Minnesota Department of Health

WEEKLY COVID-19 REPORT 3/31/2022

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

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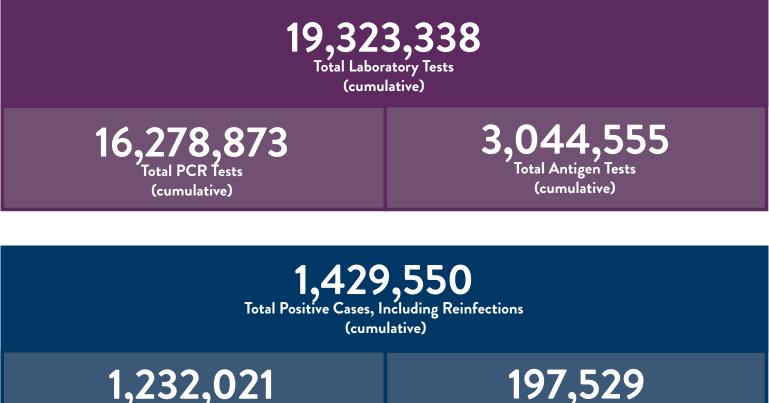
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About Minnesota COVID-19 Data

- 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.

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COVID-19 Overview Summary



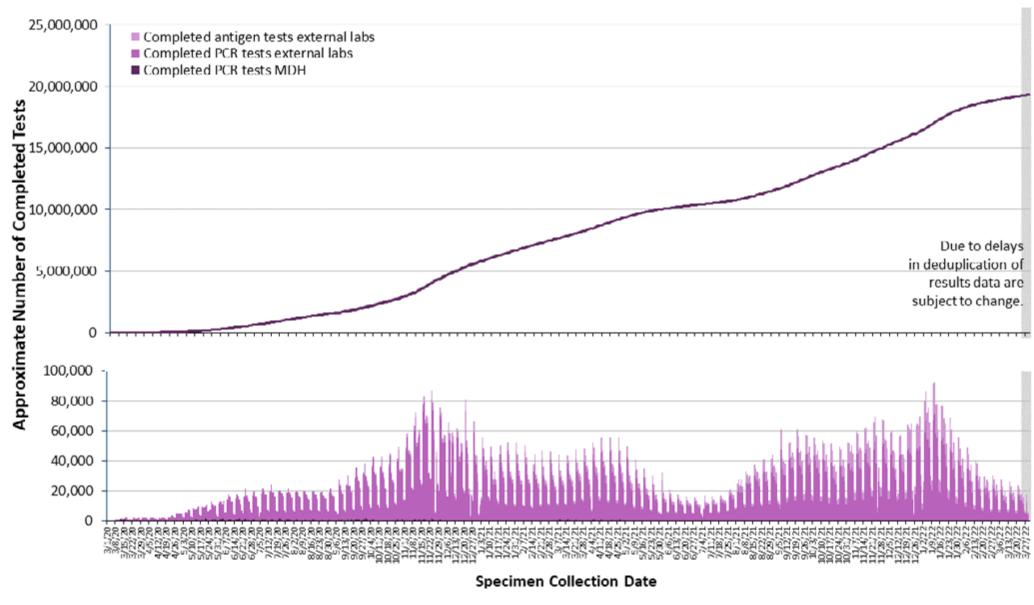
Total Confirmed Cases (PCR positive) (cumulative) **197,529** Total Probable Cases (Antigen positive) (cumulative)

61,553 Total Hospitalizations (cumulative) 11,390 Total ICU Hospitalizations (cumulative)

12,408 Total Deaths (cumulative) 1,413,859 Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19

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.

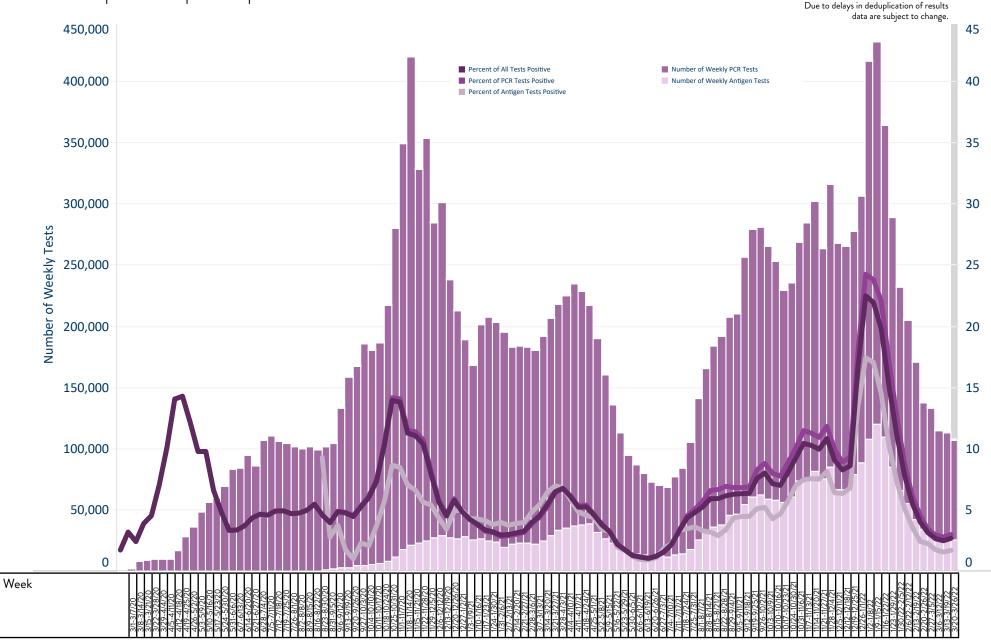


(cumulative)

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

Number of Tests and Percent Positive by Week

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



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

Laboratory Test Rates by County of Residence

Cumulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories repo

imulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories	County	Number of fests	Cumulative Mate	County	Number of Tests	Cumulative Mate
porting both positive and negative results are included.	Aitkin	41,988	26,518	Martin	67,586	33,854
	Anoka	1,046,152	30,111	McLeod	113,947	31,807
	Becker	107,711	31,893	Meeker	69,737	30,217
	Beltrami	125,533	27,221	Mille Lacs	88,481	34,391
	Benton	156,629	39,375	Morrison	110,008	33,387
	Big Stone	24,009	47,865	Mower	129,134	32,608
	Blue Earth	225,945	34,068	Murray	25,520	30,552
	Brown	91,965	36,478	Nicollet	106,892	31,641
	Carlton	149,325	42,016	Nobles	52,138	23,874
	Carver	288,565	28,737	Norman	24,907	37,974
	Cass	66,488	22,910	Olmsted	518,610	33,882
	Chippewa	46,091	38,377	Otter Tail	191,643	33,046
	Chisago	177,828	32,494	Pennington	29,086	20,506
	Clay	171,627	27,329	Pine	75,042	25,762
	Clearwater	19,888	22,569	Pipestone	30,867	33,606
	Cook	15,290	28,789	Polk	90,804	28,744
	Cottonwood	35,491	31,209	Pope	36,630	33,361
	Crow Wing	175,573	27,496	Ramsey	1,808,104	33,391
	Dakota	1,312,888	31,394	Red Lake	7,808	19,481
	Dodge	69,612	33,822	Redwood	52,905	34,509
	Douglas	127,952	34,393	Renville	55,595	37,766
	Faribault	52,803	37,999	Rice	330,830	50,305
	Fillmore	75,657	36,220	Rock	36,541	38,820
	Freeborn	120,453	39,459	Roseau	42,905	27,749
	Goodhue	164,149	35,517	Scott	413,173	28,818
	Grant	17,508	29,485	Sherburne	335,970	36,036
	Hennepin	4,266,825	34,536	Sibley	40,212	26,966
	Houston	36,603	19,613	St. Louis	712,476	35,610
	Hubbard	38,394	18,404	Stearns	529,778	33,783
	Isanti	101,759	26,109	Steele	117,527	32,045
	ltasca	142,488	31,522	Stevens	35,387	36,168
	Jackson	22,608	22,502	Swift	33,149	35,224
	Kanabec	35,473	22,165	Todd	59,968	24,537
	Kandiyohi	157,903	37,016	Traverse	11,300	33,863
	Kittson	14,493	33,417	Wabasha	78,359	36,446
	Koochiching	47,237	37,359	Wadena	61,764	45,262
Wisconsin	Lac qui Parle	26,497	39,122	Waseca	62,661	33,314
	Lake	38,932	36,836	Washington	856,795	33,823
	Lake of the Woods	12,108	31,788	Watonwan	33,927	30,919
	Le Sueur	69,423	24,809	Wilkin	16,395	25,847
	Lincoln	17,600	30,839	Winona	186,630	36,704
	Lyon	74,619	28,878	Wright	362,082	27,277
	Mahnomen	12,646	22,968	Yellow Medicine	32,762	33,200
	Marshall	18,252	19,434	Unknown/missing	771,478	
	C 4 1			· C· II		

County

Number of Tests Cumulative Rate

Minnesota Department of Health Weekly COVID-19 Report: Updated 3/31/2022 with data current as of 4 a.m. the previous business day unless specifically noted.

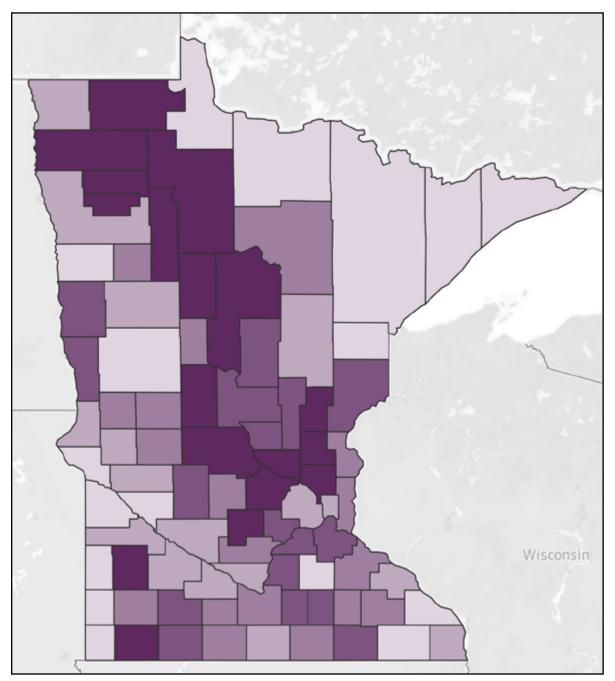
34,173 rate of tests per 10,000 people statewide (cumulative)

Number of Tests Cumulative Rate

County

Percent of Tests Positive by County of Residence

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.



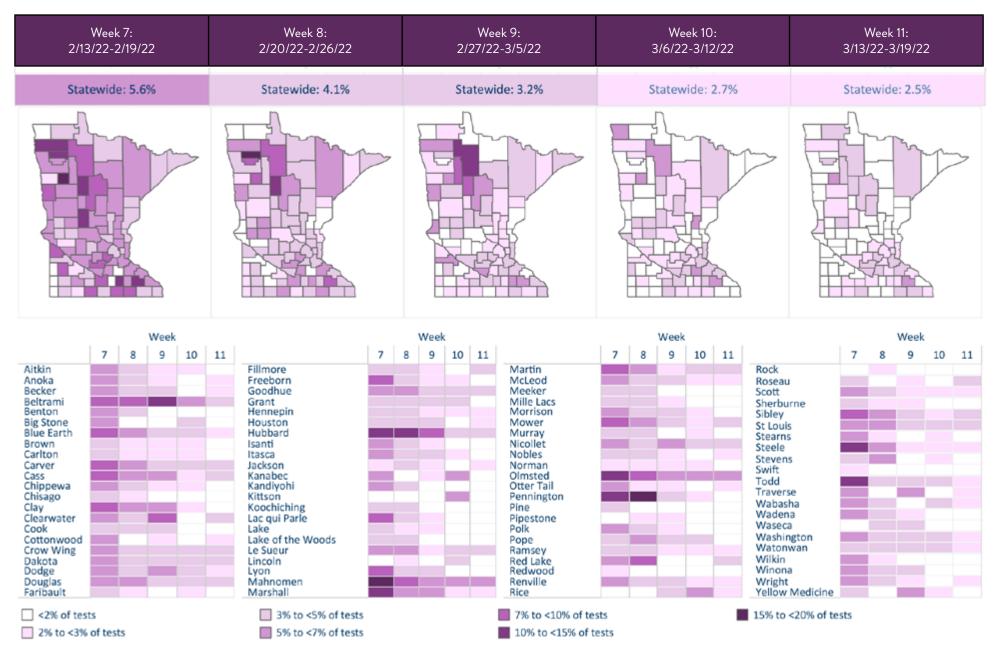
County	% Positive (cumulative)	County	% Positive (cumulative
Aitkin	7.2%	Martin	8.19
Anoka	9.6%	McLeod	9.4%
Becker	7.4%	Meeker	8.3%
Beltrami	9.4%	Mille Lacs	8.9%
Benton	8.8%	Morrison	8.4%
Big Stone	5.7%	Mower	8.9%
Blue Earth	8.0%	Murray	7.8%
Brown	7.2%	Nicollet	7.5%
Carlton	5.9%	Nobles	12.6%
Carver	8.8%	Norman	5.6%
Cass	10.3%	Olmsted	7.79
Chippewa	6.5%	Otter Tail	6.7%
Chisago	8.4%	Pennington	10.6%
Clay	8.7%	Pine	8.9%
Clearwater	10.3%	Pipestone	6.1%
Cook	3.8%	Polk	7.2%
Cottonwood	8.9%	Pope	8.0%
Crow Wing	9.0%	Ramsey	7.3%
Dakota	8.7%	Red Lake	10.7%
Dodge	8.0%	Redwood	7.2%
Douglas	8.4%	Renville	6.89
Faribault	7.1%	Rice	5.3%
Fillmore	6.3%	Rock	5.7%
Freeborn	7.8%	Roseau	10.4%
Goodhue	7.9%	Scott	9.2%
Grant	7.9%	Sherburne	9.2%
Hennepin	7.4%	Sibley	8.39
Houston	7.3%	St. Louis	6.89
Hubbard	11.6%	Stearns	9.49
Isanti	9.5%	Steele	8.99
ltasca	7.7%	Stevens	7.6%
Jackson	9.1%	Swift	7.0%
Kanabec	9.8%	Todd	10.1%
Kandiyohi	8.4%	Traverse	6.9%
Kittson	6.9%	Wabasha	6.9%
Koochiching	6.1% 6.1%	Wadena	8.07
Lac qui Parle		Washington	
Lake	5.5%	Washington	8.17
Lake of the Woods	6.3%	Watonwan	8.17
Le Sueur	8.5%	Wilkin	8.47
Lincoln	6.5%	Winona	6.69
Lyon	9.6%	Wright	9.7%
Mahnomen	8.3%	Yellow Medicine	7.09
Marshall	10.9%	Unknown/missing	5.4%

Minnesota Department of Health Weekly COVID-19 Report: Updated 3/31/2022 with data current as of 4 a.m. the previous business day unless specifically noted.

