Minnesota Department of Health

WEEKLY COVID-19 REPORT 2/3/2022

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.

- 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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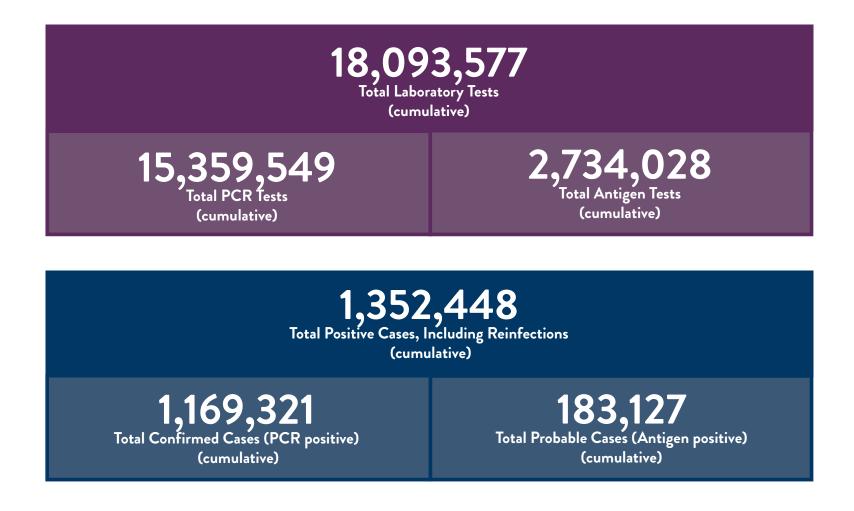
About Minnesota COVID-19 Data

- 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

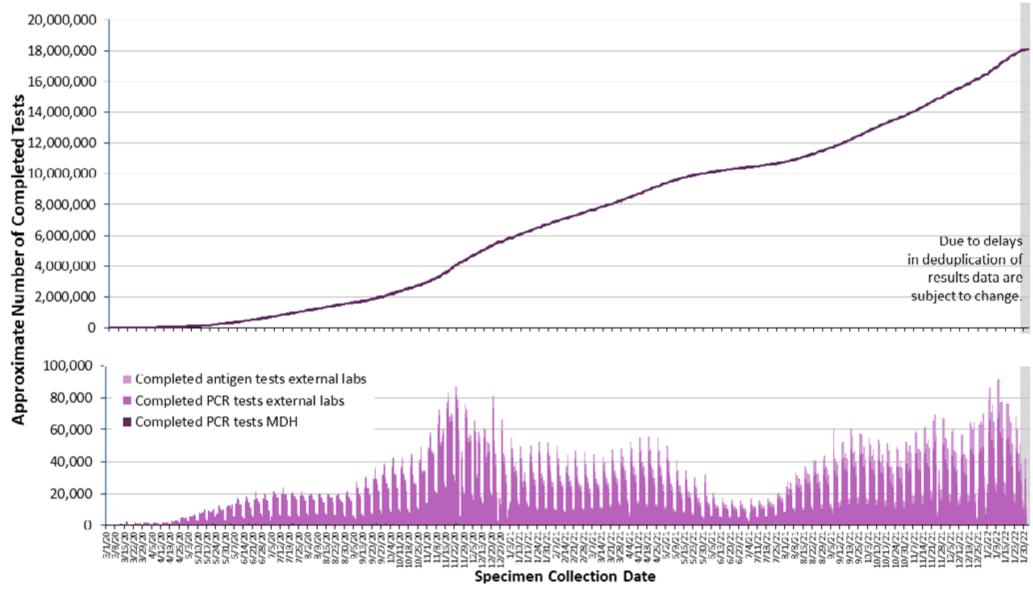


57,714 Total Hospitalizations (cumulative) 10,785 Total ICU Hospitalizations (cumulative) 11,561 Total Deaths (cumulative) 1,299,014 Total No Longer Needing Isolation (cumulative)

Laboratory Tests for COVID-19



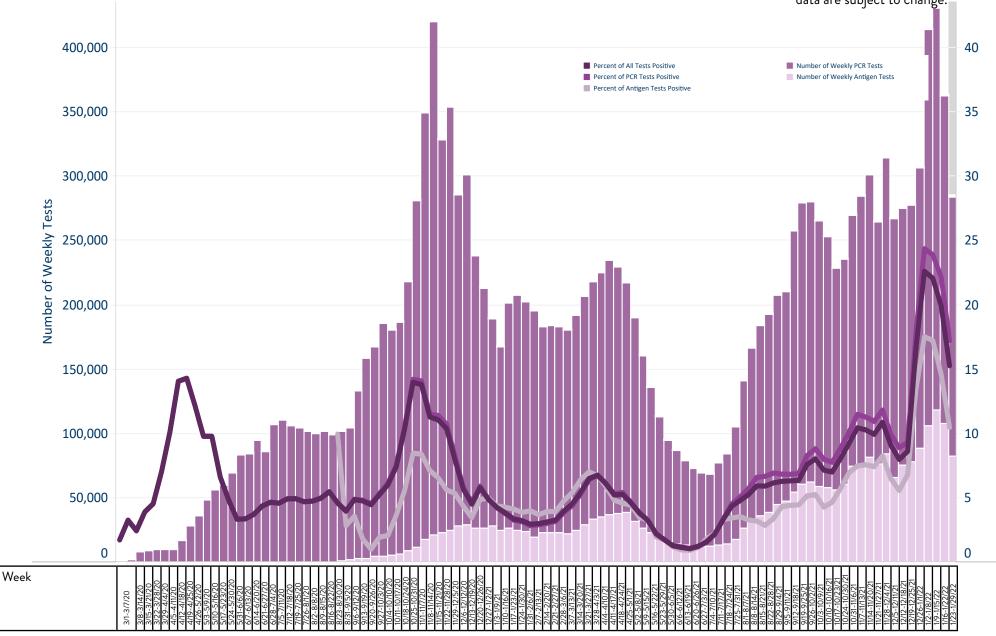
Testing numbers show how many total tests have been done for cases who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported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



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

Number of Tests and Percent Positive by Week

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



Percent of Tests Positive

Laboratory Test Rates by County of Residence

31,789 tests per 10,000 people statewide

Number of Tests Cumulative Rate

31,447

29,748

28,707

30,909

30,598

31,298

28,742

30,330

22,312

35,138

31,451

31,074

18,954

23,419

31,543

25,972

31,195

31,588

17,635

32,081

34,424

45,815

36,103

26.253

27,389

33,598

25,272

32,656

31,771

29,823

32,704

32,054

22,327

32,394

34,123

41,951

30,762

31,957

28,580

22,349

34,435

25,404

30,905

62,781

106,573

66,253

79,523

100.816

123,946

24,008

102,463

48,728

23,047

481,403

180,204

26,885

68,216

28,972

82,047

34,252

7,068

49,184

50.675

301,304

33,984

40.592

392,678

313,239

37,685

653,373

498,233

109,379

31,998

30,166

54,567

10,810

73,364

57,246

57,861

809,523

31,361

14,176

175,093

337,221

30,497

666,192

1,710,490

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.

	Becker	96,924	28,699	Meeker
	Beltrami	115,850	25,121	Mille Lacs
	Benton	142,440	35,808	Morrison
	Big Stone	20,652	41,172	Mower
	Blue Earth	211,055	31,823	Murray
	Brown	86,751	34,410	Nicollet
	Carlton	137,865	38,792	Nobles
	Carver	270,688	26,957	Norman
	Cass	58,634	20,203	Olmsted
	Chippewa	43,485	36,207	Otter Tail
	Chisago	165,582	30,256	Pennington
	Clay	161,250	25,676	Pine
	Clearwater	18,267	20,730	Pipestone
	Cook	14,022	26,402	Polk
	Cottonwood	32,455	28,539	Pope
	Crow Wing	156,013	24,432	Ramsey
	Dakota	1,231,646	29,451	Red Lake
	Dodge	65,171	31,664	Redwood
	Douglas	118,893	31,958	Renville
	Faribault	50,254	36,164	Rice
	Fillmore	69,164	33,112	Rock
	Freeborn	110,114	36,072	Roseau
	Goodhue	150,032	32,463	Scott
	Grant	16,523	27,826	Sherburne
	Hennepin	3,998,853	32,367	Sibley
	Houston	34,289	18,373	St. Louis
	Hubbard	35,699	17,112	Stearns
	Isanti	96,011	24,635	Steele
	ltasca	131,843	29,167	Stevens
	Jackson	21,231	21,132	Swift
	Kanabec	33,187	20,737	Todd
	Kandiyohi	145,679	34,150	Traverse
	Kittson	14,087	32,481	Wabasha
	Koochiching	42,652	33,733	Wadena
Wisconsin	Lac qui Parle	25,263	37,300	Waseca
	Lake	35,295	33,395	Washington
	Lake of the Woods	11,372	29,856	Watonwan
	Le Sueur	66,980	23,936	Wilkin
	Lincoln	16,556	29,010	Winona
	Lyon	70,838	27,415	Wright
	Mahnomen	11,552	20,981	Yellow Medicine
	Marshall	16,804	17,892	Unknown/missing

County

Aitkin

Anoka

Number of Tests

36,293

964,822

Cumulative Rate

22,921

27,770

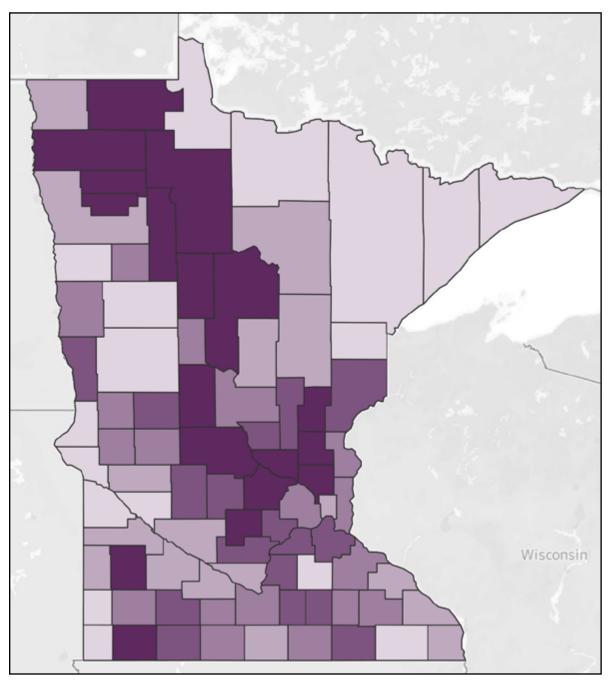
County

Martin

McLeod

Percent of Tests Positive by County of Residence

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

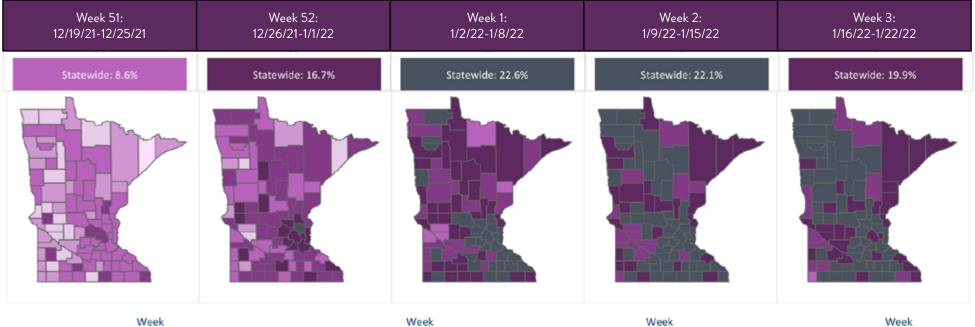


	% Positive	County	% Positive
County		County	
Aitkin	7.6%	Martin	8.2%
Anoka	10.0%	McLeod	9.5%
Becker	6.5%	Meeker	8.5%
Beltrami	9.4%	Mille Lacs	9.3%
Benton	9.0%	Morrison	8.4%
Big Stone	5.8%	Mower	8.9%
Blue Earth	7.9%	Murray	8.1%
Brown	7.3%	Nicollet	7.4%
Carlton	5.7%	Nobles	13.2%
Carver	9.0%	Norman	5.1%
Cass	9.4%	Olmsted	7.7%
Chippewa	6.5%	Otter Tail	6.6%
Chisago	8.4%	Pennington	10.5%
Clay	8.4%	Pine	8.85
Clearwater	10.2%	Pipestone	6.45
Cook	3.8%	Polk	7.25
Cottonwood	9.2%	Pope	7.85
Crow Wing	7.0%	Ramsey	7.5%
Dakota	8.9%	Red Lake	10.89
Dodge	8.0%	Redwood	7.49
Douglas	8.5%	Renville	6.85
Faribault	7.2%	Rice	5.6%
Fillmore	6.4%	Rock	5.9%
Freeborn	8.0%	Roseau	10.75
Goodhue	8.0%	Scott	9.39
Grant	8.0%	Sherburne	9.4%
Hennepin	7.6%	Sibley	8.5%
Houston	7.4%	St. Louis	6.45
Hubbard	9.6%	Stearns	9.6%
Isanti	9.8%	Steele	9.0%
ltasca	7.5%	Stevens	7.7%
Jackson	9.4%	Swift	7.3%
Kanabec	9.9%	Todd	10.3%
Kandiyohi	8.7%	Traverse	6.4%
Kittson	7.0%	Wabasha	6.9%
Koochiching	5.9%	Wadena	7.6%
Lac qui Parle	6.1%	Waseca	9.2%
Lake	5.7%	Washington	8.35
Lake of the Woods	6.3%	Watonwan	8.3%
Le Sueur	8.5%	Wilkin	8.7%
Lincoln	6.7%	Winona	6.65
Lyon	9.8%	Wright	10.0%
Mahnomen	8.0%	Yellow Medicine	7.2%
Marshall	11.1%	Unknown/missing	4.9%

8 0%

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.

