Minnesota Department of Health

WEEKLY COVID-19 REPORT 3/24/2022

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.

DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

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

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About Minnesota COVID-19 Data

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

COVID-19 Overview Summary



(cumulative)

1,229,715 Total Confirmed Cases (PCR positive) (cumulative)

197,072 Total Probable Cases (Antigen positive) (cumulative)

61,388 **Total Hospitalizations** (cumulative)

Total ICU Hospitalizations (cumulative)

12,362 Total Deaths (cumulative)

1.411.231 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.



<u>19,215,635</u>

(cumulative)

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.



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

Laboratory Test Rates by County of Residence

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

porting both positive and negative results are included.	Aitkin	41,723	26,350	Martin	67,280	33,701
porting both positive and negative results are included.	Anoka	1,038,486	29,890	McLeod	113,402	31,654
	Becker	106,842	31,635	Meeker	69,153	29,964
	Beltrami	124,577	27,013	Mille Lacs	88,061	34,228
	Benton	154,516	38,844	Morrison	108,842	33,033
	Big Stone	23,863	47,574	Mower	128,666	32,490
	Blue Earth	224,721	33,883	Murray	25,381	30,385
Carl and the the state of the second	Brown	91,617	36,340	Nicollet	106,404	31,496
	Carlton	148,332	41,737	Nobles	51,935	23,781
	Carver	286,212	28,503	Norman	24,789	37,794
	Cass	65,923	22,715	Olmsted	514,919	33,641
	Chippewa	45,823	38,154	Otter Tail	190,353	32,824
	Chisago	176,411	32,235	Pennington	29,003	20,448
	Clay	170,839	27,203	Pine	74,603	25,611
	Clearwater	19,814	22,485	Pipestone	30,707	33,432
	Cook	15,119	28,467	Polk	90,120	28,527
	Cottonwood	35,293	31,035	Pope	36,327	33,085
	Crow Wing	174,537	27,333	Ramsey	1,795,648	33,161
	Dakota	1,304,105	31,184	Red Lake	7,780	19,411
	Dodge	69,300	33,670	Redwood	52,518	34,256
	Douglas	127,111	34,167	Renville	55,057	37,400
	Faribault	52,340	37,666	Rice	329,908	50,165
	Fillmore	75,039	35,924	Rock	36,239	38,499
	Freeborn	120,016	39,316	Roseau	42,713	27,624
	Goodhue	163,247	35,322	Scott	410,948	28,663
	Grant	17,442	29,374	Sherburne	334,534	35,882
	Hennepin	4,239,095	34,311	Sibley	39,802	26,691
	Houston	36,432	19,521	St. Louis	707,562	35,364
	Hubbard	38,204	18,313	Stearns	526,501	33,574
	lsanti	101,138	25,950	Steele	117,056	31,916
	ltasca	141,713	31,350	Stevens	35,274	36,053
	Jackson	22,512	22,407	Swift	32,932	34,993
	Kanabec	35,255	22,029	Todd	59,293	24,261
	Kandiyohi	157,053	36,817	Traverse	11,319	33,920
	Kittson	14,419	33,246	Wabasha	77,924	36,244
	Koochiching	46,865	37,065	Wadena	61,696	45,212
Wisconsin	Lac qui Parle	26,346	38,899	Waseca	62,184	33,061
	Lake	38,685		Washington	852,319	33,646
	Lake of the Woods	12,055	31,649	Watonwan	33,699	30,711
	Le Sueur	69,086	24,689	Wilkin	16,146	25,455
	Lincoln	17,490	30,647	Winona	186,022	36,585
	Lyon	74,330	28,767	Wright	359,521	27,084
	Mahnomen	12,519	22,737	Yellow Medicine	32,509	32,944
	Marshall	18,034	19,201	Unknown/missing	770,574	D (

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33,962 rate of tests per 10,000 people statewide (cumulative)

