

Minnesota Department of Health

WEEKLY COVID-19 REPORT

8/6/2020

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

- Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
 Updated daily at 11 a.m.
- Coronavirus Disease 2019 (COVID-19) Cases in the U.S (https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html)
- Neighboring states' COVID-19 information:
 - Wisconsin: Outbreaks in Wisconsin (https://www.dhs.wisconsin.gov/outbreaks/index.htm)
 - Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
 - North Dakota: Coronavirus Cases (https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases)
 - South Dakota: Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)

About Minnesota COVID-19 Data

- Many people with COVID-19 are not tested, so the laboratory-confirmed cases in this report represent only a fraction of the total number of people in Minnesota who have had COVID-19. Data is for cases that were tested and returned positive.
- 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".
- 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 Jan. 20, 2020.



Minnesota Department of Health | health.mn.gov

COVID-19 Overview Summary

1,105,094

Total Laboratory Tests (cumulative)

58,640

Total Positive Cases (cumulative)

5,421

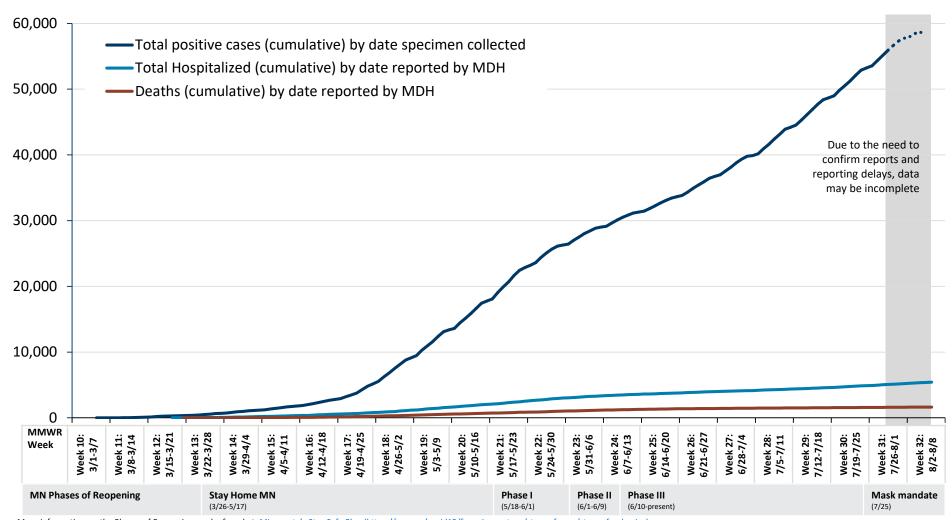
Total Hospitalizations (cumulative)

1,583

Total ICU Hospitalizations (cumulative)

1,636

Total Deaths (cumulative)

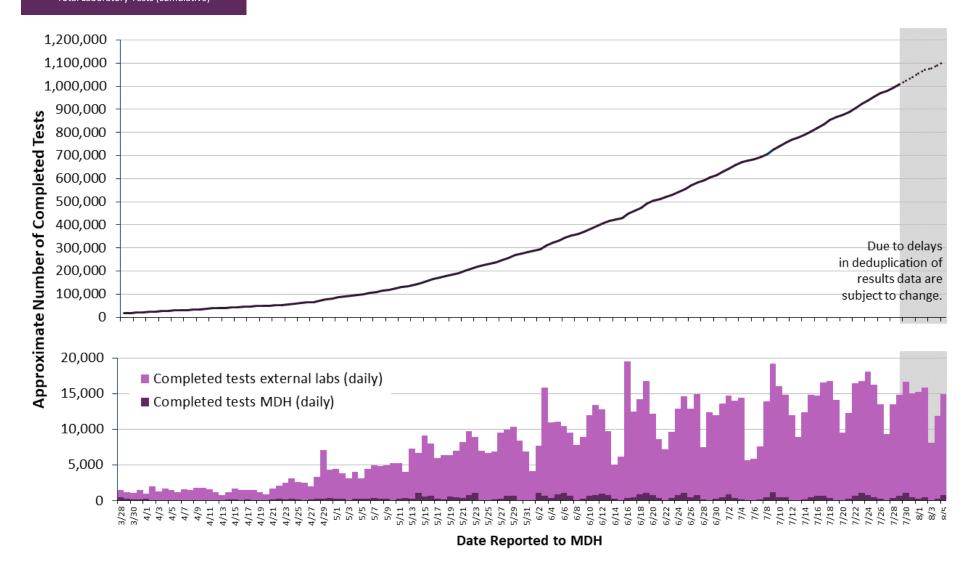


More information on the Phases of Reopening can be found at: Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp) Detailed data for this chart is outlined in the following pages. Tables of data are provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) Minnesota Department of Health Weekly COVID-19 Report: Updated 8/6/2020 with data current as of 4 p.m. the previous day.

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1,105,094 Total Laboratory Tests (cumulative)

Laboratory Tests for COVID-19



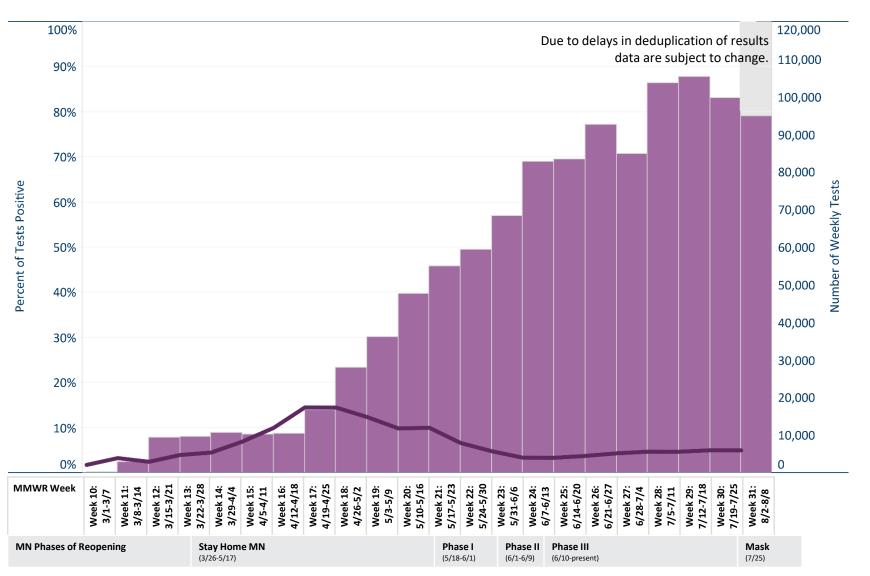
Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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 by county of residence.

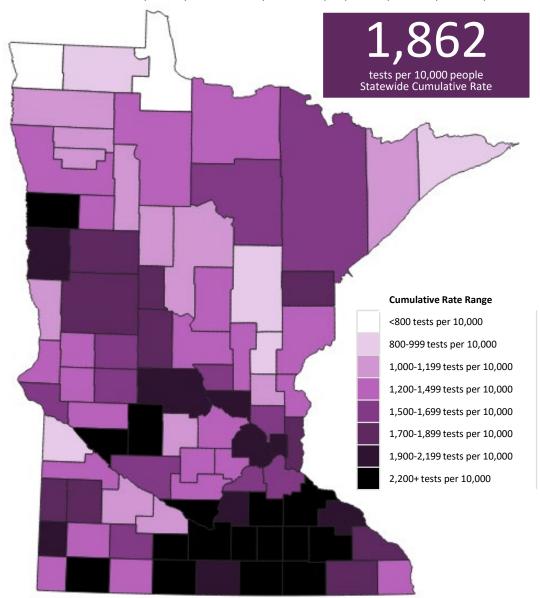
Number of Tests

Percent of Tests Positives



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.