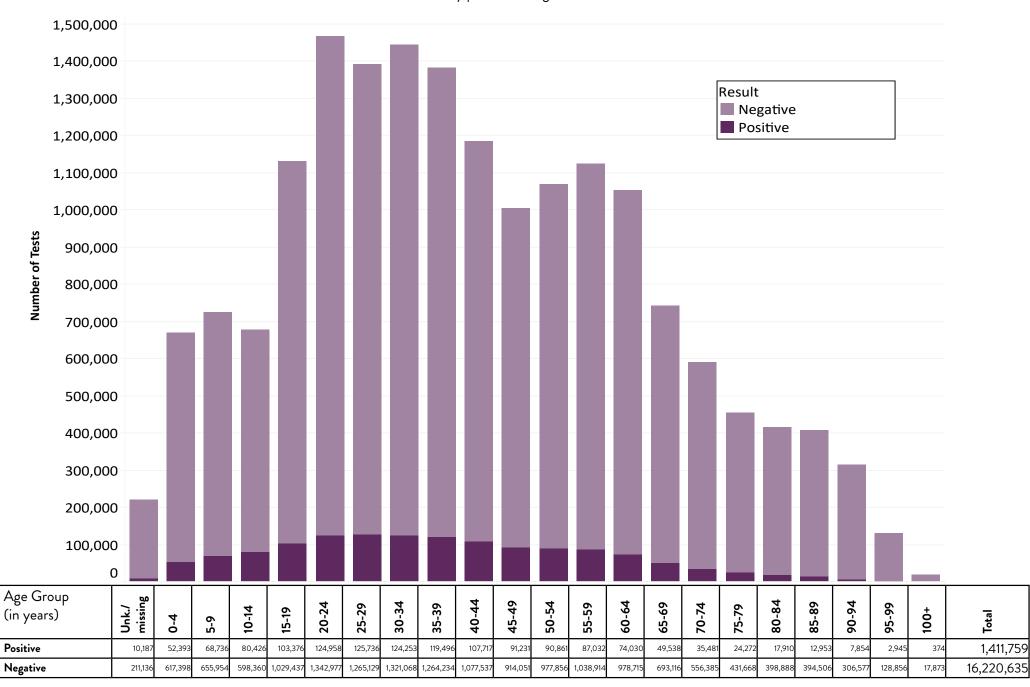


			week						week						week						week		
	51	52	1	2	3		51	52	1	2	3		51	52	1	2	3		51	52	1	2	3
Aitkin						Fillmore						Martin						Rock	1				
Anoka						Freeborn						McLeod						Roseau					
Becker						Goodhue						Meeker						Scott					
Beltrami						Grant						Mille Lacs						Sherburne					
Benton						Hennepin						Morrison						Sibley					
Big Stone						Houston						Mower						St Louis					
Blue Earth						Hubbard						Murray						Stearns					
Brown						Isanti						Nicollet						Steele					
Carlton						Itasca						Nobles						Stevens					
Carver						Jackson						Norman						Swift					
Cass	_					Kanabec						Olmsted						Todd					
Chippewa		_				Kandiyohi						Otter Tail	_					Traverse					
Chisago				<u> </u>		Kittson						Pennington						Wabasha					
Clay	_			<u> </u>		Koochiching	_					Pine			<u> </u>	 		Wadena					
Clearwater				<u> </u>		Lac qui Parle						Pipestone		_		L		Waseca					
Cook	_			<u> </u>		Lake	_	_				Polk			<u> </u>	—		Washington					
Cottonwood		<u> </u>		<u> </u>		Lake of the Woods						Pope	_	_	<u> </u>	<u> </u>		Watonwan					
Crow Wing				<u> </u>		Le Sueur						Ramsey		<u> </u>	<u> </u>	┝───		Wilkin					
Dakota Dodge				—		Lincoln						Red Lake Redwood						Winona				_	
	_			—		Lyon	_					Renville	_		—	 							
Douglas Faribault	_			—		Mahnomen Marshall						Rice	_		 	 		Wright Yellow Medicine					
Parloault						Marshall						Rice						reliow wedicine					
🗌 2% to <3%	of tes	ts				5% to <7% of tests						10% to <15% of te	ests					20+% of tests					
🔲 3% to <5%	of tes	ts				7% to <10% of test	ts					15% to <20% of te	ests										
	0.000																						

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)

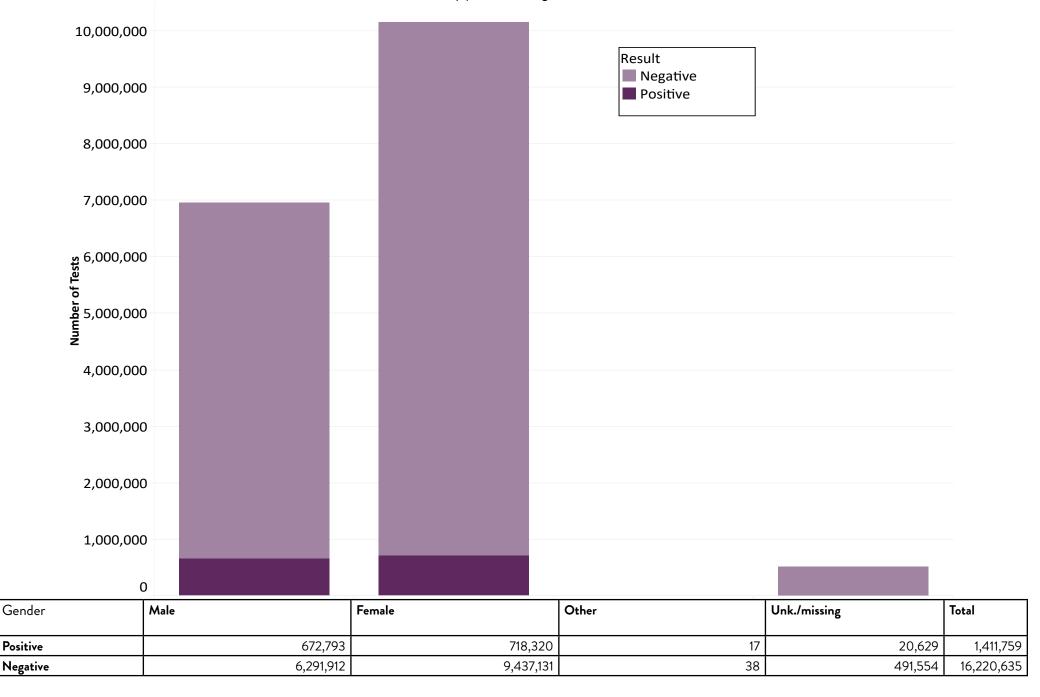
Testing Demographics: Age

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).



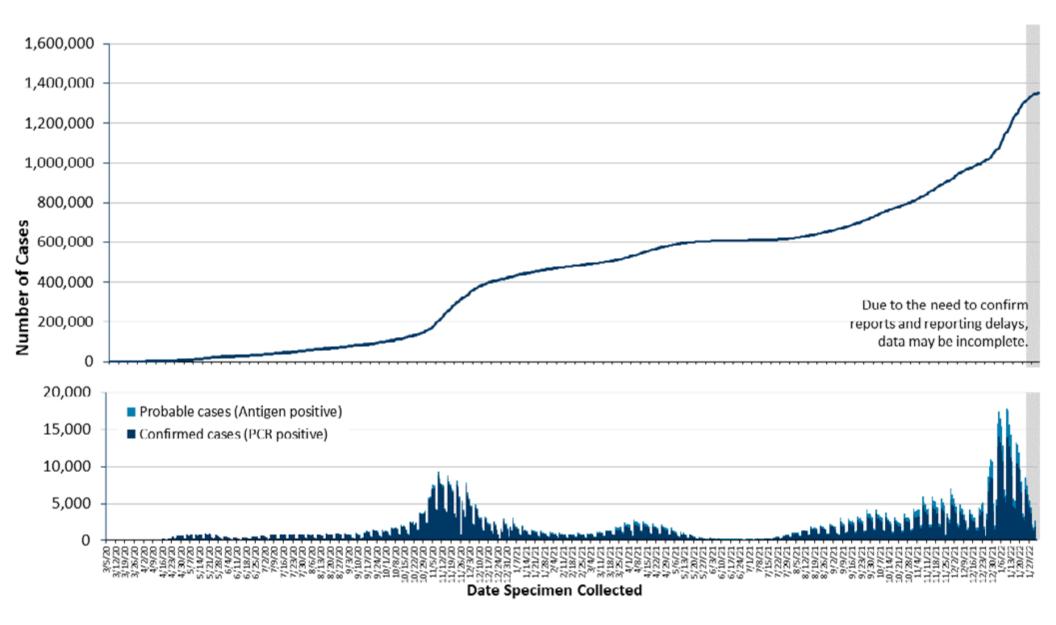
Testing Demographics: Gender

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)

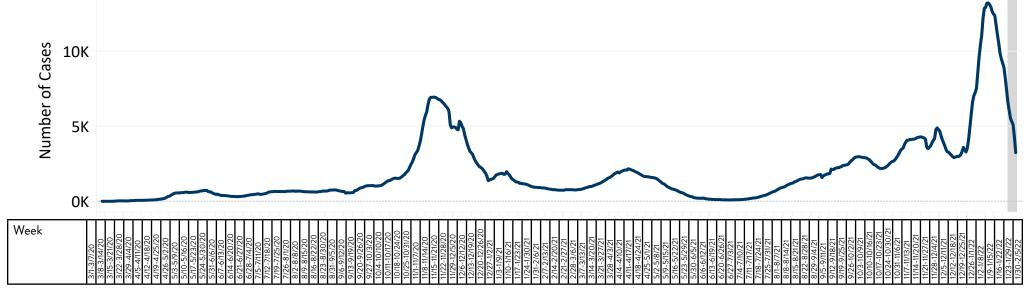
Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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

Seven Day Moving Average of New Cases

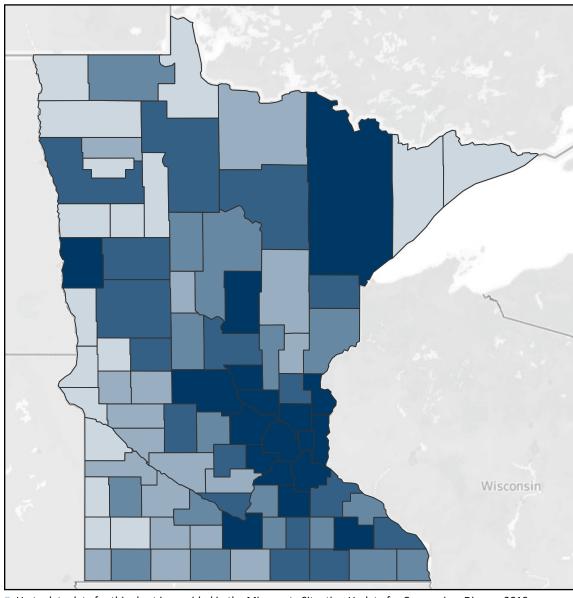


Due to the need to

confirm reports and reporting delays, data

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.



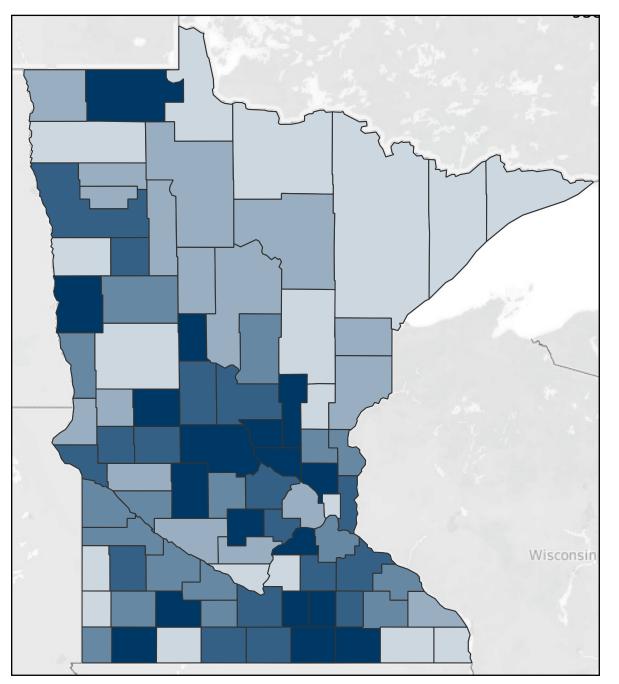
Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease	2019
(COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)	

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)

Total Pac	1,352,448 itive Cases (cu	mulativa)	1,299,014 No Longer Needing Isolation (cumulative)						
County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation				
Aitkin	2,765	2,635	Martin	5,193	4,94				
Anoka	93,899	90,676	McLeod	9,867	9,404				
Becker	8,045	7,668	Meeker	5,558	5,32				
Beltrami	10,712	10,240	Mille Lacs	6,830	6,568				
Benton	13,047	12,376	Morrison	8,542	8,142				
Big Stone	1,291	1,207	Mower	11,266	10,883				
Blue Earth	16,517	15,813	Murray	1,947	1,900				
Brown	6,219	5,920	Nicollet	7,412	7,05				
Carlton	7,998	7,381	Nobles	6,668	6,44				
Carver	25,086	24,313	Norman	1,389	1,29				
Cass	6,385	6,085	Olmsted	37,455	35,71				
Chippewa	2,860	2,675	Otter Tail	12,545	11,89				
Chisago	13,558	12,974	Pennington	3,263	3,11				
Clay	17,804	16,940	Pine	6,593	6,29				
Clearwater	2,001	1,907	Pipestone	1,907	1,83				
Cook	509	480	Polk	7,853	7,46				
Cottonwood	3,042	2,918	Pope	2,762	2,61				
Crow Wing	14,875	14,156	Ramsey	117,123	112,97				
Dakota	103,806	100,366	Red Lake	886	83				
Dodge	5,319	5,093	Redwood	3,663	3,49				
Douglas	10,234	9,743	Renville	3,403	3,25				
Faribault	3,548	3,370	Rice	16,667	16,08				
Fillmore	4,353	4,183	Rock	2,257	2,17				
Freeborn	8,478	8,067	Roseau	4,228	4,07				
Goodhue	12,123	11,537	Scott	38,069	36,94				
Grant	1,374	1,304	Sherburne	26,109	25,22				
Hennepin	282,382	273,470	Sibley	3,288	3,16				
Houston	3,937	3,862	St. Louis	42,901	40,68				
Hubbard	4,601	4,401	Stearns	47,974	46,30				
Isanti	9,596	9,193	Steele	9,719	9,30				
Itasca	10,301	9,845	Stevens	2,454	2,33				
Jackson	2,063	1,993	Swift	2,122	2,02				
Kanabec	3,313	3,164	Todd	6,263	5,98				
Kandiyohi	12,578	12,139	Traverse	752	70				
Kittson	983	930	Wabasha	5,159	4,95				
Koochiching	2,498	2,348	Wadena	3,892	3,69				
Lac qui Parle	1,624	1,539	Waseca	5,209	4,93				
Lake	1,905	1,814	Washington	63,020	60,70				
Lake of the Woods	708	673	Watonwan	2,707	2,58				
Le Sueur	6,075	5,878	Wilkin	1,507	1,46				
Lincoln	1,167	1,124	Winona	11,580	11,14				
Lyon	6,805	6,549	Wright	34,806	33,70				
Mahnomen	1,450	1,392	Yellow Medicine	2,385	2,27				
Marshall	1,905	1,839	Unknown/missing	7,516	4,91				

