

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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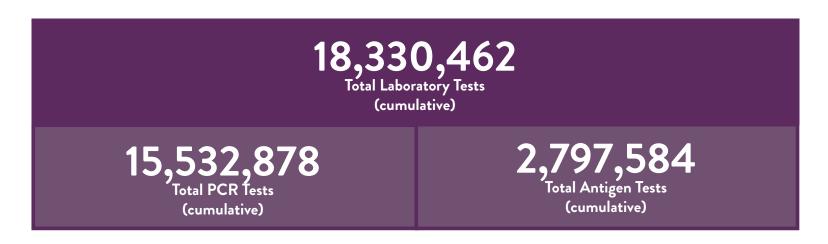
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About Minnesota COVID-19 Data

- 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.

COVID-19 Overview Summary





58,887
Total Hospitalizations
(cumulative)

10,964
Total ICU Hospitalizations
(cumulative)

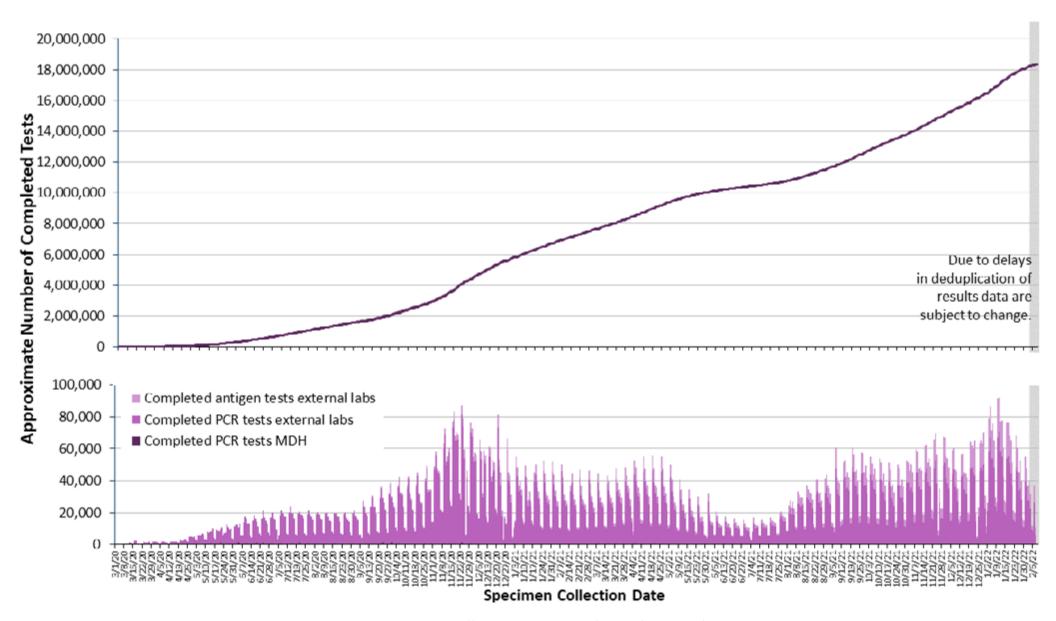
11,761
Total Deaths
(cumulative)

1,346,262
Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19

18,330,462
Total Laboratory Tests
(cumulative)

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



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

Number of Tests and Percent Positive by Week

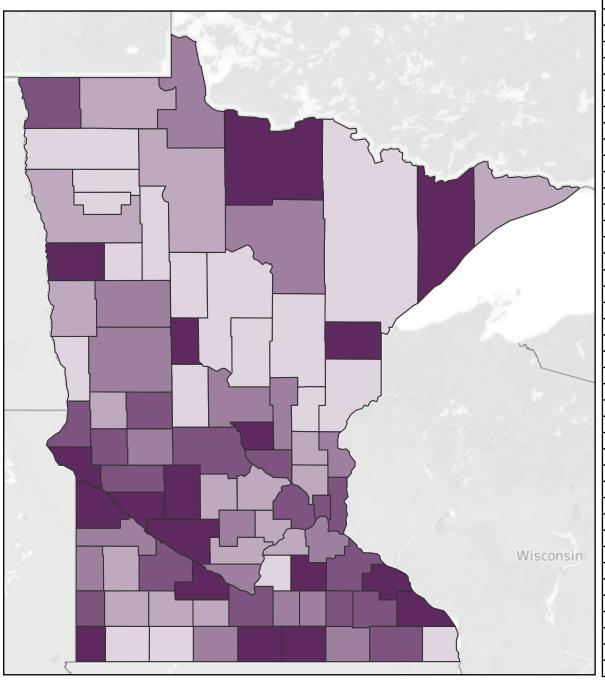
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests. Due to delays in deduplication of results data are subject to change 400,000 Percent of All Tests Positive Number of Weekly PCR Tests Percent of PCR Tests Positive Number of Weekly Antigen Tests Percent of Antigen Tests Positive 350,000 300,000 Number of Weekly Tests Percent of Tests Positive 250,000 200,000 150,000 100,000 10 50,000 Week

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

Laboratory Test Rates by County of Residence

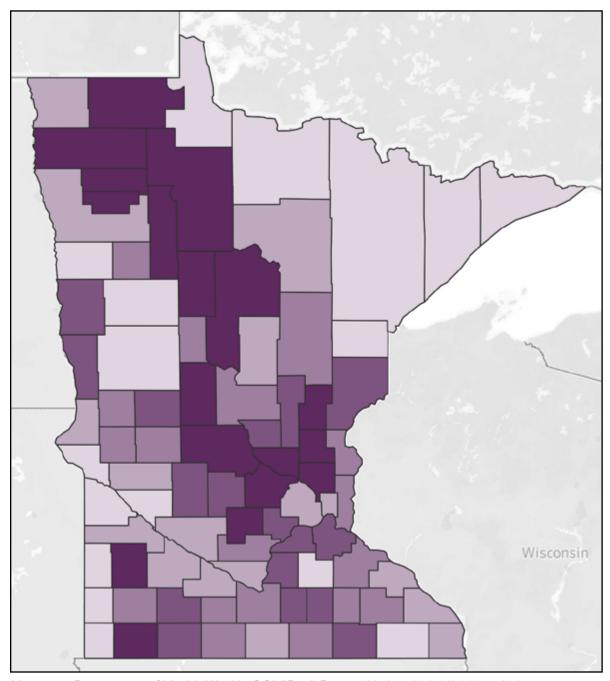
32,210 rate of tests per 10,000 people statewide (cumulative)

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.



u c iic	5		rate of tests per 10,000 people statewide (cumulative)				
County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate		
Aitkin	36,842	23,268	Martin	63,458	31,786		
Anoka	977,303	28,129	McLeod	108,095	30,173		
Becker	98,456	29,152	Meeker	67,158	29,099		
Beltrami	117,545	25,488	Mille Lacs	80,661	31,351		
Benton	144,595	36,350	Morrison	102,355	31,065		
Big Stone	21,163	42,191	Mower	125,195	31,613		
Blue Earth	213,440	32,182	Murray	24,381	29,188		
Brown	88,193	34,982	Nicollet	103,563	30,655		
Carlton	140,320	39,482	Nobles	49,364	22,604		
Carver	273,927	27,279	Norman	23,333	35,574		
Cass	59,604	20,538	Olmsted	487,649	31,859		
Chippewa	44,229	36,827	Otter Tail	183,065	31,567		
Chisago	168,469	30,784	Pennington	27,283	19,235		
Clay	163,541	26,041	Pine	69,429	23,835		
Clearwater	18,605	21,113	Pipestone	29,421	32,032		
Cook	14,182	26,703	Polk	83,847	26,541		
Cottonwood	32,836	28,874	Pope	34,782	31,678		
Crow Wing	159,171	24,927	Ramsey	1,731,759	31,981		
Dakota	1,246,324	29,802	Red Lake	7,193	17,947		
Dodge	66,152	32,141	Redwood	49,843	32,511		
Douglas	120,738	32,454	Renville	51,561	35,025		
Faribault	50,992	36,695	Rice	305,303	46,423		
Fillmore	70,223	33,619	Rock	34,796	36,966		
Freeborn	111,916	36,663	Roseau	41,087	26,573		
Goodhue	152,301	32,953	Scott	397,192	27,704		
Grant	16,826	28,336	Sherburne	317,626	34,069		
Hennepin	4,044,519	32,736	Sibley	38,422	25,766		
Houston	34,747	18,618	St. Louis	663,492	33,161		
Hubbard	36,119	17,313	Stearns	504,668	32,182		
Isanti	97,210	24,942	Steele	110,834	30,220		
Itasca	133,816	29,603	Stevens	32,556	33,275		
Jackson	21,577	21,476	Swift	30,739	32,663		
Kanabec	33,618	21,006	Todd	55,482	22,701		
Kandiyohi	148,002	34,695	Traverse	11,041	33,087		
Kittson	14,223	32,795	Wabasha	74,131	34,480		
Koochiching	43,374	34,304	Wadena	58,135	42,602		
Lac qui Parle	25,541	37,710	Waseca	58,895	31,312		
Lake	36,084	34,141	Washington	819,853	32,365		
Lake of the Woods	11,498	30,186	Watonwan	31,749	28,934		
Le Sueur	67,812	24,233	Wilkin	14,610	23,033		
Lincoln	16,853	29,530	Winona	177,433	34,895		
Lyon	71,492	27,668	Wright	341,309	25,712		
Mahnomen	11,726	21,297	Yellow Medicine	30,974	31,388		
Marshall	17,054	18,158	Unknown/missing	676,967			
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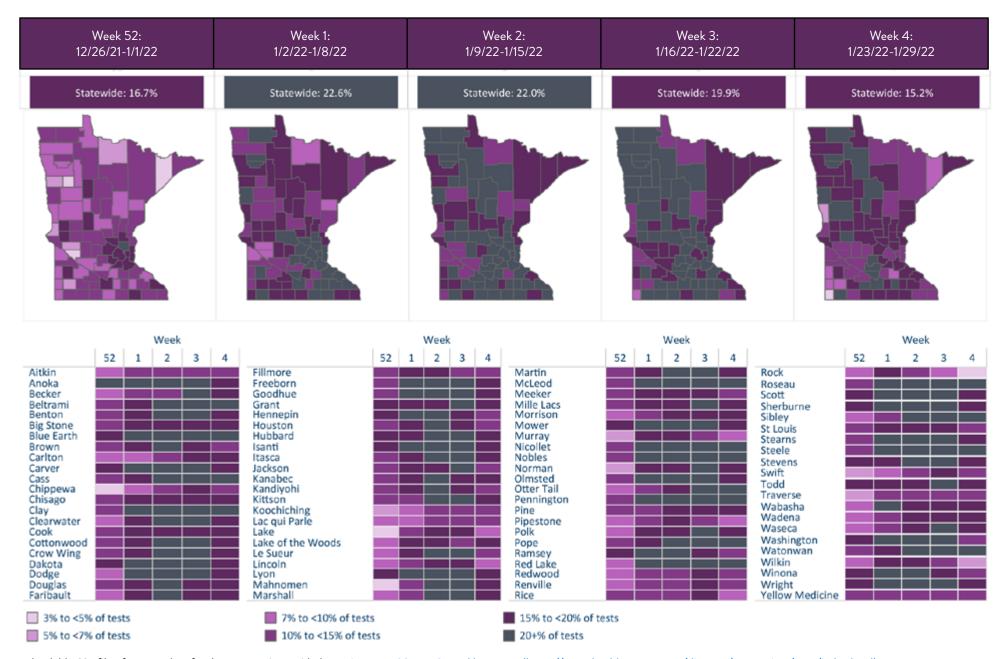
Cumulative percent of tests positive by county of residence. Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



County	% Positive (cumulative)	County	% Positive (cumulative)
Aitkin	7.6%	Martin	8.3%
Anoka	10.0%	McLeod	9.6%
Becker	6.6%	Meeker	8.5%
Beltrami	9.5%	Mille Lacs	9.4%
Benton	9.1%	Morrison	8.4%
Big Stone	5.9%	Mower	9.0%
Blue Earth	8.1%	Murray	8.0%
Brown	7.3%	Nicollet	7.6%
Carlton	5.8%	Nobles	13.2%
Carver	9.1%	Norman	5.2%
Cass	9.6%	Olmsted	7.8%
Chippewa	6.5%	Otter Tail	6.7%
Chisago	8.5%	Pennington	10.6%
Clay	8.5%	Pine	8.9%
Clearwater	10.3%	Pipestone	6.4%
Cook	3.9%	Polk	7.3%
Cottonwood	9.3%	Pope	8.0%
Crow Wing	7.1%	Ramsey	7.5%
Dakota	8.9%	Red Lake	10.9%
Dodge	8.1%	Redwood	7.5%
Douglas	8.6%	Renville	6.9%
Faribault	7.2%	Rice	5.6%
Fillmore	6.4%	Rock	5.9%
Freeborn	8.1%	Roseau	10.7%
Goodhue	8.1%	Scott	9.4%
Grant	8.0%	Sherburne	9.4%
Hennepin	7.6%	Sibley	8.5%
Houston	7.4%	St. Louis	6.5%
Hubbard	9.7%	Stearns	9.7%
Isanti	9.8%	Steele	9.1%
Itasca	7.5%	Stevens	7.8%
Jackson	9.4%	Swift	7.4%
Kanabec	10.0%	Todd	10.4%
Kandiyohi	8.7%	Traverse	6.7%
Kittson	7.0%	Wabasha	7.0%
Koochiching	6.0%	Wadena	7.7%
Lac qui Parle	6.2%	Waseca	9.2%
Lake	5.7%	Washington	8.4%
Lake of the Woods	6.3%	Watonwan	8.4%
Le Sueur	8.6%	Wilkin	8.6%
Lincoln	6.6%	Winona	6.7%
Lyon	9.8%	Wright	10.0%
Mahnomen	8.1%	Yellow Medicine	7.2%
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Weekly Percent of Tests Positive by County of Residence

