

Minnesota Department of Health

# WEEKLY COVID-19 REPORT

10/22/2020

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

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

# About Minnesota COVID-19 Data

- Data is for cases that were tested and returned positive. Many people with COVID-19 are not tested, so the cases in this report represent only a fraction of the total number of people in Minnesota who have had COVID-19.
  - The COVID-19 case definition now includes both polymerase chain reaction (PCR) testing and antigen testing. Positive PCR test results are considered confirmed cases. Positive antigen test results are considered probable cases.
- 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 for confirmed (PCR) tests and cases, and since Sept. 1, 2020 for probable (antigen) tests and cases.



[health.mn.gov/coronavirus](http://health.mn.gov/coronavirus)

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# COVID-19 Overview Summary

**2,587,268**  
Total Laboratory Tests  
(cumulative)

**2,564,491**  
Total PCR Tests  
(cumulative)

**22,777**  
Total Antigen Tests  
(cumulative)

**128,152**  
Total Positive Cases  
(cumulative)

**127,828**  
Total Confirmed Cases (PCR positive)  
(cumulative)

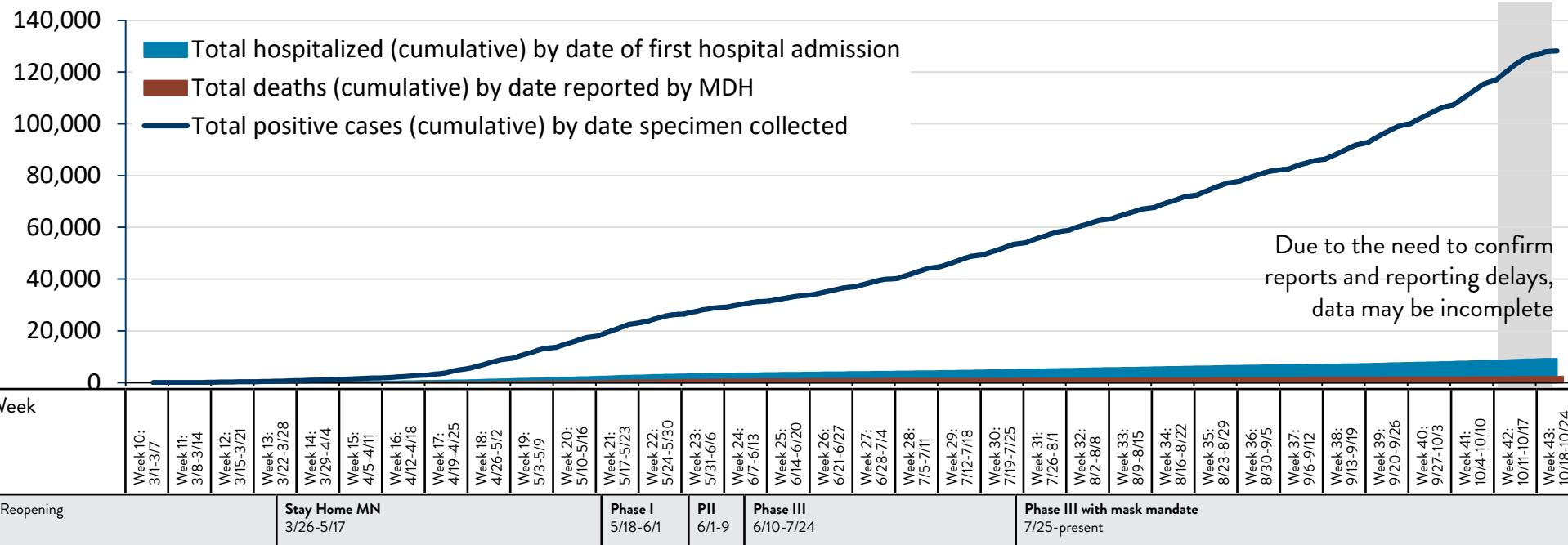
**324**  
Total Probable Cases (Antigen positive)  
(cumulative)

**9,226**  
Total Hospitalizations  
(cumulative)

**2,485**  
Total ICU Hospitalizations  
(cumulative)

**2,301**  
Total Deaths  
(cumulative)

**113,976**  
Total No Longer Needing Isolation  
(cumulative)



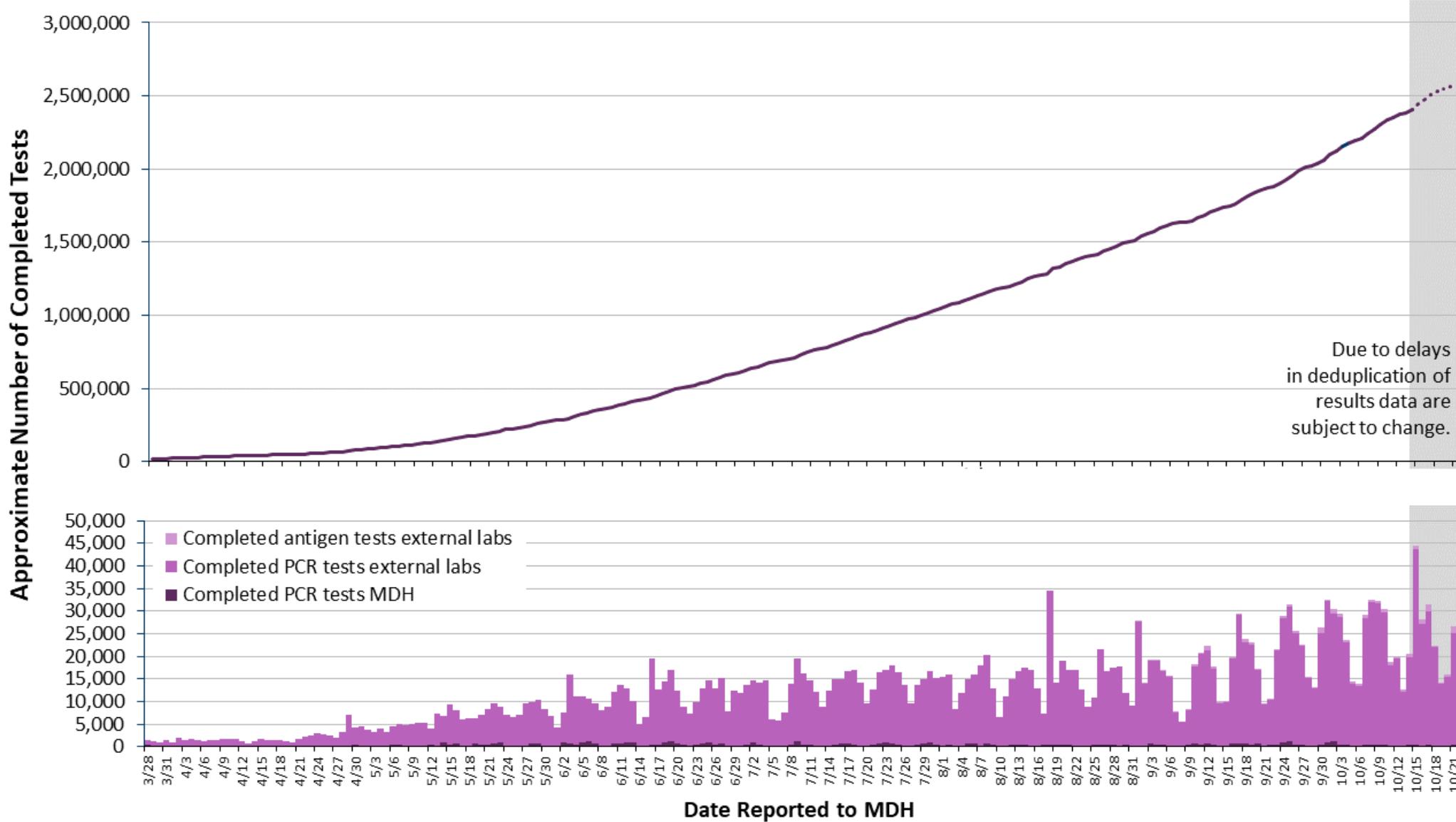
- Current data, updated daily: [Minnesota Situation Update for Coronavirus Disease 2019](https://www.health.state.mn.us/diseases/coronavirus/situation.html) (<https://www.health.state.mn.us/diseases/coronavirus/situation.html>)
- More information on the MN Phases of Reopening can be found in the [Minnesota's Stay Safe Plan](https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp) (<https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp>).

# Laboratory Tests for COVID-19

2,587,268

Total Laboratory Tests  
(cumulative)

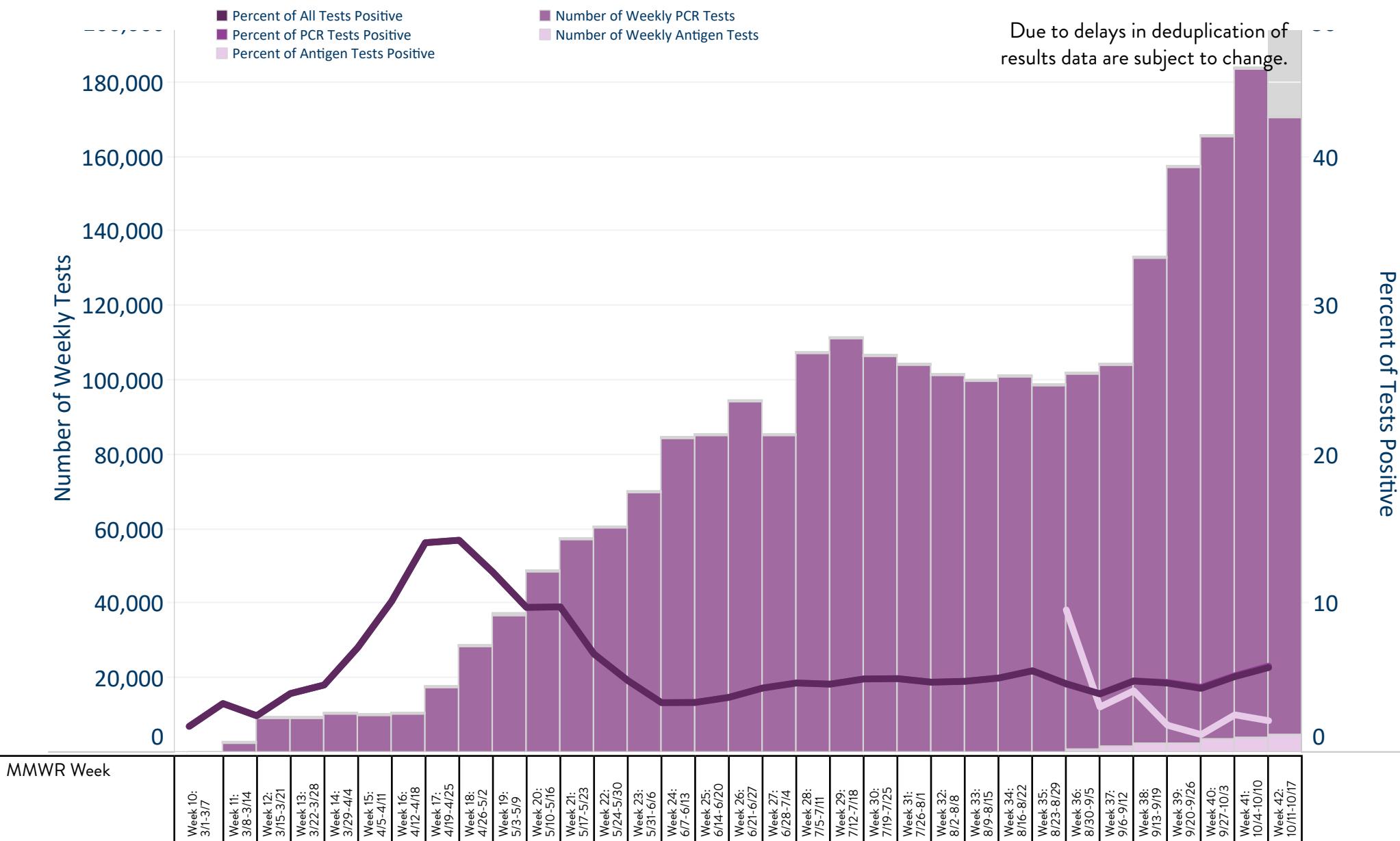
Testing numbers show how many total tests have been done for people who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Total laboratory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



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

## Number of Tests and Percent Positive by Week

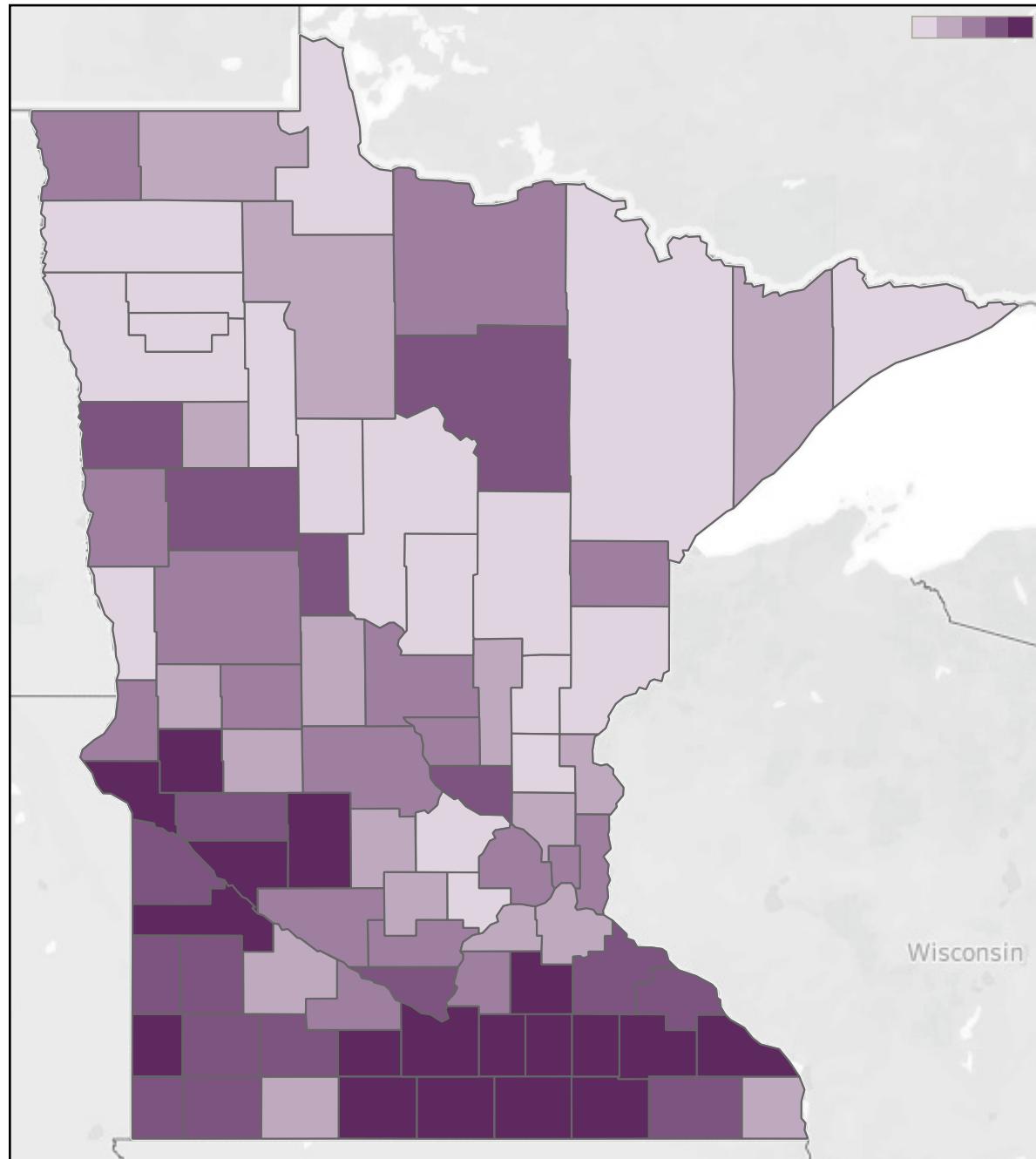
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Numbers include both PCR and antigen tests. Percent positive is the percent of positive tests from the total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



# Laboratory Test Rates by County of Residence

**4,620**  
tests per 10,000 people statewide

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. Numbers include both PCR and antigen tests.

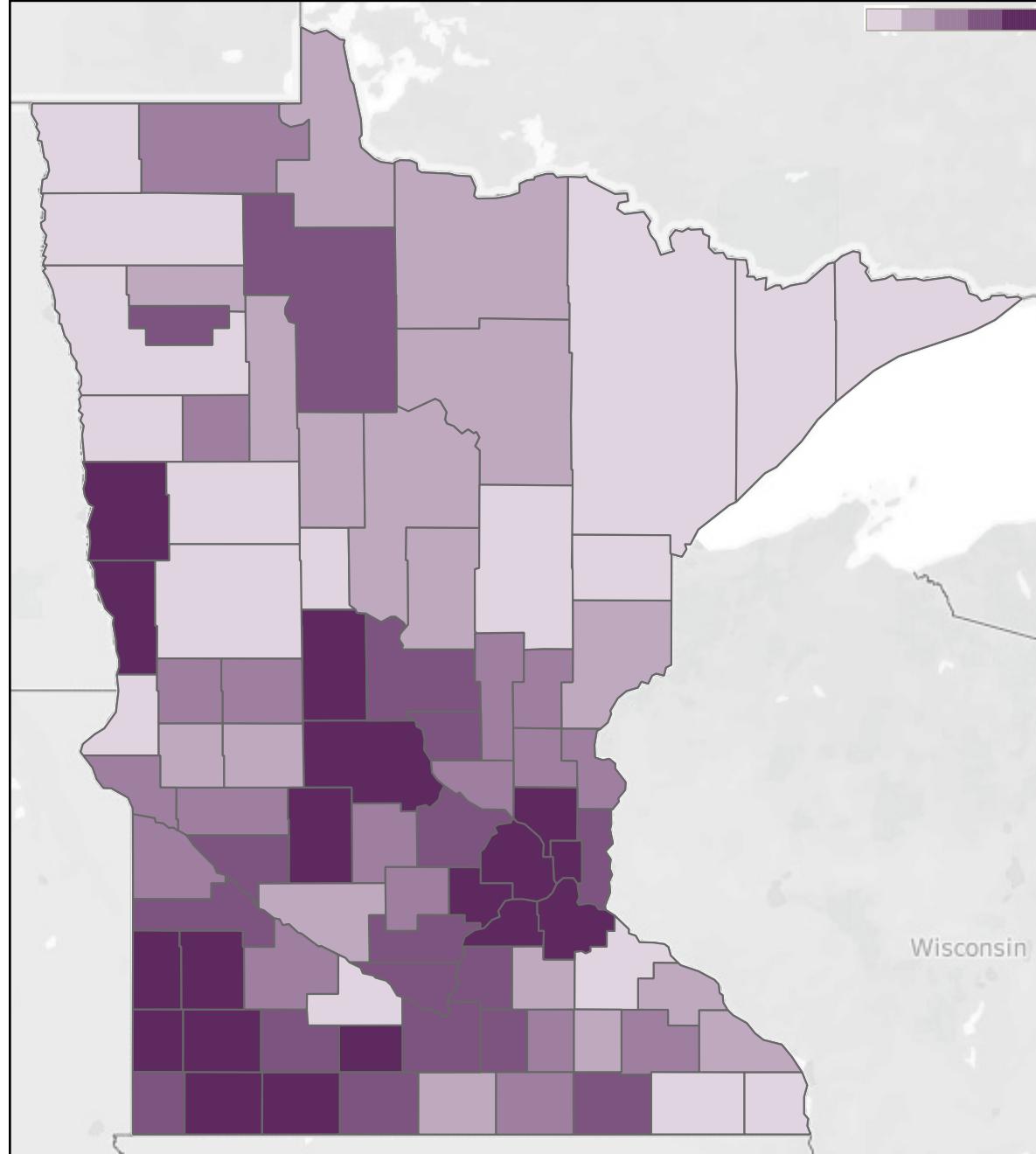


County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	4,517	2,853	Martin	11,619	5,820
Anoka	132,658	3,818	McLeod	12,415	3,465
Becker	16,628	4,923	Meeker	7,853	3,403
Beltrami	15,707	3,406	Mille Lacs	9,257	3,598
Benton	16,374	4,116	Morrison	13,076	3,969
Big Stone	3,267	6,513	Mower	28,730	7,255
Blue Earth	35,869	5,408	Murray	3,806	4,556
Brown	9,998	3,966	Nicollet	16,706	4,945
Carlton	14,830	4,173	Nobles	10,235	4,687
Carver	32,060	3,193	Norman	2,973	4,533
Cass	8,183	2,820	Olmsted	87,922	5,744
Chippewa	7,976	6,641	Otter Tail	25,860	4,459
Chisago	21,141	3,863	Pennington	4,039	2,848
Clay	25,858	4,117	Pine	8,739	3,000
Clearwater	2,312	2,624	Pipestone	4,958	5,398
Cook	1,658	3,122	Polk	9,136	2,892
Cottonwood	5,356	4,710	Pope	4,168	3,796
Crow Wing	20,256	3,172	Ramsey	234,674	4,334
Dakota	160,916	3,848	Red Lake	1,001	2,498
Dodge	10,687	5,192	Redwood	5,907	3,853
Douglas	15,638	4,203	Renville	6,600	4,483
Faribault	7,117	5,122	Rice	46,801	7,116
Fillmore	9,668	4,628	Rock	4,733	5,028
Freeborn	16,766	5,492	Roseau	5,970	3,861
Goodhue	22,413	4,850	Scott	54,246	3,784
Grant	2,113	3,558	Sherburne	44,819	4,807
Hennepin	541,147	4,380	Sibley	5,903	3,959
Houston	6,026	3,229	St. Louis	86,224	4,309
Hubbard	5,549	2,660	Stearns	70,180	4,475
Isanti	10,876	2,791	Steele	18,811	5,129
Itasca	21,003	4,646	Stevens	5,031	5,142
Jackson	3,370	3,354	Swift	4,557	4,842
Kanabec	4,113	2,570	Todd	9,118	3,731
Kandiyohi	26,763	6,274	Traverse	1,404	4,207
Kittson	1,698	3,915	Wabasha	10,463	4,867
Koochiching	4,949	3,914	Wadena	6,741	4,940
Lac qui Parle	3,230	4,769	Waseca	11,360	6,040
Lake	4,083	3,863	Washington	113,653	4,487
Lake of the Woods	1,018	2,673	Watonwan	6,289	5,731
Le Sueur	12,243	4,375	Wilkin	1,938	3,055
Lincoln	2,803	4,912	Winona	31,499	6,195
Lyon	11,737	4,542	Wright	42,565	3,207
Mahnomen	1,833	3,329	Yellow Medicine	5,004	5,071
Marshall	2,631	2,801	Unknown/missing	171,595	