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	1,746	Martin	2,601
Anoka	2,703	McLeod	2,754
Becker	2,382	Meeker	2,408
Beltrami	2,323	Mille Lacs	2,655
Benton	3,280	Morrison	2,592
Big Stone	2,574	Mower	2,845
Blue Earth	2,490	Murray	2,331
Brown	2,467	Nicollet	2,194
Carlton	2,250	Nobles	3,053
Carver	2,498	Norman	2,118
Cass	2,200	Olmsted	2,447
Chippewa	2,381	Otter Tail	2,163
Chisago	2,477	Pennington	2,300
Clay	2,835	Pine	2,263
Clearwater	2,271	Pipestone	2,076
Cook	958	Polk	2,486
Cottonwood	2,675	Pope	2,515
Crow Wing	2,329	Ramsey	2,163
Dakota	2,482	Red Lake	2,211
Dodge	2,584	Redwood	2,389
Douglas	2,751	Renville	2,312
Faribault	2,553	Rice	2,534
Fillmore	2,084	Rock	2,398
Freeborn	2,777	Roseau	2,734
Goodhue	2,623	Scott	2,655
Grant	2,314	Sherburne	2,800
Hennepin	2,286	Sibley	2,205
Houston	2,110	St. Louis	2,144
Hubbard	2,205	Stearns	3,059
Isanti	2,462	Steele	2,650
ltasca	2,279	Stevens	2,508
Jackson	2,053	Swift	2,255
Kanabec	2,070	Todd	2,563
Kandiyohi	2,949	Traverse	2,254
Kittson	2,267	Wabasha	2,400
Koochiching	1,976	Wadena	2,852
Lac qui Parle	2,398	Waseca	2,769
Lake	1,802	Washington	2,488
Lake of the Woods	1,859	Watonwan	2,467
Le Sueur	2,171	Wilkin	2,376
Lincoln	2,045	Winona	2,277
Lyon	2,634	Wright	2,622
, Mahnomen	2,633	Yellow Medicine	2,417
Marshall	2,028		1

Minnesota Department of Health Weekly COVID-19 Report: Updated 2/3/2022 with data current as of 4 a.m. the previous business day unless specifically noted.

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2,447 cases per 10,000 peopl

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 19/21-'		/21				Week 52: /26/21-1/1/22			1/	Weel 2/22-1	k 1: 1/8/22		1	We /9/22	ek 2: -1/15			1,		Veek 3: 22-1/2:			
SI	tatewid	le 41.8	3			S	tatewide 91.9			St	atewide	e 163.2		s	statewi	de 15	8.4			State	wide 11	.6.9		
Aitkin	51	52	Week 1	2	3	Fillmor	9	51	Wee 1	k 2	3	Martin	51	52	Week 1		3	Rock	5	1		/eek 1	2	3
Anoka Becker					-	Freebo Goodh	im			F	<u> </u>	McLeod						Roseau Scott				\mp	\downarrow	
Beltrami Benton						Grant Henne						Mille Lacs Morrison						Sherburne						
Big Stone						Housto	'n					Mower						Sibley St Louis		+			+	
Blue Earth Brown						Hubba Isanti	rd			-		Murray Nicollet		-				Stearns Steele				-	\rightarrow	
Carlton Carver						Itasca Jacksor						Nobles Norman						Stevens						
Cass						Kanabe	ec					Olmsted						Swift Todd					_	
Chippewa Chisago				<u> </u>	-	Kandiy Kittson						Otter Tail Pennington	_					Traverse						
Clay						Koochi	ching					Pine						Wabasha Wadena		4		+	\rightarrow	
Clearwater Cook						Lac qui Lake	Parle					Pipestone Polk						Waseca					\pm	
Cottonwood						Lake of	f the Woods					Pope						Washington Watonwan					\rightarrow	
Crow Wing Dakota					\vdash	Le Sue Lincoln				\vdash	\vdash	Ramsey Red Lake						Wilkin					+	
Dodge						Lyon						Redwood						Winona						
Douglas Faribault					\vdash	Mahno Marsha						Renville Rice						Wright Yellow Medio	ine				\rightarrow	
Cases Per 10,00	00 Peo	ple			>0 to		10 to <25		25 to	<50		50 to <75		75+										

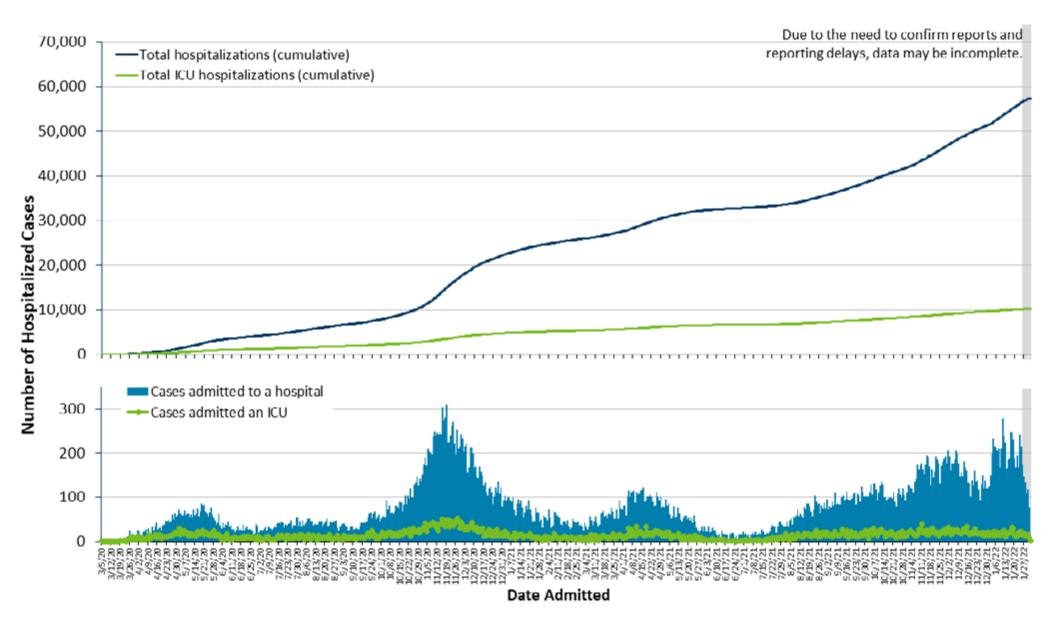
Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

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.



10,785 Total ICU Hospitalization (cumulative)

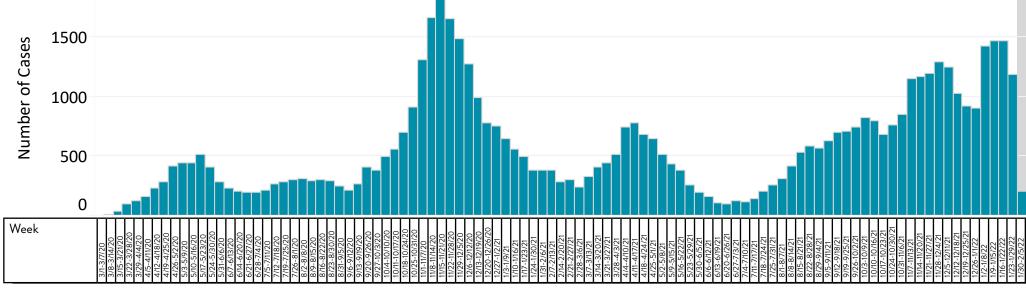


Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

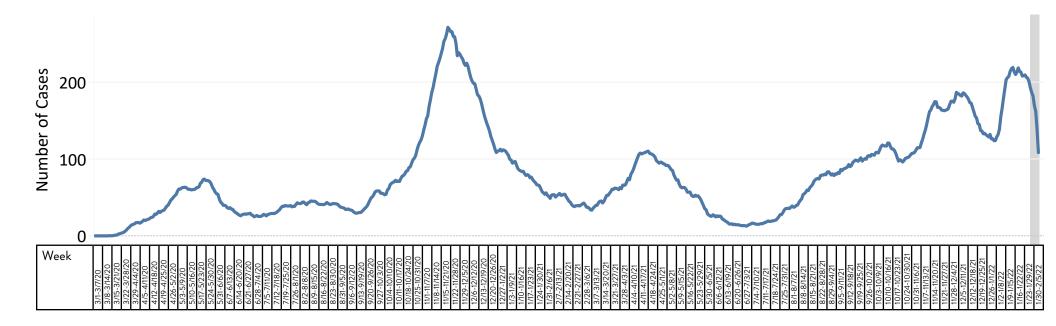
Hospitalizations by Week, 7-Day Average

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

New Hospitalization by Week First Hospital Admission



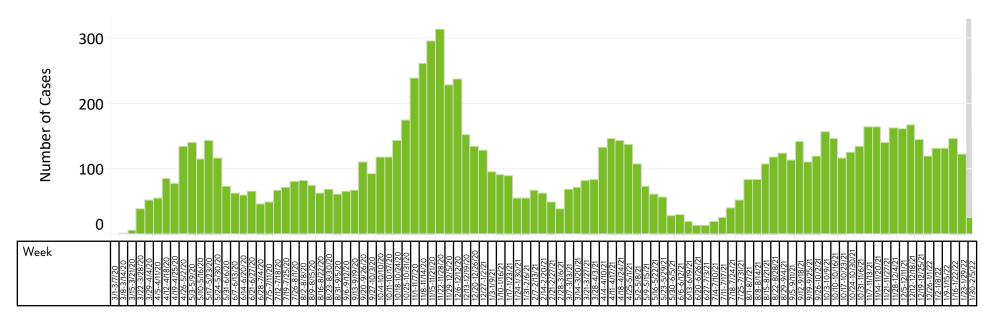
Seven Day Moving Average of New Hospitalizations



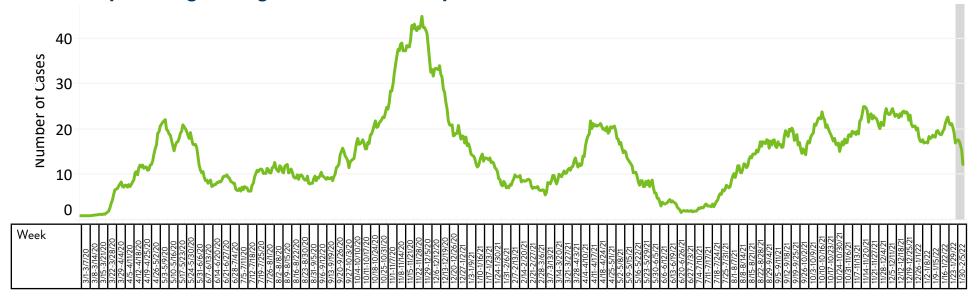
ICU Hospitalizations by Week, 7-Day Average

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



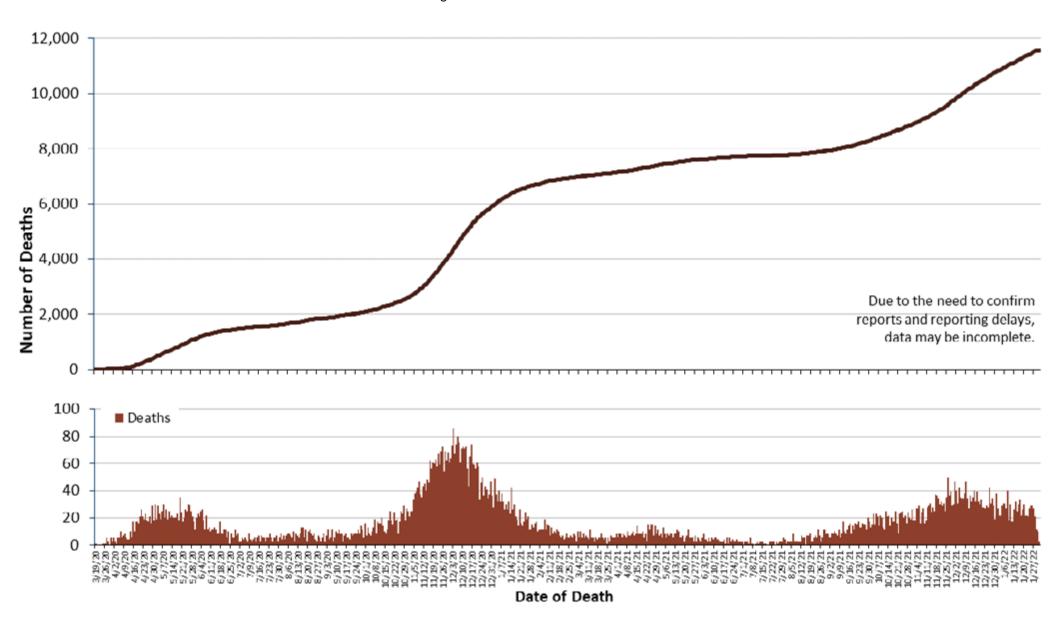
Seven Day Moving Average of New ICU Hospitalizations



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.).

