STAY SAFE MN

Minnesota Department of Health

WEEKLY COVID-19 REPORT

9/24/2020

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) 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.

DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

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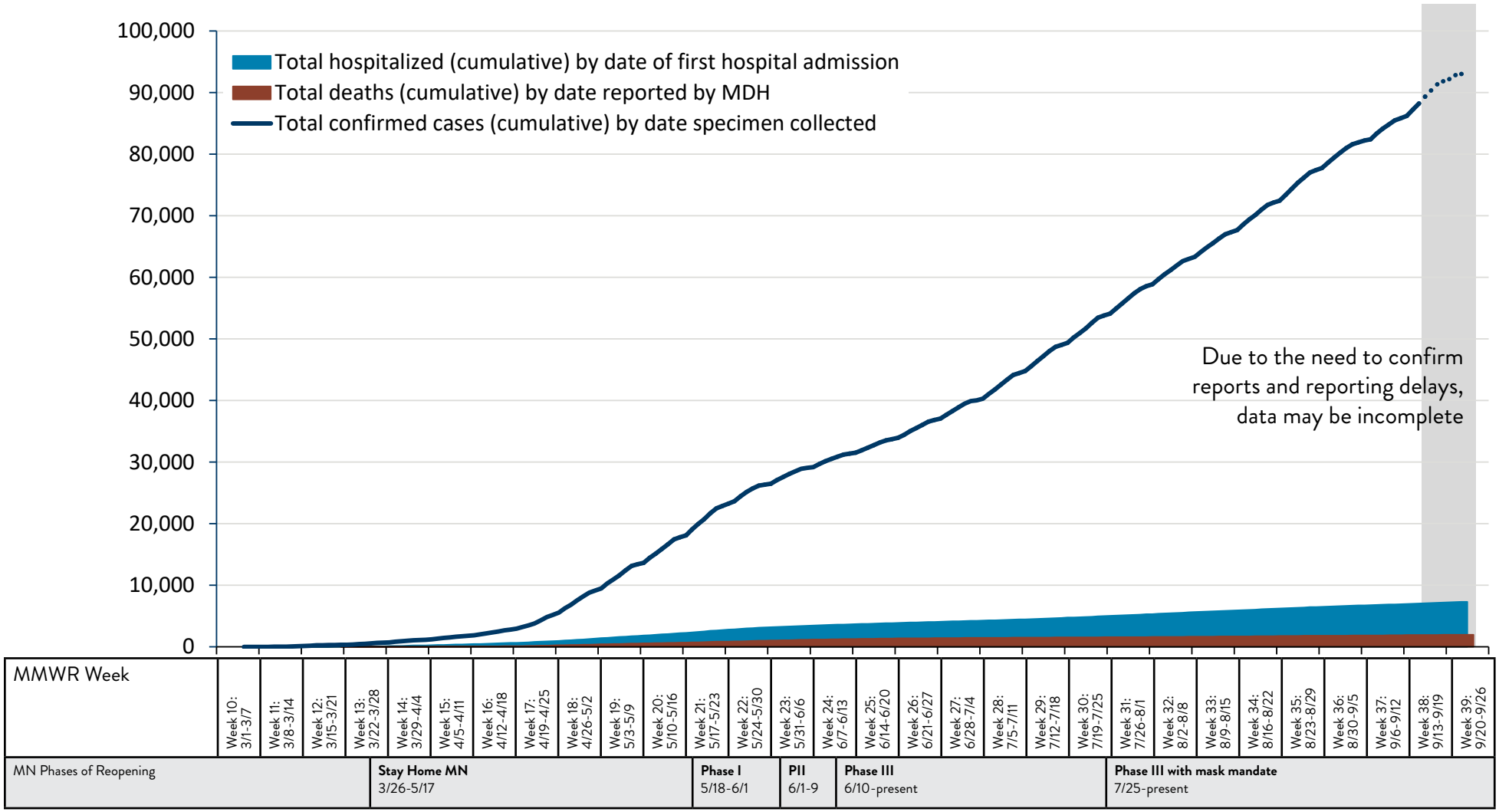
COVID-19 Overview Summary

1,895,302	93,012	7,335	2,049	1,988	83,862
Total Laboratory Tests (cumulative)	Total Confirmed Cases (cumulative)	Total Hospitalizations (cumulative)	Total ICU Hospitalizations (cumulative)	Total Deaths (cumulative)	No Longer Needing Isolation (cumulative)

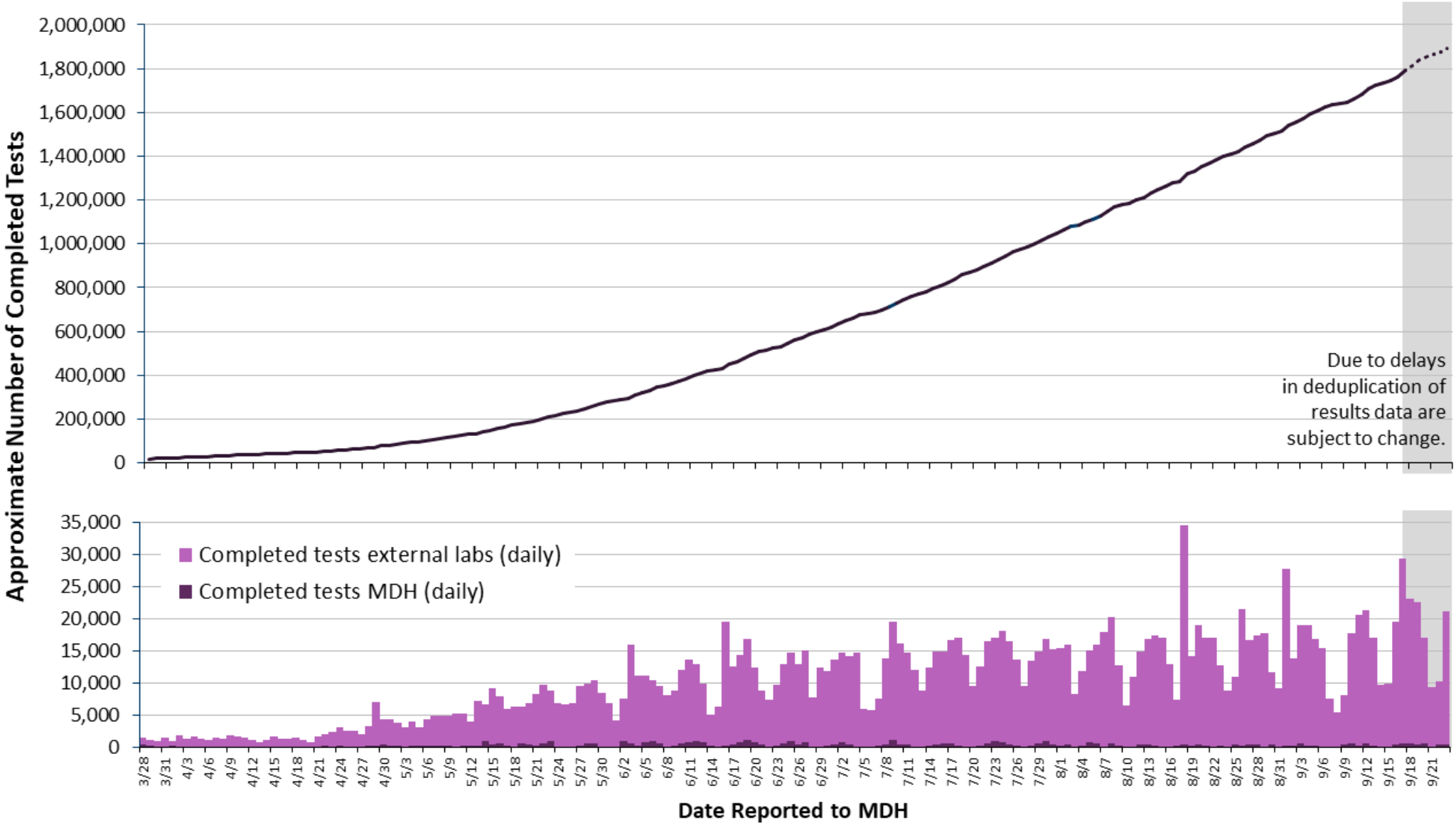


- More information on the MN Phases of Reopening can be found in the Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)
- Detailed data for this chart is outlined in the following pages. Current data: Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Laboratory Tests for COVID-19

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. Tests are reported by the date the test was run in the laboratory.

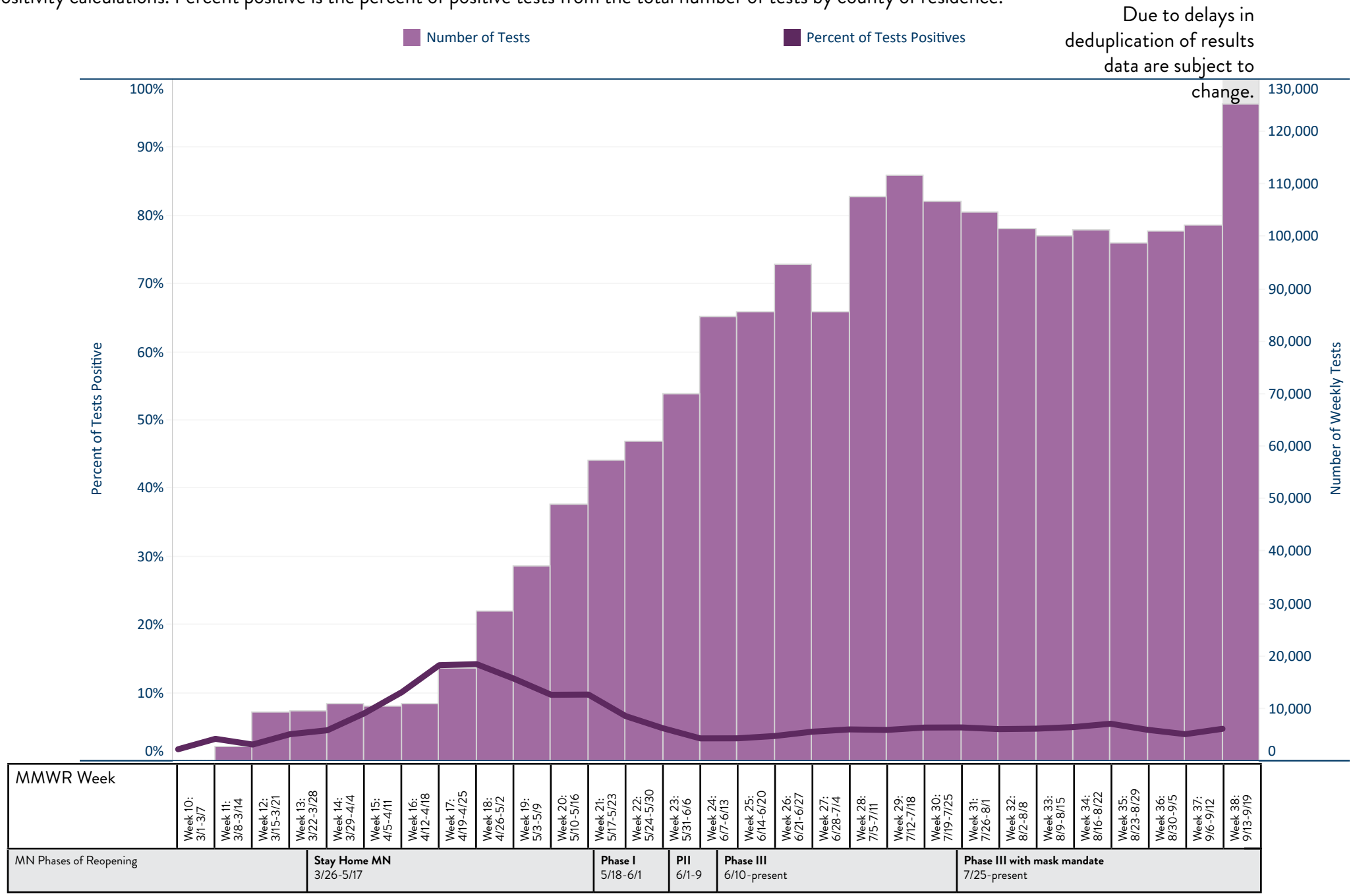
1,895,302
Total Laboratory Tests
(cumulative)