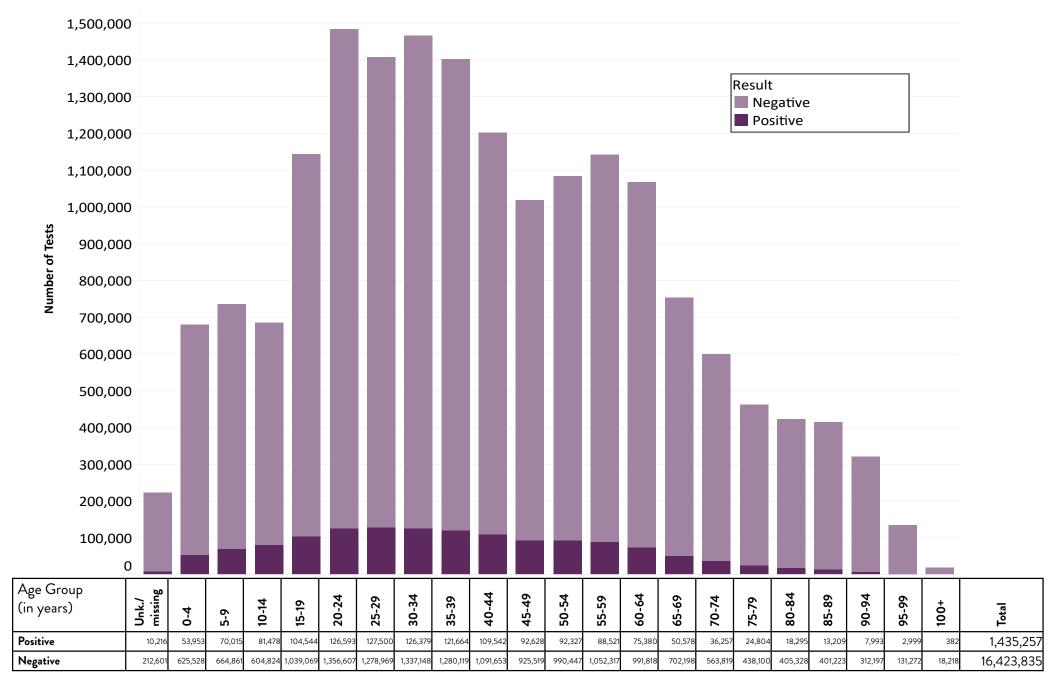
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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



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

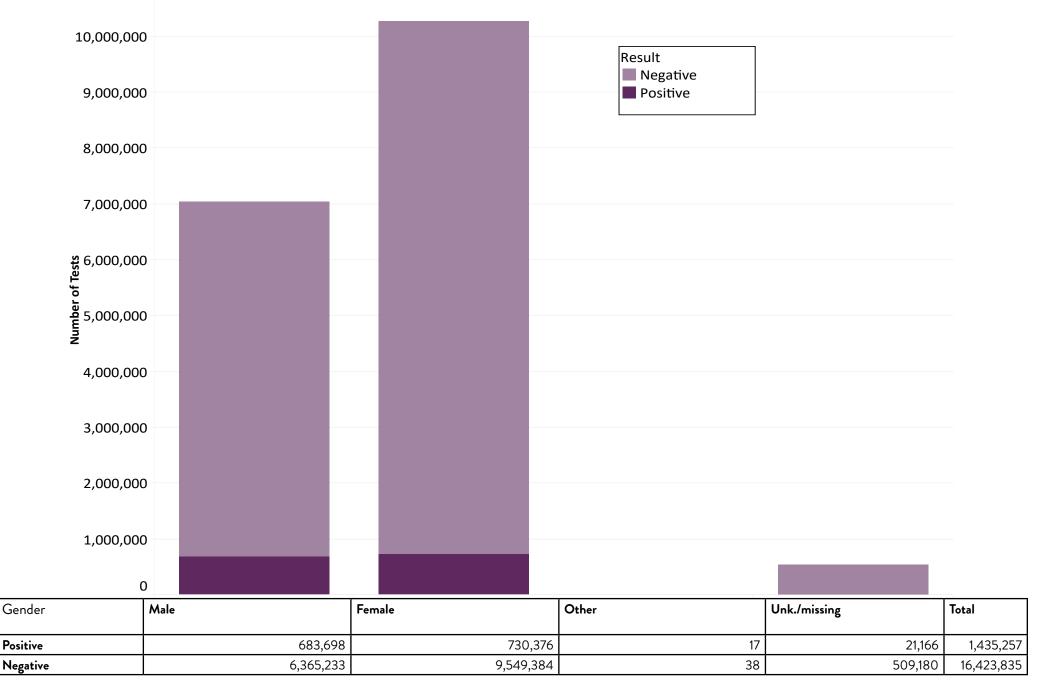
Testing Demographics: Age

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



Testing Demographics: Gender

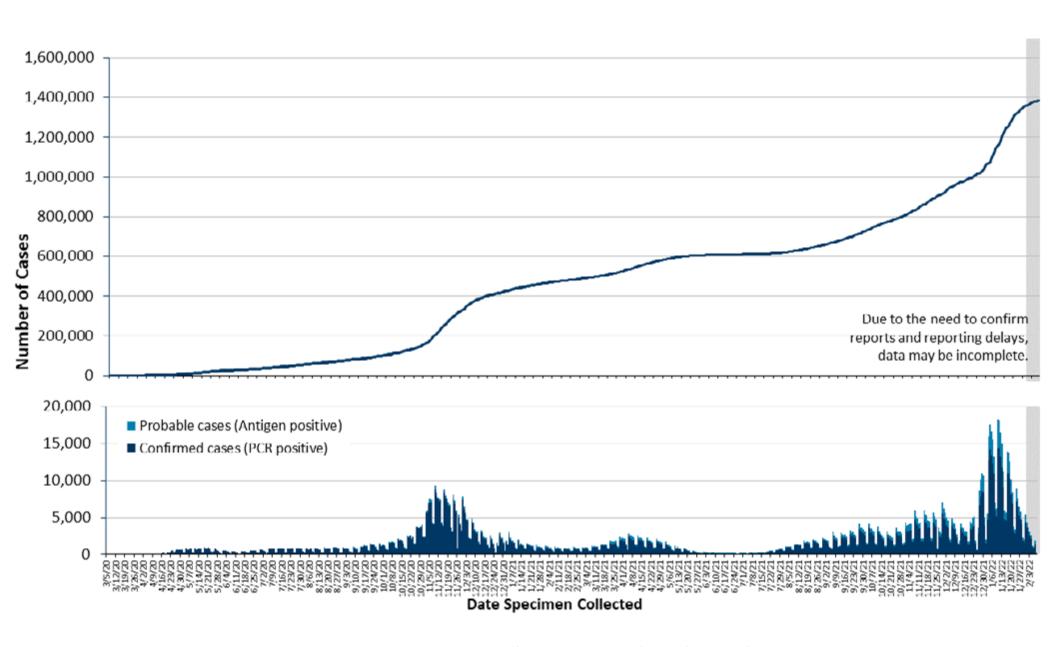
Cumulative number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are not clearly positive or negative).



Positive COVID-19 Cases

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

1,383,555
Total Positive Cases, including Reinfections (cumulative)

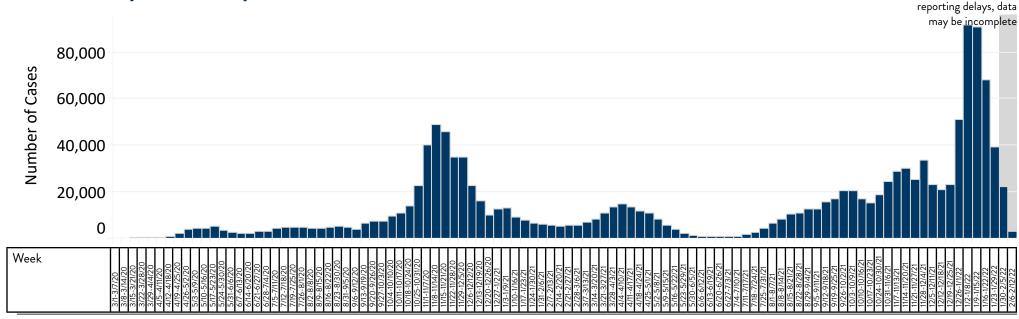


■ Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

New Cases by Week, 7-Day Average

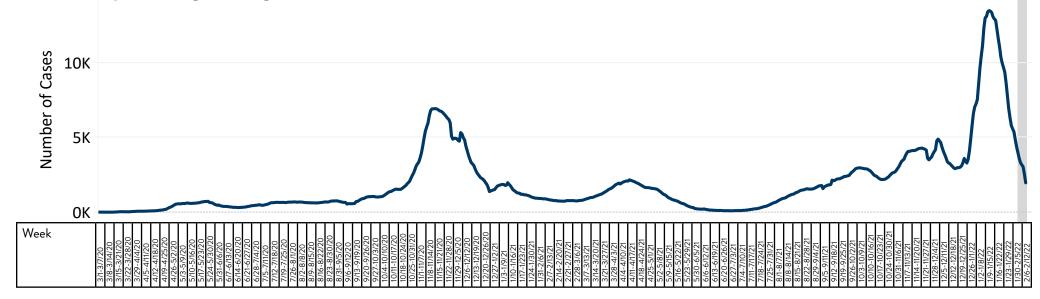
Cases by week of specimen collection date, and 7-day moving average of new cases.





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

Seven Day Moving Average of New Cases

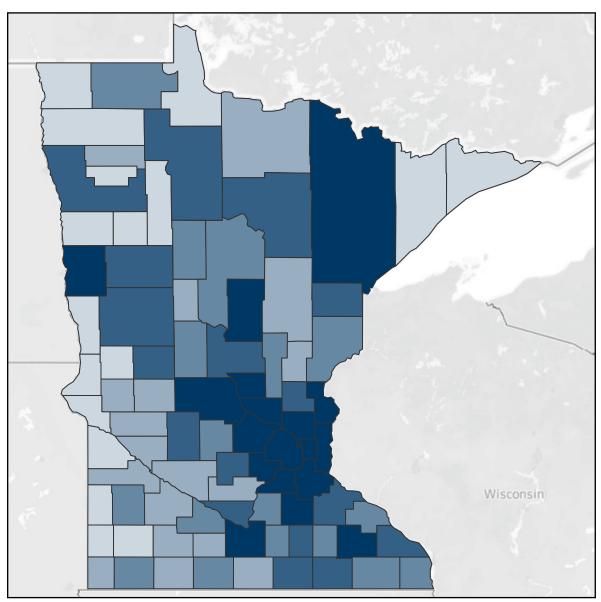


Due to the need to

confirm reports and

Cases by County of Residence

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



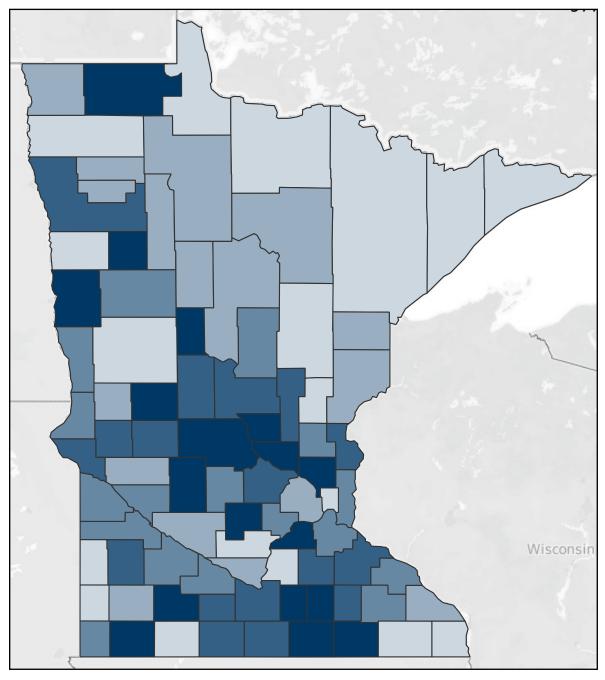
- Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly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

1,383,555 Total Positive Cases (cumulative)

1.346.262 No Longer Needing Isolation (cumulative)

County	Cases (cumulative)	Cases no longer needing isolation	County	Cases (cumulative)	Cases no longer needing isolation
Aitkin	2,816	2,709	Martin	5,328	5,149
Anoka	95,736	93,572	McLeod	10,133	9,783
Becker	8,313	8,031	Meeker	5,681	5,500
Beltrami	10,955	10,637	Mille Lacs	6,964	6,768
Benton	13,396	12,930	Morrison	8,755	8,448
Big Stone	1,324	1,271	Mower	11,472	11,225
Blue Earth	17,016	16,554	Murray	1,971	1,939
Brown	6,347	6,145	Nicollet	7,650	7,410
Carlton	8,379	7,996	Nobles	6,782	6,638
Carver	25,632	25,144	Norman	1,435	1,382
Cass	6,553	6,328	Olmsted	38,434	37,315
Chippewa	2,929	2,801	Otter Tail	12,957	12,478
Chisago	13,981	13,459	Pennington	3,358	3,243
Clay	18,525	18,009	Pine	6,759	6,546
Clearwater	2,050	1,972	Pipestone	1,942	1,885
Cook	519	507	Polk	8,128	7,837
Cottonwood	3,100	3,020	Pope	2,841	2,742
Crow Wing	15,315	14,744	Ramsey	119,634	116,582
Dakota	106,202	103,769	Red Lake	902	876
Dodge	5,438	5,282	Redwood	3,762	3,627
Douglas	10,474	10,106	Renville	3,480	3,362
Faribault	3,636	3,510	Rice	17,084	16,644
Fillmore	4,452	4,335	Rock	2,293	2,229
Freeborn	8,645	8,402	Roseau	4,298	4,191
Goodhue	12,428	12,014	Scott	38,840	38,084
Grant	1,409	1,369	Sherburne	26,575	25,979
Hennepin	287,957	281,708	Sibley	3,342	3,271
Houston	4,028	3,971	St. Louis	44,164	42,579
Hubbard	4,719	4,562	Stearns	49,018	47,873
Isanti	9,811	9,524	Steele	9,942	9,664
Itasca	10,569	10,196	Stevens	2,529	2,442
Jackson	2,096	2,046	Swift	2,203	2,091
Kanabec	3,387	3,266	Todd	6,432	6,203
Kandiyohi	12,893	12,495	Traverse	794	740
Kittson	1,004	963	Wabasha	5,283	5,151
Koochiching	2,568	2,460	Wadena	3,991	3,848
Lac qui Parle	1,669	1,593	Waseca	5,319	5,161
Lake	1,951	1,887	Washington	64,402	62,844
Lake of the Woods	727	707	Watonwan	2,806	2,703
Le Sueur	6,226	6,067	Wilkin	1,550	1,498
Lincoln	1,185	1,158	Winona	11,924	11,616
Lyon	6,913	6,752	Wright	35,482	34,681
Mahnomen	1,567	1,527	Yellow Medicine	2,433	2,360
Marshall	1,961	1,892	Unknown/missing	7,682	6,285