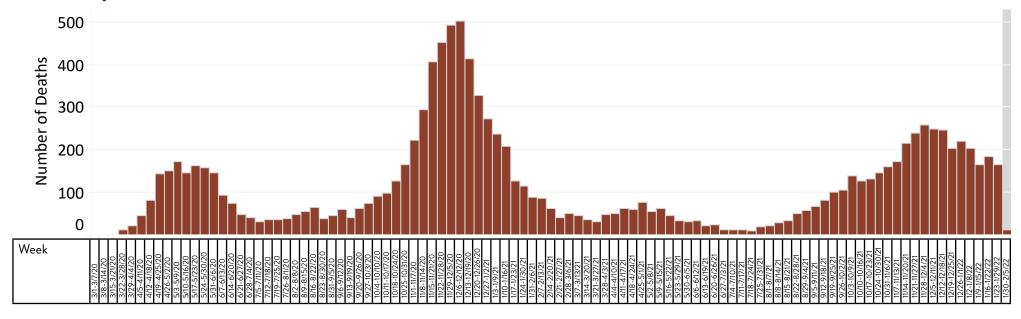


Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: <u>Minnesota Situation Update for Coronavirus Disease</u> 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

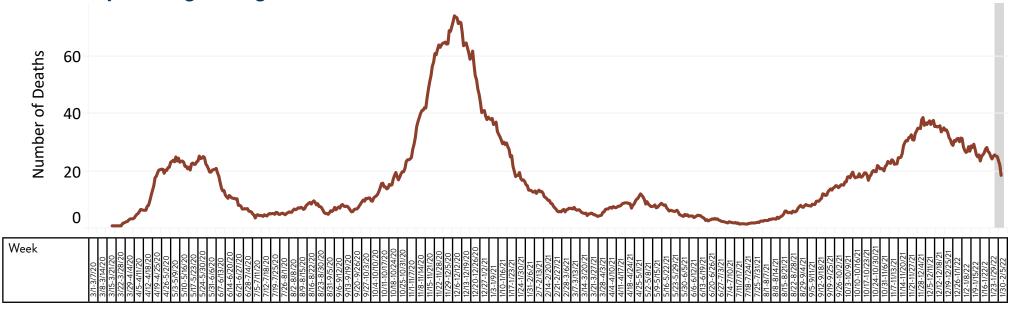
Deaths by Week, 7-Day Average

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

Deaths by Week of Death

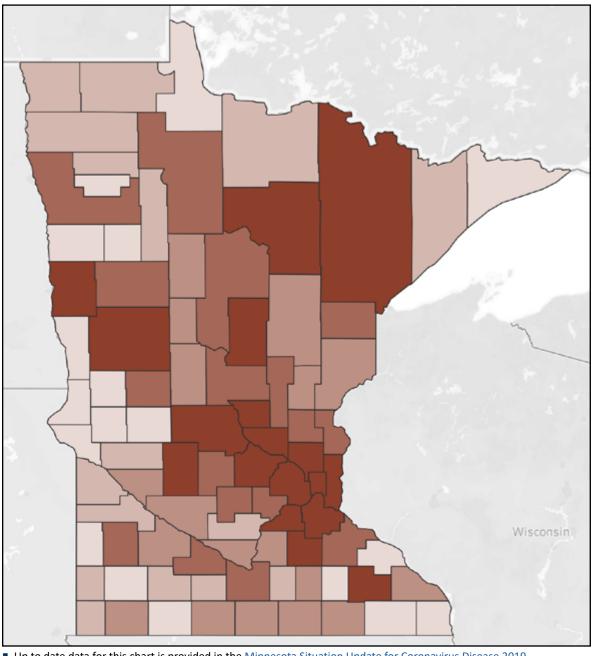


Seven Day Moving Average of Deaths



Deaths by County of Residence

Cumulative number of deaths by county of residence.



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

County	Deaths	County	Deaths
Aitkin	59	Martin	54
Anoka	743	McLeod	98
Becker	86	Meeker	73
Beltrami	114	Mille Lacs	103
Benton	162	Morrison	94
Big Stone	8	Mower	60
Blue Earth	88	Murray	15
Brown	71	Nicollet	66
Carlton	84	Nobles	57
Carver	102	Norman	13
Cass	70	Olmsted	153
Chippewa	46	Otter Tail	155
Chisago	114	Pennington	36
Clay	117	Pine	59
Clearwater	29	Pipestone	33
Cook	2	Polk	95
Cottonwood	38	Pope	16
Crow Wing	154	Ramsey	1,257
Dakota	717	Red Lake	11
Dodge	15	Redwood	51
Douglas	112	Renville	53
Faribault	46	Rice	163
Fillmore	21	Rock	32
Freeborn	65	Roseau	41
Goodhue	116	Scott	236
Grant	12	Sherburne	168
Hennepin	2,395	Sibley	23
Houston	18	St. Louis	491
Hubbard	56	Stearns	344
Isanti	109	Steele	50
ltasca	129	Stevens	12
Jackson	16	Swift	31
Kanabec	53	Todd	54
Kandiyohi	129	Traverse	9
Kittson	26	Wabasha	15
Koochiching	34	Wadena	48
Lac qui Parle	28	Waseca	38
Lake	26	Washington	450
Lake of the Woods	5	Watonwan	22
Le Sueur	47	Wilkin	20
Lincoln	5	Winona	67
Lyon	70	Wright	291
Mahnomen	17	Yellow Medicine	27
Marshall	23	Unknown/missing	0

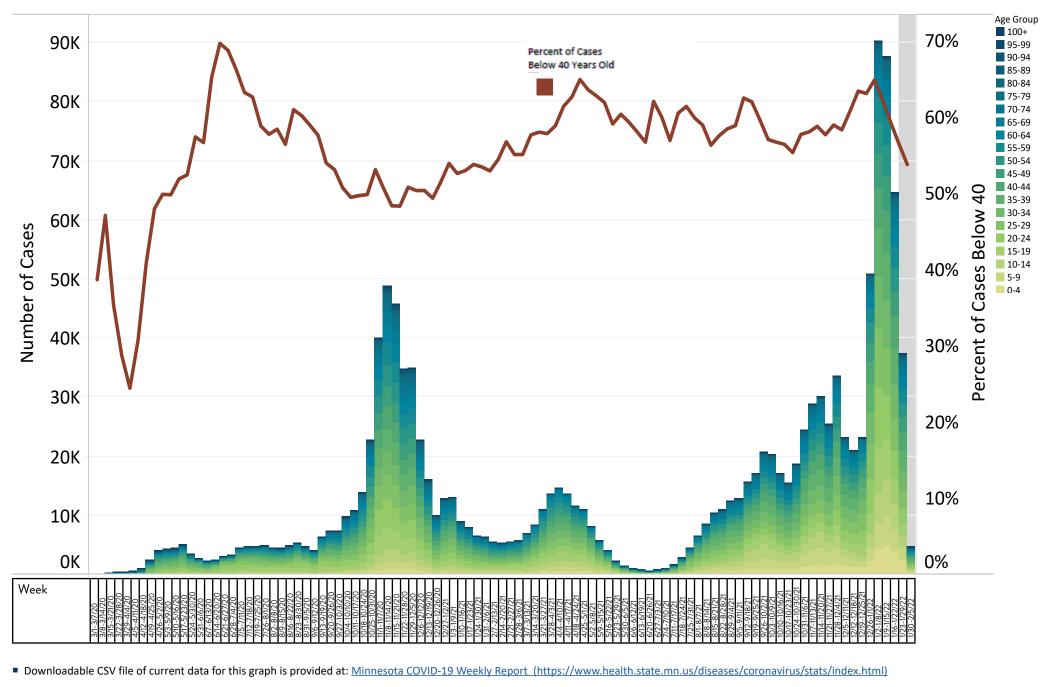
11,561 Total Deaths (cumulative)

Demographics: Age			Median Age (Range) in Years
	All Cases	35 (<1 month - 113)	
Age groups, median age, and range for cases.	Non-Hospitalized Cases	34 (<1 month - 113)	
	Hospitalizations	62 (<1 month - 105)	
		ICU Hospitalizations	62 (<1 month - 105)
		Deaths	80 (<1 - 109)
16%			
	portion of Cases		
	portion of Hospitalizations portion of ICU Admissions		
Pror	portion of Deaths		
12%			
10%			
Bercent of Cases			
te et e			
- 6%			
4%			
2%			
Age Group	4 0 4 0 4 0 4	0 4 0 4	o 4 0
(in years)	30-34 35-39 45-49 50-54 55-59 60-64	65-69 70-74 75-79 80-84	85-89 90-94 95-99 95-99 100+ 100k./ ^{missing}
	18,592 115,251 104,146 88,370 88,102 84,111 71,51'		11,760 7,171 2,618 495 84 1,352,448
	2,688 2,698 2,679 3,018 3,967 4,936 5,788	3 5,462 5,568 4,915 4,326	3,235 1,775 544 54 2 57,714
ICU Hospitalizations 127 55 70 155 144 211	316 428 473 653 865 1,062 1,37		420 174 48 2 2 10,785
Deaths 1 2 1 4 9 31	59 80 122 184 313 485 770	928 1,226 1,416 1,716	1,821 1,527 727 139 0 11,561

Cases by Age Group and Specimen Collection Date

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

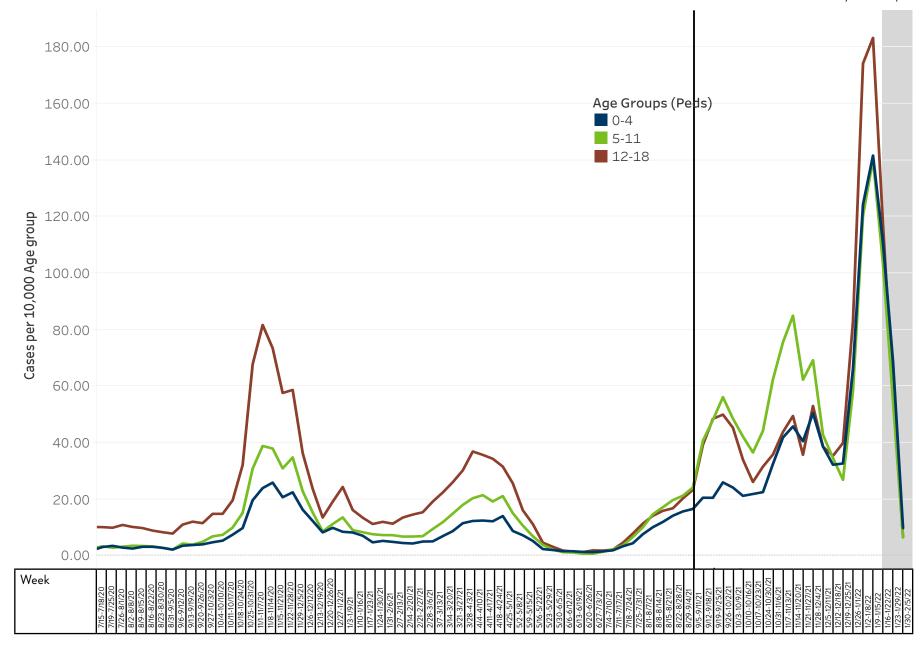
Due to the need to confirm reports and reporting delays, data may be incomplete



Case Rate in Children by Specimen Collection Date

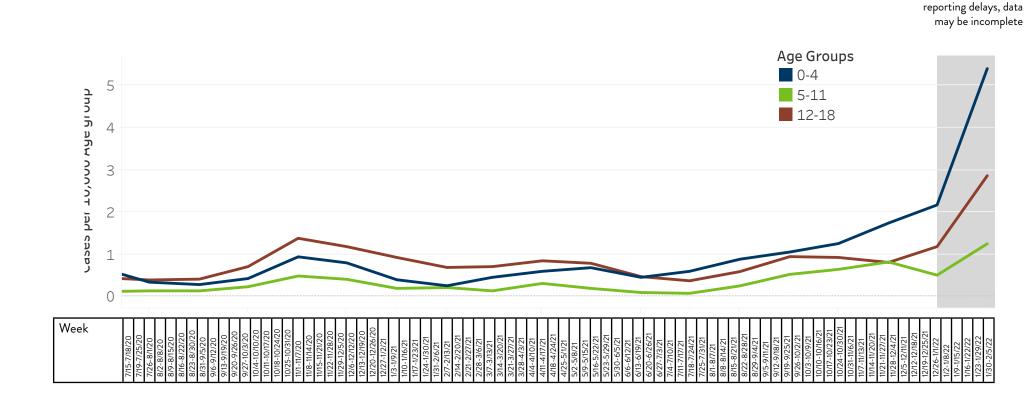
Cases by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.