7.9% % positive statewide (cumulative)

Weekly Percent of Tests Positive by County of Residence

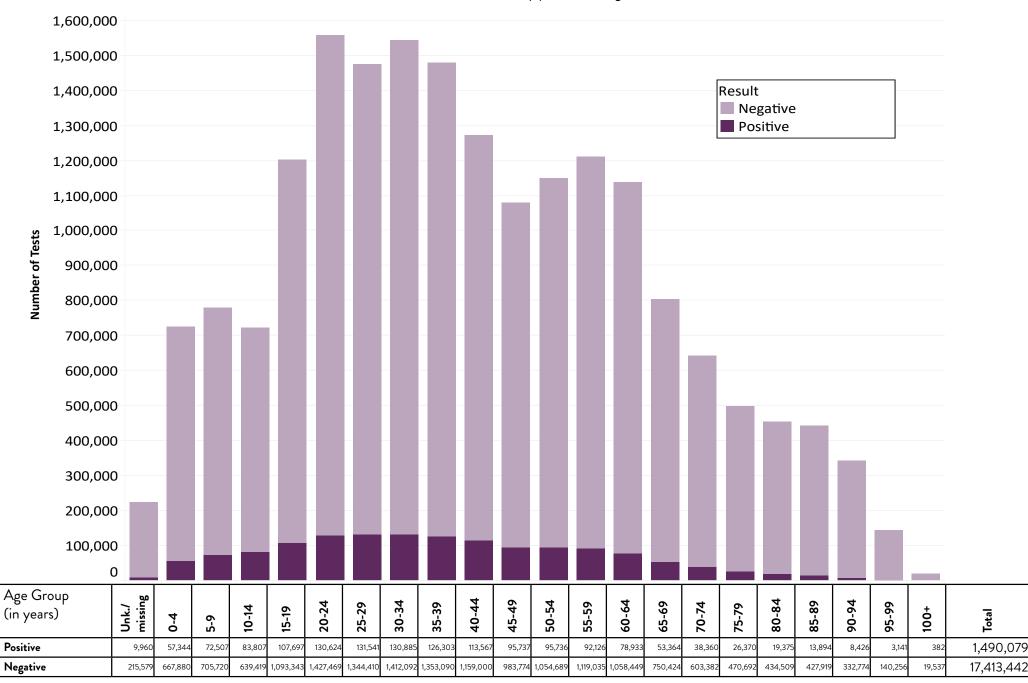
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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



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

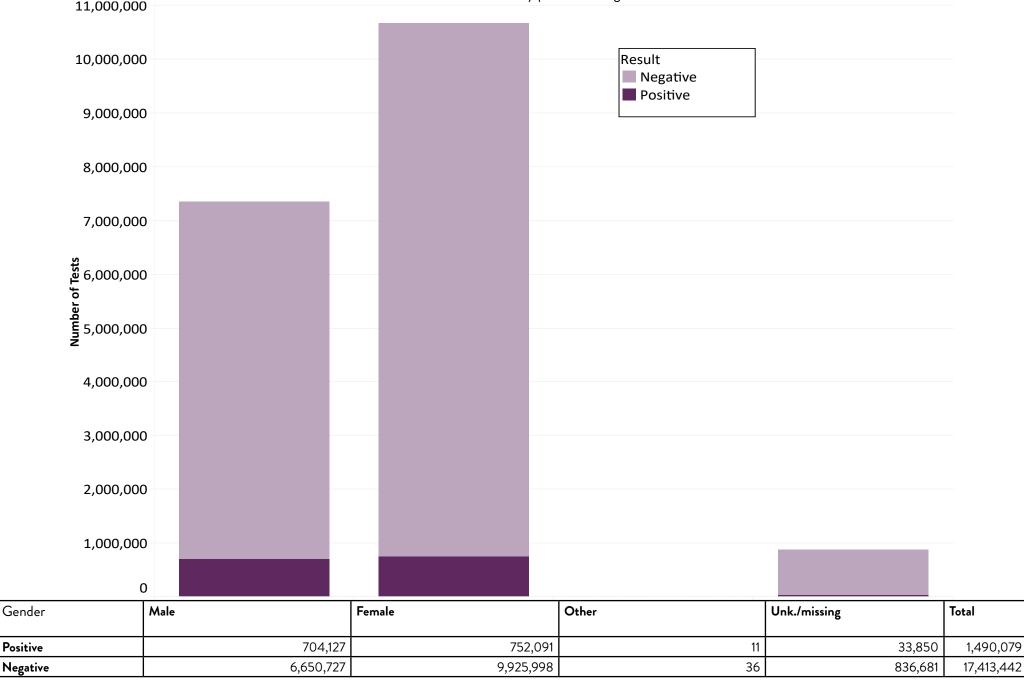
Testing Demographics: Age

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



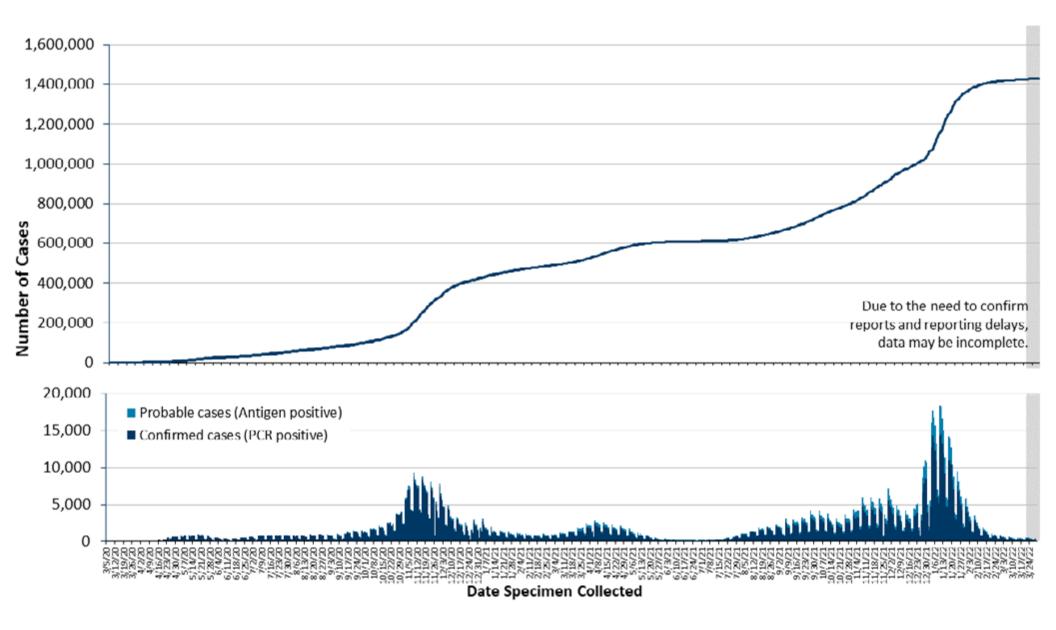
Testing Demographics: Gender

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



Positive COVID-19 Cases

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



including Reinfections

(cumulative)

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

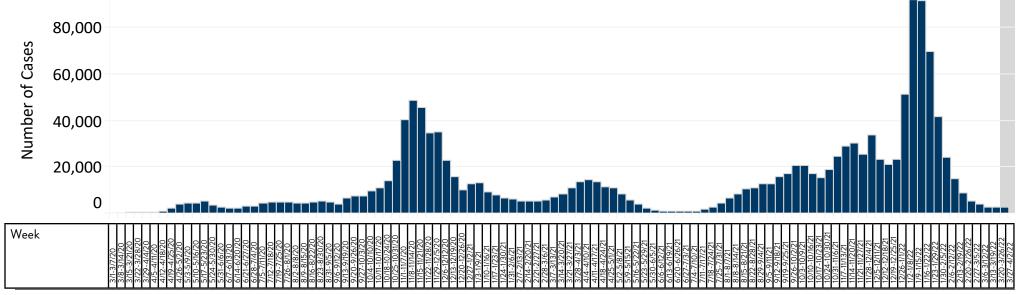
New Cases by Week, 7-Day Average

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

New Cases by Week of Specimen Collection

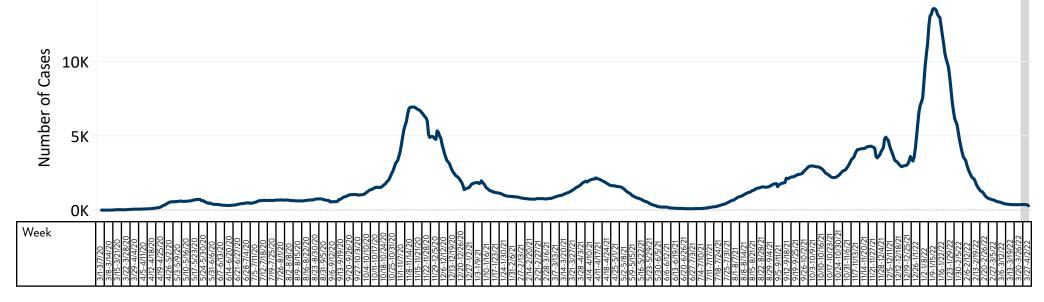
Due to the need to confirm reports and reporting delays, data may be incomplete

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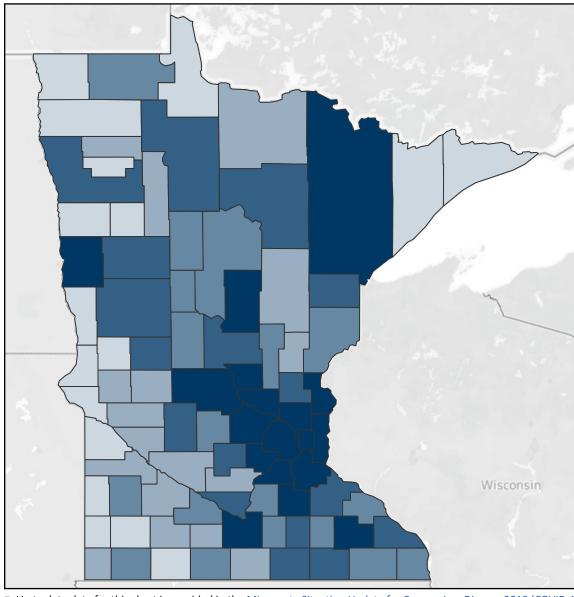
Downloadable CSV file with current data for this graph is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Seven Day Moving Average of New Cases



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.