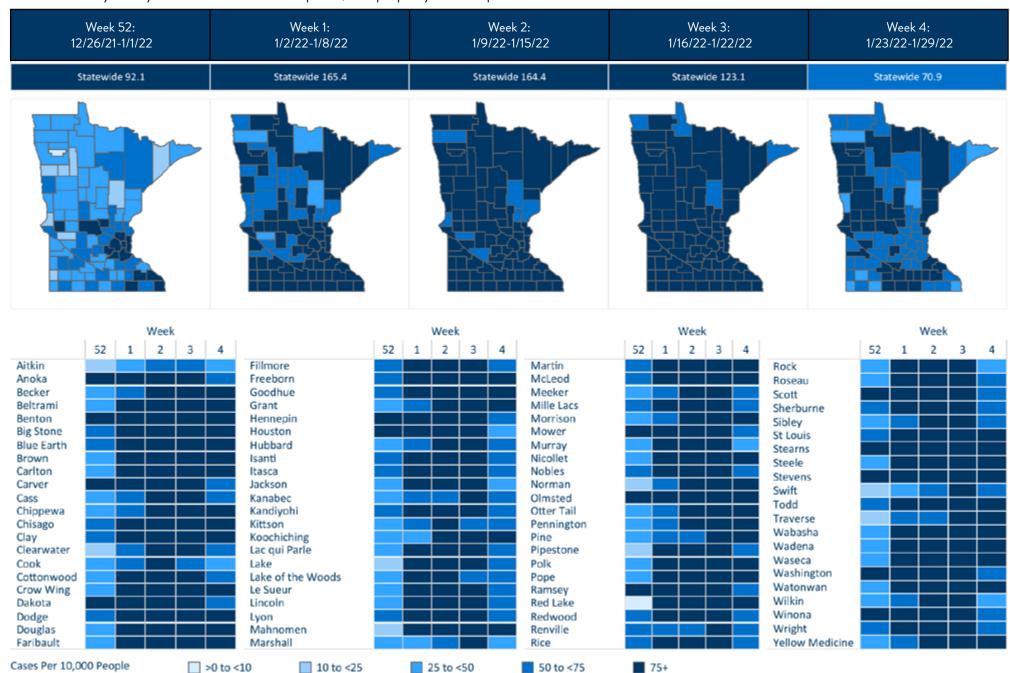
Cumulative number of cases by county of residence per 10,000 people.



		cases	per 10,000 people
County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,778	Martin	2,669
Anoka	2,756	McLeod	2,828
Becker	2,461	Meeker	2,462
Beltrami	2,375	Mille Lacs	2,707
Benton	3,368	Morrison	2,657
Big Stone	2,640	Mower	2,897
Blue Earth	2,566	Murray	2,360
Brown	2,518	Nicollet	2,264
Carlton	2,358	Nobles	3,105
Carver	2,553	Norman	2,188
Cass	2,258	Olmsted	2,511
Chippewa	2,439	Otter Tail	2,234
Chisago	2,555	Pennington	2,367
Clay	2,950	Pine	2,320
Clearwater	2,326	Pipestone	2,114
Cook	977	Polk	2,573
Cottonwood	2,726	Pope	2,587
Crow Wing	2,398	Ramsey	2,209
Dakota	2,539	Red Lake	2,250
Dodge	2,642	Redwood	2,454
Douglas	2,815	Renville	2,364
Faribault	2,617	Rice	2,598
Fillmore	2,131	Rock	2,436
Freeborn	2,832	Roseau	2,780
Goodhue	2,689	Scott	2,709
Grant	2,373	Sherburne	2,850
Hennepin	2,331	Sibley	2,241
Houston	2,158	St. Louis	2,207
Hubbard	2,262	Stearns	3,126
Isanti	2,517	Steele	2,711
Itasca	2,338	Stevens	2,585
Jackson	2,086	Swift	2,341
Kanabec	2,116	Todd	2,632
Kandiyohi	3,022	Traverse	2,379
Kittson	2,315	Wabasha	2,457
Koochiching	2,031	Wadena	2,925
Lac qui Parle	2,464	Waseca	2,828
Lake	1,846	Washington	2,542
Lake of the Woods	1,909	Watonwan	2,557
Le Sueur	2,225	Wilkin	2,444
Lincoln	2,076	Winona	2,345
Lyon	2,675	Wright	2,673
Mahnomen	2,846	Yellow Medicine	2,466
Marshall	2,088		
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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.



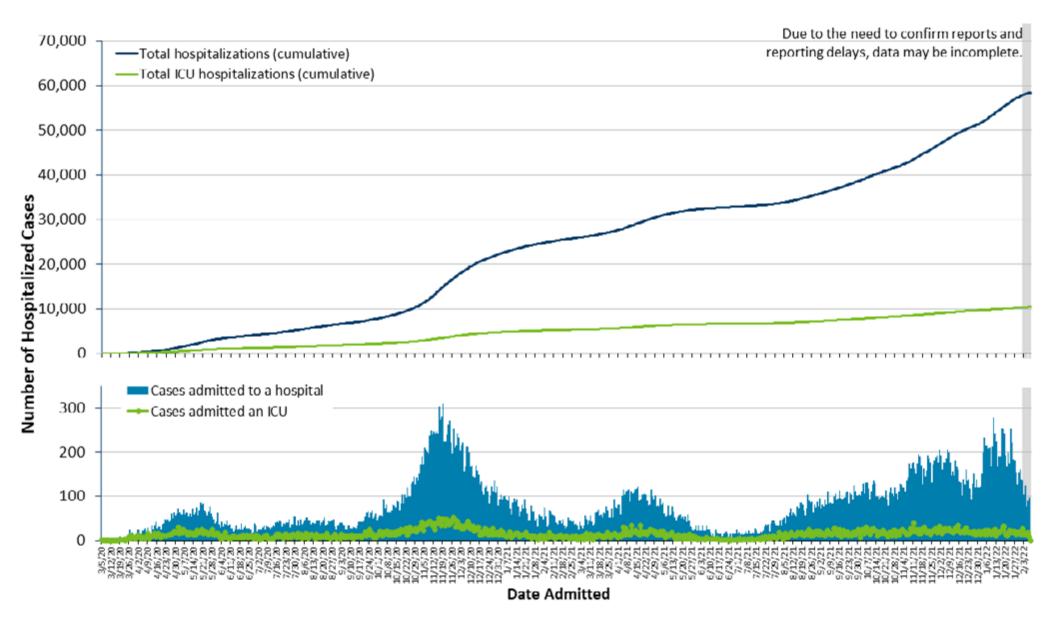
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

58,887
Total Hospitalizations
(cumulative)

10,964
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.

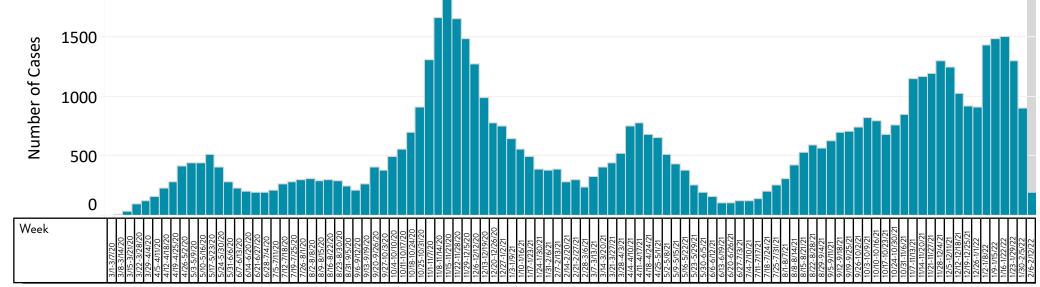


[■] Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Hospitalizations by Week, 7-Day Average

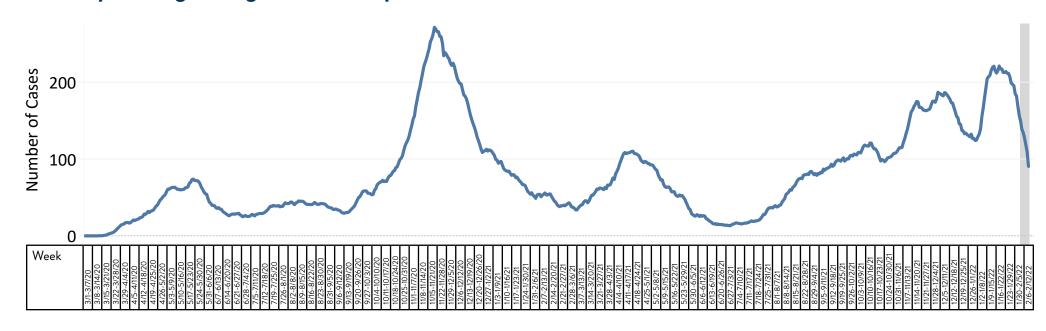
Cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.





[■] 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)

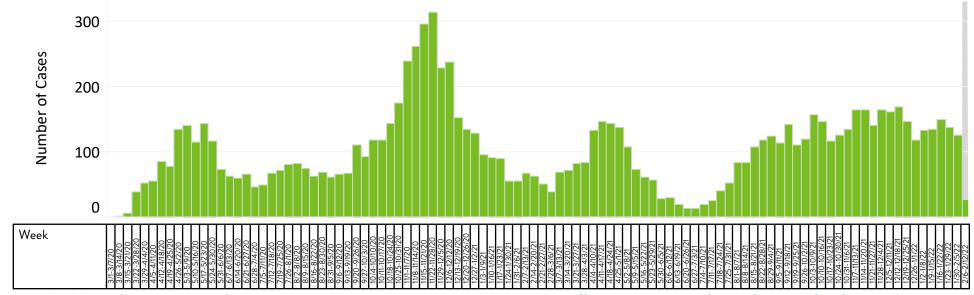
Seven Day Moving Average of New Hospitalizations



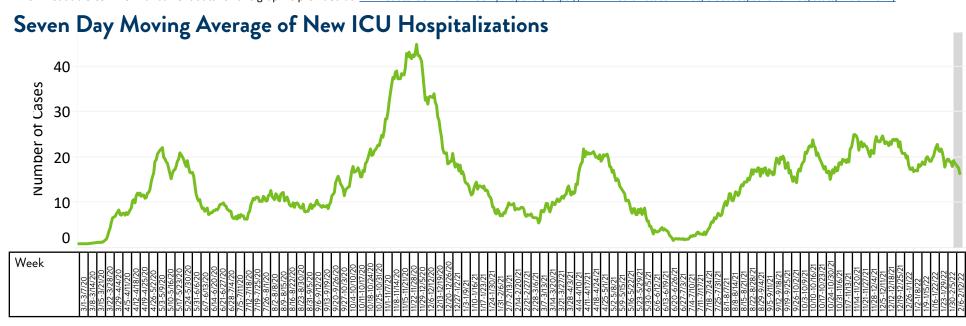
ICU Hospitalizations by Week, 7-Day Average

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



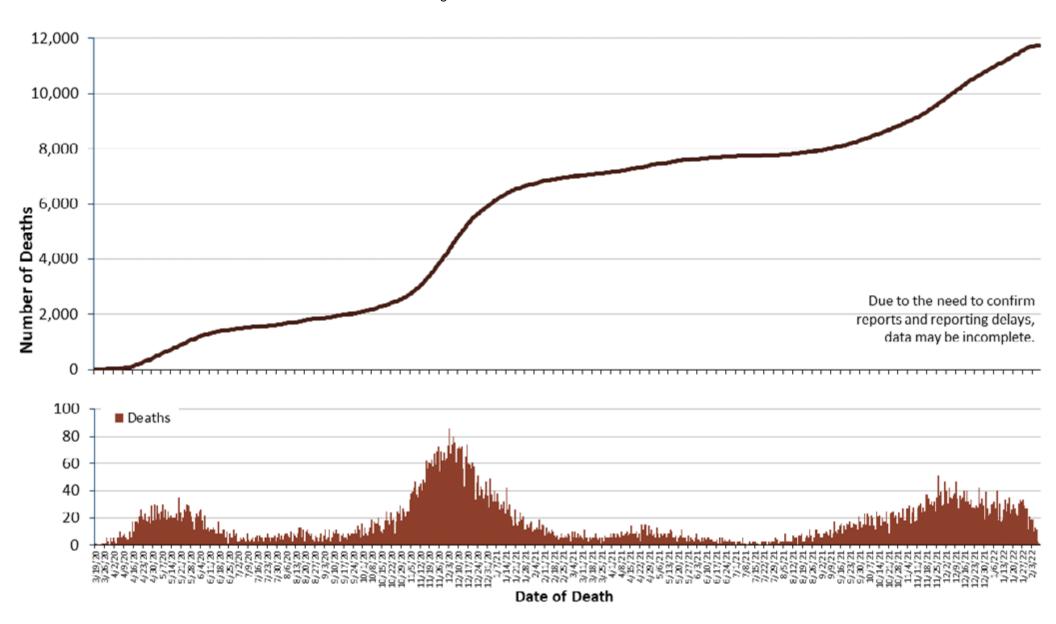
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)



COVID-19 Deaths

11,761
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.).

