### Minnesota Department of Health

# WEEKLY COVID-19 REPORT 11/11/2021

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

- Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) updated daily at 11 a.m.
- Coronavirus Disease 2019 (COVID-19) (https://www.cdc.gov/coronavirus/2019-nCoV/)
- Neighboring states' COVID-19 information:
  - Wisconsin: COVID-19 (Coronavirus Disease) (https://www.dhs.wisconsin.gov/covid-19/)
  - Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
  - North Dakota: Coronavirus (https://www.health.nd.gov/diseases-conditions/coronavirus/)
  - South Dakota: Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)

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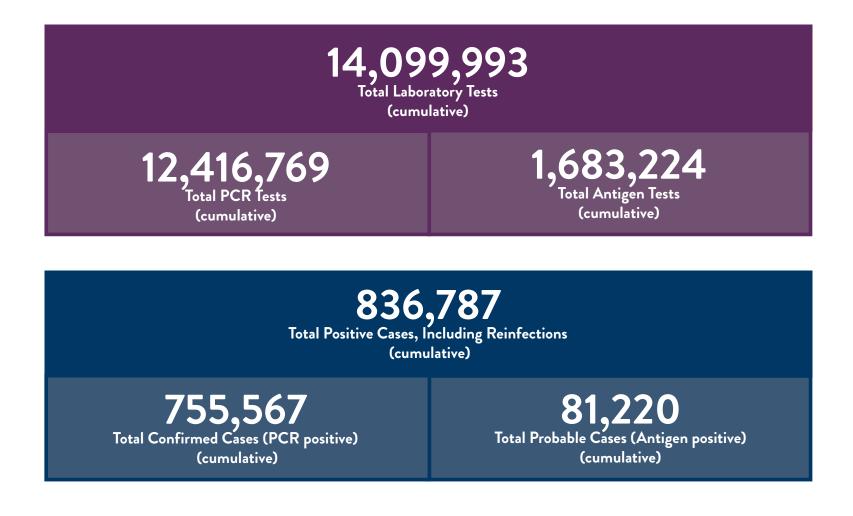
### About Minnesota COVID-19 Data

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

#### DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

# **COVID-19 Overview Summary**

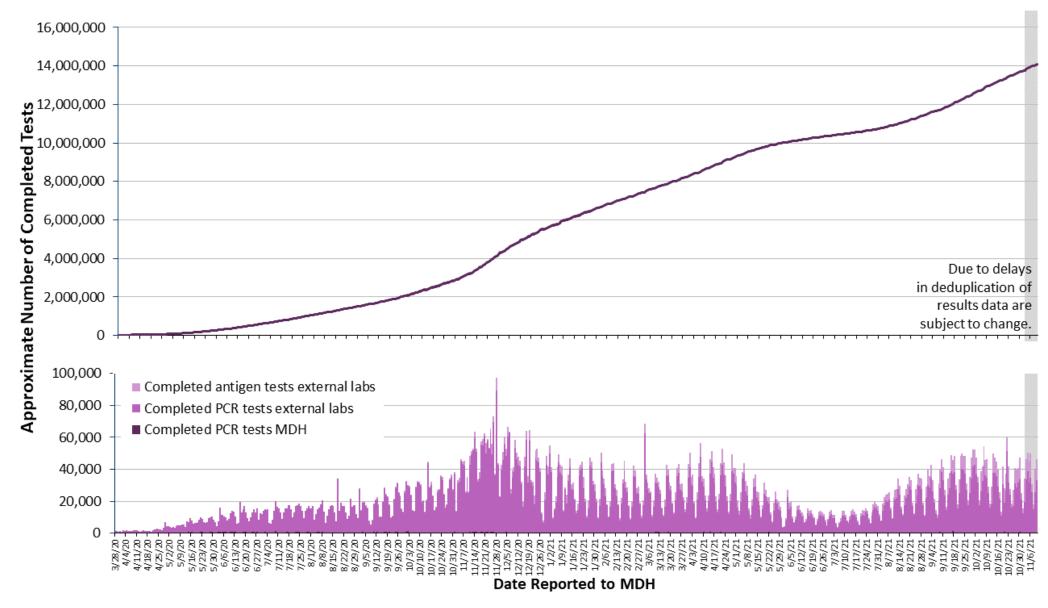


42,831 Total Hospitalizations (cumulative) total ICU Hospitalizations (cumulative) total ICU Hospitalizations (cumulative) total Deaths (cumulative) total Deaths (cumulative) total No Longer Needing Isolation (cumulative)

# Laboratory Tests for COVID-19



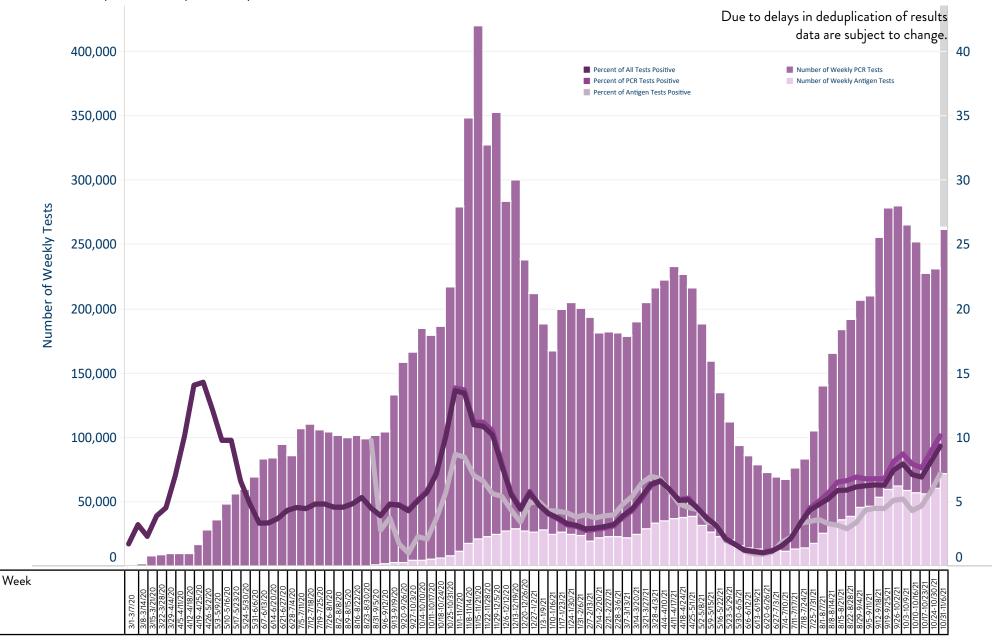
Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported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



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

### 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.



Page 5

### Laboratory Test Rates by County of Residence

**24,952** tests per 10,000 people statewide

Number of Tests

51.669

84,877

52,091

62.430

82.280

103,057

18,906

84.737

39,588

19,533

373,373

151,034

21,245

53,045

23,375

64,670

28,440

1,325,681

5,770

37.454

40.542

238,993

26,693

32.723

307,964

243,661

31,822

Cumulative Rate

25.881

23,692

22,571

24.265

24.972

26,023

22,634

25.083

18,127

29,780

24,393

26,044

14,978

18,210

25,449

20,471

25,902

24,482

14,396

24.430

27.540

36,340

28,358

21.163

21,480

26,135

21,340

Number of Tests

29.495

750,125

County Aitkin

Anoka

Cumulative Rate

18.628

21,591

County

Martin

McLeod

Meeker

Mille Lacs

Morrisor

Mower

Murray

Nicollet

Nobles

Norman

Olmsted

Otter Tai

Pine

Polk

Pope

Ramsey

Red Lake

Redwood

Renville

Rice

Rock

Roseau

Scott

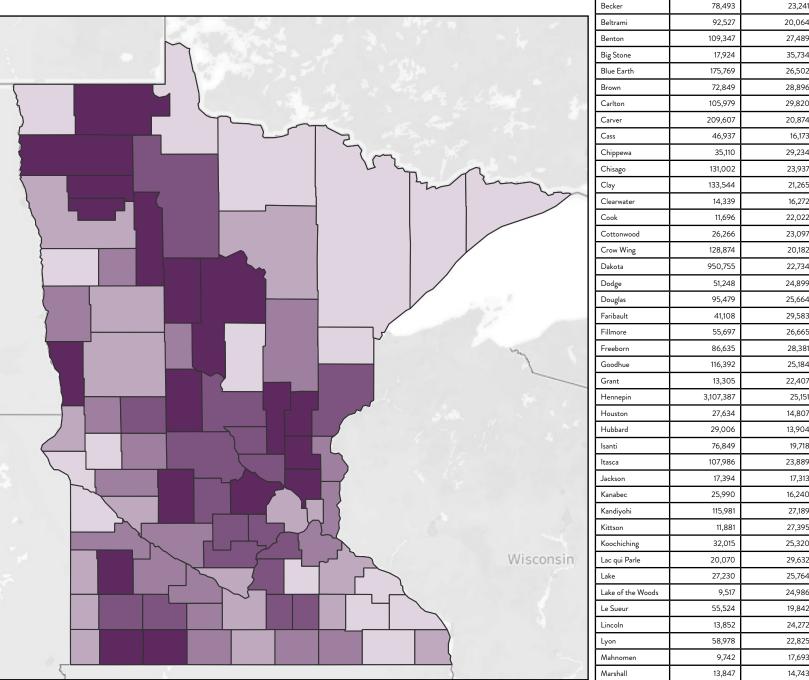
Sherburn

Sibley

Pennington

Pipestone

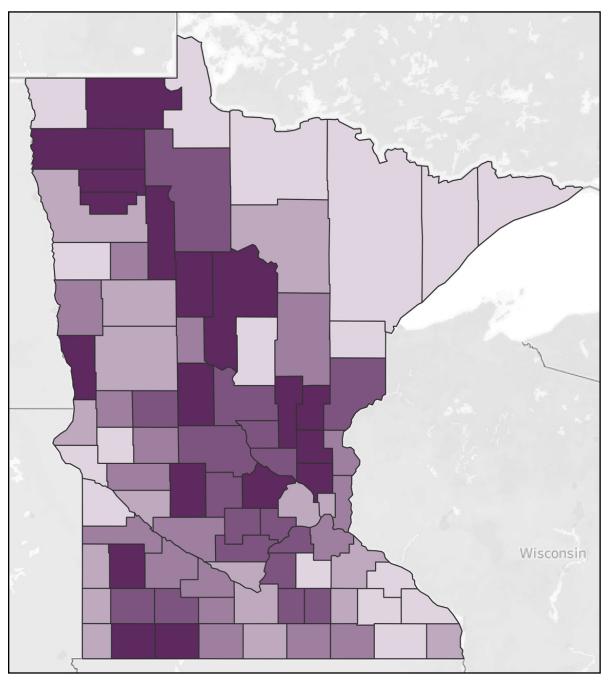
Cumulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories reporting both positive and negative results are included.



14,807 St. Louis 511,048 25,542 13,904 387.508 24,711 Stearns 24,289 19,718 Steele 89,083 23,889 25,881 26,452 Stevens 17,313 Swift 24,124 25,634 44,363 16,240 Todd 18,152 27,189 8,990 26,940 Traverse 27,395 Wabasha 61,730 28,712 32,772 25,320 Wadena 44,721 29,632 45,336 24,103 Waseca 25,764 Washington 614,617 24,263 24,986 26,037 23,728 Watonwa 19,842 Wilkin 11,070 17,452 24,272 Winona 137,916 27,124 267,395 20,144 22,825 Wright 17,693 Yellow Medicine 25,137 25,473 519.903 14,743 Unknown/missing Page 6

### 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.

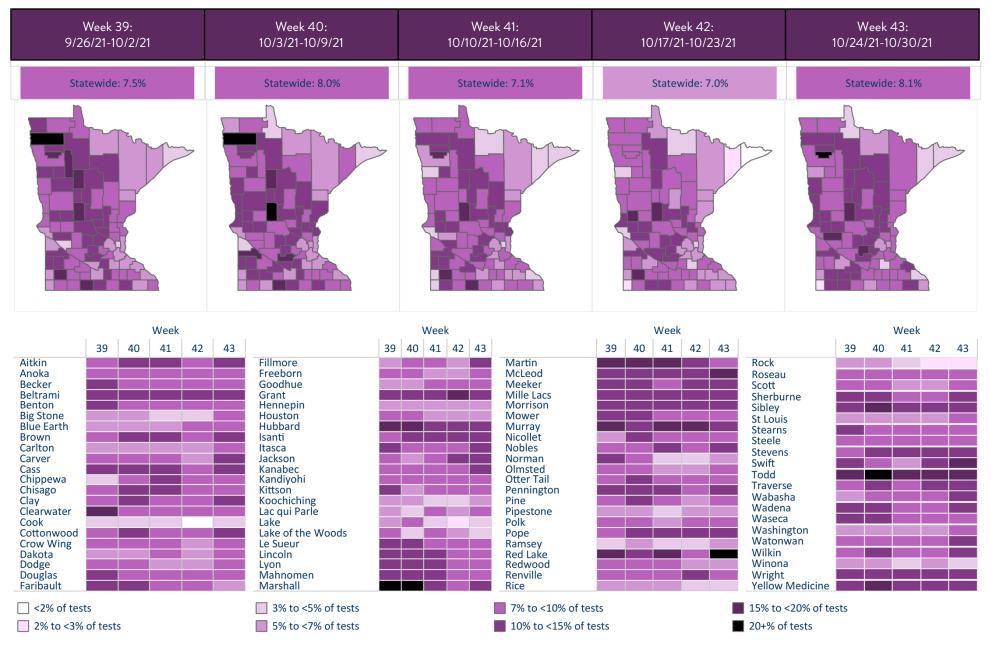


			<b>2%</b> vide (cumulative)				
County	% Positive	County	% Positive				
Aitkin	6.6%	Martin	6.7%				
Anoka	7.9%	McLeod	7.8%				
Becker	5.5%	Meeker	7.4%				
Beltrami	7.7%	Mille Lacs	7.9%				
Benton	7.3%	Morrison	7.3%				
Big Stone	4.5%	Mower	6.6%				
Blue Earth	5.9%	Murray	7.6%				
Brown	6.3%	Nicollet	5.7%				
Carlton	4.4%	Nobles	12.4%				
Carver	7.0%	Norman	4.1%				
Cass	7.9%	Olmsted	5.3%				
Chippewa	5.8%	Otter Tail	5.5%				
Chisago	6.9%	Pennington	8.6%				
Clay	6.4%	Pine	7.7%				
Clearwater	9.2%	Pipestone	6.0%				
Cook	2.5%	Polk	5.7%				
Cottonwood	7.8%	Pope	6.1%				
Crow Wing	5.5%	Ramsey	5.6%				
Dakota	6.8%	, Red Lake	9.3%				
Dodge	5.8%	Redwood	6.8%				
Douglas	7.3%	Renville	6.1%				
Faribault	5.8%	Rice	4.4%				
Fillmore	4.9%	Rock	5.5%				
Freeborn	6.2%	Roseau	8.8%				
Goodhue	5.9%	Scott	7.4%				
Grant	6.5%	Sherburne	7.6%				
Hennepin	5.7%	Sibley	7.2%				
Houston	6.0%	, St. Louis	4.7%				
Hubbard	7.9%	Stearns	7.8%				
Isanti	8.0%	Steele	7.1%				
ltasca	5.9%	Stevens	5.3%				
Jackson	8.6%	Swift	6.5%				
Kanabec	8.4%	Todd	9.2%				
Kandiyohi	7.8%	Traverse	5.6%				
Kittson	5.4%	Wabasha	5.4%				
Koochiching	4.6%	Wadena	6.6%				
Lac qui Parle	5.1%	Waseca	7.7%				
Lake	4.5%	Washington	6.4%				
Lake of the Woods	5.3%	Watonwan	6.8%				
Le Sueur	7.1%	Wilkin	8.1%				
Lincoln	5.6%	Winona	4.6%				
Lyon	8.5%	Wright	8.3%				
Mahnomen	6.5%	Yellow Medicine	6.4%				
Marshall	10.0%	Unknown/missing	3.3%				

