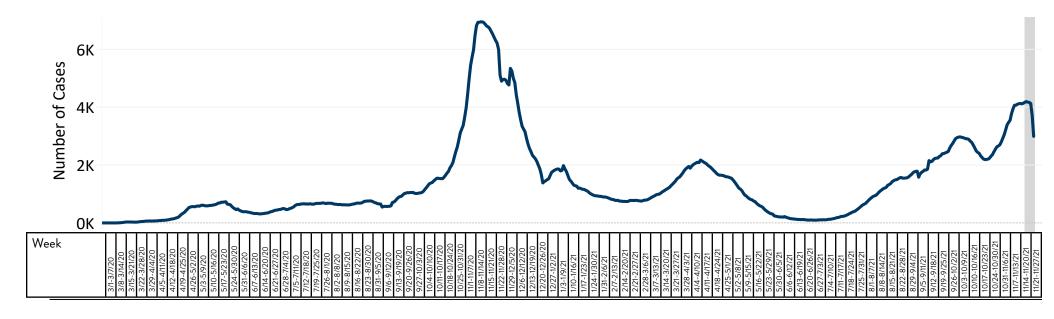
Cases by week of specimen collection date, and 7-day moving average of new cases.





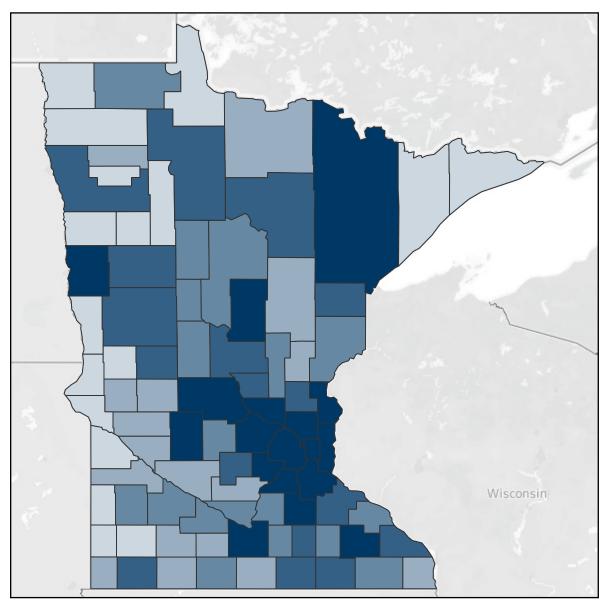


Seven Day Moving Average of New Cases



Cases by County of Residence Cumulative number of positive cases by county of residence, cases no longer needing isolation. Cases

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)

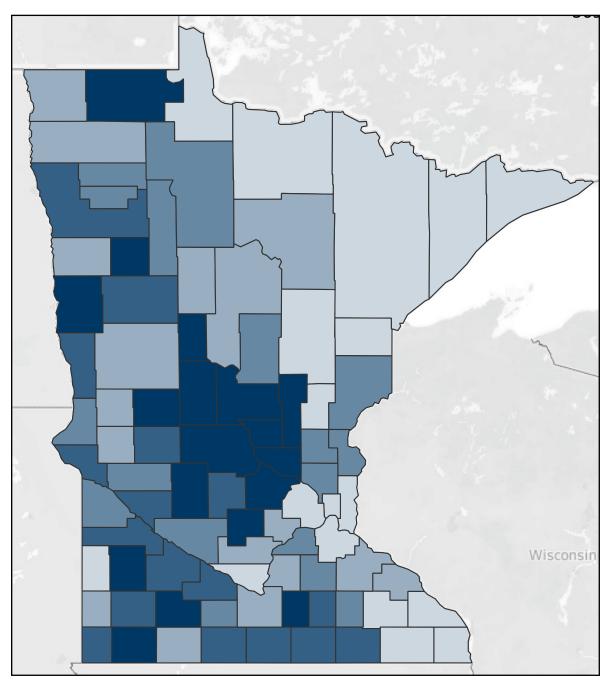
895,229 Total Positive Cases (cumulative)

851,607
No Longer Needing Isolation (cumulative)

County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation	
Aitkin	2,158	2,030	Martin	3,781	3,614	
Anoka	62,513	59,455	McLeod	6,944	6,630	
Becker	6,208	5,907	Meeker	4,223	4,010	
Beltrami	8,017	7,618	Mille Lacs	5,165	4,845	
Benton	8,815	8,297	Morrison	6,634	6,317	
Big Stone	936	901	Mower	7,213	6,997	
Blue Earth	11,263	10,743	Murray	1,509	1,469	
Brown	4,650	4,468	Nicollet	5,109	4,822	
Carlton	5,294	4,982	Nobles	5,216	5,089	
Carver	16,291	15,499	Norman	1,038	993	
Cass	4,912	4,697	Olmsted	21,750	20,478	
Chippewa	2,163	2,058	Otter Tail	9,611	9,136	
Chisago	9,746	9,331	Pennington	2,475	2,322	
Clay	11,923	11,420	Pine	5,006	4,765	
Clearwater	1,557	1,470	Pipestone	1,483	1,428	
Cook	302	289	Polk	5,916	5,642	
Cottonwood	2,250	2,129	Pope	2,032	1,912	
Crow Wing	11,003	10,529	Ramsey	72,270	68,744	
Dakota	66,032	62,728	Red Lake	707	668	
Dodge	3,515	3,242	Redwood	2,778	2,630	
Douglas	7,689	7,175	Renville	2,641	2,520	
Faribault	2,530	2,402	Rice	11,234	10,690	
Fillmore	2,991	2,825	Rock	1,747	1,692	
Freeborn	5,508	5,279	Roseau	3,079	2,949	
Goodhue	7,865	7,288	Scott	25,329	24,099	
Grant	971	919	Sherburne	18,478	17,500	
Hennepin	174,977	167,294	Sibley	2,469	2,355	
Houston	2,668	2,560	St. Louis	28,761	26,908	
Hubbard	3,498	3,303	Stearns	32,821	31,269	
Isanti	6,813	6,434	Steele	6,694	6,418	
Itasca	7,527	7,137	Stevens	1,645	1,541	
Jackson	1,592	1,549	Swift	1,693	1,588	
Kanabec	2,415	2,244	Todd	4,836	4,607	
Kandiyohi	9,660	9,275	Traverse	599	584	
Kittson	715	663	Wabasha	3,660	3,500	
Koochiching	1,681	1,544	Wadena	2,982	2,821	
Lac qui Parle	1,200	1,128	Waseca	3,651	3,500	
Lake	1,298	1,225	Washington	39,357	37,411	
Lake of the Woods	523	505	Watonwan	1,949	1,879	
Le Sueur	4,459	4,250	Wilkin	1,194	1,148	
Lincoln	870	843	Winona	7,027	6,744	
Lyon	5,187	4,958	Wright	25,354	24,050	
Mahnomen	1,047	1,000	Yellow Medicine	1,854	1,752	
Marshall	1,511	1,443	Unknown/missing	572	535	

Cumulative Case Rate by County of Residence

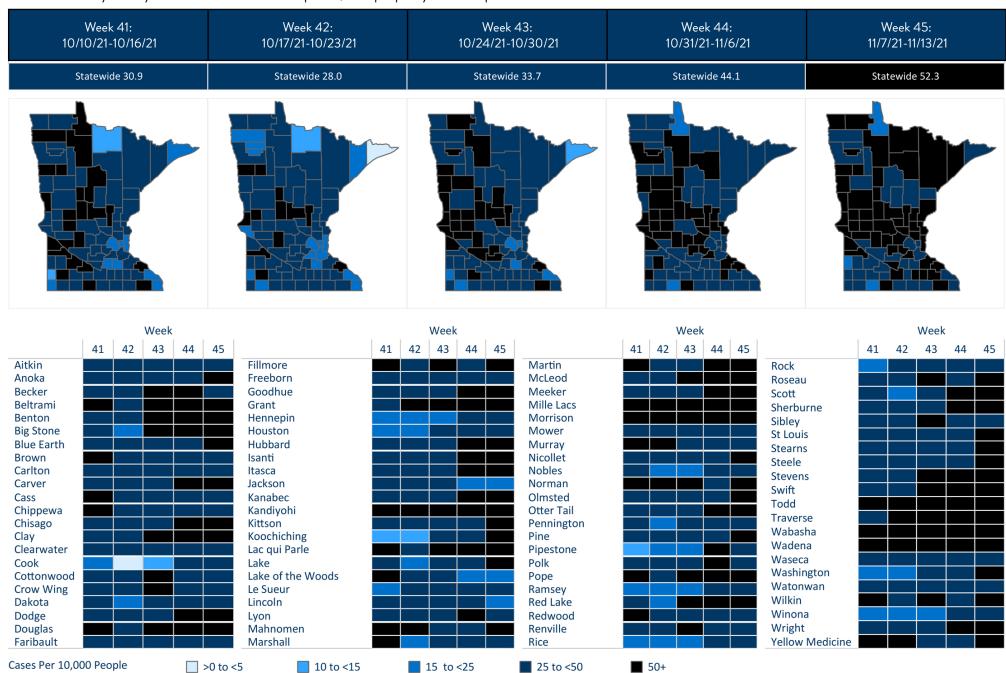
Cumulative number of cases by county of residence per 10,000 people.



		cases	per 10,000 people
County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,363	Martin	1,894
Anoka	1,799	McLeod	1,938
Becker	1,838	Meeker	1,830
Beltrami	1,738	Mille Lacs	2,008
Benton	2,216	Morrison	2,013
Big Stone	1,866	Mower	1,821
Blue Earth	1,698	Murray	1,807
Brown	1,844	Nicollet	1,512
Carlton	1,490	Nobles	2,388
Carver	1,622	Norman	1,583
Cass	1,693	Olmsted	1,421
Chippewa	1,801	Otter Tail	1,657
Chisago	1,781	Pennington	1,745
Clay	1,899	Pine	1,719
Clearwater	1,767	Pipestone	1,615
Cook	569	Polk	1,873
Cottonwood	1,979	Pope	1,851
Crow Wing	1,723	Ramsey	1,335
Dakota	1,579	Red Lake	1,764
Dodge	1,708	Redwood	1,812
Douglas	2,067	Renville	1,794
Faribault	1,821	Rice	1,708
Fillmore	1,432	Rock	1,856
Freeborn	1,804	Roseau	1,991
Goodhue	1,702	Scott	1,767
Grant	1,635	Sherburne	1,982
Hennepin	1,416	Sibley	1,656
Houston	1,430	St. Louis	1,437
Hubbard	1,677	Stearns	2,093
Isanti	1,748	Steele	1,825
Itasca	1,665	Stevens	1,681
Jackson	1,585	Swift	1,799
Kanabec	1,509	Todd	1,979
Kandiyohi	2,265	Traverse	1,795
Kittson	1,649	Wabasha	1,702
Koochiching	1,329	Wadena	2,185
Lac qui Parle	1,772	Waseca	1,941
Lake	1,228	Washington	1,554
Lake of the Woods	1,373	Watonwan	1,776
Le Sueur	1,593	Wilkin	1,882
Lincoln	1,524	Winona	1,382
Lyon	2,007	Wright	1,910
Mahnomen	1,902	Yellow Medicine	1,879
Marshall	1,609		
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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.