- 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

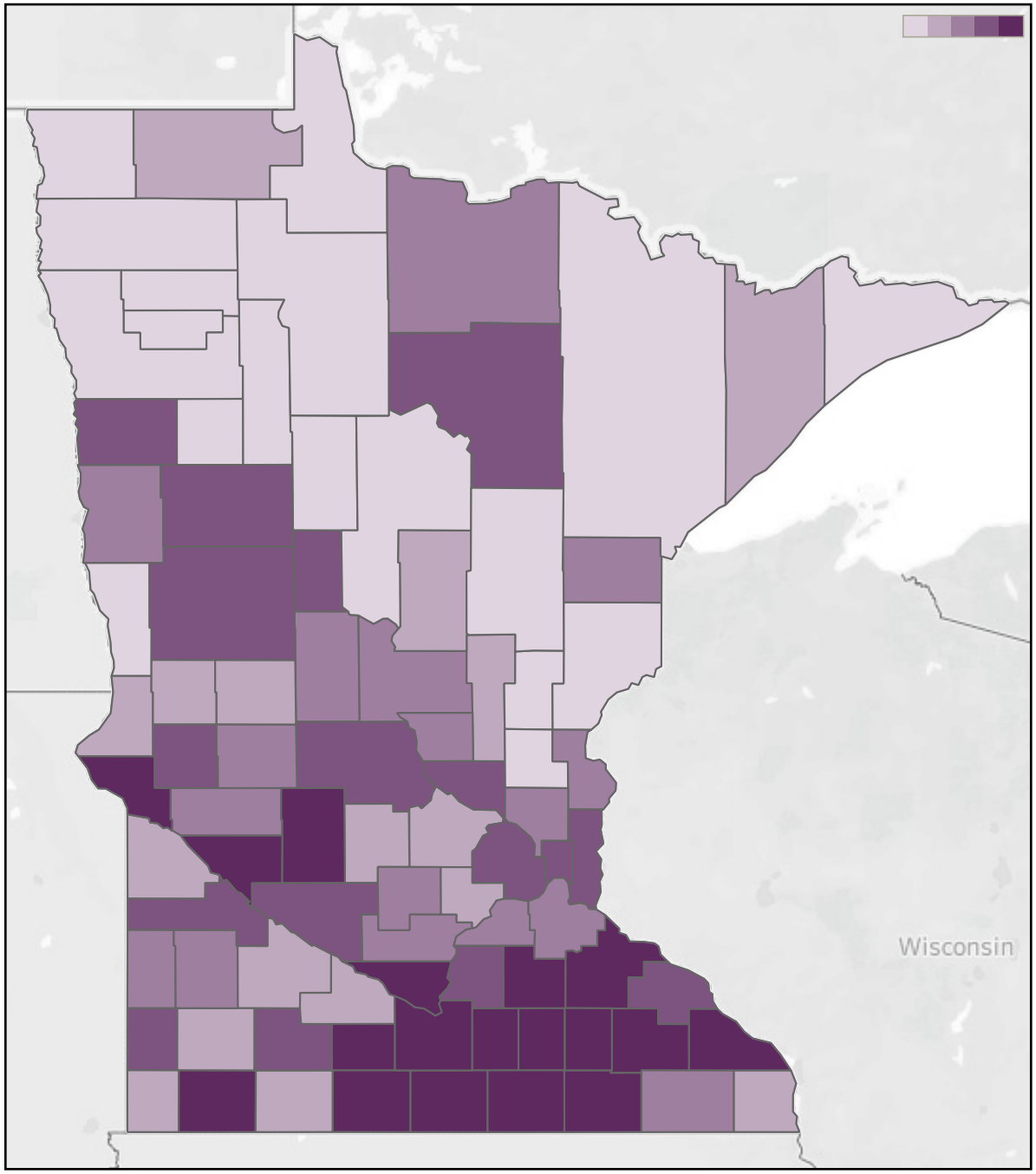
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county of residence.



Laboratory Test Rates by County of Residence

3,384
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.

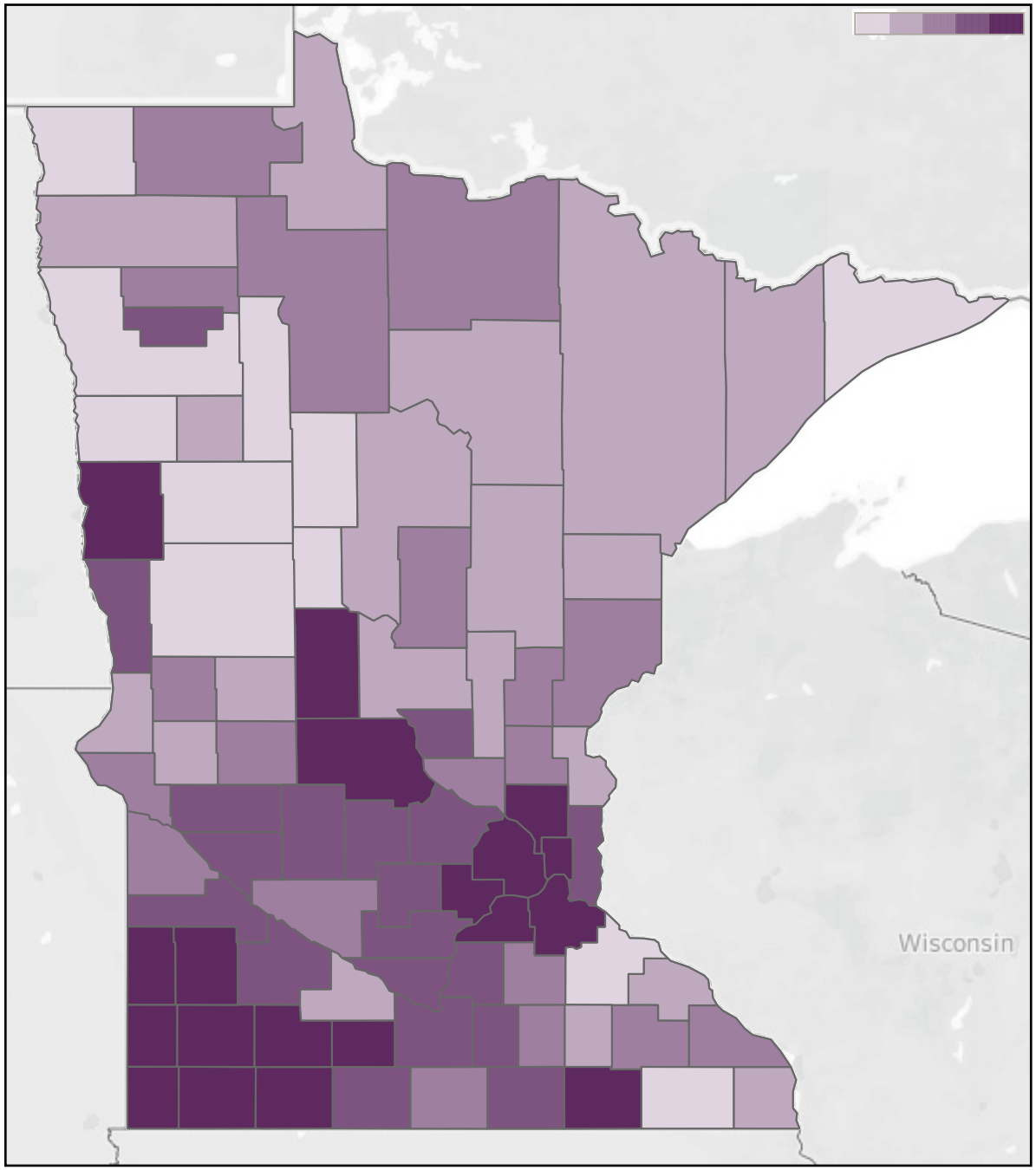


County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	2,582	1,631	Martin	7,506	3,760
Anoka	99,299	2,858	McLeod	9,550	2,666
Becker	11,548	3,419	Meeker	5,002	2,167
Beltrami	9,934	2,154	Mille Lacs	6,165	2,396
Benton	10,654	2,678	Morrison	8,516	2,585
Big Stone	1,948	3,884	Mower	22,922	5,788
Blue Earth	27,056	4,079	Murray	2,107	2,522
Brown	6,003	2,381	Nicollet	12,633	3,739
Carlton	10,151	2,856	Nobles	7,778	3,562
Carver	23,473	2,338	Norman	1,952	2,976
Cass	5,701	1,964	Olmsted	68,103	4,449
Chippewa	4,797	3,994	Otter Tail	18,613	3,210
Chisago	15,407	2,815	Pennington	2,730	1,925
Clay	17,237	2,745	Pine	6,231	2,139
Clearwater	1,657	1,880	Pipestone	3,208	3,493
Cook	1,053	1,983	Polk	6,787	2,148
Cottonwood	3,705	3,258	Pope	2,844	2,590
Crow Wing	14,098	2,208	Ramsey	175,095	3,234
Dakota	120,668	2,885	Red Lake	763	1,904
Dodge	7,764	3,772	Redwood	3,507	2,288
Douglas	9,264	2,490	Renville	4,583	3,113
Faribault	4,921	3,541	Rice	37,229	5,661
Fillmore	6,157	2,948	Rock	2,282	2,424
Freeborn	12,266	4,018	Roseau	3,680	2,380
Goodhue	17,020	3,683	Scott	41,401	2,888
Grant	1,490	2,509	Sherburne	32,968	3,536
Hennepin	411,878	3,334	Sibley	4,208	2,822
Houston	4,144	2,220	St. Louis	57,416	2,870
Hubbard	3,613	1,732	Stearns	47,617	3,036
Isanti	7,516	1,928	Steele	14,251	3,886
Itasca	13,882	3,071	Stevens	3,255	3,327
Jackson	2,373	2,362	Swift	2,538	2,697
Kanabec	2,932	1,832	Todd	6,804	2,784
Kandiyohi	19,076	4,472	Traverse	846	2,535
Kittson	536	1,236	Wabasha	7,096	3,300
Koochiching	3,264	2,581	Wadena	4,252	3,116
Lac qui Parle	1,477	2,181	Waseca	8,532	4,536
Lake	2,334	2,208	Washington	82,479	3,256
Lake of the Woods	612	1,607	Watonwan	4,773	4,350
Le Sueur	9,240	3,302	Wilkin	1,312	2,068
Lincoln	1,542	2,702	Winona	22,714	4,467
Lyon	7,502	2,903	Wright	30,000	2,260
Mahnomen	1,145	2,080	Yellow Medicine	3,039	3,080
Marshall	1,718	1,829	Unknown/missing	134,447	