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



Hospitalization Rate in Children by Specimen Collection Date

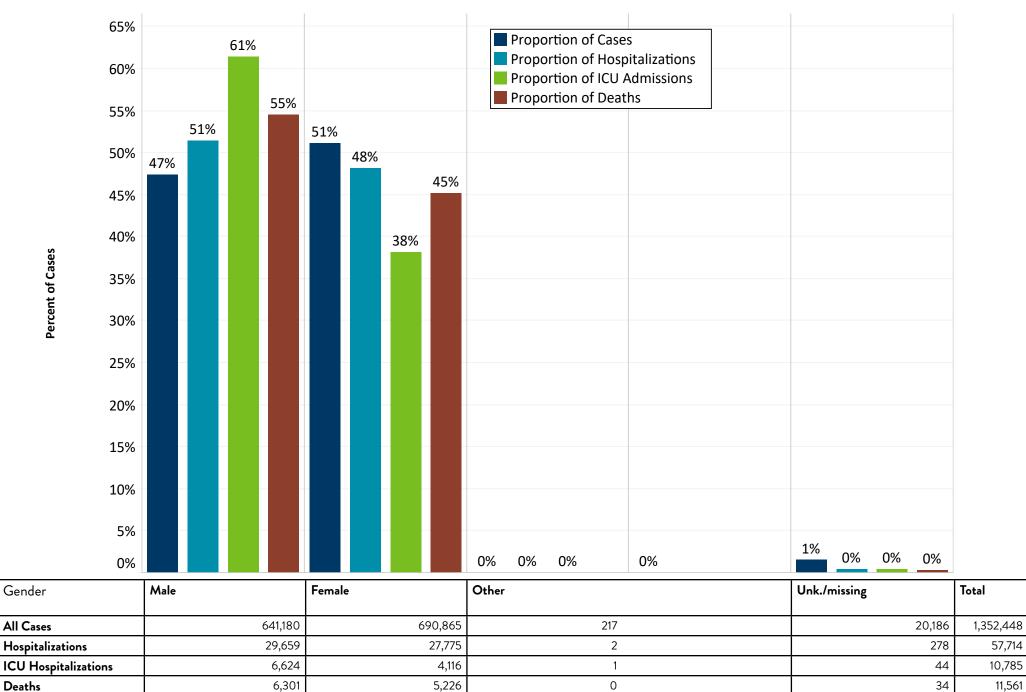
Hospitalizations by age group for children in Minnesota (cases 18 years of age and under) per 10,000 people by date of specimen collection.



Due to the need to confirm reports and

Demographics: Gender

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





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

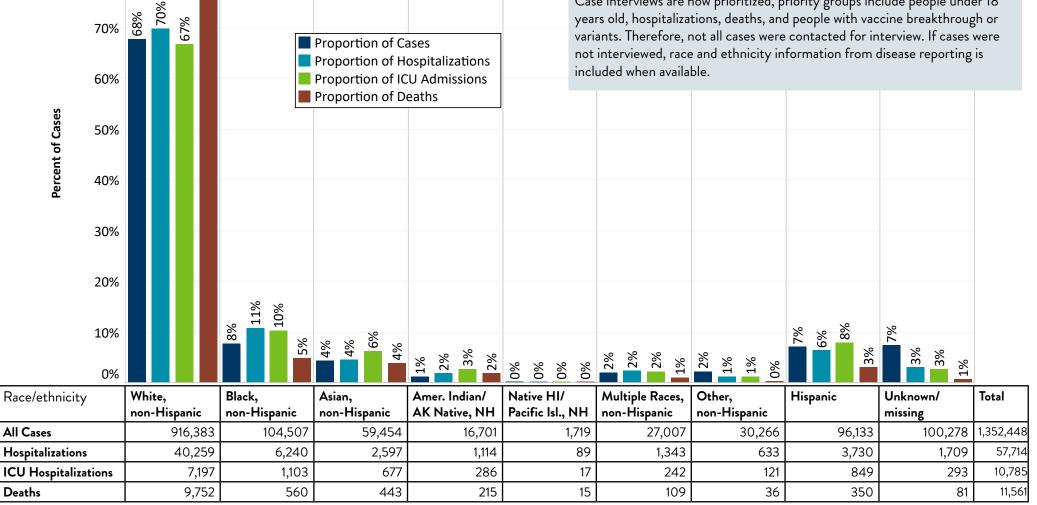
84%

90%

80%

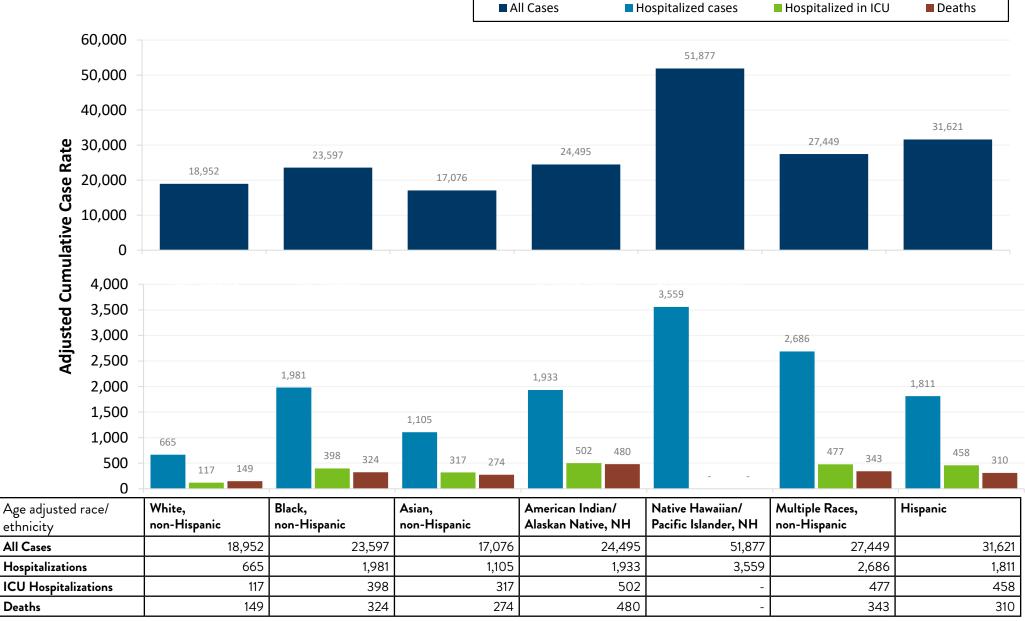
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233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

Case interviews are now prioritized, priority groups include people under 18 years old, hospitalizations, deaths, and people with vaccine breakthrough or



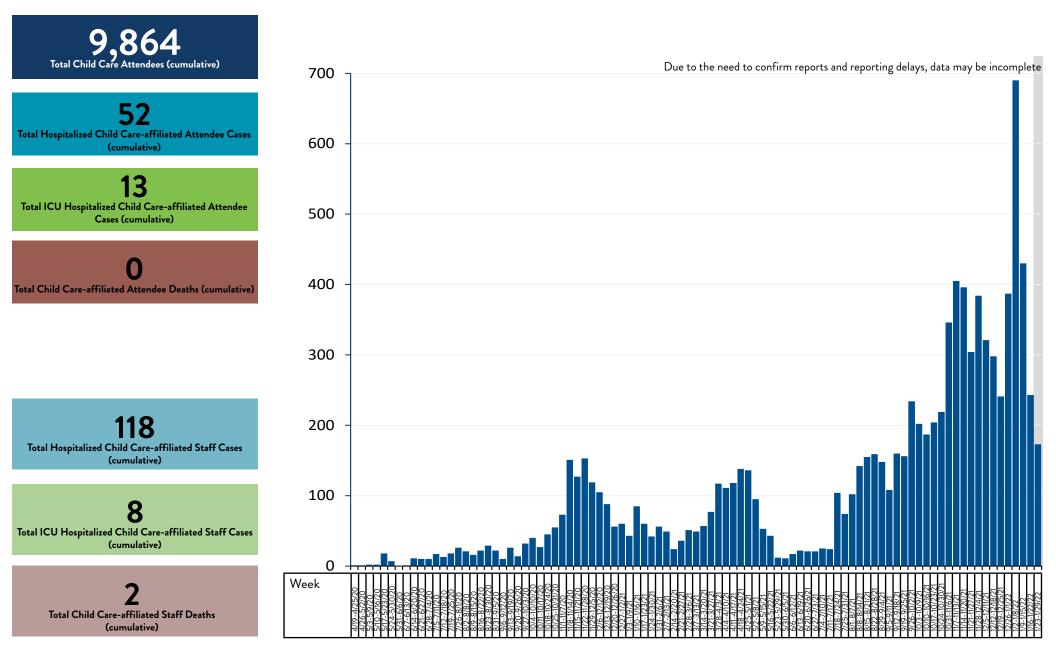
Age-Adjusted Race & Ethnicity Rates

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.



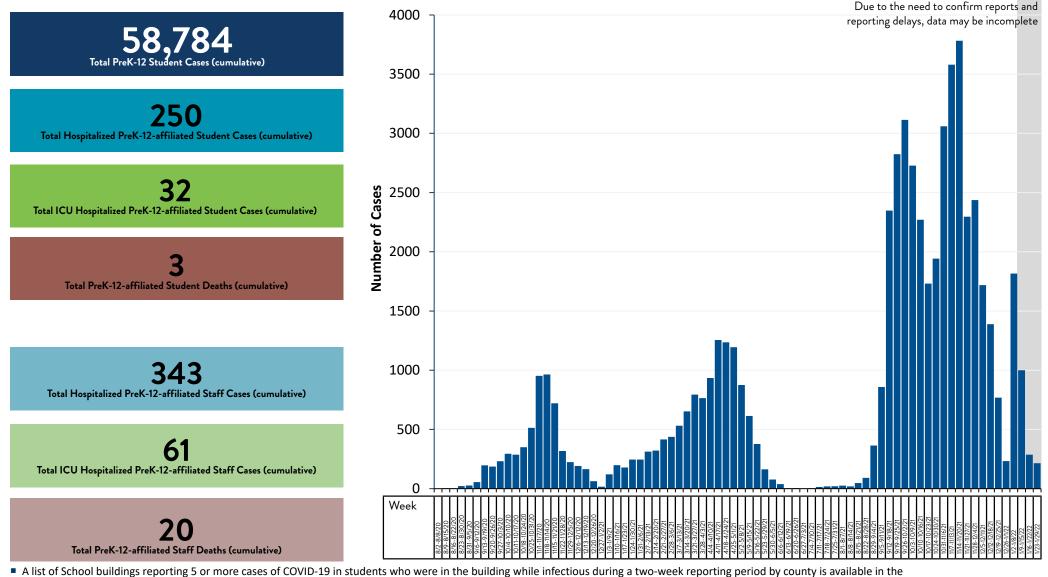
Potential Exposure in Child Care Settings

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.



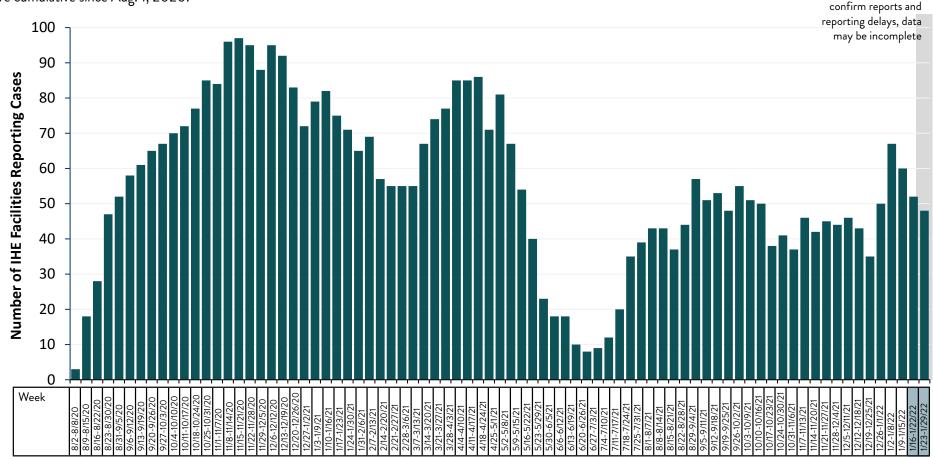
COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

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

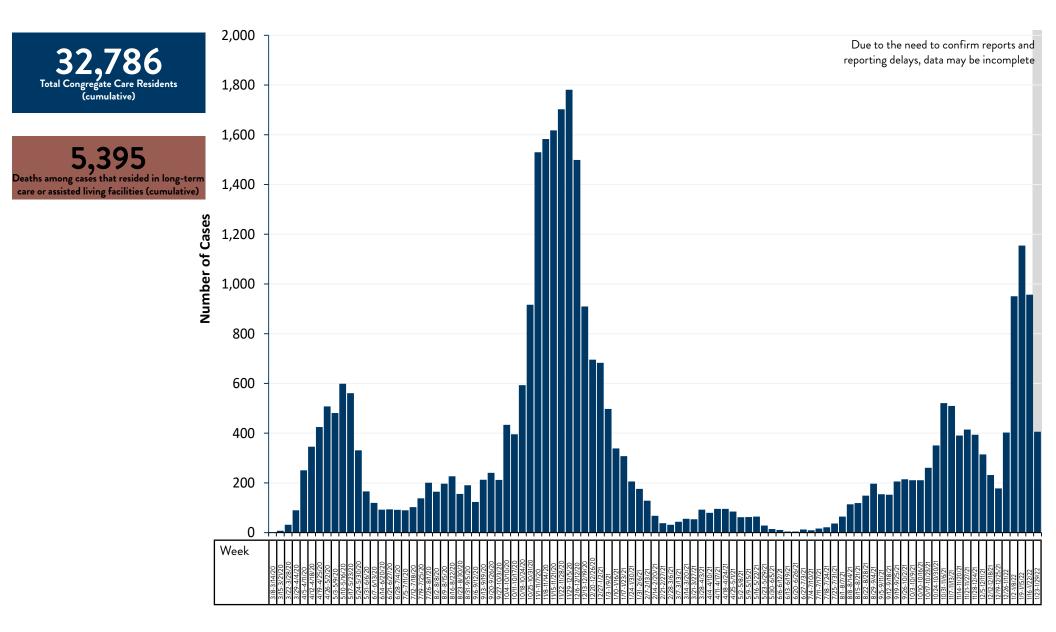


The IHE facility data will be changing in the coming weeks. This information is no longer collected for all cases.

Cases per IHE facility	Number of IHEs reporting cases 1/16-1/29/22
1-10 cases	52
11-30 cases	9
31-99 cases	4
≥100 cases	0
Total	65

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.