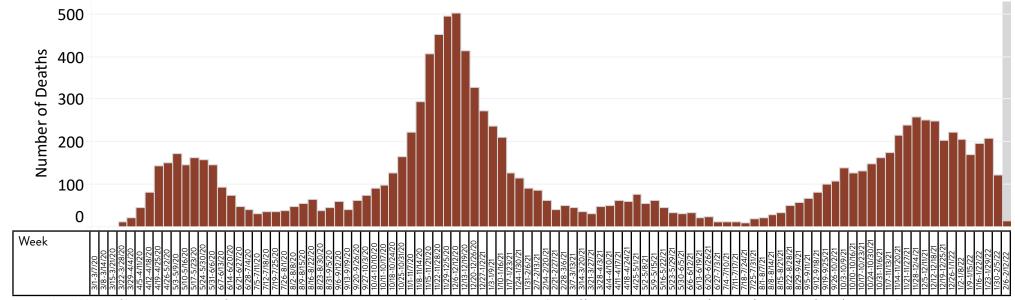


■ Tables of current data and more information about deaths: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

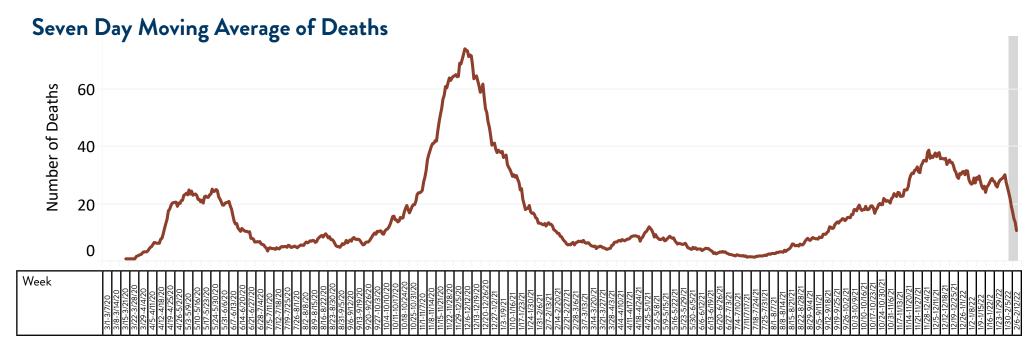
Deaths by Week, 7-Day Average

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

Deaths by Week of Death

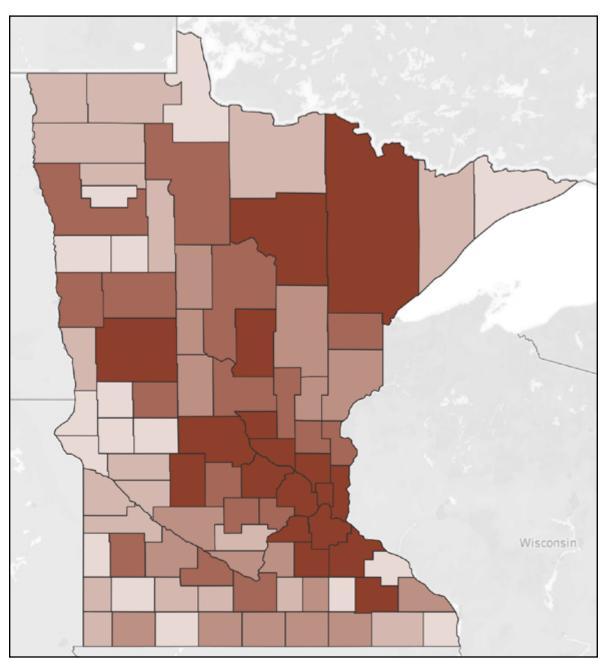


[■] Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)



Deaths by County of Residence

Cumulative number of deaths by county of residence.



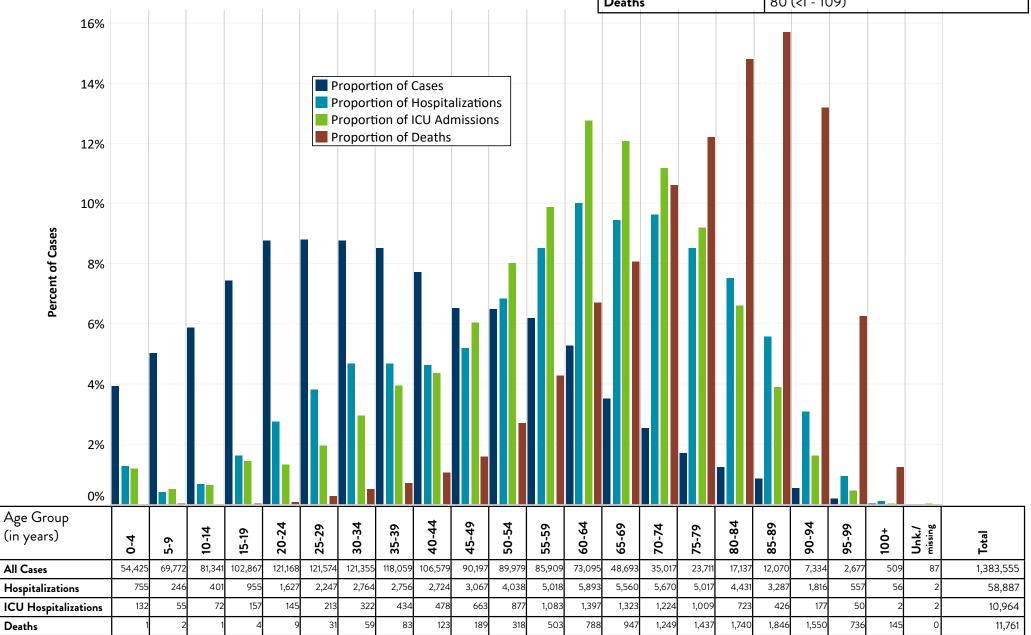
■ Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

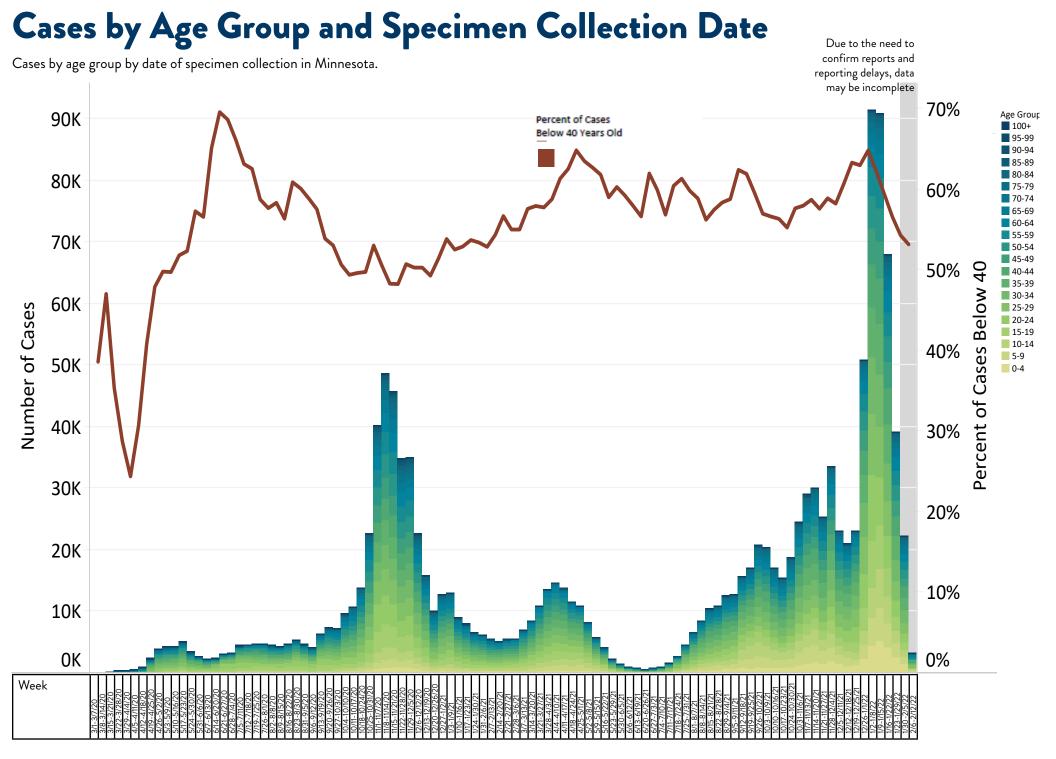
		Total Death's (cumulative)				
County	Deaths (cumulative)	County	Deaths (cumulative)			
Aitkin	59	Martin	56			
Anoka	753	McLeod	100			
Becker	86	Meeker	73			
Beltrami	118	Mille Lacs	104			
Benton	164	Morrison	99			
Big Stone	8	Mower	64			
Blue Earth	88	Murray	15			
Brown	72	Nicollet	66			
Carlton	87	Nobles	57			
Carver	104	Norman	13			
Cass	73	Olmsted	159			
Chippewa	46	Otter Tail	157			
Chisago	114	Pennington	38			
Clay	117	Pine	60			
Clearwater	29	Pipestone	33			
Cook	3	Polk	95			
Cottonwood	39	Pope	17			
Crow Wing	156	Ramsey	1,275			
Dakota	729	Red Lake	11			
Dodge	18	Redwood	52			
Douglas	113	Renville	54			
Faribault	49	Rice	164			
Fillmore	22	Rock	32			
Freeborn	67	Roseau	43			
Goodhue	119	Scott	243			
Grant	12	Sherburne	172			
Hennepin	2,435	Sibley	23			
Houston	18	St. Louis	498			
Hubbard	56	Stearns	350			
Isanti	110	Steele	50			
Itasca	133	Stevens	13			
Jackson	16	Swift	31			
Kanabec	54	Todd	54			
Kandiyohi	132	Traverse	9			
Kittson	26	Wabasha	16			
Koochiching	34	Wadena	50			
Lac qui Parle	28	Waseca	38			
Lake	27	Washington	460			
Lake of the Woods	5	Watonwan	22			
Le Sueur	47	Wilkin	22			
Lincoln	6	Winona	69			
Lyon	70	Wright	294			
Mahnomen	17	Yellow Medicine	28			
Marshall	23	Unknown/missing	0			
1 ' 1	v uplass specifi	II + I	D 31			

Demo	grap	hic	cs: /	Age
				8

Cumulative number of cases, hospitalizations, and deaths by age group, median age, and age range.

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



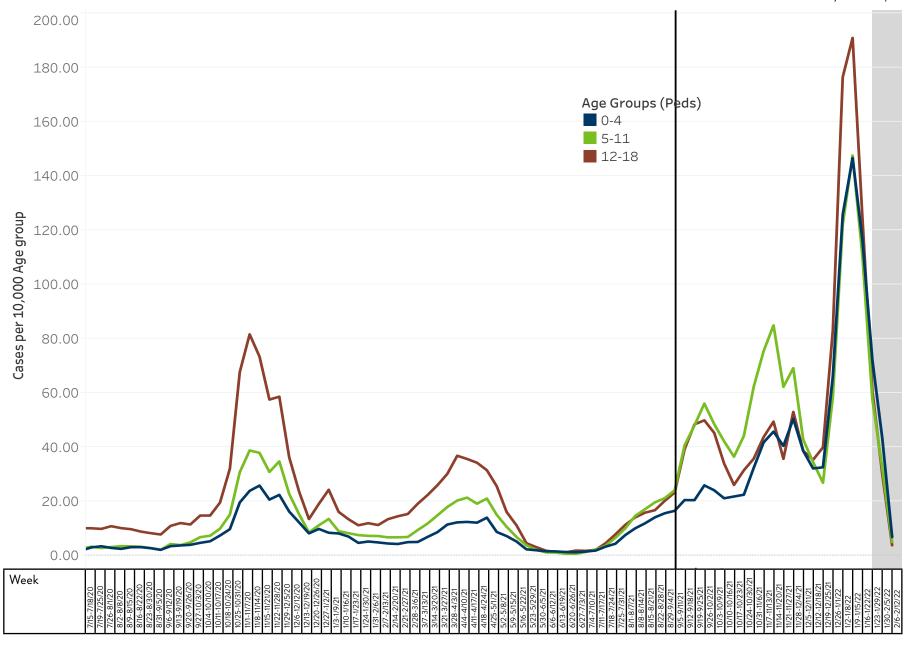


Downloadable CSV file of current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Case Rate in Children by Specimen Collection Date

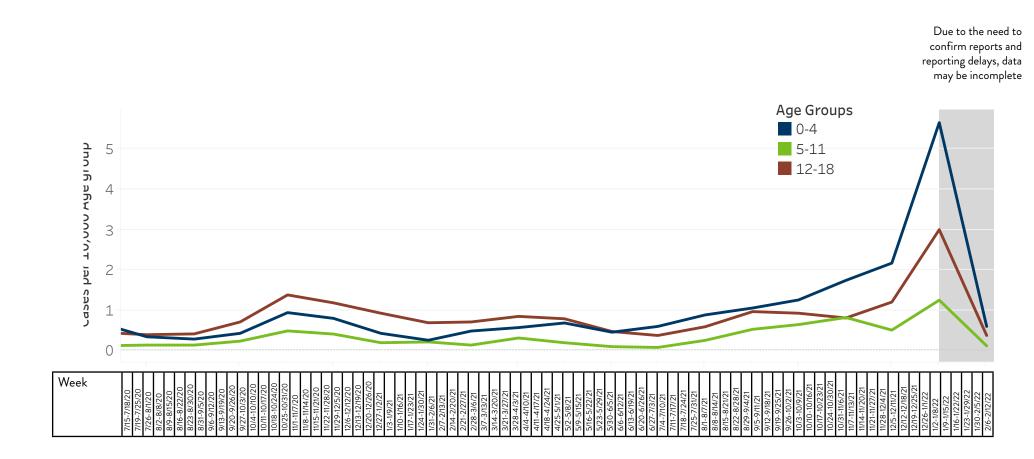
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