Percent of Tests Positive by County of Residence

5.3%
% positive statewide

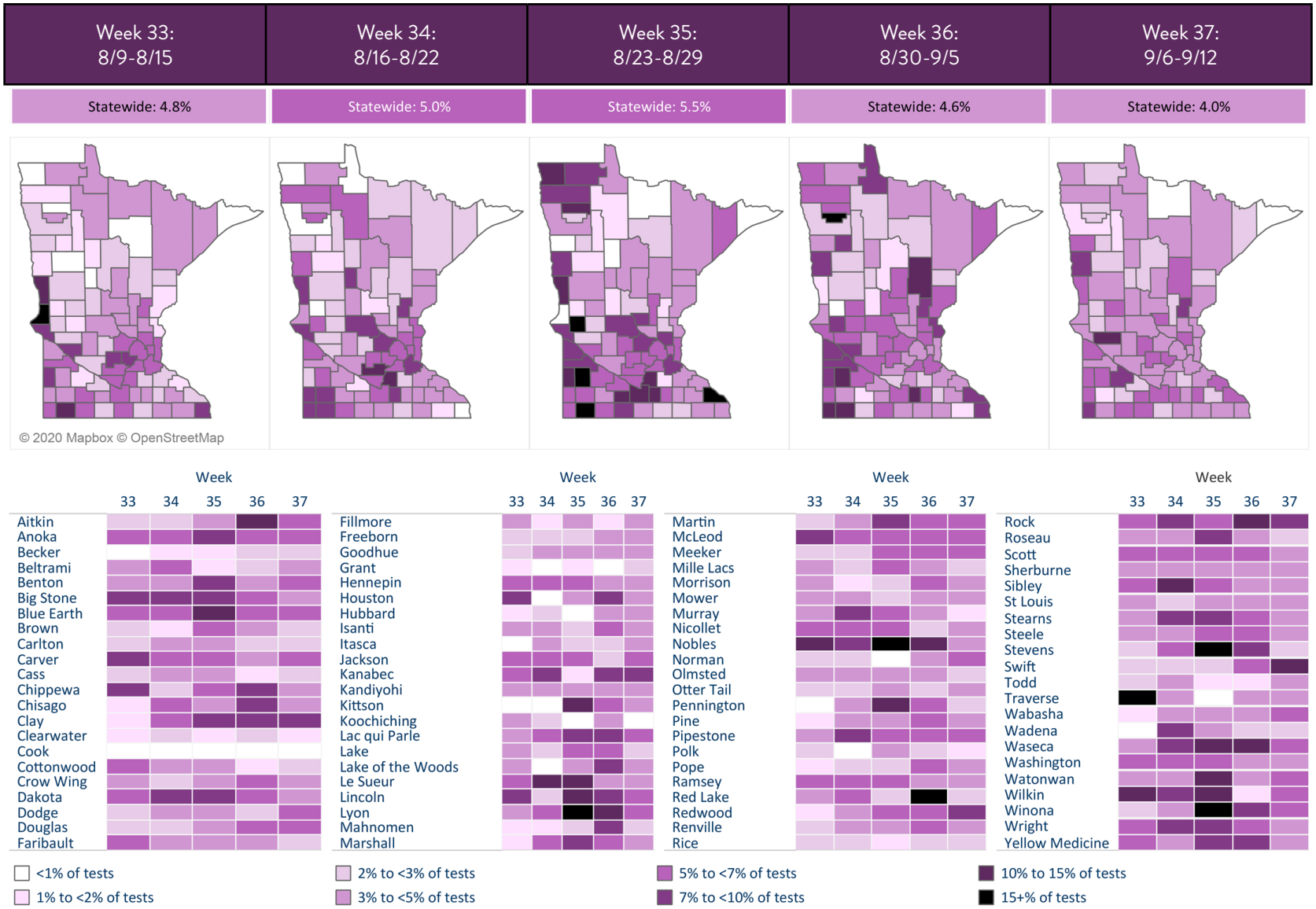
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



County	% Positive	County	% Positive
Aitkin	2.7%	Martin	5.4%
Anoka	6.3%	McLeod	4.7%
Becker	2.1%	Meeker	4.3%
Beltrami	3.6%	Mille Lacs	2.7%
Benton	5.2%	Morrison	2.7%
Big Stone	3.7%	Mower	6.3%
Blue Earth	6.1%	Murray	7.4%
Brown	3.0%	Nicollet	4.6%
Carlton	2.5%	Nobles	24.9%
Carver	6.3%	Norman	2.3%
Cass	2.6%	Olmsted	4.2%
Chippewa	4.4%	Otter Tail	2.1%
Chisago	3.1%	Pennington	3.6%
Clay	6.5%	Pine	3.4%
Clearwater	1.7%	Pipestone	7.1%
Cook	0.7%	Polk	2.1%
Cottonwood	6.2%	Pope	3.3%
Crow Wing	3.4%	Ramsey	6.8%
Dakota	6.4%	Red Lake	4.7%
Dodge	3.2%	Redwood	4.3%
Douglas	3.2%	Renville	3.6%
Faribault	3.4%	Rice	3.8%
Fillmore	2.3%	Rock	6.9%
Freeborn	4.9%	Roseau	3.4%
Goodhue	2.3%	Scott	6.2%
Grant	4.2%	Sherburne	3.9%
Hennepin	7.0%	Sibley	5.3%
Houston	2.9%	St. Louis	2.7%
Hubbard	2.1%	Stearns	8.1%
Isanti	3.6%	Steele	4.3%
Itasca	2.5%	Stevens	3.0%
Jackson	6.9%	Swift	5.1%
Kanabec	4.1%	Todd	7.8%
Kandiyohi	5.4%	Traverse	2.7%
Kittson	2.2%	Wabasha	2.8%
Koochiching	3.9%	Wadena	1.6%
Lac qui Parle	3.7%	Waseca	5.3%
Lake	2.8%	Washington	4.8%
Lake of the Woods	2.8%	Watonwan	10.5%
Le Sueur	5.5%	Wilkin	4.5%
Lincoln	6.9%	Winona	3.3%
Lyon	9.5%	Wright	5.2%
Mahnomen	2.7%	Yellow Medicine	6.2%
Marshall	2.6%	Unknown/missing	0.7%

Weekly Percent of Tests Positive by County of Residence

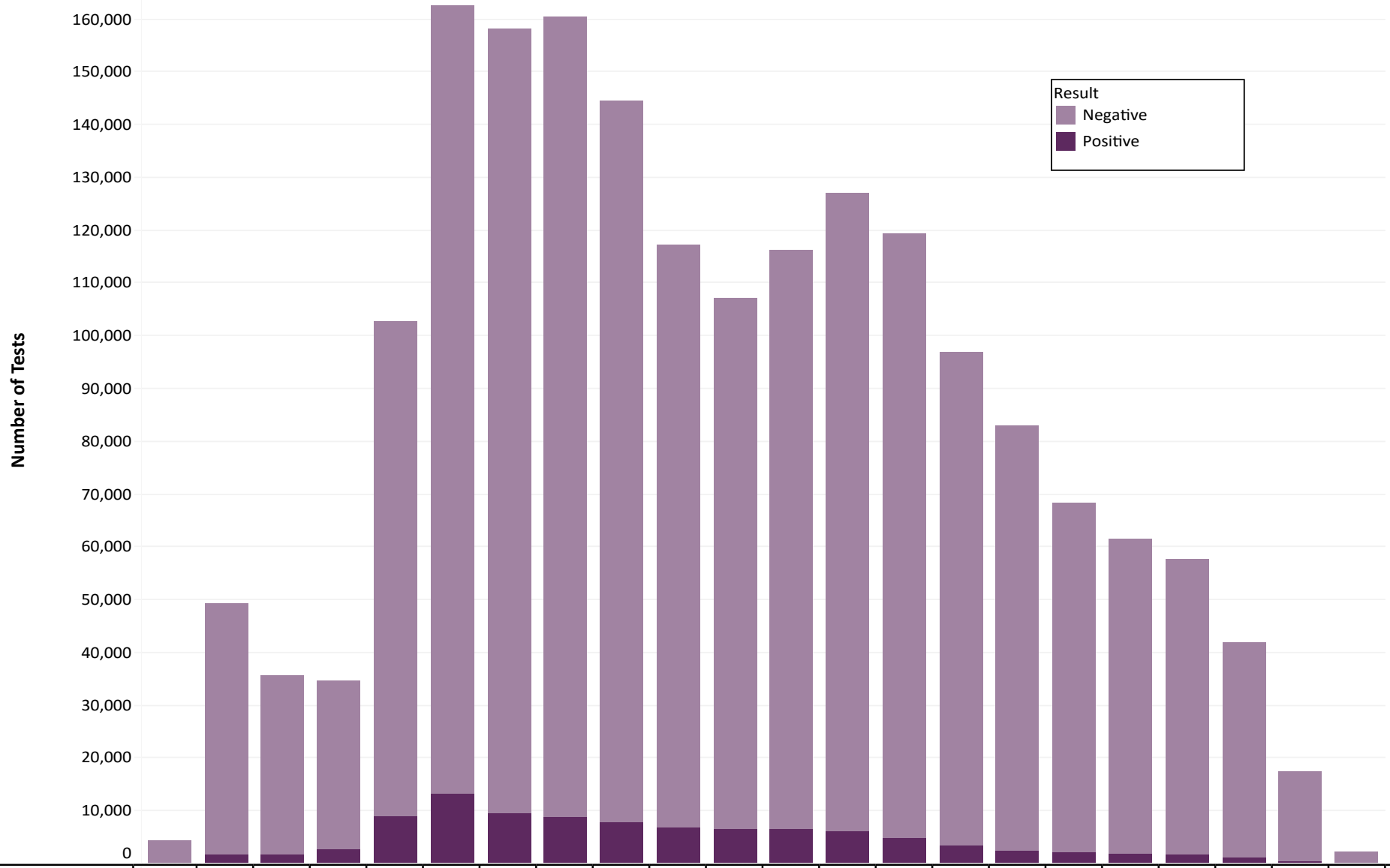
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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



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

Testing Demographics: Age

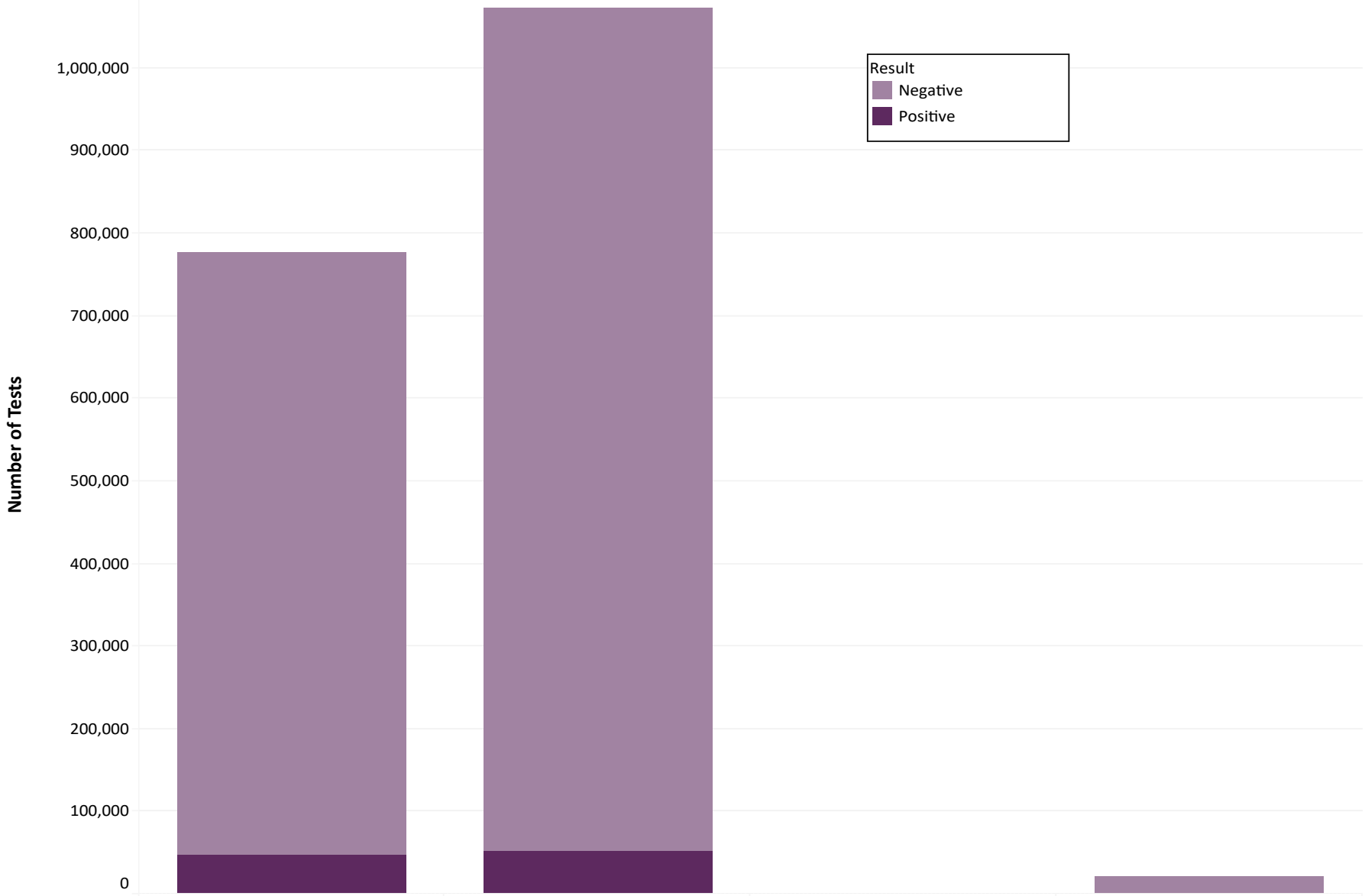
Number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



Age Group (in years)	Unk./ missing	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+	Total
Positive	154	1,817	1,727	2,667	8,957	13,169	9,523	8,720	7,808	6,944	6,718	6,702	6,022	4,787	3,334	2,513	2,132	1,987	1,726	1,200	543	50	99,200
Negative	4,214	47,561	33,949	31,943	93,839	149,387	148,635	151,670	136,755	110,315	100,524	109,623	121,059	114,550	93,551	80,320	66,358	59,647	55,858	40,827	16,860	2,076	1,769,521

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).