ies reporting b	oth positive	ive results are in	cluded.	
County	Number of Tests	Cumulative Rate	County	Number of Tests
Aitkin	1,410	871	Martin	5,355
Anoka	55,995	1,666	McLeod	4,879
Becker	6,161	1,856	Meeker	2,510
Beltrami	5,944	1,310	Mille Lacs	3,192
Benton	6,581	1,689	Morrison	4,762
Big Stone	849	1,602	Mower	15,384
Blue Earth	15,493	2,355	Murray	1,217
Brown	2,810	1,078	Nicollet	7,672
Carlton	6,227	1,741	Nobles	5,650
Carver	12,914	1,388	Norman	1,609
Cass	3,342	1,147	Olmsted	46,323
Chippewa	2,970	2,391	Otter Tail	10,115
Chisago	8,030	1,475	Pennington	1,547
Clay	12,418	2,052	Pine	3,562
Clearwater	950	1,093	Pipestone	1,914
Cook	503	965	Polk	4,218
Cottonwood	1,906	1,636	Pope	1,652
Crow Wing	8,923	1,403	Ramsey	100,508
Dakota	61,699	1,521	Red Lake	415
Dodge	5,324	2,618	Redwood	1,800
Douglas	5,637	1,542		2,623
Faribault	2,814	1,933		21,208
Fillmore	3,890	1,863	Rock	1,246
Freeborn	7,532	2,407	Roseau	1,543
Goodhue	11,494	2,451	Scott	21,971
Grant	859	1,411	Sherburne	19,427
Hennepin	239,737	2,055	Sibley	1,959
Houston	2,469	1,284	St. Louis	32,589
Hubbard	2,197	1,071	Stearns	30,007
Isanti	4,077	1,070	Steele	9,274
Itasca	7,045	1,545	Stevens	1,444
Jackson	1,320	1,278	Swift	1,375
Kanabec	1,505	914	Todd	4,492
Kandiyohi	11,377	2,670	Traverse	461
Kittson	275	599	Wabasha	4,382
Koochiching	1,947	1,453	Wadena	2,536
Lac qui Parle	649	889	Waseca	4,542
Lake	1,254	1,148	Washington	43,489
Lake of the Woods	267	654	Watonwan	2,739
Le Sueur	5,292	1,902	Wilkin	767
Lincoln	1,022	1,733	Winona	9,677
Lyon	4,758	1,837	Wright	17,244
Mahnomen	804	1,480	Yellow Medicine	1,300
Marshall	1,086	1,148		
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2,567 1,314 1,077

1,219 1,419 3,936

1,384 2,328 2,644 2,363 3,151 1,747

1,098 1,206

1,974 1,321

1,504 1,957 1,010 1,102

1,661

3,255

1,274

1,655

2,158

1,278

1,612 1,964

2,516 1,476

1,408

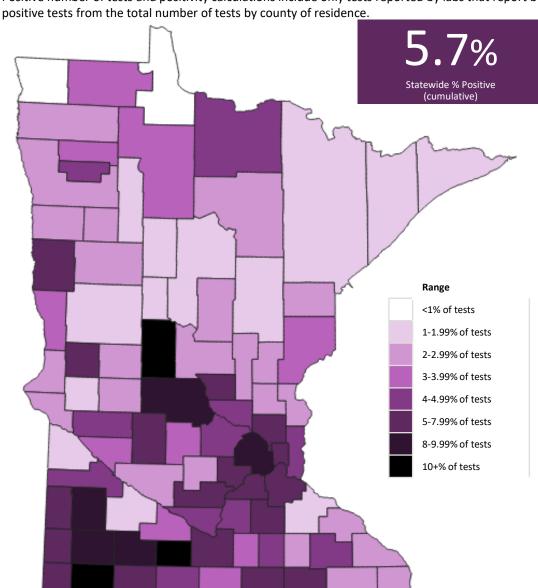
1,799

1,308

2,009 1,842 2,366 1,797 2,434 1,149 1,870 1,361 1,248

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

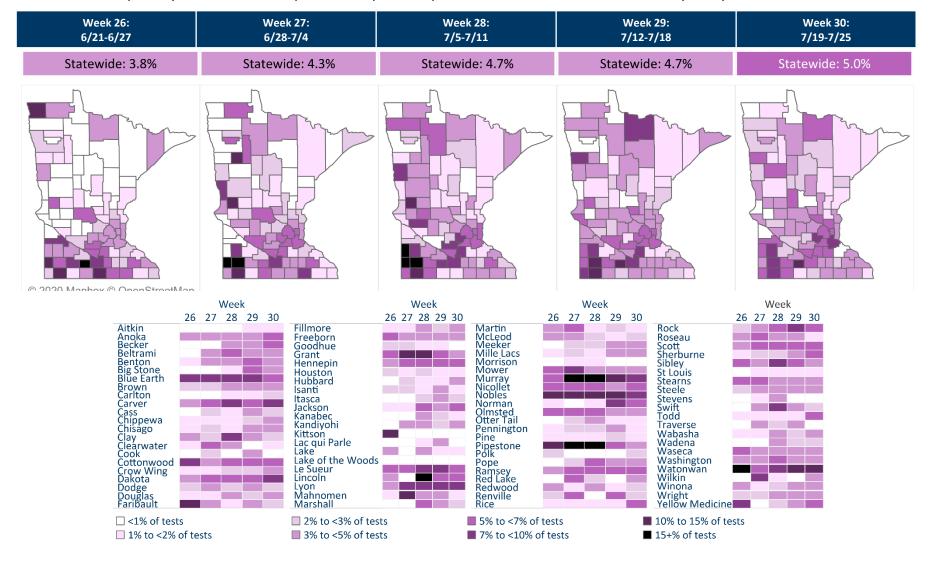


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County	Number Positive Tests	% Positive
Aitkin	22	1.6%
Anoka	3,672	6.6%
Becker	137	2.2%
Beltrami	200	3.4%
Benton	344	5.2%
Big Stone	21	2.5%
Blue Earth	959	6.2%
Brown	86	3.1%
Carlton	140	2.2%
Carver	876	6.8%
Cass	63	1.9%
Chippewa	106	3.6%
Chisago	196	2.4%
Clay	787	6.3%
Clearwater	17	1.8%
Cook	5	1.0%
Cottonwood	178	9.3%
Crow Wing	248	2.8%
Dakota	4,338	7.0%
Dodge	148	2.8%
Douglas	133	2.4%
Faribault	103	3.7%
Fillmore	80	2.1%
Freeborn	429	5.7%
Goodhue	212	1.8%
Grant	50	5.8%
Hennepin	19,954	8.3%
Houston	49	2.0%
Hubbard	30	1.4%
Isanti	99	2.4%
Itasca	156	2.2%
Jackson	87	6.6%
Kanabec	30	2.0%
Kandiyohi	721	6.3%
Kittson	2	0.7%
Koochiching	82	4.2%
Lac qui Parle	8	1.2%
Lake	21	1.7%
Lake of the Woods	0	0.0%
Le Sueur	260	4.9%
Lincoln	59	5.8%
Lyon	419	8.8%
Mahnomen	19	2.4%
Marshall	23	2.4%
IVIGI 311a11	25	2.1/0

ositive is the		
County	Number Positive Tests	% Positive
Martin	238	4.4%
McLeod	138	2.8%
Meeker	95	3.8%
Mille Lacs	71	2.2%
Morrison	93	2.0%
Mower	1,206	7.8%
Murray	117	9.6%
Nicollet	355	4.6%
Nobles	1,751	31.0%
Norman	32	2.0%
Olmsted	2,090	4.5%
Otter Tail	174	1.7%
Pennington	57	3.7%
Pine	132	3.7%
Pipestone Polk	140 89	7.3%
Pope	47	2.1%
Ramsey	7,853	7.8%
Red Lake	18	4.3%
Redwood	31	1.7%
Renville	74	2.8%
Rice	1,082	5.1%
Rock	70	5.6%
Roseau	50	3.2%
Scott	1,436	6.5%
Sherburne	788	4.1%
Sibley	102	5.2%
St. Louis	527	1.6%
Stearns	2,875	9.6%
Steele	391	4.2%
Stevens	19	1.3%
Swift	55	4.0%
Γodd -	465	10.4%
Traverse	9	2.0%
Nabasha 	101	2.3%
Wadena 	29	1.1%
Naseca	166	3.7%
Washington	2,008	4.6%
Watonwan Wilkin	299	10.9%
Winona	30 258	2.7%
Wright	837	4.9%
rellow Medicine	59	4.5%
Jnknown/missing	481	0.5%
JIMI OWITH THIS SHIP	401	0.57

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.