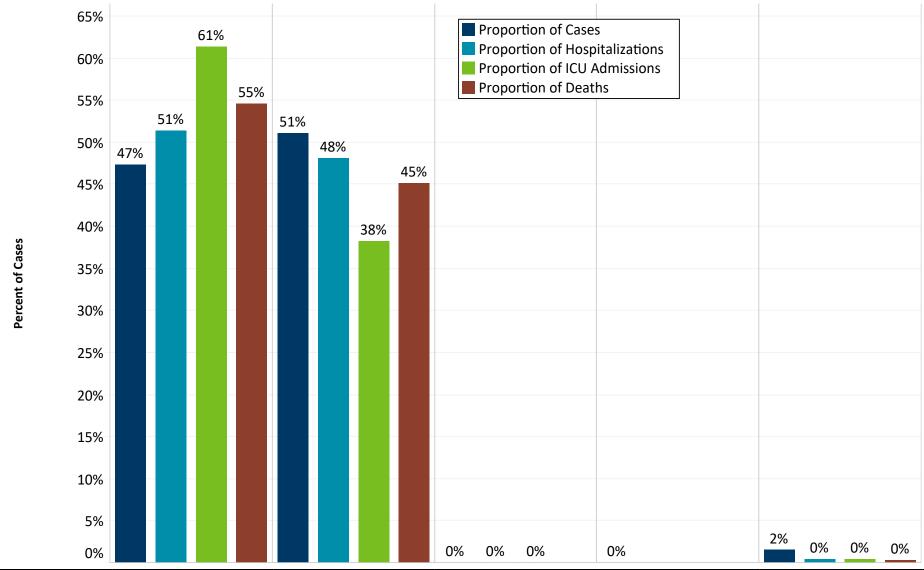
Hospitalization Rate in Children by Specimen Collection Date

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



Demographics: Gender

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

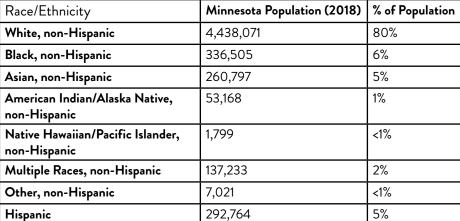


Gender	Male	Female	Other	Unk./missing	Total
All Cases	655,292	706,747	229	21,287	1,383,555
Hospitalizations	30,246	28,350	2	289	58,887
ICU Hospitalizations	6,729	4,191	1	43	10,964
Deaths	6,415	5,312	0	34	11,761

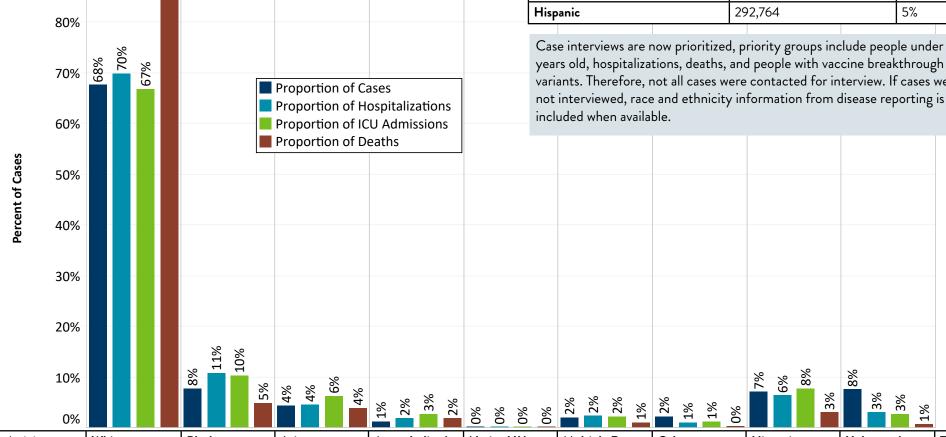
Demographics: Race & Ethnicity

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%



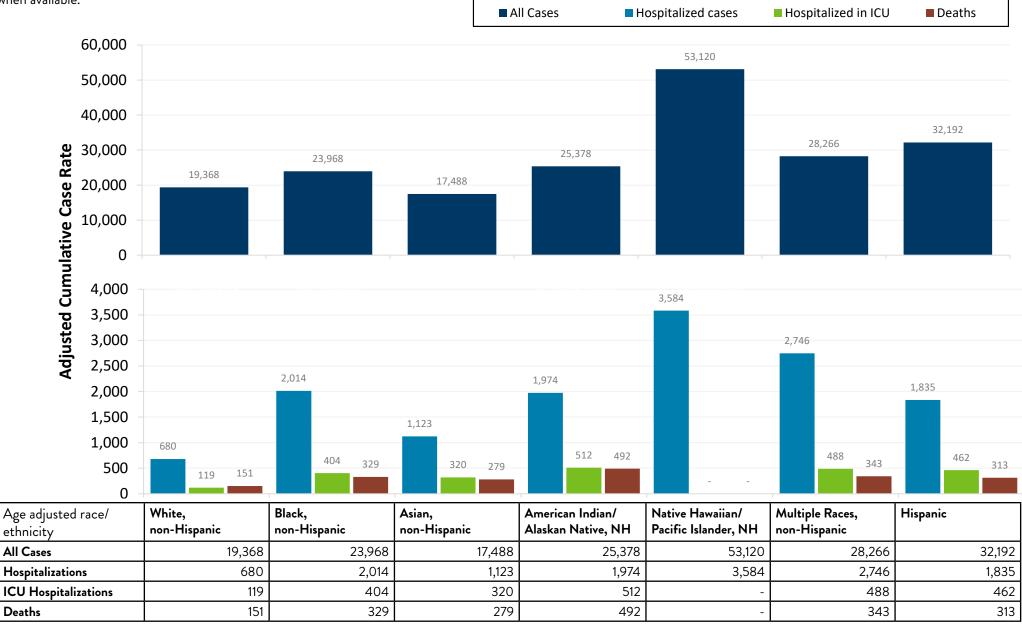
Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or variants. Therefore, not all cases were contacted for interview. If cases were



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	936,756	106,186	60,850	17,270	1,759	27,836	31,052	97,960	103,886	1,383,555
Hospitalizations	41,126	6,346	2,639	1,139	92	1,373	642	3,781	1,749	58,887
ICU Hospitalizations	7,323	1,120	683	294	17	245	122	857	303	10,964
Deaths	9,925	569	450	220	15	109	36	355	82	11,761

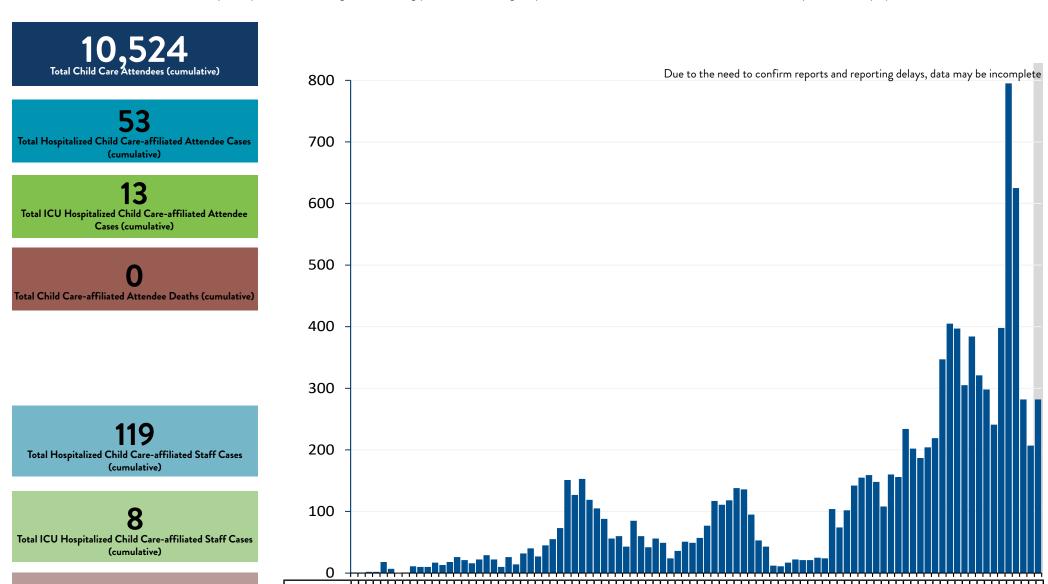
Age-Adjusted Race & Ethnicity Rates

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



Potential Exposure in Child Care Settings

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



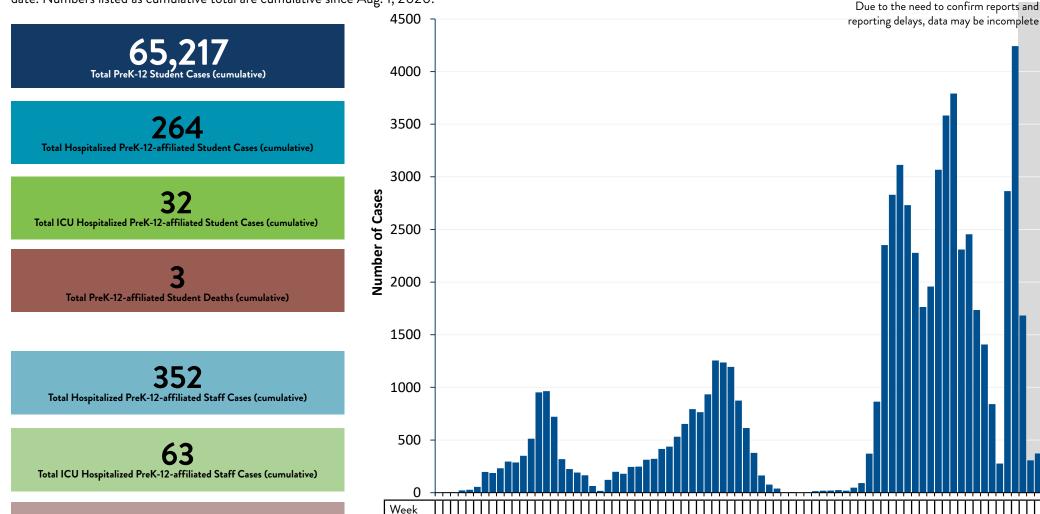
Week

Total Child Care-affiliated Staff Deaths (cumulative)

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

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

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



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

Total PreK-12-affiliated Staff Deaths (cumulative)

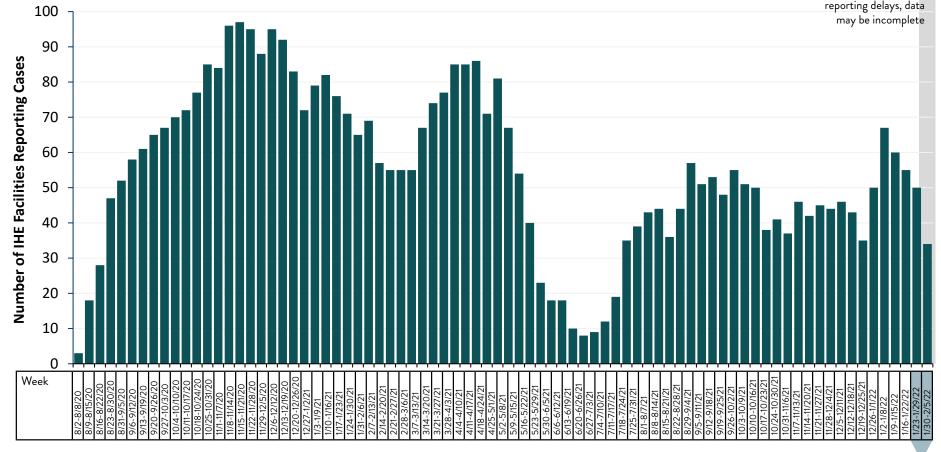
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Minnesota IHE Facilities Reporting Cases

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

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

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



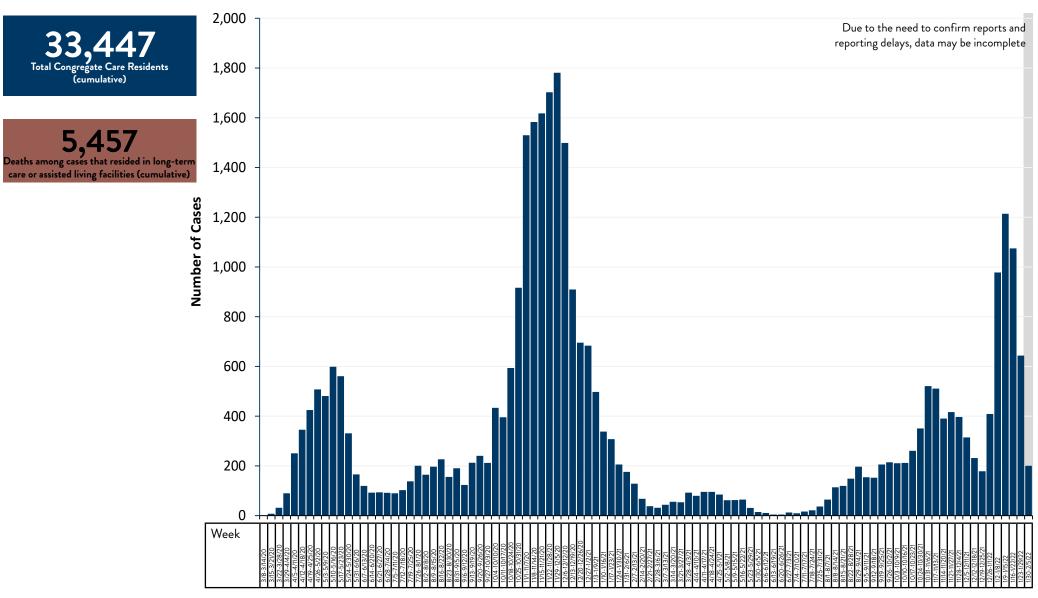
The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 1/23-2/5/22
1-10 cases	50
11-30 cases	6
31-99 cases	1
≥100 cases	0
Total	57

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.