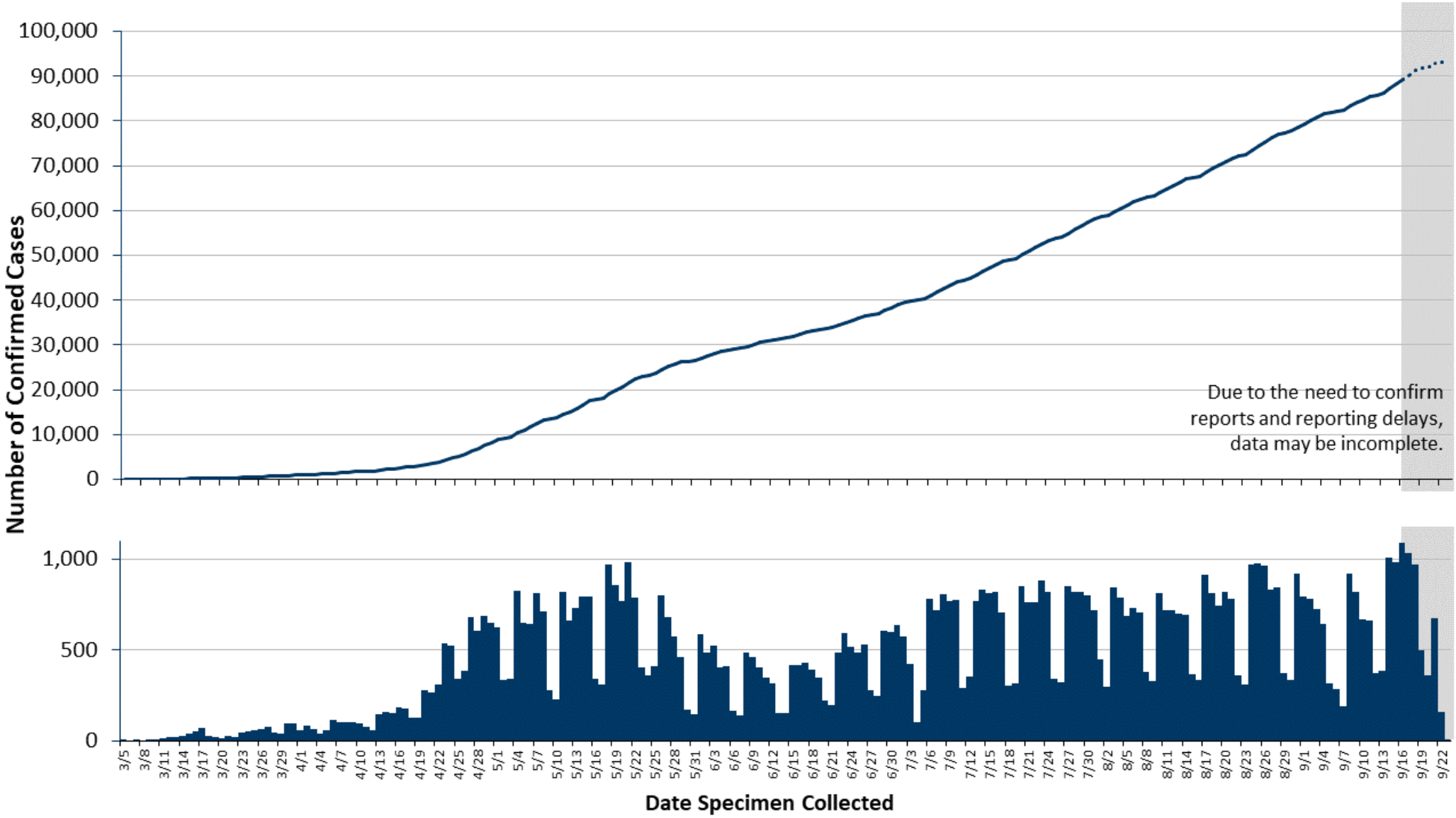


Gender	Male	Female	Other	Unk./missing	Total
Positive	47,315	51,299	2	584	99,200
Negative	729,310	1,020,587	1	19,623	1,769,521

Laboratory Confirmed Cases

93,012
Total Confirmed Cases (cumulative)

Confirmed 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.