Number of Tests Cumulative Rate

Number of Tests Cumulative Rate

County

Percent of Tests Positive by County of Residence

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



County	% Positive (cumulative)	County	% Positive (cumulative)
Aitkin	7.2%	Martin	8.1%
Anoka	9.6%	McLeod	9.5%
Becker	7.4%	Meeker	8.4%
Beltrami	9.4%	Mille Lacs	8.9%
Benton	8.9%	Morrison	8.5%
Big Stone	5.7%	Mower	8.9%
Blue Earth	8.0%	Murray	7.8%
Brown	7.2%	Nicollet	7.5%
Carlton	5.9%	Nobles	12.6%
Carver	8.9%	Norman	5.7%
Cass	10.4%	Olmsted	7.8%
Chippewa	6.6%	Otter Tail	6.7%
Chisago	8.4%	Pennington	10.6%
Clay	8.8%	Pine	8.9%
Clearwater	10.4%	Pipestone	6.1%
	3.8%		
Cook	3.8%	Polk	7.3%
		Pope	8.0%
Crow Wing	9.0%	Ramsey	7.3%
Dakota	8.7%	Red Lake	10.7%
Dodge	8.0%	Redwood	7.3%
Douglas	8.4%	Renville	6.8%
Faribault	7.2%	Rice	5.3%
Fillmore	6.4%	Rock	5.8%
Freeborn	7.8%	Roseau	10.4%
Goodhue	7.9%	Scott	9.2%
Grant	8.0%	Sherburne	9.2%
Hennepin	7.4%	Sibley	8.4%
Houston	7.3%	St. Louis	6.8%
Hubbard	11.7%	Stearns	9.4%
Isanti	9.5%	Steele	8.9%
ltasca	7.7%	Stevens	7.6%
Jackson	9.1%	Swift	7.1%
Kanabec	9.8%	Todd	10.2%
Kandiyohi	8.5%	Traverse	6.9%
Kittson	7.0%	Wabasha	6.9%
Koochiching	6.2%	Wadena	8.0%
Lac qui Parle	6.2%	Waseca	8.9%
Lake	5.5%	Washington	8.2%
Lake of the Woods	6.4%	Watonwan	8.1%
Le Sueur	8.5%	Wilkin	8.5%
Lincoln	6.5%	Winona	6.6%
Lyon	9.7%	Wright	9.8%
Mahnomen	8.4%	Yellow Medicine	7.1%
Marshall	11.0%	Unknown/missing	5.4%

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7.9% % positive statewide (cumulative)

Weekly Percent of Tests Positive by County of Residence

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



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

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Testing Demographics: Age

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



Testing Demographics: Gender

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



Positive COVID-19 Cases

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



including Reinfections

(cumulative)

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

New Cases by Week, 7-Day Average

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

New Cases by Week of Specimen Collection

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



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

Seven Day Moving Average of New Cases



Cases by County of Residence Cumulative number of positive cases by county of residence, cases no longer needing isolation. Cases no longer needing isolation represents individuals with COVID-19 who no longer need to self-isolate.

MDH does not track cases over time to determine whether they have fully recovered.