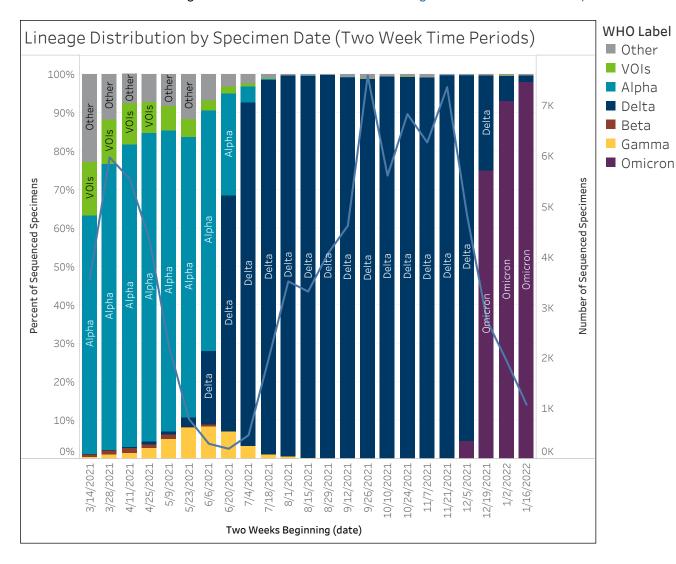


- A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: Minnesota Situation 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/)

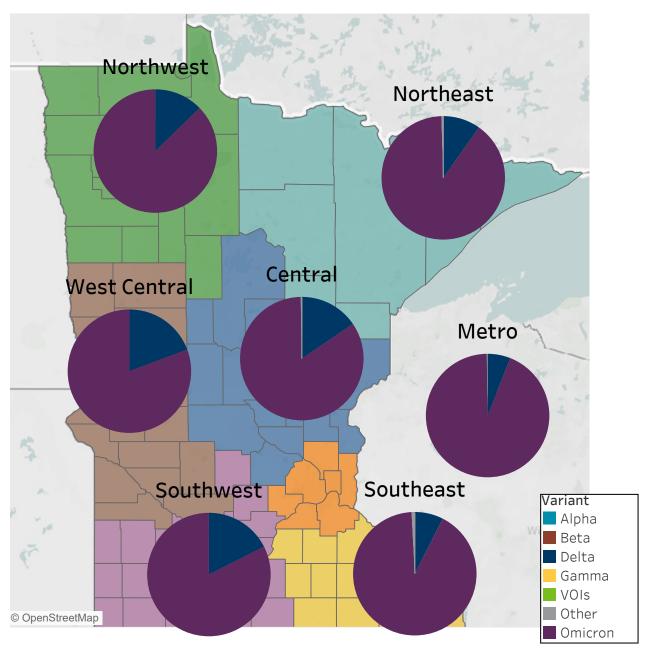


Variant Distribution Since 12/26/2021*				
Delta	B.1.617.2	8.78%		
VOIs	B.1.525	0.02%		
Other	Other	0.19%		
Omicron	B.1.1.529	91.00%		

^{*}All VOI and VOC are included in this list, as well as any lineages that account for ≥1% of all specimens sequenced since 12/26/2021. 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.



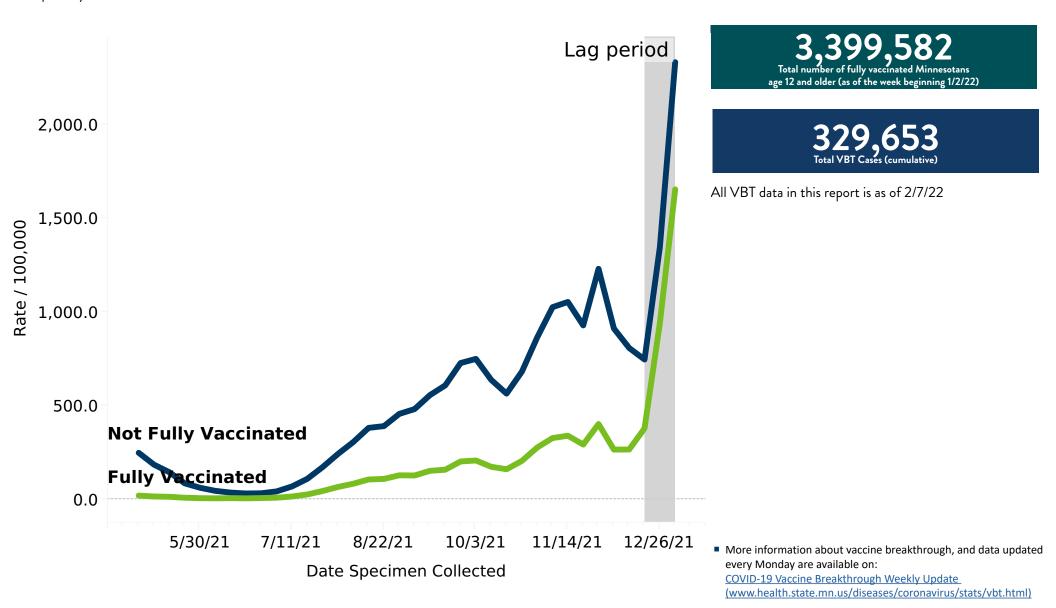
Region & Variant	Variant %	Region & Variant	Variant %	
Northwest		Northeast		
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	12.70%	Delta	9.81%	
Gamma	0.00%	Gamma	0.00%	
Omicron	87.30%	Omicron	89.72%	
Other	0.00%	Other	0.47%	
VOIs	0.00%	VOIs	0.00%	
West Central		Central		
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	19.32%	Delta	15.49%	
Gamma	0.00%	Gamma	0.00%	
Omicron	80.68%	Omicron	84.24%	
Other	0.00%	Other	0.27%	
VOIs	0.00%	VOIs	0.00%	
Southwest	Southwest		Southeast	
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	17.52%	Delta	7.44%	
Gamma	0.00%	Gamma	0.00%	
Omicron	82.48%	Omicron	91.74%	
Other	0.00%	Other	0.83%	
VOIs	0.00%	VOIs	0.00%	
Metro				
Alpha	0.00%			
Beta	0.00%			
Delta	5.99%			
Gamma	0.00%			
Omicron	93.81%			
Other	0.17%			
VOIs	0.03%			

■ 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

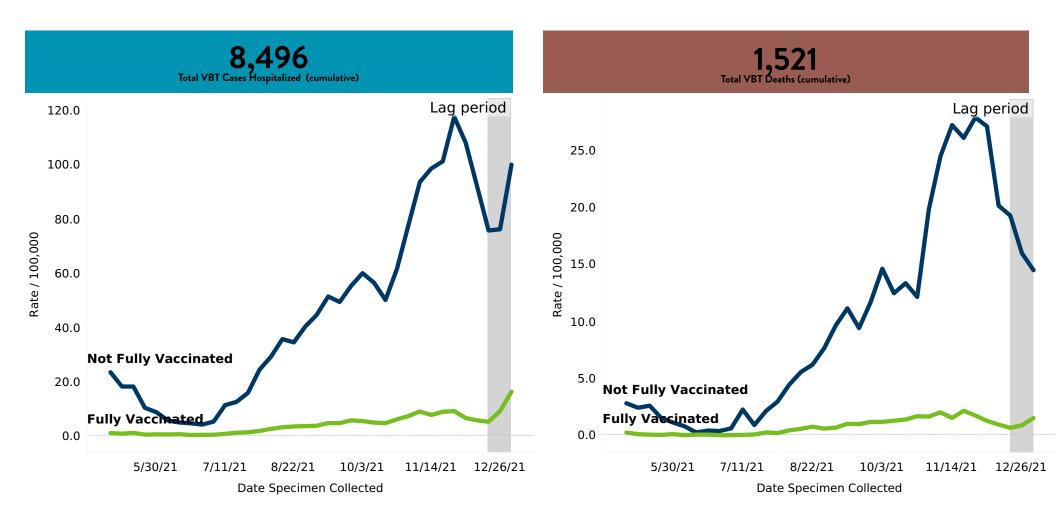
Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month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

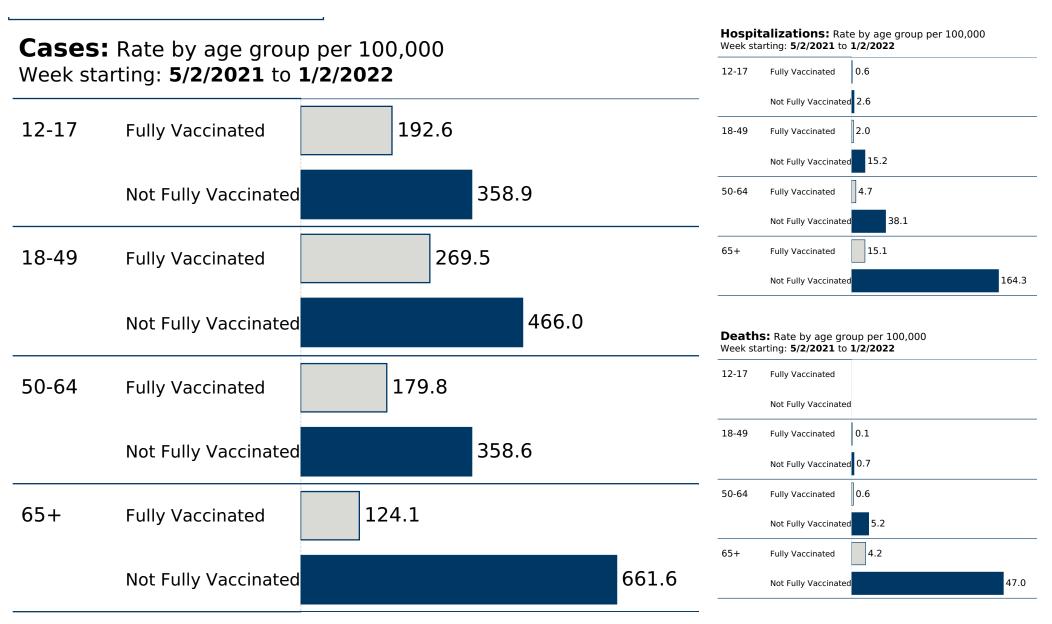
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19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

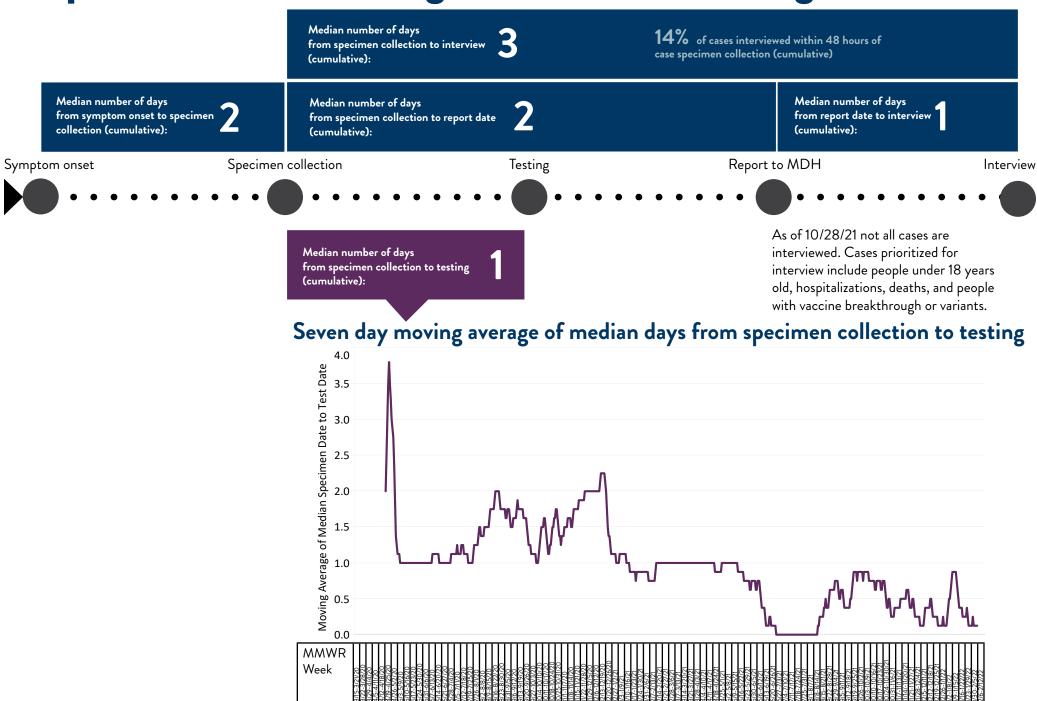
VBT Cases, Hospitalizations, and Deaths by Age Group

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



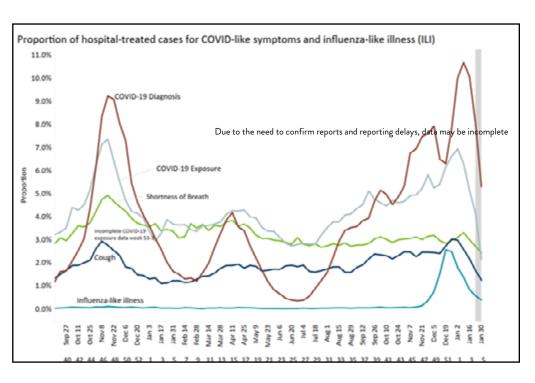
Syndromic Surveillance

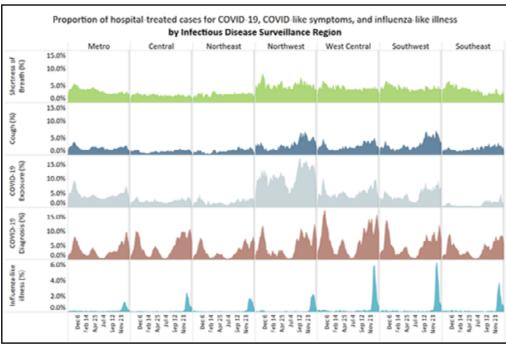
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 Februrary 5, 2022. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