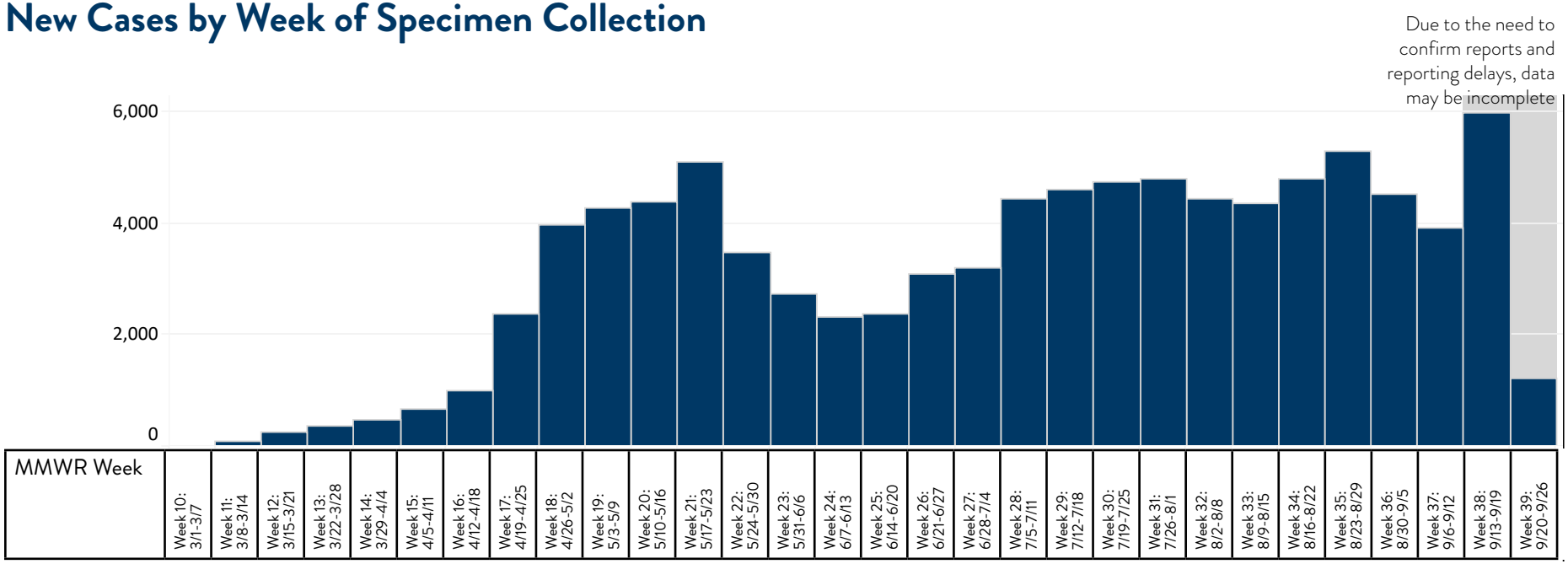


- Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

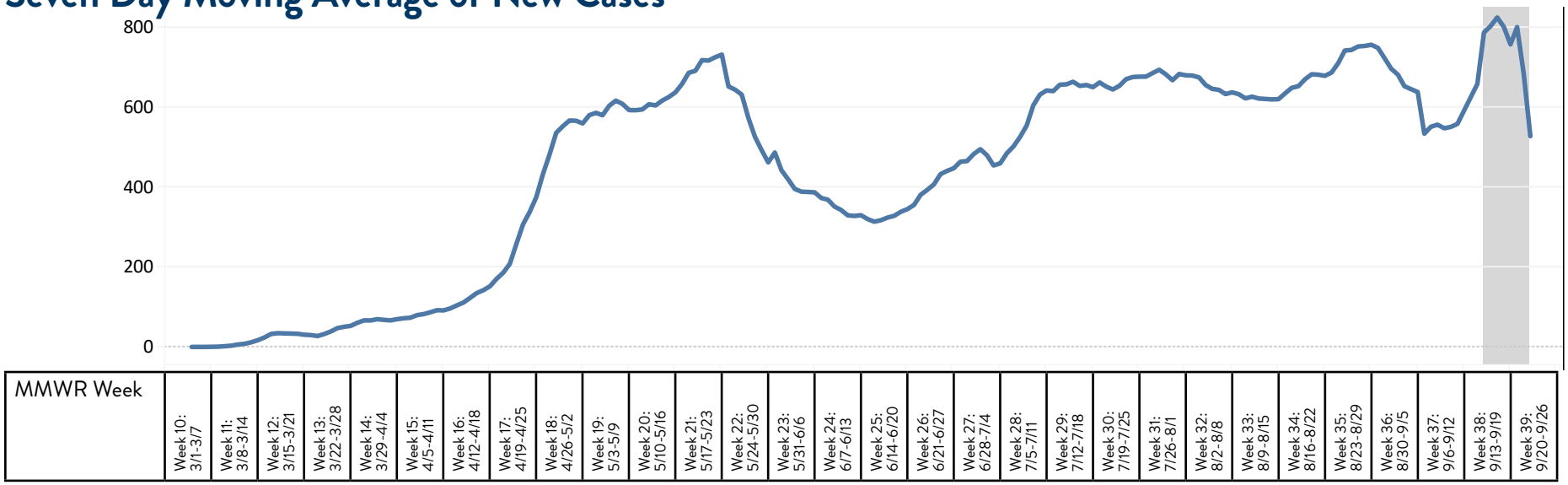
New Cases by Week, 7-Day Average

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

New Cases by Week of Specimen Collection

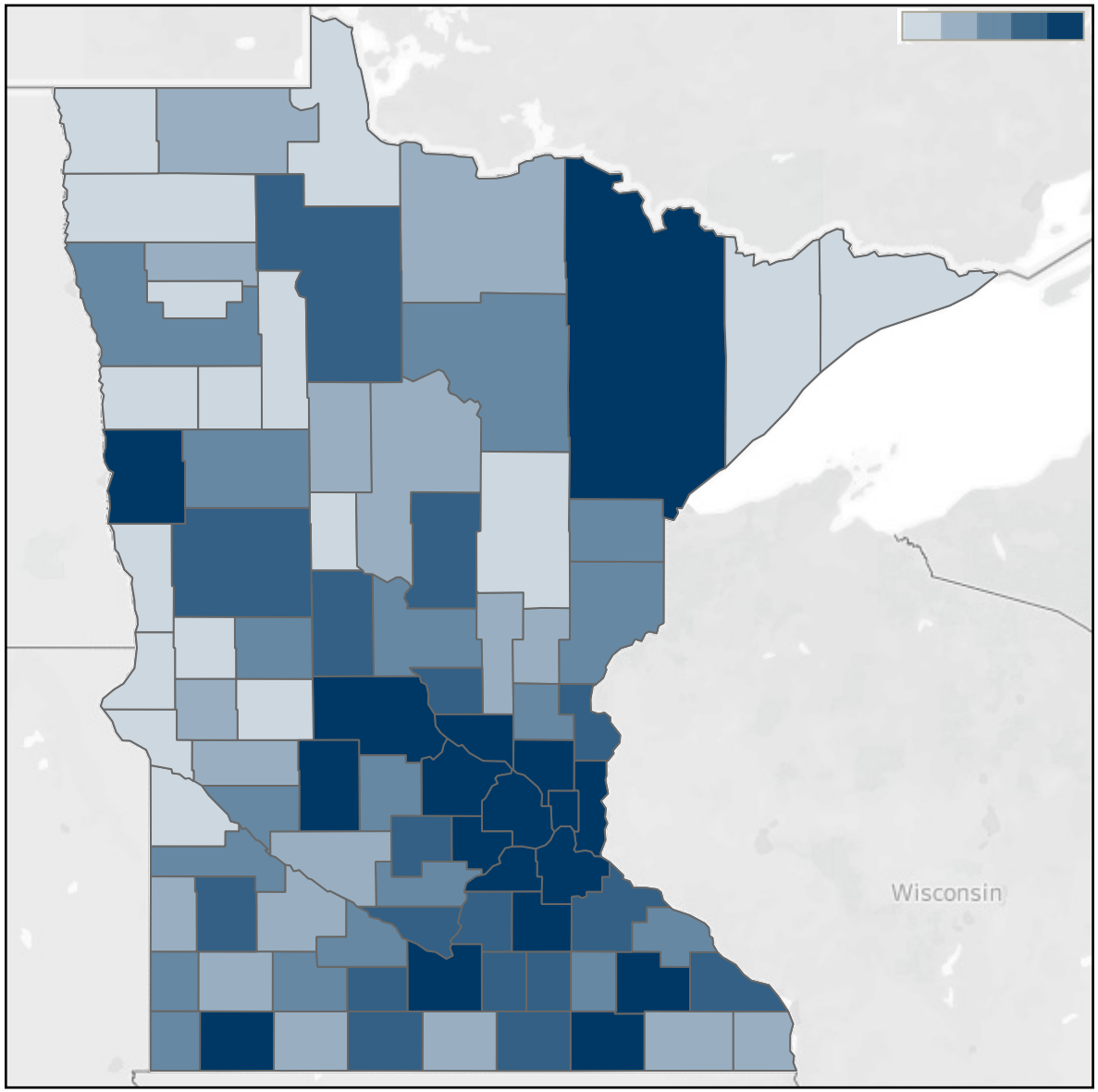


Seven Day Moving Average of New Cases



Cases by County of Residence

Cumulative number of laboratory confirmed cases by county of residence, patients no longer needing isolation. Patients no longer needing isolation represents individuals with confirmed COVID-19 who no longer need to self-isolate. MDH does not track cases over time to determine whether they have fully recovered.



- Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

93,012
Total Confirmed Cases (cumulative)

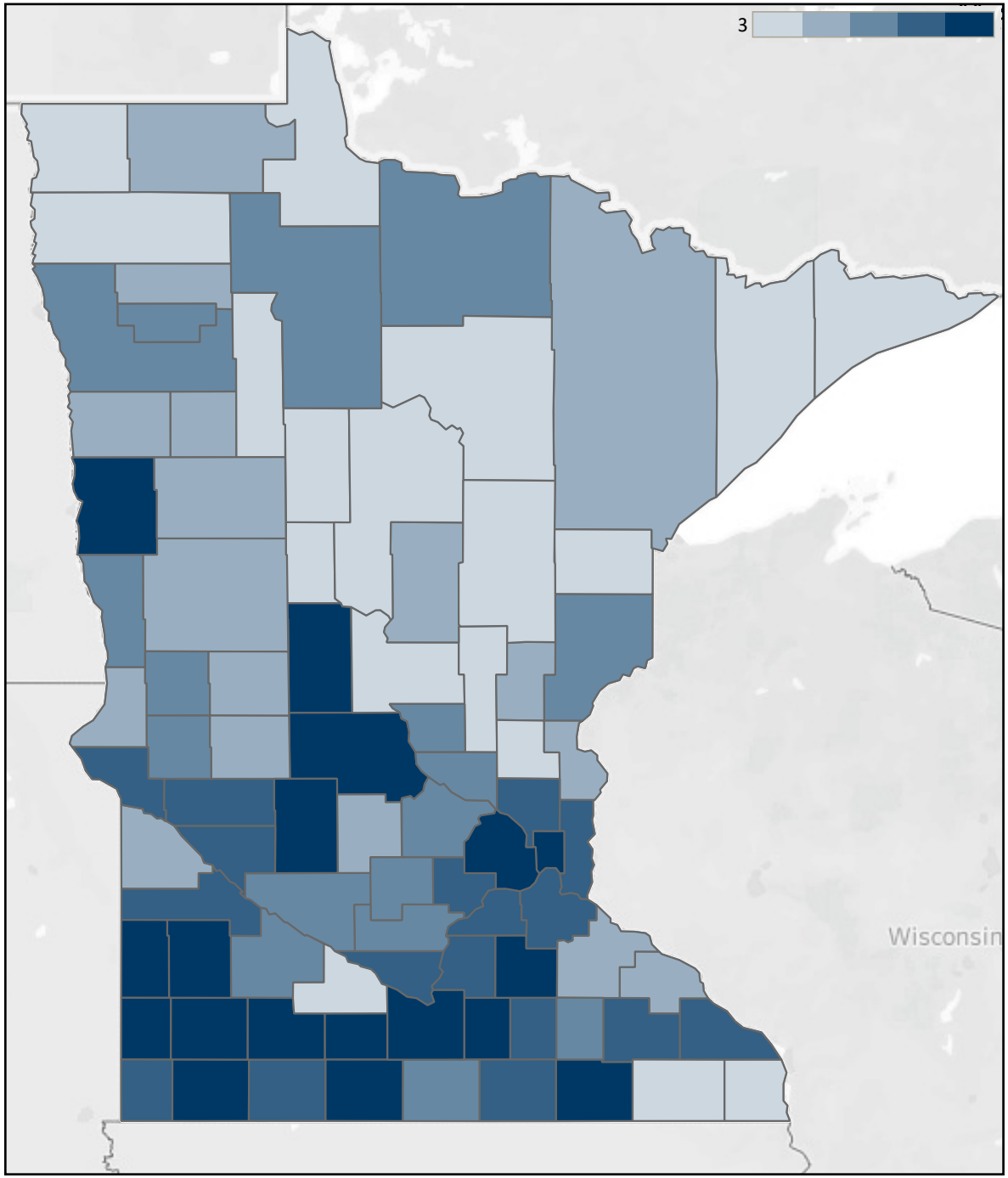
83,862
No Longer Needing Isolation (cumulative)

County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	75	67	Martin	372	258
Anoka	5,935	5,342	McLeod	475	425
Becker	264	227	Meeker	194	150
Beltrami	405	357	Mille Lacs	154	131
Benton	530	465	Morrison	222	176
Big Stone	76	57	Mower	1,312	1,242
Blue Earth	1,647	1,508	Murray	158	146
Brown	182	149	Nicollet	521	465
Carlton	256	218	Nobles	1,954	1,895
Carver	1,389	1,285	Norman	53	51
Cass	159	114	Olmsted	2,367	2,168
Chippewa	206	174	Otter Tail	422	348
Chisago	471	409	Pennington	116	106
Clay	1,340	1,129	Pine	309	189
Clearwater	27	25	Pipestone	217	192
Cook	6	6	Polk	298	254
Cottonwood	224	212	Pope	92	78
Crow Wing	481	367	Ramsey	10,697	9,838
Dakota	7,354	6,765	Red Lake	42	36
Dodge	218	180	Redwood	154	91
Douglas	286	207	Renville	142	104
Faribault	136	128	Rice	1,322	1,263
Fillmore	111	97	Rock	164	137
Freeborn	532	460	Roseau	117	101
Goodhue	351	293	Scott	2,500	2,278
Grant	59	53	Sherburne	1,125	1,023
Hennepin	26,447	24,200	Sibley	186	157
Houston	121	102	St. Louis	1,480	1,164
Hubbard	94	60	Stearns	3,909	3,576
Isanti	279	219	Steele	533	494
Itasca	303	238	Stevens	94	86
Jackson	141	110	Swift	127	96
Kanabec	117	84	Todd	487	468
Kandiyohi	972	897	Traverse	29	28
Kittson	12	11	Wabasha	183	154
Koochiching	121	93	Wadena	67	59
Lac qui Parle	50	32	Waseca	612	434
Lake	58	48	Washington	3,689	3,370
Lake of the Woods	21	19	Watonwan	516	478
Le Sueur	452	429	Wilkin	61	52
Lincoln	108	86	Winona	863	755
Lyon	667	609	Wright	1,573	1,453
Mahnomen	46	41	Yellow Medicine	175	132
Marshall	50	47	Unknown/missing	150	142

Cumulative Case Rate by County of Residence

168
cases per 10,000 people

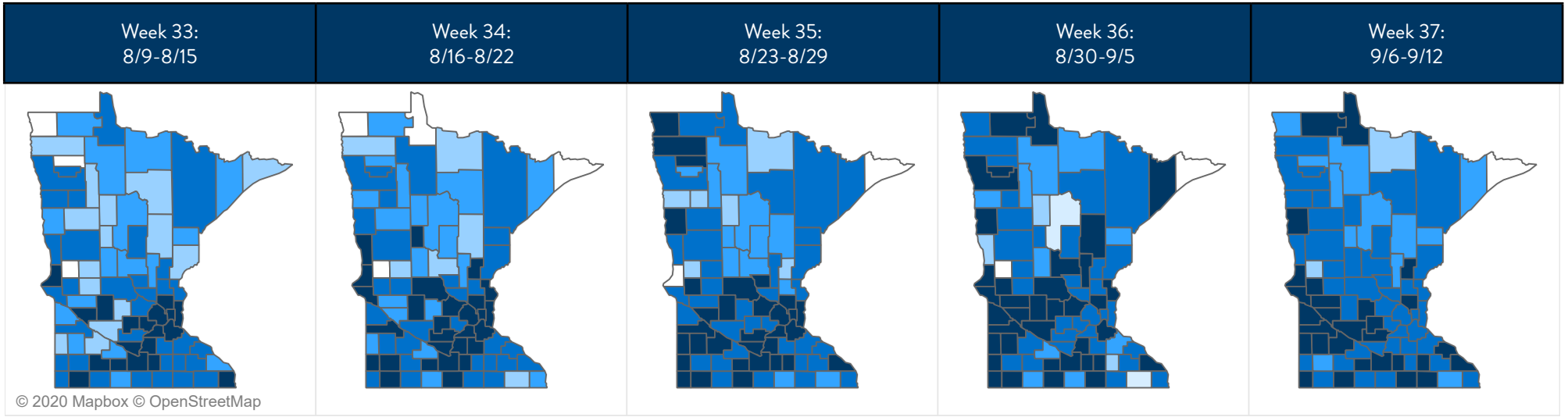
Cumulative number of cases by county of residence per 10,000 people.