# Percent of Tests Positive by County of Residence

5.2%  
% positive statewide

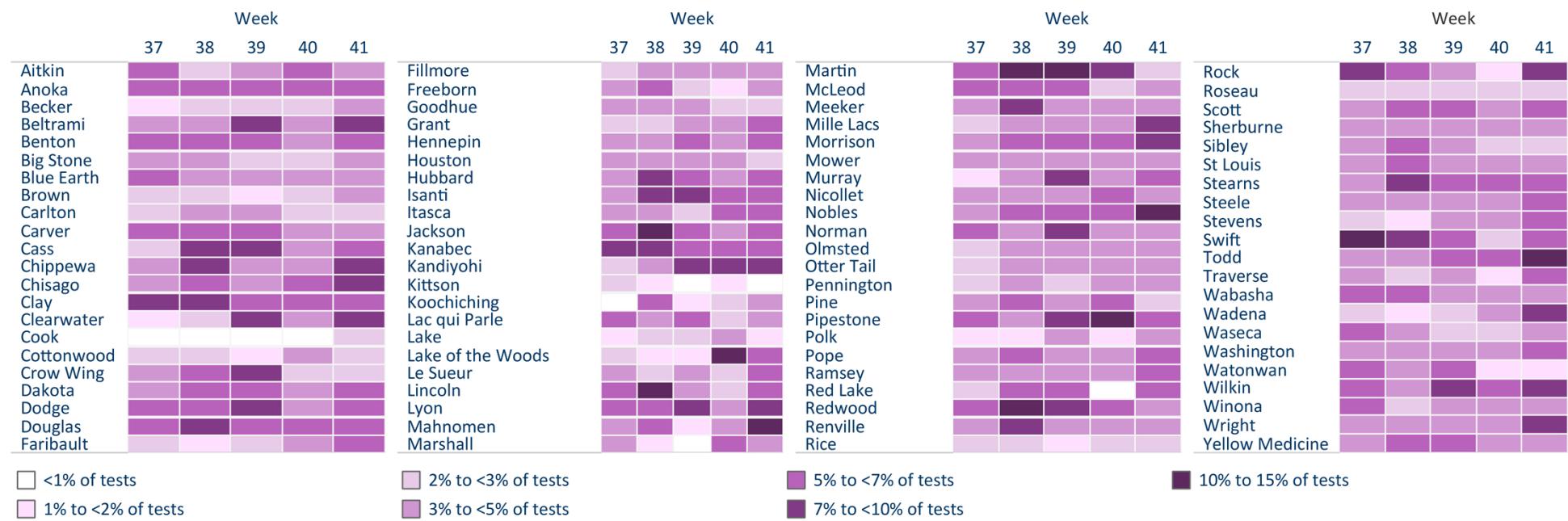
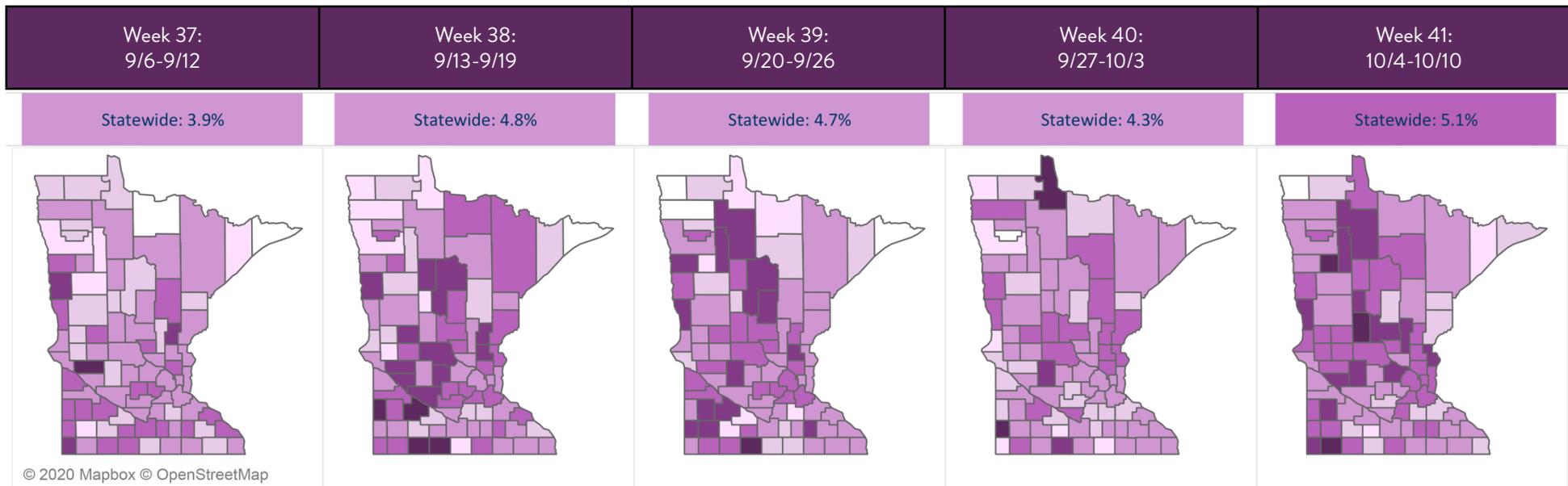
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence. Numbers include both PCR and antigen tests.



County	% Positive	County	% Positive
Aitkin	3.1%	Martin	5.7%
Anoka	6.4%	McLeod	4.3%
Becker	2.4%	Meeker	4.4%
Beltrami	4.8%	Mille Lacs	3.9%
Benton	5.5%	Morrison	4.8%
Big Stone	3.9%	Mower	5.8%
Blue Earth	5.6%	Murray	6.9%
Brown	2.9%	Nicollet	4.6%
Carlton	2.7%	Nobles	21.3%
Carver	5.8%	Norman	2.7%
Cass	3.6%	Olmsted	4.1%
Chippewa	5.2%	Otter Tail	2.9%
Chisago	4.2%	Pennington	3.8%
Clay	6.5%	Pine	3.6%
Clearwater	3.5%	Pipestone	7.0%
Cook	0.8%	Polk	2.6%
Cottonwood	5.1%	Pope	3.7%
Crow Wing	3.4%	Ramsey	6.3%
Dakota	6.2%	Red Lake	5.3%
Dodge	3.8%	Redwood	4.5%
Douglas	4.2%	Renville	3.6%
Faribault	3.6%	Rice	3.6%
Fillmore	2.9%	Rock	5.7%
Freeborn	4.3%	Roseau	3.8%
Goodhue	2.6%	Scott	6.1%
Grant	4.3%	Sherburne	4.1%
Hennepin	6.6%	Sibley	4.7%
Houston	3.0%	St. Louis	3.1%
Hubbard	3.6%	Stearns	7.7%
Isanti	4.2%	Steele	4.4%
Itasca	3.4%	Stevens	3.4%
Jackson	6.8%	Swift	4.3%
Kanabec	4.5%	Todd	8.4%
Kandiyohi	6.3%	Traverse	3.3%
Kittson	2.1%	Wabasha	3.4%
Koochiching	3.5%	Wadena	3.2%
Lac qui Parle	4.0%	Waseca	4.8%
Lake	2.9%	Washington	5.0%
Lake of the Woods	3.8%	Watsonwan	8.7%
Le Sueur	5.4%	Wilkin	5.8%
Lincoln	5.9%	Winona	3.5%
Lyon	8.4%	Wright	5.3%
Mahnomen	4.1%	Yellow Medicine	5.4%
Marshall	3.0%	Unknown/missing	0.8%

# Weekly Percent of Tests Positive by County of Residence

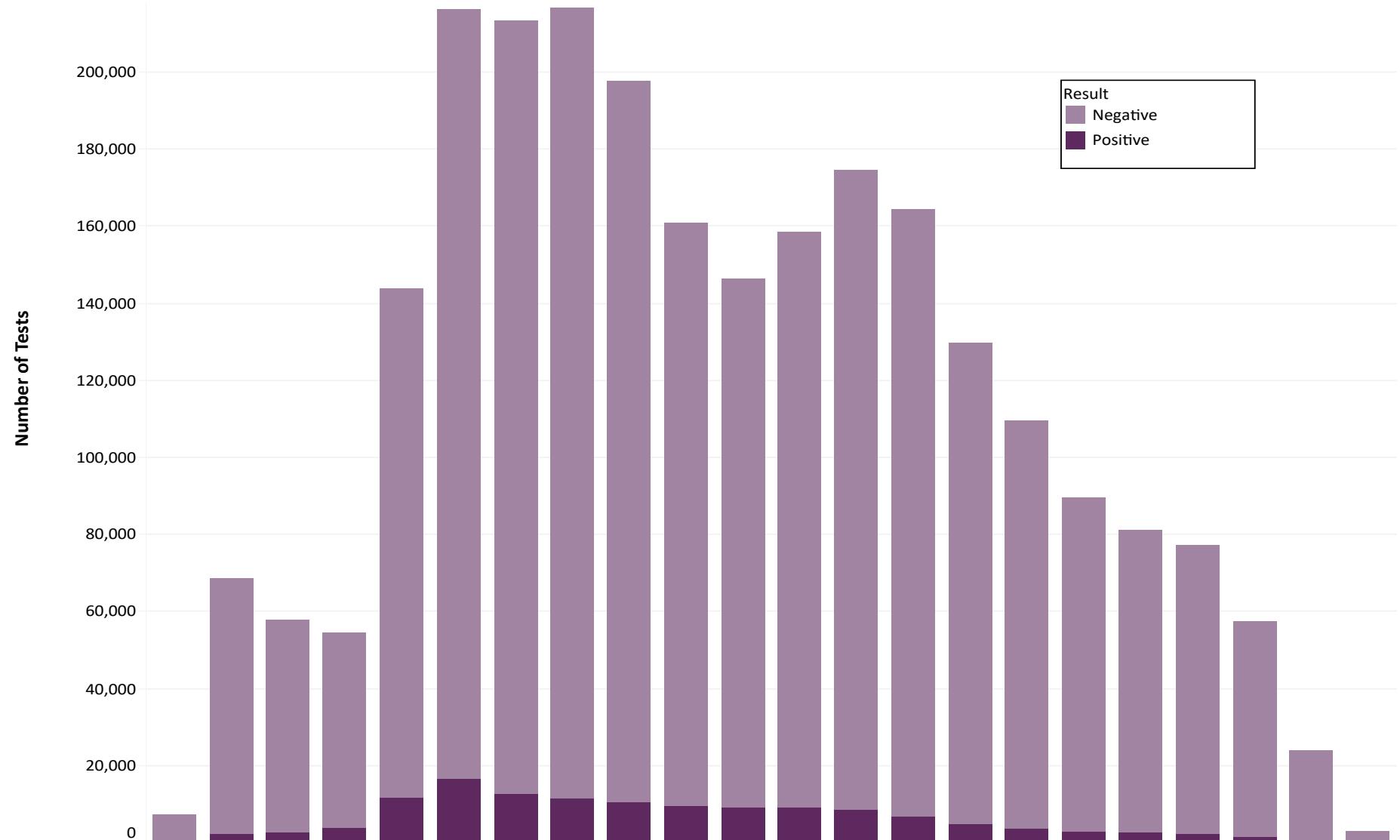
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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



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>)

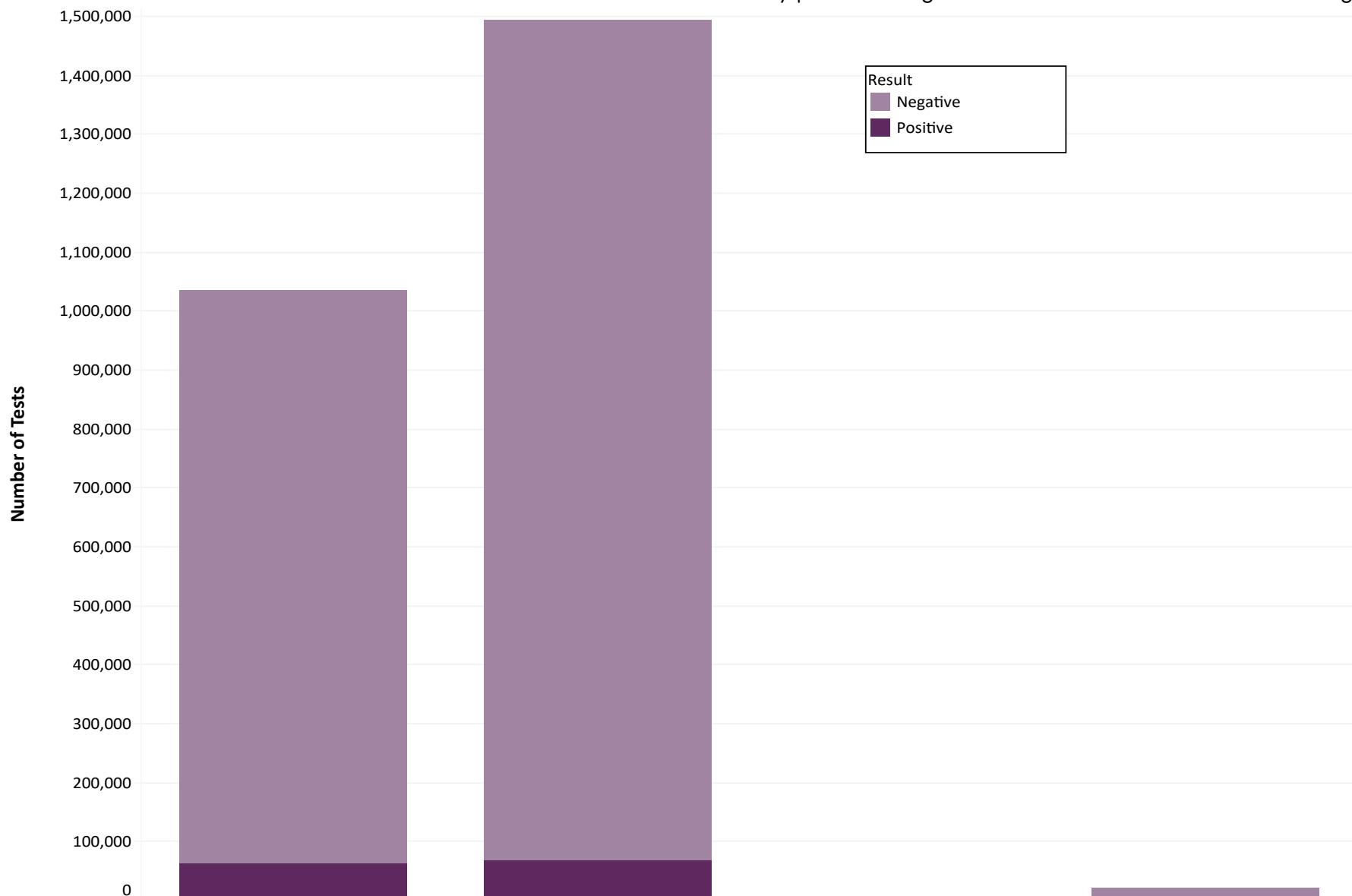
# Testing Demographics: Age

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). Numbers include both PCR and antigen tests.



# 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). Numbers include both PCR and antigen tests.



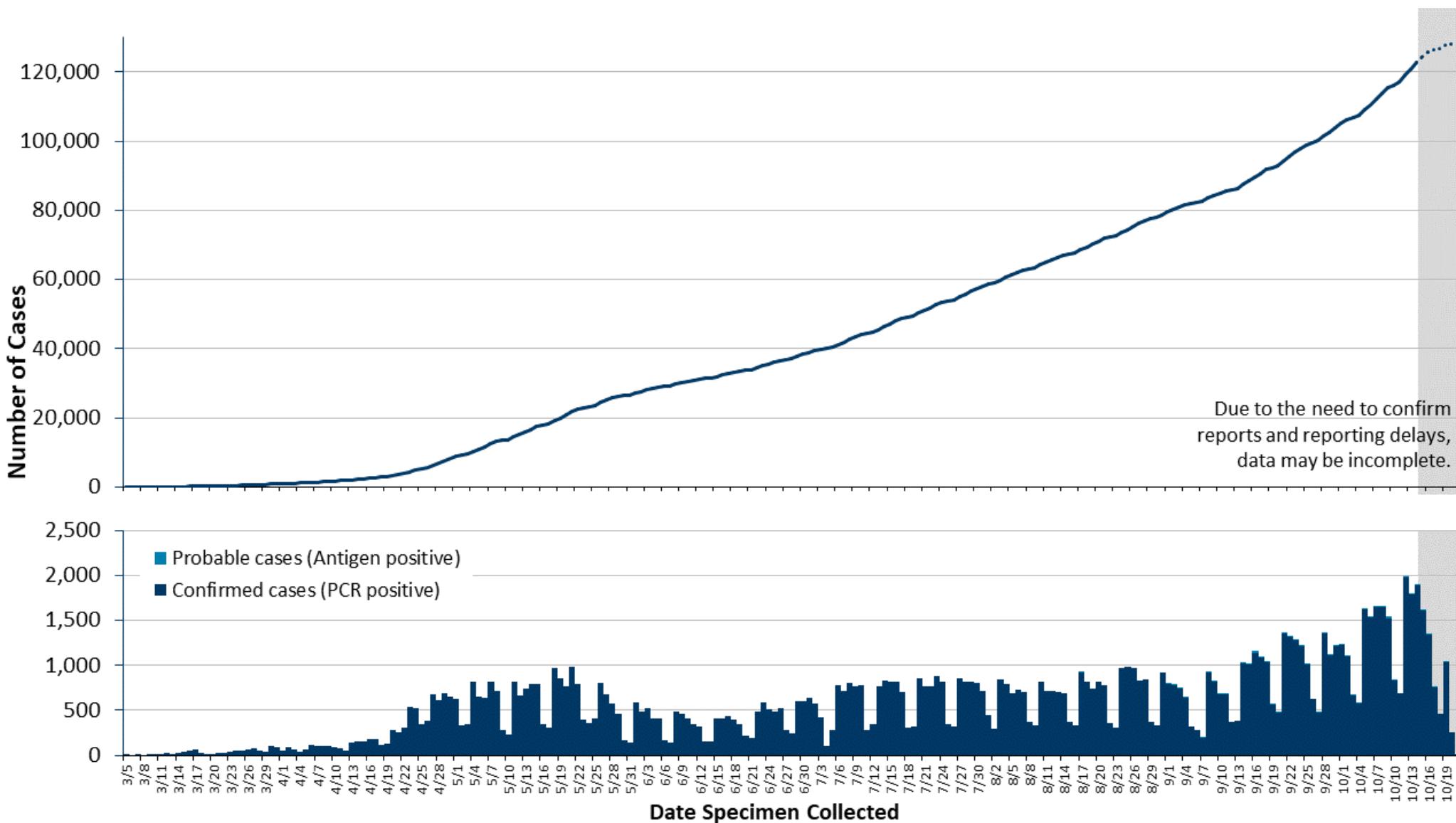
Gender	Male	Female	Other	Unk./missing	Total
Positive	63,485	68,802	3	647	132,937
Negative	971,969	1,424,272	3	22,267	2,418,511

# Positive COVID-19 Cases

128,152

Total Positive Cases  
(cumulative)

Cases are individual people who live in Minnesota that tested positive for COVID-19. Cases are represented by the initial date of positive specimen collection. Positive PCR test results are considered confirmed cases. Positive antigen test results are considered probable cases.