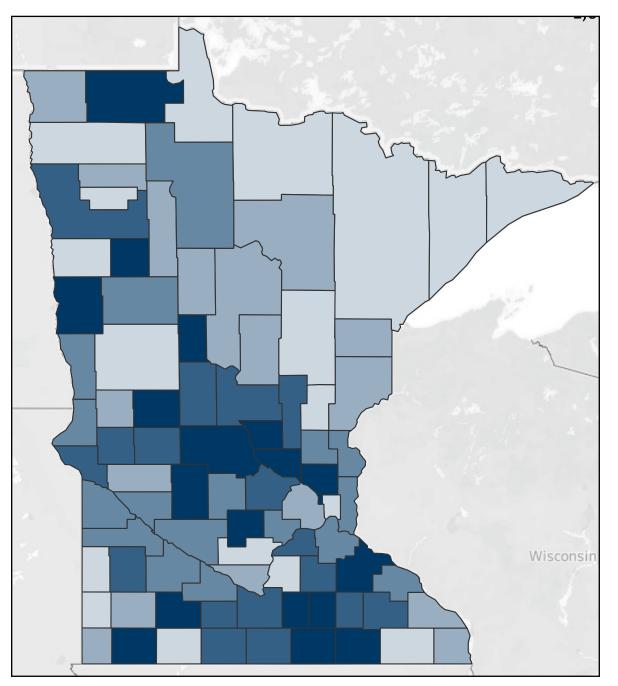
Up to date data for this chart is provided in the <u>Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19)</u>	_
(https://www.health.state.mn.us/diseases/coronavirus/situation.html)	

• 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)

Total Pos	1,429,550 Sitive Cases (cur	mulative)	1,413,859 No Longer Needing Isolation (cumulat			
County	Cases (cumulative)	Cases no longer needing isolation	County	Cases (cumulative)	Cases no longer needing isolation	
Aitkin	2,944	2,879	Martin	5,577	5,500	
Anoka	98,229	97,285	McLeod	10,546	10,424	
Becker	8,774	8,654	Meeker	5,923	5,844	
Beltrami	11,971	11,819	Mille Lacs	7,208	7,090	
Benton	13,987	13,797	Morrison	9,069	8,951	
Big Stone	1,379	1,369	Mower	11,823	11,724	
Blue Earth	17,850	17,709	Murray	2,026	2,009	
Brown	6,520	6,431	Nicollet	7,970	7,891	
Carlton	8,845	8,737	Nobles	6,936	6,867	
Carver	26,564	26,397	Norman	1,490	1,476	
Cass	6,992	6,898	Olmsted	40,792	40,325	
Chippewa	3,067	3,018	Otter Tail	13,519	13,324	
Chisago	14,487	14,341	Pennington	3,540	3,493	
Clay	19,739	19,587	Pine	6,991	6,919	
Clearwater	2,152	2,119	Pipestone	1,986	1,950	
Cook	554	545	Polk	8,841	8,722	
Cottonwood	3,214	3,167	Pope	3,025	3,005	
Crow Wing	15,906	15,714	Ramsey	123,713	122,036	
Dakota	109,647	108,639	Red Lake	931	917	
Dodge	5,658	5,623	Redwood	3,884	3,829	
Douglas	10,861	10,730	Renville	3,728	3,671	
Faribault	3,758	3,690	Rice	17,855	17,648	
Fillmore	4,768	4,728	Rock	2,327	2,292	
Freeborn	9,059	8,965	Roseau	4,461	4,416	
Goodhue	13,048	12,878	Scott	40,064	39,745	
Grant	1,465	1,451	Sherburne	27,185	26,985	
Hennepin	297,626	294,171	Sibley	3,502	3,466	
Houston	4,510	4,480	St. Louis	46,768	46,058	
Hubbard	4,924	4,857	Stearns	50,679	50,266	
Isanti	10,068	9,945	Steele	10,316	10,221	
ltasca	11,004	10,837	Stevens	2,625	2,606	
Jackson	2,140	2,120	Swift	2,285	2,000	
Kanabec	3,478	3,421	Todd	6,745	6,678	
Kandiyohi	13,397	13,246	Traverse	850	840	
Kittson	1,037	1,009	Wabasha	5,564	5,530	
Koochiching	2,703	2,658	Wadena	4,204	4,144	
	<u> </u>					
Lac qui Parle	1,736 2,064	1,708	Waseca Washington	5,479 66,649	5,433 66,018	
Lake		2,036	Washington	,	· · · · ·	
Lake of the Woods	763	757	Watonwan	2,976	2,949	
Le Sueur	6,459	6,401	Wilkin	1,652	1,629	
Lincoln	1,212	1,206	Winona	12,656	12,565	
Lyon	7,037	6,959	Wright	36,453	36,114	
Mahnomen	1,755	1,734	Yellow Medicine	2,524	2,493	
Marshall	2,083	2,056	Unknown/missing	779	778	

Cumulative Case Rate by County of Residence

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



County	Cumulative Rate	County	Cumulative Rate
Aitkin	1,859	Martin	2,794
Anoka	2,827	McLeod	2,944
Becker	2,598	Meeker	2,566
Beltrami	2,596	Mille Lacs	2,802
Benton	3,516	Morrison	2,752
Big Stone	2,749	Mower	2,985
Blue Earth	2,691	Murray	2,425
Brown	2,586	Nicollet	2,359
Carlton	2,489	Nobles	3,176
Carver	2,645	Norman	2,272
Cass	2,409	Olmsted	2,665
Chippewa	2,554	Otter Tail	2,331
Chisago	2,647	Pennington	2,496
Clay	3,143	Pine	2,400
Clearwater	2,442	Pipestone	2,162
Cook	1,043	Polk	2,799
Cottonwood	2,826	Pope	2,755
Crow Wing	2,491	Ramsey	2,285
Dakota	2,622	Red Lake	2,323
Dodge	2,749	Redwood	2,533
Douglas	2,919	Renville	2,532
Faribault	2,704	Rice	2,715
Fillmore	2,283	Rock	2,472
Freeborn	2,968	Roseau	2,885
Goodhue	2,823	Scott	2,794
Grant	2,467	Sherburne	2,916
Hennepin	2,409	Sibley	2,348
Houston	2,417	St. Louis	2,337
Hubbard	2,360	Stearns	3,232
Isanti	2,583	Steele	2,813
ltasca	2,434	Stevens	2,683
Jackson	2,130	Swift	2,428
Kanabec	2,173	Todd	2,760
Kandiyohi	3,141	Traverse	2,547
Kittson	2,391	Wabasha	2,588
Koochiching	2,138	Wadena	3,081
Lac qui Parle	2,563	Waseca	2,913
Lake	1,953	Washington	2,631
Lake of the Woods	2,003	Watonwan	2,712
Le Sueur	2,308	Wilkin	2,604
Lincoln	2,124	Winona	2,489
Lyon	2,723	Wright	2,746
Mahnomen	3,187	Yellow Medicine	2,558
Marshall	2,218		

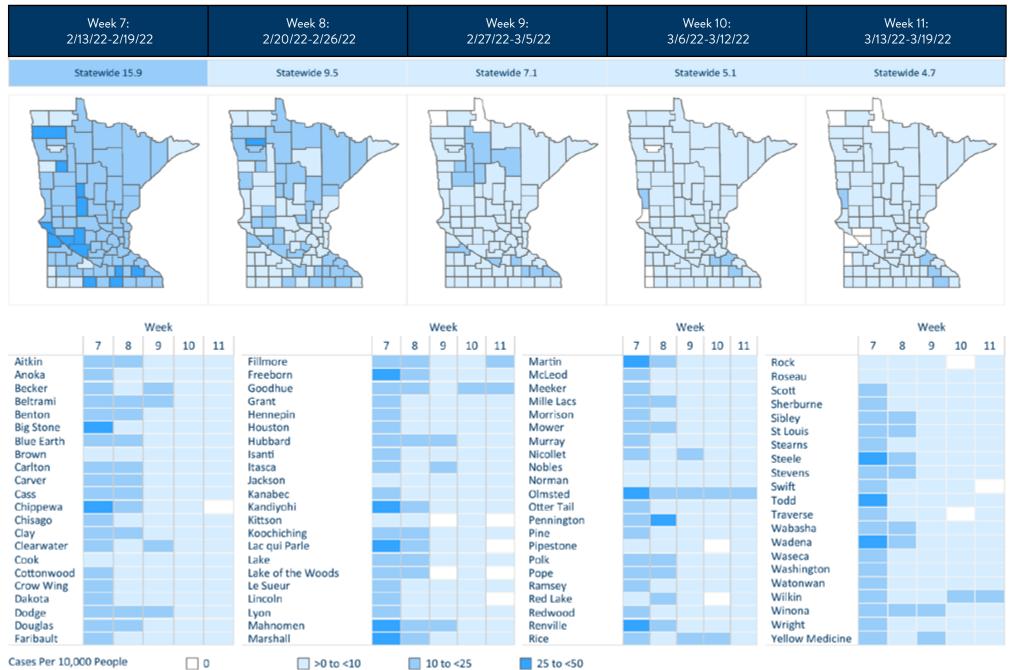
Minnesota Department of Health Weekly COVID-19 Report: Updated 3/31/2022 with data current as of 4 a.m. the previous business day unless specifically noted.

2,586 cases per 10,000 people

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Weekly Case Rate by County of Residence

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



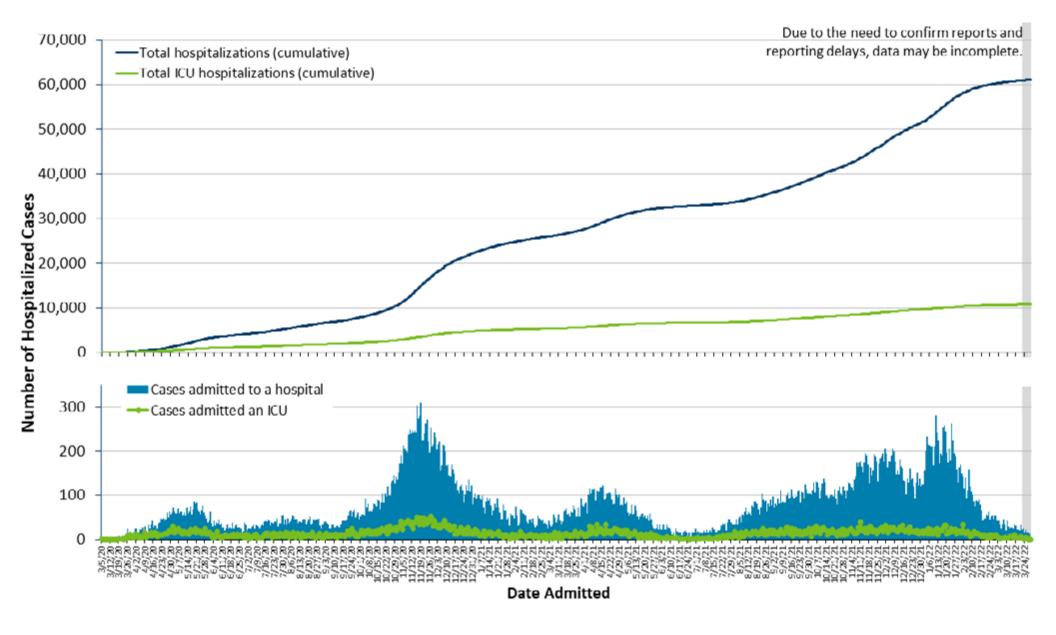
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

61,553 Total Hospitalizations (cumulative)

11,390 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.

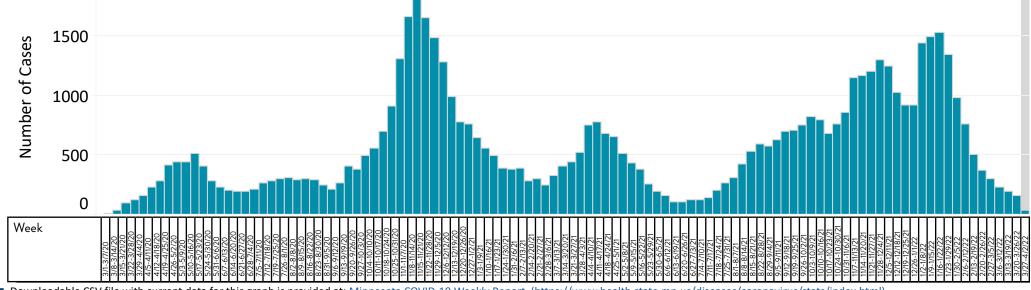


Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Hospitalizations by Week, 7-Day Average

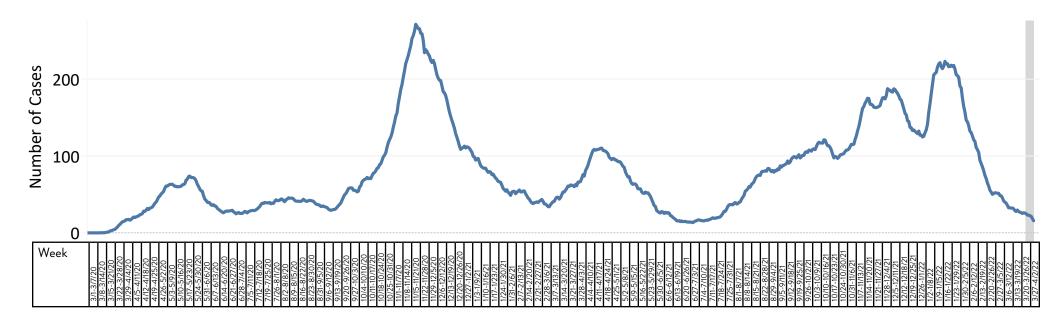
 $Cases \ by \ week \ of \ initial \ hospitalization, \ and \ 7-day \ moving \ average \ of \ new \ hospitalizations.$

New Hospitalization by Week First Hospital Admission



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

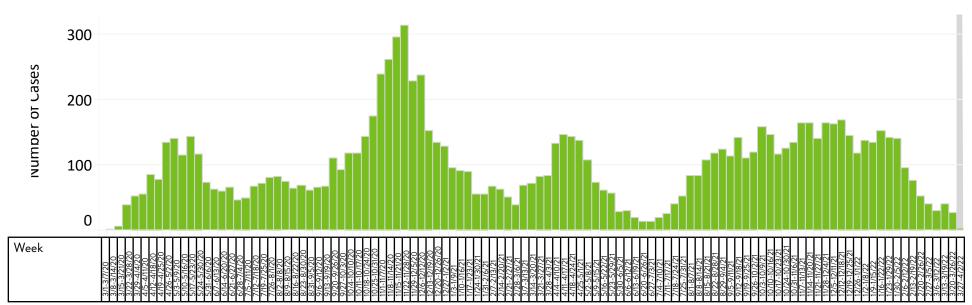
Seven Day Moving Average of New Hospitalizations



ICU Hospitalizations by Week, 7-Day Average

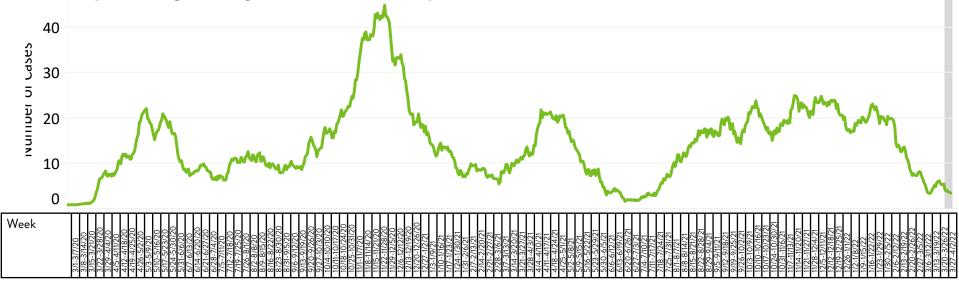
Cases by week of ICU hospital admission, and 7-day moving average of new ICU hospitalizations.