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

• Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Total Pos	1,426,787 itive Cases (cui	mulative)	1,411,231 No Longer Needing Isolation (cumulat				
County	Cases (cumulative)	Cases no longer needing isolation	County	Cases (cumulative)	Cases no longer needing isolation		
Aitkin	2,941	2,876	Martin	5,566	5,490		
Anoka	98,094	97,158	McLeod	10,536	10,407		
Becker	8,758	8,642	Meeker	5,918	5,840		
Beltrami	11,951	11,785	Mille Lacs	7,206	7,084		
Benton	13,976	13,784	Morrison	9,059	8,941		
Big Stone	1,379	1,368	Mower	11,807	11,707		
Blue Earth	17,811	17,681	Murray	2,026	2,007		
Brown	6,515	6,432	Nicollet	7,961	7,872		
Carlton	8,838	8,726	Nobles	6,929	6,861		
Carver	26,521	26,347	Norman	1,489	1,474		
Cass	6,983	6,880	Olmsted	40,563	40,158		
Chippewa	3,068	3,018	Otter Tail	13,498	13,296		
Chisago	14,467	14,330	Pennington	3,532	3,488		
Clay	19,715	19,577	Pine	6,987	6,912		
Clearwater	2,148	2,113	Pipestone	1,983	1,948		
Cook	550	544	Polk	8,830	8,713		
Cottonwood	3,210	3,159	Pope	3,023	3,002		
Crow Wing	15,885	15,679	Ramsey	123,409	121,795		
Dakota	109,450	108,412	Red Lake	930	916		
Dodge	5,645	5,616	Redwood	3,881	3,825		
Douglas	10,848	10,710	Renville	3,727	3,664		
Faribault	3,741	3,685	Rice	17,830	17,598		
Fillmore	4,751	4,706	Rock	2,325	2,291		
Freeborn	9,038	8,955	Roseau	4,460	4,410		
Goodhue	13,017	12,831	Scott	40,007	39,696		
Grant	1,463	1,450	Sherburne	27,174	26,971		
Hennepin	296,851	293,482	Sibley	3,490	3,459		
Houston	4,501	4,473	St. Louis	46,618	45,916		
Hubbard	4,918	4,848	Stearns	50,634	50,223		
Isanti	10,063	9,939	Steele	10,286	10,208		
ltasca	10,985	10,823	Stevens	2,620	2,603		
Jackson	2,138	2,116	Swift	2,280	2,247		
Kanabec	3,478	3,420	Todd	6,734	6,664		
Kandiyohi	13,389	13,237	Traverse	850	839		
Kittson	1,036	1,009	Wabasha	5,547	5,516		
Koochiching	2,699	2,655	Wadena	4,200	4,140		
Lac qui Parle	1,737	1,709	Waseca	5,472	5,429		
Lake	2,063	2,032	Washington	66,508	65,883		
Lake of the Woods	763	757	Watonwan	2,973	2,945		
Le Sueur	6,452	6,392	Wilkin	1,653	1,620		
Lincoln	1,212	1,206	Winona	12,638	1,520		
Lyon	7,031	6,955	Wright	36,417	36,072		
Mahnomen	1,753	1,730	Yellow Medicine	2,522	2,491		
					771		
Marshall	2,080	2,052	Unknown/missing	777	//		

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	1,857	Martin	2,788
Anoka	2,823	McLeod	2,941
Becker	2,593	Meeker	2,564
Beltrami	2,591	Mille Lacs	2,801
Benton	3,513	Morrison	2,749
Big Stone	2,749	Mower	2,981
Blue Earth	2,686	Murray	2,425
Brown	2,584	Nicollet	2,357
Carlton	2,487	Nobles	3,173
Carver	2,641	Norman	2,270
Cass	2,406	Olmsted	2,650
Chippewa	2,555	Otter Tail	2,328
Chisago	2,643	Pennington	2,490
Clay	3,139	Pine	2,399
Clearwater	2,438	Pipestone	2,159
Cook	1,036	Polk	2,795
Cottonwood	2,823	Pope	2,753
Crow Wing	2,488	Ramsey	2,279
Dakota	2,617	Red Lake	2,320
Dodge	2,743	Redwood	2,531
Douglas	2,916	Renville	2,532
Faribault	2,692	Rice	2,711
Fillmore	2,275	Rock	2,470
Freeborn	2,961	Roseau	2,884
Goodhue	2,816	Scott	2,790
Grant	2,464	Sherburne	2,915
Hennepin	2,403	Sibley	2,340
Houston	2,412	St. Louis	2,330
Hubbard	2,357	Stearns	3,229
Isanti	2,582	Steele	2,805
ltasca	2,430	Stevens	2,678
Jackson	2,128	Swift	2,423
Kanabec	2,173	Todd	2,755
Kandiyohi	3,139	Traverse	2,547
Kittson	2,389	Wabasha	2,580
Koochiching	2,135	Wadena	3,078
Lac qui Parle	2,565	Waseca	2,909
Lake	1,952	Washington	2,625
Lake of the Woods	2,003	Watonwan	2,709
Le Sueur	2,306	Wilkin	2,606
Lincoln	2,124	Winona	2,485
Lyon	2,721	Wright	2,743
Mahnomen	3,184	Yellow Medicine	2,556
Marshall	2,215		_,000

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2,581 cases per 10,000 people

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Weekly Case Rate by County of Residence

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



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

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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.