6 2%

## Weekly Percent of Tests Positive by County of Residence

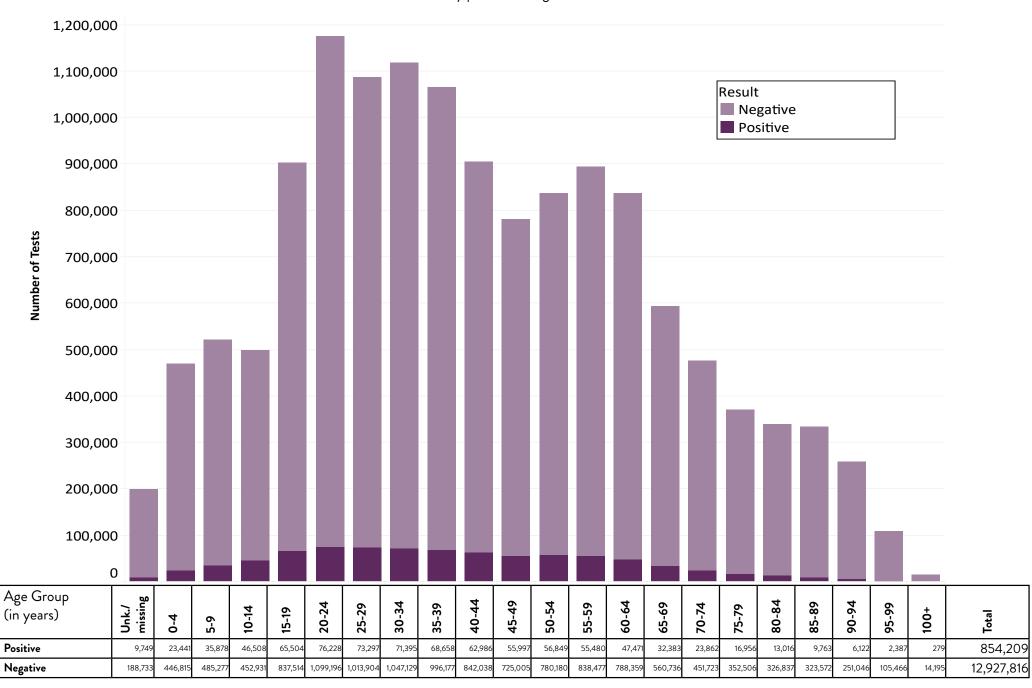
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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



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

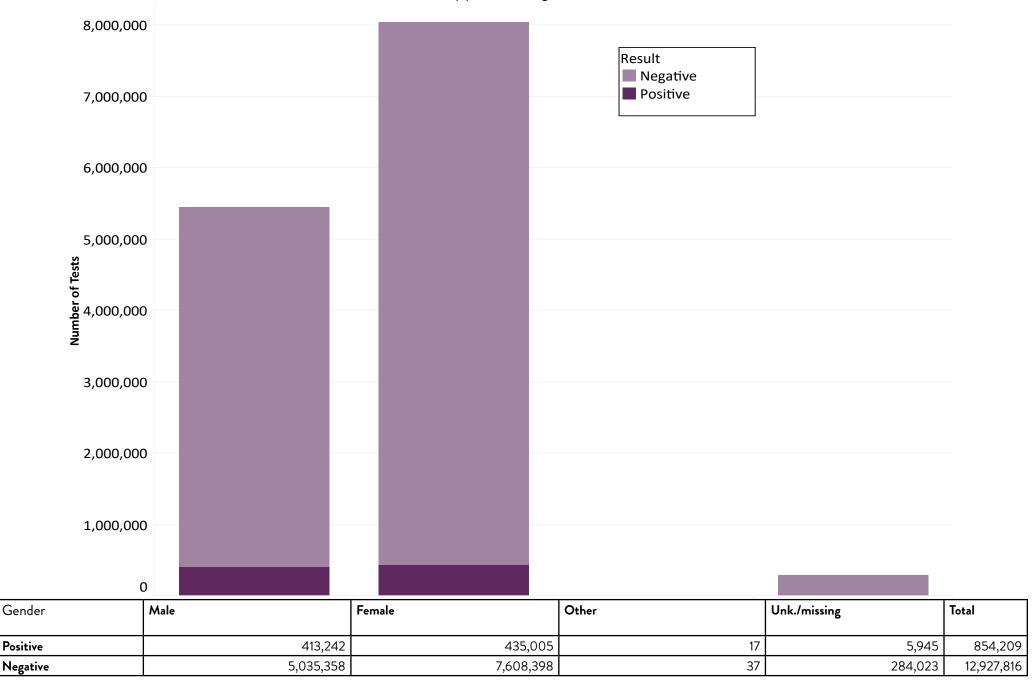
# **Testing Demographics: Age**

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



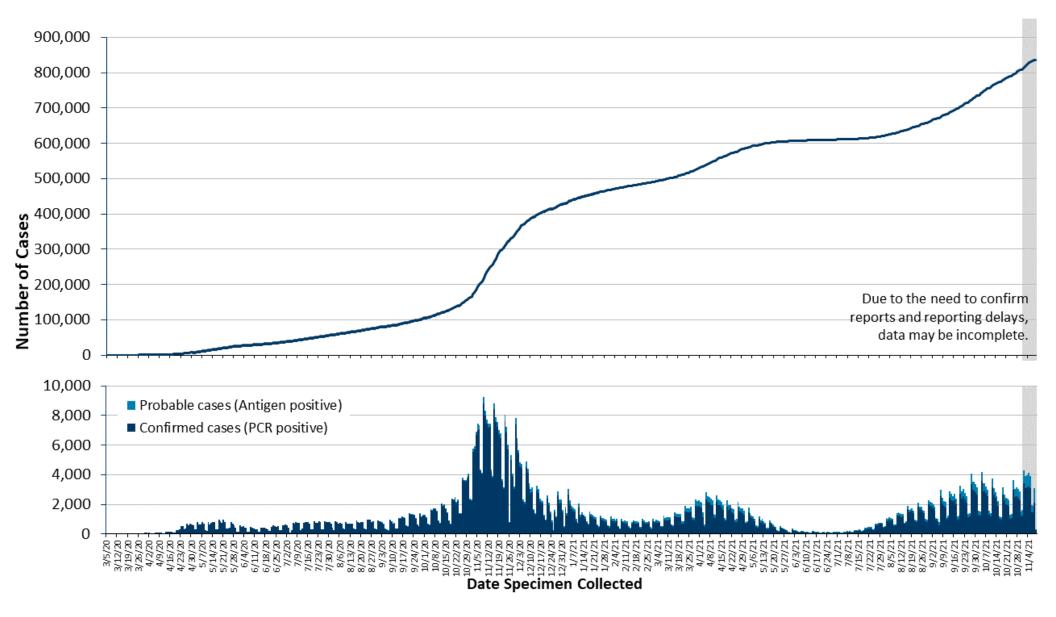
### **Testing Demographics: Gender**

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



# **Positive COVID-19 Cases**

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



including Reinfections

(cumulative)

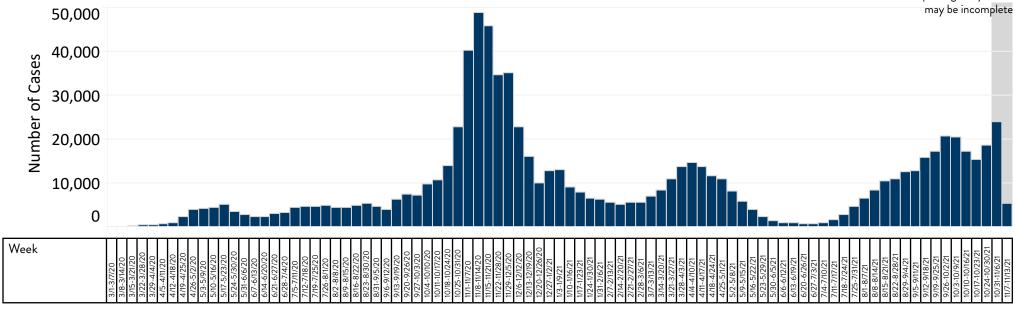
Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

# New Cases by Week, 7-Day Average

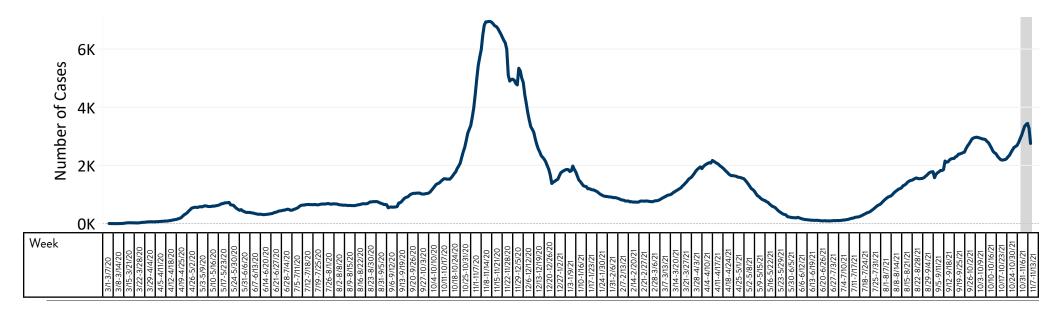
Cases by week of specimen collection date, and 7-day moving average of new cases.

#### New Cases by Week of Specimen Collection

Due to the need to confirm reports and reporting delays, data

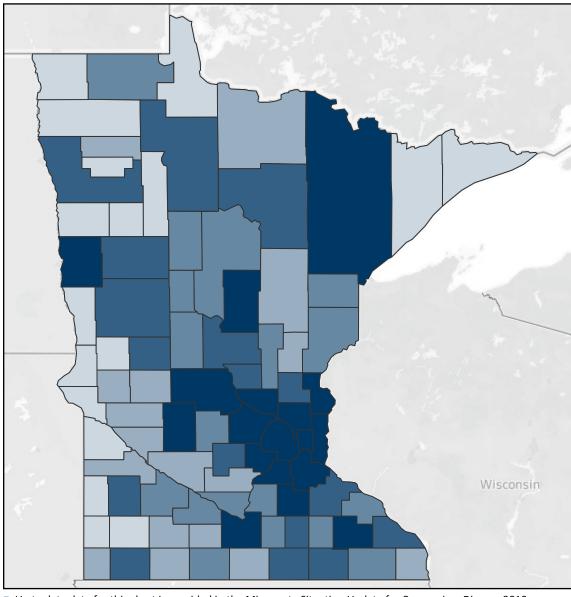


#### Seven Day Moving Average of New Cases



# **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.



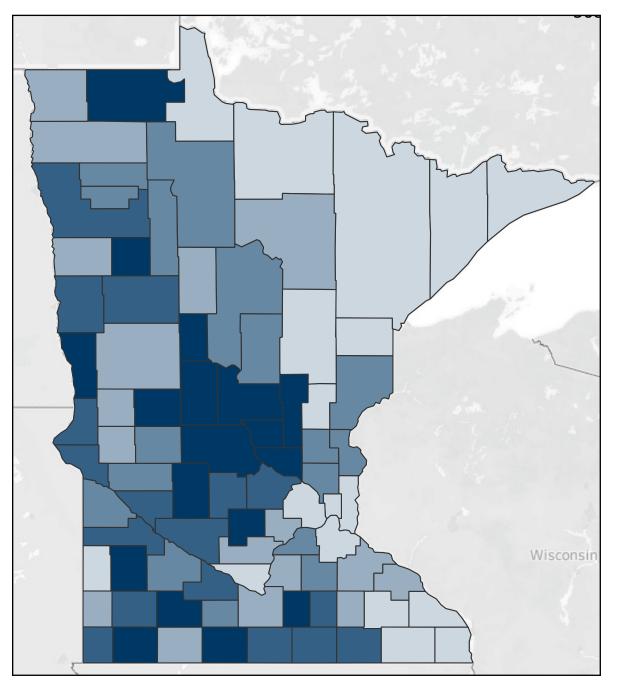
• Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019
(COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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)