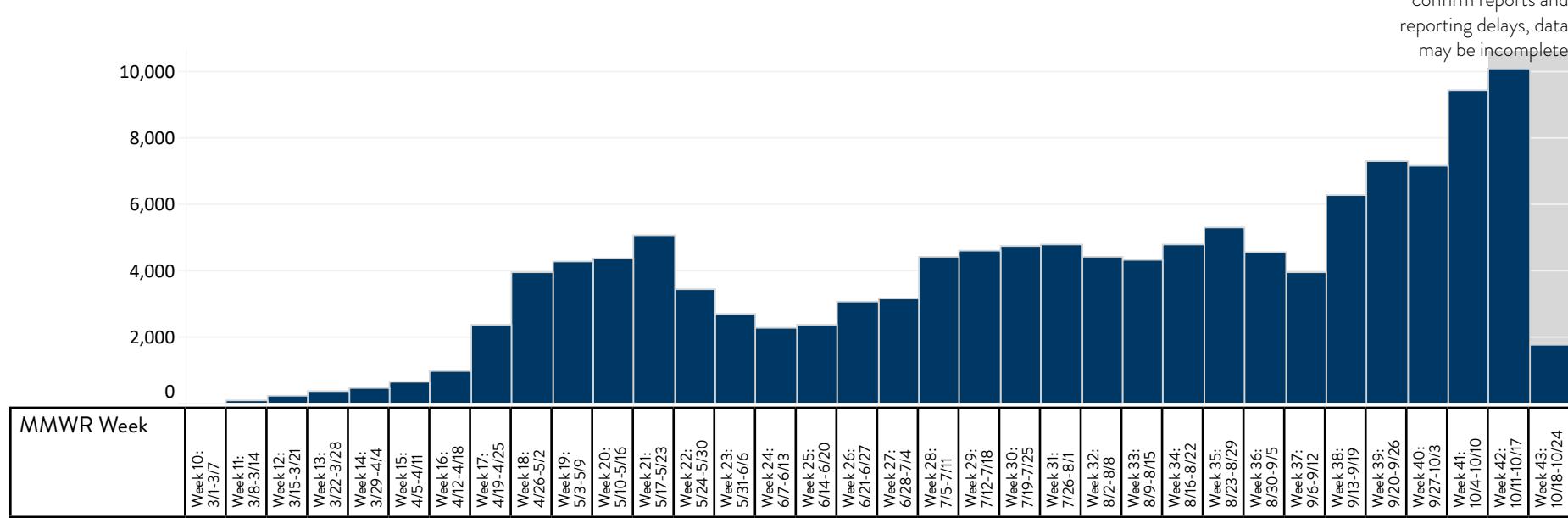


Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

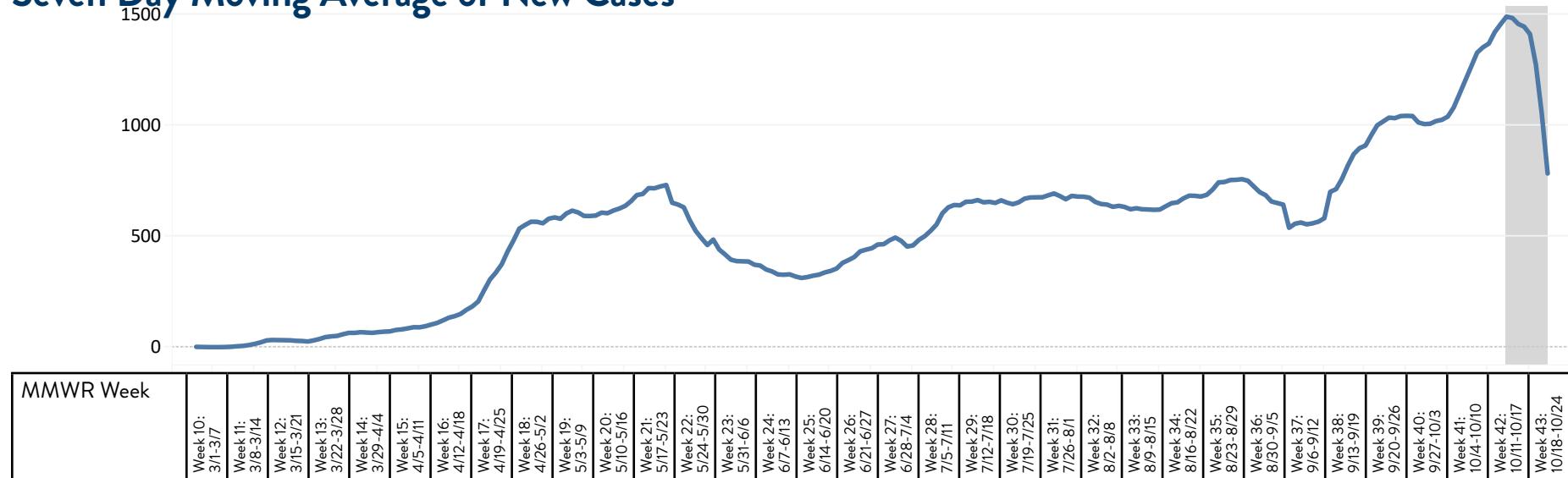
# New Cases by Week, 7-Day Average

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

## New Cases by Week of Specimen Collection

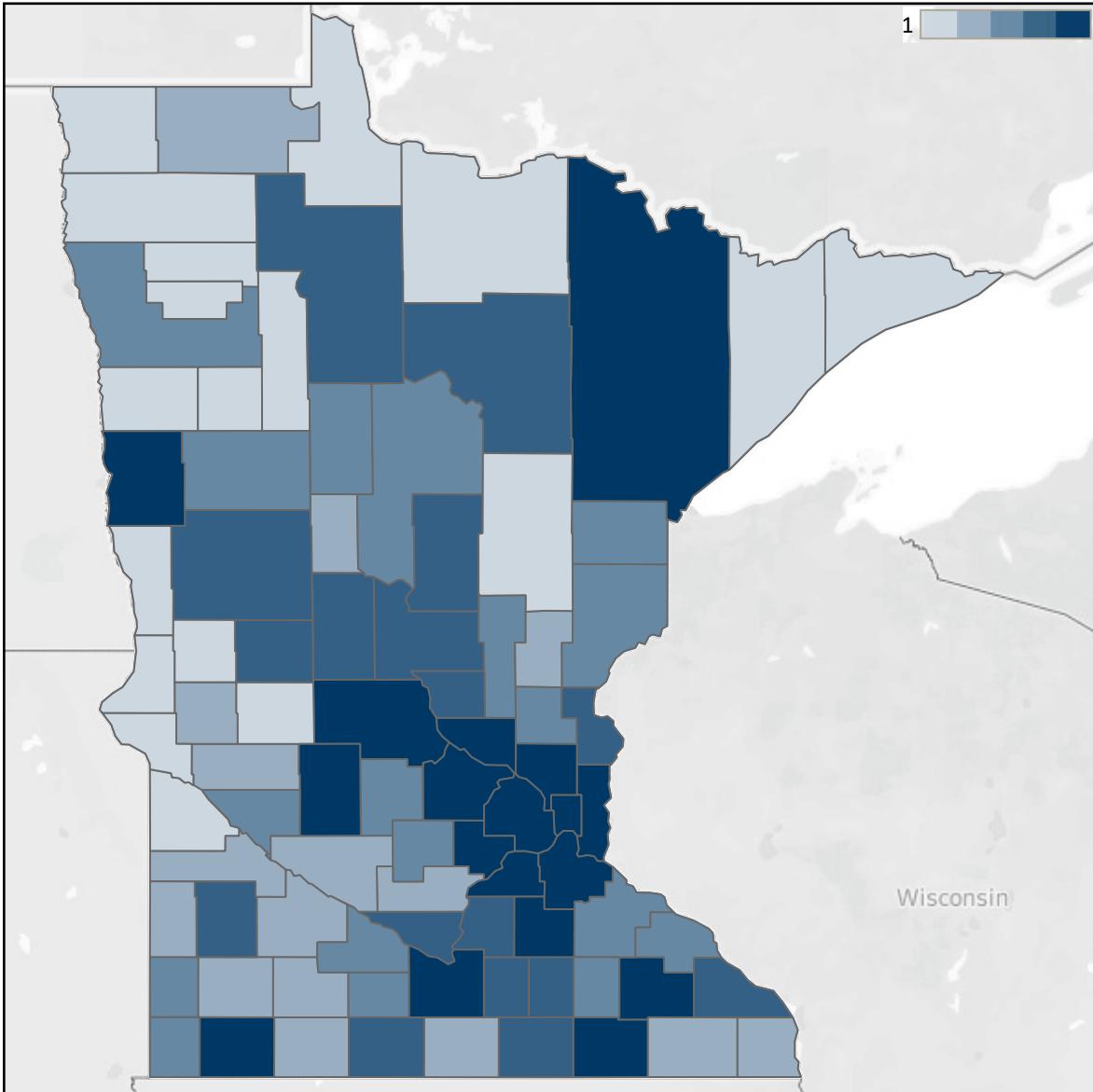


## Seven Day Moving Average of New Cases



# Cases by County of Residence

Cumulative number of positive cases by county of residence, patients no longer needing isolation. Patients 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. Numbers include confirmed and probable cases.



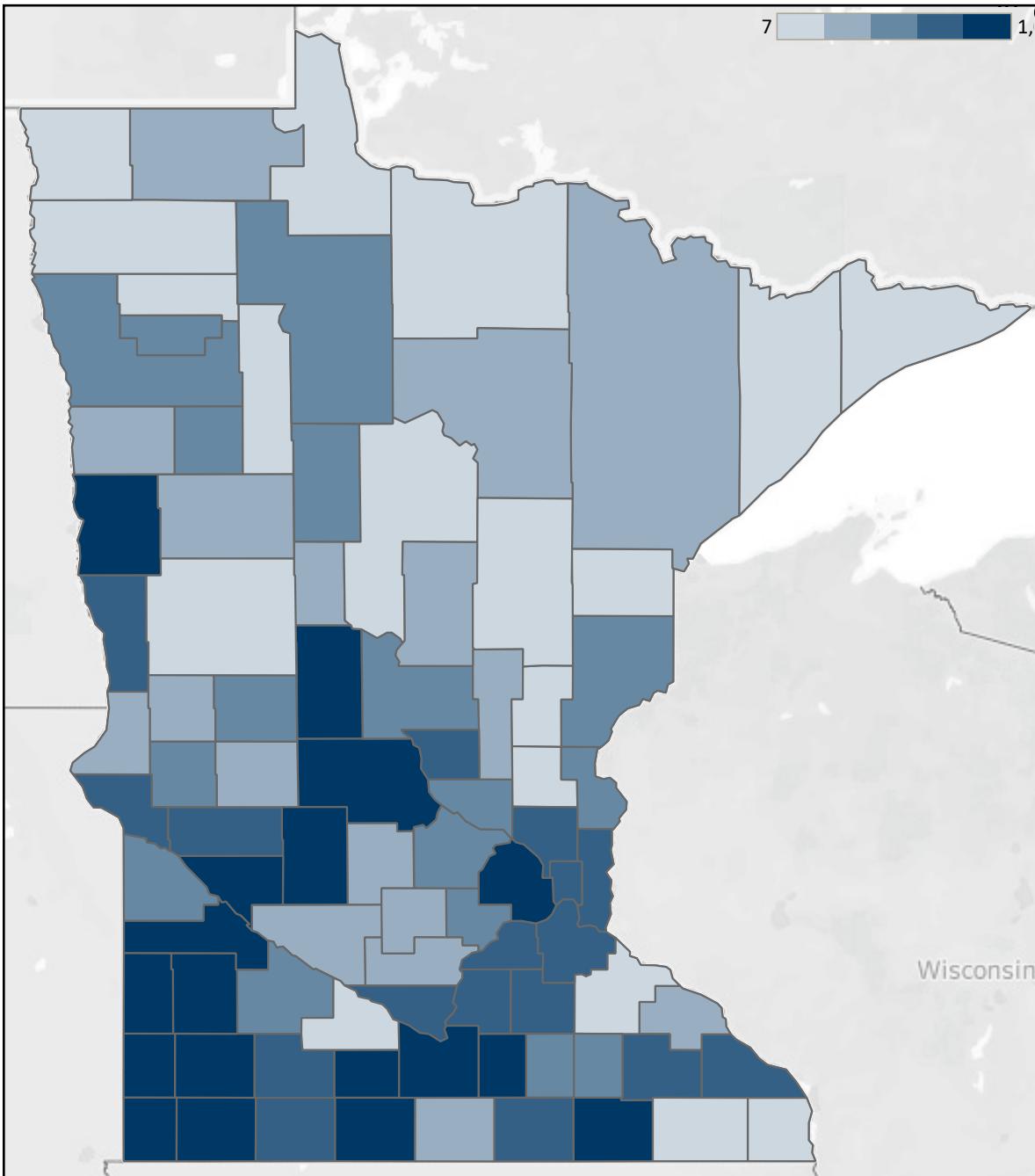
128,152 Total Positive Cases (cumulative)			113,976 No Longer Needing Isolation (cumulative)		
County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	159	130	Martin	602	544
Anoka	8,324	7,393	McLeod	576	545
Becker	519	424	Meeker	318	273
Beltrami	839	693	Mille Lacs	376	292
Benton	882	742	Morrison	657	471
Big Stone	131	112	Mower	1,499	1,437
Blue Earth	2,003	1,880	Murray	264	222
Brown	311	272	Nicollet	700	621
Carlton	403	355	Nobles	2,195	2,056
Carver	1,724	1,613	Norman	105	86
Cass	344	265	Olmsted	3,159	2,851
Chippewa	415	329	Otter Tail	789	638
Chisago	920	739	Pennington	171	149
Clay	2,153	1,793	Pine	519	467
Clearwater	88	55	Pipestone	336	293
Cook	11	8	Polk	557	445
Cottonwood	265	251	Pope	152	130
Crow Wing	947	744	Ramsey	13,609	12,342
Dakota	9,467	8,625	Red Lake	66	47
Dodge	379	339	Redwood	260	209
Douglas	632	526	Renville	237	203
Faribault	221	192	Rice	1,592	1,495
Fillmore	245	211	Rock	311	264
Freeborn	649	594	Roseau	216	163
Goodhue	542	450	Scott	3,265	2,962
Grant	92	74	Sherburne	1,606	1,406
Hennepin	33,024	29,971	Sibley	242	224
Houston	186	167	St. Louis	2,797	2,300
Hubbard	346	235	Stearns	5,546	4,861
Isanti	511	445	Steele	734	664
Itasca	696	574	Stevens	174	149
Jackson	204	175	Swift	193	177
Kanabec	194	160	Todd	752	618
Kandiyohi	1,639	1,382	Traverse	54	45
Kittson	37	17	Wabasha	343	282
Koochiching	164	148	Wadena	208	143
Lac qui Parle	130	106	Waseca	919	875
Lake	111	89	Washington	5,399	4,713
Lake of the Woods	43	38	Watonwan	572	547
Le Sueur	598	543	Wilkin	127	103
Lincoln	172	151	Winona	1,225	1,082
Lyon	941	867	Wright	2,332	2,117
Mahnomen	104	84	Yellow Medicine	271	249
Marshall	97	73	Unknown/missing	265	182

- 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>)

# Cumulative Case Rate by County of Residence

232  
cases per 10,000 people

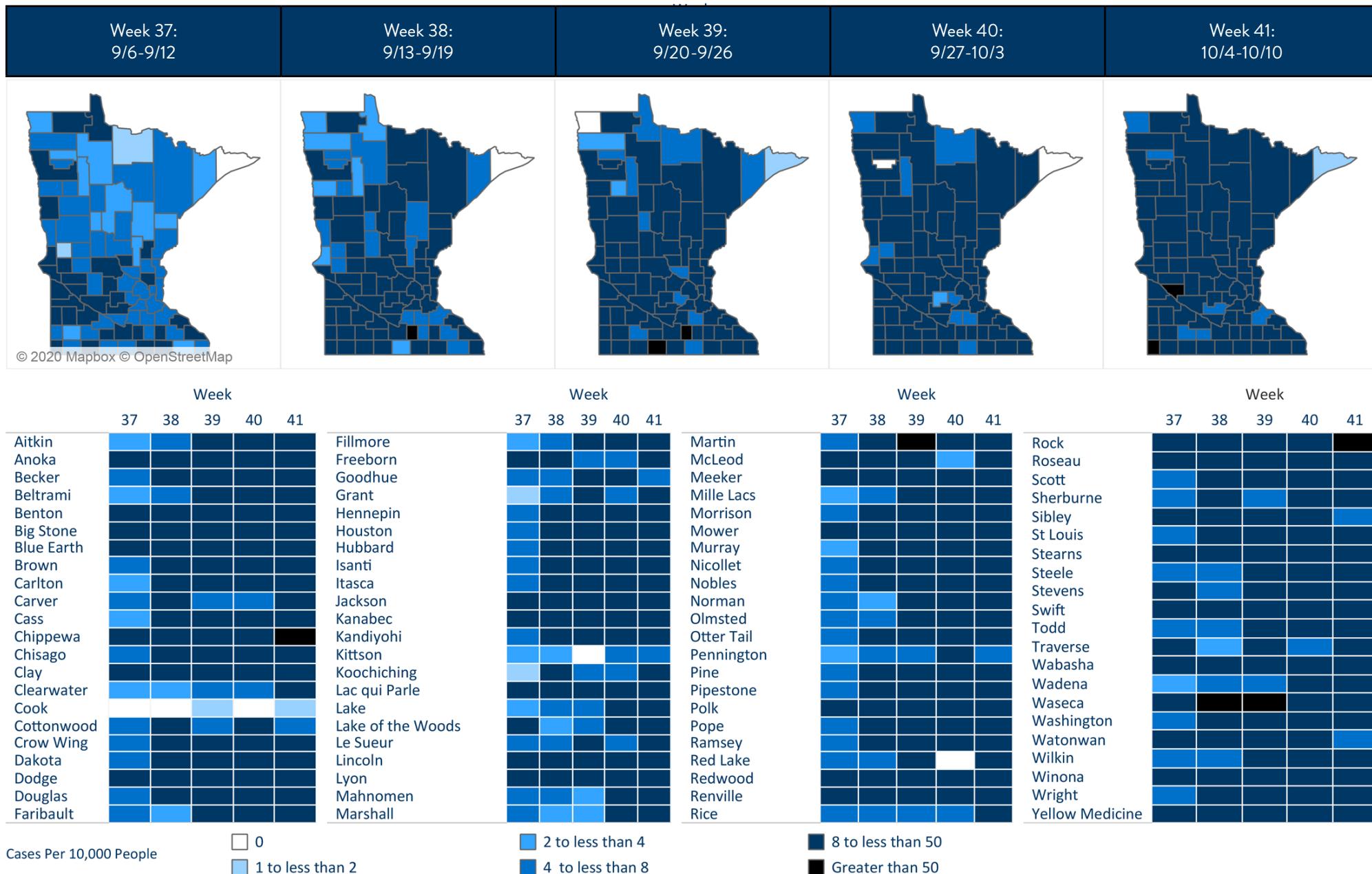
Cumulative number of cases by county of residence per 10,000 people. Numbers include confirmed and probable cases.