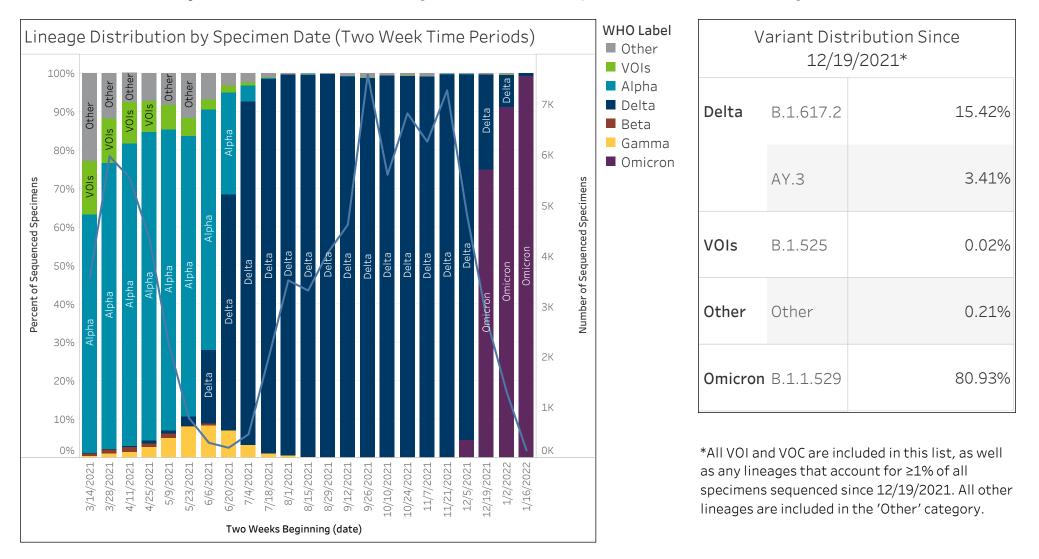


A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: <u>Minnesota Situation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

SARS-CoV-2 Variants Circulating in Minnesota

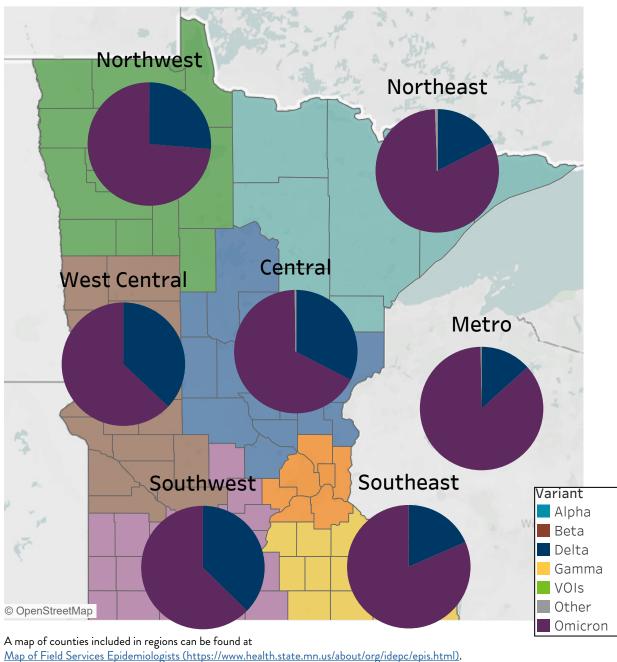
Lineage distribution of SARS-CoV-2 variants in Minnesota. The line indicates number of specimens sequenced, while the bars show proportions of each variant identified.

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>)



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.



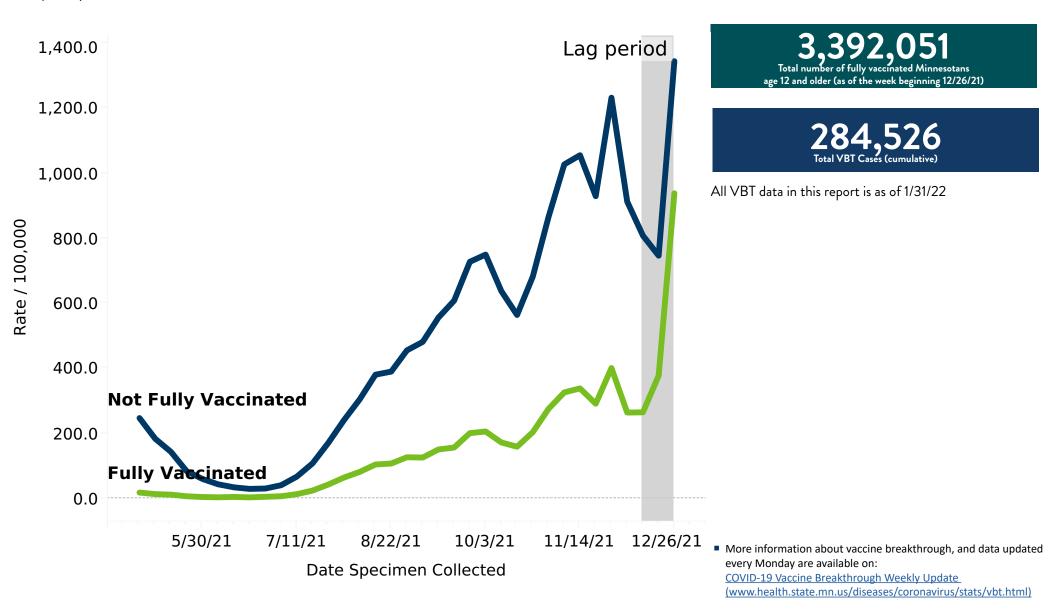
		VOIs	0.00%	VOIs
		Metro		
	4	Alpha	0.00%	
		Beta	0.00%	
		Delta	13.34%	
		Gamma	0.00%	
		Omicron	86.42%	
		Other	0.21%	
	Variant	VOIs	0.03%	
187	🗖 Alpha			
- Wi	Beta			
	🗖 Delta			
	📒 Gamma			
	VOIs			
1	🔲 Other			
	Omicron			

Region & Variant	Variant %	Region & Variant	Variant %	
Northwest		Northeast		
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	26.32%	Delta	17.47%	
Gamma	0.00%	Gamma	0.00%	
Omicron	73.68%	Omicron	81.93%	
Other	0.00%	Other	0.60%	
VOIs	0.00%	VOIs	0.00%	
West Central		Central		
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	37.04%	Delta	32.54%	
Gamma	0.00%	Gamma	0.00%	
Omicron	62.96%	Omicron	67.15%	
Other	0.00%	Other	0.32%	
VOIs	0.00%	VOIs	0.00%	
Southwest		Southeast		
Alpha	0.00%	Alpha	0.00%	
Beta	0.00%	Beta	0.00%	
Delta	37.35%	Delta	18.48%	
Gamma	0.00%	Gamma	0.00%	
Omicron	62.65%	Omicron	81.52%	
Other	0.00%	Other	0.00%	
VOIs	0.00%	VOIs	0.00%	
Metro				
Alpha	0.00%			
Beta	0.00%			
Delta	13.34%			
Gamma	0.00%			
Omicron	86.42%			
Other	0.21%			
VOIs	0.03%			

Vaccine Breakthrough (VBT) Cases

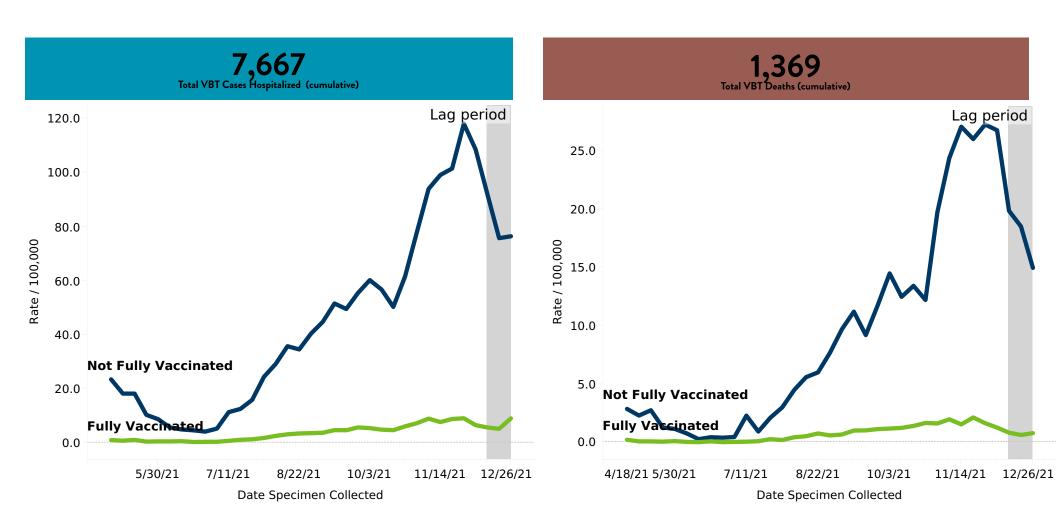
Vaccine breakthrough cases are defined as Minnesota residents with a positive COVID-19 test result (PCR or antigen) with a symptom onset date (or collection date if asymptomatic) 14 or more days after they have completed all recommended doses of a COVID-19 vaccine. VBT data has a lag period of one month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

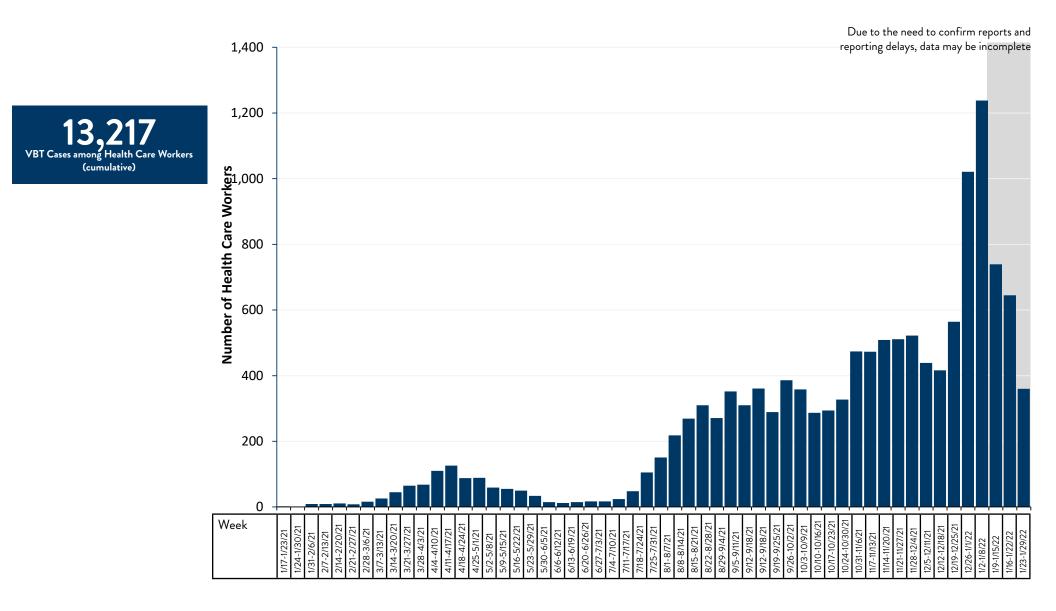
These graphs show vaccine breakthrough cases stratified by age to better illustrate the impact of COVID-19 across different age groups. Fully vaccinated is defined as 14 or more days after they have completed all recommended doses of a COVID-19 vaccine.

Hospitalizations: Rate by age group per 100,000

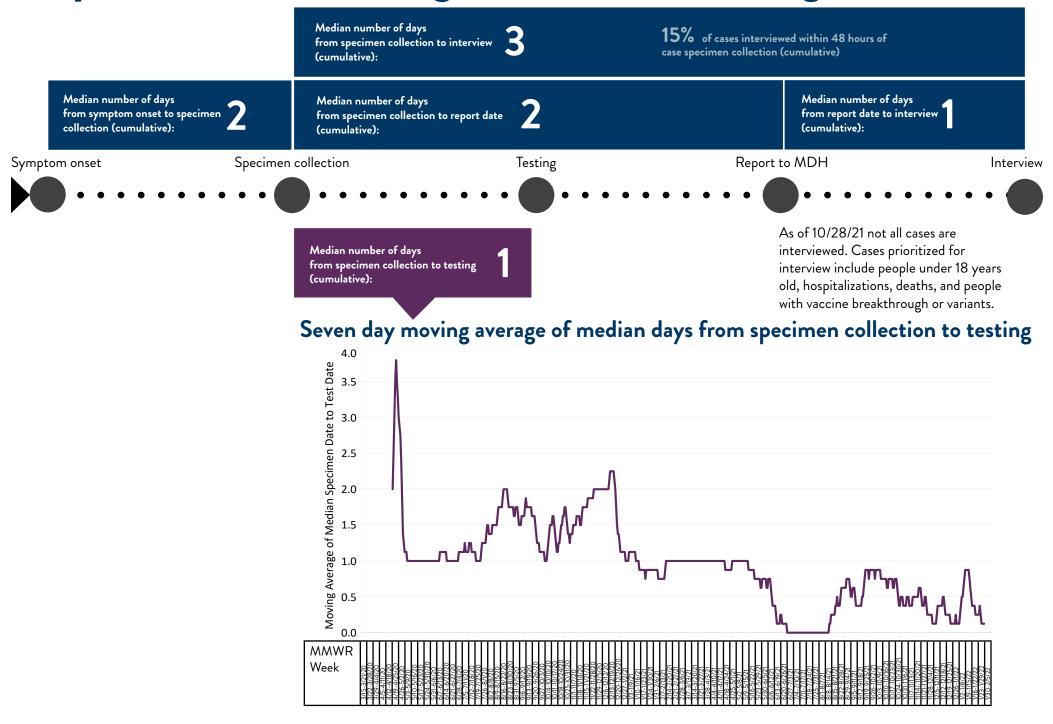
Cases: Rate by age group per 100,000 Week starting: 5/2/2021 to 12/26/2021 Week starting: 5/2/2021 to 12/26/2021 12-17 Fully Vaccinated 0.4 Not Fully Vaccinated 2.5 131.1 12 - 17**Fully Vaccinated** 18-49 1.7 Fully Vaccinated 14.6 Not Fully Vaccinated 332.7 4.3 50-64 Not Fully Vaccinated Fully Vaccinated 37.0 Not Fully Vaccinated 14.3 65 +Fully Vaccinated 18-49207.0 **Fully Vaccinated** 160.1 Not Fully Vaccinated 416.9 Not Fully Vaccinated **Deaths:** Rate by age group per 100,000 Week starting: 5/2/2021 to 12/26/2021 12-17 Fully Vaccinated 50-64 151.1 **Fully Vaccinated** Not Fully Vaccinated 18-49 0.0 **Fully Vaccinated** 332.3 Not Fully Vaccinated Not Fully Vaccinated 0.7 0.5 50-64 Fully Vaccinated 65 +112.6 **Fully Vaccinated** 5.0 Not Fully Vaccinated 4.0 65+ Fully Vaccinated 623.2 Not Fully Vaccinated 45.8 Not Fully Vaccinated