County     C       Aitkin     I       Anoka     I       Becker     I       Beltrami     I       Benton     I       Big Stone     I       Blue Earth     I       Brown     I       Carlton     I       Carver     I       Chippewa     I       Clay     I       Cook     I       Corow Wing     I       Dakota     I       Douglas     I       Faribault     I       Freeborn     I	2,025 58,364 5,886 7,473	Cases no longer needing isolation 1,901 55,961	County	leeding Isolatio Cases	Cases no longer
Anoka       Image: Store         Beltrami       Image: Store         Big Stone       Image: Store         Big Stone       Image: Store         Big Stone       Image: Store         Big Stone       Image: Store         Brown       Image: Store         Carlton       Image: Store         Carver       Image: Store         Cass       Image: Store         Chippewa       Image: Store         Clay       Image: Store         Clay       Image: Store         Cook       Image: Store         Cottonwood       Image: Store         Dakota       Image: Store         Douglas       Image: Store         Faribault       Image: Store	58,364 5,886				needing isolatio
Becker Secker Se	5,886	55 041	Martin	3,579	3,41
Beltrami     Image: Stone       Big Stone     Image: Stone       Big Stone     Image: Stone       Brown     Image: Stone       Carlton     Image: Stone       Carlton     Image: Stone       Carver     Image: Stone       Carver     Image: Stone       Chisago     Image: Stone       Clay     Image: Stone       Clearwater     Image: Stone       Cook     Image: Stone       Coow Wing     Image: Stone       Dakota     Image: Stone       Douglas     Image: Stone       Faribault     Image: Stone		55,901	McLeod	6,543	6,24
Benton Benton Big Stone Big Stone Big Stone Big Stone Carver Carver Cass Chippewa Chisago Clay Clearwater Cook Cottonwood Cottonwood Cottonwood Corow Wing Dakota Dodge Douglas Faribault Fillmore State Carver Carv	7,473	5,588	Meeker	3,947	3,72
Big Stone     Image: Stone       Blue Earth     Image: Stone       Brown     Image: Stone       Carlton     Image: Stone       Carver     Image: Stone       Cass     Image: Stone       Chippewa     Image: Stone       Chisago     Image: Stone       Clay     Image: Stone       Clearwater     Image: Stone       Cook     Image: Stone       Cottonwood     Image: Stone       Dakota     Image: Stone       Douglas     Image: Stone       Faribault     Image: Stone		6,975	Mille Lacs	4,716	4,4
Blue Earth Brown Carlton Carlton Carver Cass Chippewa Chisago Clay Clay Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Fillmore Education Carbon Carb	8,202	7,771	Morrison	6,238	5,90
Brown Carlton Carlton Carlton Carlton Carver Cass Chippewa Chisago Clay Clay Clearwater Cook Cottonwood Cottonwood Crow Wing Dakota Dodge Couglas Faribault Fillmore Carlton Carlton Conton Conton Conton Conton Carlton Carlt	890	841	Mower	6,928	6,72
Carlton Carver Carver Cass Chippewa Chisago Clay Clarwater Cook Cottonwood Cook Cottonwood Crow Wing Dakota Dodge Couglas Faribault Fillmore Carve Cook Cook Cook Cook Cook Cook Cook Coo	10,491	10,061	Murray	1,451	1,4
Carver Carver Carver Carver Carver Carver Carver Chippewa Chisago Clay Clearwater Cook Cottonwood Cottonwood Corow Wing Dakota Douglas Faribault Fillmore Fillmore Carver	4,451	4,273	Nicollet	4,739	4,5
Cass Cass Chippewa Chisago Clay Clearwater Cook Cottonwood Cook Corow Wing Dakota Dodge Douglas Faribault Fillmore Cook Corow Chipothe Cook Contonwood Cook Cook Cook Cook Cook Cook Cook C	4,906	4,646	Nobles	5,091	4,9
Chippewa Chisago Clay Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Fillmore	14,962	14,300	Norman	972	92
Chisago Clay Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Fillmore	4,629	4,434	Olmsted	19,981	19,0
Chisago Clay Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Fillmore	2,053	1,966	Otter Tail	9,007	8,47
Clay Clearwater Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Fillmore Education Content of the second sec	9,111	8,720	Pennington	2,298	2,2
Clearwater Cook Cottonwood Dakota Dodge Douglas Faribault Fillmore Education Content of the cont	11,207	10,677	Pine	4,639	4,45
Cook Cottonwood Cottonwood Cow Wing Dakota Dodge Douglas Faribault Fillmore Cook Cook Cook Cook Cook Cook Cook Coo	1,459	1,404	Pipestone	1,426	1,34
Crow Wing Dakota Dodge Douglas Faribault Fillmore Douglas	270	254	Polk	5,611	5,3
Crow Wing Dakota Dodge Douglas Faribault Fillmore Douglas	2,124	2,036	Pope	1,858	1,72
Dakota Dodge Douglas Faribault Fillmore	10,445	9,982	Ramsey	68,049	64,9
Dodge Dodge Faribault Fillmore	61,538	59,002	Red Lake	662	60
Douglas Faribault Fillmore	3,092	2,866	Redwood	2,606	2,4
Faribault	7,079	6,618	Renville	2,500	2,3
Fillmore	2,379	2,281	Rice	10,575	10,20
	2,746	2,201	Rock	1,687	1,6
Freeborn	5,223	5,038	Roseau	2,878	2,7
Goodhue			Scott		
	7,023	6,517		23,388	22,3
Grant	888	844	Sherburne	16,963	16,1
Hennepin	164,792	157,993	Sibley	2,320	2,23
Houston	2,495	2,401	St. Louis	26,367	24,83
Hubbard	3,251	3,045	Stearns	30,823	29,5
Isanti	6,334	6,016	Steele	6,284	6,09
ltasca	6,959	6,498	Stevens	1,473	1,33
Jackson	1,546	1,508	Swift	1,548	1,44
Kanabec	2,165	2,005	Todd	4,515	4,2
Kandiyohi	9,141	8,742	Traverse	575	5.
Kittson	656	612	Wabasha	3,383	3,2
Koochiching	1,519	1,426	Wadena	2,779	2,5
Lac qui Parle	1,109	1,037	Waseca	3,473	3,37
Lake	1,193	1,128	Washington	36,589	34,8
Lake of the Woods	500	493	Watonwan	1,855	1,78
Le Sueur	4,181	3,993	Wilkin	1,139	1,08
Lincoln	844	811	Winona	6,596	6,3
Lyon	4,929	4,720	Wright	23,472	22,30
Mahnomen	988	940	Yellow Medicine	1,723	1,65

### 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	1,279	Martin	1,793
Anoka	1,680	McLeod	1,826
Becker	1,743	Meeker	1,710
Beltrami	1,620	Mille Lacs	1,833
Benton	2,062	Morrison	1,893
Big Stone	1,774	Mower	1,749
Blue Earth	1,582	Murray	1,737
Brown	1,765	Nicollet	1,403
Carlton	1,380	Nobles	2,331
Carver	1,490	Norman	1,482
Cass	1,595	Olmsted	1,305
Chippewa	1,709	Otter Tail	1,553
Chisago	1,665	Pennington	1,620
Clay	1,785	Pine	1,593
Clearwater	1,656	Pipestone	1,553
Cook	508	Polk	1,776
Cottonwood	1,868	Pope	1,692
Crow Wing	1,636	Ramsey	1,257
Dakota	1,471	Red Lake	1,652
Dodge	1,502	Redwood	1,700
Douglas	1,903	Renville	1,713
Faribault	1,712	Rice	1,608
Fillmore	1,315	Rock	1,792
Freeborn	1,711	Roseau	1,861
Goodhue	1,520	Scott	1,631
Grant	1,495	Sherburne	1,819
Hennepin	1,334	Sibley	1,556
Houston	1,337	St. Louis	1,318
Hubbard	1,558	Stearns	1,966
Isanti	1,625	Steele	1,713
ltasca	1,539	Stevens	1,506
Jackson	1,539	Swift	1,645
Kanabec	1,353	Todd	1,847
Kandiyohi	2,143	Traverse	1,723
Kittson	1,513	Wabasha	1,573
Koochiching	1,201	Wadena	2,036
Lac qui Parle	1,637	Waseca	1,846
Lake	1,129	Washington	1,444
Lake of the Woods	1,313	Watonwan	1,691
Le Sueur	1,494	Wilkin	1,796
Lincoln	1,479	Winona	1,297
Lyon	1,908	Wright	1,768
Mahnomen	1,794	Yellow Medicine	1,746
Marshall	1,534		

**1,514** cases per 10,000 people

# 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.

	Week 39: 6/21-10/2				Week 40: 10/3/21-10/9/21			1	We 0/10/2	ek 41 21-10/				Weel 17/21-						Veek 4 ./21-1(	43: 0/30/:	21	
Statewide 37.4					Statewide 36.9			Statewide 30.9					Statewide 27.9						Statewide 33.7				
	39 40	Week 41	42	43		39	40	Week 41	42 43	3		39	1 1	Veek 41	42	43			39	40	Week 41	42	43
Aitkin Anoka Becker Beltrami Benton Big Stone Blue Earth Brown Carlton Carver Cass Chippewa Chisago Clay Clearwater Cook Cottonwood Crow Wing Dakota Dodge Douglas Faribault Cases Per 10,00		Image: state		>0 to <	Fillmore Freeborn Goodhue Grant Hennepin Houston Hubbard Isanti Itasca Jackson Kanabec Kandiyohi Kittson Koochiching Lac qui Parle Lake Lake of the Woods Le Sueur Lincoln Lyon Mahnomen Marshall			L5 to <			Martin McLeod Meeker Mille Lacs Morrison Mower Murray Nicollet Nobles Norman Olmsted Otter Tail Pennington Pine Pipestone Polk Pope Ramsey Red Lake Redwood Renville Rice		50+				Rock Roseau Scott Sherburne Sibley St Louis Stearns Steele Stevens Swift Todd Traverse Wabasha Wadena Waseca Washingt Watonwa Wilkin Winona Wright Yellow Me	on n					

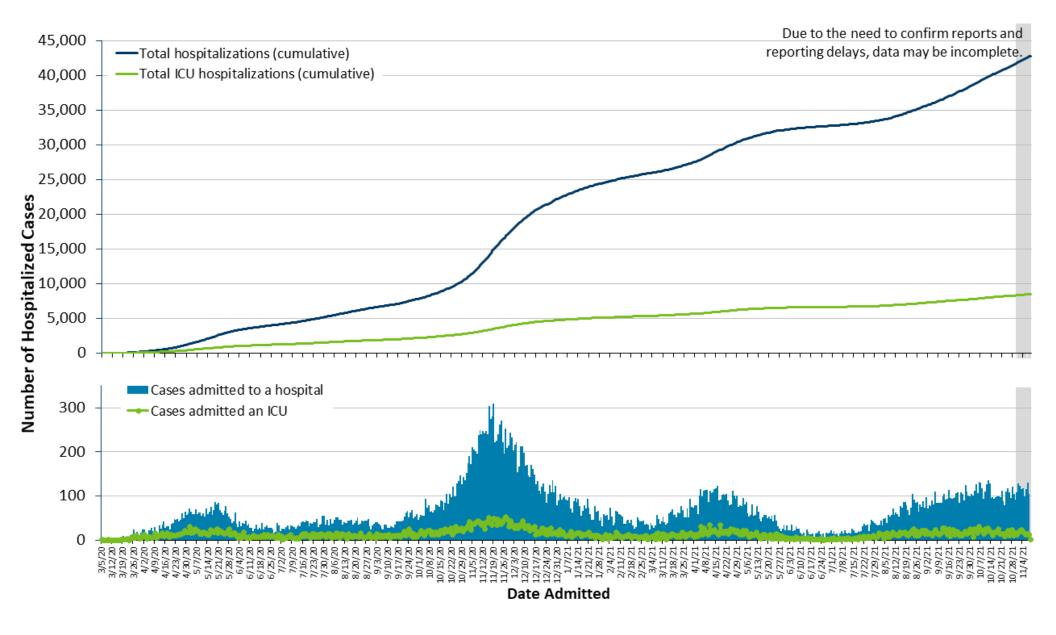
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

# Hospitalizations, ICU Hospitalizations

42,831 Total Hospitalizations (cumulative)

8,626 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.

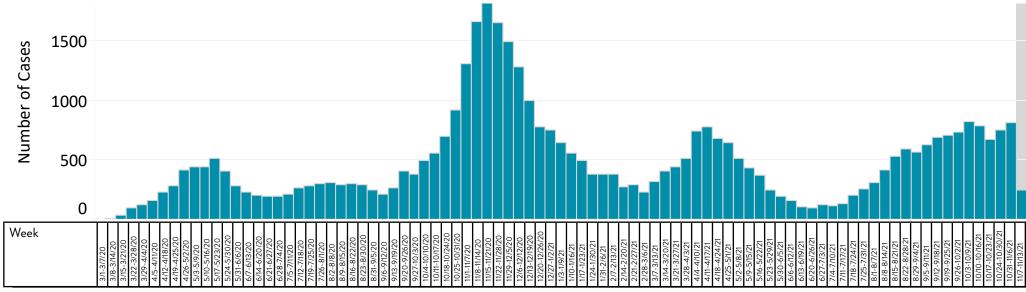


Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

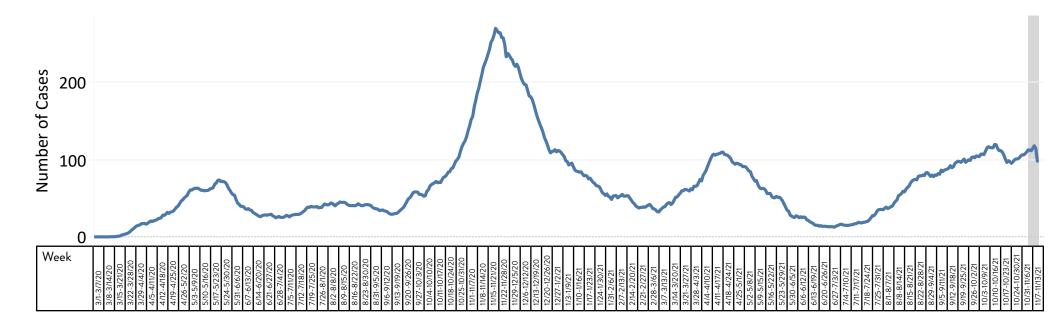
# Hospitalizations by Week, 7-Day Average

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

#### New Hospitalization by Week First Hospital Admission



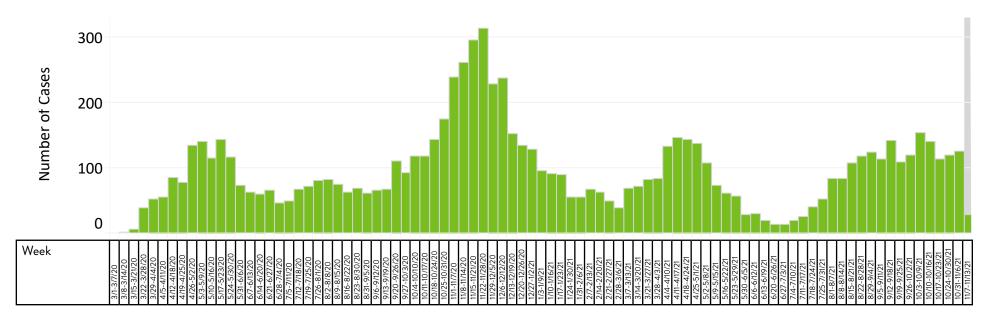
Seven Day Moving Average of New Hospitalizations