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)

Seven Day Moving Average of New ICU Hospitalizations

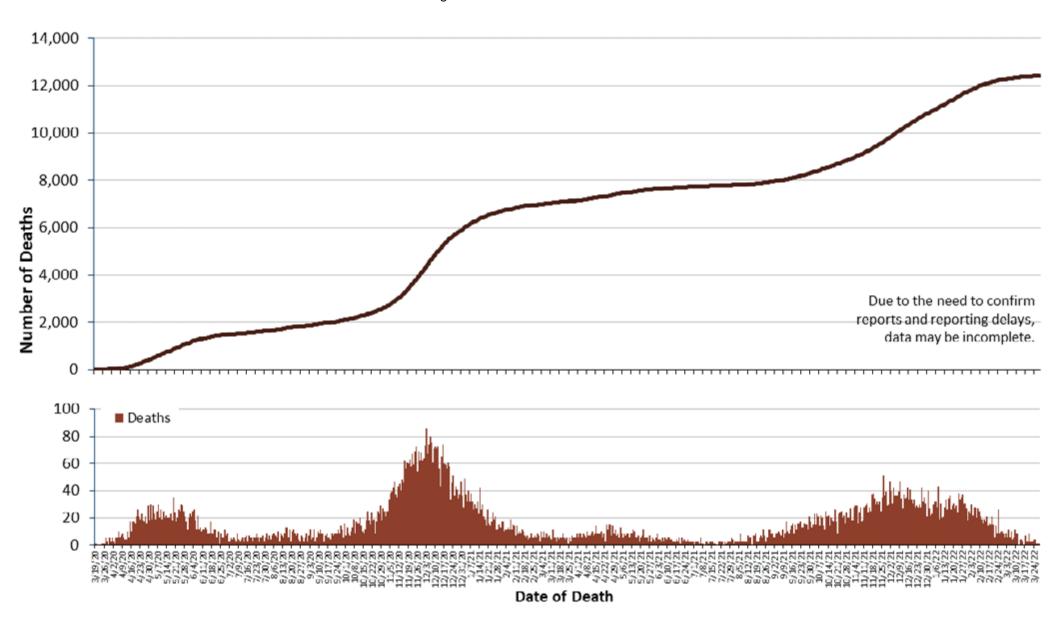


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COVID-19 Deaths



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.).

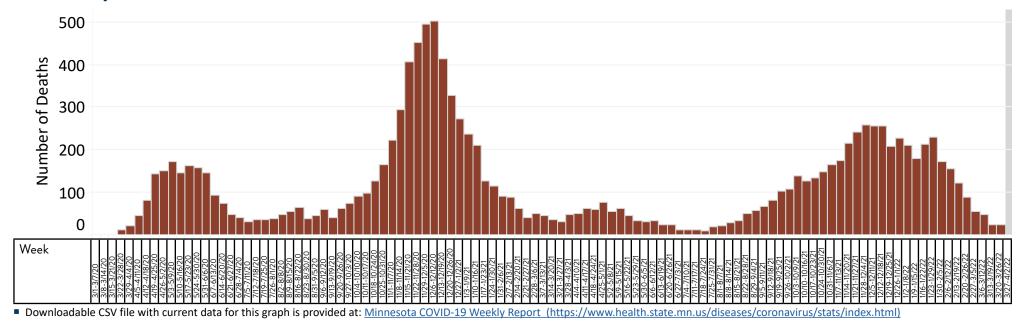


Tables of current data and more information about deaths: <u>Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)</u>

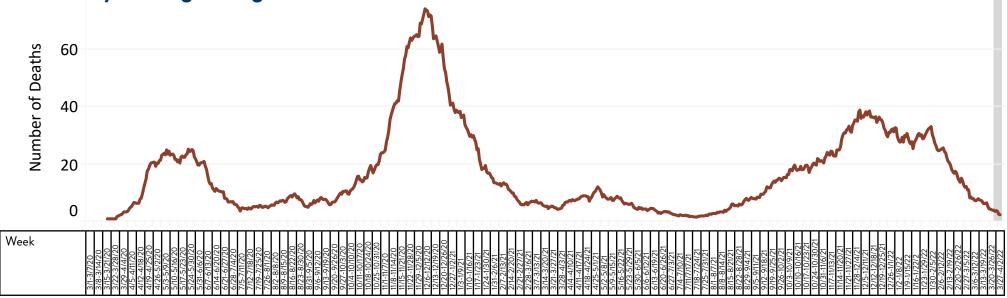
Deaths by Week, 7-Day Average

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

Deaths by Week of Death

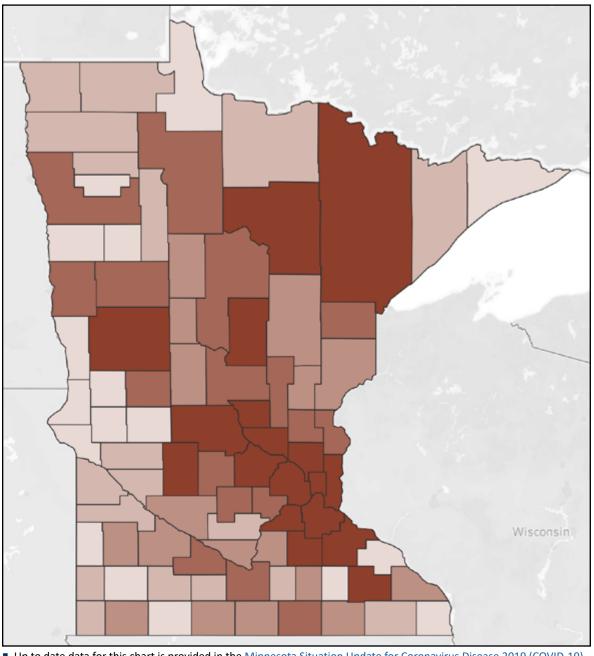


Seven Day Moving Average of Deaths



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) County Deaths (cumulative) County Deaths (cumulative) Aitkin Martin 64 61 792 108 Anoka McLeod Becker 92 Meeker 75 Beltrami 124 Mille Lacs 114 Benton 174 Morrison 104 72 Big Stone 8 Mower Blue Earth 98 Murray 16 Brown 81 Nicollet 66 Carlton 96 Nobles 60 Carver 116 Norman 13 80 Olmsted 176 Cass Chippewa 48 Otter Tail 164 Chisago 120 41 Pennington 123 Pine 67 Clay Clearwater 30 Pipestone 34 Cook 4 Polk 105 41 Pope 17 Cottonwood 168 Ramsey 1,328 Crow Wing Red Lake Dakota 765 13 Dodge 21 Redwood 53 116 Renville 56 Douglas 173 50 Faribault Rice 33 Fillmore 24 Rock Freeborn 74 Roseau 44 129 258 Goodhue Scott 179 12 Sherburne Grant 24 2,561 Sibley Hennepin 18 526 Houston St. Louis 59 364 Hubbard Stearns 117 Steele 60 lsanti 145 13 ltasca Stevens 17 Swift 33 Jackson 55 57 Kanabec Todd 138 10 Kandiyohi Traverse 27 16 Kittson Wabasha 37 Wadena 54 Koochiching 28 39 Waseca Lac qui Parle 477 Lake 28 Washington 23 Lake of the Woods Watonwan 6 Le Sueur 51 Wilkin 22 Winona 72 Lincoln 6 304 72 Wright Lyon Mahnomen 17 29 Yellow Medicine Marshall 23 Unknown/missing 0 Page 21

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Total Deaths (cumulative)

12,408

Demogra

16%

14%

12%

10%

8%

6%

4%

2%

0%

Age Group (in years)

All Cases

Deaths

Hospitalizations ICU Hospitalizations

Percent of Cases

Cumulative number of case

sra	ph	ic	с.	Δ	56							ſ					Me	dian /	Age (F	Range) in Y	ears	
5 0			3. /	-6	5							Ī	All Ca	ses				(<1 mor					
ofcase	cases, hospitalizations, and deaths by age group, median age, and age range.							ange.	Ī	Non-Hospitalized Cases					34 (<1 month - 113)								
								U	Γ	Hospitalizations					(<1 mor	nth - 10)5)						
												Γ	ICU Hospitalizations 63 (<1 month - 105)										
													Death	s			80	(<1 - 10)9)				
					P	roporti roporti roporti	on of I on of I	Hospita CU Adi	missior														
0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unk./ missing	Total	
57,830	72,246	83,348		124,608	125,014	125,213	122,011	109,879	92,633	92,619	88,749	75,700		36,655	24,986	18,026	12,672	7,681	2,812	541	111	1,429,550	
850	273	434	1,038	1,728	2,386	2,927	2,884	2,824	3,148	4,166	5,204	6,128	5,792	5,911	5,241	4,627	3,438	1,907	582	63	2	61,553	
145	60	76	168	153	223	338	447	493	676	900	1,115	1,452	1,381	1,269	1,065	747	444	183	51	2	2	11,390	

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336

541

854

999

1,322

1,533

1,813

1,941

1,616

761

153

0

12,408

199

131

92

32

12

65

Cases by Age Group and Specimen Collection Date

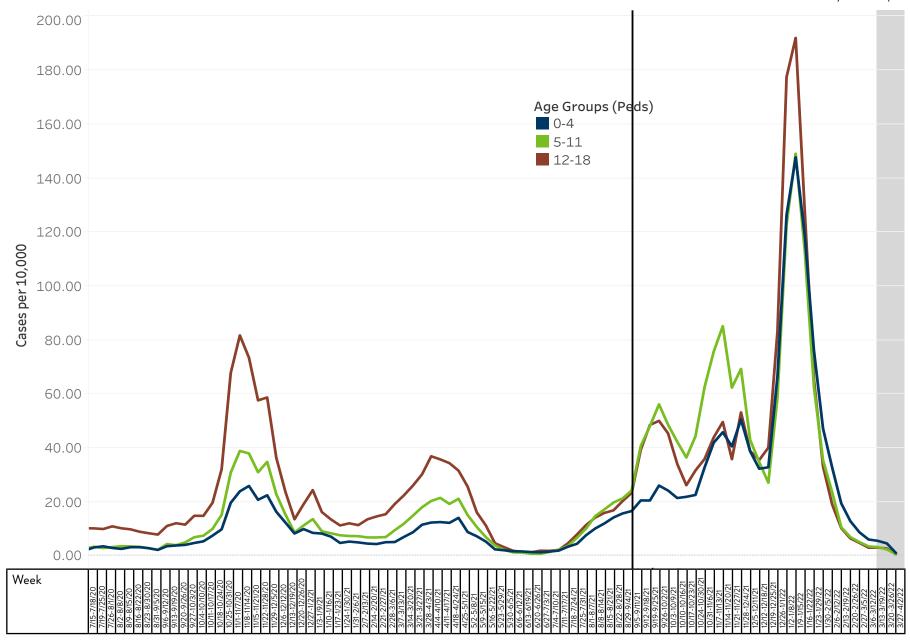
Due to the need to Cases by age group by date of specimen collection in Minnesota. confirm reports and reporting delays, data may be incomplete 70% 90K Age Group Percent of Cases 100+ Below 40 Years Old 95-99 90-94 85-89 80K 80-84 60% 75-79 70-74 65-69 60-64 70K 55-59 50-54 50% 40 45-49 40-44 ≥ 35-39 60K Number of Cases 30-34 Bel 25-29 20-24 Cases 40% 15-19 50K 10-14 5-9 0-4 Percent of 40K 30% 30K 20% 20K 10% 10K 0К 0% Week

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

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.

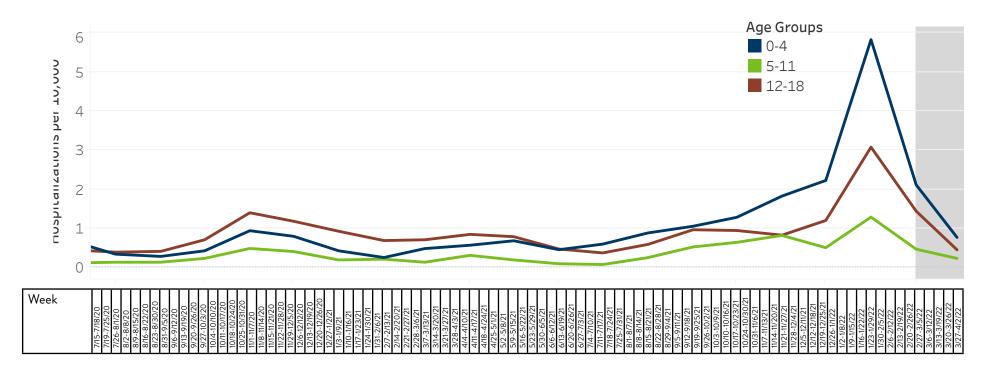
Due to the need to confirm reports and reporting delays, data may be incomplete



Hospitalization Rate in Children by Specimen Collection Date

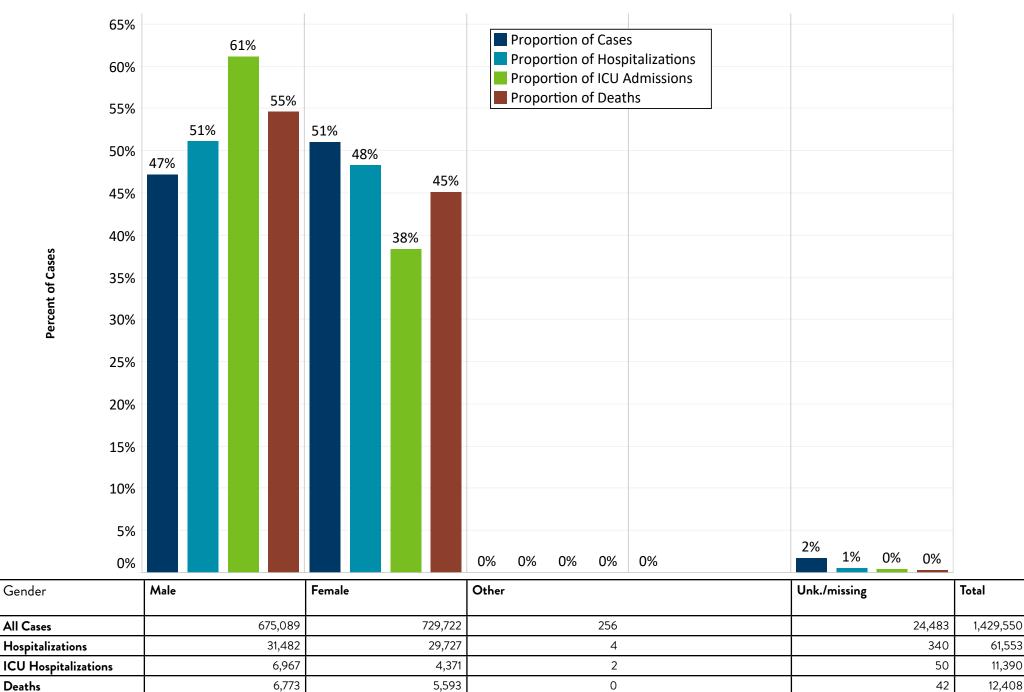
Hospitalizations by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



Demographics: Gender

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



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61,553

11,390

12,408

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.