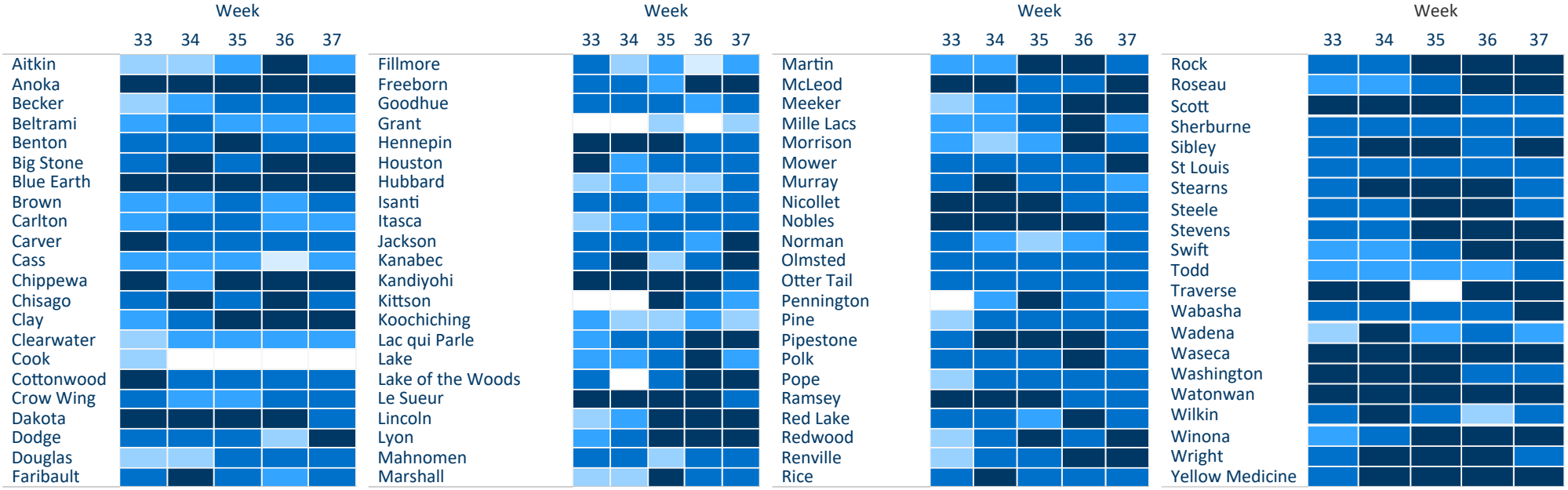


County	Cumulative Rate	County	Cumulative Rate
Aitkin	47	Martin	186
Anoka	171	McLeod	133
Becker	78	Meeker	84
Beltrami	88	Mille Lacs	60
Benton	133	Morrison	67
Big Stone	152	Mower	331
Blue Earth	248	Murray	189
Brown	72	Nicollet	154
Carlton	72	Nobles	895
Carver	138	Norman	81
Cass	55	Olmsted	155
Chippewa	172	Otter Tail	73
Chisago	86	Pennington	82
Clay	213	Pine	106
Clearwater	31	Pipestone	236
Cook	11	Polk	94
Cottonwood	197	Pope	84
Crow Wing	75	Ramsey	198
Dakota	176	Red Lake	105
Dodge	106	Redwood	100
Douglas	77	Renville	96
Faribault	98	Rice	201
Fillmore	53	Rock	174
Freeborn	174	Roseau	76
Goodhue	76	Scott	174
Grant	99	Sherburne	121
Hennepin	214	Sibley	125
Houston	65	St. Louis	74
Hubbard	45	Stearns	249
Isanti	72	Steele	145
Itasca	67	Stevens	96
Jackson	140	Swift	135
Kanabec	73	Todd	199
Kandiyohi	228	Traverse	87
Kittson	28	Wabasha	85
Koochiching	96	Wadena	49
Lac qui Parle	74	Waseca	325
Lake	55	Washington	146
Lake of the Woods	55	Watonwan	470
Le Sueur	162	Wilkin	96
Lincoln	189	Winona	170
Lyon	258	Wright	118
Mahnomen	84	Yellow Medicine	177
Marshall	53		

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.



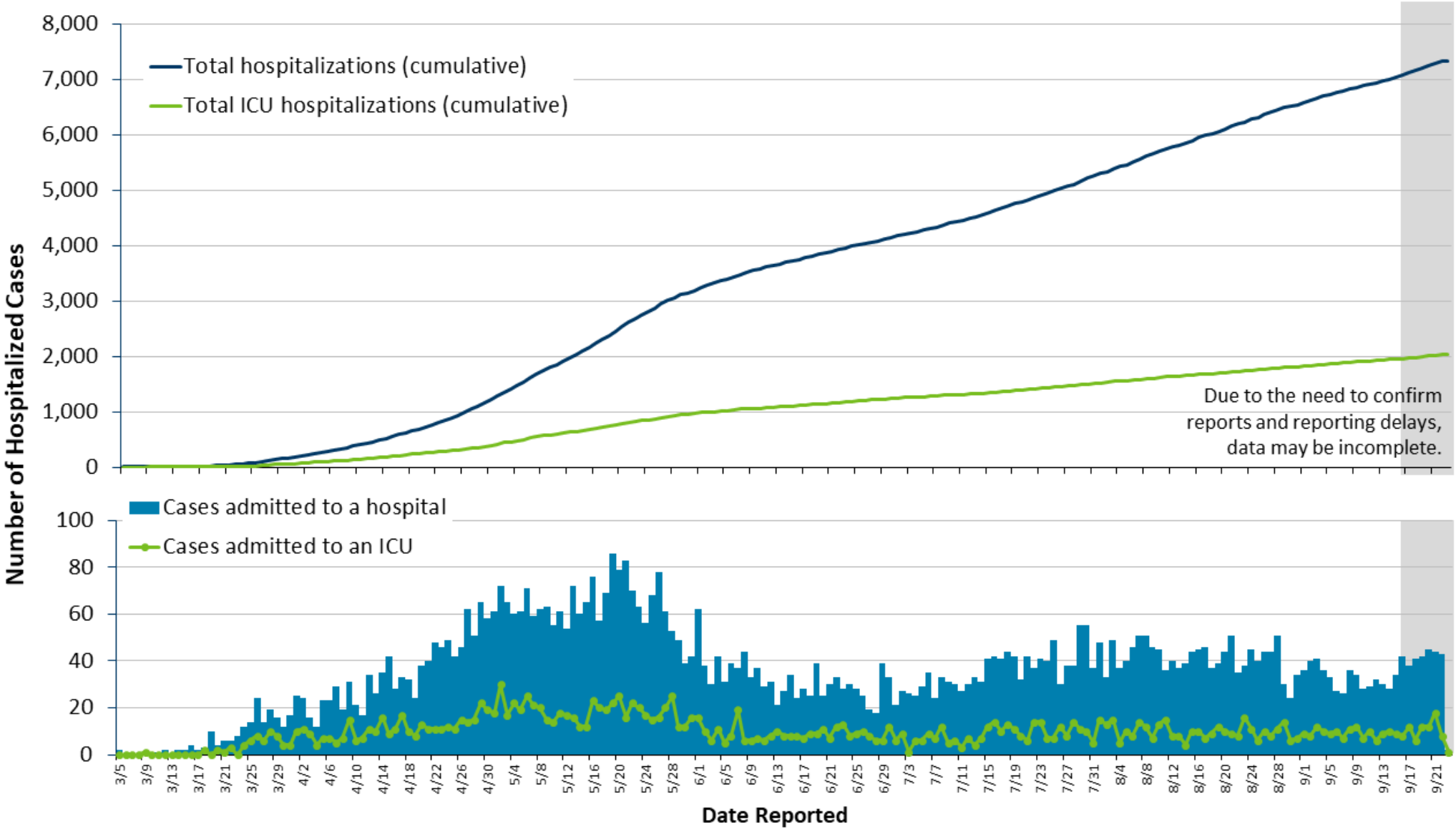


- Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

7,335
Total Hospitalizations (cumulative)

2,049
Total ICU Hospitalizations (cumulative)