# ICU Hospitalizations by Week, 7-Day Average

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

#### New ICU Hospitalizations by Week of First ICU Hospital Admission



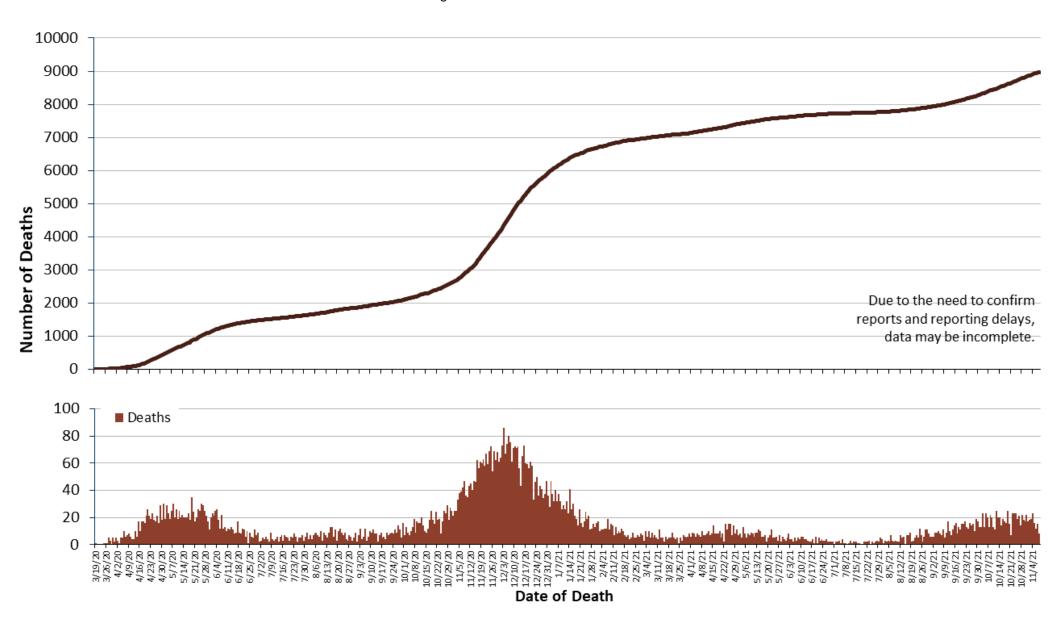
#### Seven Day Moving Average of New ICU Hospitalizations



# **COVID-19 Deaths**



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

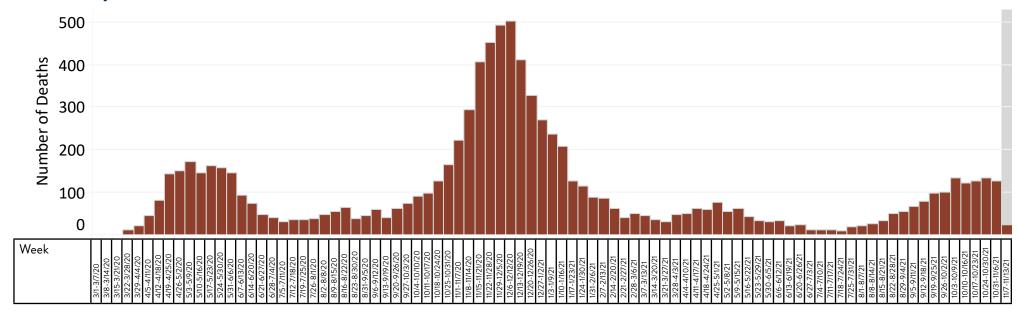


Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: <u>Minnesota Situation Update for Coronavirus Disease</u> 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

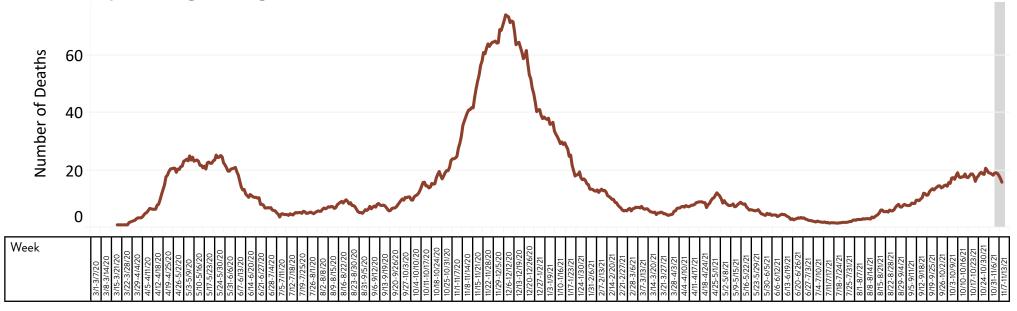
# Deaths by Week, 7-Day Average

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

#### Deaths by Week of Death

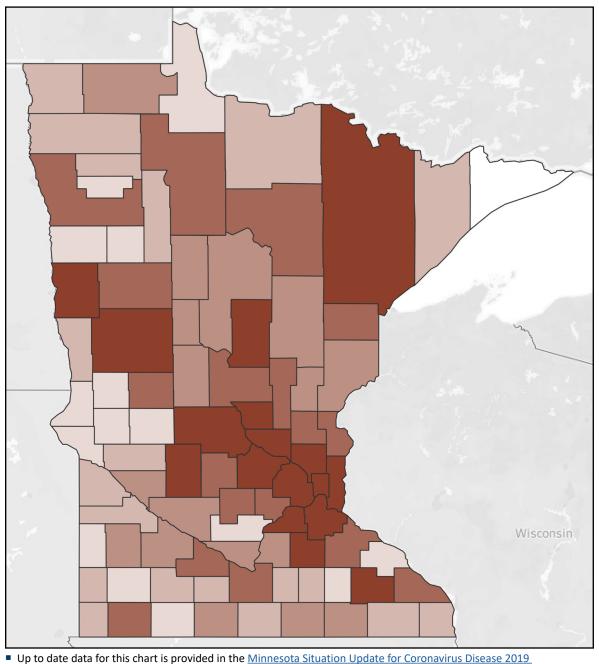


#### Seven Day Moving Average of Deaths



### Deaths by County of Residence

Cumulative number of deaths by county of residence.



(COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

County Deaths County Deaths Aitkin 46 Martin 42 544 81 Anoka McLeod Becker 69 Meeker 55 Beltrami 86 Mille Lacs 68 Benton 117 Morrison 74 46 Big Stone 5 Mower Blue Earth 64 Murray 11 Brown 55 Nicollet 57 Carlton 69 Nobles 54 Carver 61 Norman 9 49 Olmsted 123 Cass Chippewa 40 Otter Tail 115 Chisago 67 Pennington 29 100 Pine 39 Clay Clearwater 20 Pipestone 29 Cook 0 Polk 82 29 10 Cottonwood Pope 119 Ramsey 1,009 Crow Wing 557 Red Lake Dakota 10 Dodge 11 Redwood 45 98 Renville 51 Douglas 136 31 Faribault Rice Fillmore 14 Rock 27 31 Freeborn 42 Roseau 91 168 Goodhue Scott 9 Sherburne 118 Grant 1,977 Sibley 14 Hennepin 17 377 Houston St. Louis 46 262 Hubbard Stearns 28 79 Steele lsanti 90 11 ltasca Stevens 16 Swift 20 Jackson 32 Todd 39 Kanabec 103 Kandiyohi Traverse 6 22 Kittson Wabasha 8 21 Wadena 33 Koochiching 25 31 Waseca Lac qui Parle Lake 24 Washington 342 16 Lake of the Woods 4 Watonwan Le Sueur 33 Wilkin 15 Winona 55 Lincoln 5 191 59 Wright Lyon Mahnomen 13 21 Yellow Medicine Marshall 21 Unknown/missing 0

Minnesota Department of Health Weekly COVID-19 Report: Updated 11/11/2021 with data current as of 4 a.m. the previous day unless specifically noted in the graph. Page 21

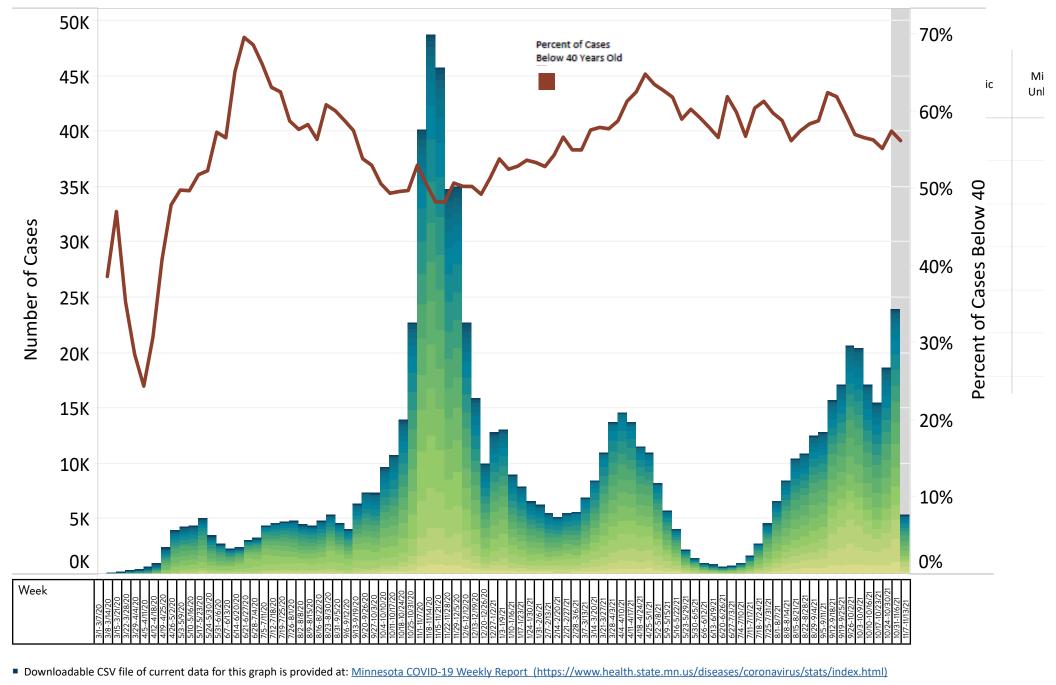
8,968 Total Deaths (cumulative)

Dem	00	ra	nt	hic	<b>C</b> •	Δ	10							Г					Me	dian /	Age (I	Range	) in Ye	ears
	6		<b>P</b> '		3.	<u> </u>	5								All Ca	ses			37 (	<1 mor	nth - 1	10)		
Age groups, me	edian a	age, an	d rang	ge for c	ases.										Non-H	lospita	lized C	ases	35 (	(<1 mor	nth - 11	0)		
001		0													Hospit	alizati	ons		63 (	(<1 mor	10 - 10	))		
															ICU H	ospita	lizatior	ns	63 (	(<1 mor	nth - 10	)5)		
				1											Death	5			82 (	(<1 - 10	)9)	1		
1	16%						P	roporti	ion of (	<b>Cases</b>														
1	L4%						P P	roporti	on of I on of I	Hospita CU Ad	alizatio missio													
1	12%																							
-	10%																							
Cases	1070																							
Percent of Cases	8%														I.									
۵.	6%																							
	4%												١.											
	2%- 0%																ı							
Age Group (in years)				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
		0-4	5-9																					
All Cases Hespitalizations	-+	24,523 394	36,993 156				71,397 1,582	70,154 1,924	68,291 1,863		55,662 2,220	56,560 2,963		46,965 4,177	31,827 4,038	23,473 4,252	16,320 3,791	12,193 3,346		5,583 1,404	2,111 439	406 43		836,787 42,831
Hospitalizations ICU Hospitalizat	ions	86	38				1,382	256	326			673		1,064	4,038	4,232 995	832	603	366	1,404	439	43	2	8,626
Deaths		1	2	0	1	7	15	34	45					509	656	918	1,093	1,401	1,529	1,322	636		0	8,968

### **Cases by Age Group and Specimen Collection Date**

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

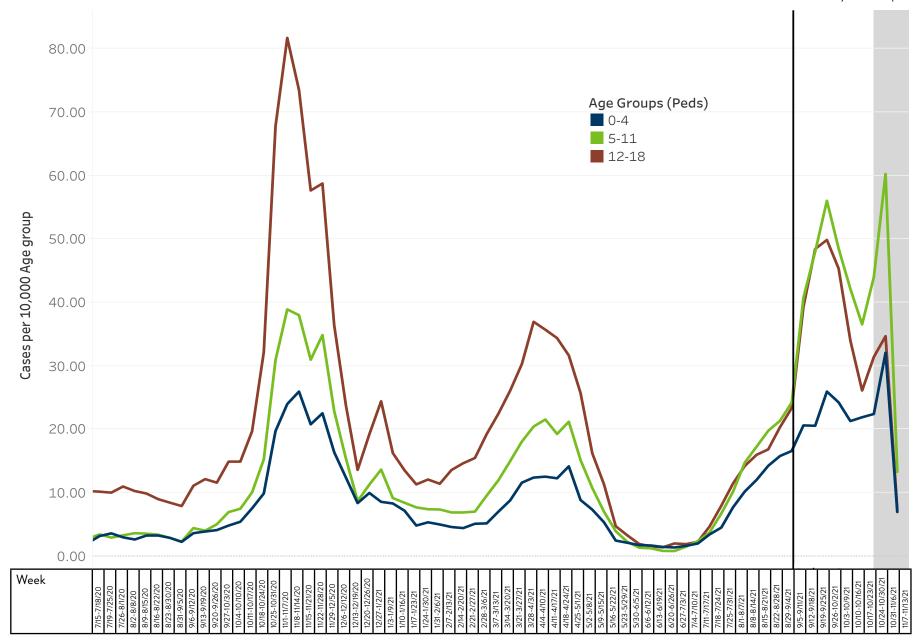
Due to the need to confirm reports and reporting delays, data may be incomplete



### Case Rate in Children by Specimen Collection Date

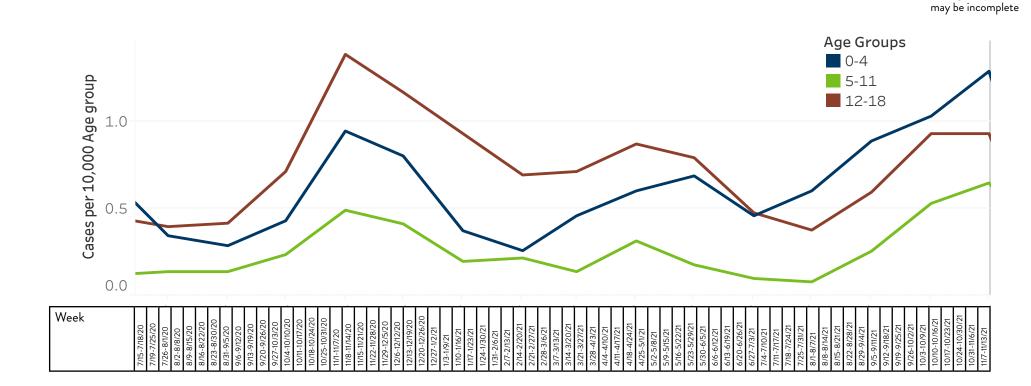
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