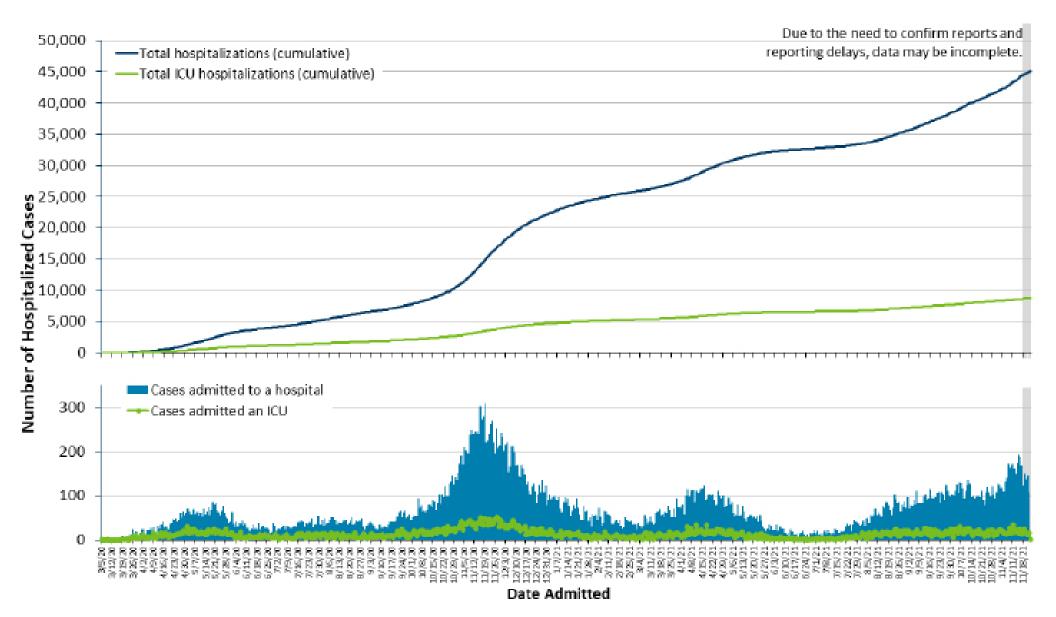
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

45,214
Total Hospitalizations
(cumulative)

9,025
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.

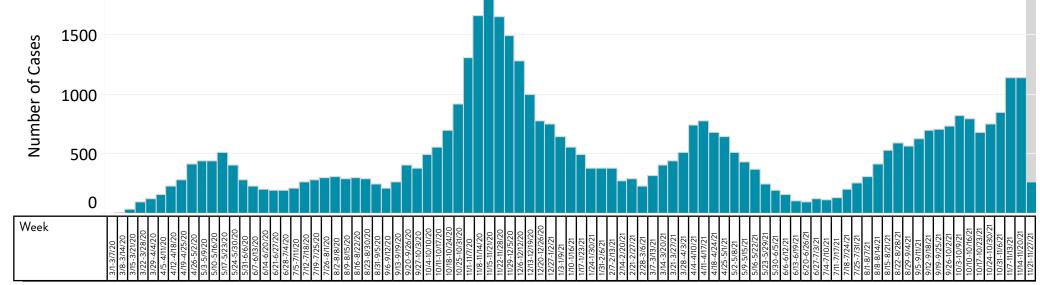


[■] Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

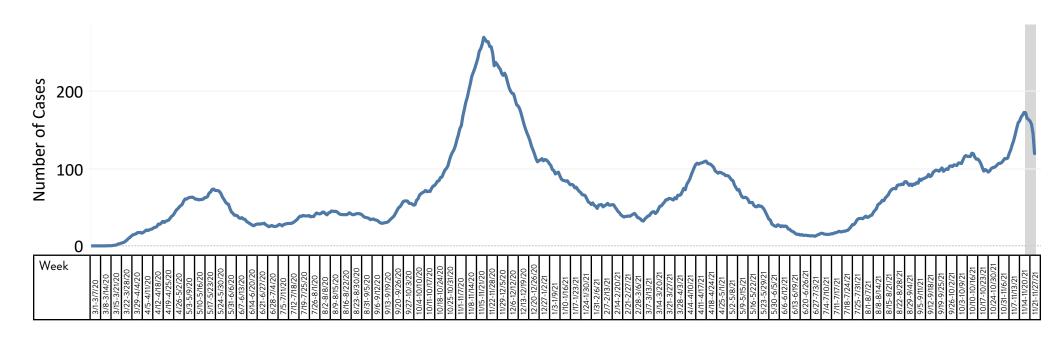
Hospitalizations by Week, 7-Day Average

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





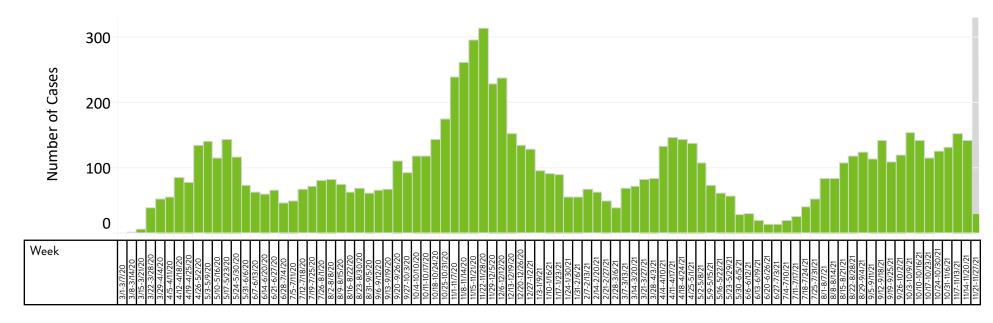
Seven Day Moving Average of New Hospitalizations



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



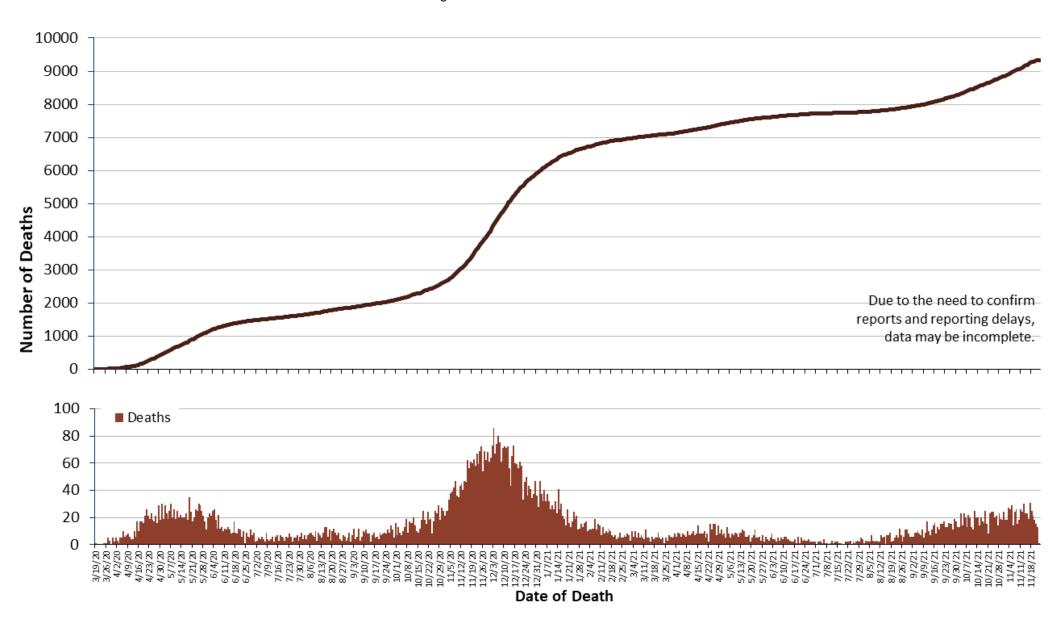
Seven Day Moving Average of New ICU Hospitalizations



COVID-19 Deaths

9,338
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.).

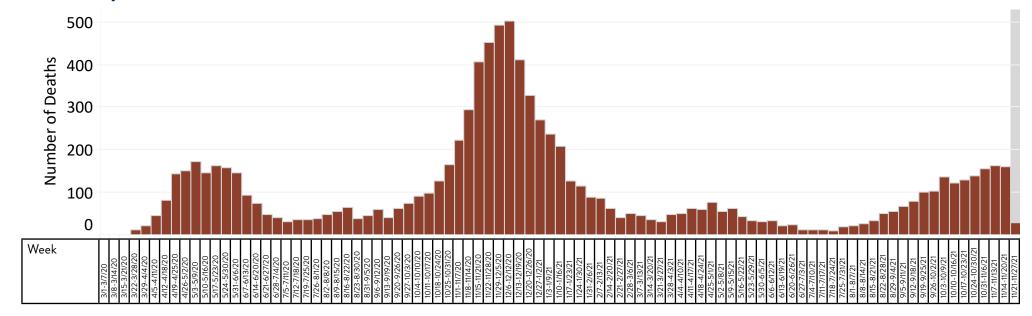


[■] Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

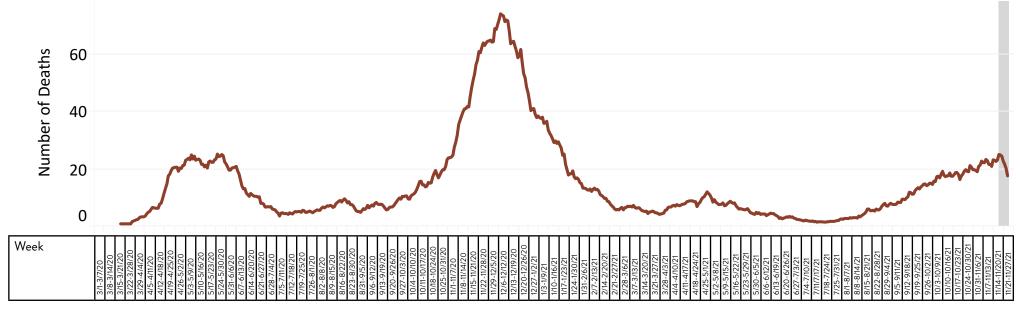
Deaths by Week, 7-Day Average

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

Deaths by Week of Death

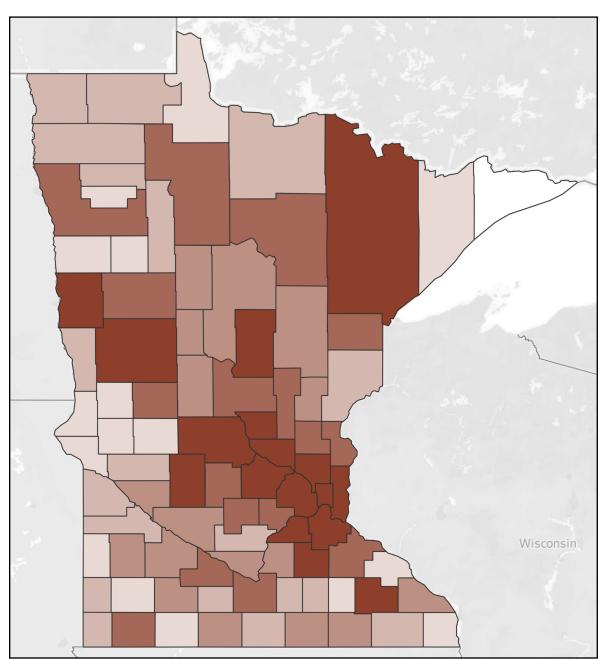






Deaths by County of Residence

Cumulative number of deaths by county of residence.