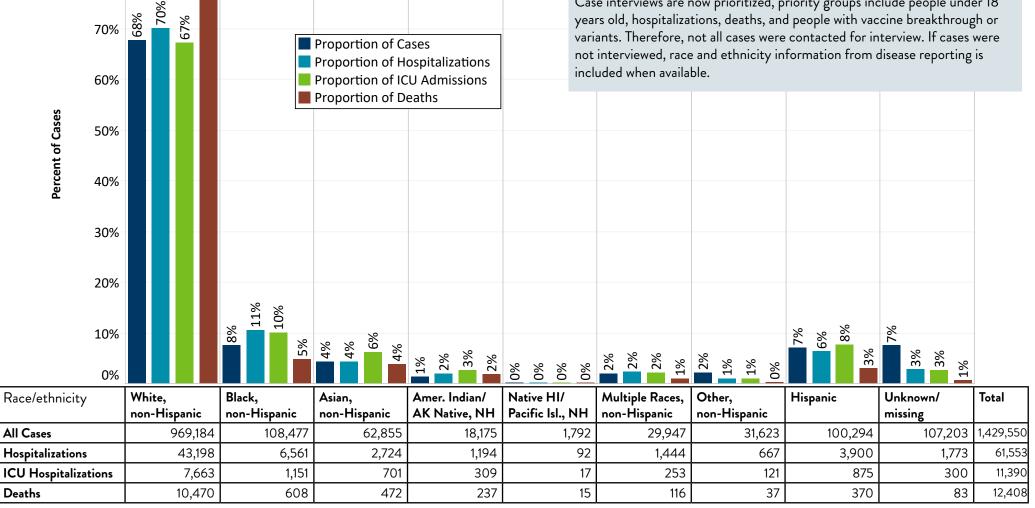
84%

90%

80%

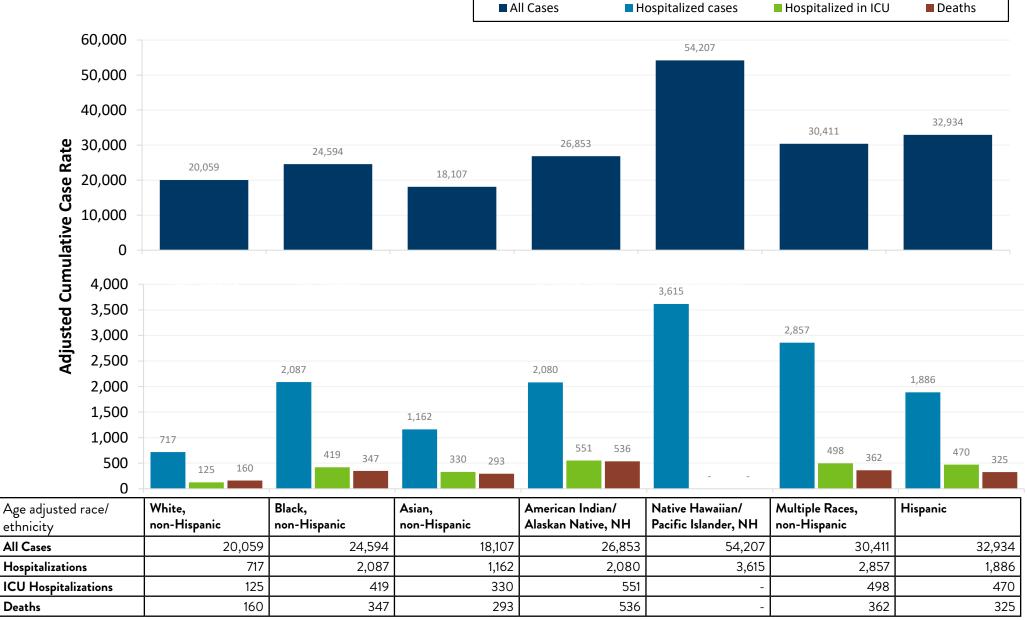
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	2%
Other, non-Hispanic	7,021	<1%
Hispanic	292,764	5%

Case interviews are now prioritized, priority groups include people under 18



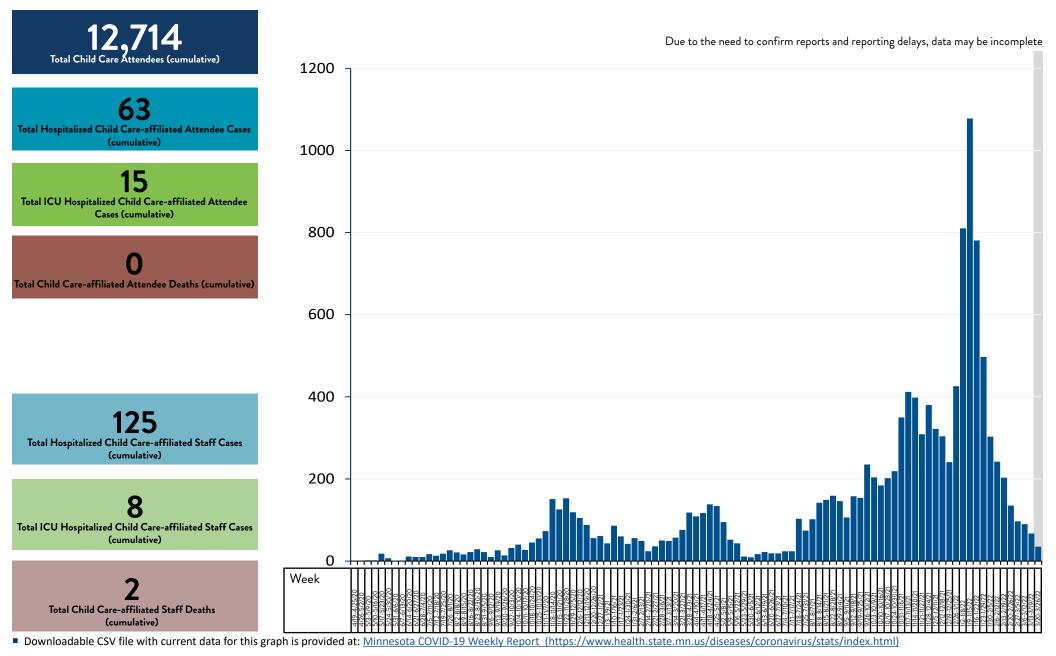
Age-Adjusted Race & Ethnicity Rates

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.



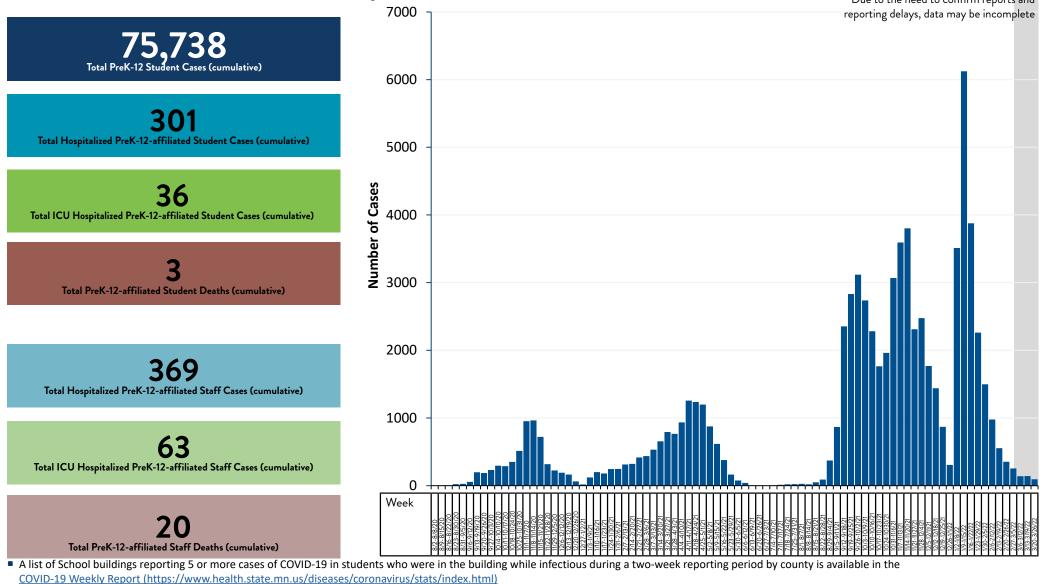
Potential Exposure in Child Care Settings

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.



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.



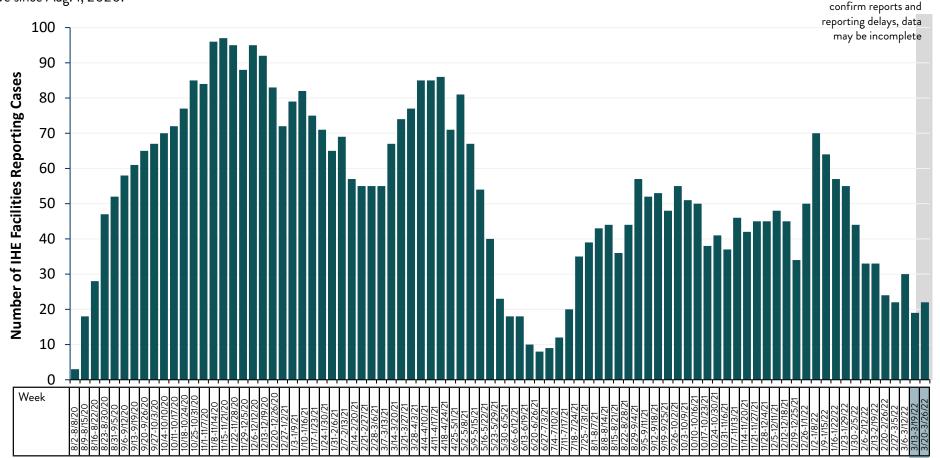
Downloadable CSV file with current data for this graph is provided at: <u>Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html</u>)

Minnesota IHE Facilities Reporting Cases

Number of Institutions of Higher Education (IHE) that have reported cases of COVID-19 in faculty, staff, and students working or enrolled at a Minnesota IHE (e.g. colleges, universities, community and technical colleges, private career schools). Number of IHEs reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.



Due to the need to



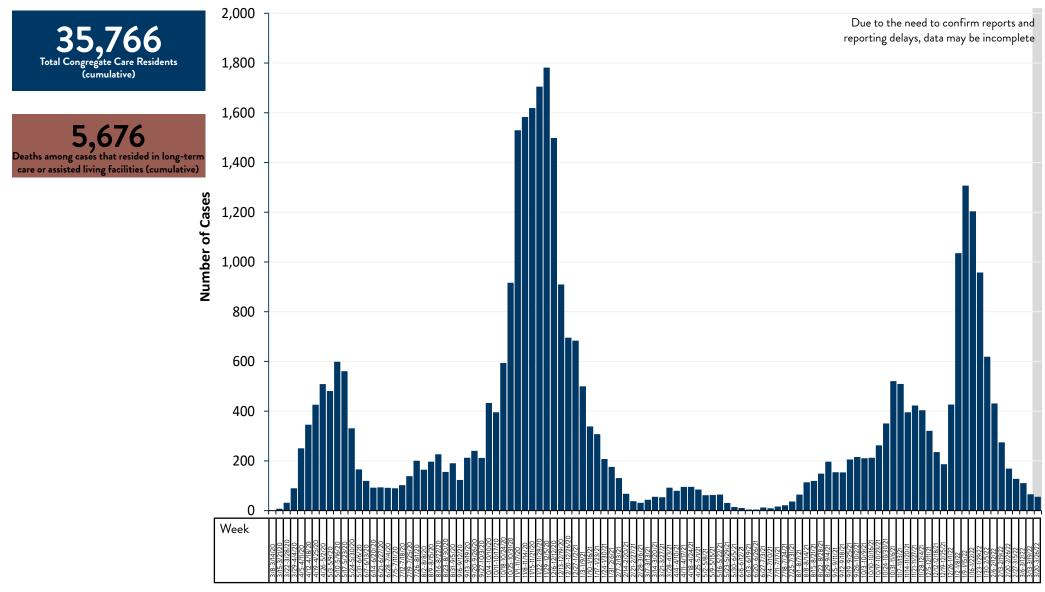
The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 3/13-3/26/22
1-10 cases	20
11-30 cases	1
31-99 cases	1
≥100 cases	0
Total	22

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.