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



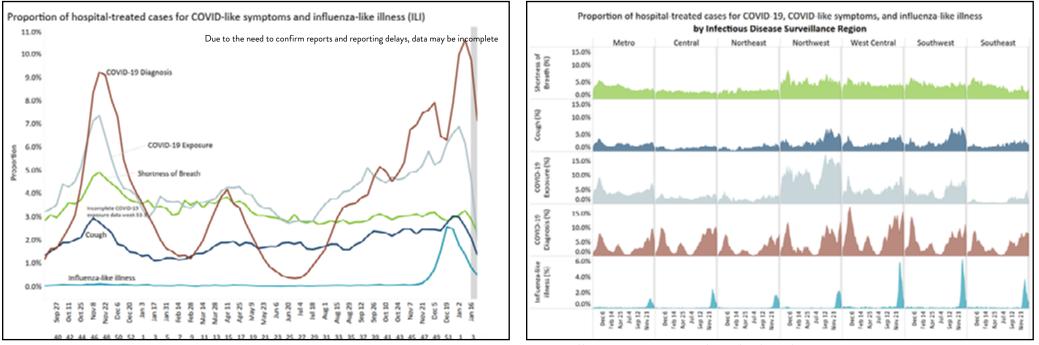
Syndromic Surveillance

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 January 29, 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.

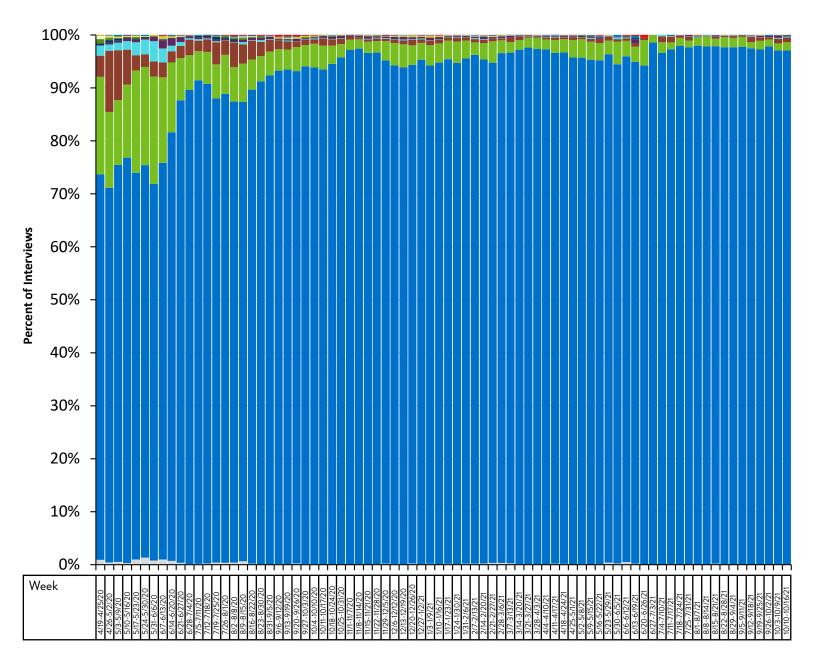
Through January 29, 2022, these data represent all patients from about 135 hospitals in Minnesota, covering approximately 90% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



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>)

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.

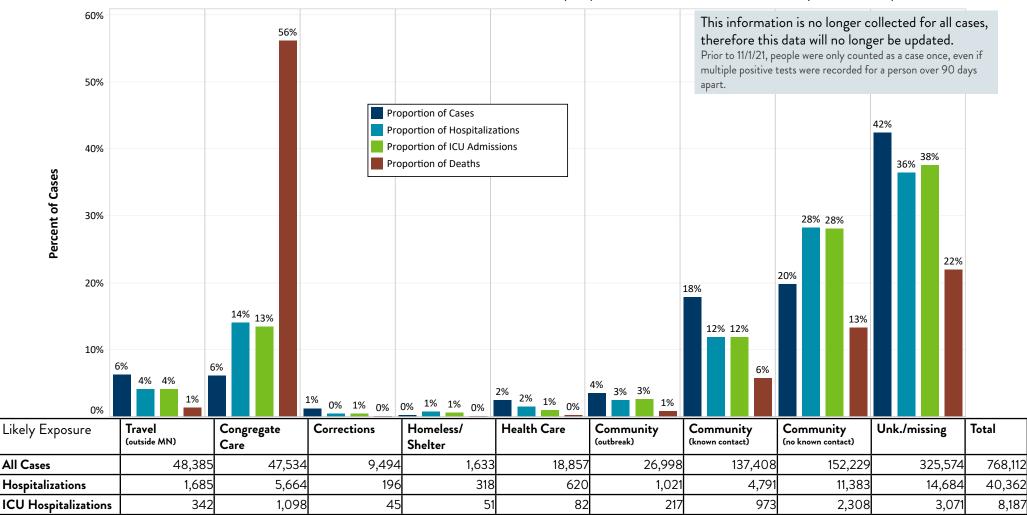
Percent of Interviews by Language and Week Spanish Language Interviews Somali Language Interviews Hmong Language Interviews by Week and County by Week and County by Week and County Week Week 38: English 97.1% 9/19-9/25/21 1.6% Spanish 0.6% Somali 0.3% Hmong 0.0% Karen 0.0% Oromo 0.0% Vietnamese 0.2% 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.

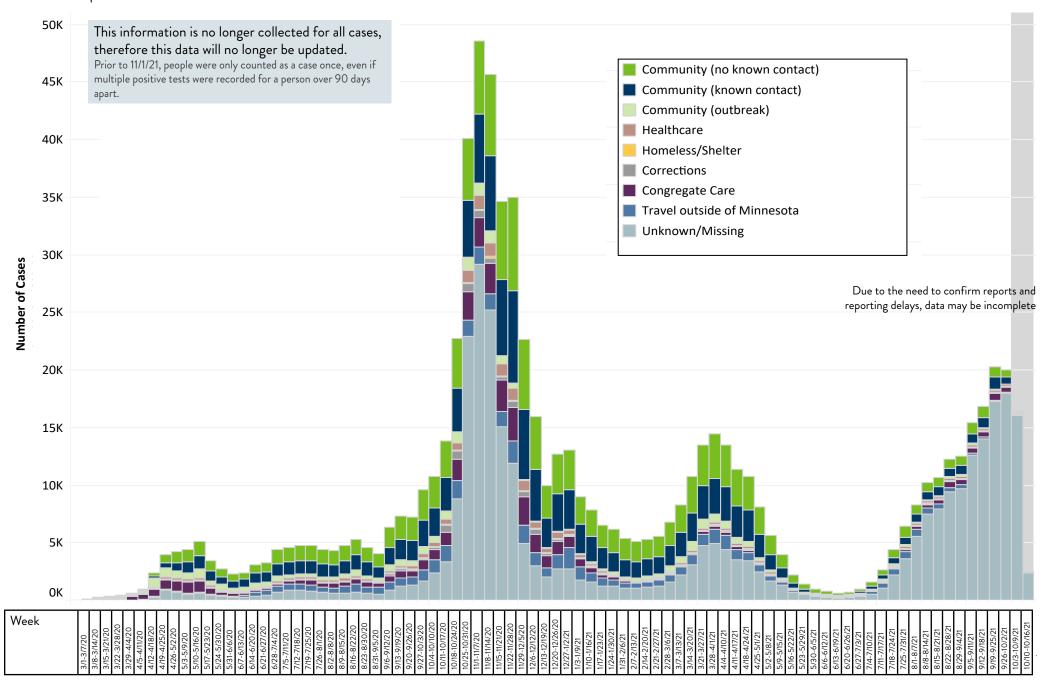
Minnesota Department of Health Weekly COVID-19 Report: Updated 10/21/2021 with data current as of 4 a.m. the previous day unless specifically noted.

8,515

1.812

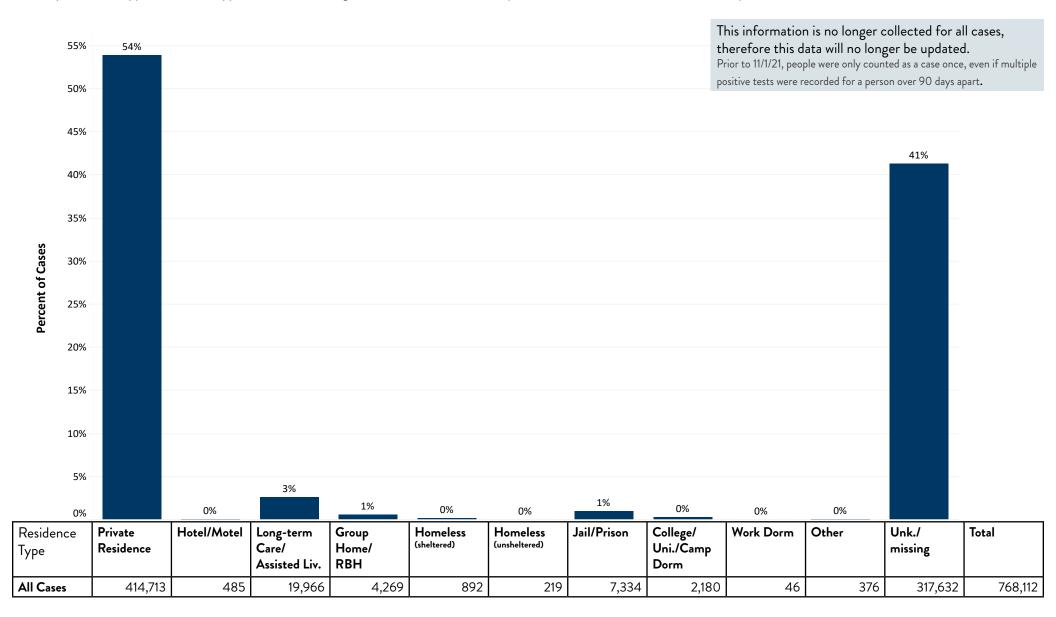
Cases by Likely Exposure and Specimen Collection Date (Archived)

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.



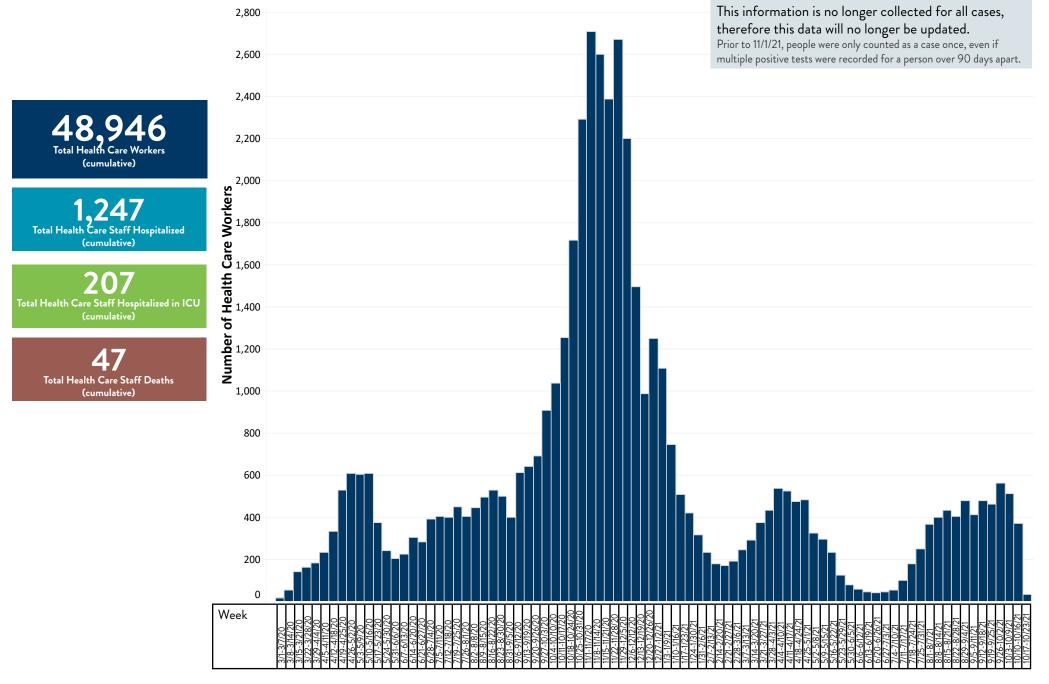
Residence Type (Archived)

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



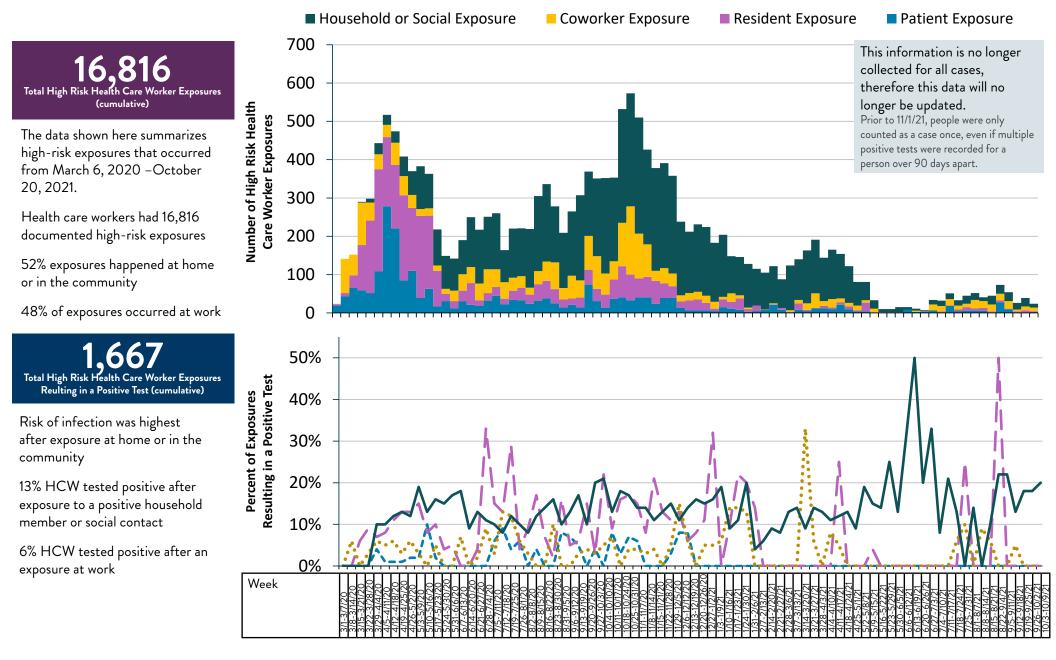
Cases among Health Care Workers (Archived)

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.