11,367 Total ICU Hospitalizations (cumulative)



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

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Hospitalizations by Week, 7-Day Average

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

New Hospitalization by Week First Hospital Admission



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

Seven Day Moving Average of New Hospitalizations



ICU Hospitalizations by Week, 7-Day Average

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

New ICU Hospitalizations by Week of First ICU Hospital Admission



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

Seven Day Moving Average of New ICU Hospitalizations



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COVID-19 Deaths



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



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

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Deaths by Week, 7-Day Average

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

Deaths by Week of Death







Deaths by County of Residence

Cumulative number of deaths by county of residence.



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

Deaths (cumulative) County Deaths (cumulative) Aitkin 60 Martin 64 790 107 Anoka McLeod Becker 92 Meeker 74 Beltrami 124 Mille Lacs 113 Benton 174 Morrison 104 71 Big Stone 8 Mower Blue Earth 98 Murray 16 Brown 79 Nicollet 66 Carlton 96 Nobles 60 Carver 116 Norman 13 79 Olmsted 175 Cass Chippewa 48 Otter Tail 164 Chisago 120 41 Pennington 122 Pine 67 Clay Clearwater 30 Pipestone 34 Cook 4 Polk 104 41 Pope 17 Cottonwood 167 Ramsey 1,325 Crow Wing Red Lake 13 Dakota 762 Dodge 21 Redwood 53 116 Renville 56 Douglas 172 50 Faribault Rice Fillmore 24 Rock 33 73 Freeborn Roseau 44 127 256 Goodhue Scott 178 12 Sherburne Grant 23 2,549 Sibley Hennepin 18 526 Houston St. Louis 59 364 Hubbard Stearns 58 117 Steele lsanti 144 13 ltasca Stevens 17 Swift 33 Jackson 55 57 Kanabec Todd 137 10 Kandiyohi Traverse 27 16 Kittson Wabasha 37 Wadena 54 Koochiching 28 39 Waseca Lac qui Parle Lake 28 Washington 476 23 Lake of the Woods Watonwan 6 Le Sueur 50 Wilkin 22 Winona 72 Lincoln 6 304 72 Wright Lyon Mahnomen 17 29 Yellow Medicine Marshall 23 Unknown/missing 0 Page 21

12,362 Total Deaths (cumulative)

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Demogra

16%

14%

12%

10%

8%

6%

4%

2%

0%

0-4 57,671

844

145

Age Group (in years)

All Cases

Deaths

Hospitalizations

ICU Hospitalizations

Percent of Cases

Cumulative number of cases

nt	nic	C •	Δ	56							Γ					Me	dian /	Age (l	Range	e) in Y	ears
P '			76	5							Γ	All Ca	ses			35 ((<1 mo	nth -1	13)		
es, hosp	oitalizat	tions, a	nd dea	ths by	age gro	oup, m	edian a	ge, and	age range. Non-Hospitalized Cases 34 (<1 month - 113)				34 (<1 month - 113)								
1			Hospitalizations 62 (<1 month - 105)																		
												· · · ·					63 (<1 month - 105)				
1											. [Death	s			80	(<1 - 10)9)	1	1	
				P	roport	ion of I ion of I	Cases Hospita ICU Adi Deaths	missior													
5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unk. / missing	Total
72,147	83,276	105,294	124,396		124,961	121,783		92,480	92,436	88,585	75,505	50,655		24,896	17,966	12,636		2,805	539		1,426,787
270	432	1,033	1,725	2,377	2,917	2,873	2,815	3,143	4,164	5,197	6,105	5,782	5,892	5,232	4,609	3,430	1,902	581	63	2	61,388
60	76	167	153	222	338	446	492	675	898	1,113	1,448	1,381	1,267	1,064	743	442	182	51	2	2	11,367