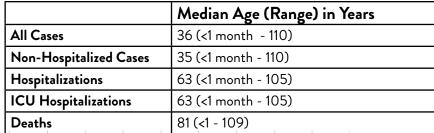


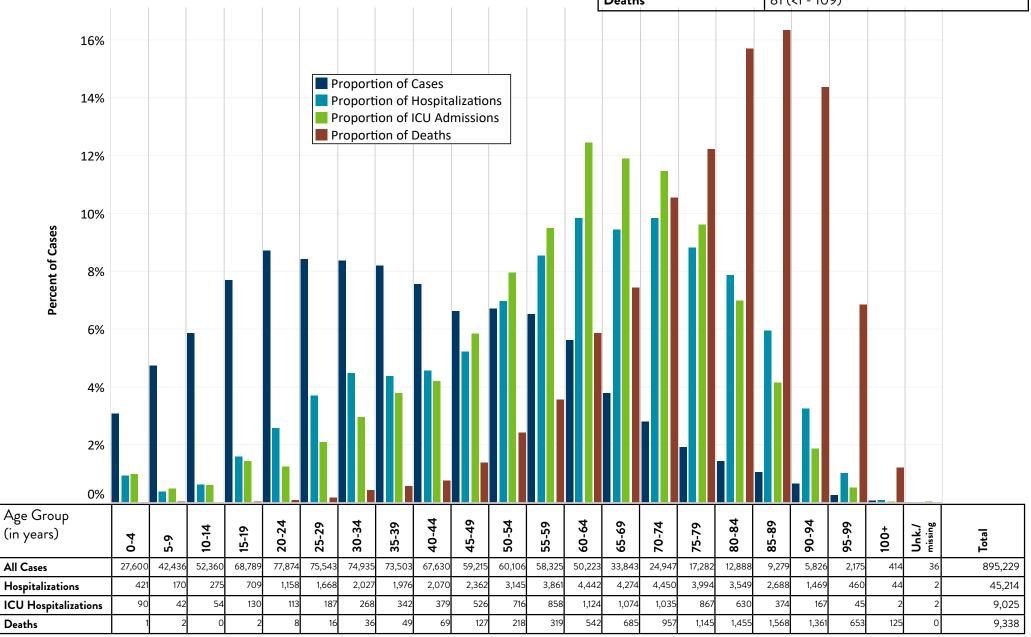
■ Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Total Deaths (cumulative)				
County	Deaths	County	Deaths	
Aitkin	50	Martin	43	
Anoka	568	McLeod	83	
Becker	73	Meeker	57	
Beltrami	94	Mille Lacs	73	
Benton	124	Morrison	79	
Big Stone	5	Mower	49	
Blue Earth	66	Murray	11	
Brown	57	Nicollet	60	
Carlton	74	Nobles	54	
Carver	66	Norman	9	
Cass	52	Olmsted	127	
Chippewa	42	Otter Tail	126	
Chisago	76	Pennington	29	
Clay	103	Pine	41	
Clearwater	20	Pipestone	29	
Cook	0	Polk	84	
Cottonwood	32	Pope	10	
Crow Wing	122	Ramsey	1,040	
Dakota	572	Red Lake	10	
Dodge	11	Redwood	45	
Douglas	100	Renville	51	
Faribault	32	Rice	138	
Fillmore	15	Rock	28	
Freeborn	46	Roseau	31	
Goodhue	96	Scott	181	
Grant	9	Sherburne	126	
Hennepin	2,017	Sibley	17	
Houston	17	St. Louis	399	
Hubbard	48	Stearns	275	
Isanti	83	Steele	31	
Itasca	96	Stevens	11	
Jackson	16	Swift	22	
Kanabec	36	Todd	42	
Kandiyohi	106	Traverse	6	
Kittson	23	Wabasha	10	
Koochiching	23	Wadena	39	
Lac qui Parle	25	Waseca	32	
Lake	24	Washington	355	
Lake of the Woods	5	Watonwan	20	
Le Sueur	33	Wilkin	16	
Lincoln	5	Winona	56	
	61		211	
Lyon	14	Wright Yellow Medicine	23	
Marshall	22	Unknown/missing	0	
	ifically noted.	Olikilowii/ilissiilg	Page 2	

Demographics: Age

Age groups, median age, and range for cases.

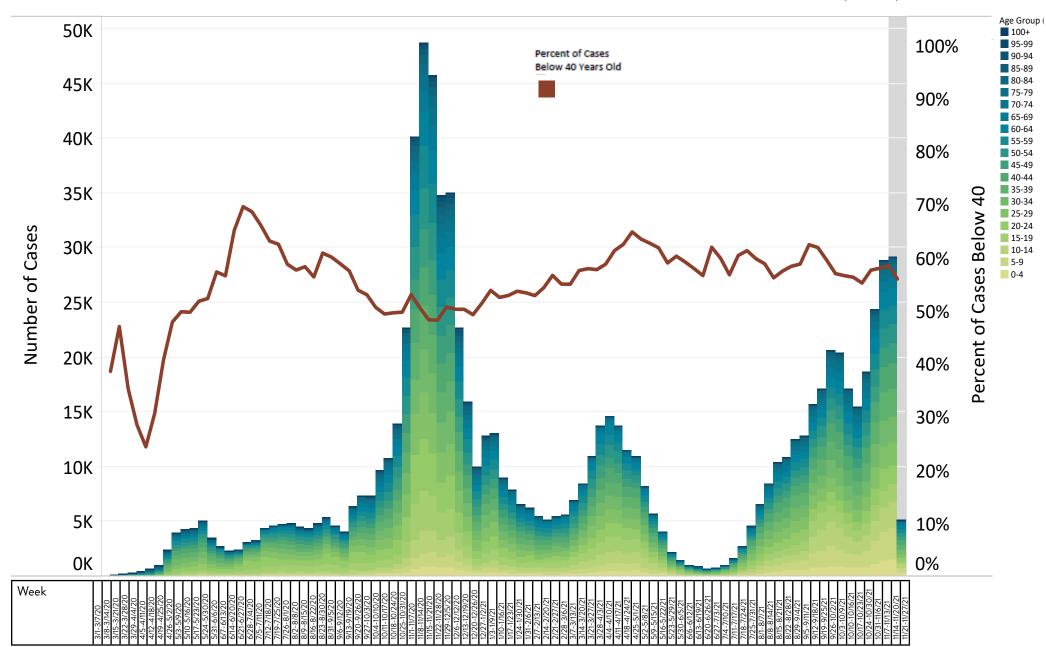




Cases by Age Group and Specimen Collection Date

Cases by age group by date of specimen collection in Minnesota.

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

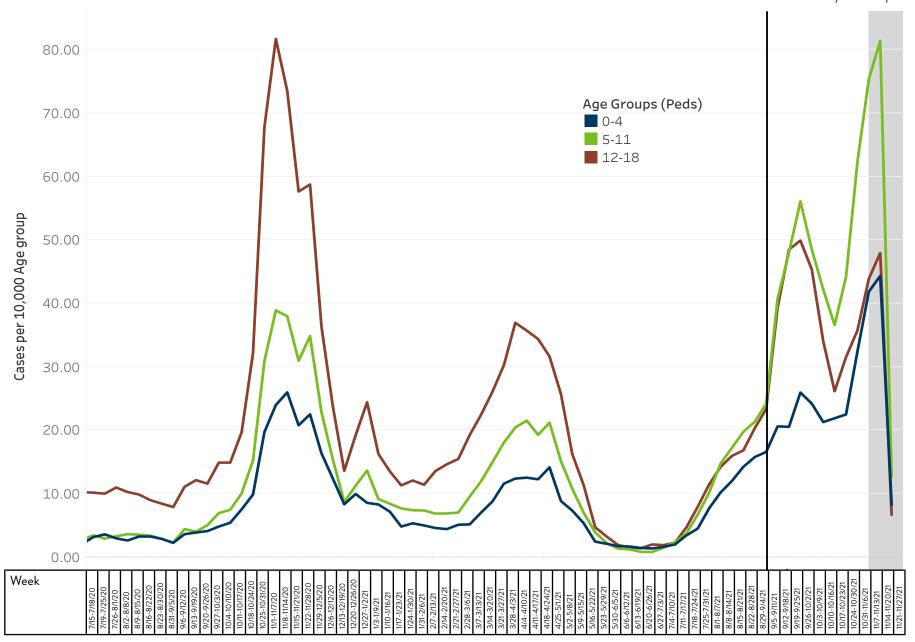


Downloadable CSV file of current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Case Rate in Children by Specimen Collection Date