### Hospitalization Rate in Children by Specimen Collection Date

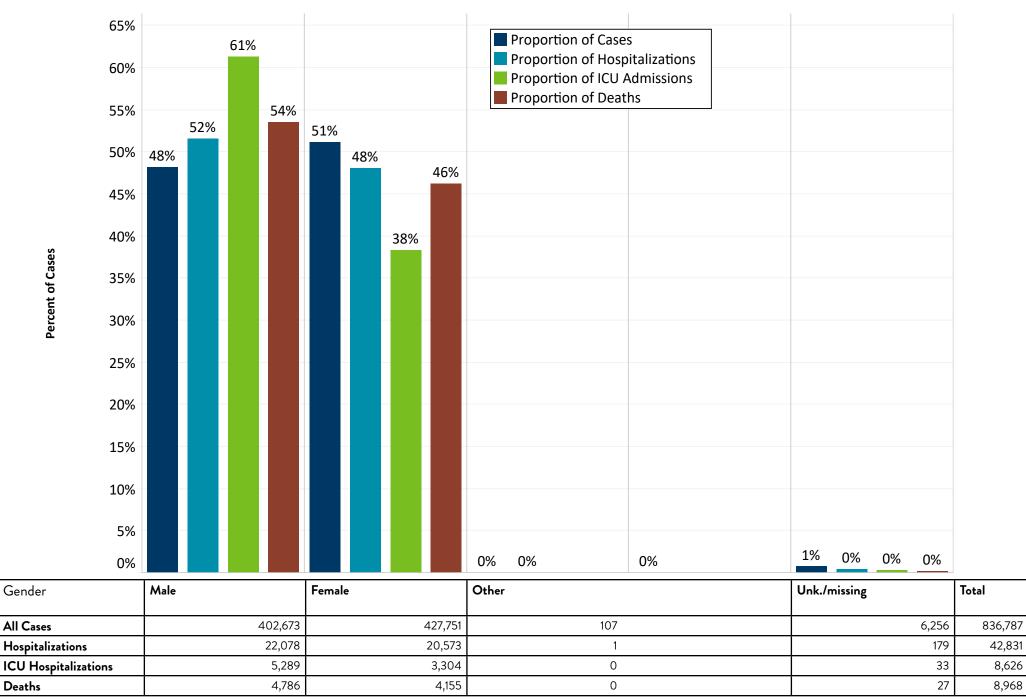
Hospitalizations by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.



Due to the need to confirm reports and reporting delays, data

# **Demographics: Gender**

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



# Demographics: Race & Ethnicity

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

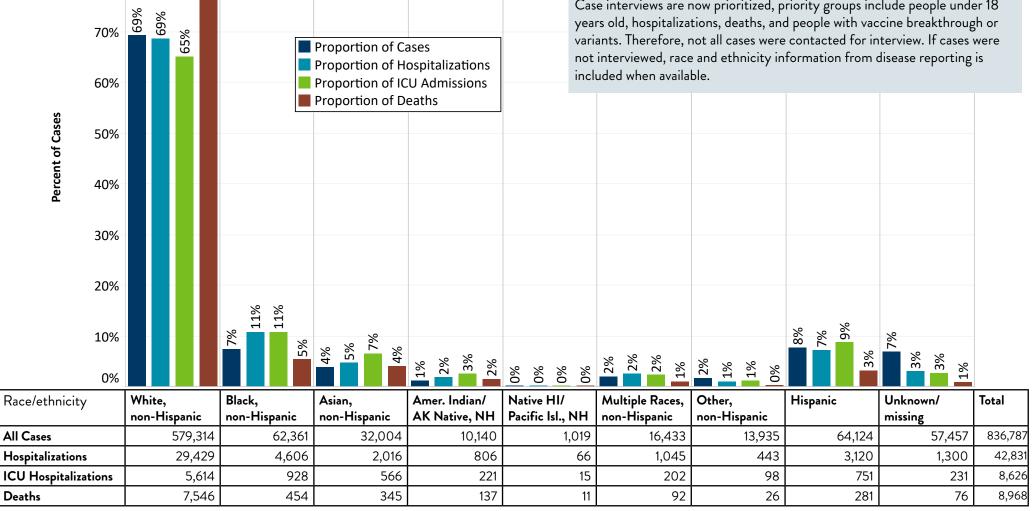
84%

90%

80%

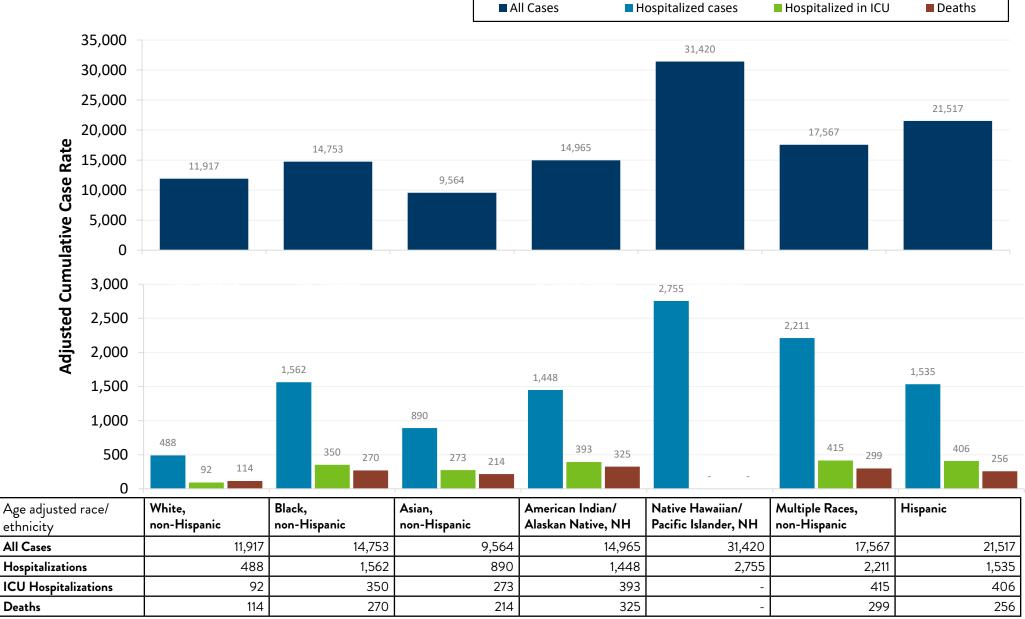
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233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

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



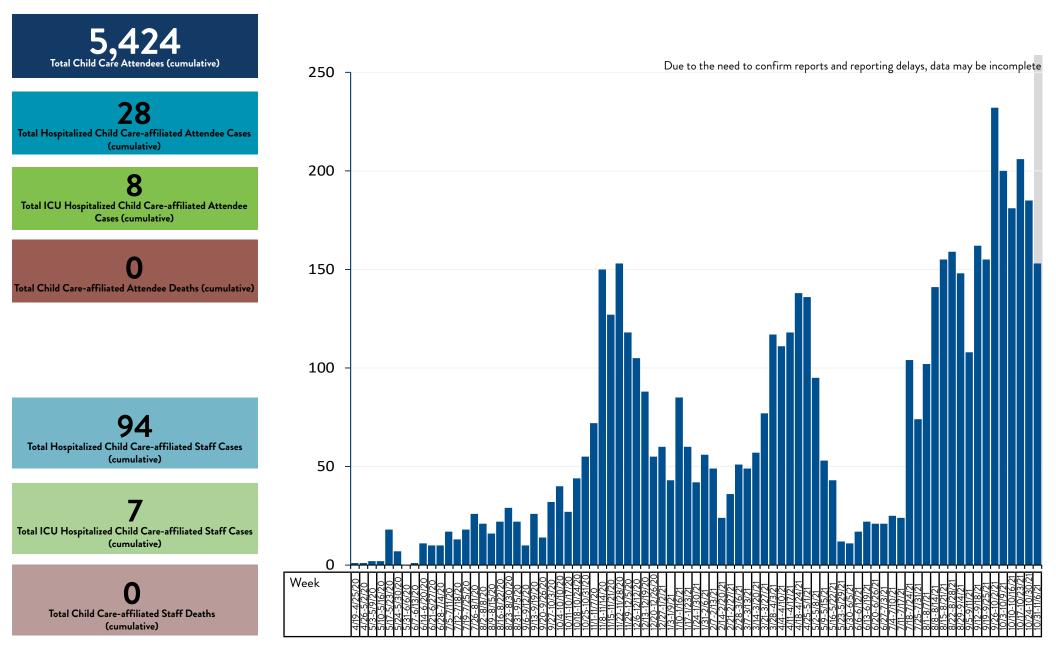
### **Age-Adjusted Race & Ethnicity Rates**

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.



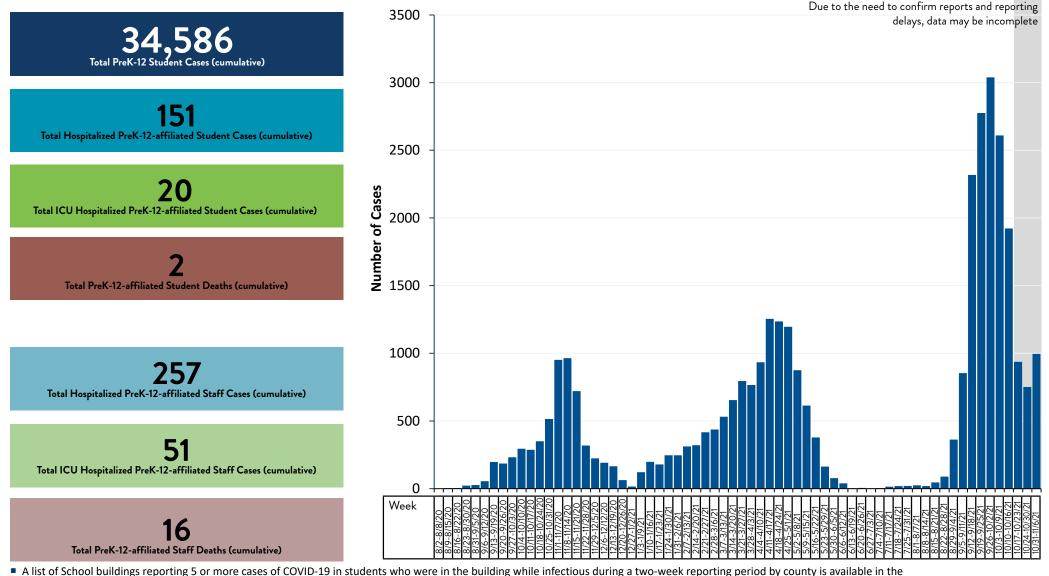
# **Potential Exposure in Child Care Settings**

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.



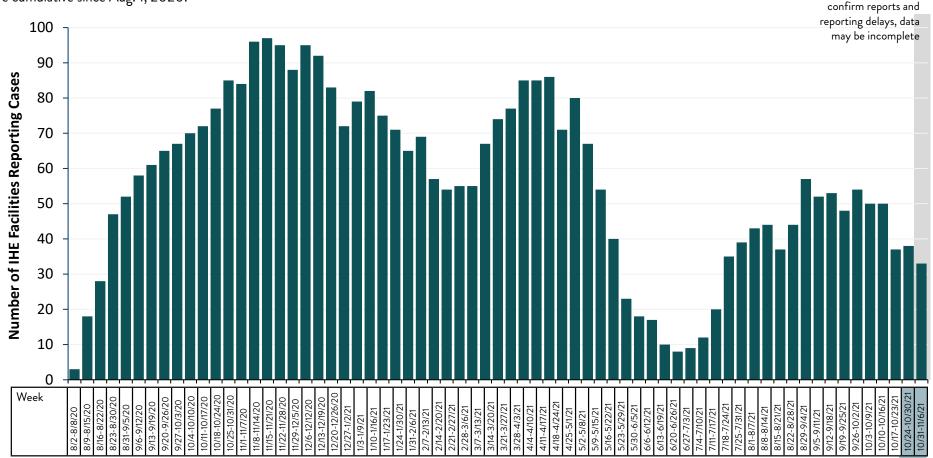
COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

# 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.



Due to the need to

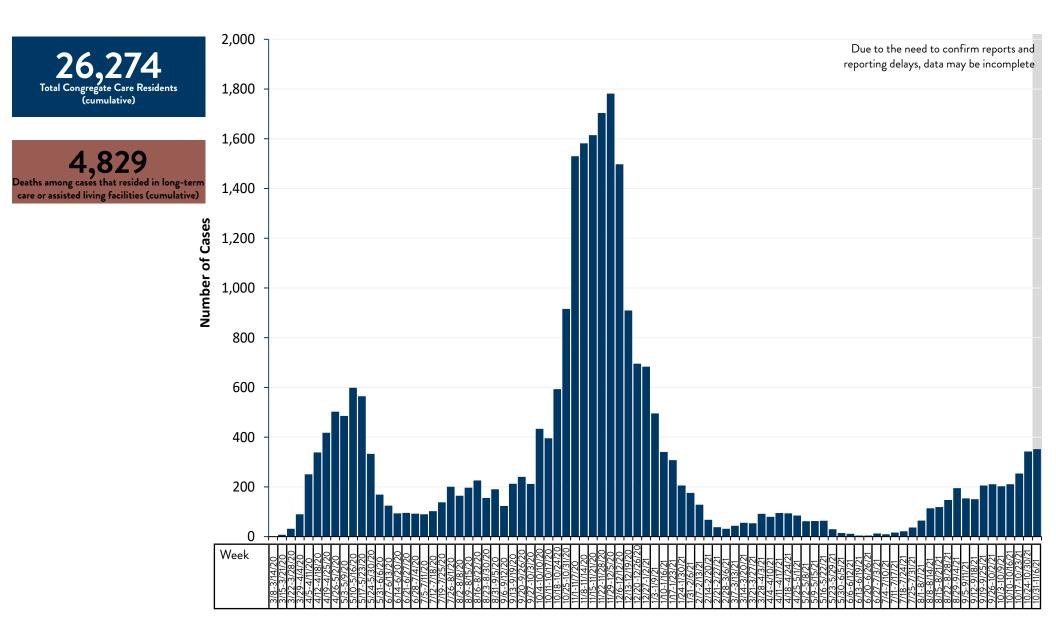


The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 10/24-11/6/21
1-10 cases	36
11-30 cases	7
31-99 cases	0
≥100 cases	0
Total	43