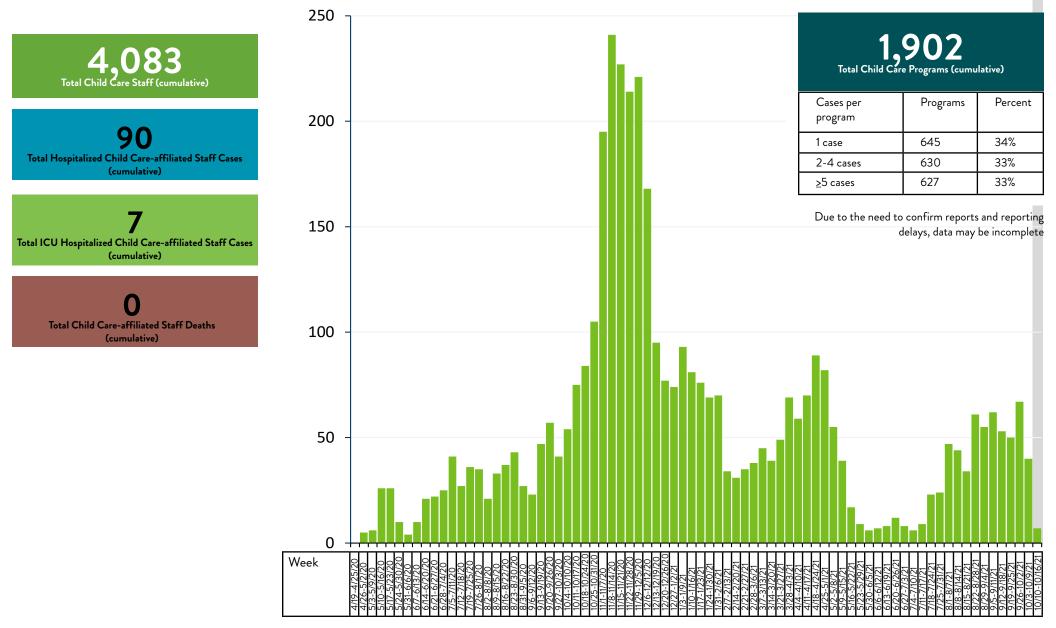


Staff with Potential Exposure in Child Care Settings (Archived)

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.

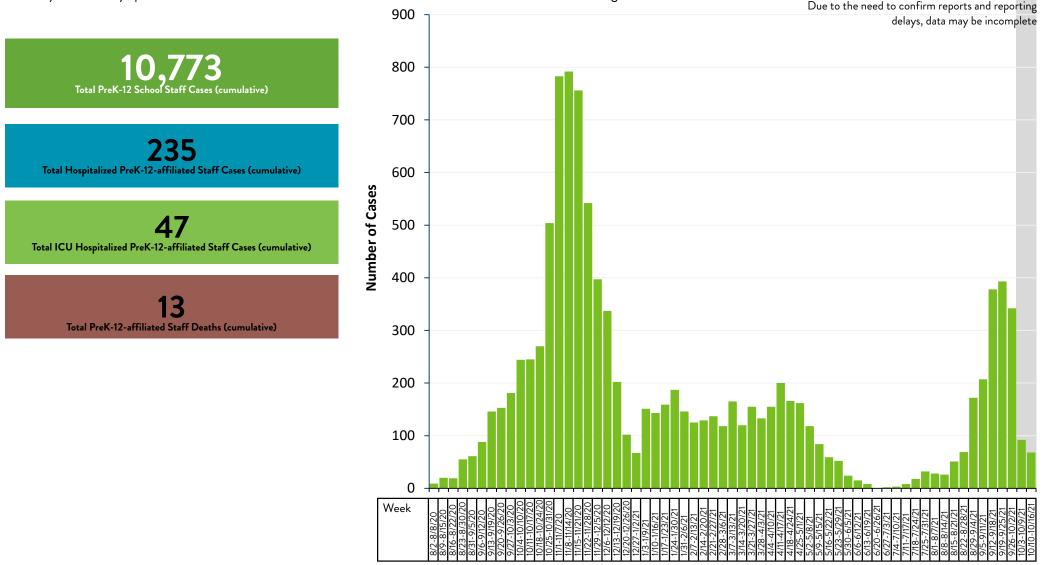


Staff Cases Associated with Pre-K through Grade 12 School Buildings (Archived)

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.

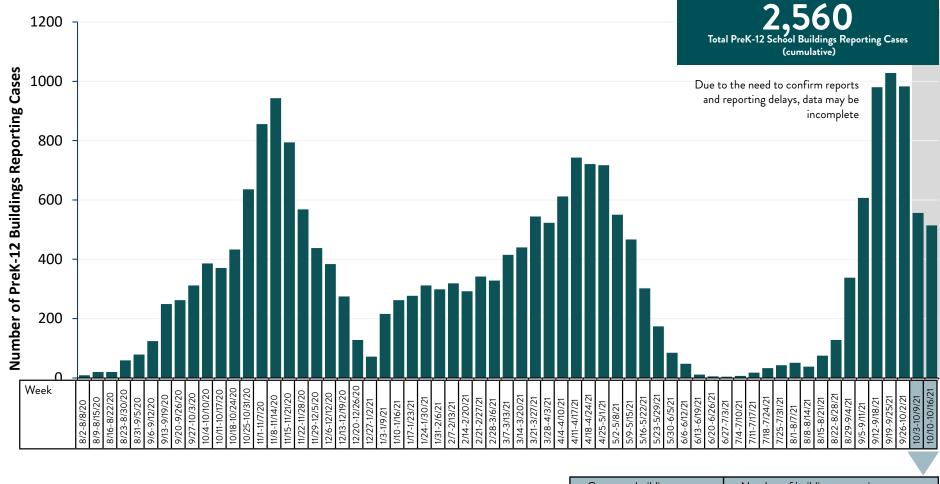


PreK-12 School Buildings Reporting Cases (Archived)

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.



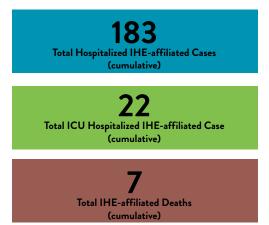
Cases per building	Number of buildings reporting cases 10/3-10/16/21			
1 case	405			
2-4 cases	324			
≥5 cases	99			
Total	828			

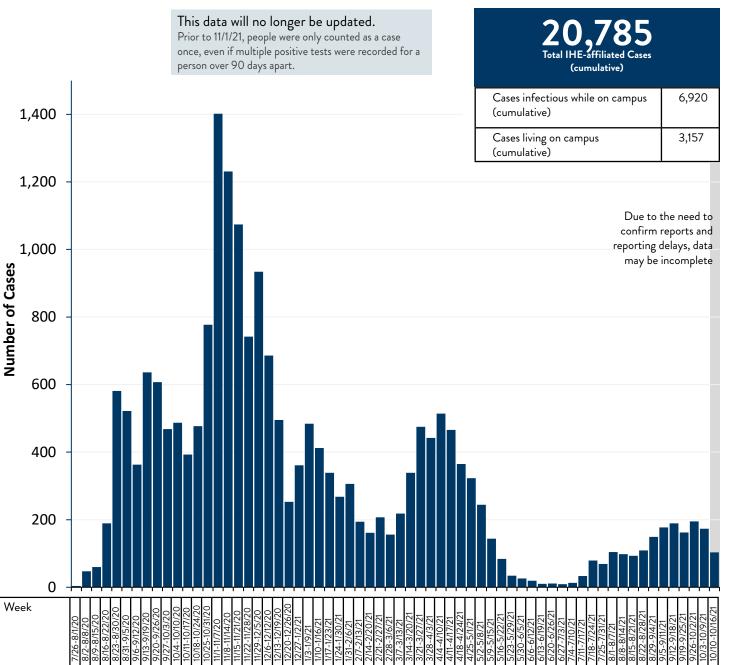
A list of School buildings reporting 5 or more cases of COVID-19 in students who were in the building while infectious during a two-week reporting period by county is available in the <u>Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)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



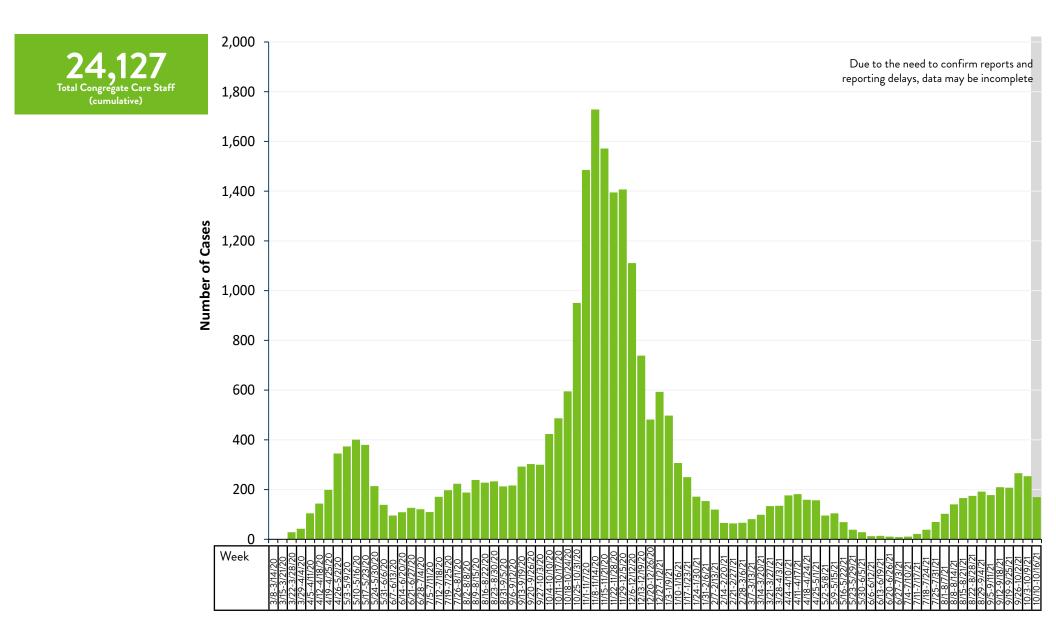


Staff Cases Associated with Congregate Care Settings (Archived)

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.

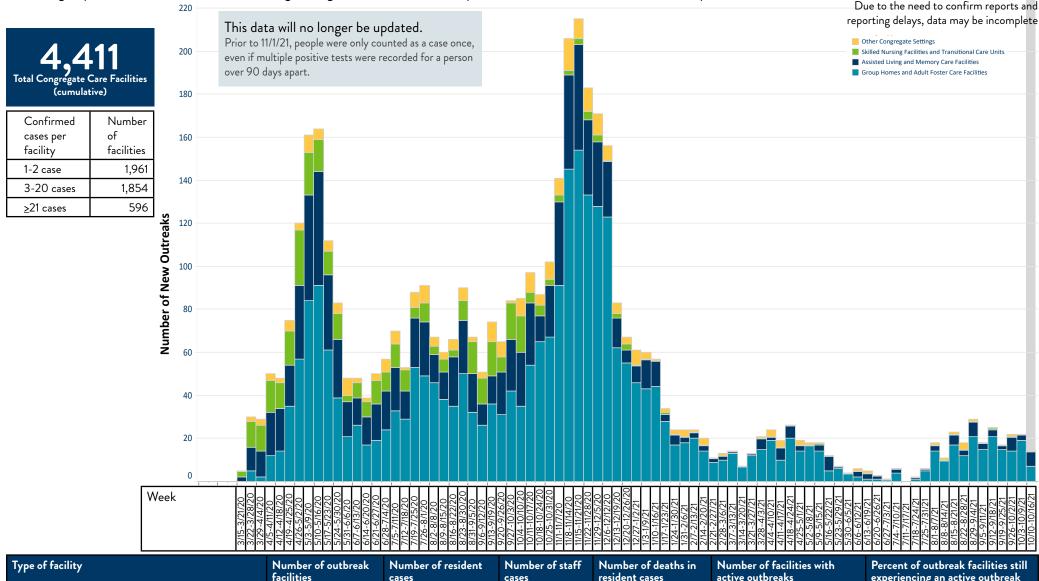
This information is no longer collected for staff in Congregate Care Settings.

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>