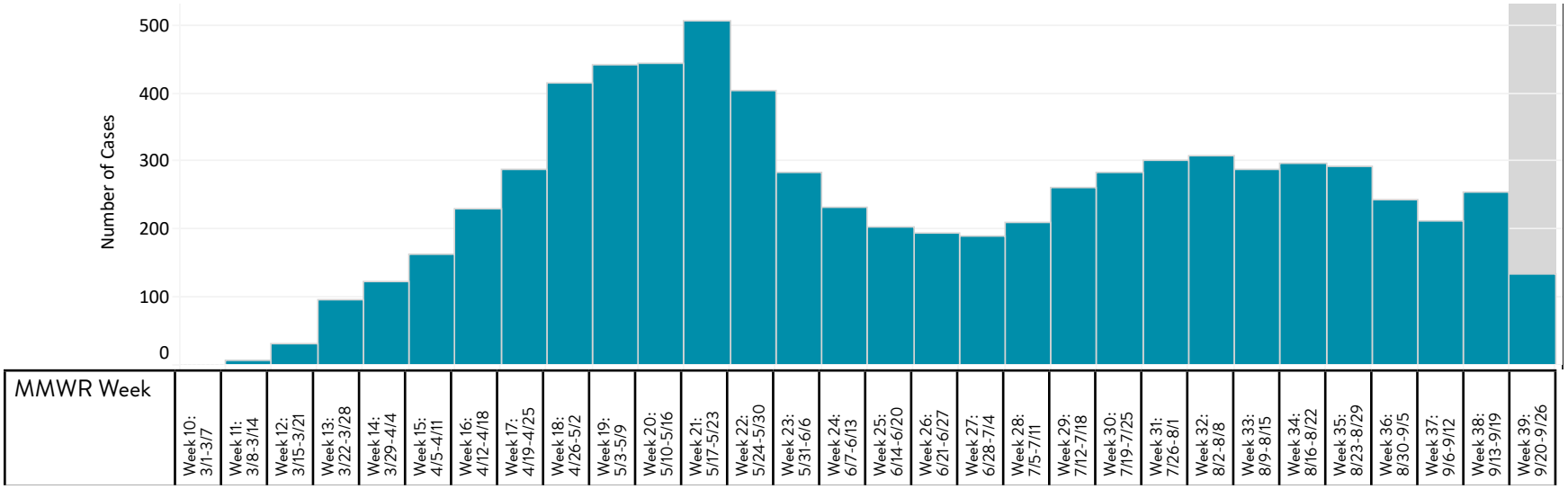


- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

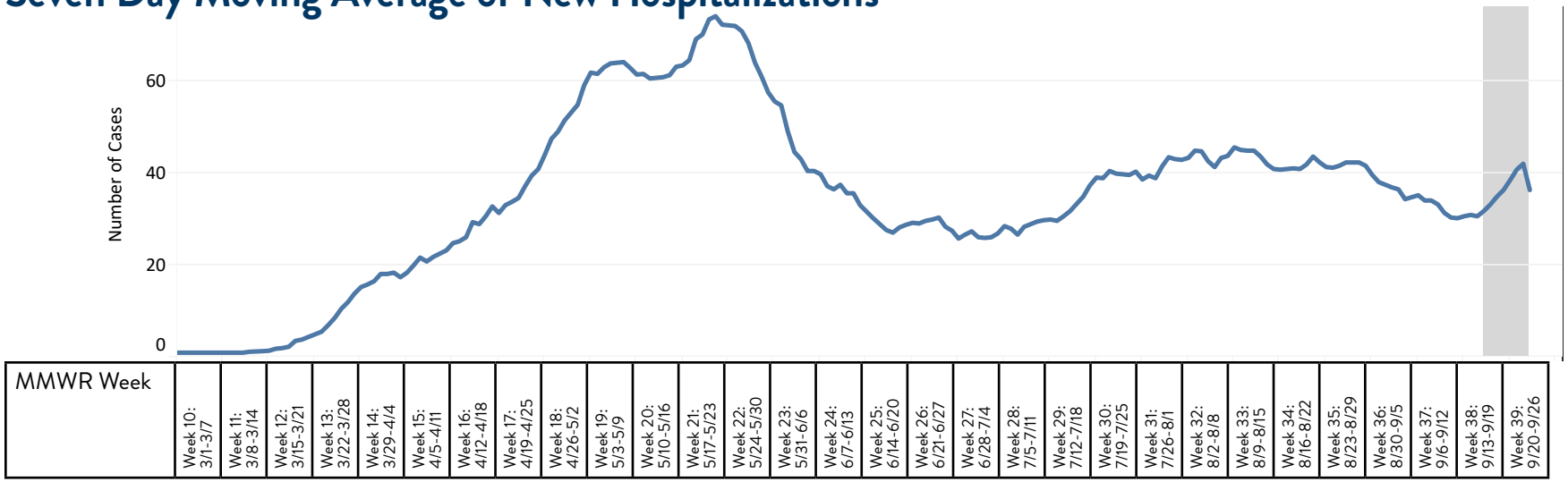
Hospitalizations by Week, 7-Day Average

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

New Hospitalization by Week First Hospital Admission



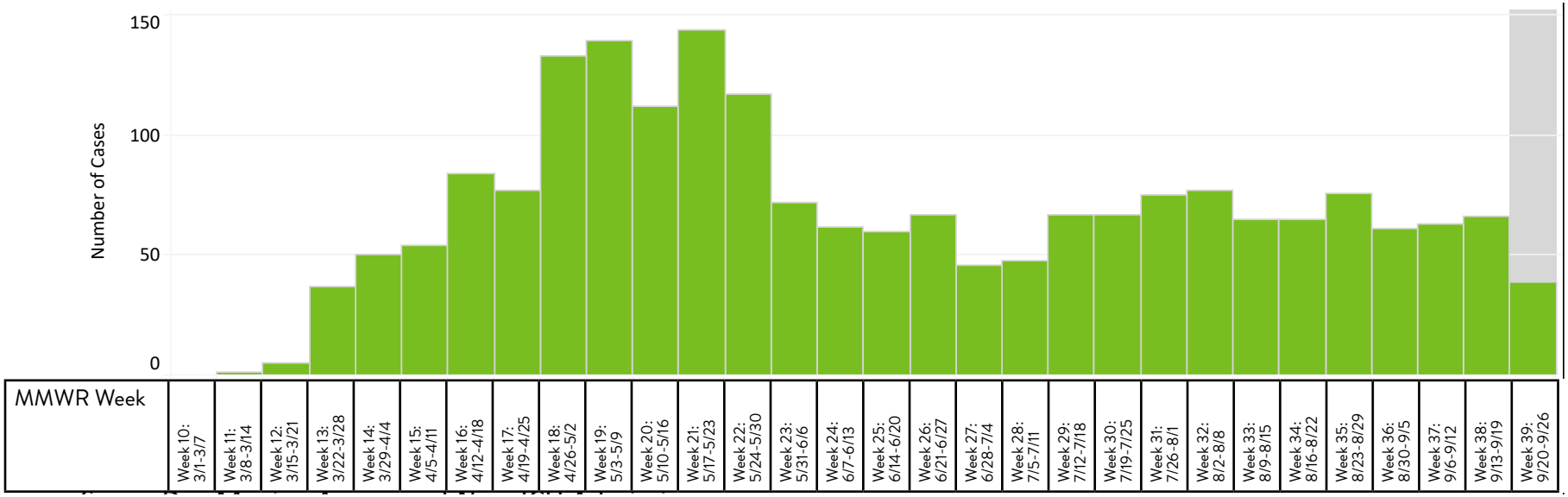
Seven Day Moving Average of New Hospitalizations



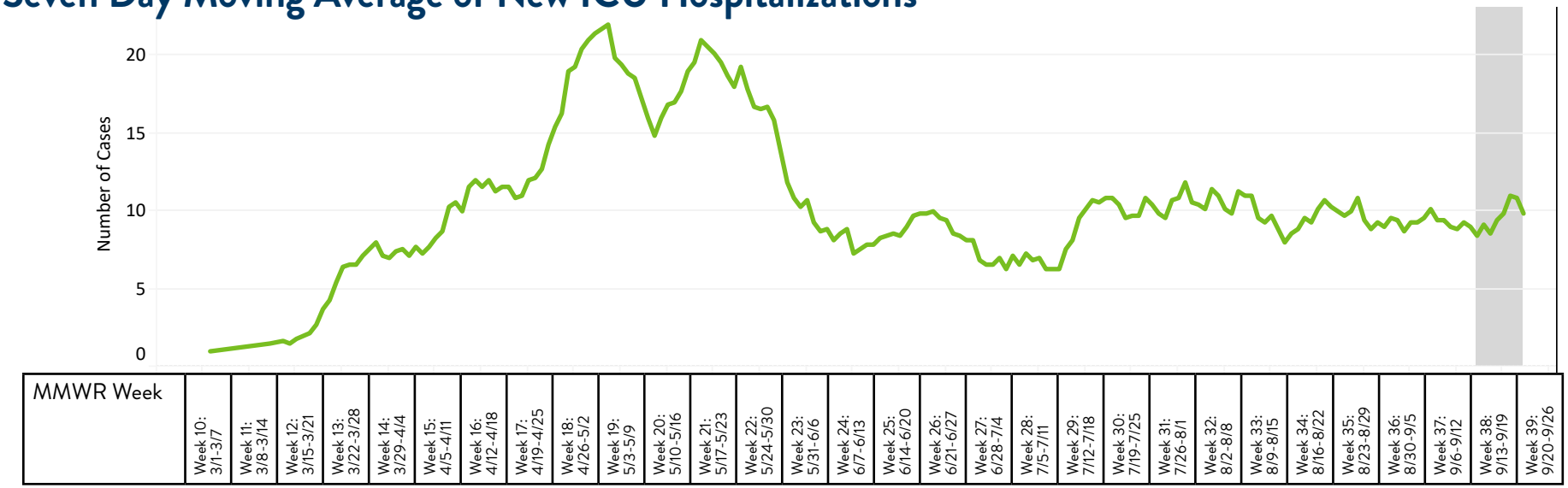
ICU Hospitalizations by Week, 7-Day Average

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

New ICU Hospitalizations by Week of First ICU Hospital Admission



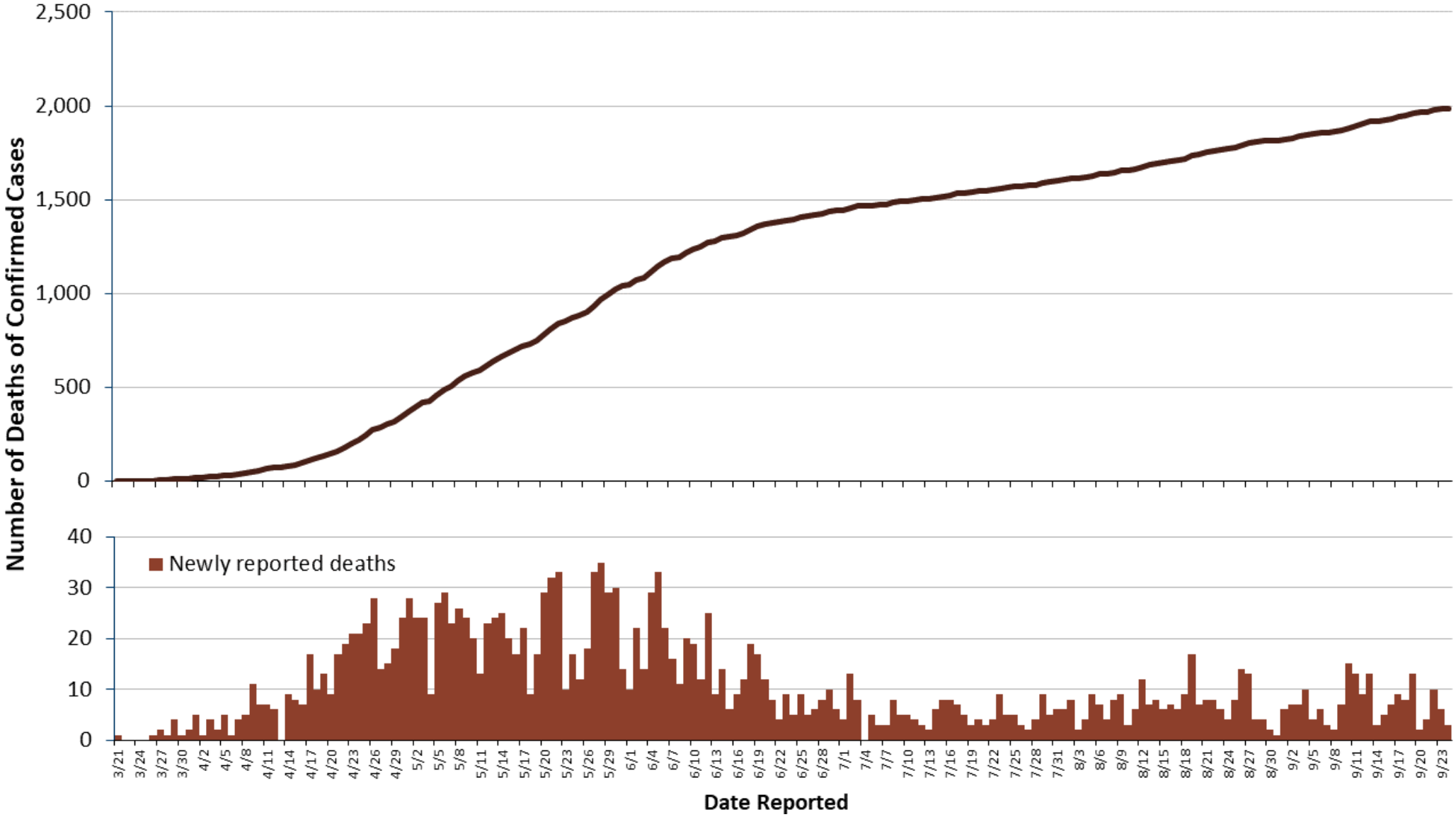
Seven Day Moving Average of New ICU Hospitalizations



Deaths

1,988
Total Deaths
(cumulative)

Deaths are confirmed deaths due to COVID-19, and have a positive laboratory-confirmed PCR test 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.).