Through Februrary 5, 2022, these data represent all patients from about 135 hospitals in Minnesota, covering approximately 90% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



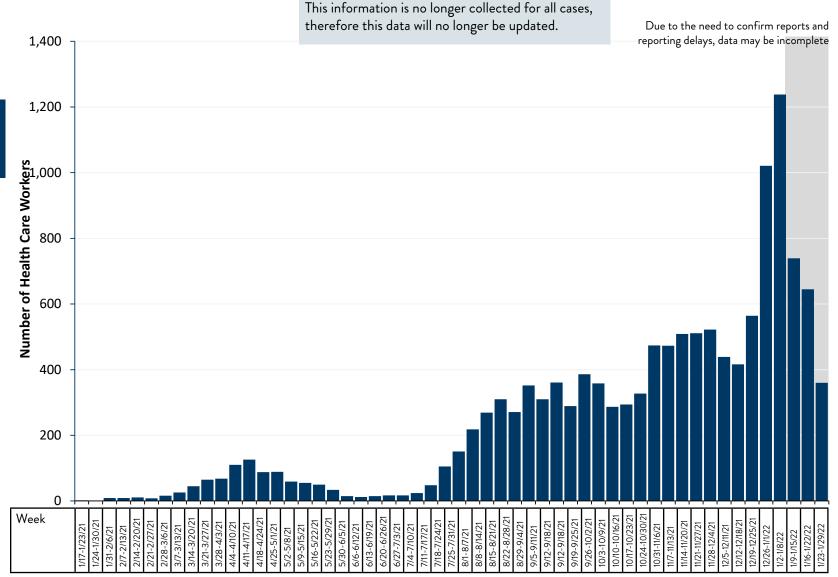


- Map of Counties and Infectious Disease Surveillance Regions can be found on: Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html)
- Further information and frequently asked questions syndromic surveillance can be found at: <u>Hospital Alerting for Syndromic Surveillance: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

VBT Cases among Health Care Workers (Archived)

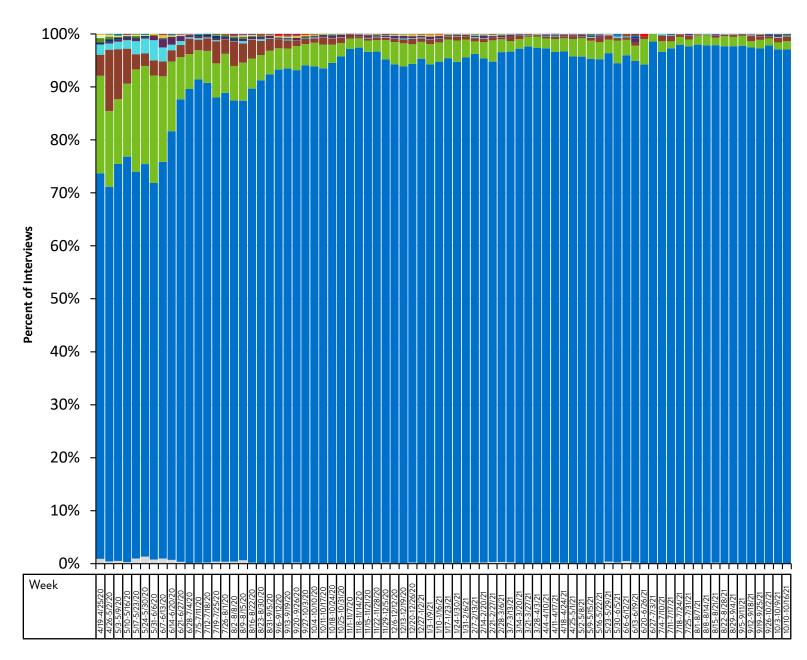
These data are for all vaccine breakthrough cases who reported their occupation as health care staff in acute care or congregate care facilities. Vaccine breakthrough cases are defined as Minnesota residents with a positive test result (both confirmed and probable) with onset date (or specimen collection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





Demographics: Interview Language (Archived)

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



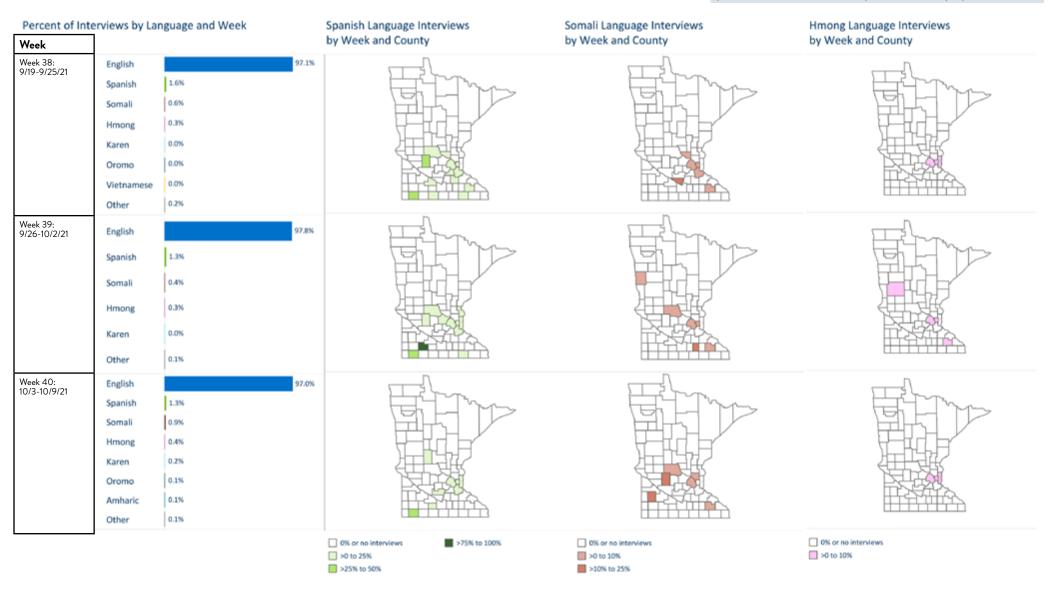
This information is no longer collected for all cases, therefore this data will no longer be updated.

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

Interview Language by County of Residence (Archived)

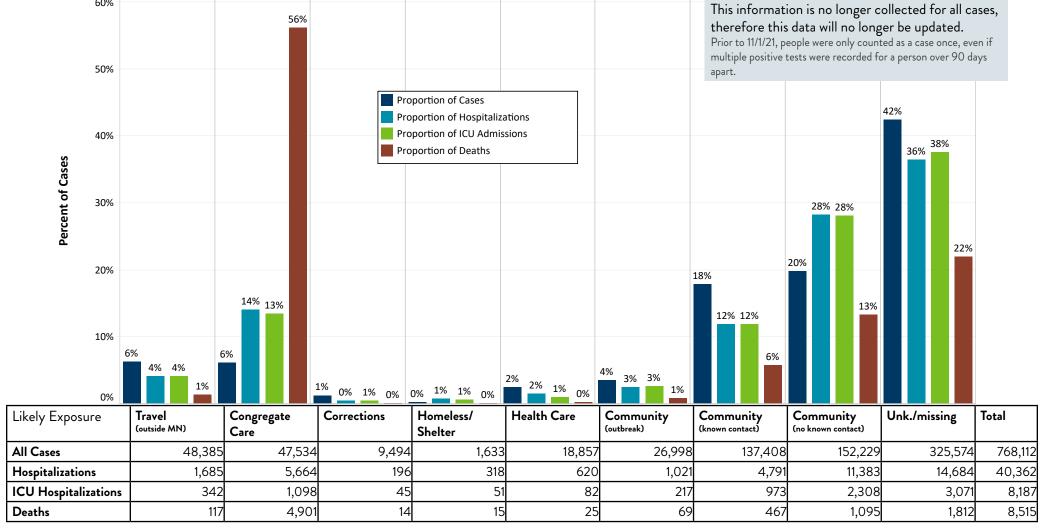
Percent of interviews by language and week of specimen collection by county of residence.

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



Likely Exposure (Archived)

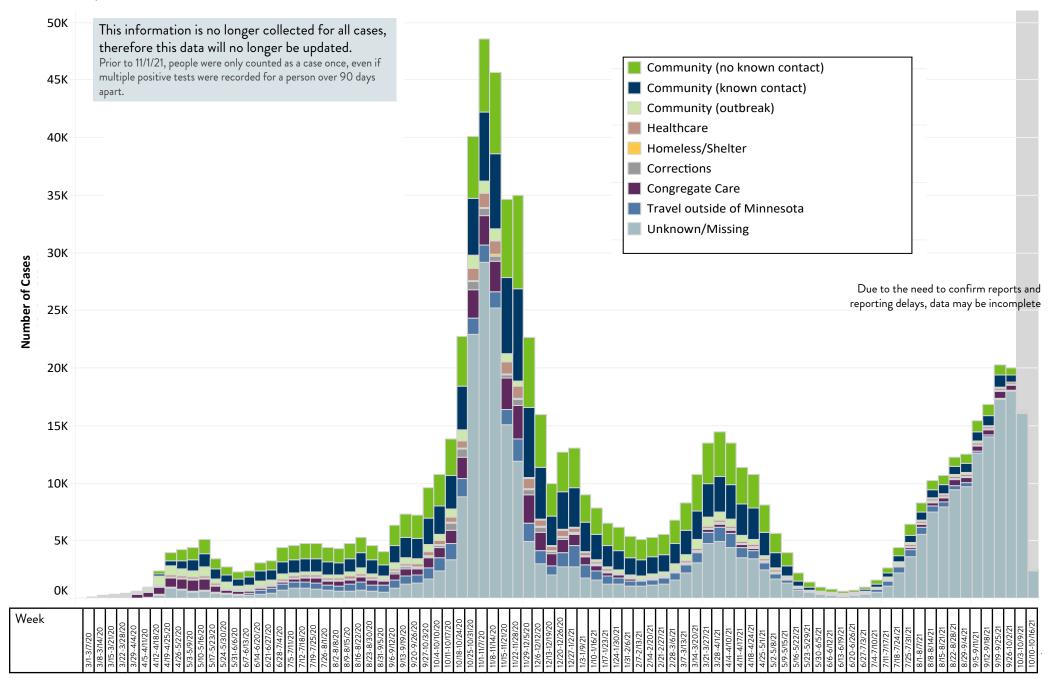
Likely exposure for confirmed and probable cases. Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known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



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

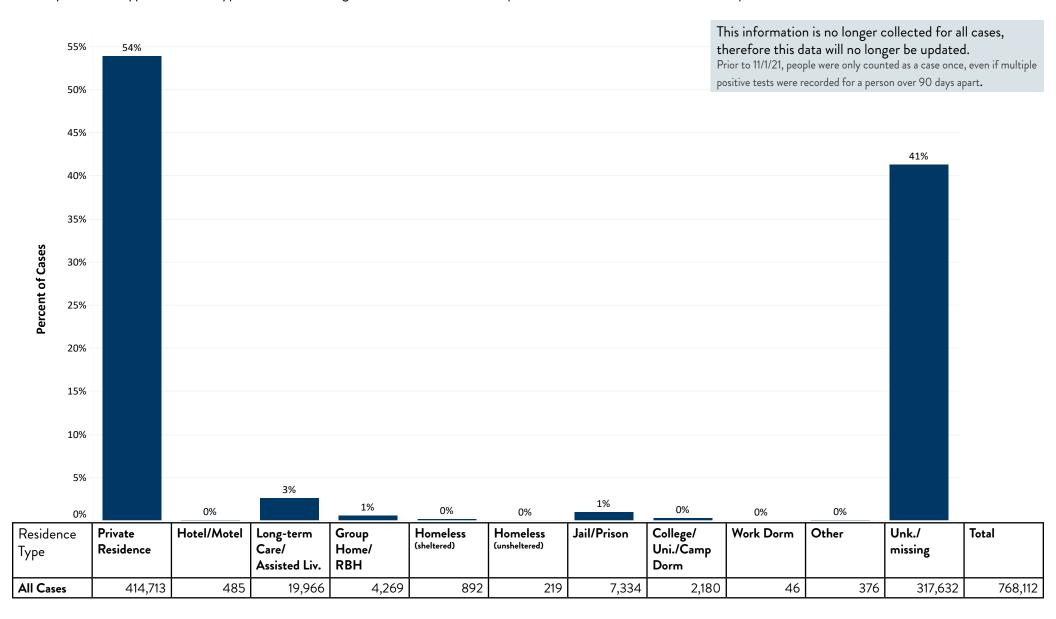
Cases by Likely Exposure and Specimen Collection Date (Archived)

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



Residence Type (Archived)

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



Cases among Health Care Workers (Archived)

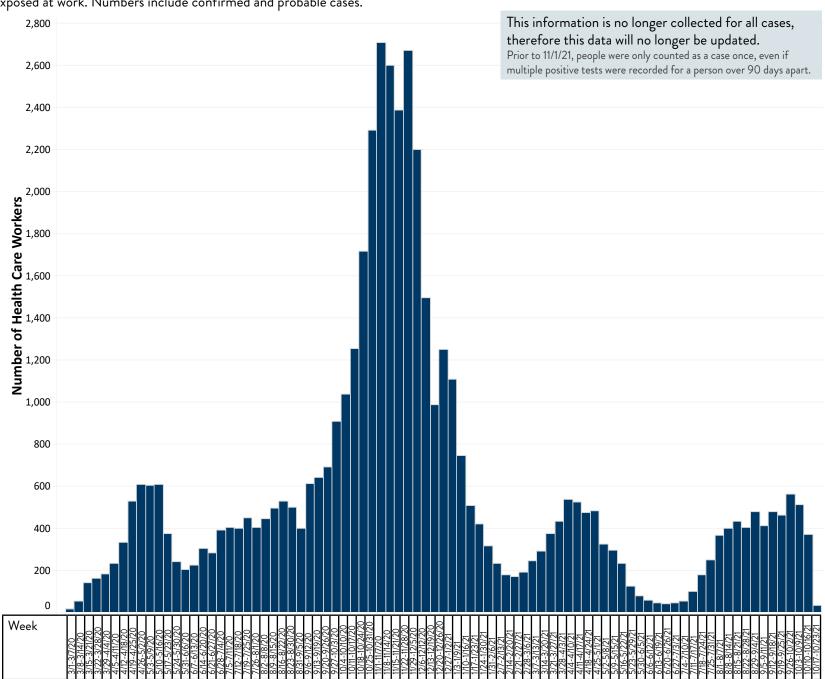
This data is for all cases who reported their occupation as health care staff in acute care or congregate care facilities. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.