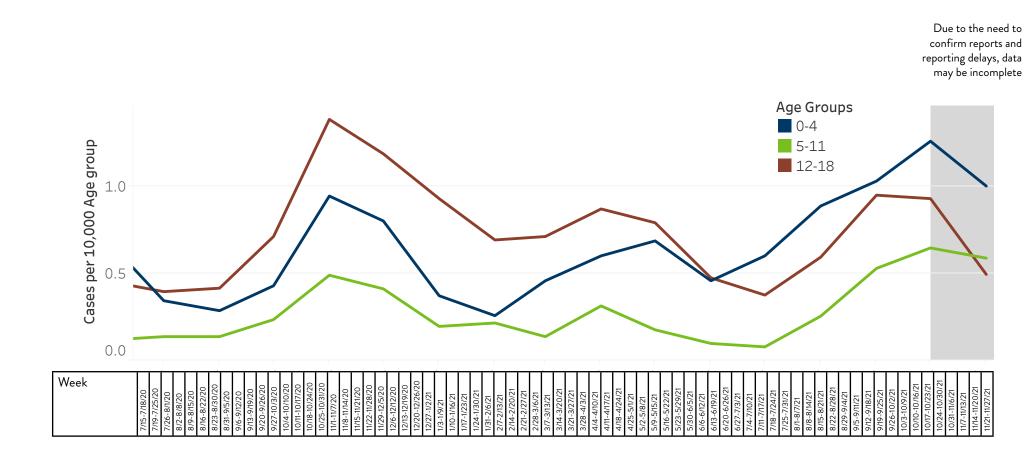
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



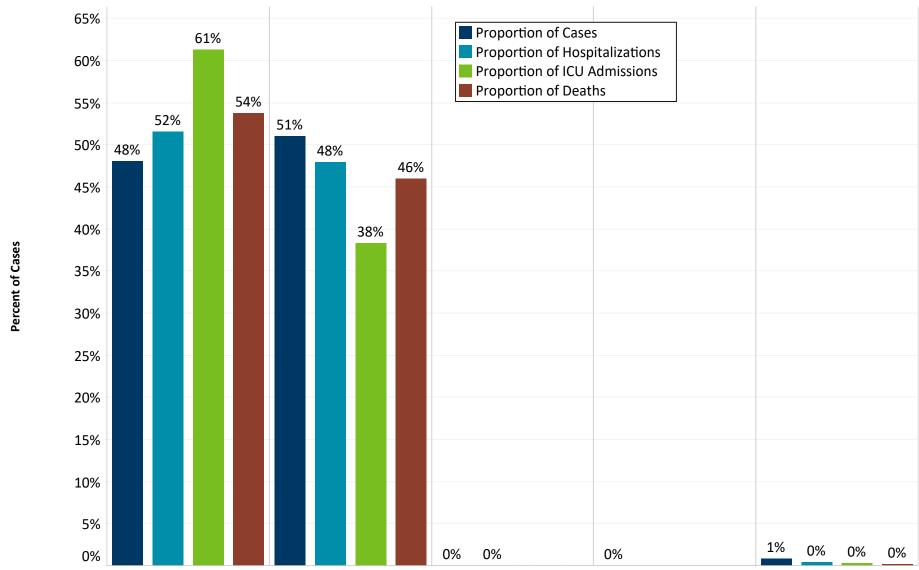
Hospitalization Rate in Children by Specimen Collection Date

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

Gender is collected during case interview and is self-reported.

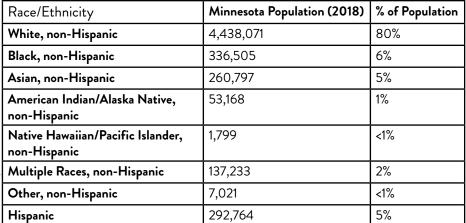


Gender	Male	Female	Other	Unk./missing	Total
All Cases	430,738	456,982	111	7,398	895,229
Hospitalizations	23,332	21,690	1	191	45,214
ICU Hospitalizations	5,533	3,458	0	34	9,025
Deaths	5,007	4,304	0	27	9,338

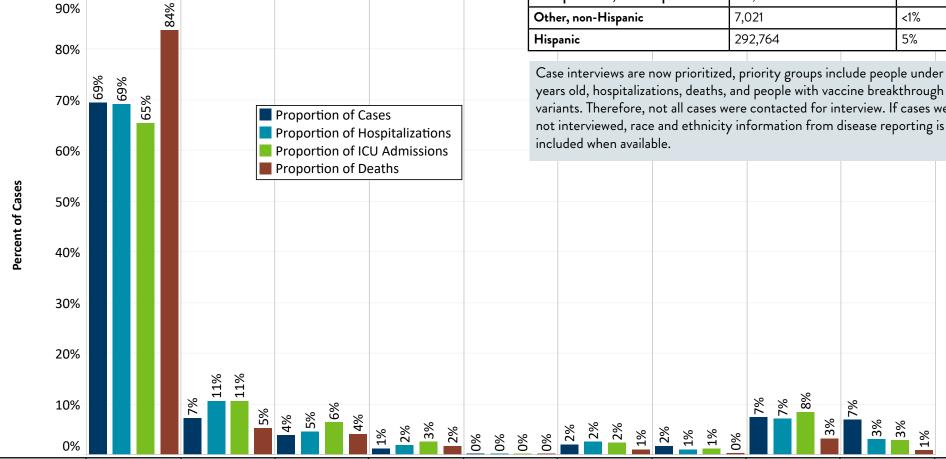
Demographics: Race & Ethnicity

Race and ethnicity is reported during case interview. Individuals who report more than one race are categorized into the multiple race category.

90%



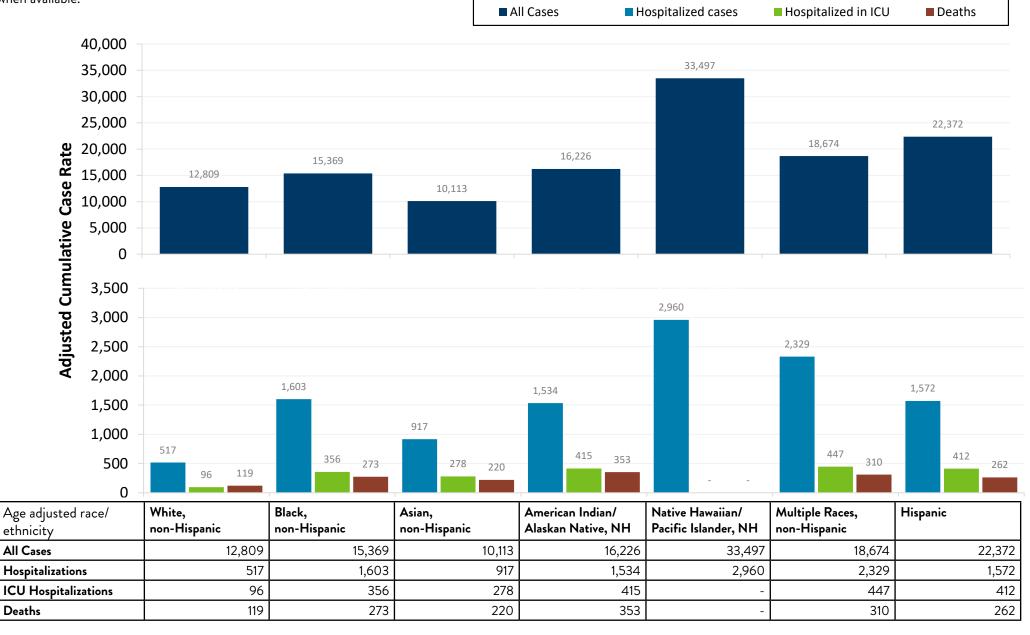
Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were



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	621,790	65,204	33,929	10,998	1,094	17,677	15,638	66,801	62,098	895,229
Hospitalizations	31,261	4,762	2,088	855	70	1,114	478	3,193	1,393	45,214
ICU Hospitalizations	5,901	951	579	235	15	220	105	765	254	9,025
Deaths	7,872	460	354	150	11	97	27	290	77	9,338

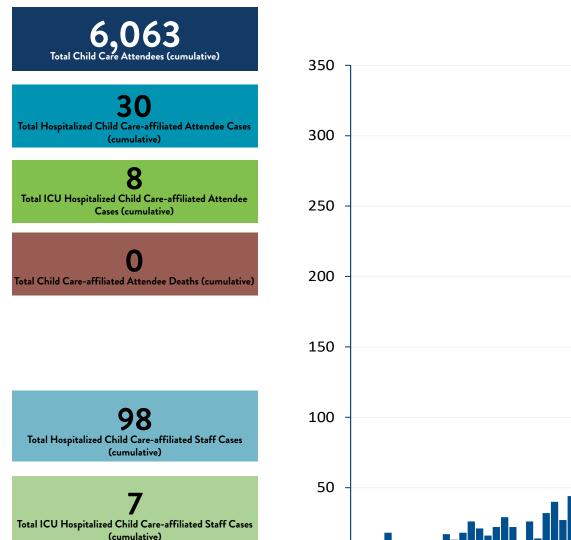
Age-Adjusted Race & Ethnicity Rates

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.

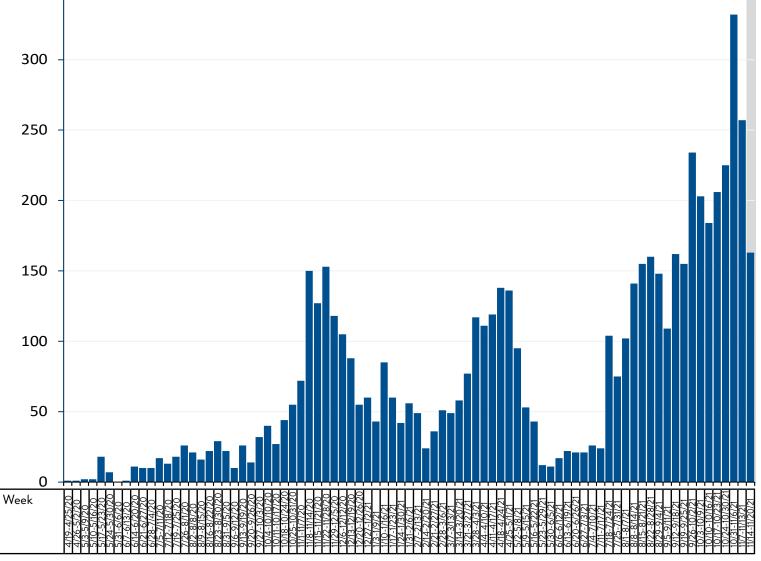


Potential Exposure in Child Care Settings

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.