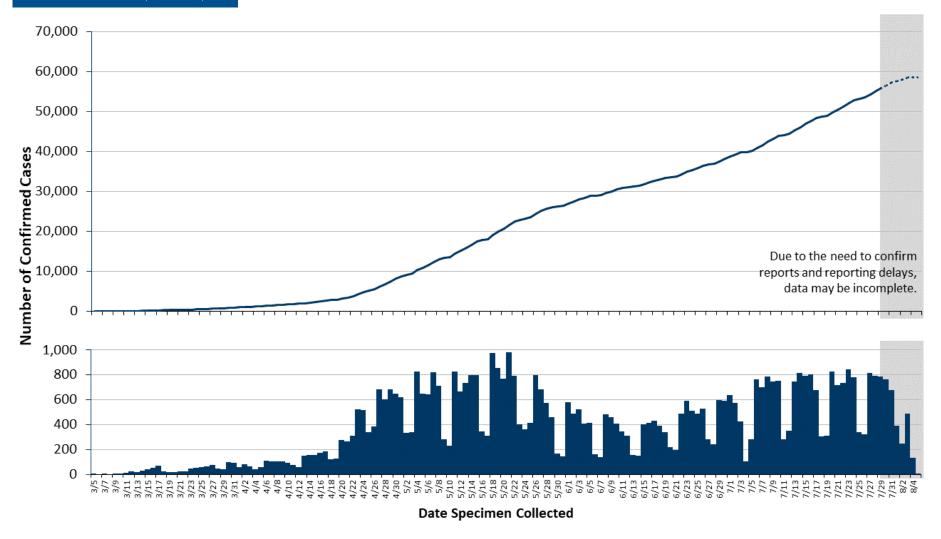


Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Minnesota Department of Health Weekly COVID-19 Report: Updated 8/6/2020 with data current as of 4 p.m. the previous day.

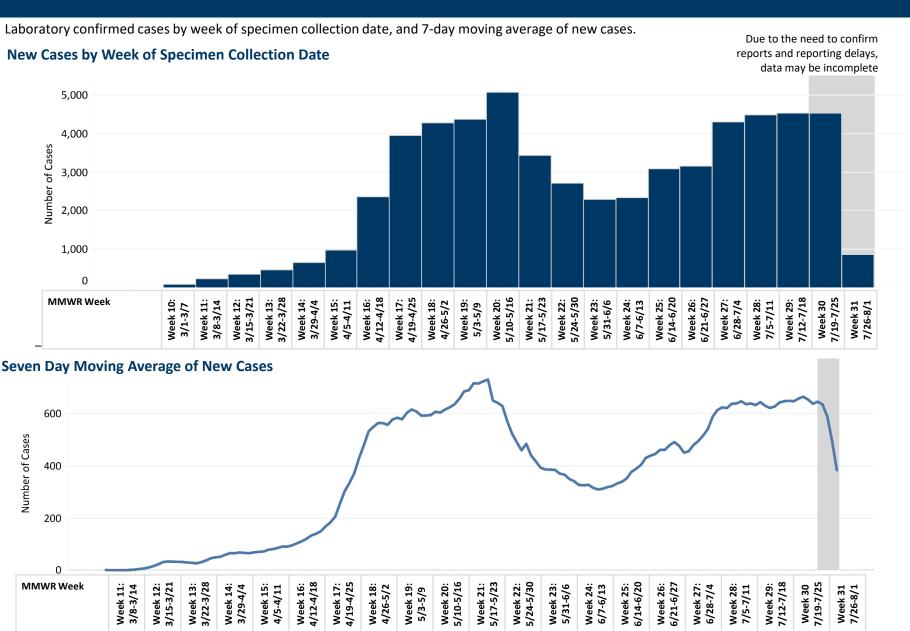
Positive COVID-19 Cases

58,640
Total Positive Cases (cumulative)

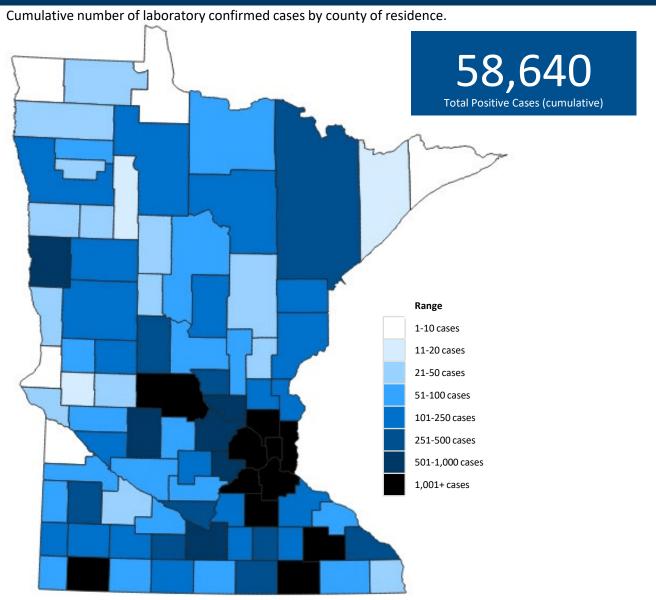


Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

COVID-19 Cases by Week, 7-Day Average



Cases by County of Residence



County	Cases
Aitkin	29
Anoka	3,515
Becker	150
Beltrami	215
Benton	315
Big Stone	22
Blue Earth	874
Brown	86
Carlton	132
Carver	816
Cass	71
Chippewa	101
Chisago	189
Clay	768
Clearwater	15
Cook	2
Cottonwood	175
Crow Wing	225
Dakota	4,188
Dodge	125
Douglas	136
Faribault	83
Fillmore	61
Freeborn	358
Goodhue	187
Grant	52
Hennepin	18,641
Houston	41
Hubbard	30
Isanti	116
Itasca	135
Jackson	72
Kanabec	32
Kandiyohi	687
Kittson	3
Koochiching	74
Lac qui Parle	6
Lake	20
Lake of the Woods	1
Le Sueur	210
Lincoln	54
Lyon	421
McLeod	148
Mahnomen	26

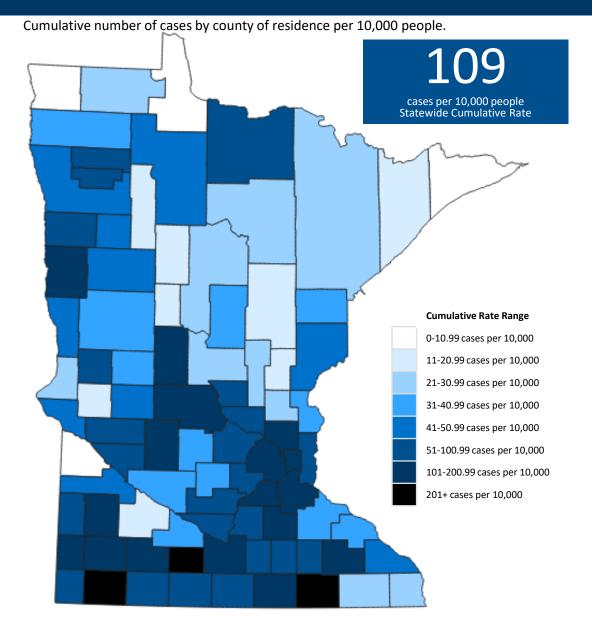
County	Cases
•	
Marshall	29
Martin Meeker	204
	85
Mille Lacs Morrison	69
Mower	85
Murray	1,094 122
Nicollet	329
Nobles	
Norman	1,753 37
Olmsted	1,688
Otter Tail	1,000
Pennington	73
Pine	128
Pipestone	147
Polk	147
Pope	46
Ramsey	7,233
Red Lake	23
Redwood	32
Renville	62
Rice	1,013
Rock	77
Roseau	46
St. Louis	486
Scott	1,479
Sherburne	703
Sibley	82
Stearns	2,864
Steele	338
Stevens	17
Swift	52
Todd	422
Traverse	10
Wabasha	87
Wadena	24
Waseca	138
Washington	2,009
Watonwan	301
Wilkin	32
Winona	254
Wright	847
Yellow Medicine	51
Unknown/missing	132

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)

Minnesota Department of Health Weekly COVID-19 Report: Updated 8/6/2020 with data current as of 4 p.m. the previous day.