County	Cumulative Rate	County	Cumulative Rate
Aitkin	100	Martin	302
Anoka	240	McLeod	161
Becker	154	Meeker	138
Beltrami	182	Mille Lacs	146
Benton	222	Morrison	199
Big Stone	261	Mower	379
Blue Earth	302	Murray	316
Brown	123	Nicollet	207
Carlton	113	Nobles	1,005
Carver	172	Norman	160
Cass	119	Olmsted	206
Chippewa	346	Otter Tail	136
Chisago	168	Pennington	121
Clay	343	Pine	178
Clearwater	100	Pipistone	366
Cook	21	Polk	176
Cottonwood	233	Pope	138
Crow Wing	148	Ramsey	251
Dakota	226	Red Lake	165
Dodge	184	Redwood	170
Douglas	170	Renville	161
Faribault	159	Rice	242
Fillmore	117	Rock	330
Freeborn	213	Roseau	140
Goodhue	117	Scott	228
Grant	155	Sherburne	172
Hennepin	267	Sibley	162
Houston	100	St. Louis	140
Hubbard	166	Stearns	354
Isanti	131	Steele	200
Itasca	154	Stevens	178
Jackson	203	Swift	205
Kanabec	121	Todd	308
Kandiyohi	384	Traverse	162
Kitton	85	Wabasha	160
Koochiching	130	Wadena	152
Lac qui Parle	192	Waseca	489
Lake	105	Washington	213
Lake of the Woods	113	Watsonwan	521
Le Sueur	214	Wilkin	200
Lincoln	301	Winona	241
Lyon	364	Wright	176
Mahnomen	189	Yellow Medicine	275
Marshall	103		

# 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. Numbers include confirmed and probable cases.



- 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

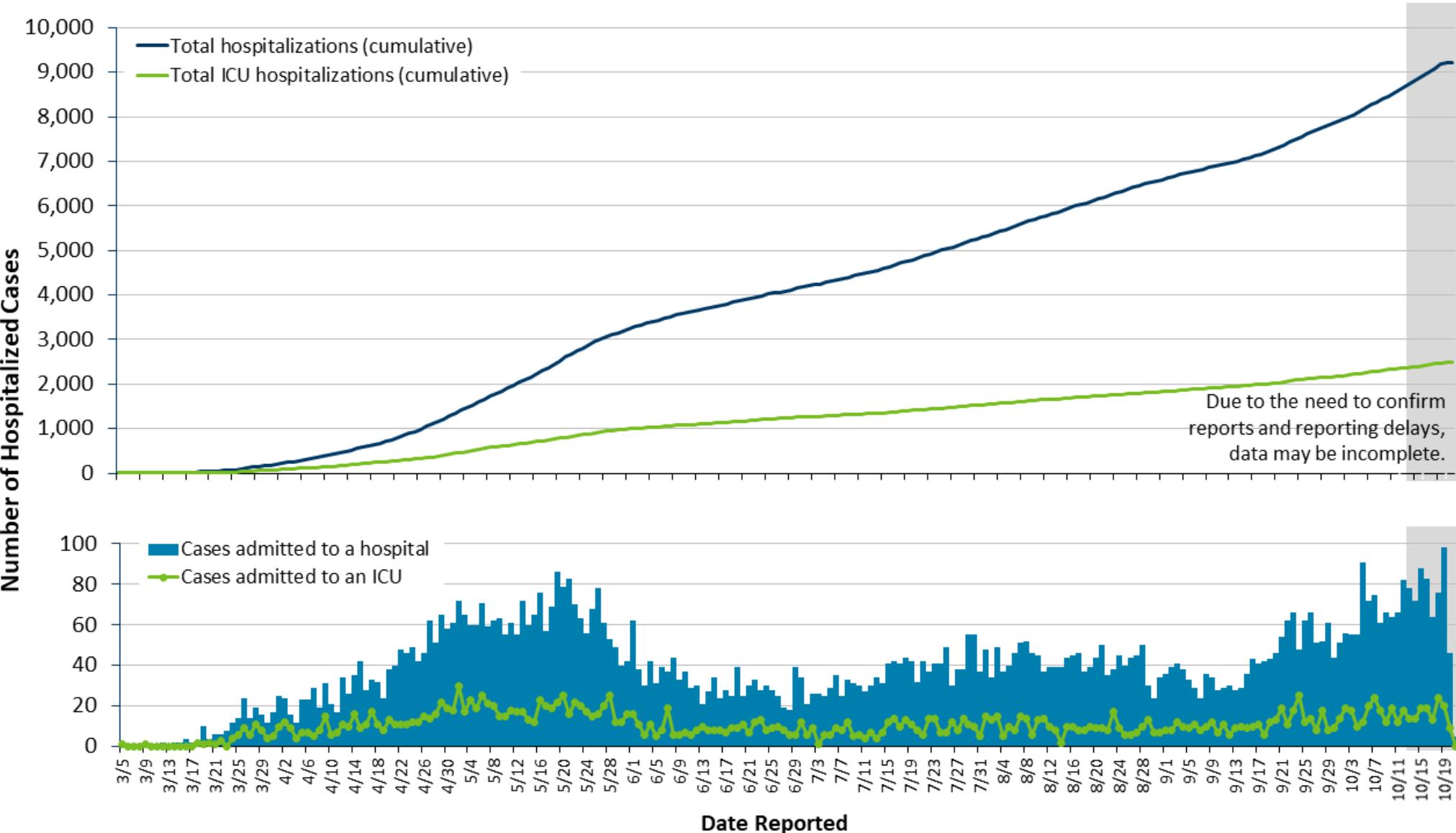
9,226

Total Hospitalizations  
(cumulative)

2,485

Total ICU Hospitalizations  
(cumulative)

Hospitalization data show how many people required admission to a hospital and ICU. Admissions include all Minnesota cases regardless of location of hospitalization. Cases in residents of other states hospitalized in Minnesota are not included. Numbers include confirmed and probable cases.

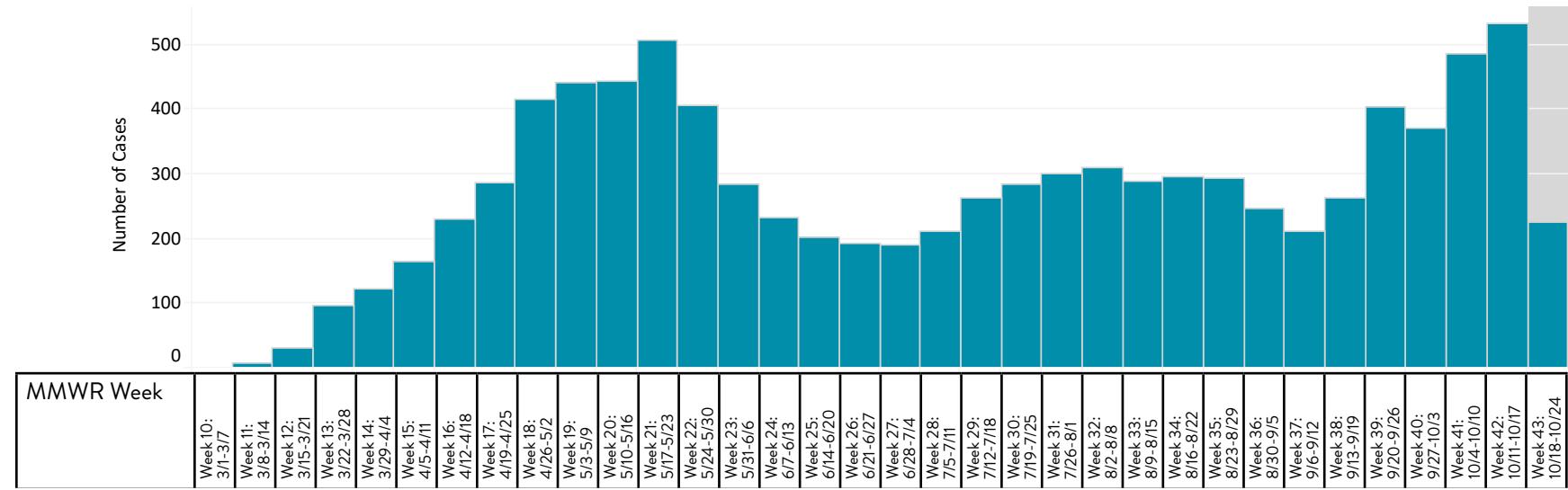


Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(https://www.health.state.mn.us/diseases/coronavirus/situation.html\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

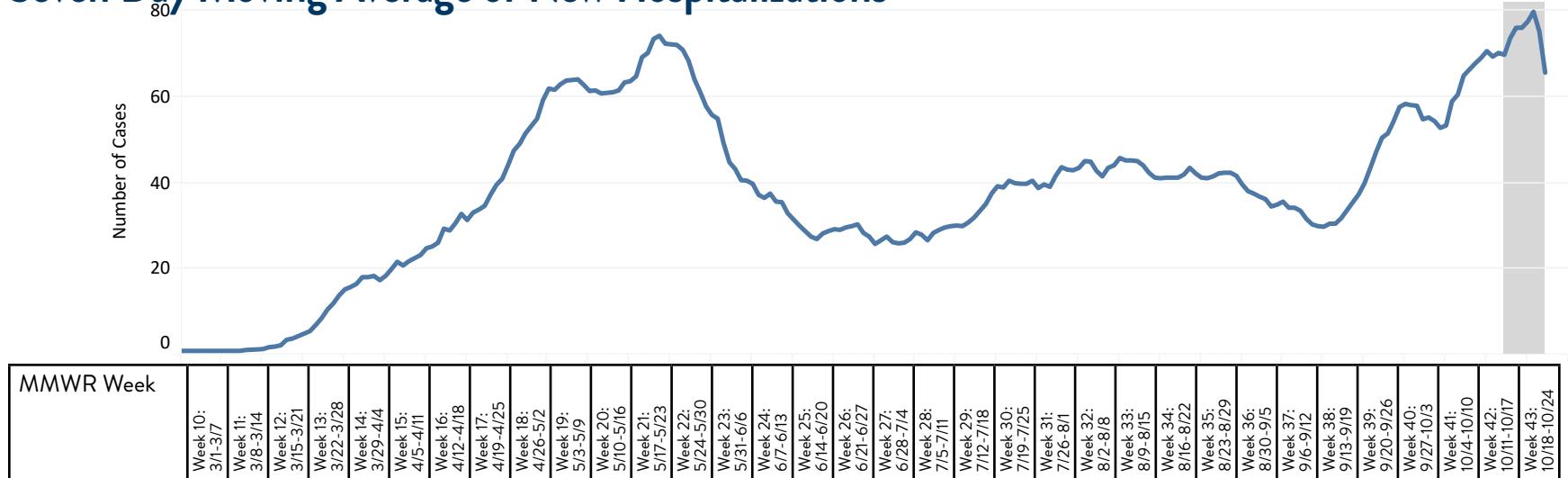
# Hospitalizations by Week, 7-Day Average

Cases by week of initial hospitalization, and 7-day moving average of new hospitalizations. Numbers include confirmed and probable cases.

## New Hospitalization by Week First Hospital Admission



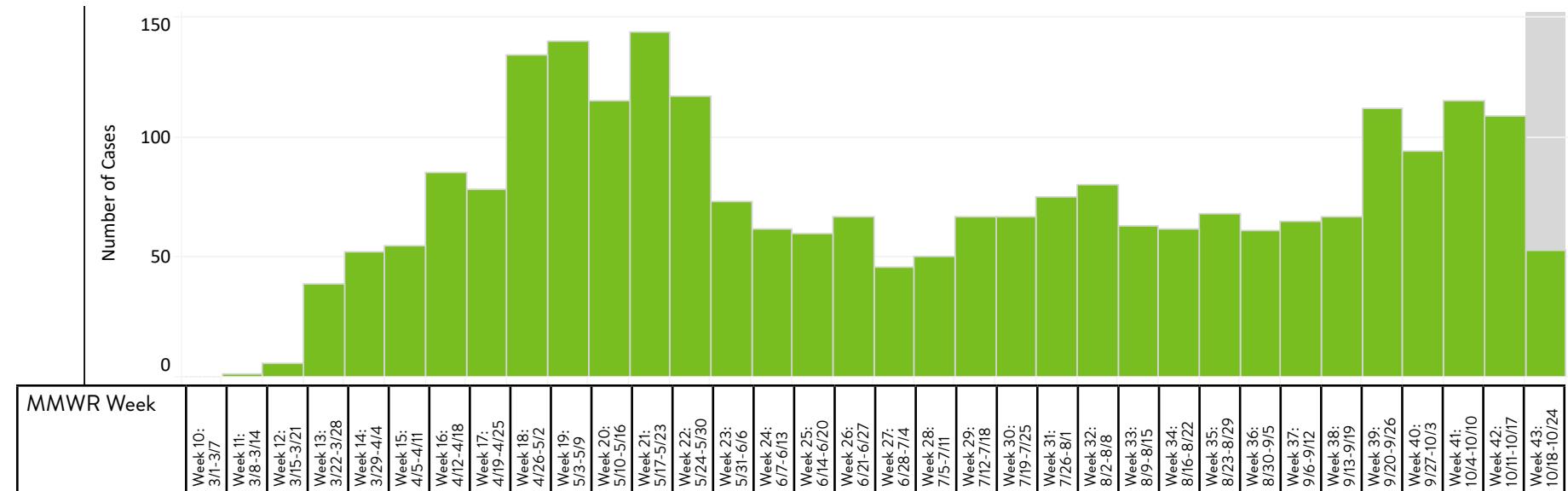
## Seven Day Moving Average of New Hospitalizations



# ICU Hospitalizations by Week, 7-Day Average

Cases by week of ICU hospital admission, and 7-day moving average of new ICU hospitalizations. Numbers include confirmed and probable cases.

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



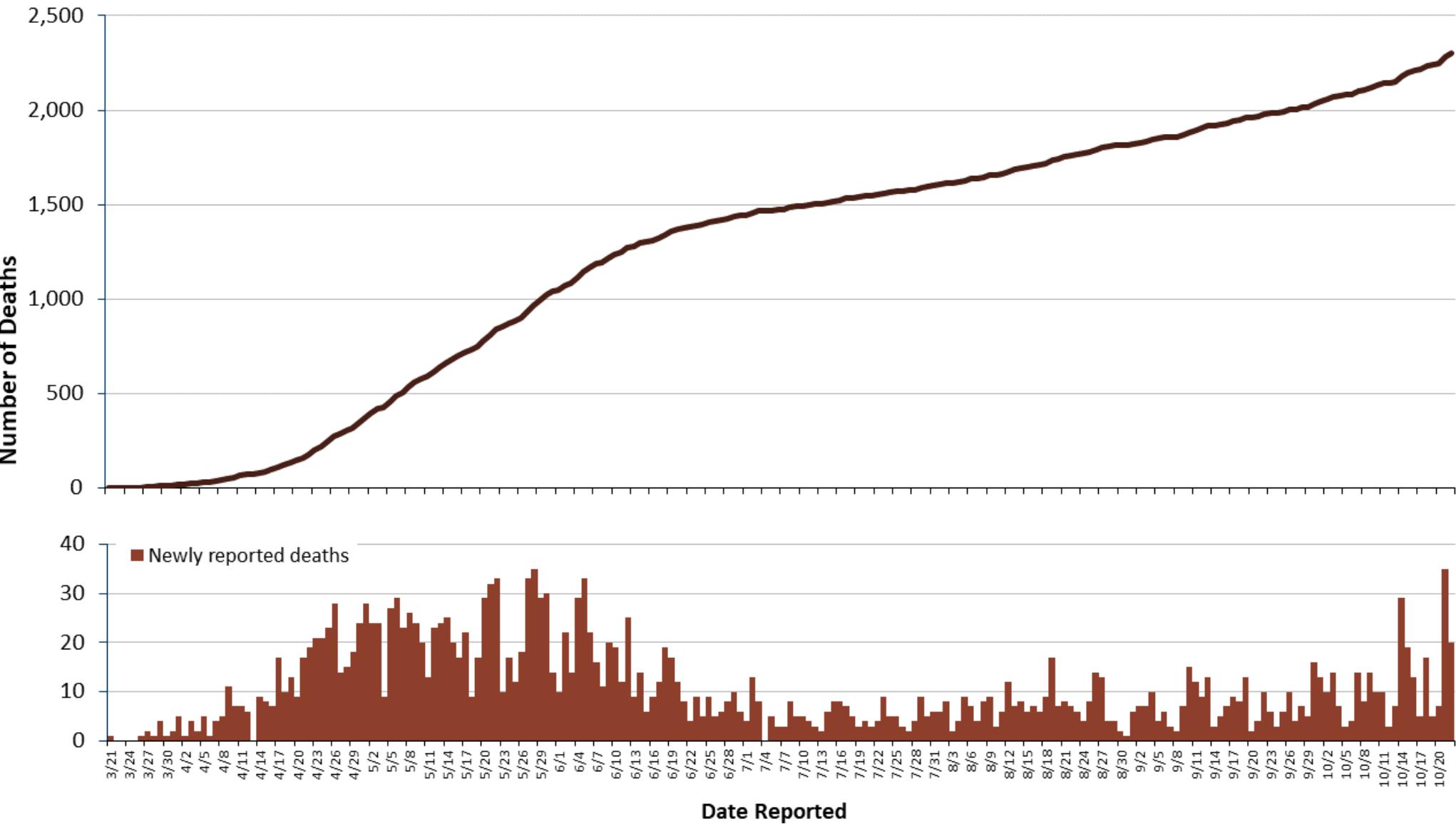
## Seven Day Moving Average of New ICU Hospitalizations



# COVID-19 Deaths

2,301  
Total Deaths  
(cumulative)

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.).

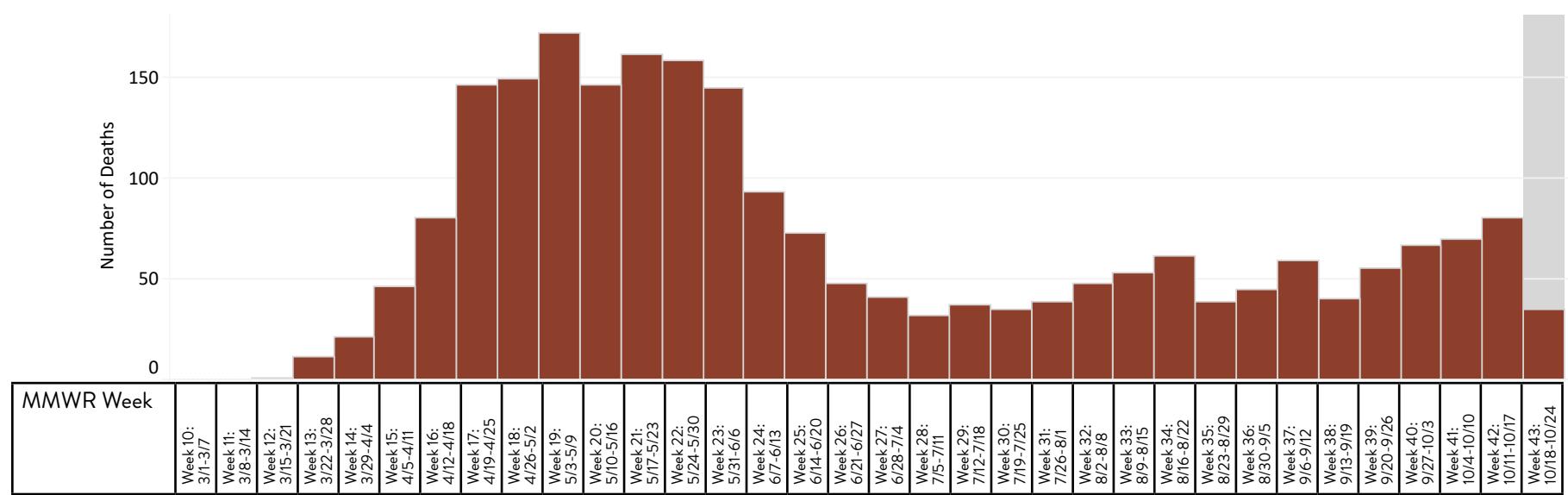


■ Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(<https://www.health.state.mn.us/diseases/coronavirus/situation.html>\)](https://www.health.state.mn.us/diseases/coronavirus/situation.htm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

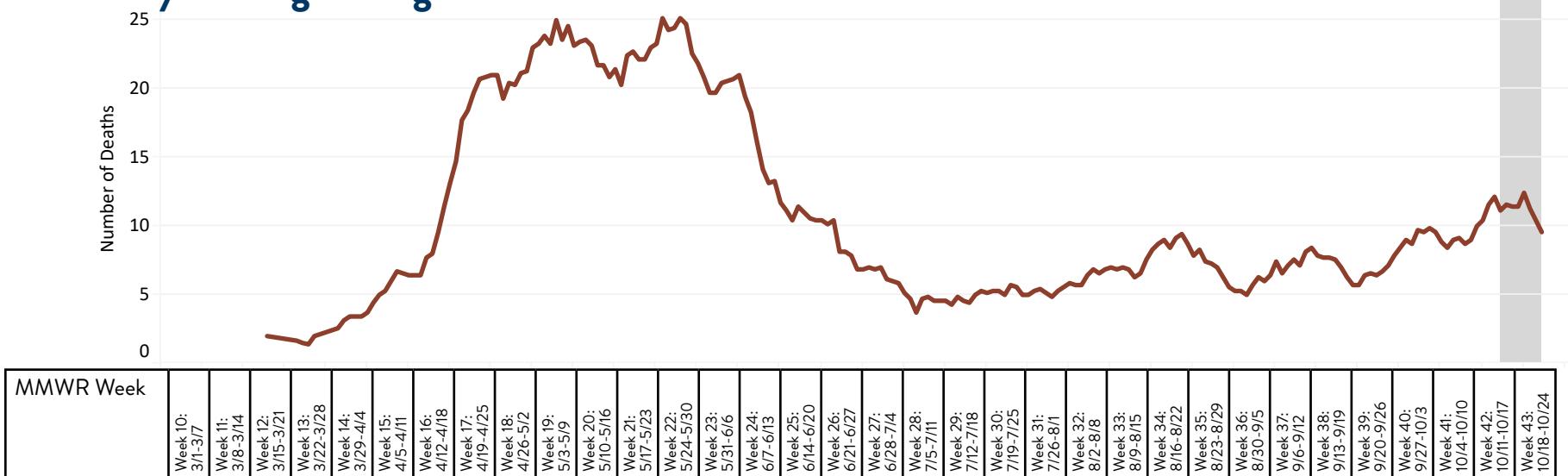
# Deaths by Week, 7-Day Average

Cases by week of death, and 7-day moving average of deaths. Numbers include confirmed and probable cases.