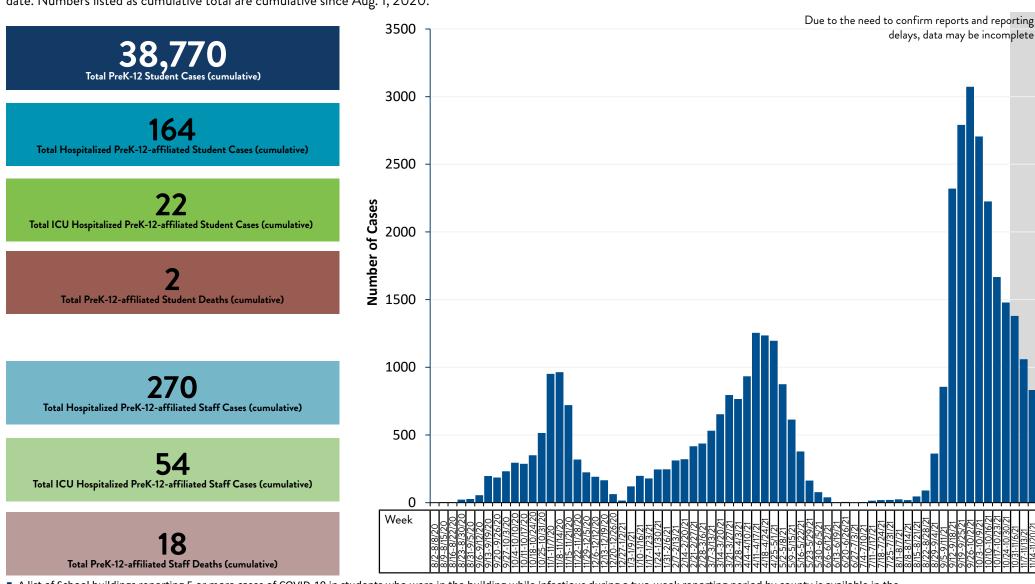
Total Child Care-affiliated Staff Deaths (cumulative)



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

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.



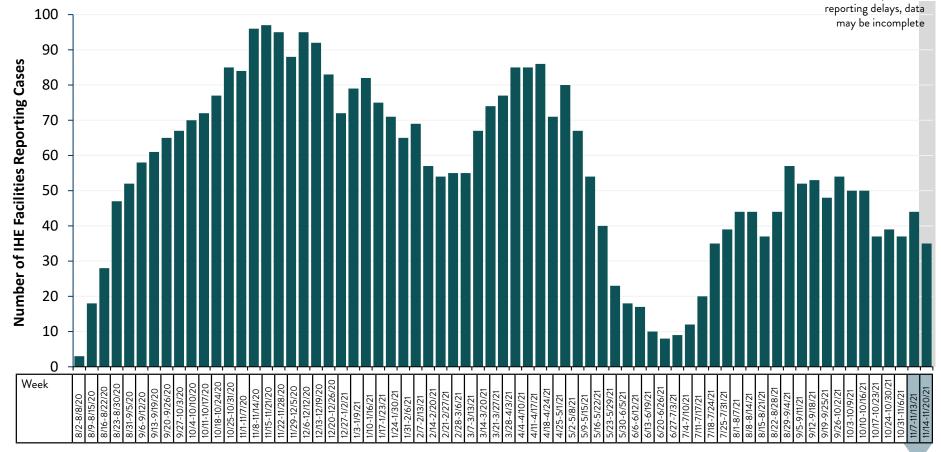
[■] A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

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.

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

> Due to the need to confirm reports and

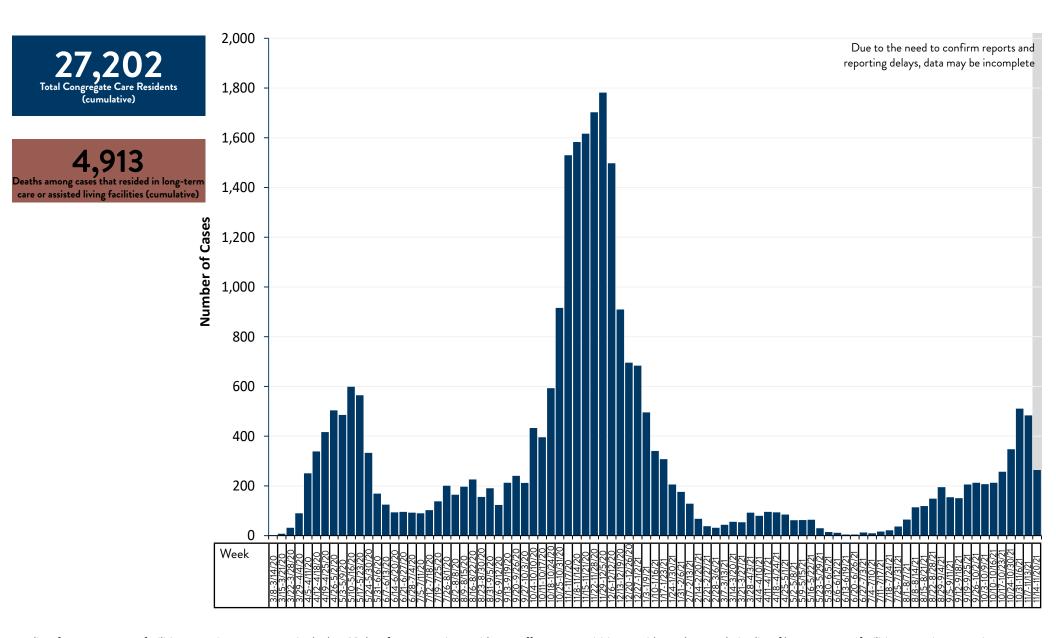


The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 11/17-11/20/21
1-10 cases	39
11-30 cases	10
31-99 cases	0
≥100 cases	0
Total	49

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.

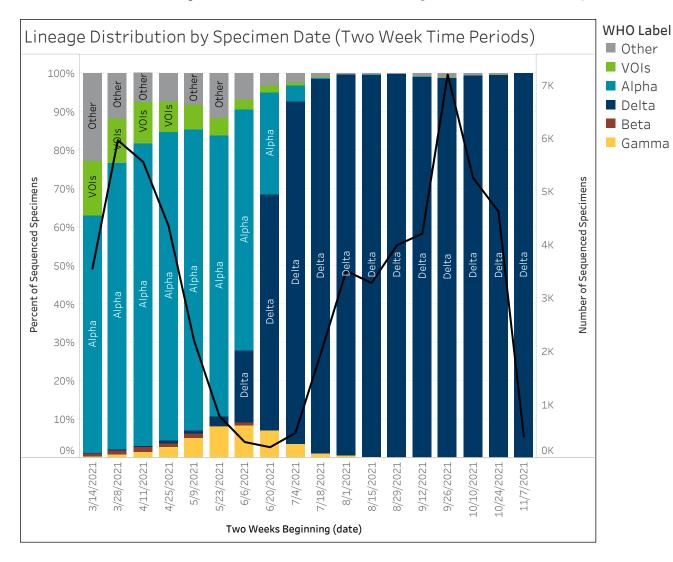


A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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/)

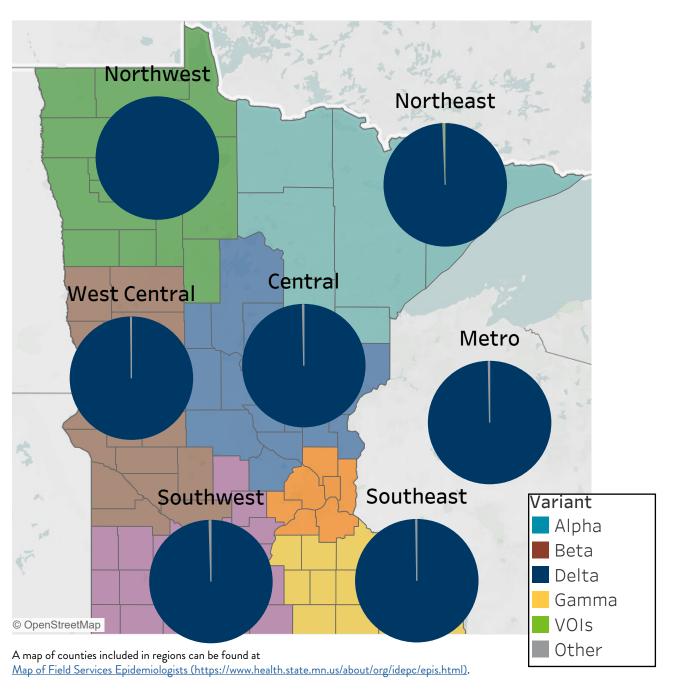


	Variant Distribution Since 10/10/2021*					
Delta	B.1.617.2	82.92%				
	AY.3	16.71%				
	AY.1	0.04%				
VOIs	B.1.526	0.01%				
Other	Other	0.32%				

^{*}All VOI and VOC are included in this list, as well as any lineages that account for ≥1% of all specimens sequenced since 10/10/2021. 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.

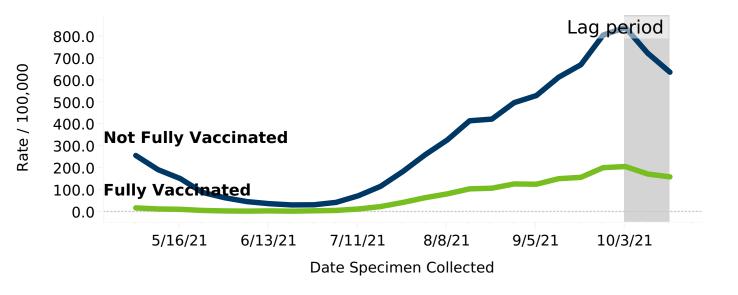


Region & Variant	Variant %	Region & Variant	Variant %
Northwest		Northeast	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	100.0%	Delta	99.4%
Gamma	0.0%	Gamma	0.0%
Other	0.0%	Other	0.5%
VOIs	0.0%	VOIs	0.2%
West Central		Central	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	99.8%	Delta	99.7%
Gamma	0.0%	Gamma	0.0%
Other	0.2%	Other	0.3%
VOIs	0.0%	VOIs	0.0%
Southwest		Southeast	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	99.5%	Delta	99.7%
Gamma	0.0%	Gamma	0.0%
Other	0.5%	Other	0.3%
VOIs	0.0%	VOIs	0.0%
Metro			
Alpha	0.0%		
Beta	0.0%		
Delta	99.7%		
Gamma	0.0%		
Other	0.3%		
VOIs	0.0%		

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.