Cumulative Case Rate by County of Residence

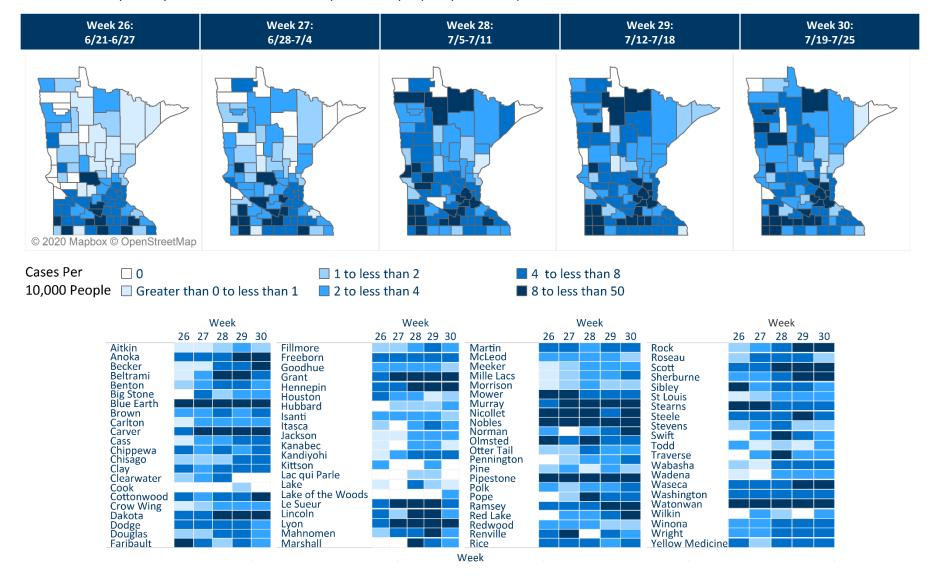


County	Cumulative Rate
Aitkin	18
Anoka	105
Becker	45
Beltrami	47
Benton	81
Big Stone	42
Blue Earth	133
Brown	33
Carlton	37
Carver	88
Cass	24
Chippewa	81
Chisago	35
Clay	127
Clearwater	17
Cook	4
Cottonwood	150
Crow Wing	35
Dakota	103
Dodge	61
Douglas	37
Faribault	57
Fillmore	29
Freeborn	114
Goodhue	40
Grant	85
Hennepin	160
Houston	21
Hubbard	15
Isanti	30
Itasca	30
Jackson	70
Kanabec	19
Kandiyohi	161
Kittson	7
Koochiching	55
Lac qui Parle	8
Lake	18
Lake of the Woods	2
Le Sueur	75
Lincoln	92
Lyon	163
Mahnomen	48
Marshall	31

County	Cumulative Rate
Martin	98
McLeod	40
Meeker	36
Mille Lacs	26
Morrison	25
Mower	280
Murray	139
Nicollet	100
Nobles	820
Norman	54
Olmsted	115
Otter Tail	32
Pennington	52
Pine	43
Pipestone	152
Polk	45
Pope	42
Ramsey	141
Red Lake	56
Redwood	20
Renville	39
Rice	155
Rock	79
Roseau	29
Scott	111
Sherburne	78
Sibley	53
St. Louis	24
Stearns	187
Steele	92
Stevens	17
Swift	53
Todd	169
Traverse	28
Wabasha	40
Wadena	17
Waseca	72
Washington	83
Watonwan	268
Wilkin	48
Winona	49
Wright	67
Yellow Medicine	49

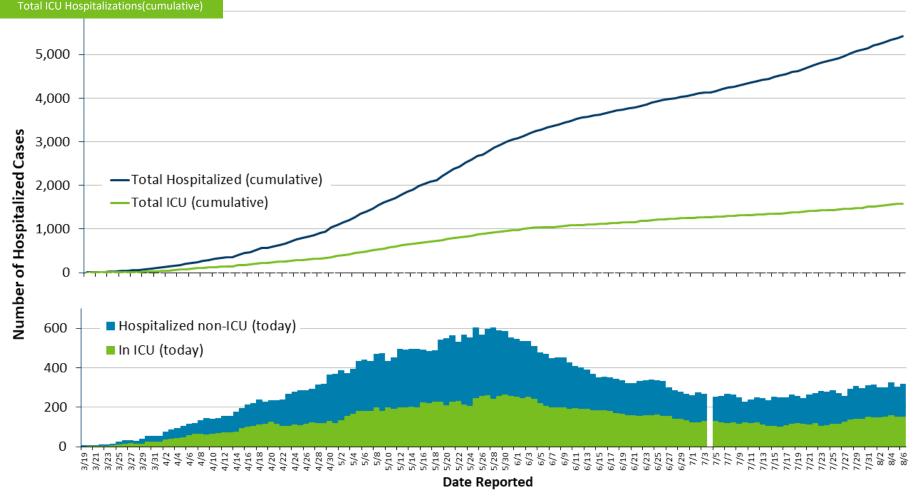
Weekly Case Rate by County of Residence

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



Hospitalizations for COVID-19

5,421 Total Hospitalizations(cumulative)

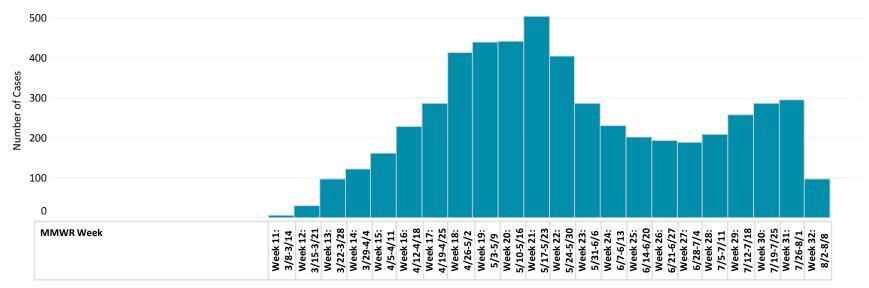


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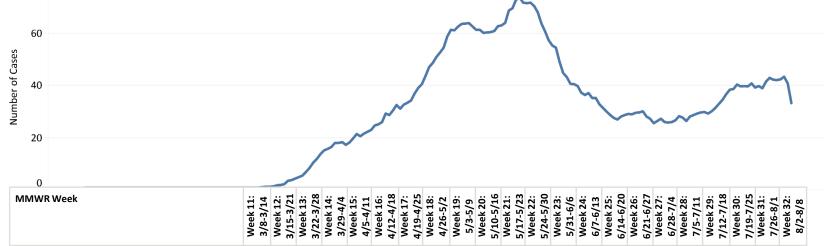
Hospitalizations by Week, 7-Day Average

Laboratory confirmed cases by week of initial hospitalization, and 7-day moving average of new hospitalizations.