## Deaths by Week of Death



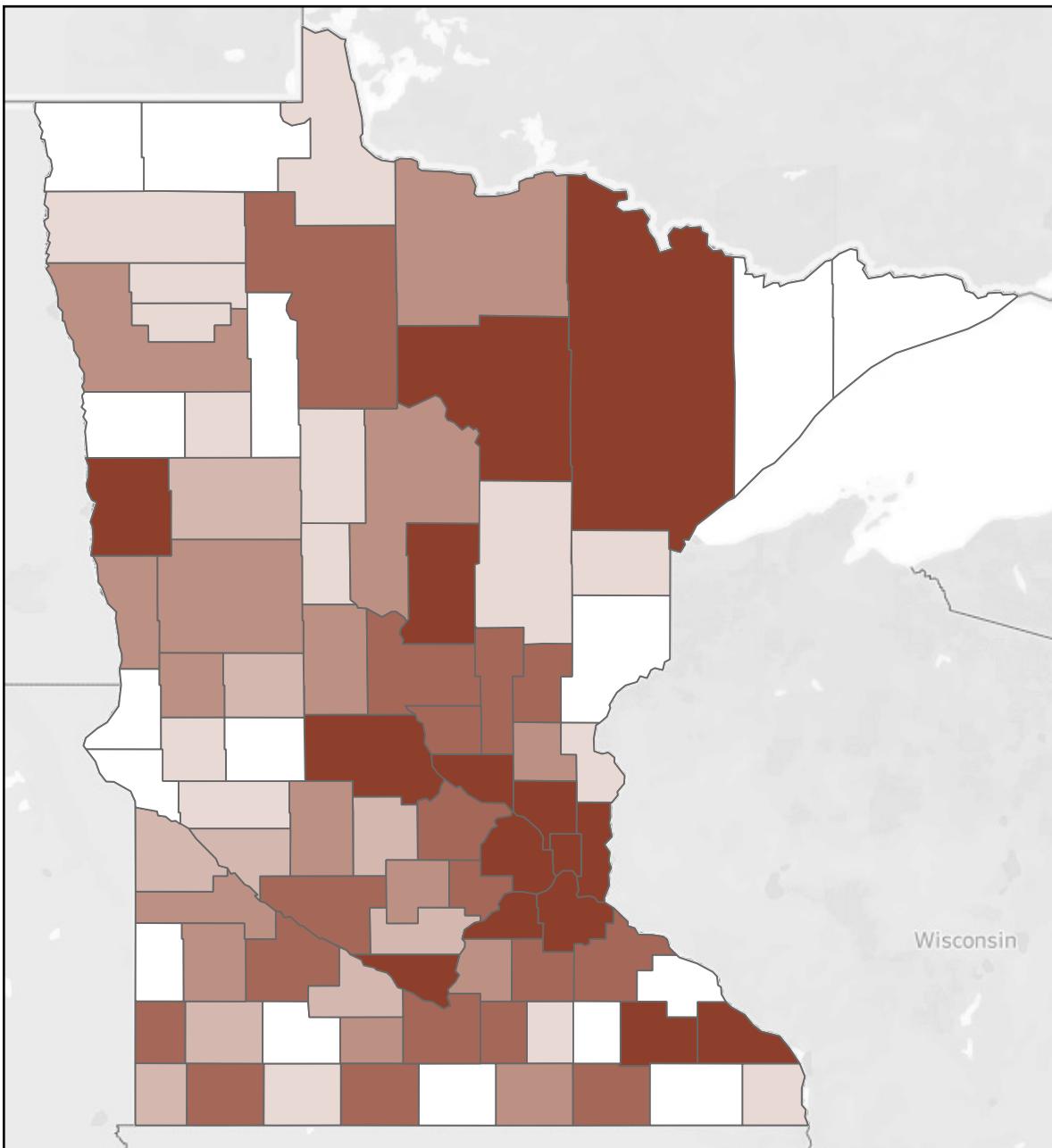
## Seven Day Moving Average of Deaths



# Deaths by County of Residence

2,301  
Total Deaths (cumulative)

Cumulative number of deaths by county of residence. Numbers include confirmed and probable cases.



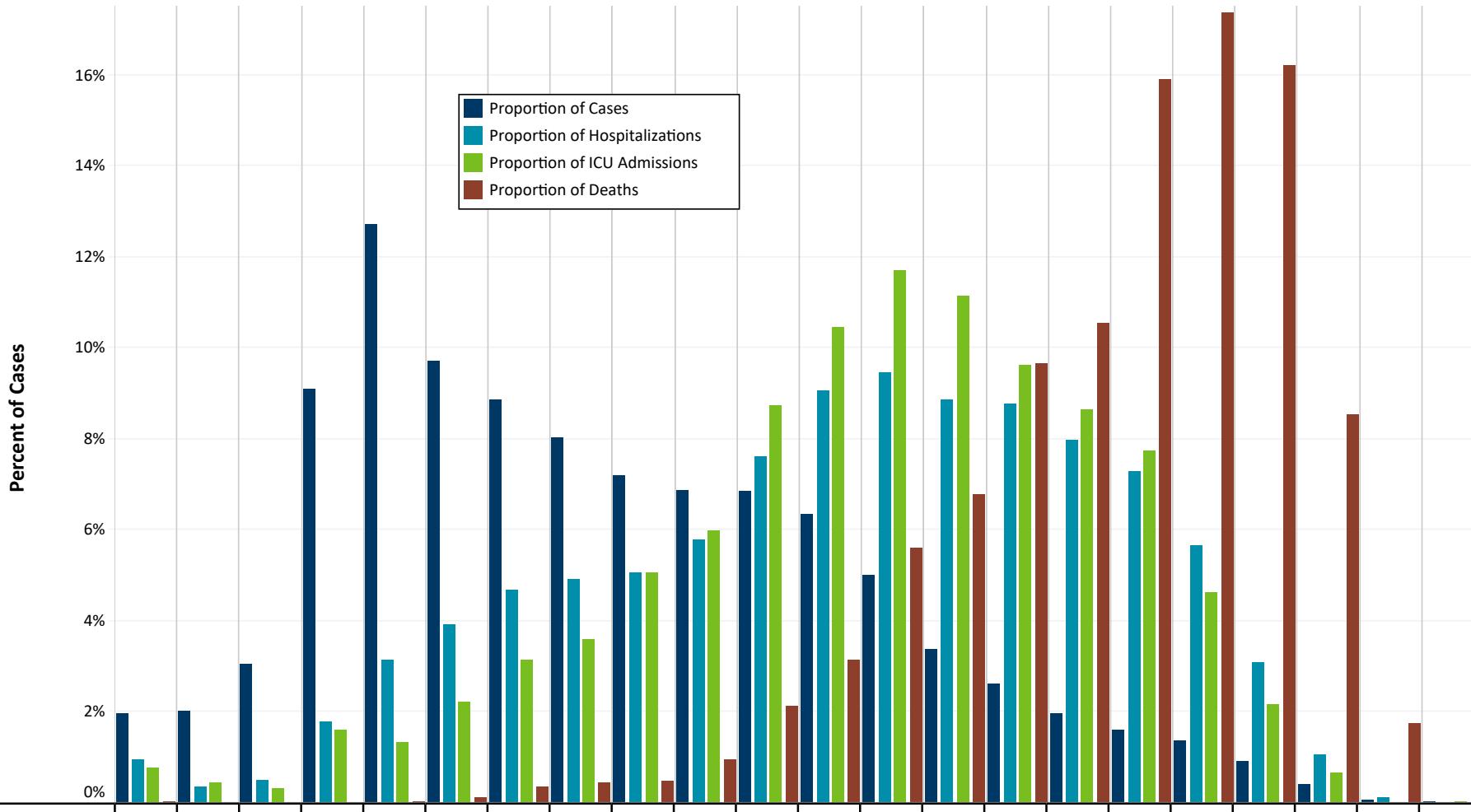
- Up to date data for this chart is provided in the [Minnesota Situation Update for Coronavirus Disease 2019 \(COVID-19\) \(<https://www.health.state.mn.us/diseases/coronavirus/situation.html>\)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

County	Deaths	County	Deaths
Aitkin	2	Martin	16
Anoka	150	McLeod	4
Becker	3	Meeker	3
Beltrami	7	Mille Lacs	13
Benton	7	Morrison	8
Big Stone	0	Mower	15
Blue Earth	7	Murray	3
Brown	3	Nicollet	17
Carlton	1	Nobles	16
Carver	7	Norman	0
Cass	5	Olmsted	30
Chippewa	3	Otter Tail	6
Chisago	2	Pennington	1
Clay	43	Pine	0
Clearwater	0	Pipestone	16
Cook	0	Polk	4
Cottonwood	0	Pope	0
Crow Wing	21	Ramsey	355
Dakota	136	Red Lake	2
Dodge	0	Redwood	11
Douglas	3	Renville	11
Faribault	0	Rice	9
Fillmore	0	Rock	3
Freeborn	4	Roseau	0
Goodhue	11	Scott	34
Grant	4	Sherburne	21
Hennepin	980	Sibley	3
Houston	1	St. Louis	65
Hubbard	2	Stearns	41
Isanti	5	Steele	2
Itasca	17	Stevens	1
Jackson	1	Swift	1
Kanabec	10	Todd	5
Kandiyohi	5	Traverse	0
Kitton	0	Wabasha	0
Koochiching	4	Wadena	2
Lac qui Parle	3	Waseca	9
Lake	0	Washington	68
Lake of the Woods	1	Watowwan	4
Le Sueur	5	Wilkin	4
Lincoln	0	Winona	18
Lyon	6	Wright	14
Mahnomen	1	Yellow Medicine	5
Marshall	1	Unknown/missing	0

# Demographics: Age

Age groups, median age, and range for confirmed and probable cases.

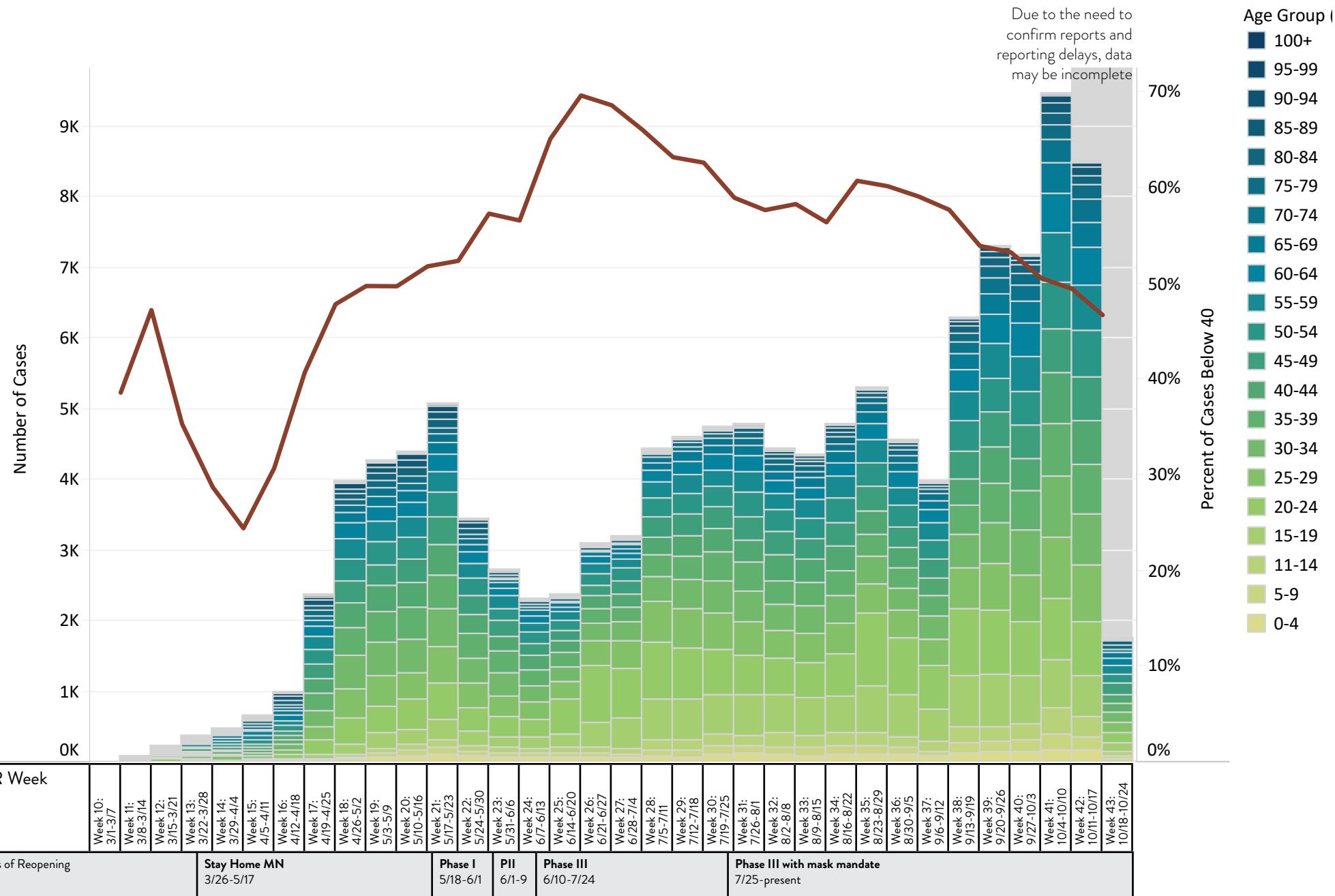
	Median Age (Range) in Years
All Cases	36 (<1 month - 109)
Non-Hospitalized Cases	35 (<1 month - 109)
Hospitalizations	61 (<1 month - 105)
ICU Hospitalizations	62 (<1 month - 99)
Deaths	83 (<1 - 109)



Age Group (in years)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unk./missing	Total
All Cases	2,502	2,585	3,916	11,641	16,285	12,451	11,343	10,301	9,223	8,804	8,772	8,120	6,419	4,345	3,328	2,523	2,038	1,734	1,190	519	94	19	128,152
Hospitalizations	87	33	46	165	290	361	431	453	466	534	703	835	872	817	810	735	671	521	285	99	11	1	9,226
ICU Hospitalizations	19	11	8	40	33	55	78	89	126	149	217	260	291	277	239	215	192	115	54	16	0	1	2,485
Deaths	1	0	0	0	1	3	8	10	11	22	49	72	128	157	221	242	365	399	373	197	42	0	2,301

# Cases by Age Group and Specimen Collection Date

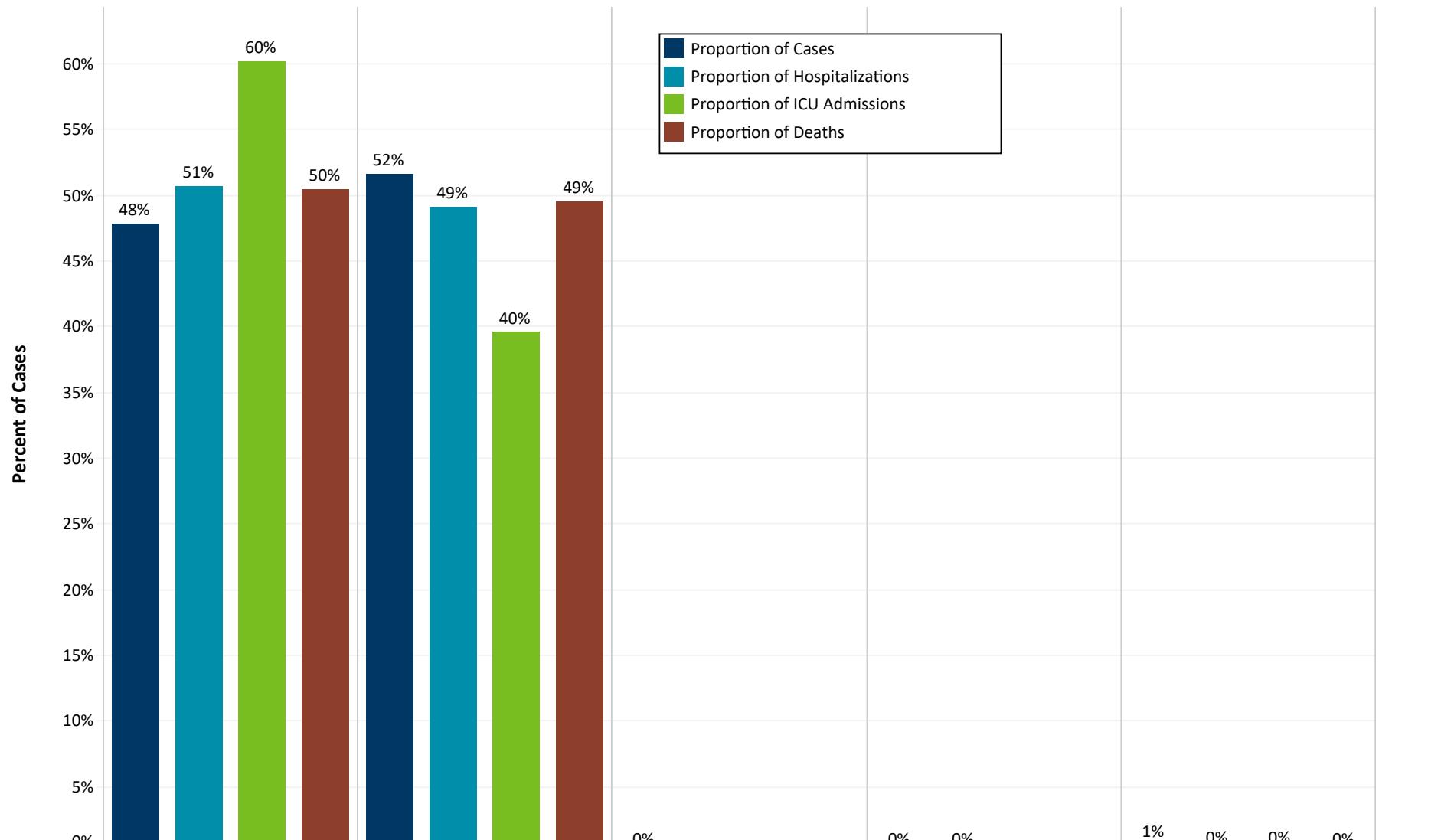
Cases by age group by date of specimen collection in Minnesota. Numbers include confirmed and probable cases.



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

# Demographics: Gender

Gender for confirmed and probable cases. Gender is collected during case interview and is self-reported.