3,266,555

Total number of fully vaccinated Minnesotans age 12 and older (as of the week beginning 10/17)

83,933
Total VBT Cases (cumulative)

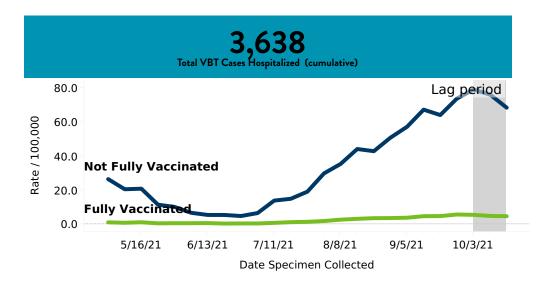
All VBT data in this report is as of 11/22/21

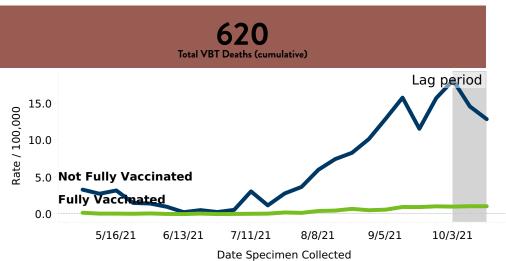
More information about vaccine breakthrough, and data updated every Monday are available on:

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

VBT Hospitalizations and Deaths

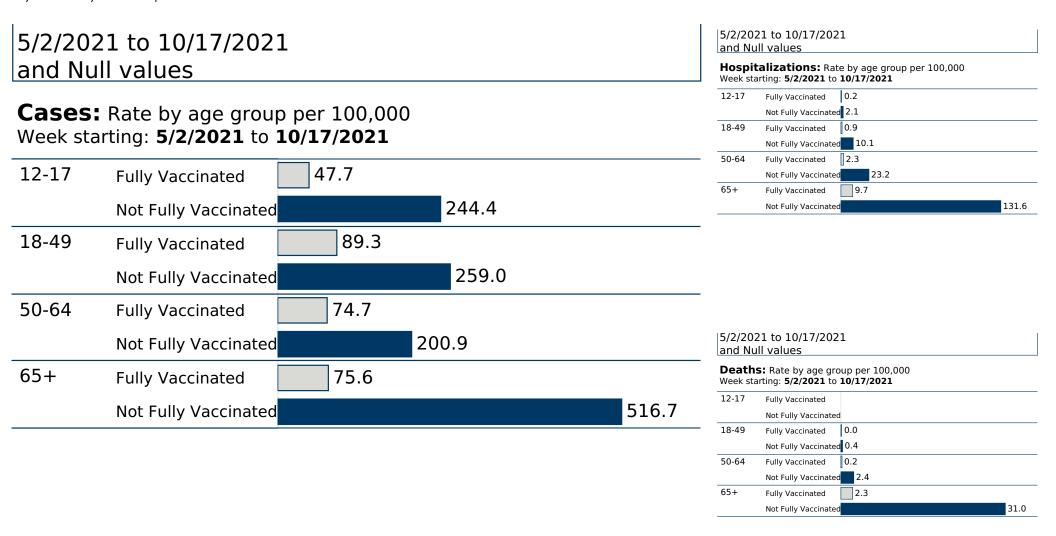
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19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





VBT Cases, Hospitalizations, and Deaths by Age Group

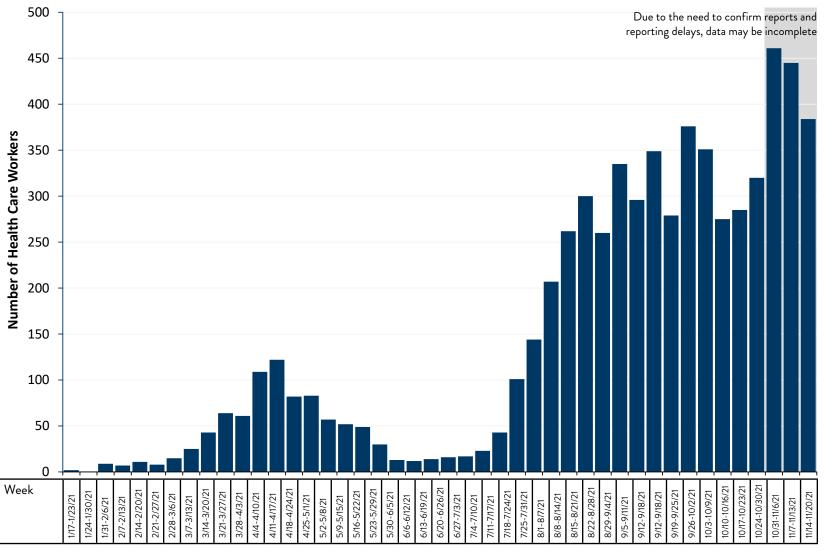
These graphs show vaccine breakthrough cases stratified by age to better illustrate the impact of COVID-19 across different age groups. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.



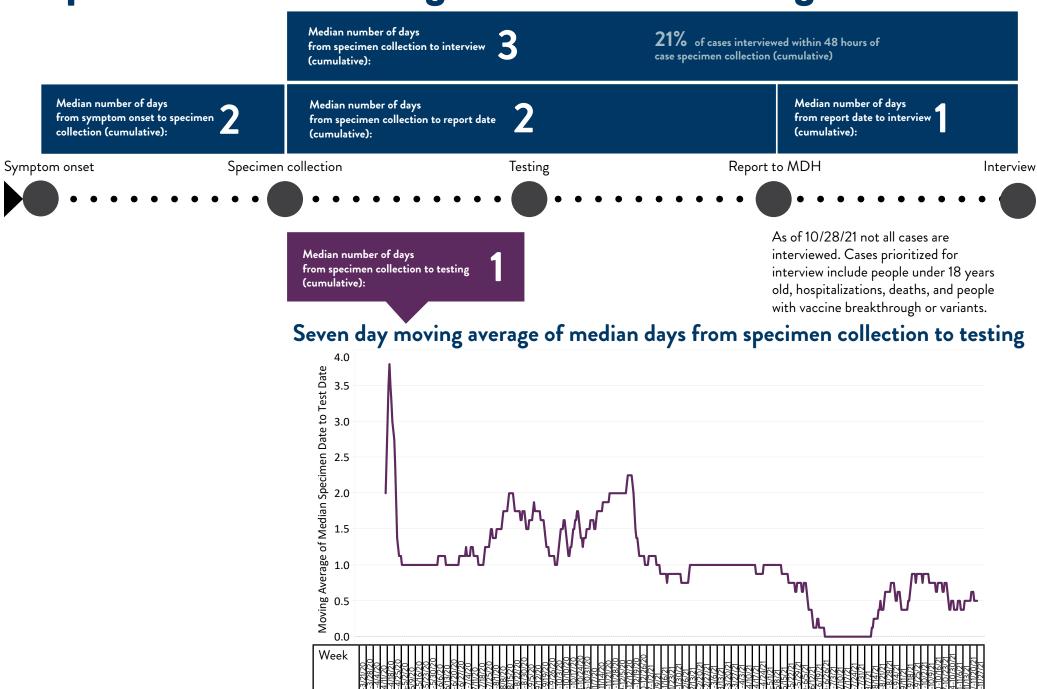
VBT Cases among Health Care Workers

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.





Response Metrics: Testing and Interview Timing



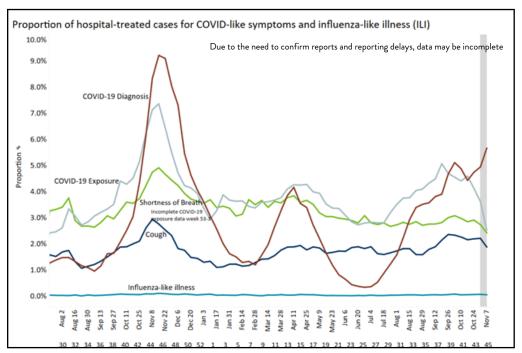
Syndromic Surveillance

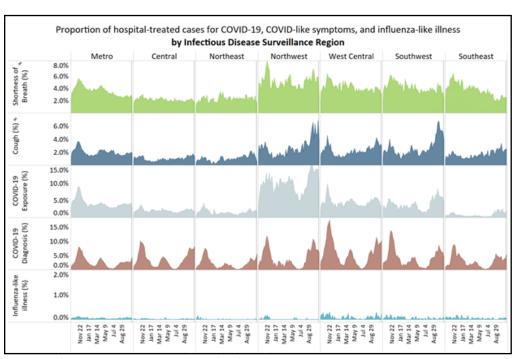
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 November 20, 2021. 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 November 20, 2021, these data represent all patients from about 130 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



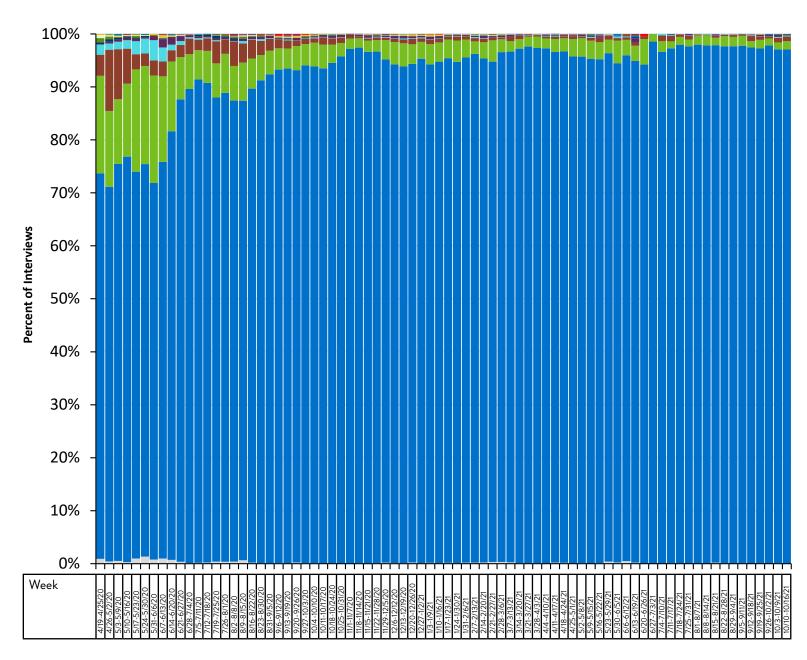


Map of Counties and Infectious Disease Surveillance Regions can be found on: Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html)

Minnesota Department of Health Weekly COVID-19 Report: Updated 11/29/2021 with data current as of 4 a.m. 11/24/2021 unless specifically noted.

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.