New Cases by Week First Hospital Admission



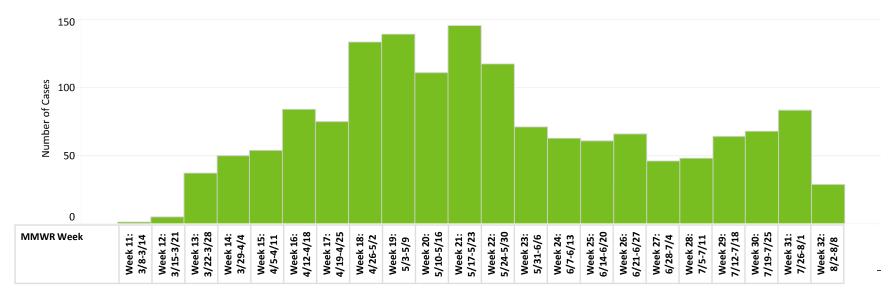
Seven Day Moving Average of New Hospitalizations



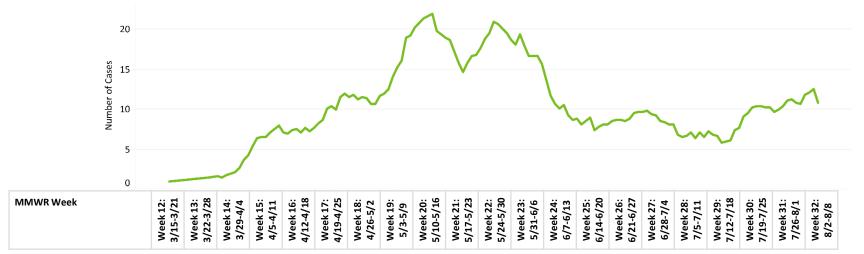
ICU Hospitalizations by Week, 7-Day Average

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

New Cases by Week First ICU Hospital Admission



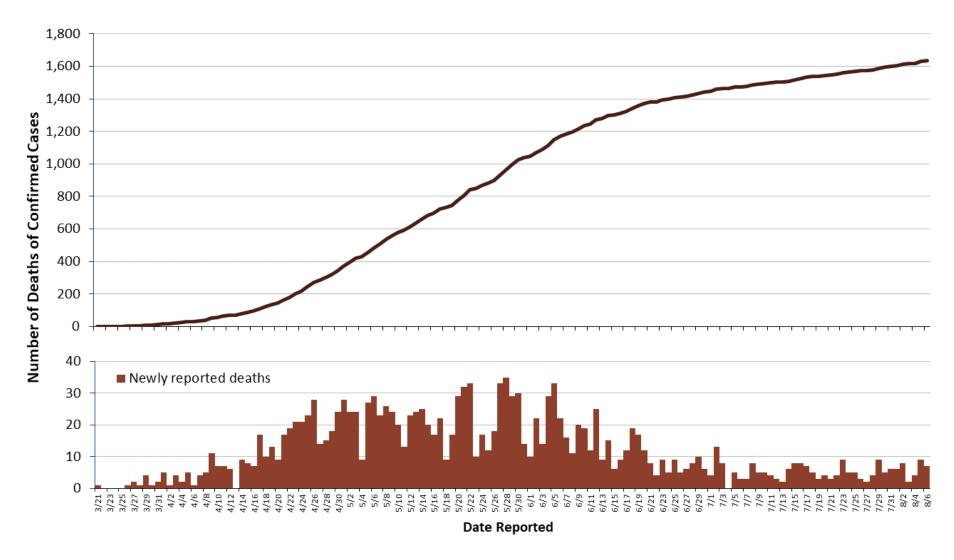
Seven Day Moving Average of New ICU Hospitalizations



COVID-19 Deaths

1,636

Total Deaths (cumulative)

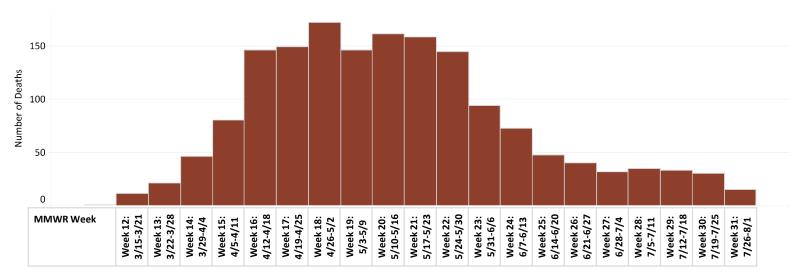


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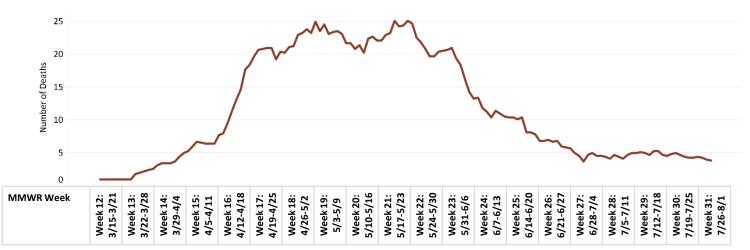
Deaths by Week, 7-Day Average

Laboratory confirmed cases by week of death, and 7-day moving average of deaths.

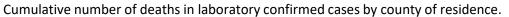
Deaths by Week of Death.

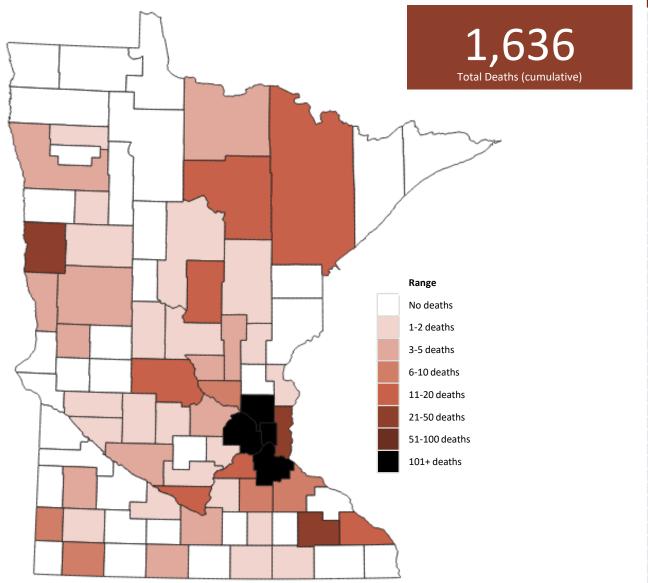


Seven Day Moving Average of Deaths



Deaths by County of Residence





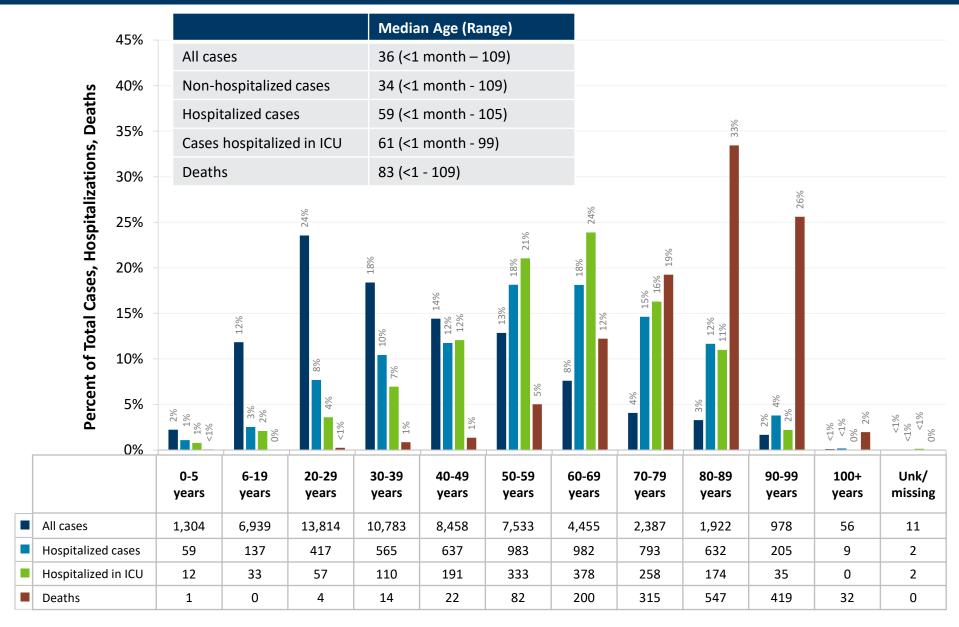
County	Deaths	С
Aitkin	1	Ν
Anoka	114	Ν
Becker	1	N
Beltrami	0	N
Benton	3	Ν
Big Stone	0	N
Blue Earth	5	Ν
Brown	2	N
Carlton	0	N
Carver	2	N
Cass	2	О
Chippewa	1	C
Chisago	1	Р
Clay	40	Р
Clearwater	0	P
Cook	0	Р
Cottonwood	0	Р
Crow Wing	14	R
Dakota	104	R
Dodge	0	R
Douglas	0	R
Faribault	0	R
Fillmore	0	R
Freeborn	1	R
Goodhue	8	S
Grant	3	S
Hennepin	828	S
Houston	0	S
Hubbard	0	S
Isanti	0	S
Itasca	12	S
Jackson	0	S
Kanabec	1	Т
Kandiyohi	1	Т
Kittson	0	٧
Koochiching	3	٧
Lac qui Parle	0	٧
Lake	0	٧
Lake of the Woods	0	٧
Le Sueur	1	٧
Lincoln	0	٧
Lyon	3	٧
McLeod	0	Υ
Mahnomen	1	U