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336

539

848

997

1,314

1,523

1,809

1,937

1,613

760

153

0

198

129

32

65

90

12,362

Cases by Age Group and Specimen Collection Date

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

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

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Case Rate in Children by Specimen Collection Date

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

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



Hospitalization Rate in Children by Specimen Collection Date

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

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



Demographics: Gender

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



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61,388

11,367

12,362

Demographics: Race & Ethnicity

Cumulative number of cases, hospitalizations, and deaths by race and ethnicity. Race and ethnicity is reported during case interview. Individuals who report more than one race are categorized into the multiple race category.

84%

90%

80%

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

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



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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.



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

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



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

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Minnesota IHE Facilities Reporting Cases

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



Due to the need to



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

Cases per IHE facility	Number of IHEs reporting cases 3/6-3/19/22
1-10 cases	22
11-30 cases	2
31-99 cases	2
≥100 cases	0
Total	26

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

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Resident Cases Associated with Congregate Care Settings

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



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

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

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SARS-CoV-2 Variants Circulating in Minnesota

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

SARS-CoV-2 Variants of Concern (VOC) are named using the World Health Organization (WHO) naming conventions, Variants of Interest (VOI) are included as a group. More information about naming variants can be found at <u>WHO: Tracking SARS-CoV-2 variants (https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/)</u>



SARS-CoV-2 Variants by Region

This map shows the distribution of variants across regions in the past 30 days for the cases that have been sequenced.



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

Region & Variant	Variant %	Region & Variant	Variant %			
Northwest		Northeast				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.39%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	99.61%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
West Central	•	Central				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.46%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	99.54%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
Southwest	•	Southeast				
Alpha	0.00%	Alpha	0.00%			
Beta	0.00%	Beta	0.00%			
Delta	0.00%	Delta	0.00%			
Gamma	0.00%	Gamma	0.00%			
Omicron	100.00%	Omicron	100.00%			
Other	0.00%	Other	0.00%			
VOIs	0.00%	VOIs	0.00%			
Metro						
Alpha	0.00%					
Beta	0.00%					
Delta	0.08%					
Gamma	0.00%					
Omicron	99.88%					
Other	0.04%					
VOIs	0.00%					

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Vaccine Breakthrough (VBT) Cases

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

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



VBT Hospitalizations and Deaths

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



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

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

Hospitalizations: Rate by age group per 100,000

1.4

Week starting: 5/2/2021 to 2/13/2022

Fully Vaccinated

12-17

Cases: Rate by age group per 100,000 Week starting: **5/2/2021** to **2/13/2022**



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

Response Metrics: Testing and Interview Timing



Syndromic Surveillance

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

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

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

Through March 19, 2022, these data represent all patients from about 135 hospitals in Minnesota, covering approximately 90% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.



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

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

VBT Cases among Health Care Workers (Archived)

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



Demographics: Interview Language (Archived)

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



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

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

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

Interview Language by County of Residence (Archived)

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

This information is no longer collected for all cases, therefore this data will no longer be updated. Prior to 11/1/21, people were only counted as a case once, even if multiple

positive tests were recorded for a person over 90 days apart.

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

>10% to 25%

>25% to 50%

Likely Exposure (Archived)

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



Community (outbreak): Case was exposed to a known outbreak setting in Minnesota that is not also a congregate living setting (e.g., long-term care, corrections, shelter) or health care setting. This includes restaurant/bars, sports, worksites that are not living settings, etc.

25

69

467

1.095

15

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

Deaths

117

4.901

Congregate Care Setting: Residents, and staff who are not part of a non-congregate care setting outbreak and did not have an exposure to a positive household member. Congregate care settings include long-term care facilities (LTCF), assisted living facilities, group homes, or residential behavioral health (RBH) facilities.

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

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- 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.

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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>