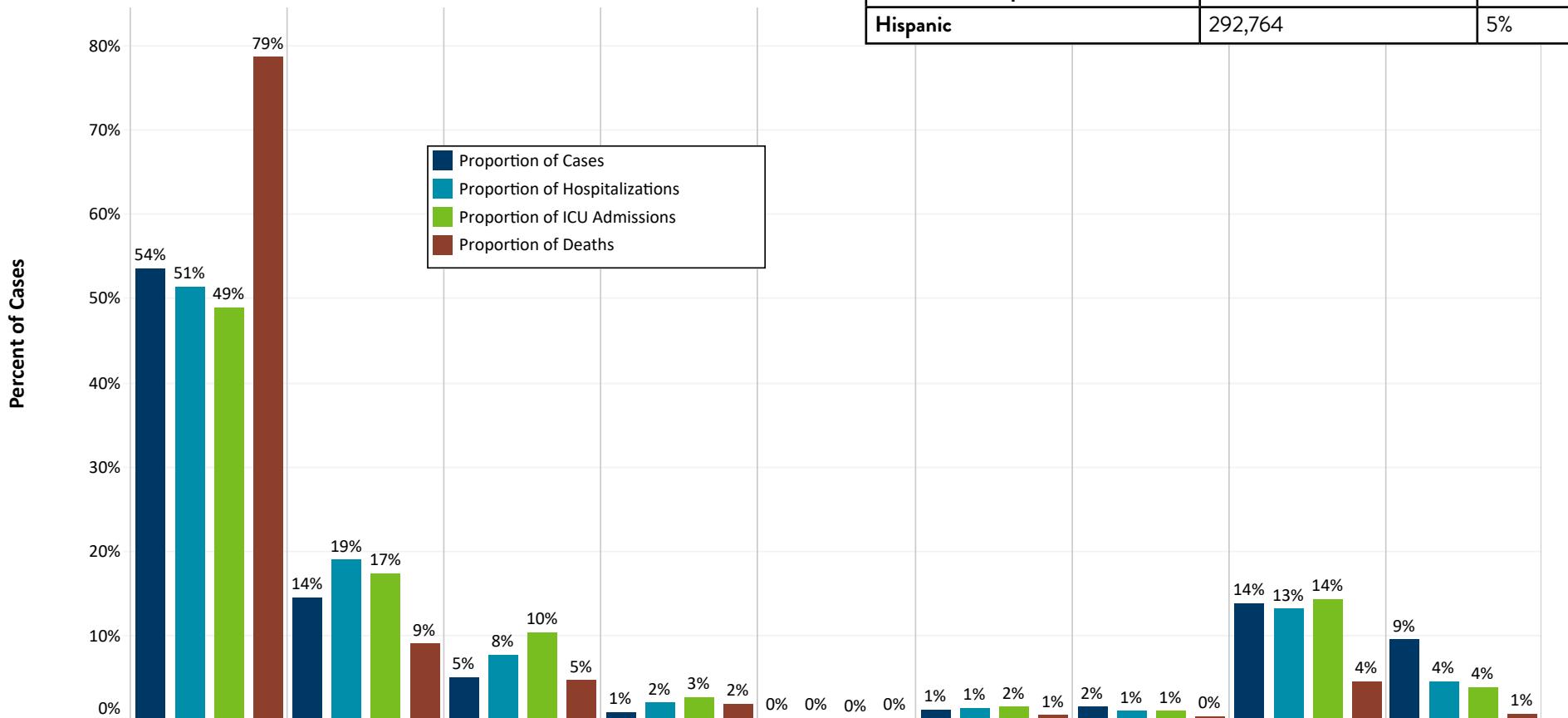


Gender	Male	Female	Other	Unk./missing	Total
All Cases	61,319	66,159	13	661	128,152
Hospitalizations	4,680	4,534	1	11	9,226
ICU Hospitalizations	1,497	985	0	3	2,485
Deaths	1,159	1,140	0	2	2,301

# Demographics: Race & Ethnicity

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

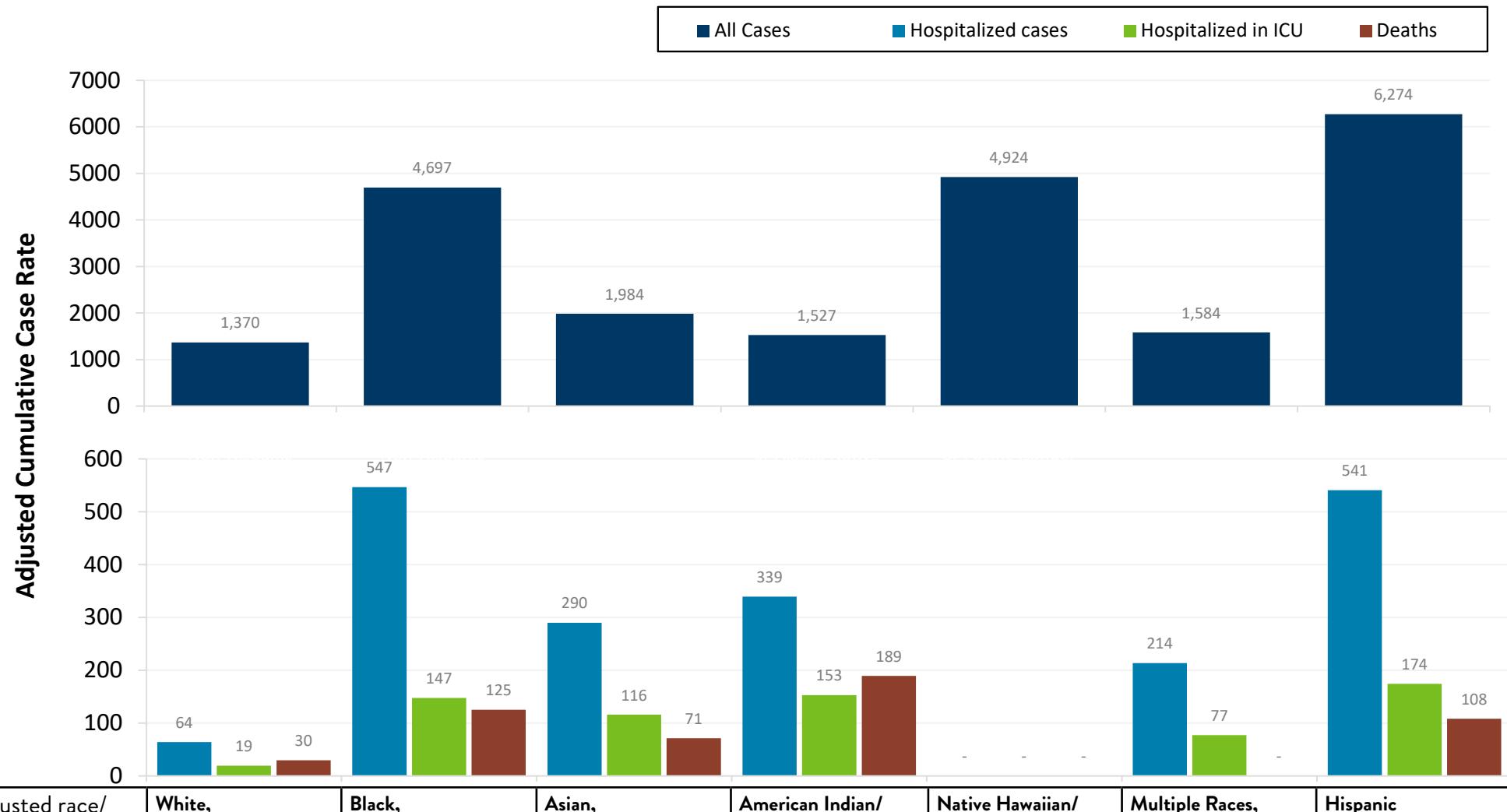
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233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



Race/ethnicity	White, non-Hispanic	Black, non-Hispanic	Asian, non-Hispanic	Amer. Indian/AK Native, NH	Native HI/Pacific Isl., NH	Multiple Races, non-Hispanic	Other, non-Hispanic	Hispanic	Unknown/missing	Total
All Cases	68,668	18,523	6,441	1,141	160	1,523	1,932	17,701	12,063	128,152
Hospitalizations	4,737	1,754	712	179	9	130	88	1,208	409	9,226
ICU Hospitalizations	1,216	432	256	66	2	38	26	354	95	2,485
Deaths	1,811	204	105	42	2	12	6	104	15	2,301

# Age-Adjusted Race & Ethnicity Rates

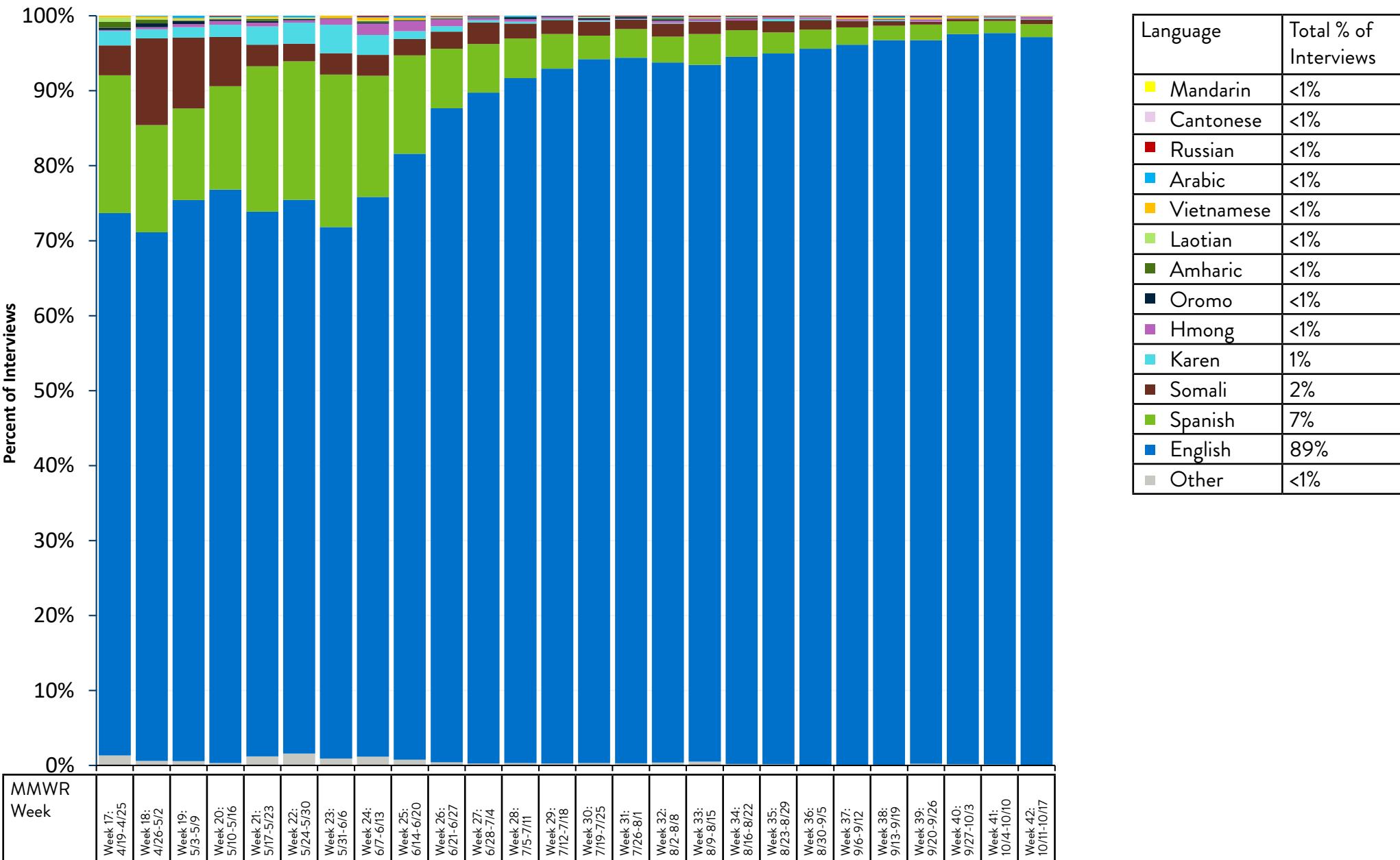
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total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



Age adjusted race/ethnicity	White, non-Hispanic	Black, non-Hispanic	Asian, non-Hispanic	American Indian/Alaskan Native, NH	Native Hawaiian/Pacific Islander, NH	Multiple Races, non-Hispanic	Hispanic
All Cases	1,370	4,697	1,984	1,527	4,924	1,584	6,274
Hospitalizations	64	547	290	339	-	214	541
ICU Hospitalizations	19	147	116	153	-	77	174
Deaths	30	125	71	189	-	-	108

# Demographics: Interview Language

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.



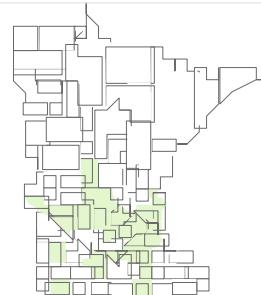
# Interview Language by County of Residence

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

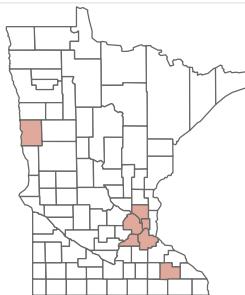
Percent of Interviews by Language and Week

MMWR Week	Language	Percentage
Week 39: 9/13-9/19	English	96.5%
	Spanish	2.1%
	Somali	0.4%
	Hmong	0.3%
	Karen	0.0%
	Vietnamese	0.2%
	Other	0.5%
Week 40: 9/20-9/26	English	97.4%
	Spanish	1.7%
	Somali	0.3%
	Hmong	0.1%
	Karen	0.0%
	Oromo	0.0%
	Vietnamese	0.2%
	Other	0.2%
Week 41: 9/27-10/3	English	97.6%
	Spanish	1.6%
	Somali	0.3%
	Hmong	0.1%
	Karen	0.1%
	Oromo	0.0%
	Vietnamese	0.0%
	Amharic	0.0%
	Other	0.2%

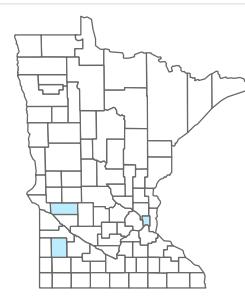
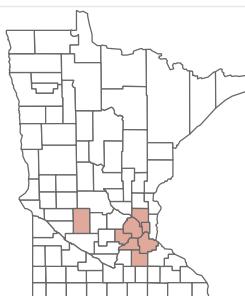
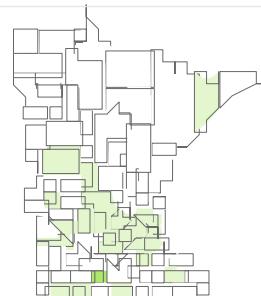
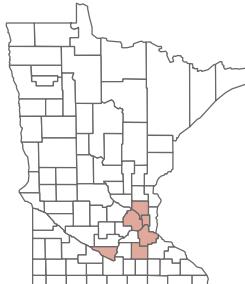
Spanish Language Interviews  
by Week and County



Somali Language Interviews  
by Week and County



Karen Language Interviews  
by Week and County



© Mapbox © OSM

- 0% or no interviews
- >0 to 25%
- >25% to 50%

© Mapbox © OSM

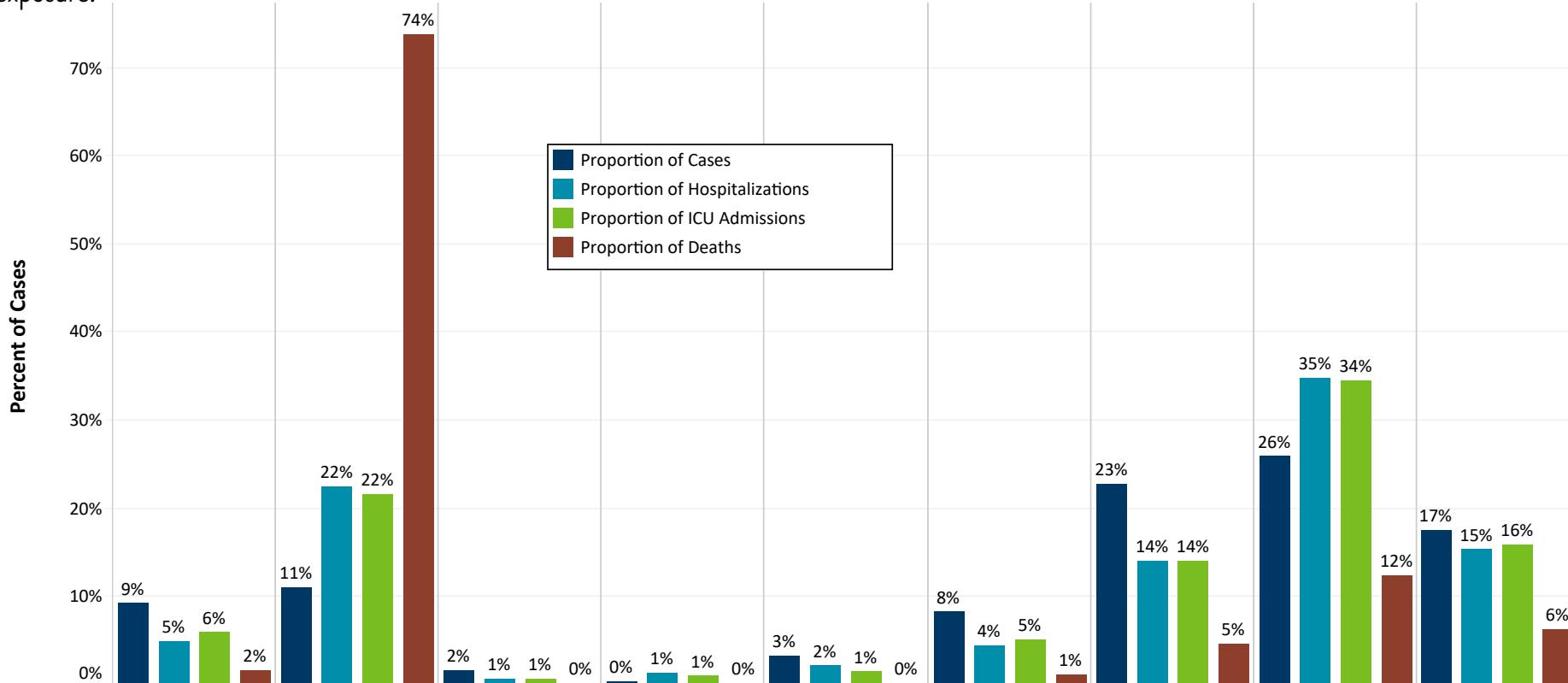
- 0% or no interviews
- >0 to 10%

© Mapbox © OSM

- 0% or no interviews
- >0 to 10%

# Likely Exposure

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.



Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	11,734	14,203	2,191	381	4,248	10,637	29,145	33,274	22,339	128,152
Hospitalizations	463	2,069	55	115	195	410	1,294	3,214	1,411	9,226
ICU Hospitalizations	148	535	16	24	37	126	347	857	395	2,485
Deaths	39	1,698	2	3	4	25	104	283	143	2,301

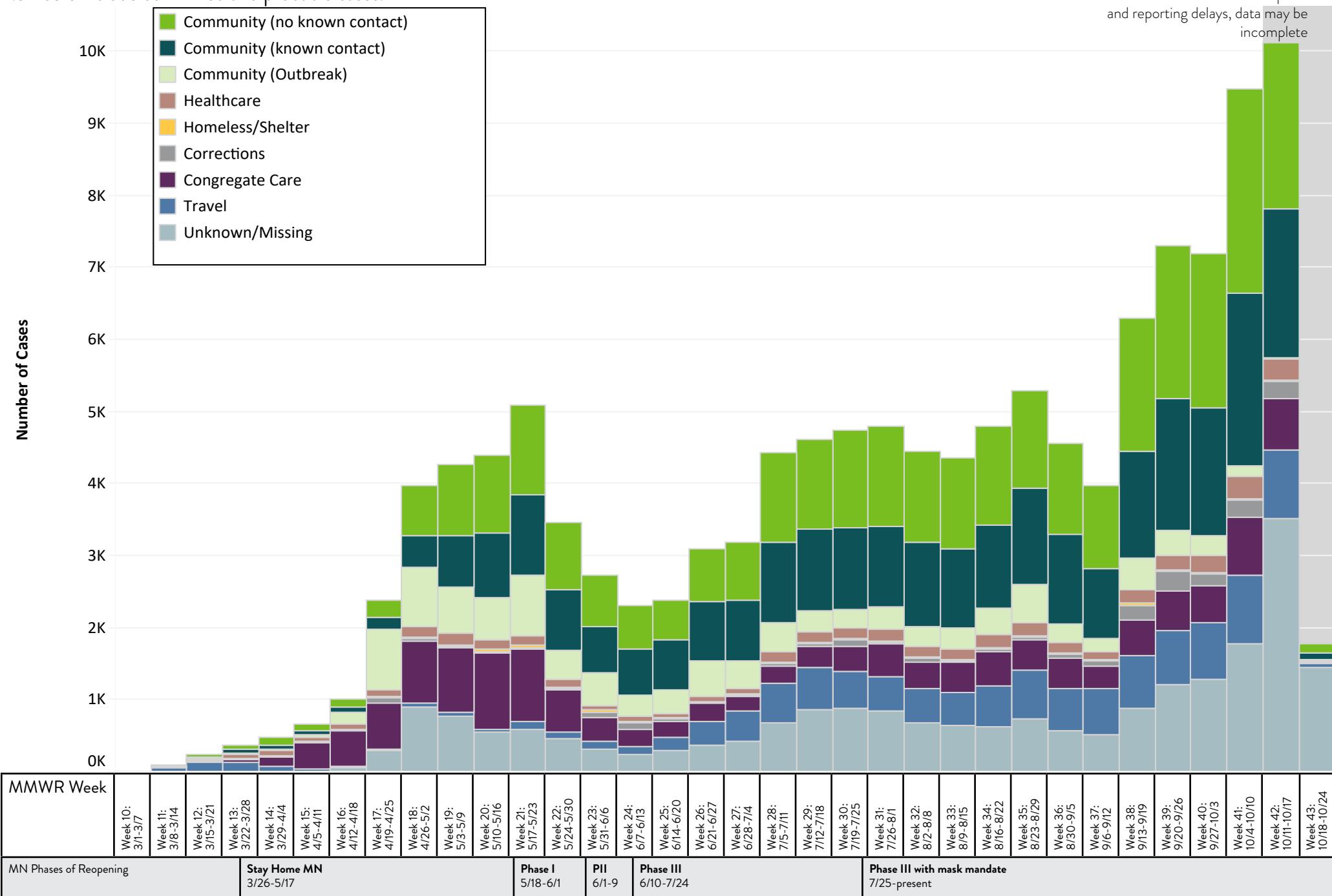
- Community (outbreak): Case was exposed to a known outbreak setting in Minnesota that is not also a congregate living setting (e.g., long-term care, corrections, shelter) or health care setting. This includes restaurant/bars, sports, worksites that are not living settings, etc.
- Travel: Case traveled outside of Minnesota in the 2 weeks before illness.
- 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.
- Health Care: Patients who were part of nosocomial outbreaks, and staff who are not part of a non-acute health care setting outbreak and did not have an exposure to a positive household member.
- Community (known contact with confirmed case): Case has a known exposure to a positive case and does not fit into any of the previous categories.
- Community (unknown contact with confirmed case): Case has no known exposure to a positive case and does not fit into any of the previous categories.