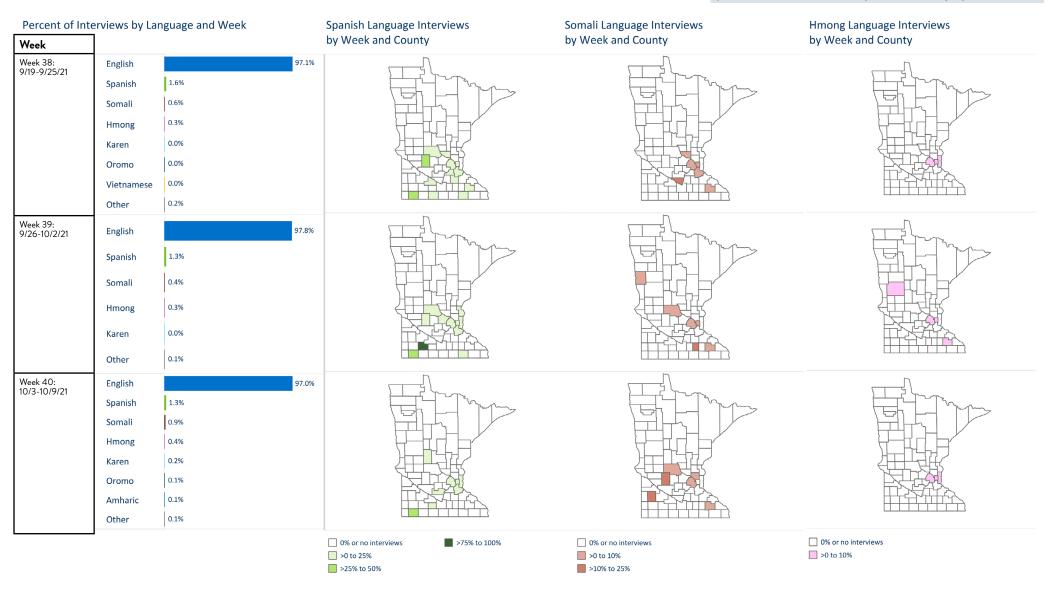
This information is no longer collected for all cases, therefore this data will no longer be updated.

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)

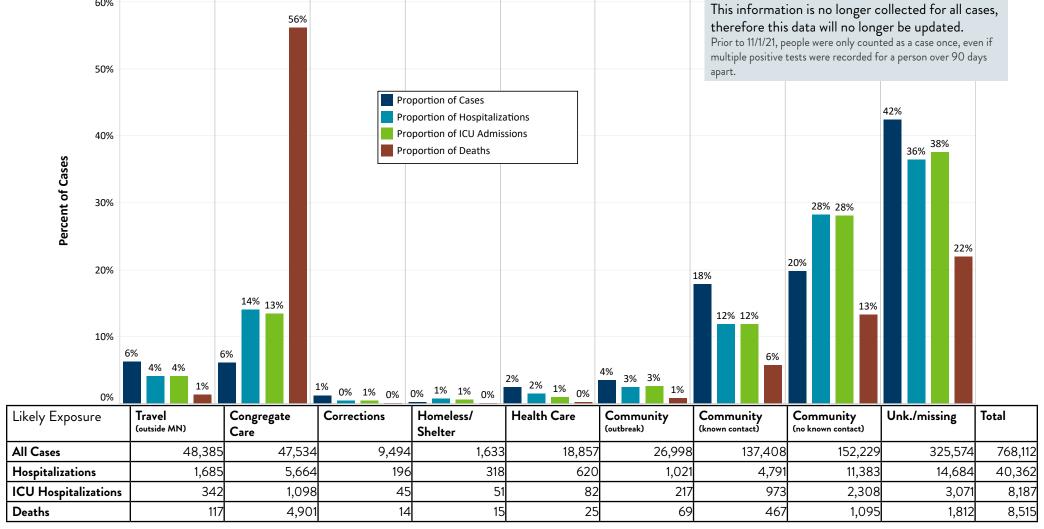
Percent of interviews by language and week of specimen collection by county of residence.

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



Likely Exposure (Archived)

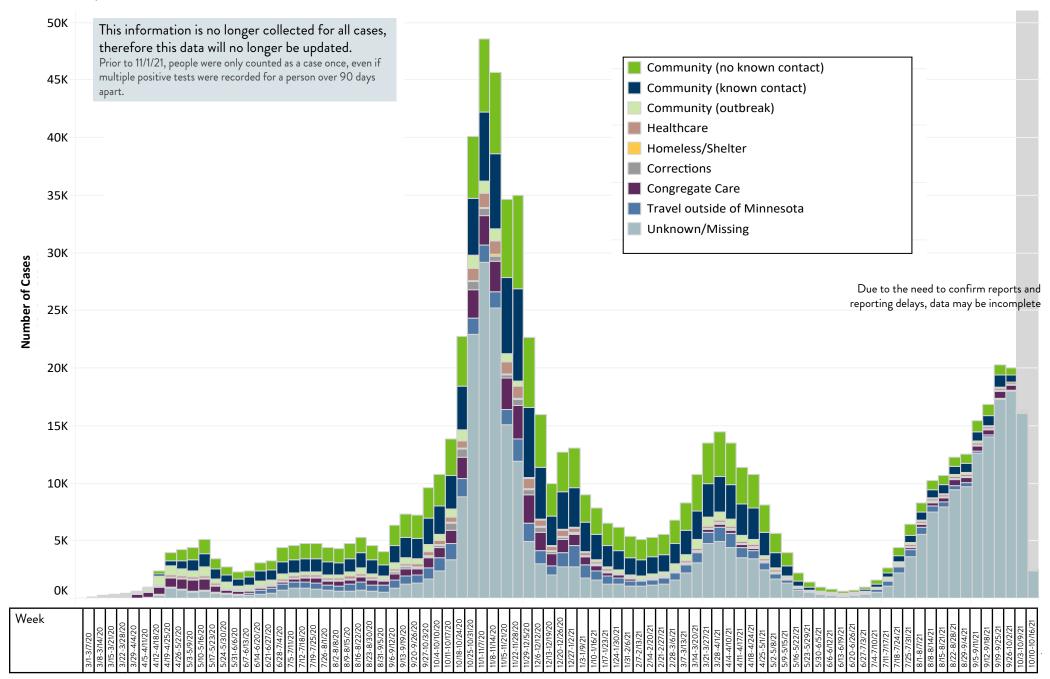
Likely exposure for confirmed and probable cases. Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known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

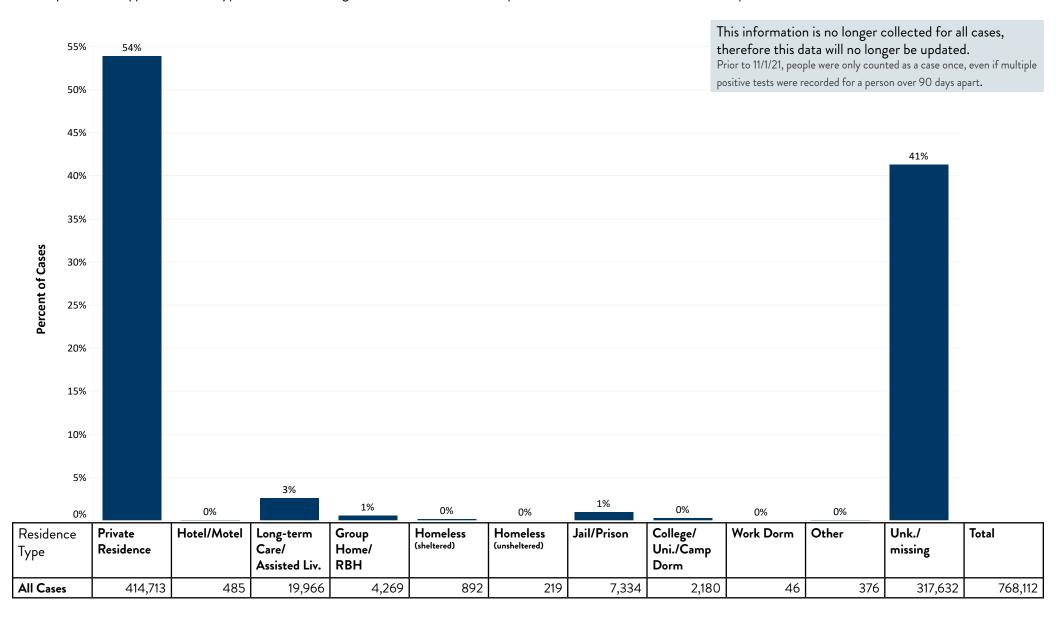
Cases by Likely Exposure and Specimen Collection Date (Archived)

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)

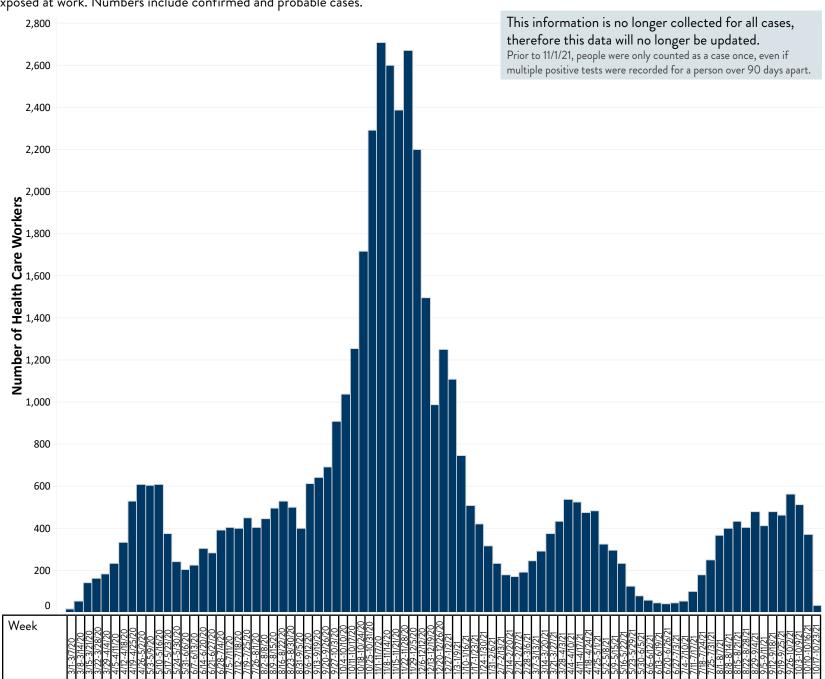
This data is for all cases who reported their occupation as health care staff in acute care or congregate care facilities. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.