County	Deaths
Marshall	0
Martin	5
Meeker	2
Mille Lacs	3
Morrison	1
Mower	2
Murray	1
Nicollet	13
Nobles	6
Norman	0
Olmsted	23
Otter Tail	3
Pennington	1
Pine	0
Pipestone	9
Polk	3
Pope	0
Ramsey	261
Red Lake	0
Redwood	0
Renville	5
Rice	8
Rock	0
Roseau	0
St. Louis	19
Scott	18
Sherburne	7
Sibley	2
Stearns	20
Steele	1
Stevens	0
Swift	1
Todd	2
Traverse	0
Wabasha	0
Wadena	0
Waseca	0
Washington	44
Watonwan	0
Wilkin	3
Winona	16
Wright	5
Yellow Medicine	0
Unknown/missing	0
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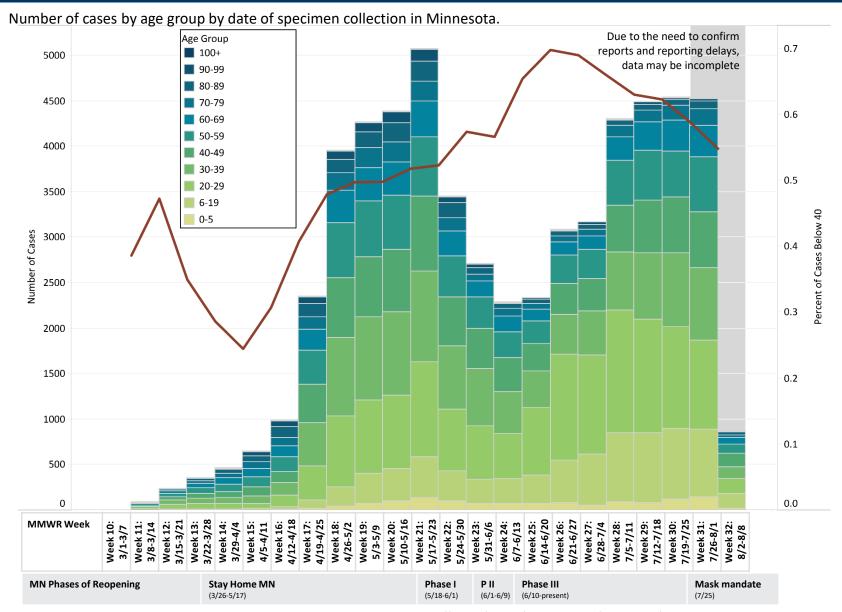
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Minnesota Department of Health Weekly COVID-19 Report: Updated 8/6/2020 with data current as of 4 p.m. the previous day.

Demographics: Age



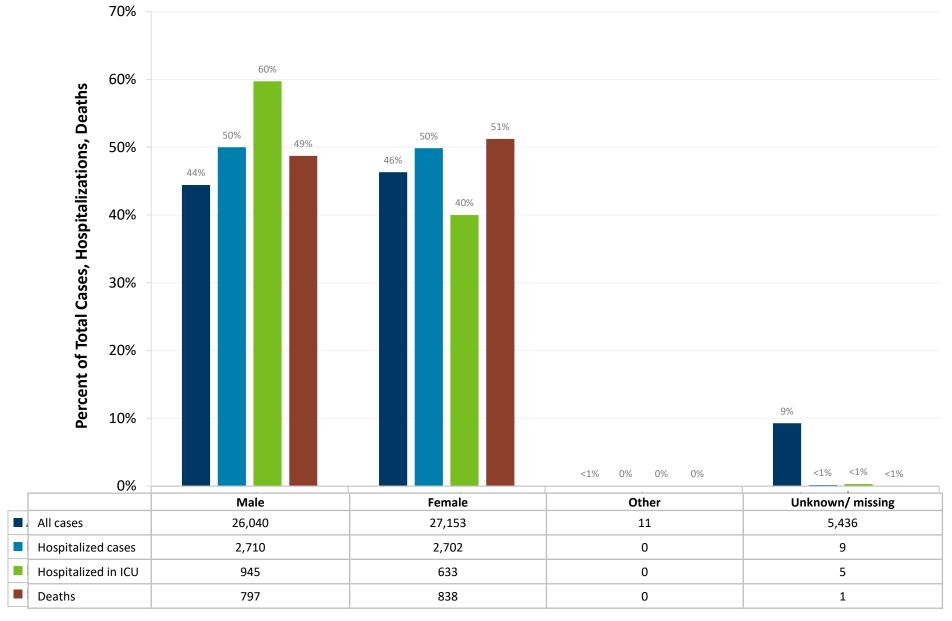
Demographics: Number of Cases by Age and Date



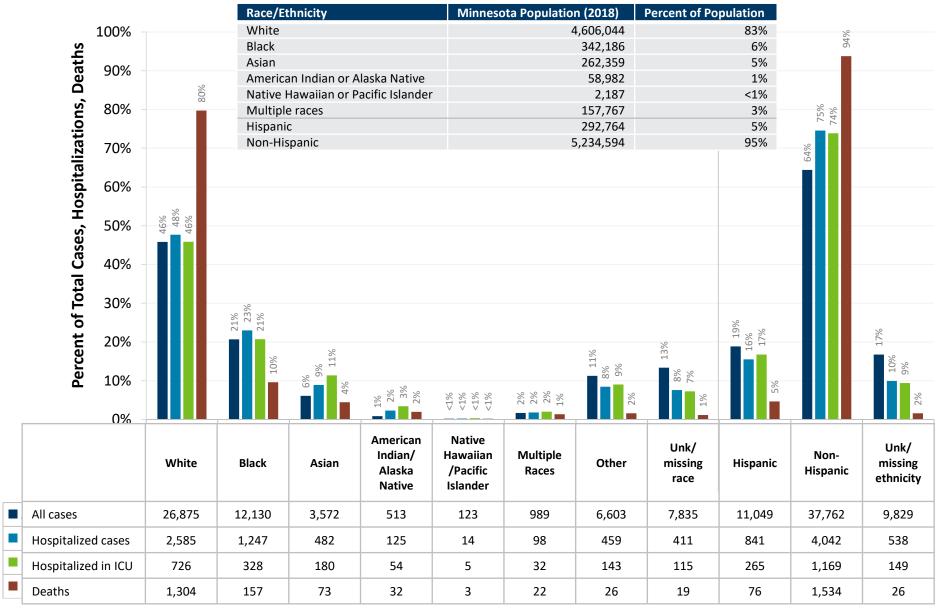
More information on the Phases of Reopening can be found at: Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)