1,247
Total Health Care Staff Hospitalized (cumulative)

207
Total Health Care Staff Hospitalized in ICU
(cumulative)

Total Health Care Staff Deaths
(cumulative)



High Risk Exposures in Health Care Workers (Archived)

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

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

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

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

52% exposures happened at home or in the community

48% of exposures occurred at work

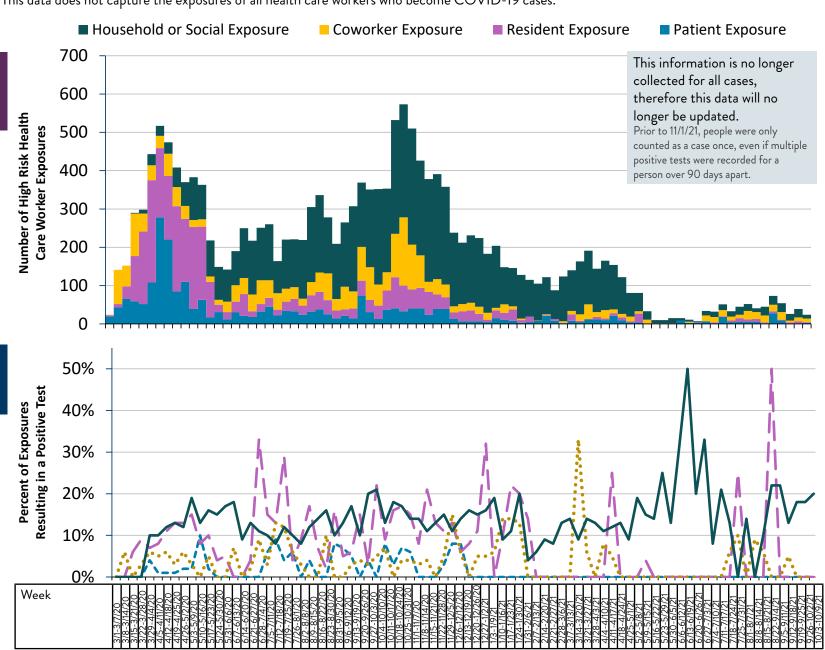
1,667

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

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

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

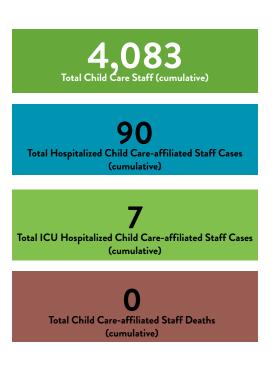
6% HCW tested positive after an exposure at work

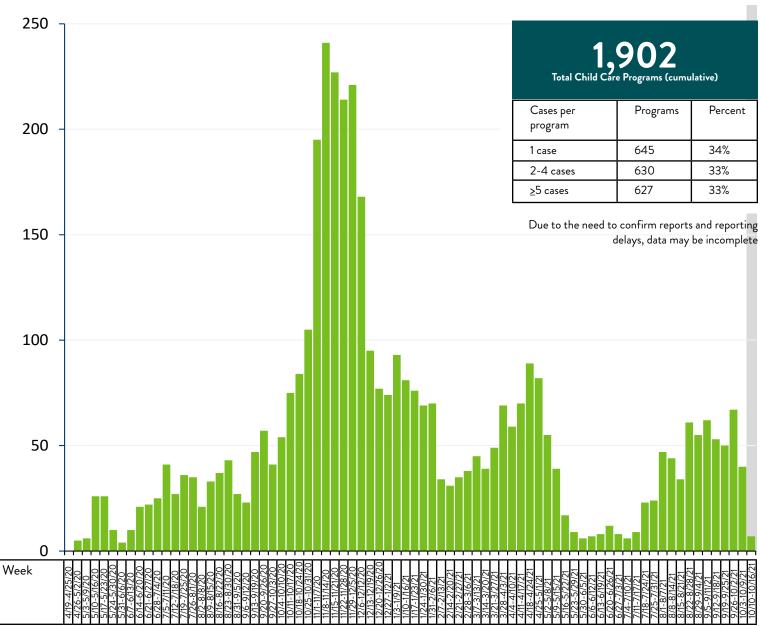


Staff with Potential Exposure in Child Care Settings (Archived)

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

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



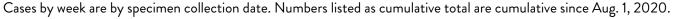


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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

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

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





Total PreK-12 School Staff Cases (cumulative)

235

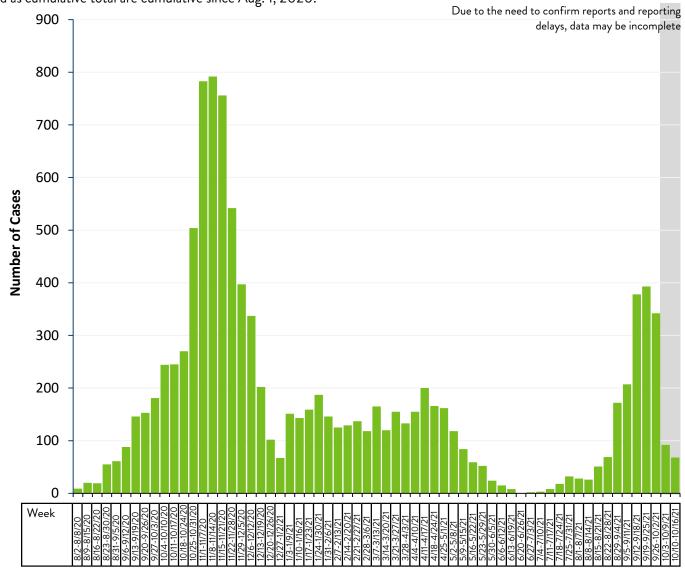
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

47

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

13

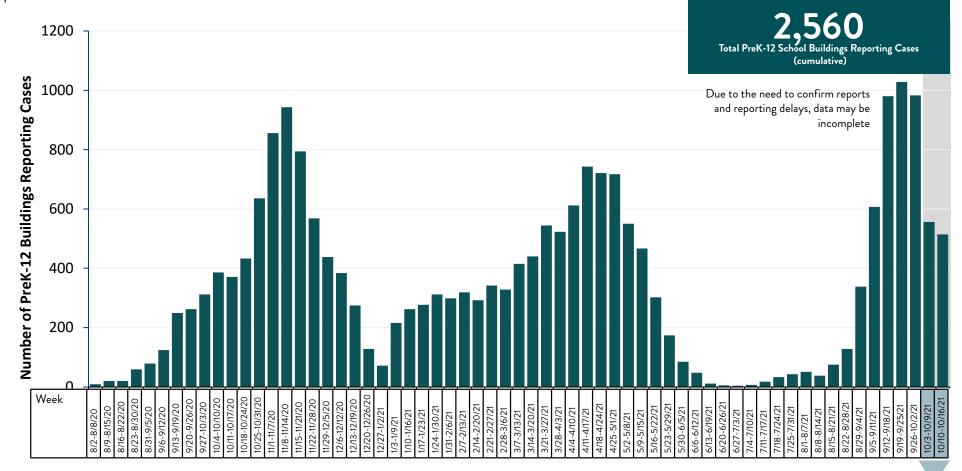
Total PreK-12-affiliated Staff Deaths (cumulative)



PreK-12 School Buildings Reporting Cases (Archived)

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

This data will no longer be updated.



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

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

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

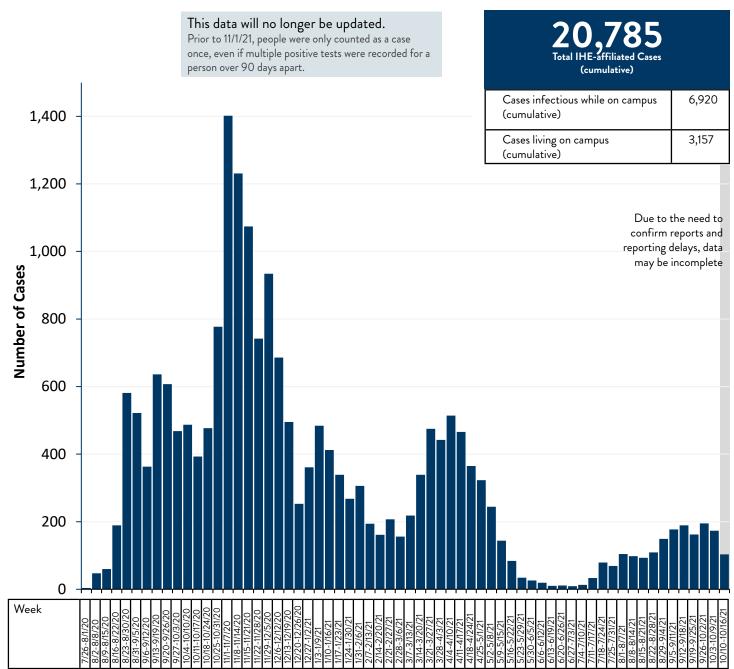
Cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools. Numbers include confirmed and probable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

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

183
Total Hospitalized IHE-affiliated Cases
(cumulative)

Total ICU Hospitalized IHE-affiliated Case (cumulative)

Total IHE-affiliated Deaths
(cumulative)



Staff Cases Associated with Congregate Care Settings (Archived)

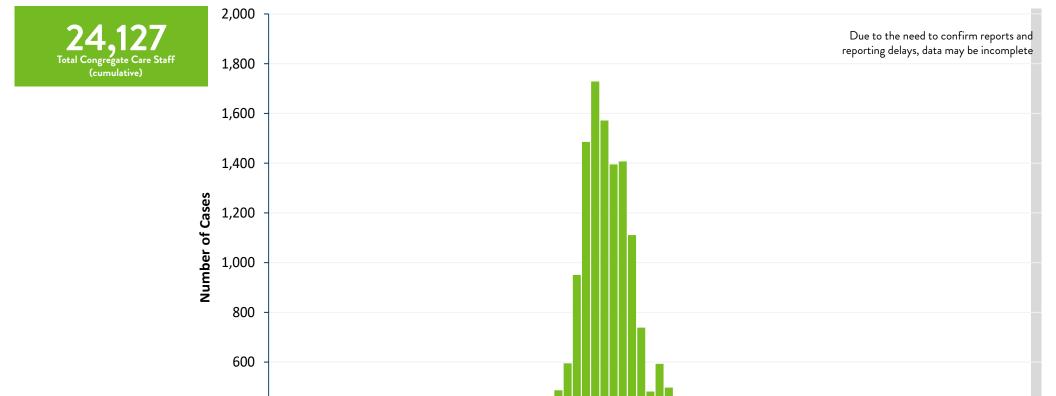
Cases of COVID-19 associated with staff living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component. Numbers include confirmed and probable cases.

400

200

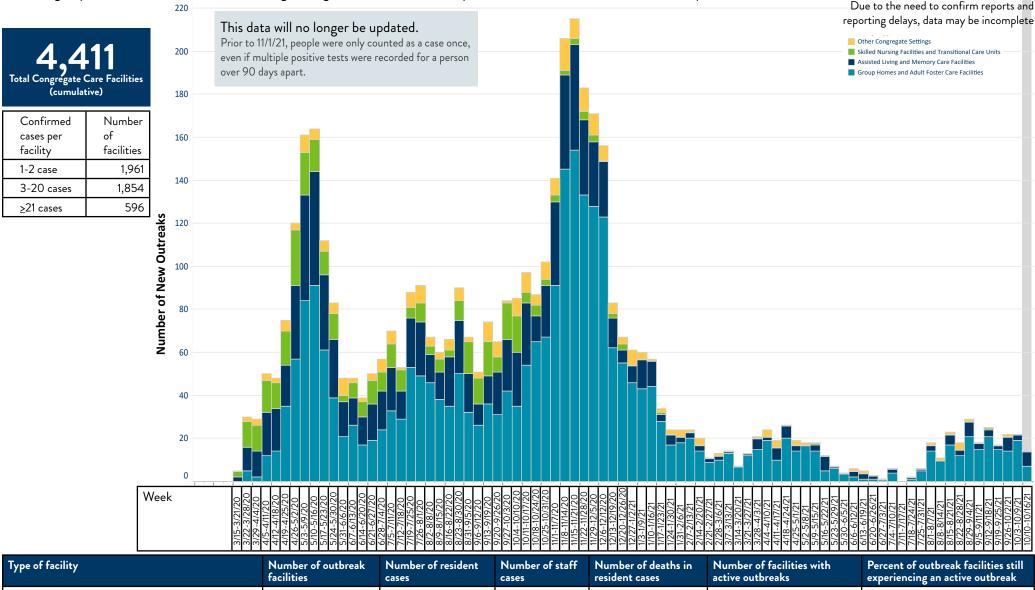
Week

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



Congregate Care Facility Outbreaks (Archived)

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



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

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