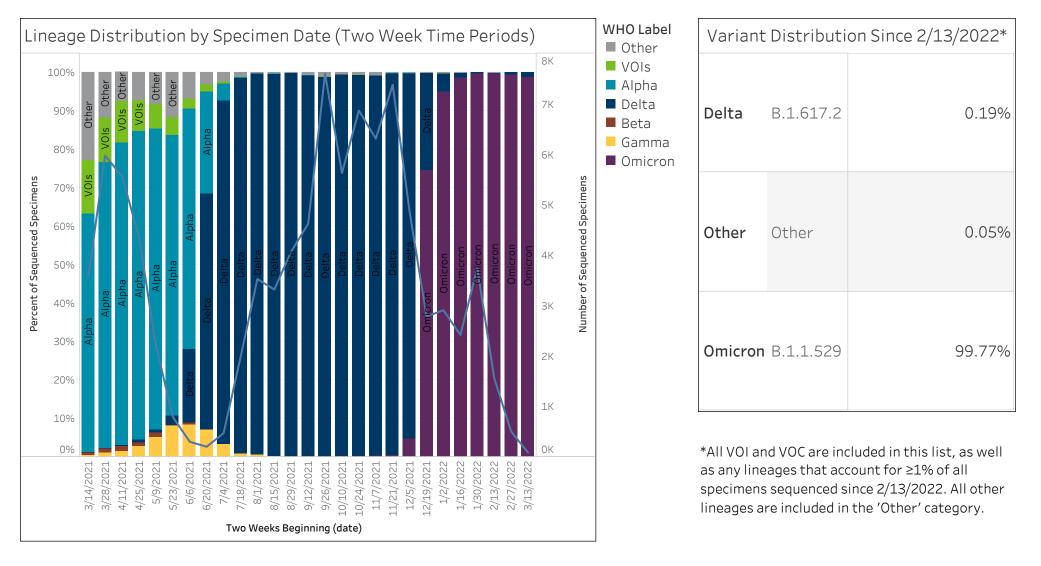
A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: <u>Minnesota Situation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

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

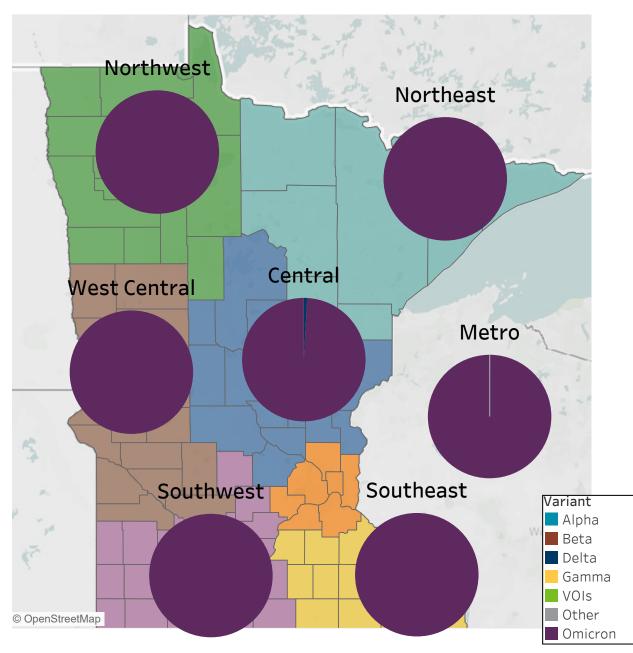
Lineage distribution of SARS-CoV-2 variants in Minnesota. The line indicates number of specimens sequenced, while the bars show proportions of each variant identified.

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 <u>WHO: Tracking SARS-CoV-2 variants (https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/)</u>



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.



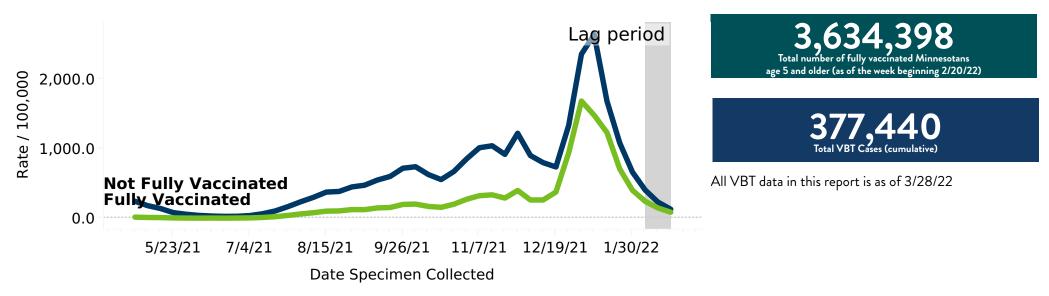
A map of counties included in regions can be found at <u>Map of Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html)</u>.

Region & Variant	Variant %	Region & Variant	Variant %			
Northwest		Northeast				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.00%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	100.00%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
West Central	·	Central				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.87%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	99.13%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
Southwest		Southeast				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.00%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	100.00%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
Metro						
Alpha	0.00%					
Beta	0.00%					
Delta	0.14%					
Gamma	0.00%					
Omicron	99.79%					
Other	0.07%					
VOIs	0.00%					

Vaccine Breakthrough (VBT) Cases

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

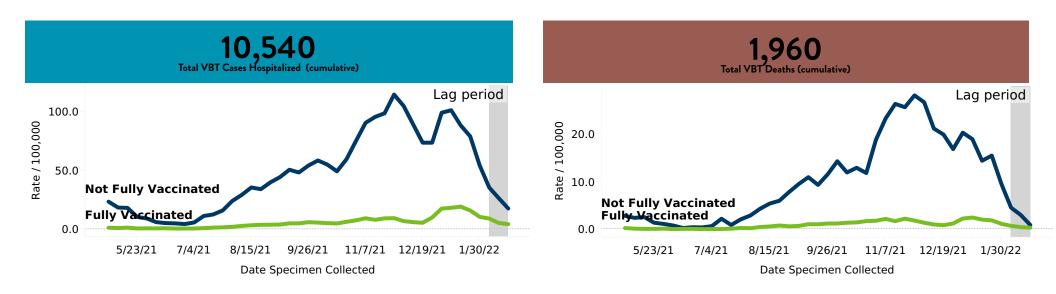
The rate per 100,000 people is calculated as the number of fully vaccinated people who test positive for SARS-CoV-2 divided by the total number of fully vaccinated people, multiplied by 100,000.



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

VBT Hospitalizations and Deaths

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



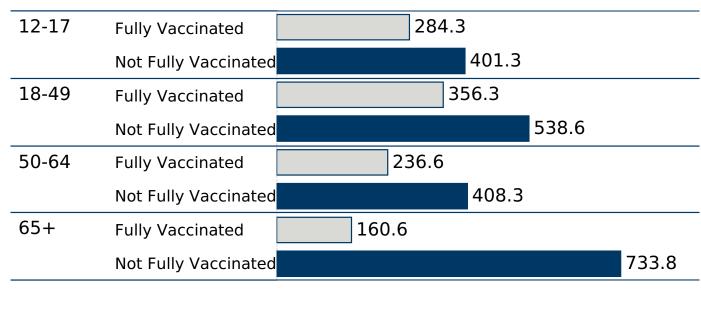
More information about vaccine breakthrough, and data updated every Monday are available on: <u>COVID-19 Vaccine Breakthrough Weekly Update (www.health.state.mn.us/diseases/coronavirus/stats/vbt.html)</u>

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.

5/2/2021 to 2/20/2022 and Null values

Cases: Rate by age group per 100,000 Week starting: **5/2/2021** to **2/20/2022**



5/2/2021 to 2/20/2022

5/2/2021 to 2/20/2022

Deaths: Rate by age group per 100,000

Not Fully Vaccinated 0.7

0.1

0.7

5.3 4.9

48.0

Week starting: 5/2/2021 to 2/20/2022

Fully Vaccinated

Fully Vaccinated

Fully Vaccinated

Not Fully Vaccinated

Not Fully Vaccinate

and Null values

18-49

50-64

65+

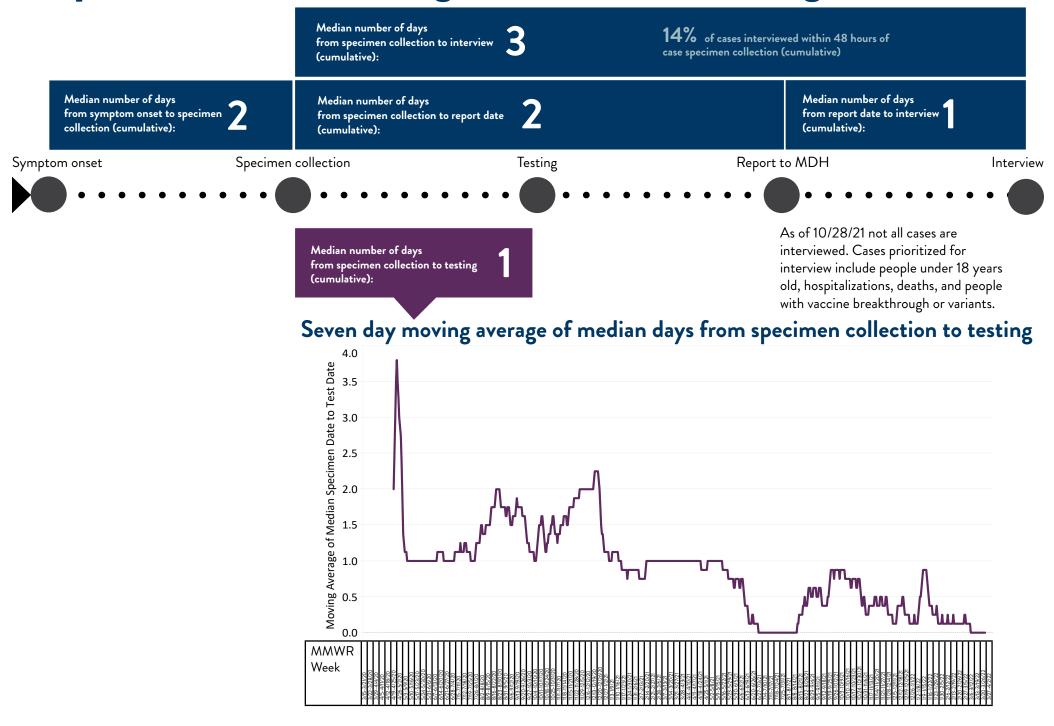
and Null values

Hospitalizations: Rate by age group per 100,000 Week starting: 5/2/2021 to 2/20/2022

12-17	Fully Vaccinated 1.4
	Not Fully Vaccinated 3.1
18-49	Fully Vaccinated 3.1
	Not Fully Vaccinated 16.3
50-64	Fully Vaccinated 6.2
	Not Fully Vaccinated 38.4
65+	Fully Vaccinated 17.8
	Not Fully Vaccinated 169.0

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

Response Metrics: Testing and Interview Timing



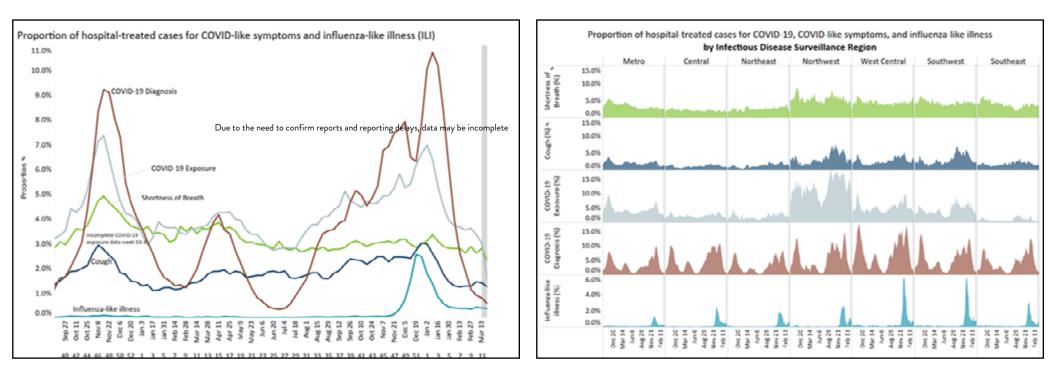
Syndromic Surveillance

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

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

Data include emergency-department and inpatient hospital visits for COVID-like illness through March 26, 2022. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

Through March 26, 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.