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Demographics: Gender

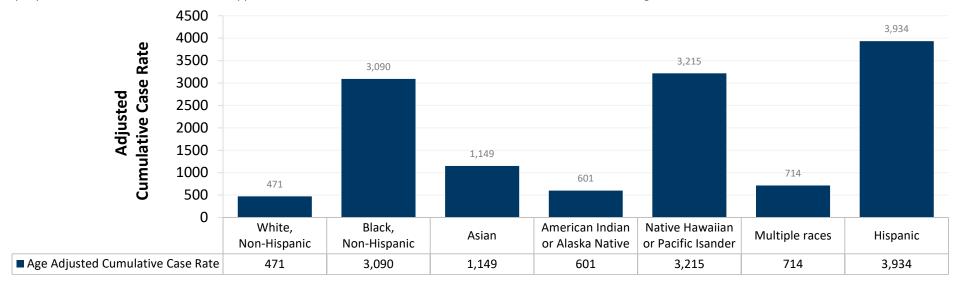


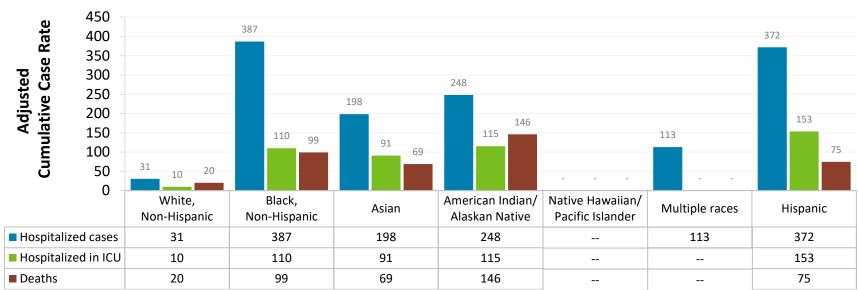
Demographics: Race and Ethnicity



Race & Ethnicity: Age-Adjusted Rates

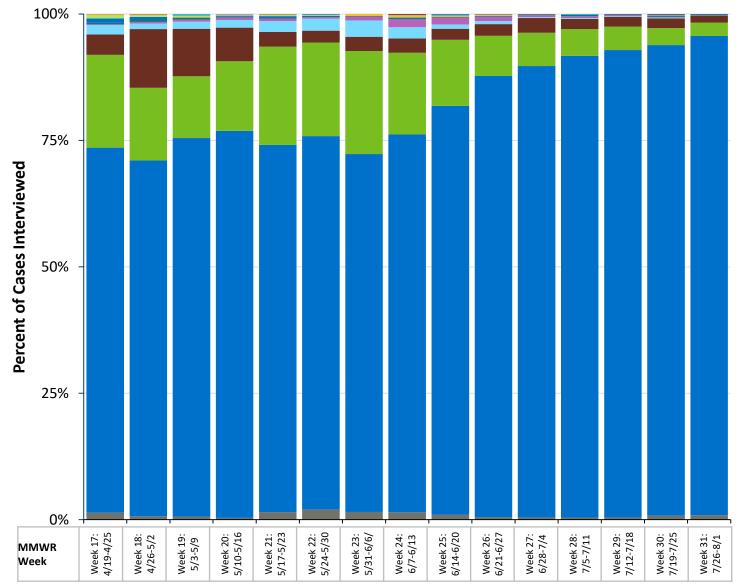
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Cumulative case rate is the number of cases by race or ethnicity per 100,000 people in Minnesota. Rates have been suppressed when total cases are less than 25 or the relative standard error is greater than 0.3.





Demographics: Language

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

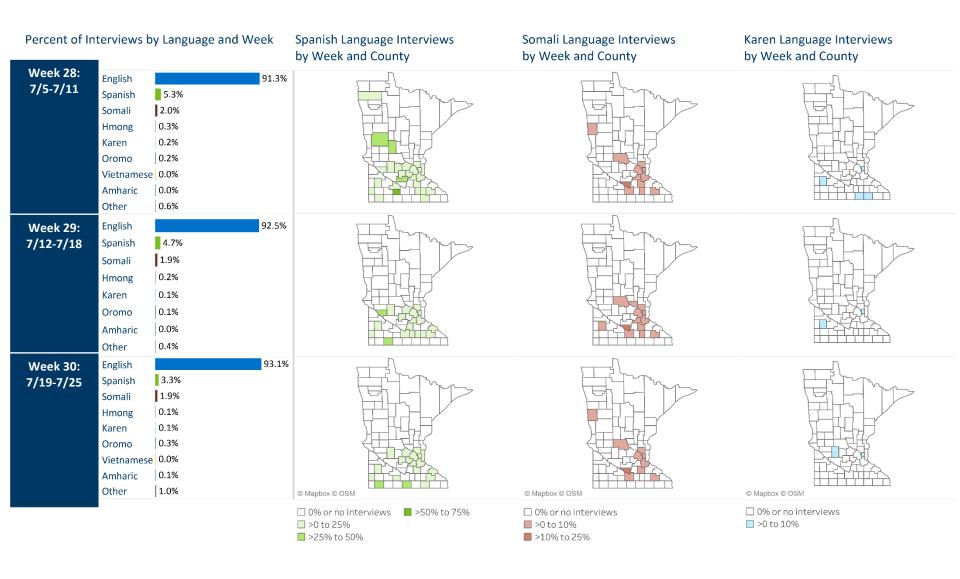


Language	Percent of interviews
■ Mandarin	<1%
■ Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
■ Amharic	<1%
■ Oromo	<1%
■ Hmong	<1%
Karen	1%
■ Somali	4%
Spanish	12%
■ English	81%
Other	1%

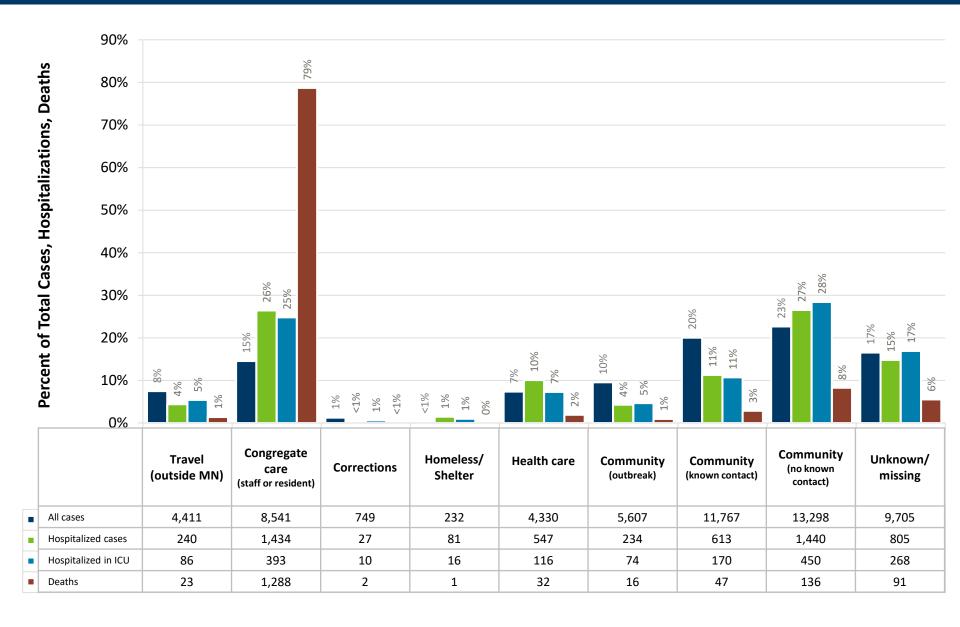
Specimen Collection Date

Demographics: Language by County of Residence

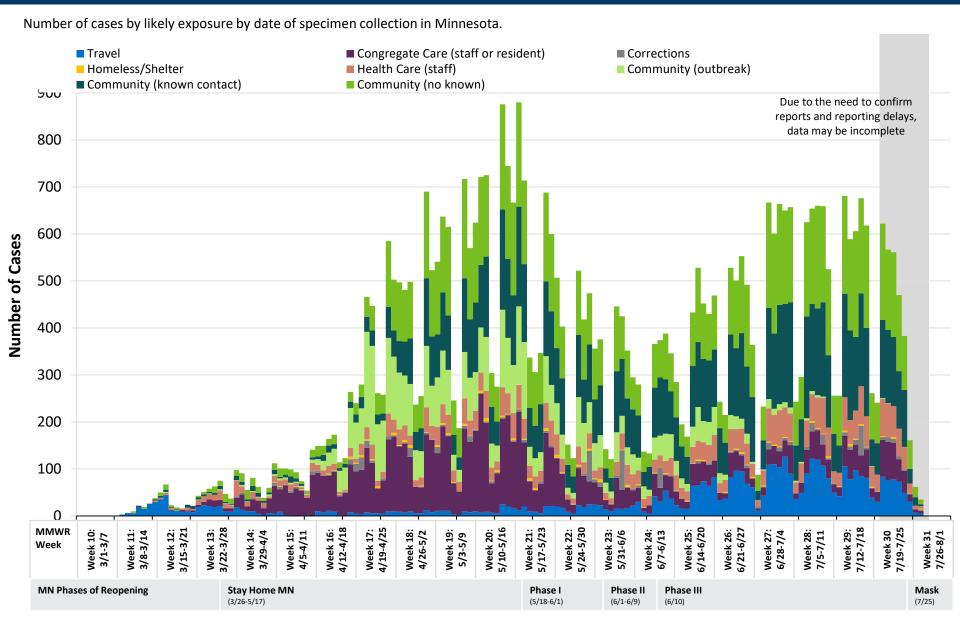
Percent of interviews by language and week of specimen collection.