# **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.

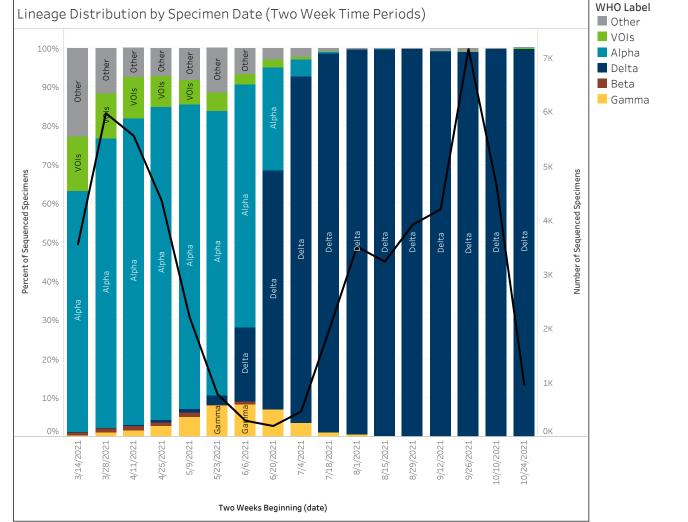


A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: <u>Minnesota Situation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

# 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>)

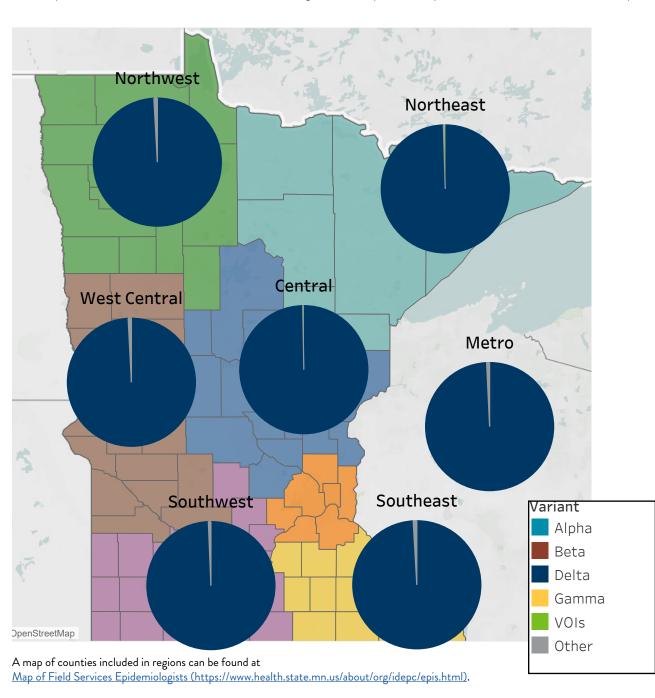


Va	ariant Distr	ibution Since 9/26/2021*
Delta	B.1.617.2	82.50%
	ΑΥ.3	16.78%
	AY.1	0.07%
VOIs	B.1.526	0.01%
	B.1.617.1	0.01%
Other	Other	0.63%

\*All VOI and VOC are included in this list, as well as any lineages that account for ≥1% of all specimens sequenced since 9/26/2021. 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.

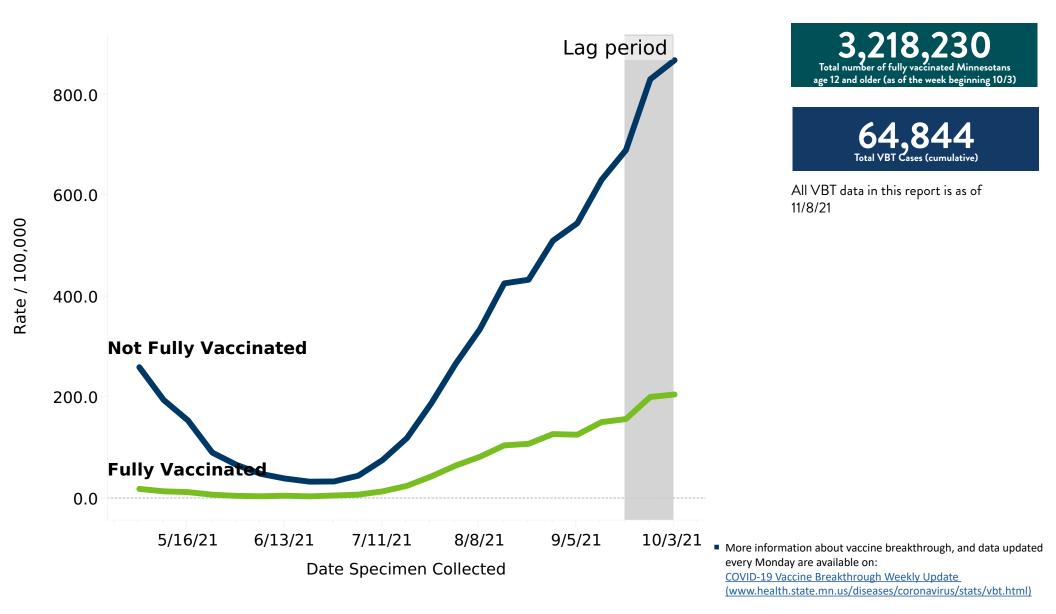


Region & Variant	Variant %	Region & Variant	Variant %
Northwest		Northeast	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	99.1%	Delta	99.5%
Gamma	0.0%	Gamma	0.0%
Other	0.9%	Other	0.3%
VOIs	0.0%	VOIs	0.1%
West Central		Central	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	99.2%	Delta	99.8%
Gamma	0.0%	Gamma	0.0%
Other	0.8%	Other	0.2%
VOIs	0.0%	VOIs	0.0%
Southwest		Southeast	
Alpha	0.0%	Alpha	0.0%
Beta	0.0%	Beta	0.0%
Delta	99.4%	Delta	99.1%
Gamma	0.0%	Gamma	0.0%
Other	0.6%	Other	0.9%
VOIs	0.0%	VOIs	0.0%
Metro			
Alpha	0.0%		
Beta	0.0%		
Delta	99.3%		
Gamma	0.0%		
Other	0.7%		
VOIs	0.0%		

# Vaccine Breakthrough (VBT) Cases

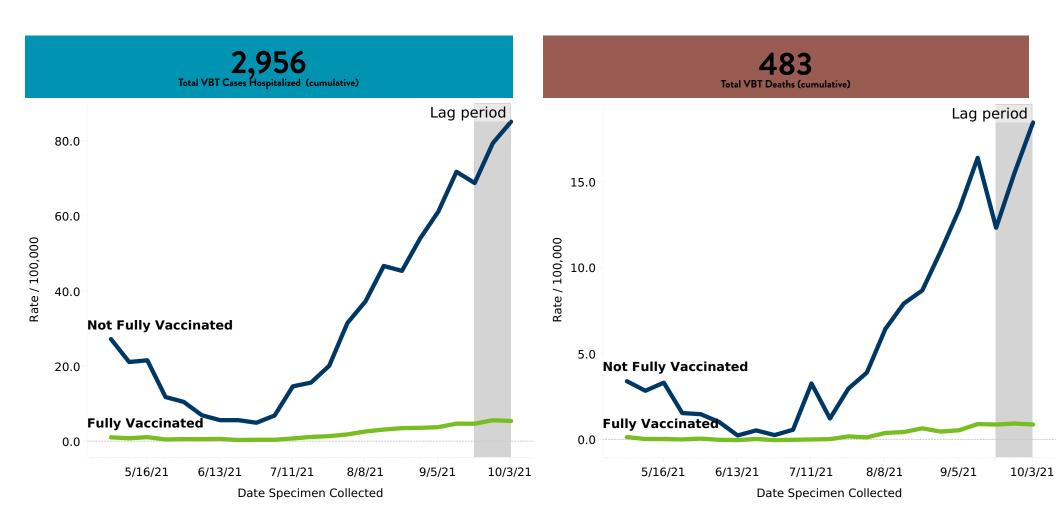
Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month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

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



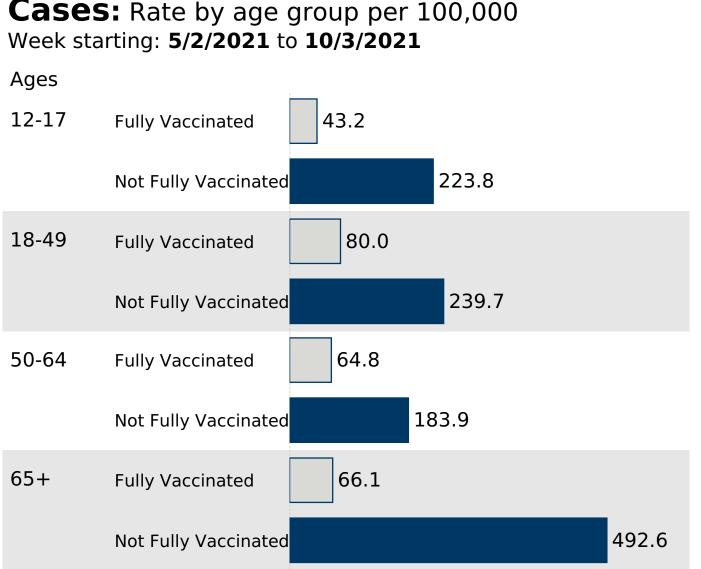
### **VBT** Hospitalizations and Deaths

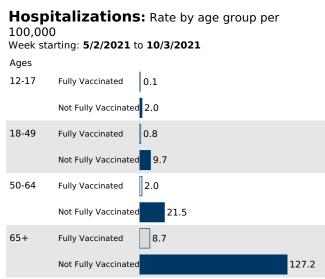
These graphs show the rate of hospitalization and death among vaccinated and unvaccinated COVID-19 cases since vaccine was widely available to the general adolescent and adult population in May 2021. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19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



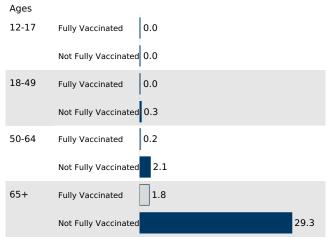
#### VBT Cases, Hospitalizations, and Deaths by Age Group

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



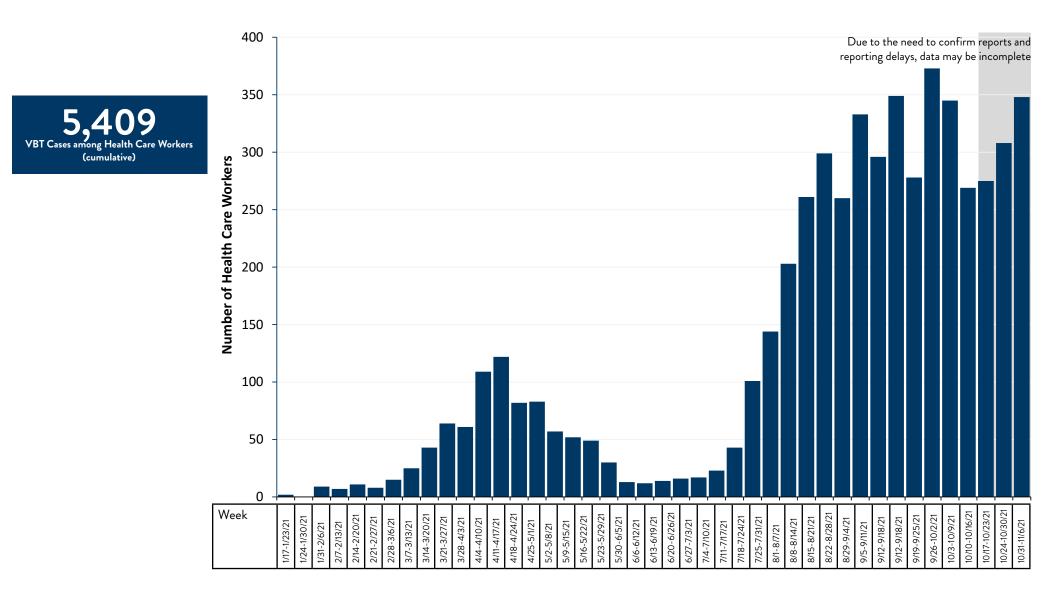


**Deaths:** Rate by age group per 100,000 Week starting: **5/2/2021** to **10/3/2021** 

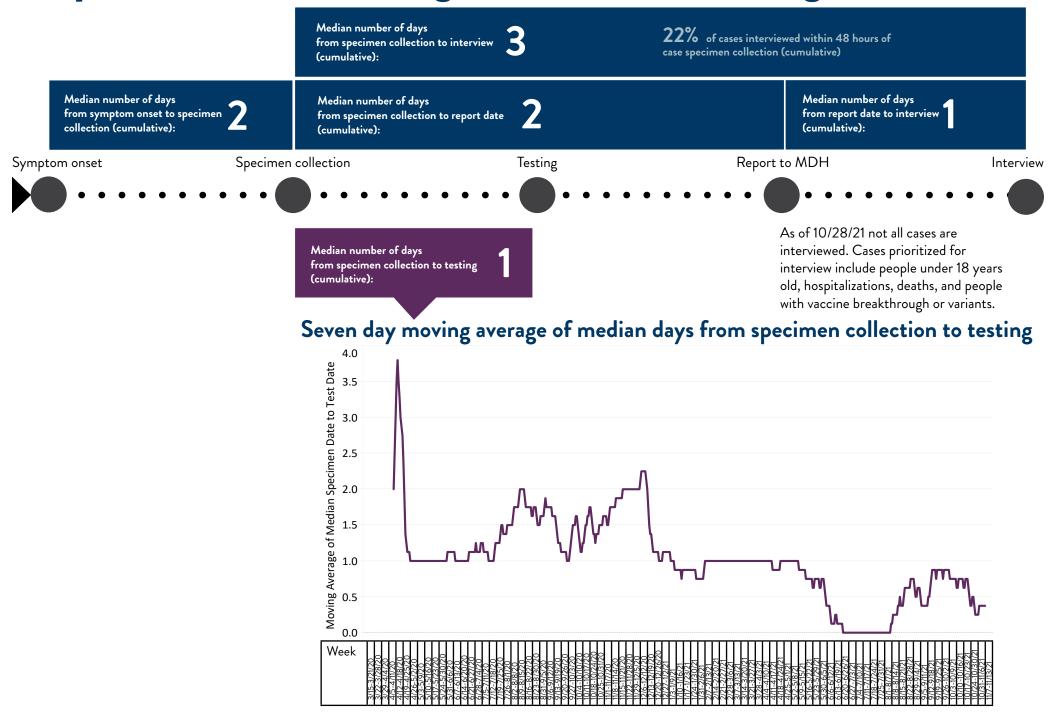


#### VBT Cases among Health Care Workers

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



### **Response Metrics: Testing and Interview Timing**



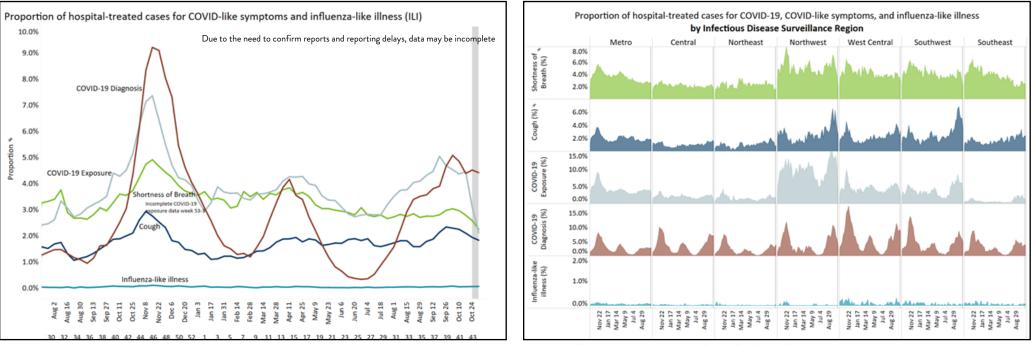
## Syndromic Surveillance

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

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

Data include emergency-department and inpatient hospital visits for COVID-like illness through November 6, 2021. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