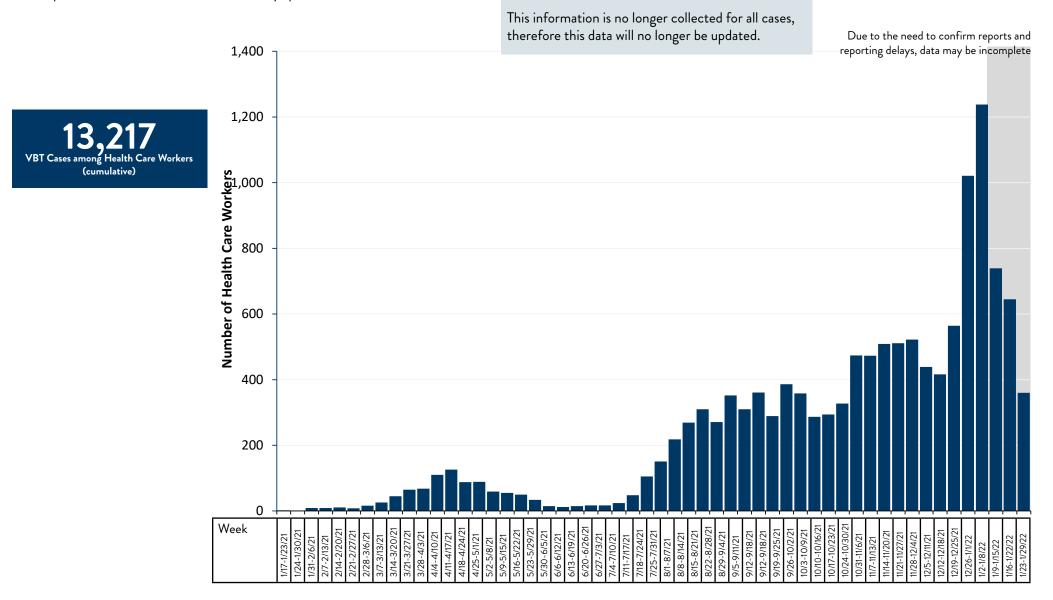


Map of Counties and Infectious Disease Surveillance Regions can be found on: <u>Field Services Epidemiologists (https://www.health.state.mn.us/about/org/idepc/epis.html</u>)

• Further information and frequently asked questions syndromic surveillance can be found at: <u>Hospital Alerting for Syndromic Surveillance: COVID-19/SAR-CoV-2</u> (<u>https://www.health.state.mn.us/diseases/coronavirus/hcp/syndromic.html</u>)

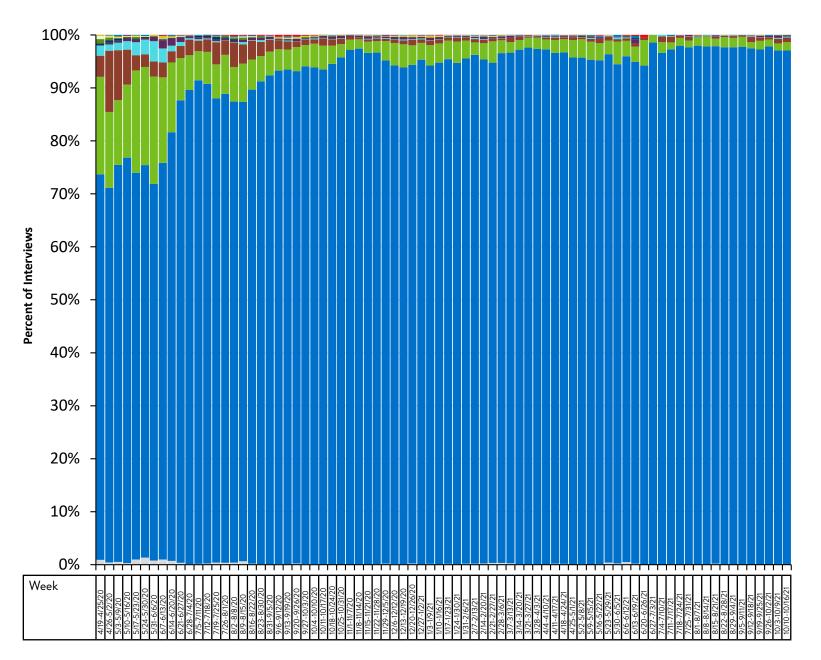
VBT Cases among Health Care Workers (Archived)

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.

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.

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. 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.

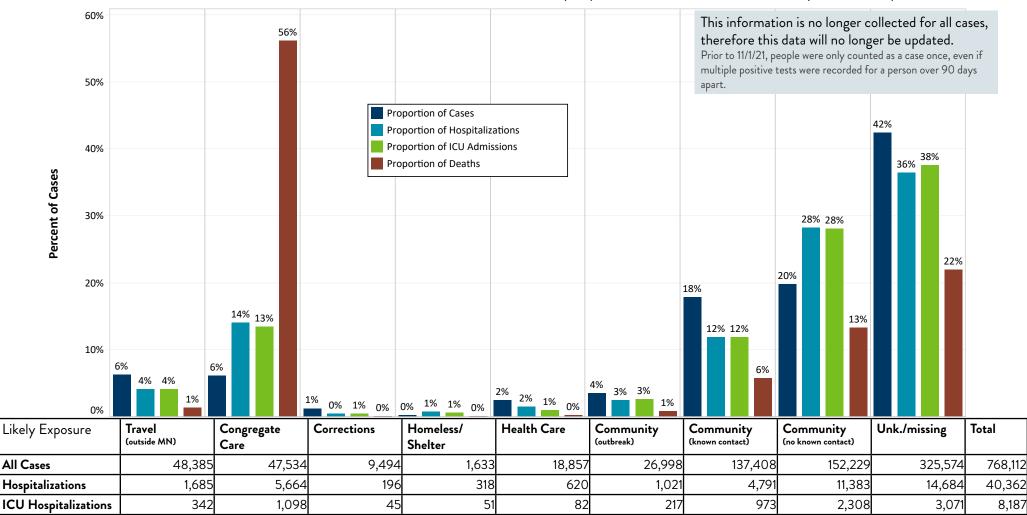
Percent of Interviews by Language and Week Spanish Language Interviews Somali Language Interviews Hmong Language Interviews by Week and County by Week and County by Week and County Week Week 38: English 97.1% 9/19-9/25/21 1.6% Spanish 0.6% Somali 0.3% Hmong 0.0% Karen 0.0% Oromo 0.0% Vietnamese 0.2% Other Week 39: 97.8% 9/26-10/2/21 English 1.3% Spanish Somali 0.4% Hmong 0.3% 0.0% Karen 0.1% Other Week 40: English 97.0% 10/3-10/9/21 1.3% Spanish 0.9% Somali 0.4% Hmong 0.2% Karen 0.1% Oromo 0.1% Amharic 0.1% Other 0% or no interviews 0% or no interviews >75% to 100% 0% or no interviews >0 to 25% >0 to 10% >0 to 10%

>10% to 25%

>25% to 50%

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.

25

69

467

1.095

15

Travel: Case traveled outside of Minnesota in the 2 weeks before illness.

Deaths

117

4.901

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.

14

- 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.

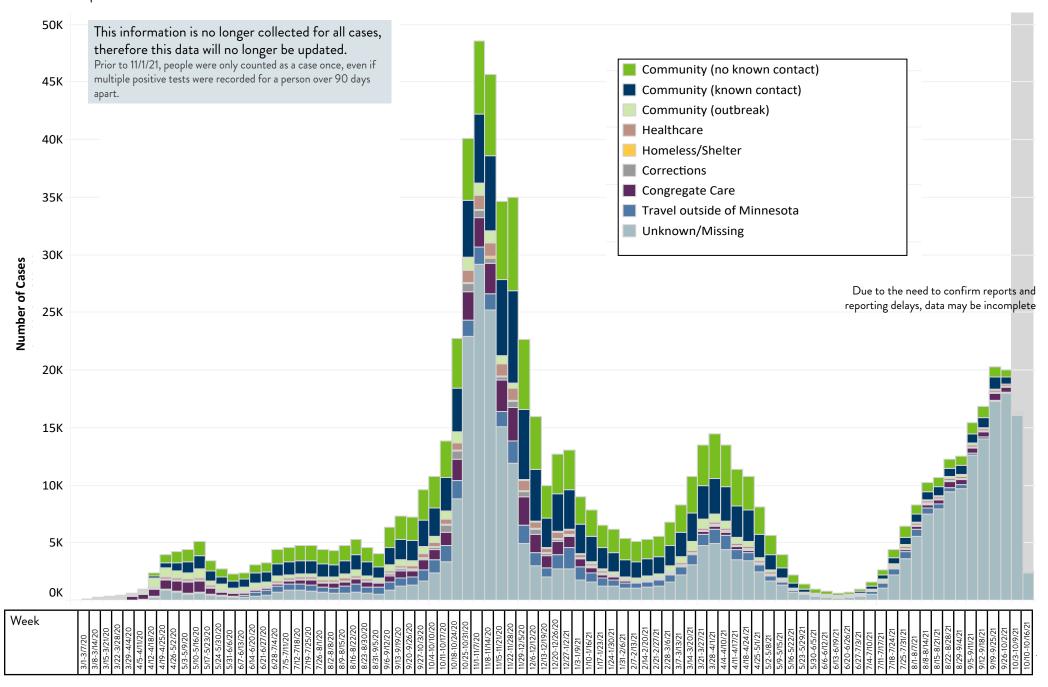
Minnesota Department of Health Weekly COVID-19 Report: Updated 10/21/2021 with data current as of 4 a.m. the previous day unless specifically noted.

8,515

1.812

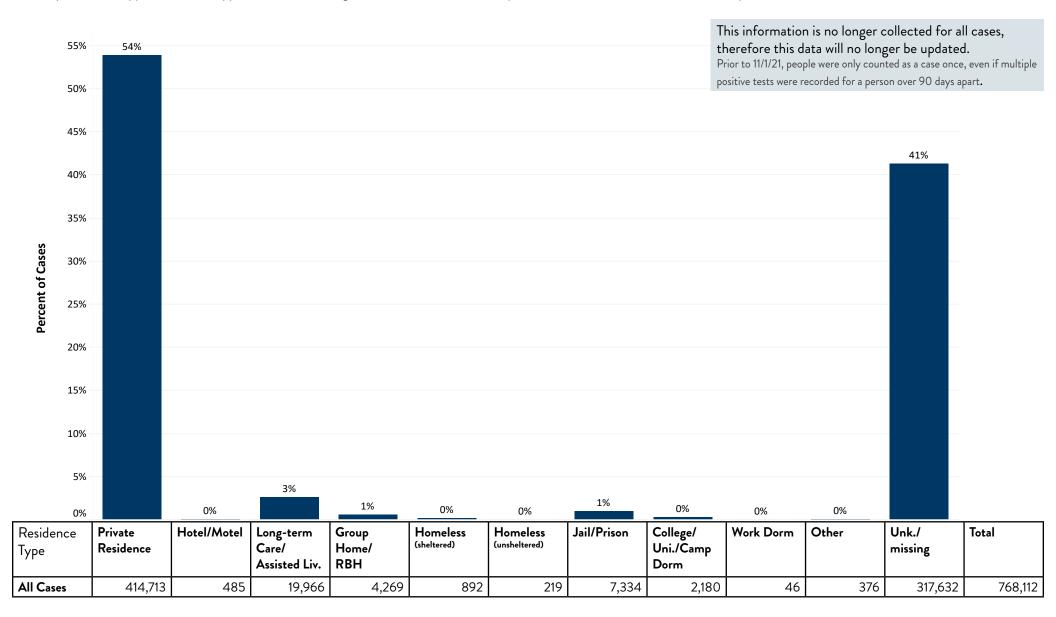
Cases by Likely Exposure and Specimen Collection Date (Archived)

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.



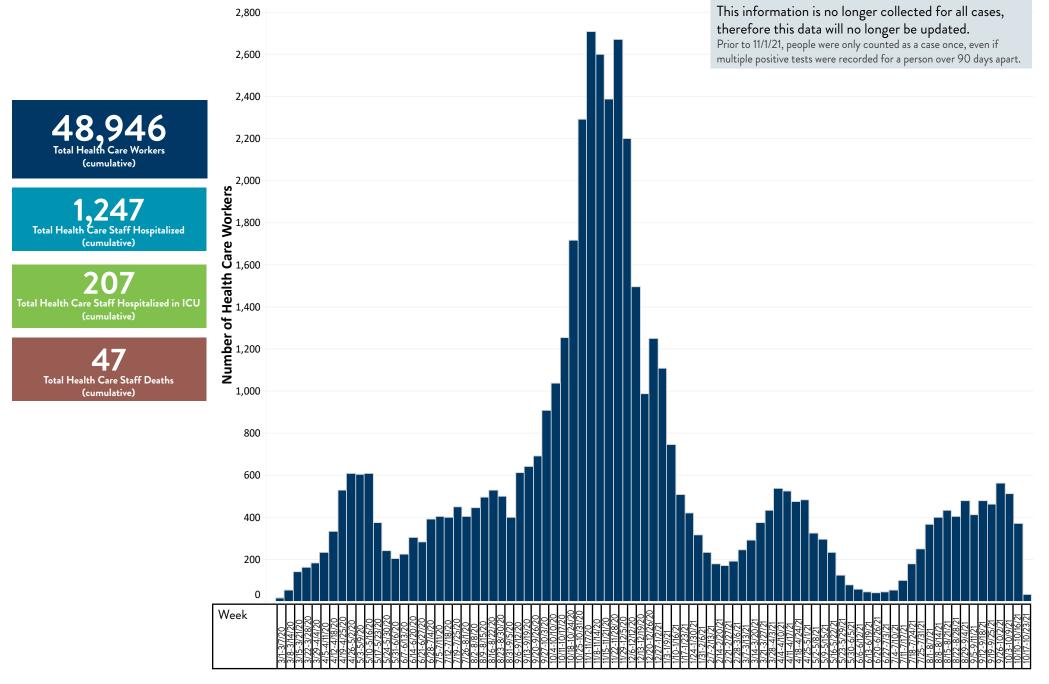
Residence Type (Archived)

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



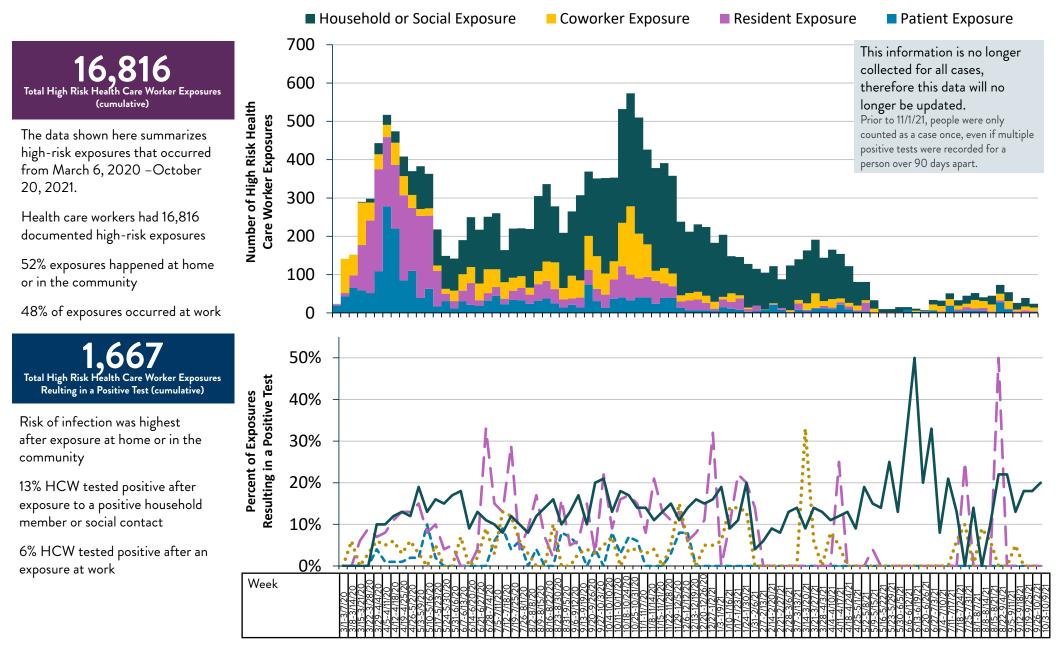
Cases among Health Care Workers (Archived)

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.