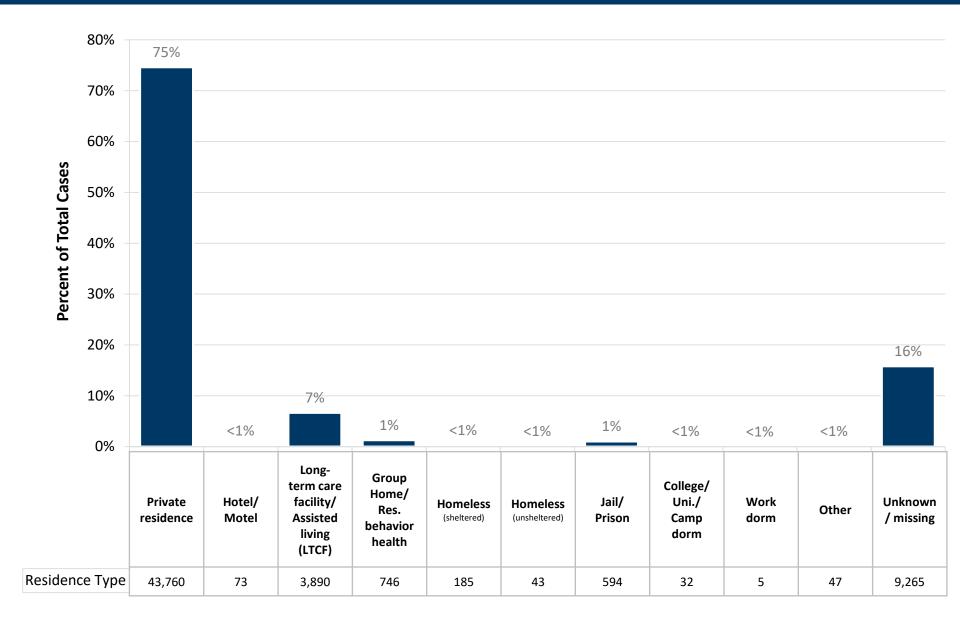
Likely Exposure



Cases by Likely Exposure and Specimen Collection Date



Residence Type



Occupational Related Cases: Health Care

This data is for all cases with an occupation as health care staff. Not all health care workers have a likely exposure as health care staff.

6,641

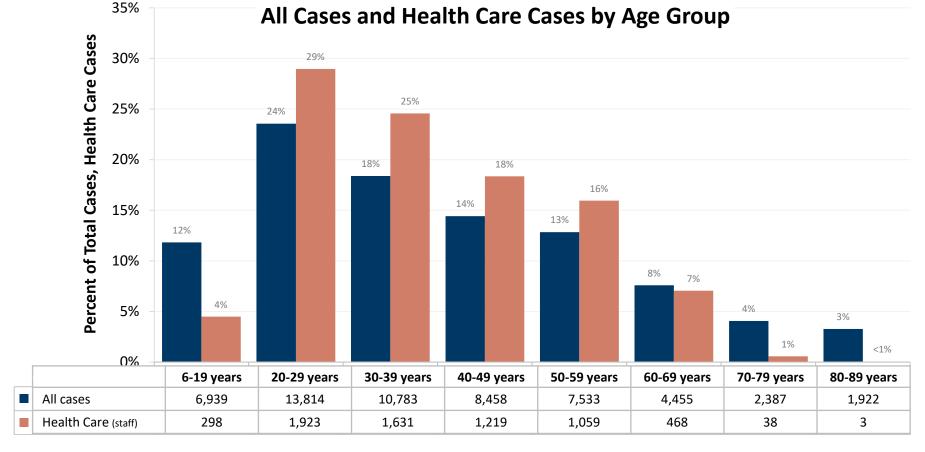
Total Health Care Workers (cumulative)

4,330

Total Health Care Workers with Likely Exposure as Health Care Staff (cumulative)

339

Total Health Care Staff Hospitalized (cumulative)



Potential Exposure in Child Care Settings

Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and 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.

261 **Total Child Care Programs** (cumulative)

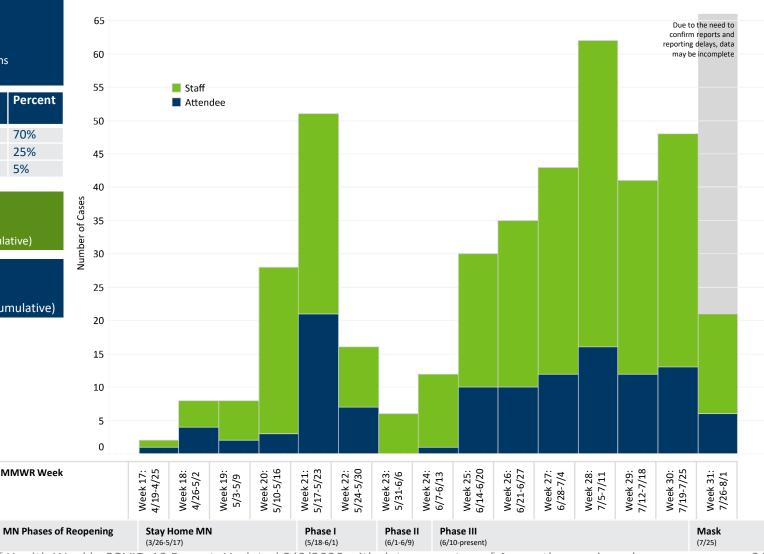
Confirmed cases	Programs	Percent
per program		
1 case	183	70%
2-4 cases	65	25%
≥5 cases	13	5%

294

Total Child Care Staff (cumulative)

Total Child Care Attendees (cumulative)

MMWR Week



Syndromic Surveillance

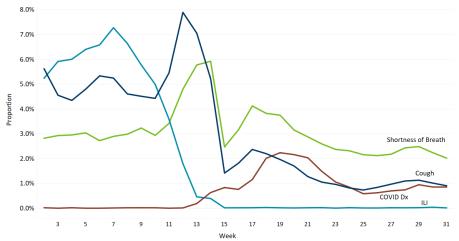
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 August 2, 2020. Categories are based upon discharge diagnosis codes.

Through August 2, 2020, these data represent all patients from about 122 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.

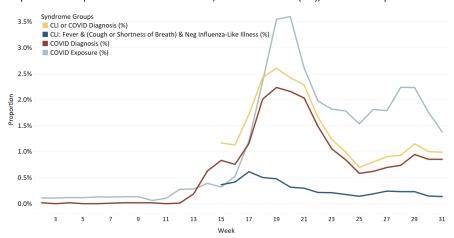
Proportion of hospital-treated cases for COVID-like symptoms and influenza-like illness (ILI)



NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through August 2, 2020. Categories are based upon discharge diagnosis codes.

Through August 2, 2020, these data represent all patients from about 122 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals and payors to more fully represent the state.

Proportion of hospital-treated cases for COVID. COVID-like illness (CLI), and COVID Exposure



NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through August 2, 2020. Categories are based upon discharge diagnosis codes. Due to a transition in data sources, the CLI condition and CLI or COVID Diagnosis conditions are reported from week 15 forward. Through August 2, 2020, these data represent all patients from about 122 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals and payors to more fully represent the state.