# Cases by Likely Exposure and Specimen Collection Date

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.

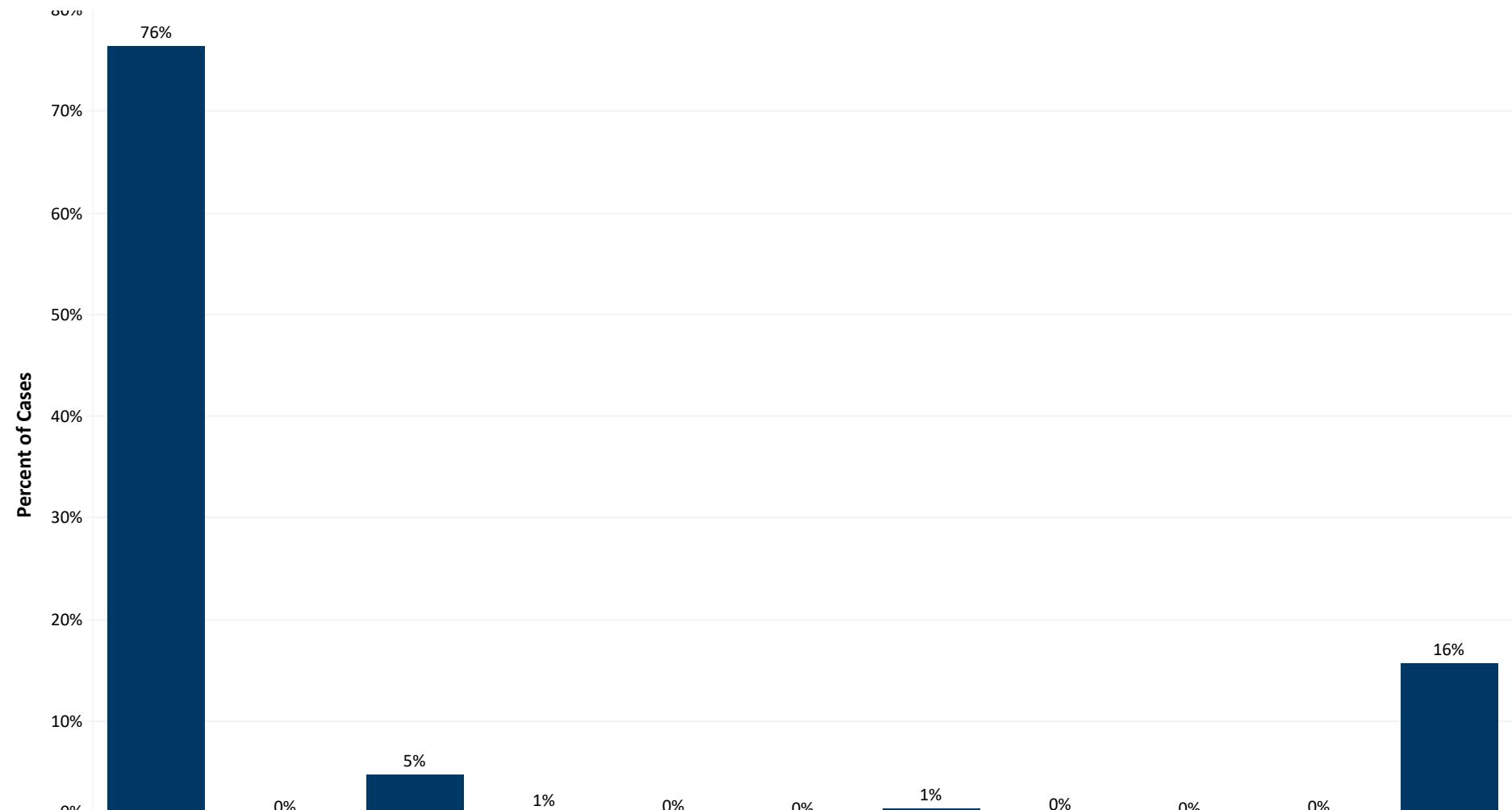
Numbers include confirmed and probable cases.

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



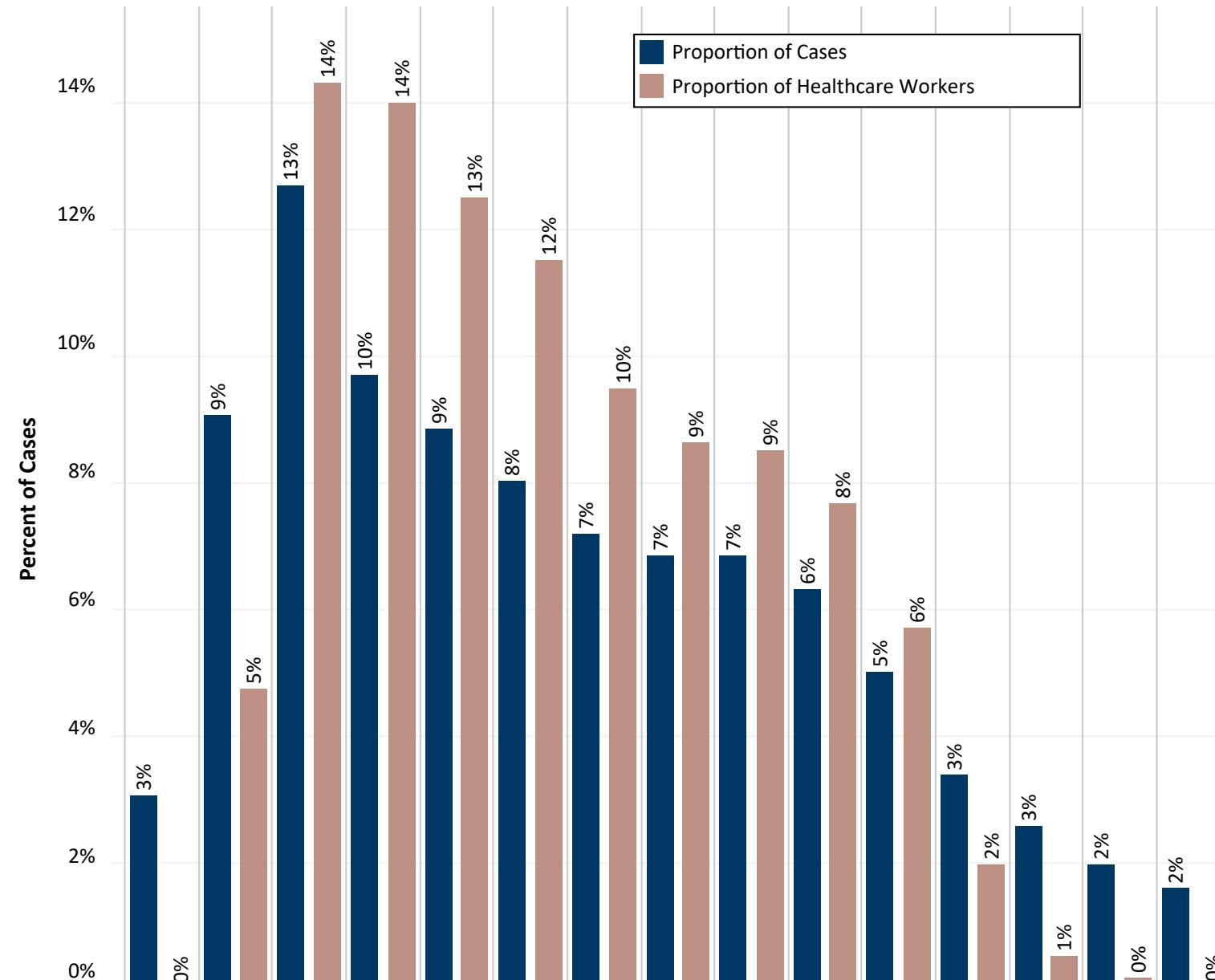
# Residence Type

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



Residence Type	Private Residence	Hotel/Motel	Long-term Care/ Assisted Liv.	Group Home/ RBH	Homeless (sheltered)	Homeless (unsheltered)	Jail/Prison	College/Uni./Camp Dorm	Work Dorm	Other	Unk./missing	Total
All Cases	98,090	120	5,990	1,047	217	67	1,794	567	28	122	20,110	128,152

# Occupational Related Cases: Health Care



**13,006**  
Total Health Care Workers  
(cumulative)

**10,240**  
Health Care Workers Exposed Occupationally  
(cumulative)

**482**  
Total Health Care Staff Hospitalized  
(cumulative)

This data is for all cases who reported their occupation as health care staff in both acute care and congregate living. Not all cases who are health care workers were exposed at work. Numbers include confirmed and probable cases.

Age Group (in years)	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	Total
All Cases	3,916	11,641	16,285	12,451	11,343	10,301	9,223	8,804	8,772	8,120	6,419	4,345	3,328	2,523	2,038	128,152
Health Care	5	619	1,864	1,822	1,629	1,500	1,237	1,124	1,108	999	741	256	71	23	6	13,006

# Potential Exposure in Child Care Settings

Cases of COVID-19 with potential exposure in child care settings by specimen collection date. 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. Cases by week are by specimen collection date. Numbers include confirmed and probable cases.

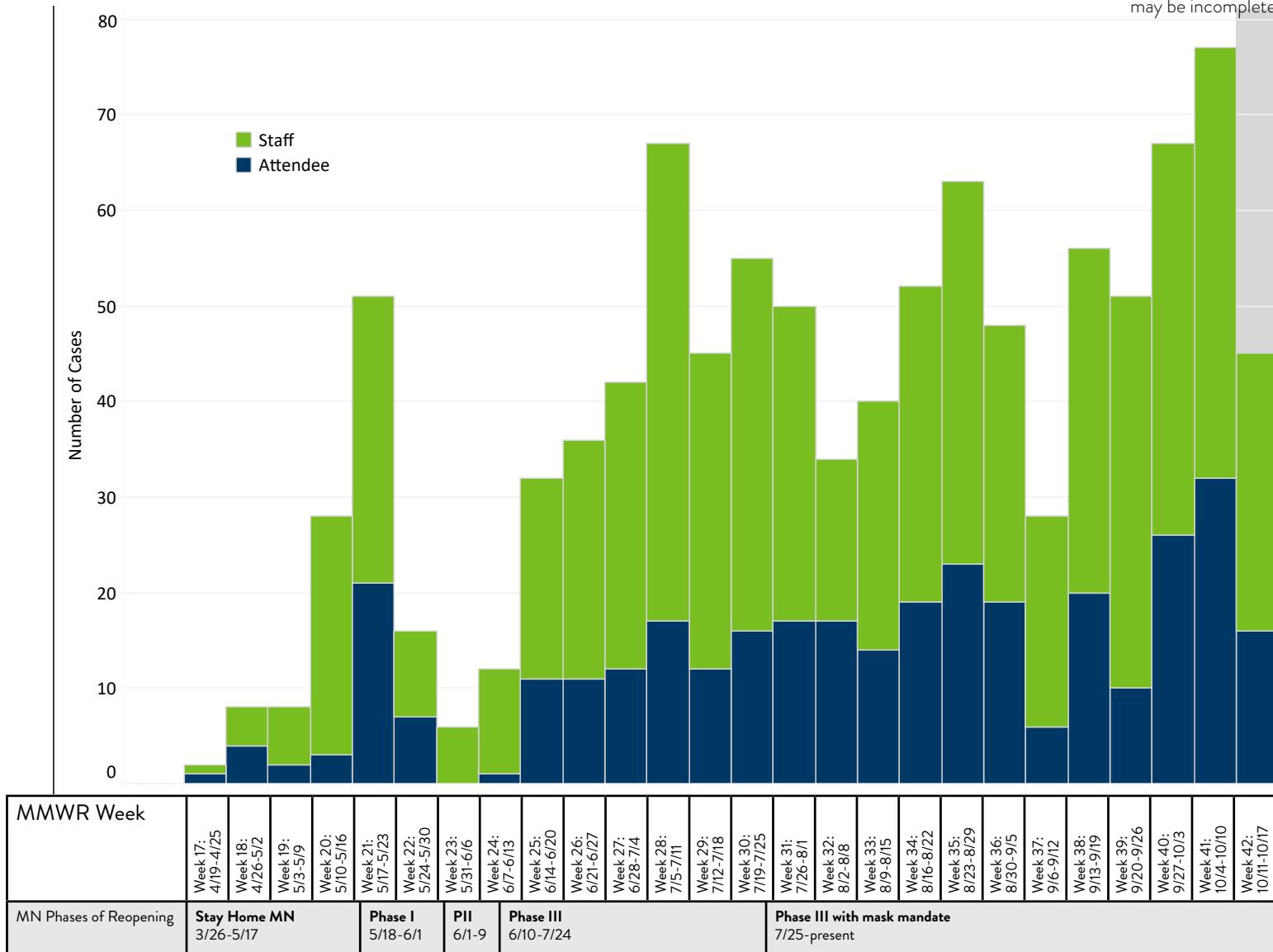
Due to the need to confirm reports and reporting delays, data may be incomplete

**694**  
Total Child Care Staff (cumulative)

**348**  
Total Child Care Attendees (cumulative)

**641**  
Total Child Care Programs (cumulative)

Cases per program	Programs	Percent
1 case	428	67%
2-4 cases	177	28%
≥5 cases	36	6%



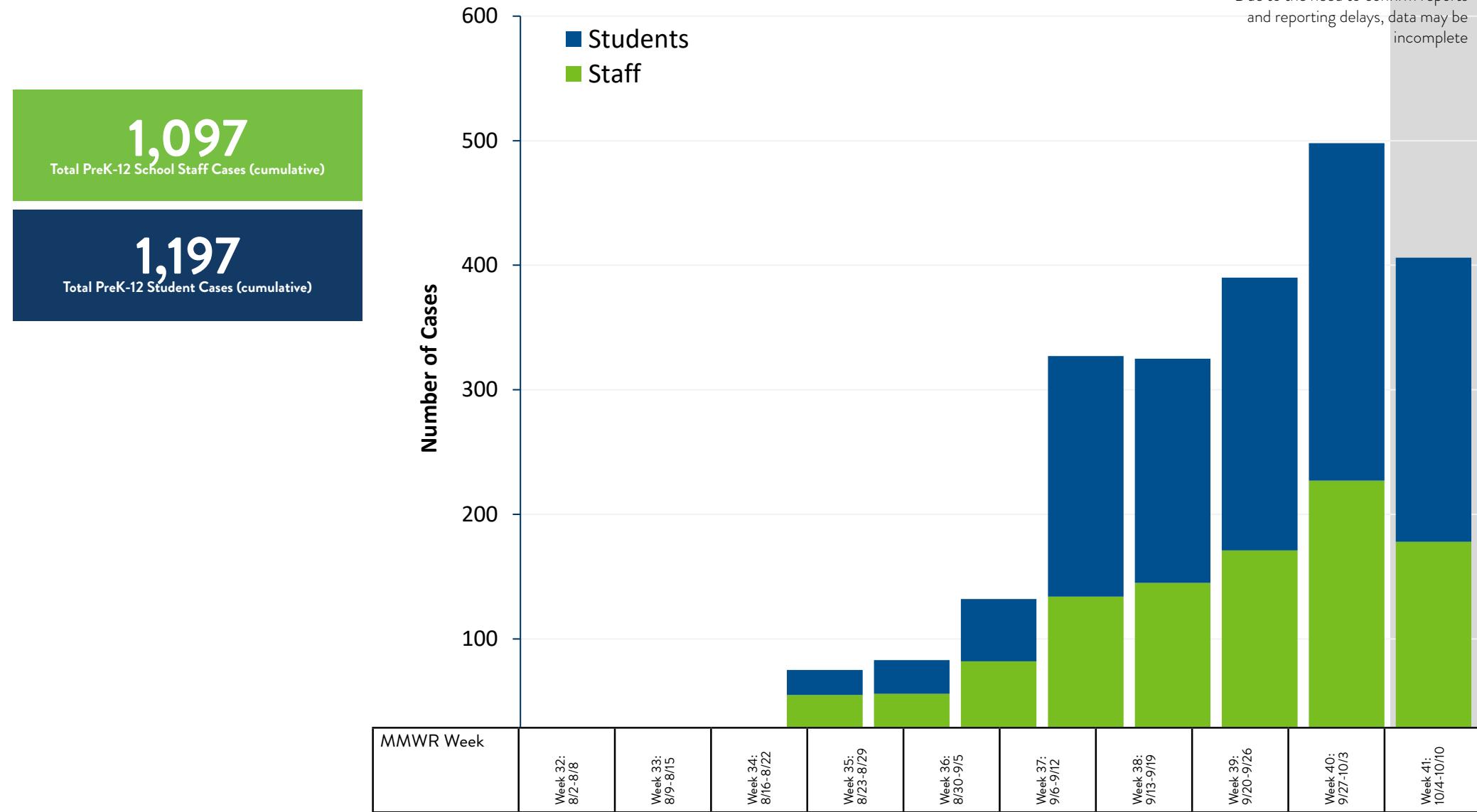
# Cases Associated with Pre-K through Grade 12 School Buildings

2,294  
Total PreK-12 School Building-associated Cases  
(cumulative)

Cases of COVID-19 associated with school staff and students working or attending school at a prekindergarten through grade 12 building while they were able to spread COVID-19. All Minnesota schools are represented including public, nonpublic, and tribal 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.

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

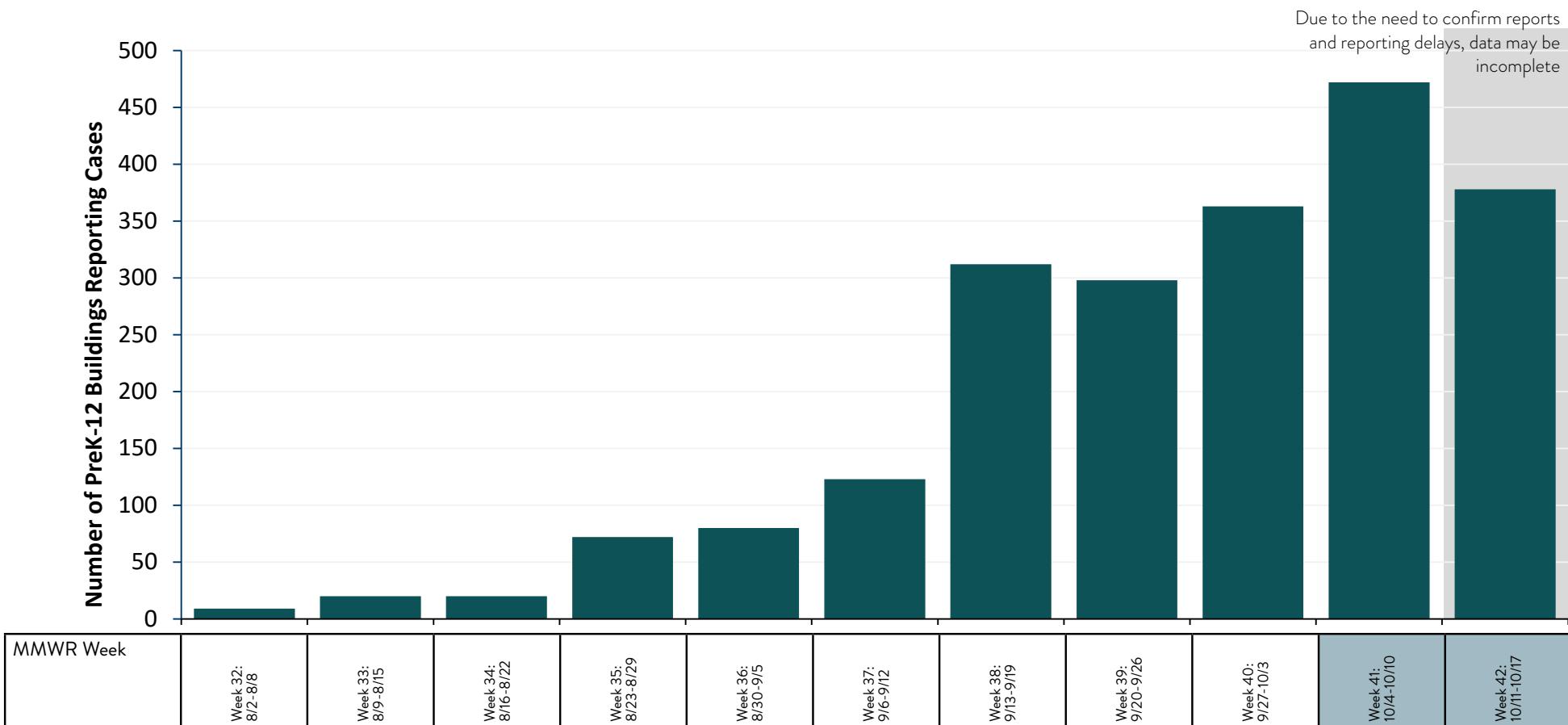


# PreK-12 School Buildings Reporting Cases

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.