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.

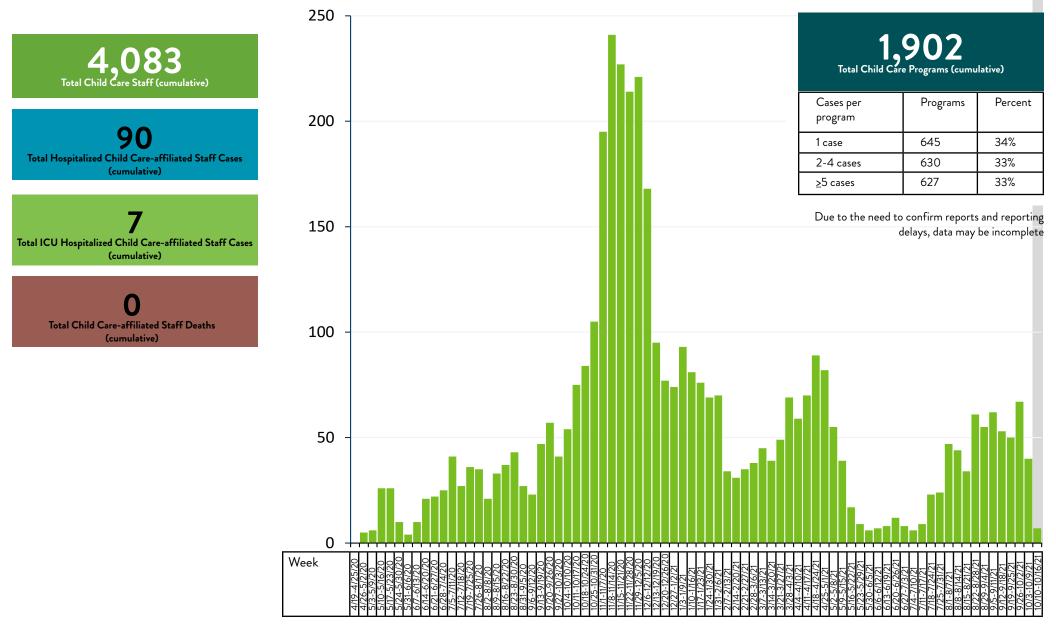


Staff with Potential Exposure in Child Care Settings (Archived)

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.

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.

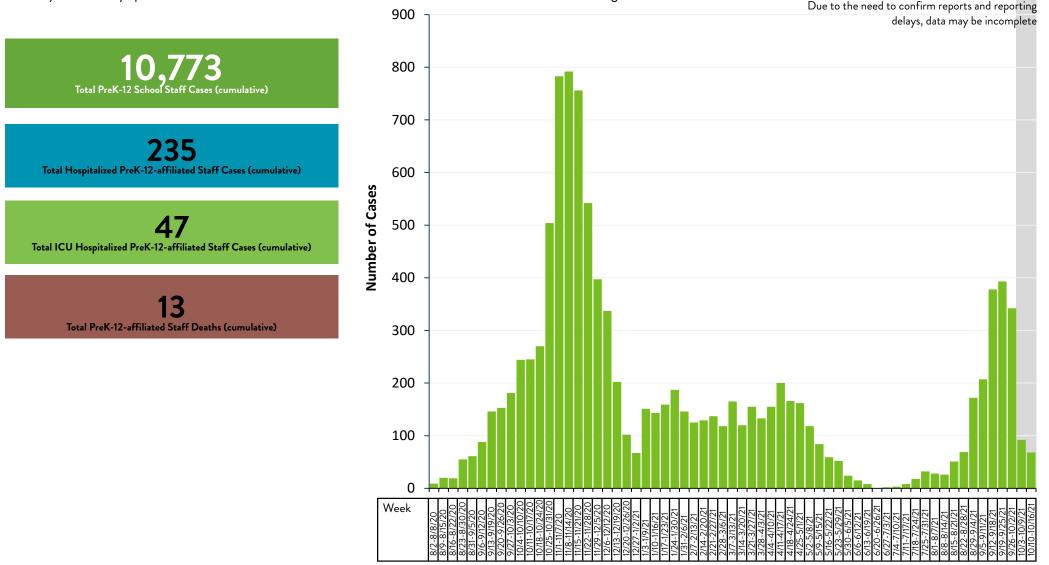


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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.

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

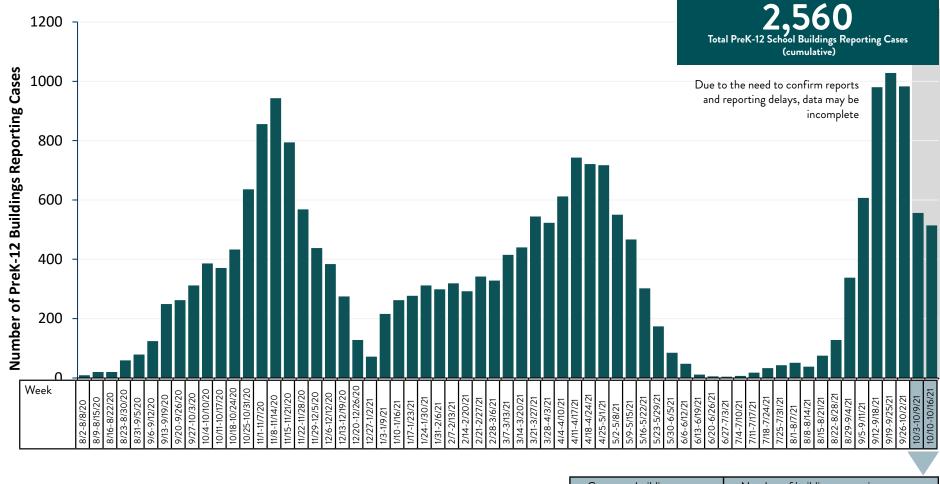


PreK-12 School Buildings Reporting Cases (Archived)

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.

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.



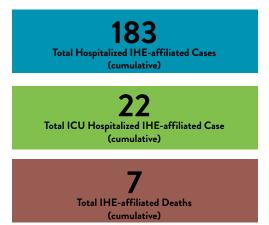
Cases per building	Number of buildings reporting cases 10/3-10/16/21			
1 case	405			
2-4 cases	324			
≥5 cases	99			
Total	828			

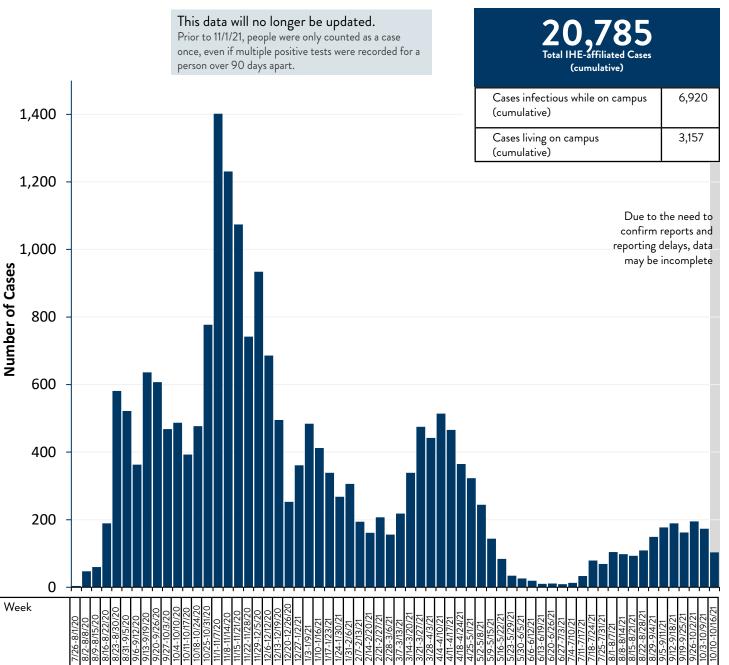
A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the <u>Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)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

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.



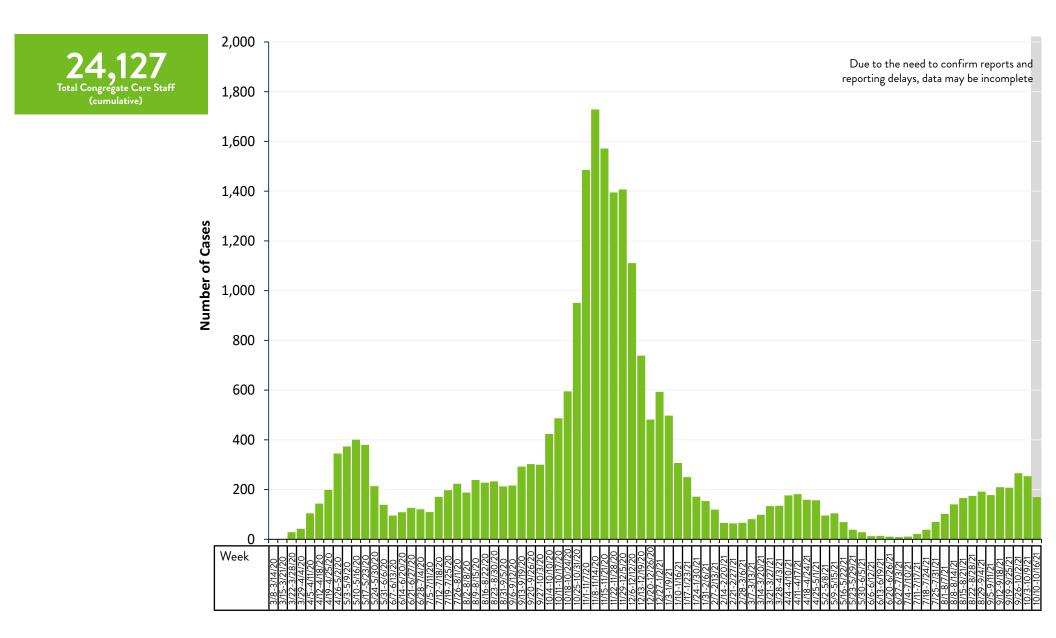


Staff Cases Associated with Congregate Care Settings (Archived)

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.

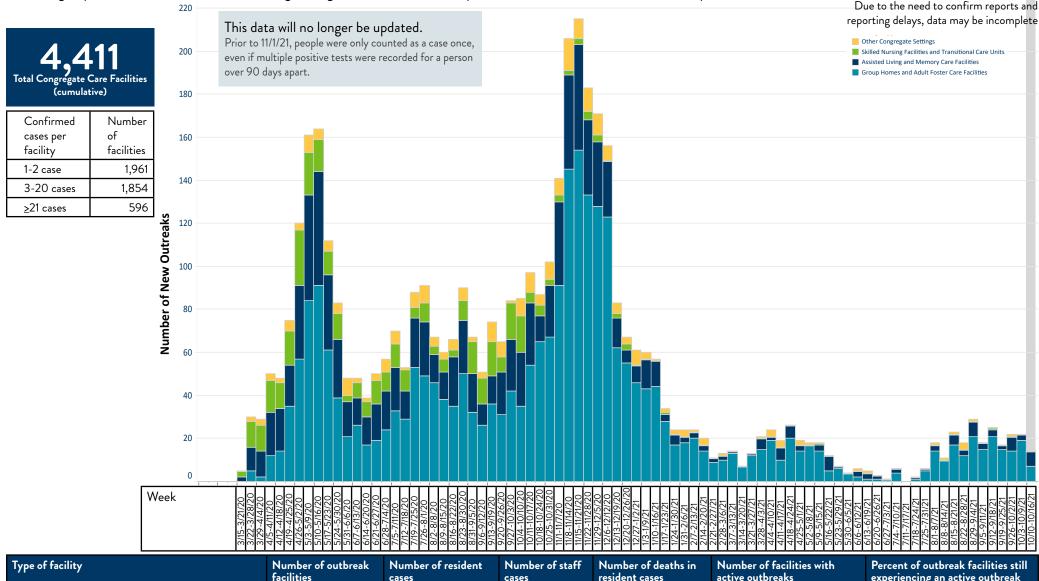
This information is no longer collected for staff in Congregate Care Settings.

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.



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: <u>COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)</u>