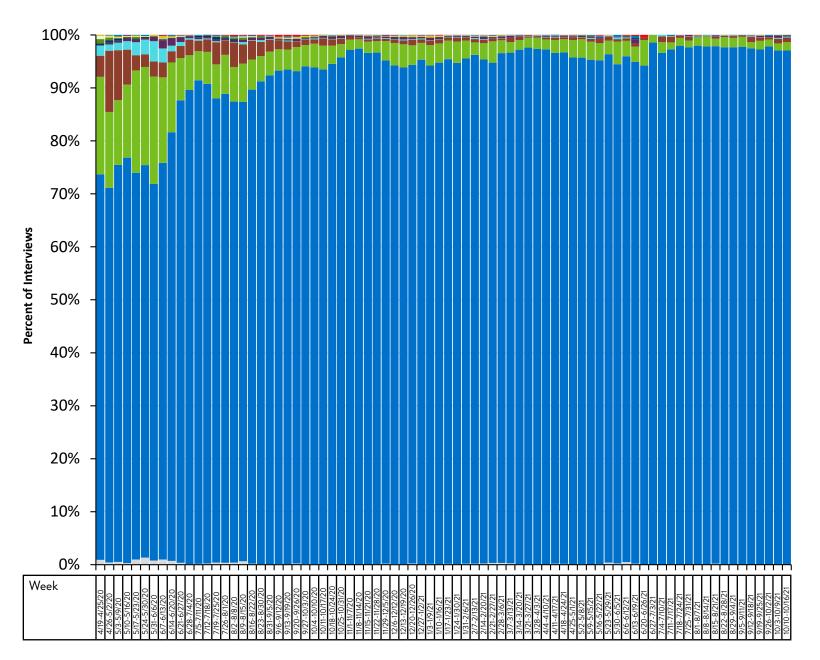
Through November 6, 2021, these data represent all patients from about 130 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



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

# 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%		

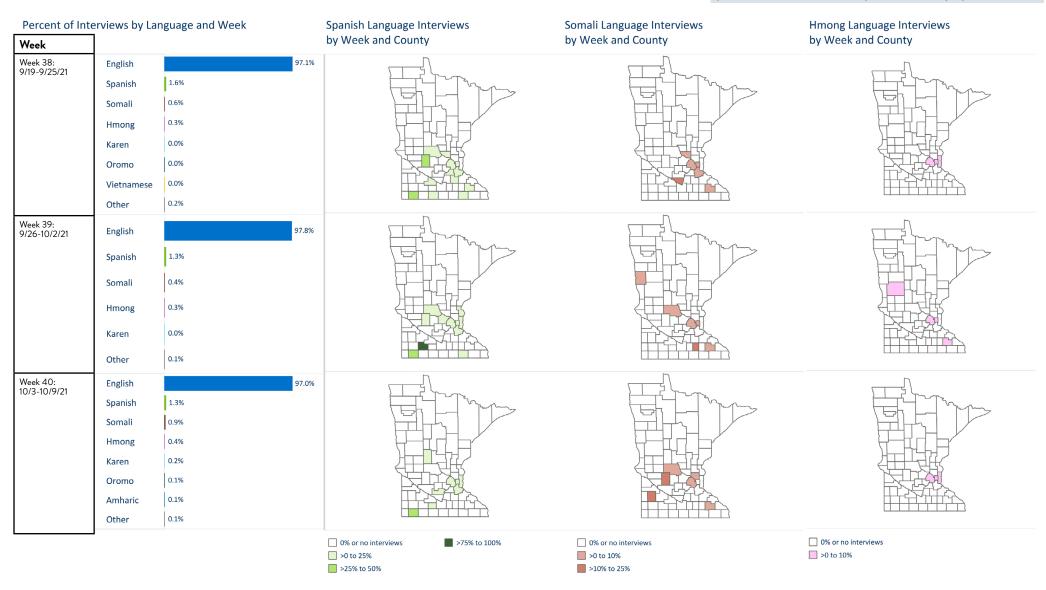
Minnesota Department of Health Weekly COVID-19 Report: Updated 10/21/2021 with data current as of 4 a.m. the previous day unless specifically noted in the graph. Page 41

#### Interview Language by County of Residence (Archived)

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

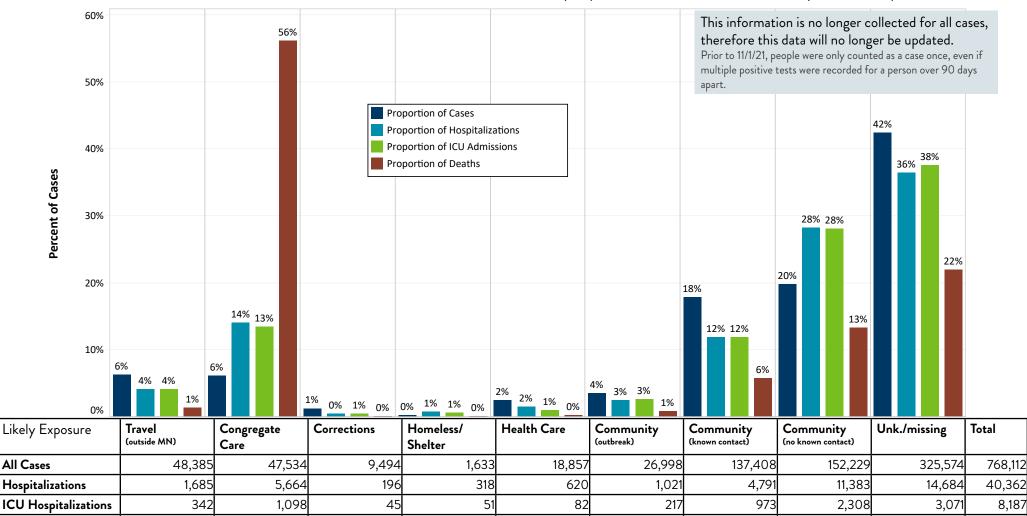
#### This information is no longer collected for all cases, therefore this data will no longer be updated.

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.



## 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

8,515

1.812

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.

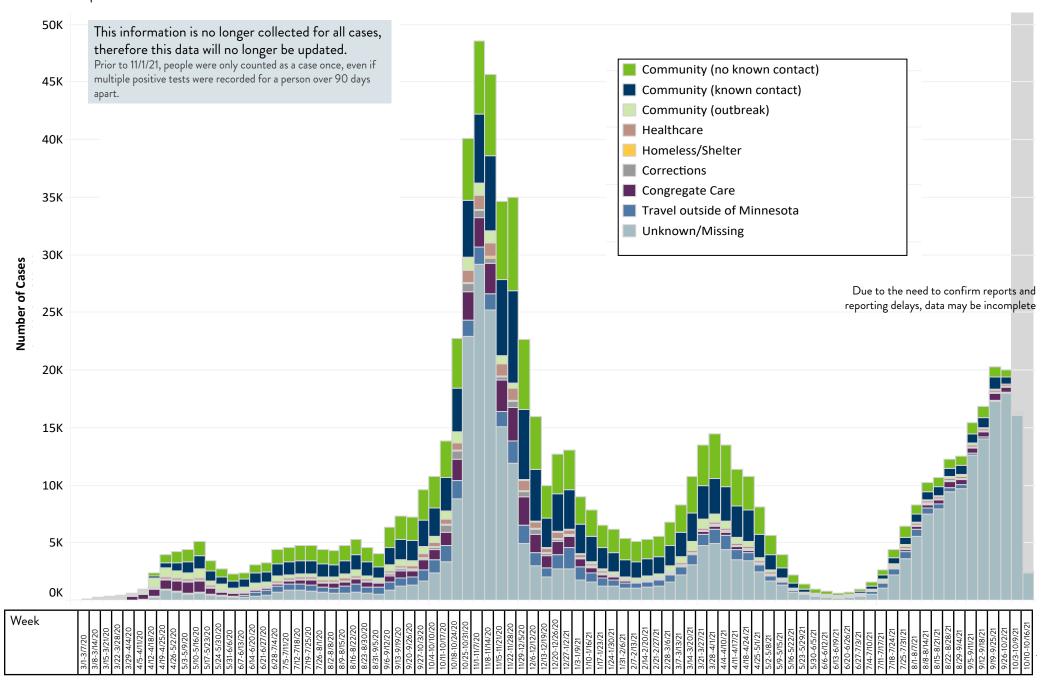
- Corrections: Inmates who were exposed while incarcerated, and staff of a jail/prison setting who are not part of a non-corrections outbreak and did not have an exposure to a positive household member.
- Homeless/Shelter: Residents/guests, and staff who are not part of a non-shelter outbreak and did 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.

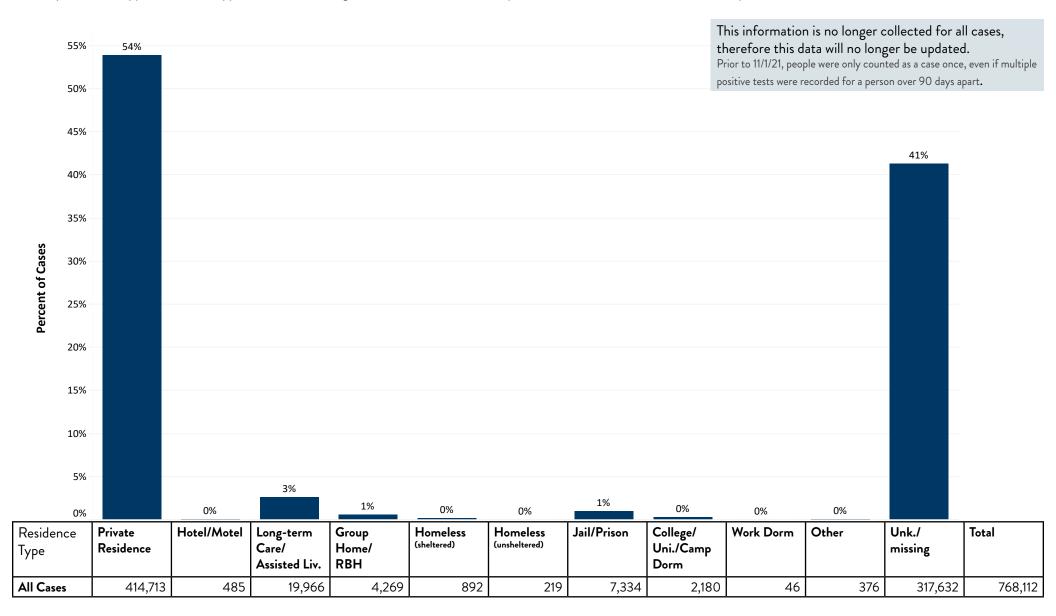
#### Cases by Likely Exposure and Specimen Collection Date (Archived)

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.