1,016

Total PreK-12 School Buildings Reporting Cases  
(cumulative)



Cases per building	Number of buildings reporting cases MMWR Weeks 41 & 42
1 case	394
2-4 cases	139
≥5 cases	16
<b>Total</b>	<b>544</b>

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

# Cases that have an Affiliation with Institutes of Higher Education (IHE)

4,216

Total IHE-affiliated Cases  
(cumulative)

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.

21

Total Hospitalized IHE-affiliated Cases  
(cumulative)

3

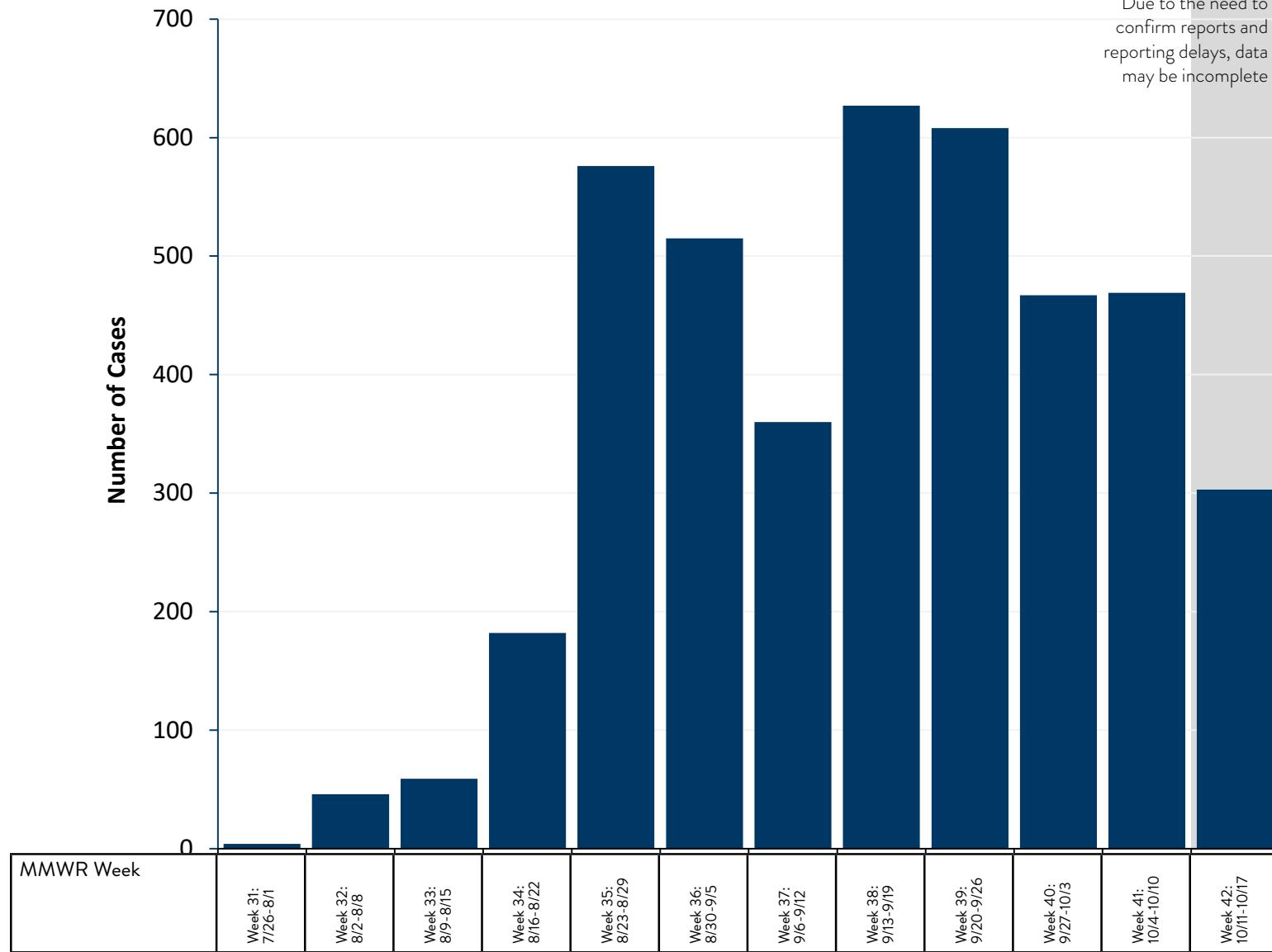
Total ICU Hospitalized IHE-affiliated Case  
(cumulative)

0

Total IHE-affiliated Deaths  
(cumulative)

Cases infectious while on campus (cumulative)	1,743
Cases living on campus (cumulative)	850

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

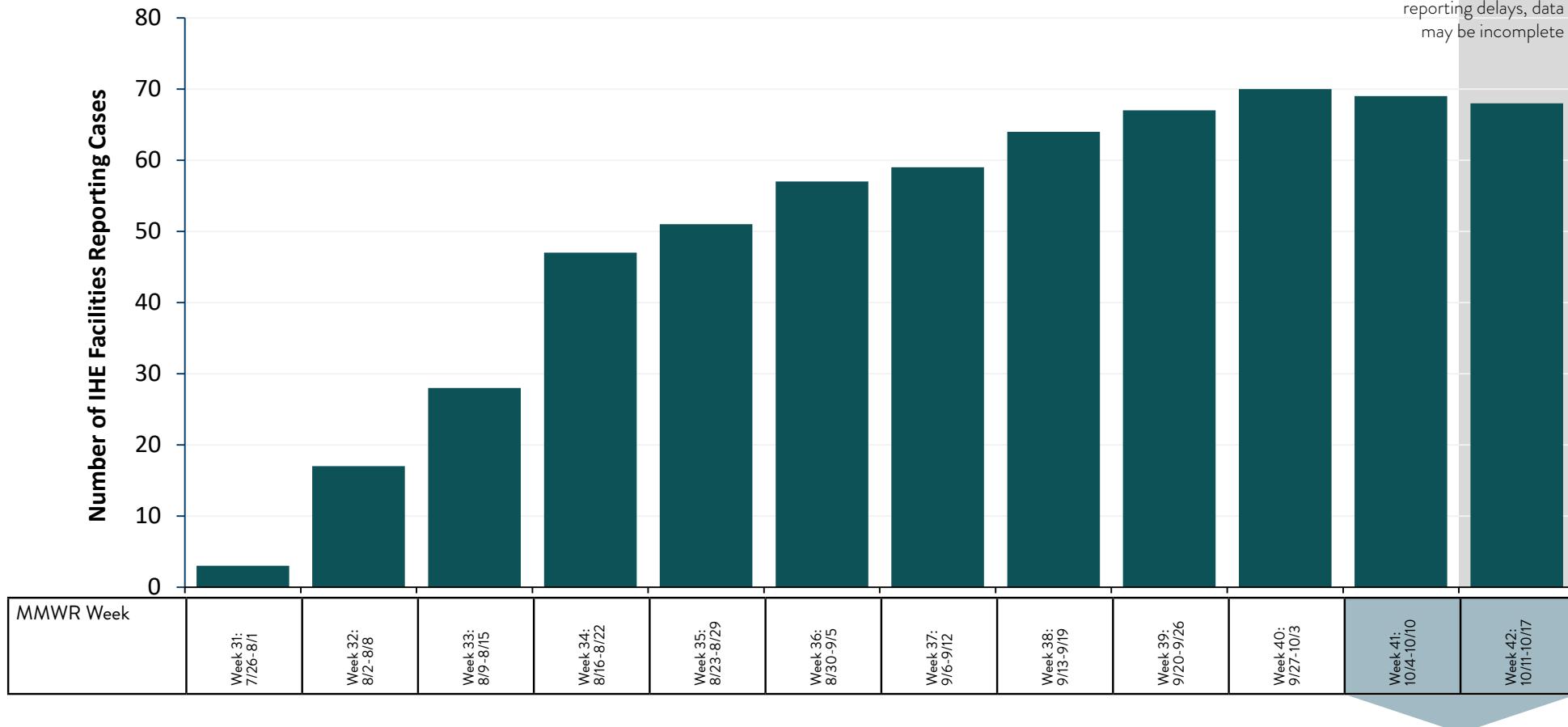


# Minnesota IHE Facilities Reporting Cases

115

Total IHE Facilities that have Reported at Least One Case  
(cumulative)

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. Numbers include confirmed and probable cases.



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

Cases per IHE facility	Number of IHEs reporting cases MMWR Weeks 41 & 42
1-10 cases	67
11-30 cases	14
31-99 cases	5
≥100 cases	1
<b>Total</b>	<b>87</b>

# Cases Associated with Congregate Care Settings

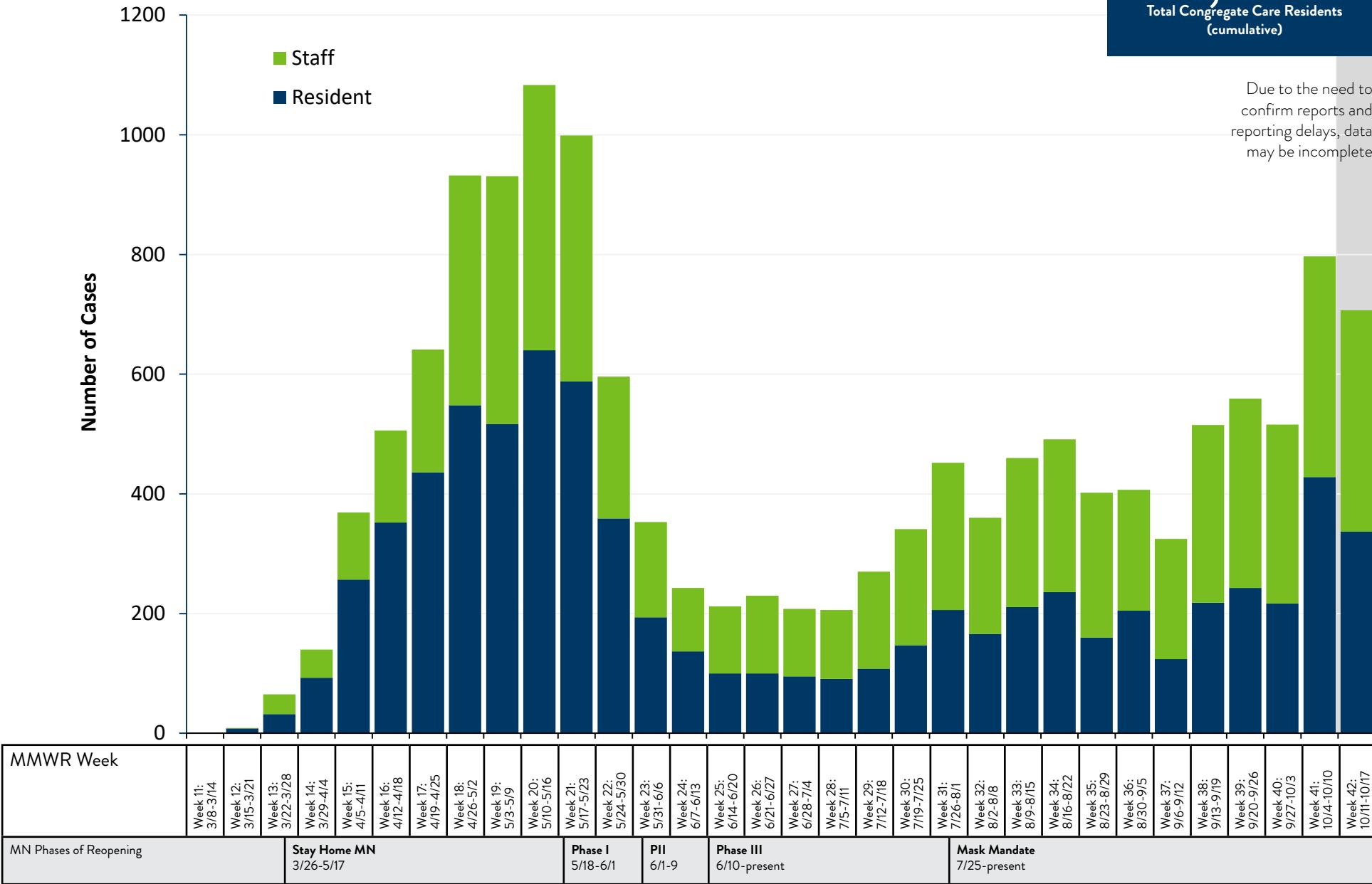
6,772

Total Congregate Care Staff  
(cumulative)

7,554

Total Congregate Care Residents  
(cumulative)

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



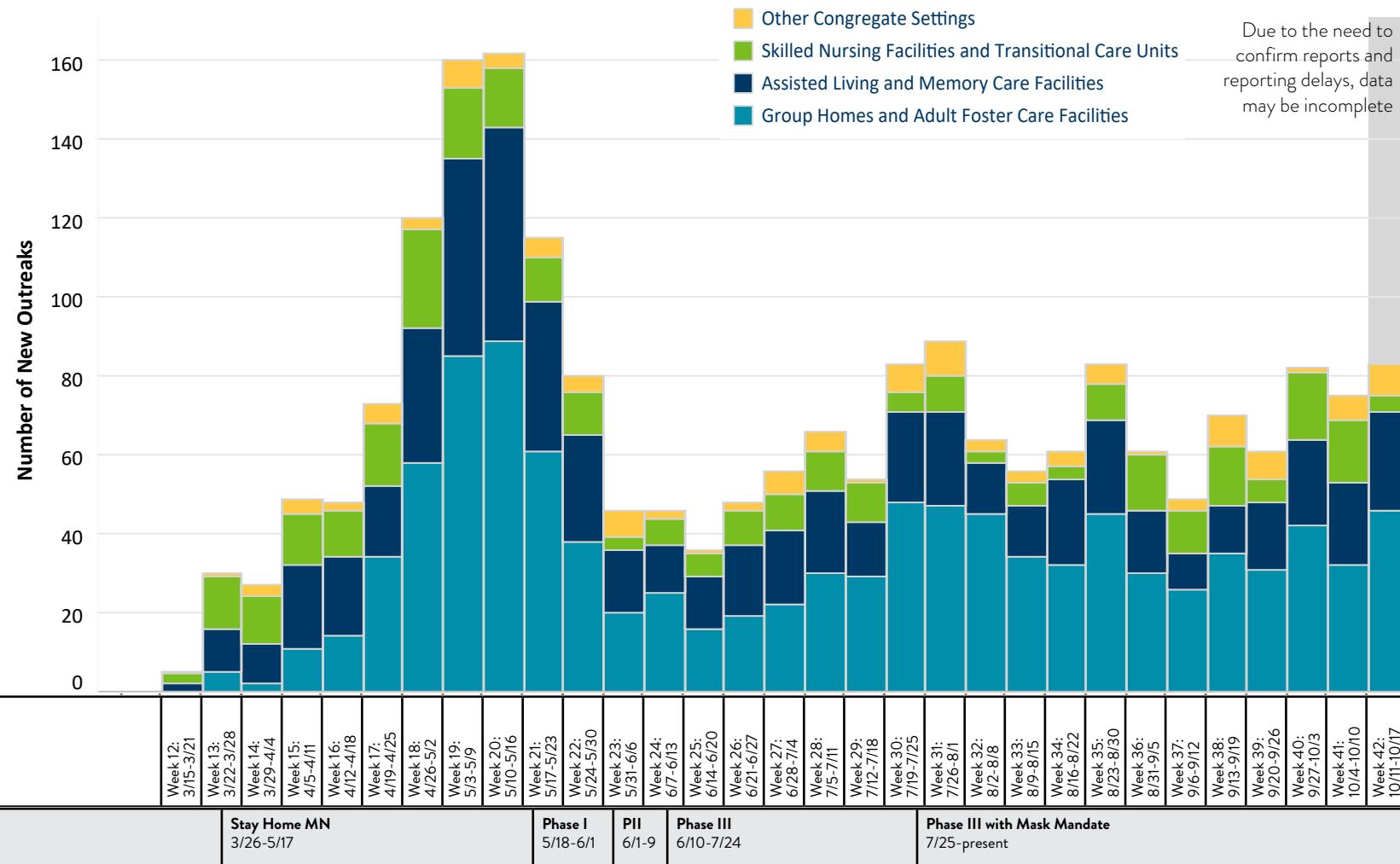
# Congregate Care Facility Outbreaks

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.

**2,167**

Total Congregate Care Facilities  
(cumulative)

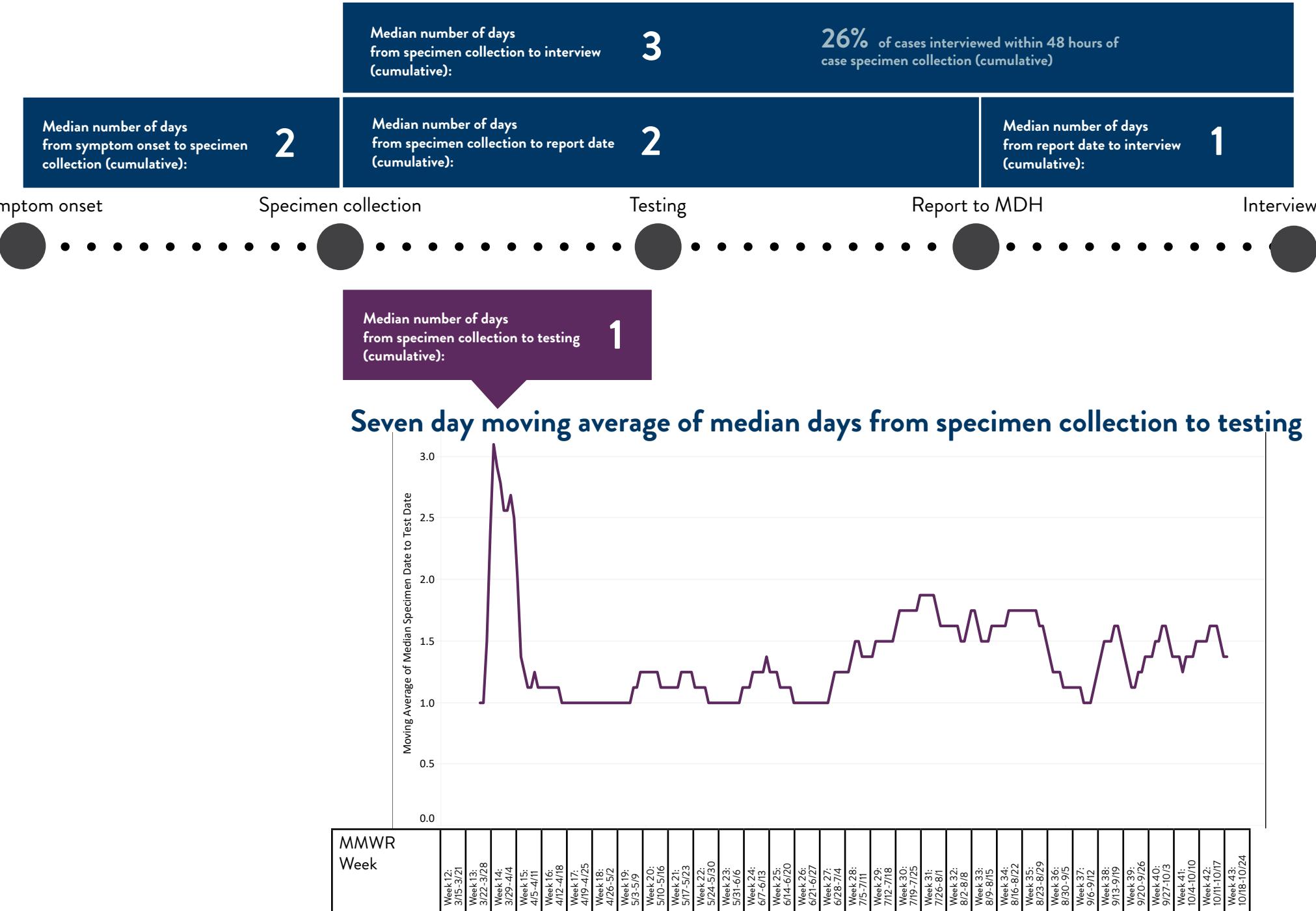
Confirmed cases per facility	Number of facilities
1-2 case	1,265
3-20 cases	739
≥21 cases	163



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

- A list of Congregate Care Facilities reporting an exposure in the last 28 days from a case of COVID-19 in a resident, staff person, or visiting provider by county is available in the [Minnesota Situation Update for Coronavirus Disease 2019](https://www.health.state.mn.us/diseases/coronavirus/situation.html) (<https://www.health.state.mn.us/diseases/coronavirus/situation.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 October 18, 2020. Categories are based upon discharge diagnosis codes.

Through October 18, 2020, these data represent all patients from about 124 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.