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

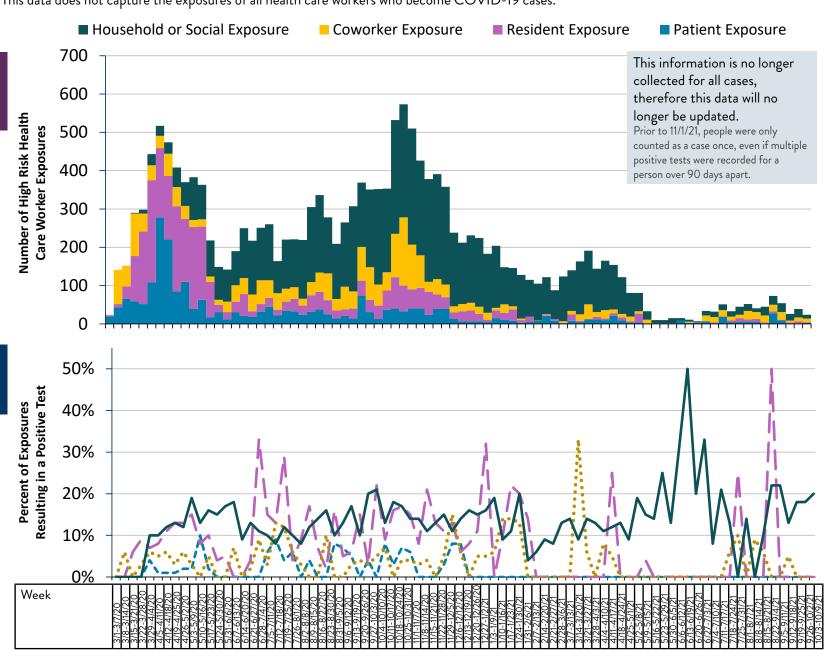
1,667

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

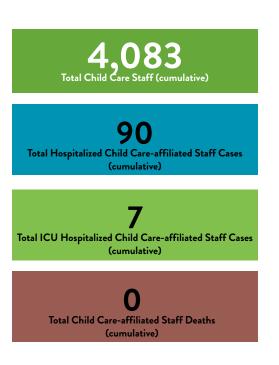
6% HCW tested positive after an exposure at work

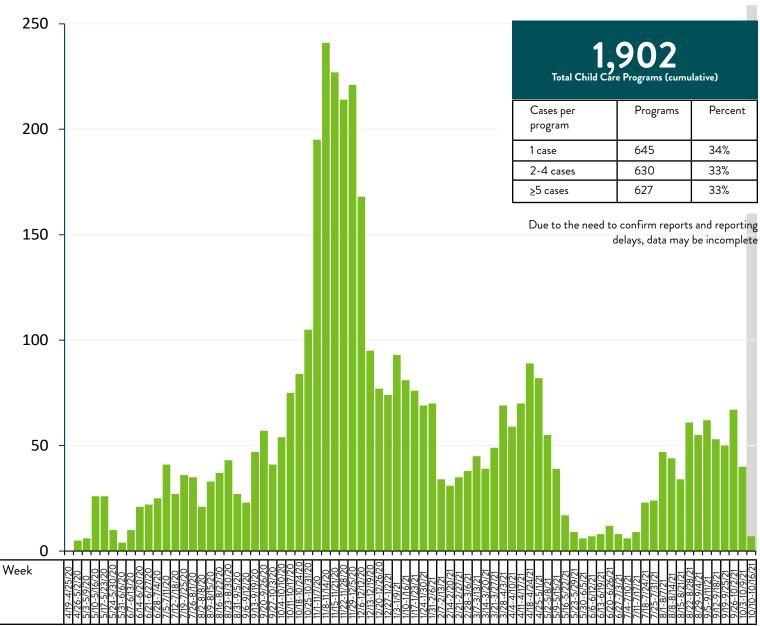


Staff with Potential Exposure in Child Care Settings (Archived)

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.



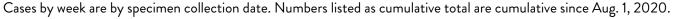


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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

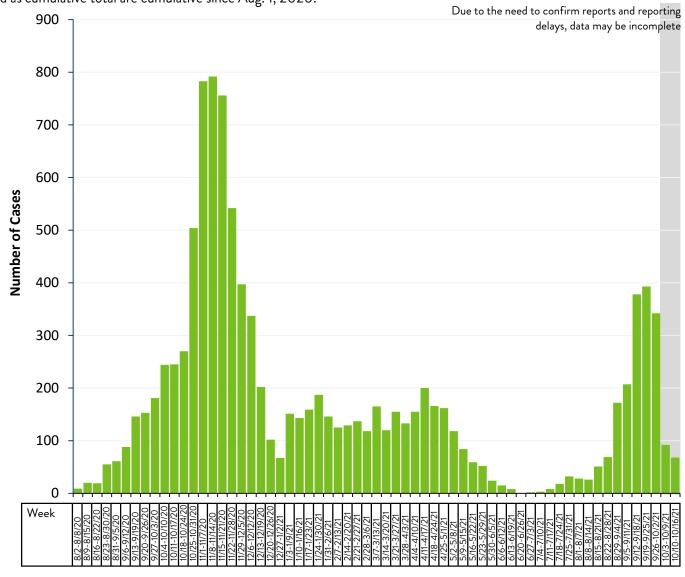
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

47

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

13

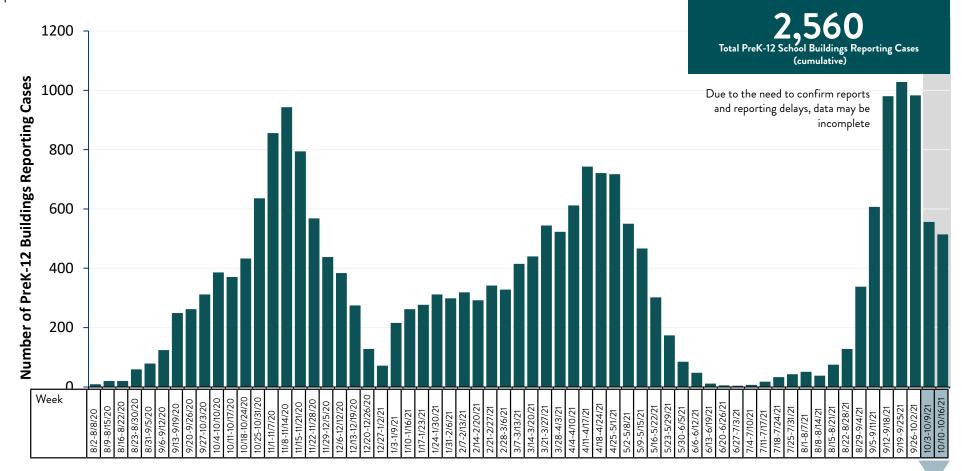
Total PreK-12-affiliated Staff Deaths (cumulative)



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)

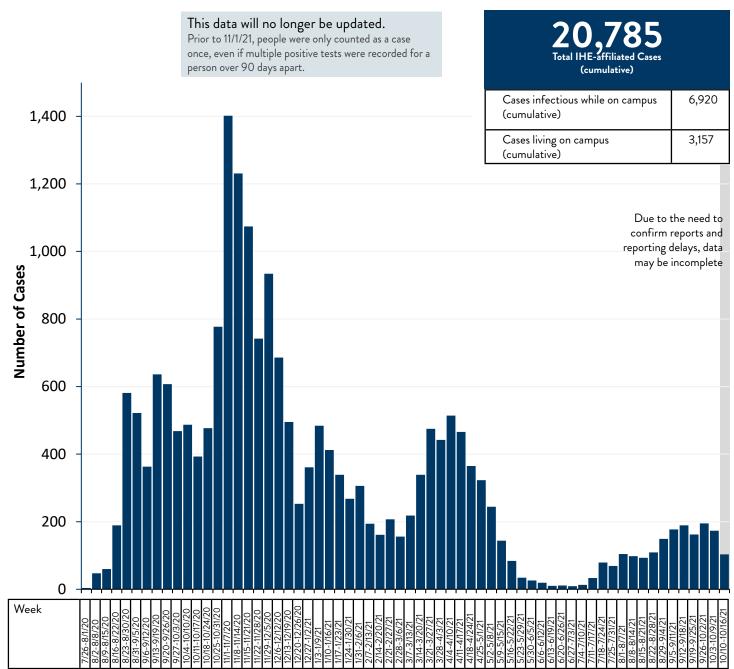
Cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Numbers include confirmed and probable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

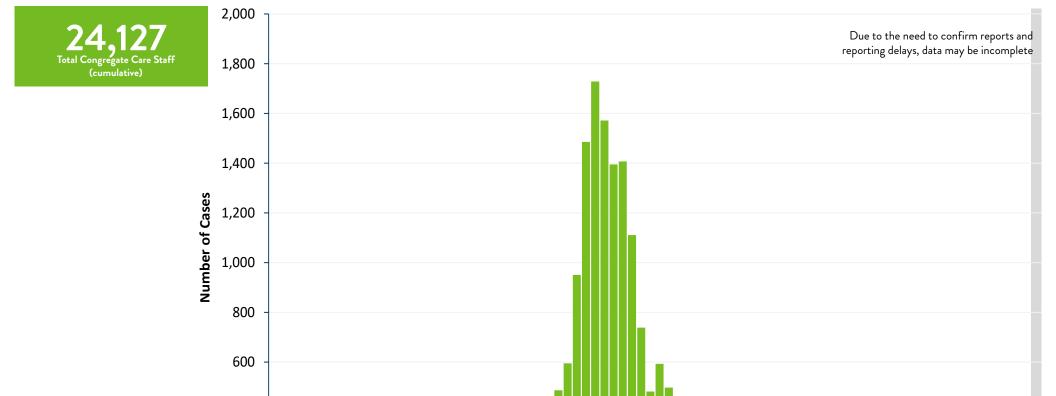
Cases of COVID-19 associated with staff living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.

400

200

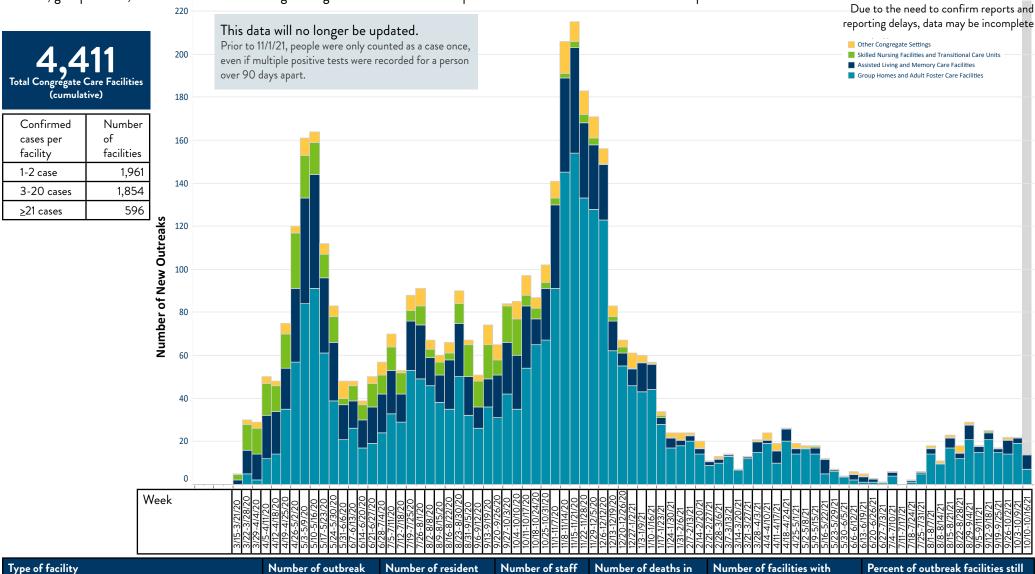
Week

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)