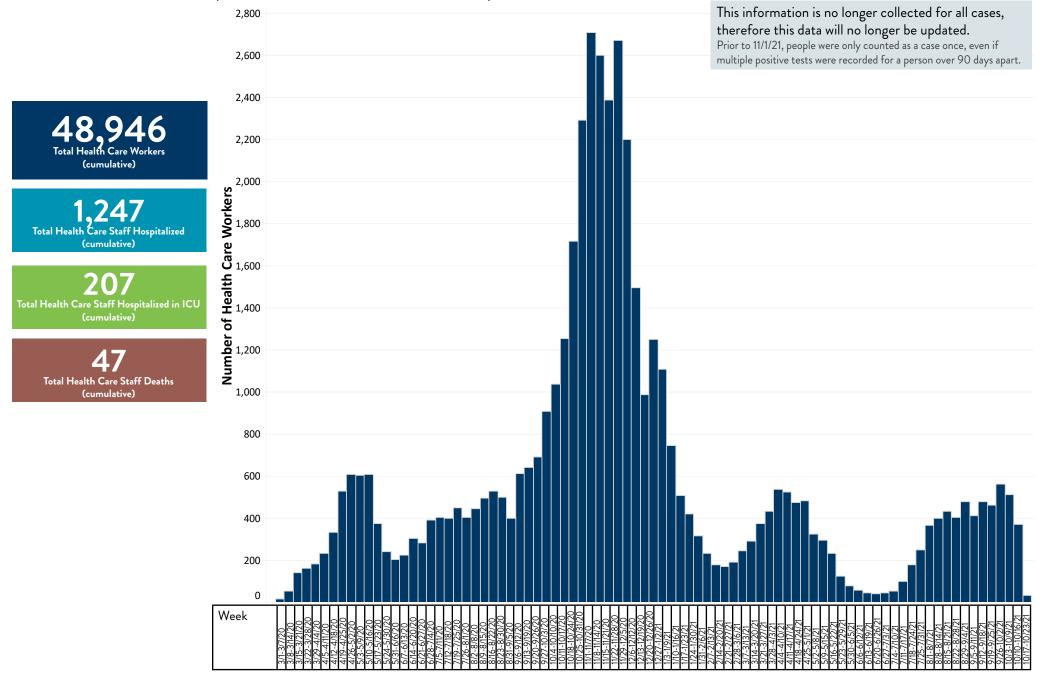
## Residence Type (Archived)

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



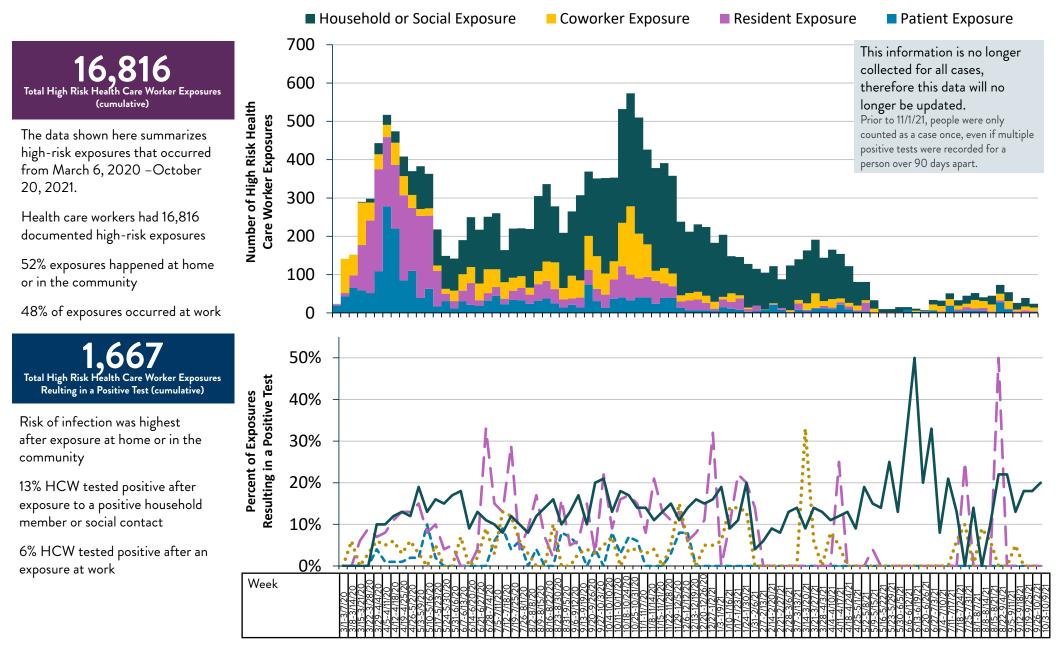
## Cases among Health Care Workers (Archived)

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.

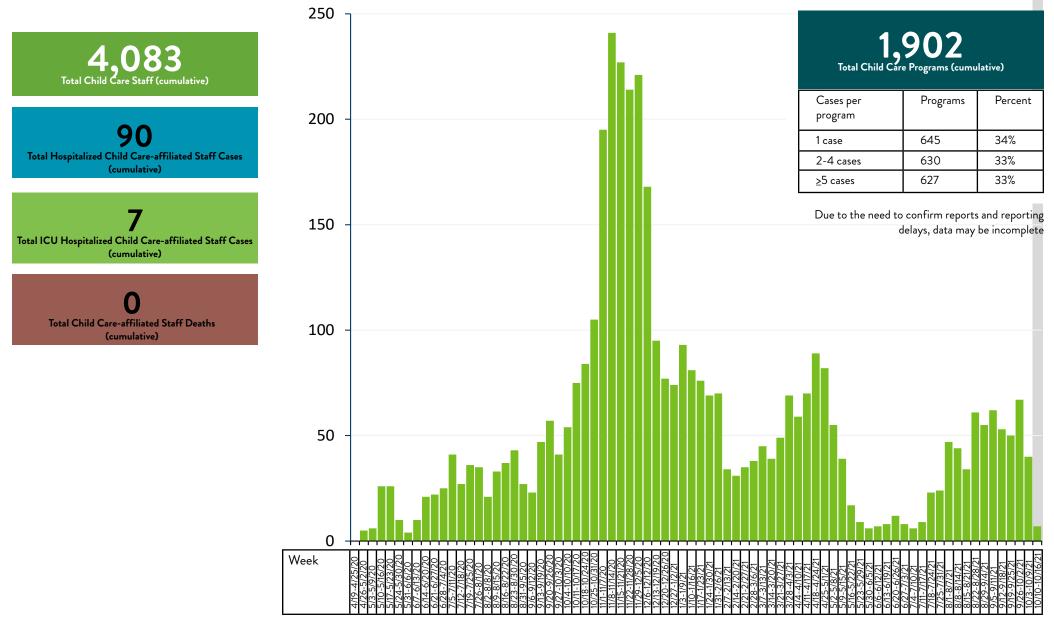


## Staff with Potential Exposure in Child Care Settings (Archived)

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.

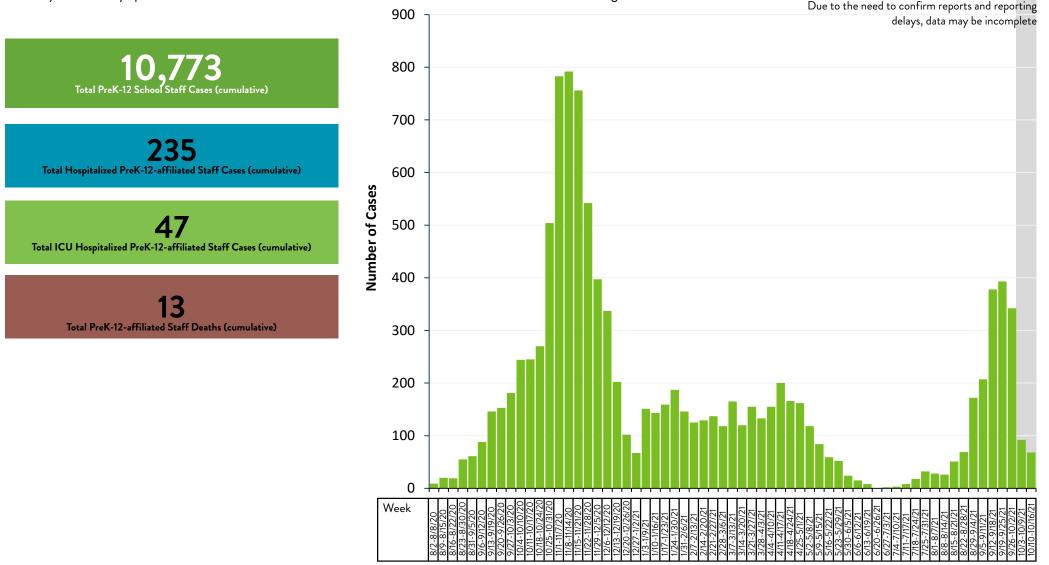


## Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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.

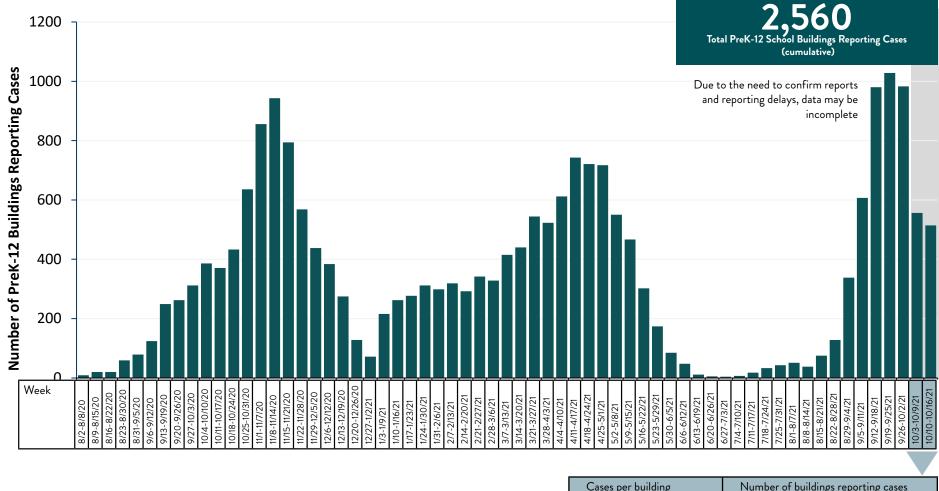


#### PreK-12 School Buildings Reporting Cases (Archived)

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.



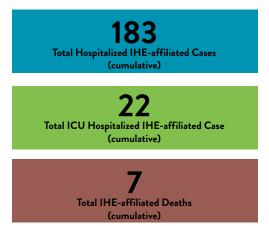
Cases per building	Number of buildings reporting cases 10/3-10/16/21			
1 case	405			
2-4 cases	324			
≥5 cases	99			
Total	828			

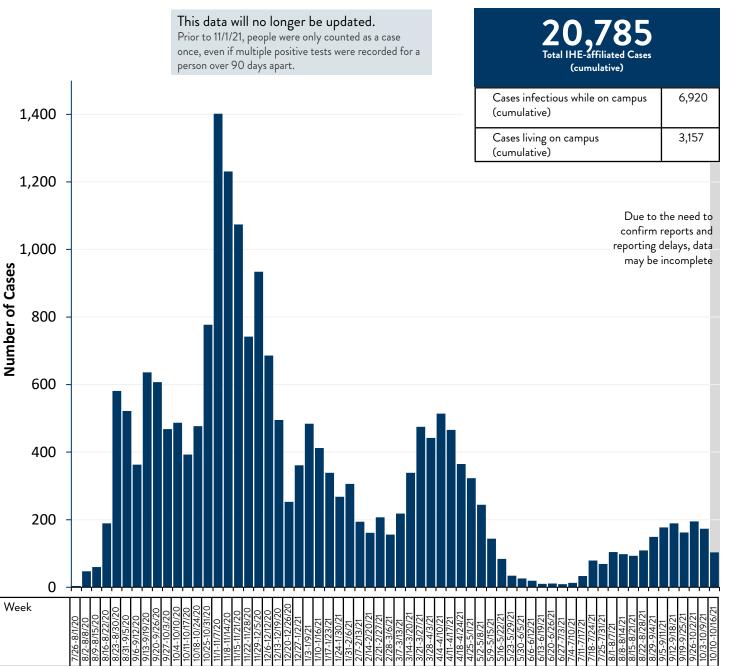
A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the <u>Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)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



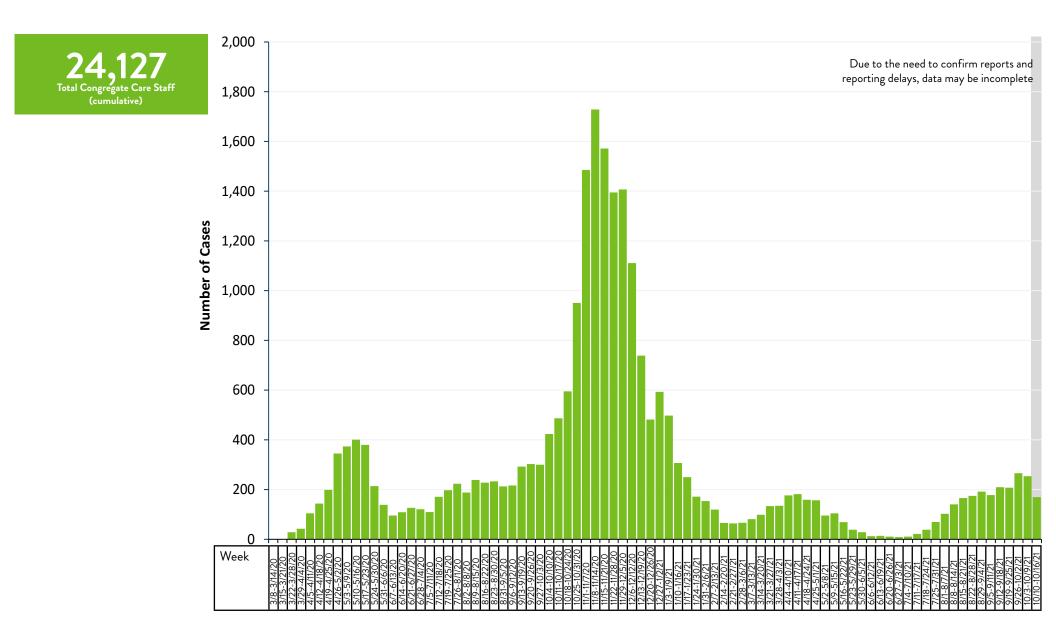


## Staff Cases Associated with Congregate Care Settings (Archived)

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.

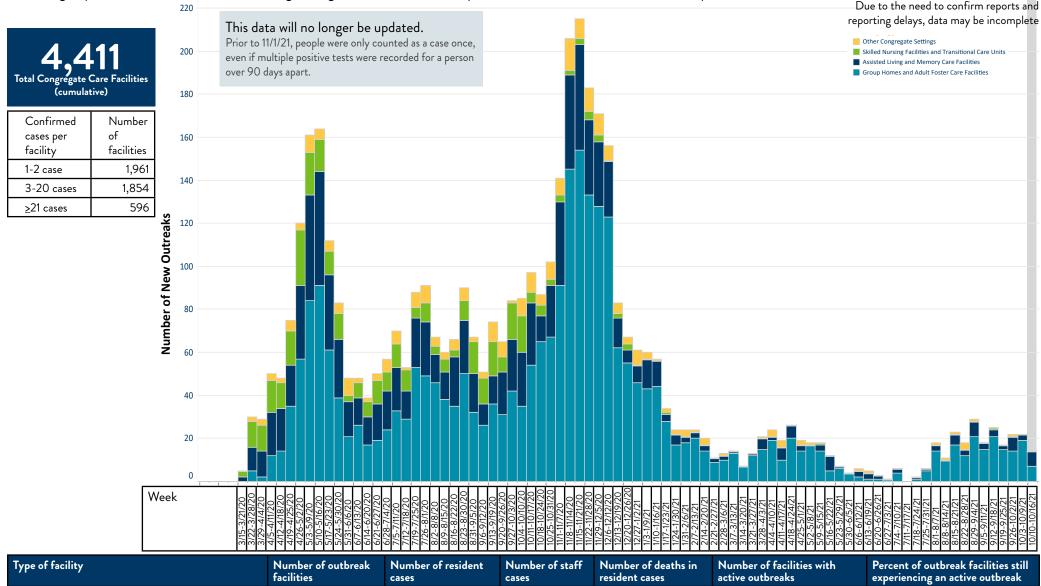
#### This information is no longer collected for staff in Congregate Care Settings.

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.



	facilities	cases	cases	resident cases	active outbreaks	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>