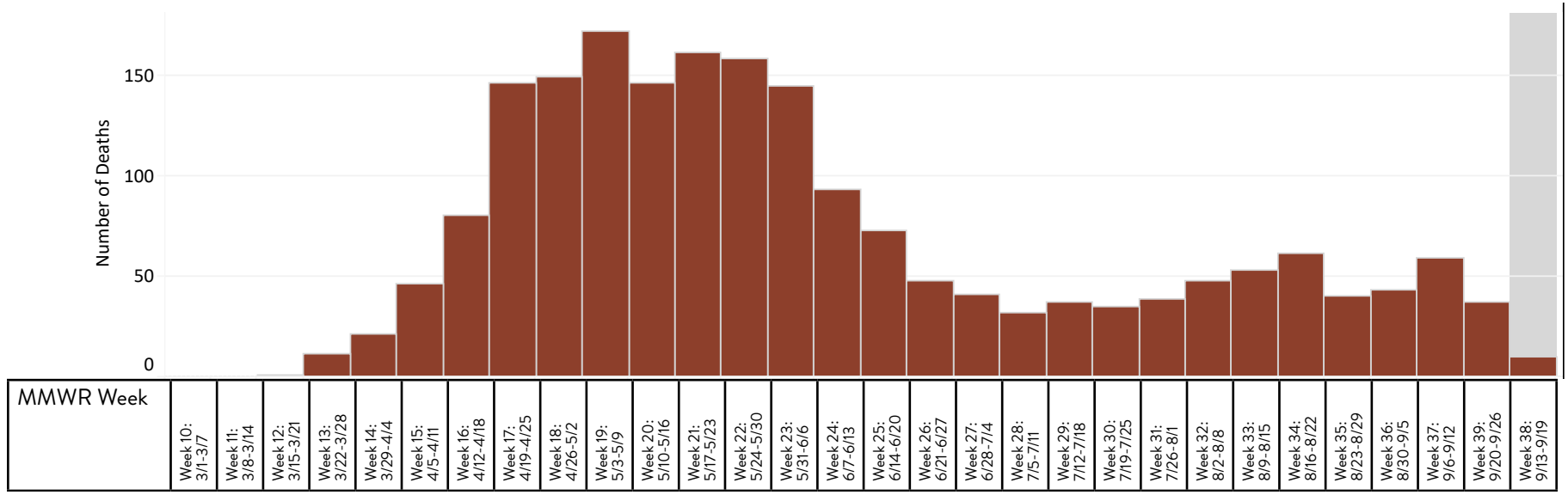


- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

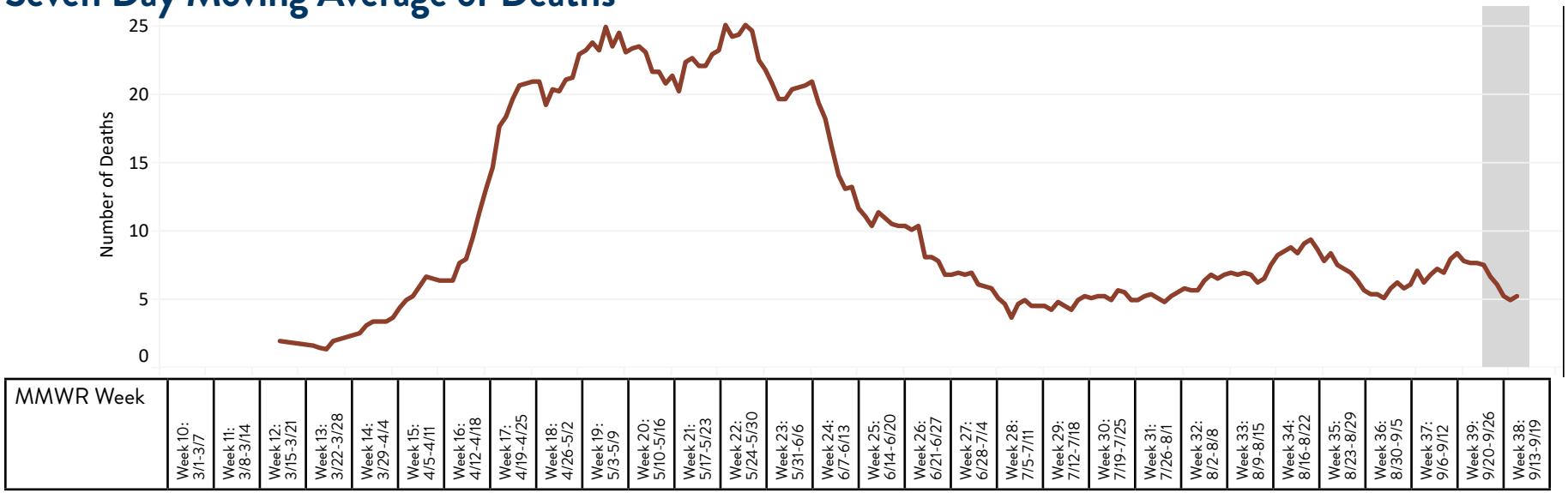
Deaths by Week, 7-Day Average

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

Deaths by Week of Death



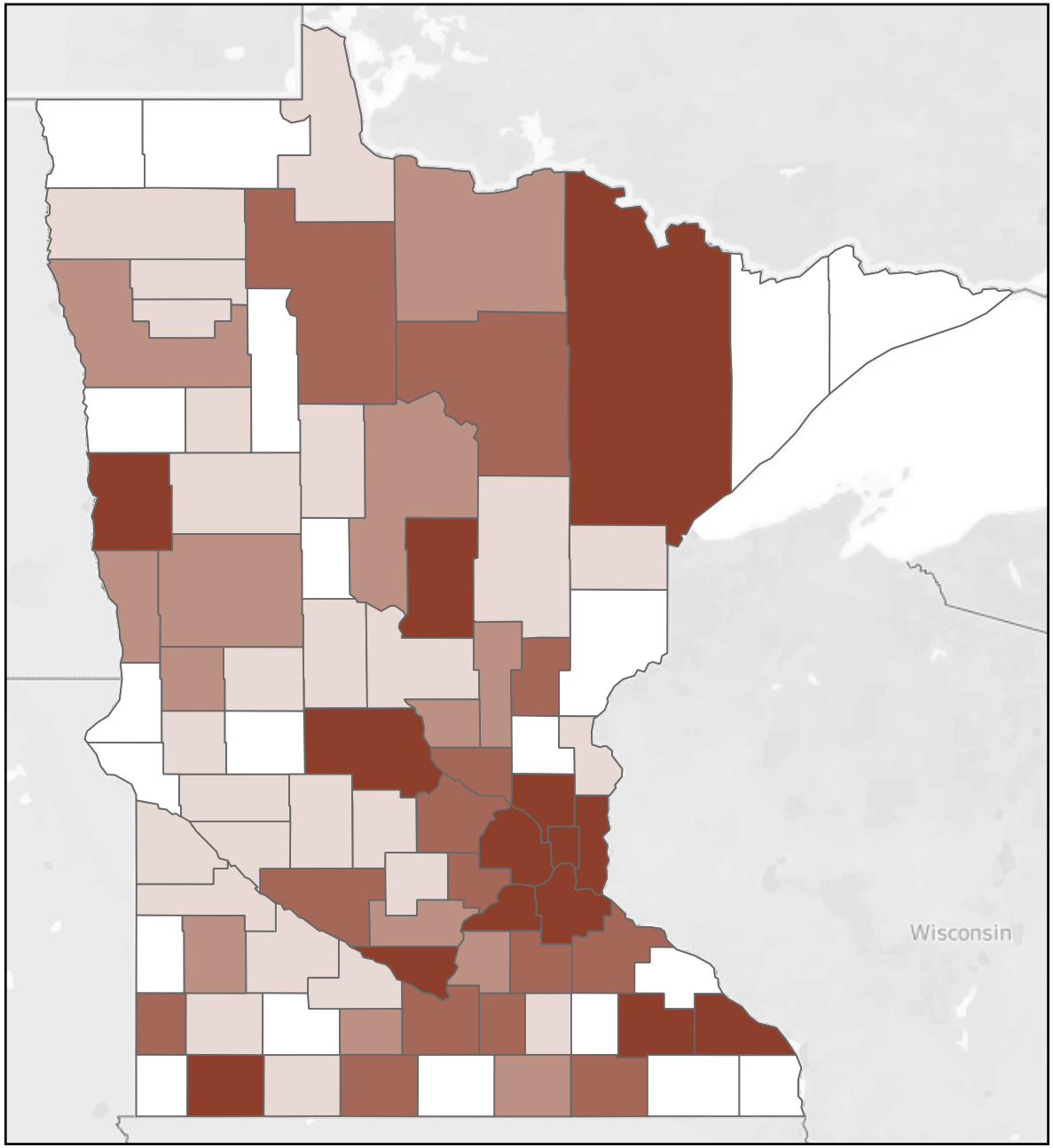
Seven Day Moving Average of Deaths



Deaths by County of Residence

1,988
Total Deaths (cumulative)

Cumulative number of deaths in laboratory confirmed cases by county of residence.



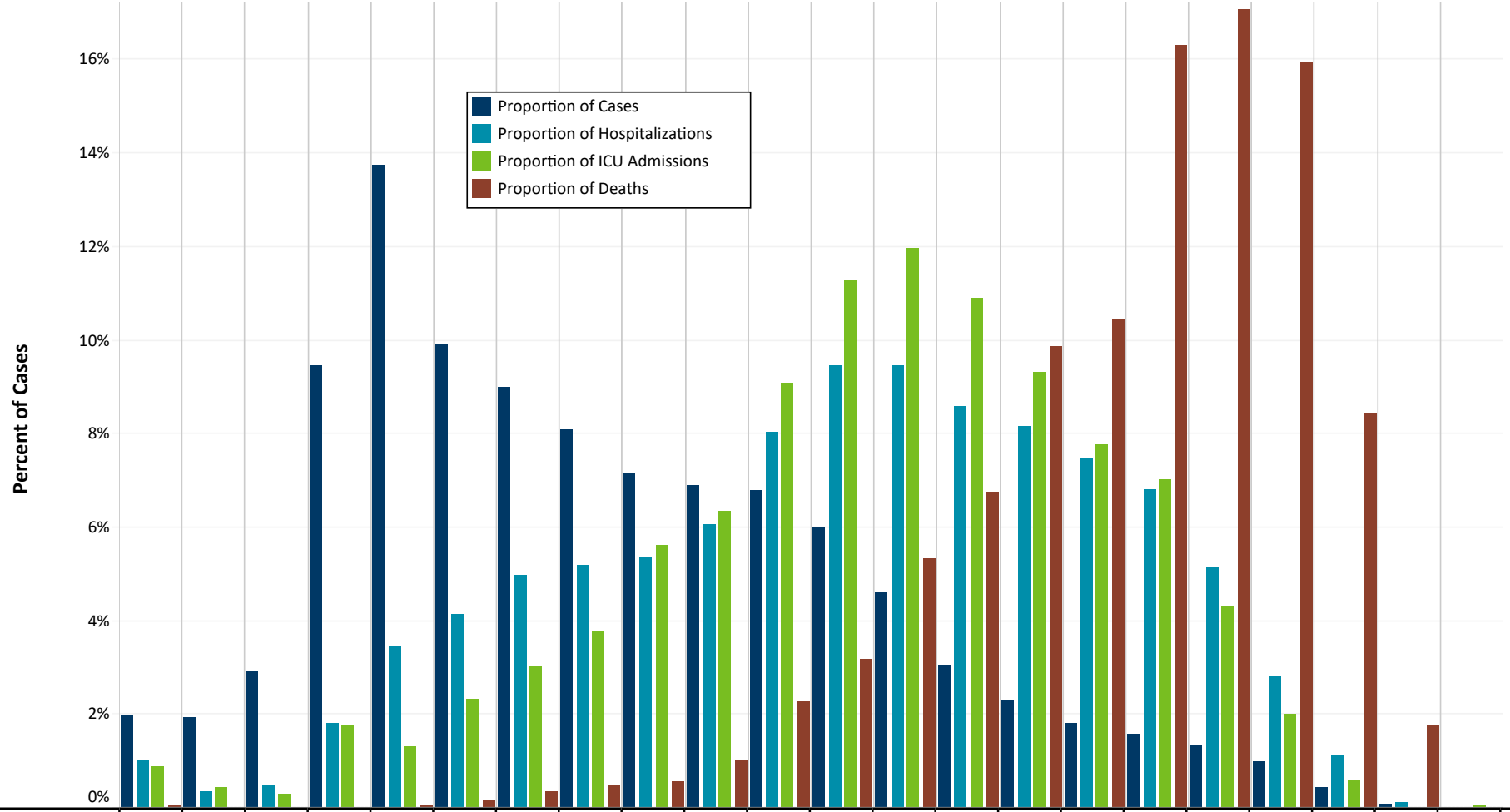
County	Deaths	County	Deaths
Aitkin	1	Martin	10
Anoka	132	McLeod	2
Becker	2	Meeker	2
Beltrami	5	Mille Lacs	3
Benton	3	Morrison	1
Big Stone	0	Mower	5
Blue Earth	6	Murray	2
Brown	2	Nicollet	16
Carlton	1	Nobles	16
Carver	7	Norman	0
Cass	3	Olmsted	28
Chippewa	1	Otter Tail	4
Chisago	1	Pennington	1
Clay	40	Pine	0
Clearwater	0	Pipestone	10
Cook	0	Polk	4
Cottonwood	0	Pope	0
Crow Wing	18	Ramsey	319
Dakota	125	Red Lake	1
Dodge	0	Redwood	1
Douglas	2	Renville	7
Faribault	0	Rice	8
Fillmore	0	Rock	0
Freeborn	3	Roseau	0
Goodhue	9	Scott	33
Grant	4	Sherburne	14
Hennepin	926	Sibley	3
Houston	0	St. Louis	39
Hubbard	1	Stearns	24
Isanti	0	Steele	2
Itasca	14	Stevens	1
Jackson	1	Swift	1
Kanabec	8	Todd	2
Kandiyohi	2	Traverse	0
Kittson	0	Wabasha	0
Koochiching	3	Wadena	0
Lac qui Parle	1	Waseca	8
Lake	0	Washington	55
Lake of the Woods	1	Watonwan	4
Le Sueur	4	Wilkin	3
Lincoln	0	Winona	18
Lyon	4	Wright	7
Mahnomen	1	Yellow Medicine	2
Marshall	1	Unknown/missing	0

- 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)

Demographics: Age

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

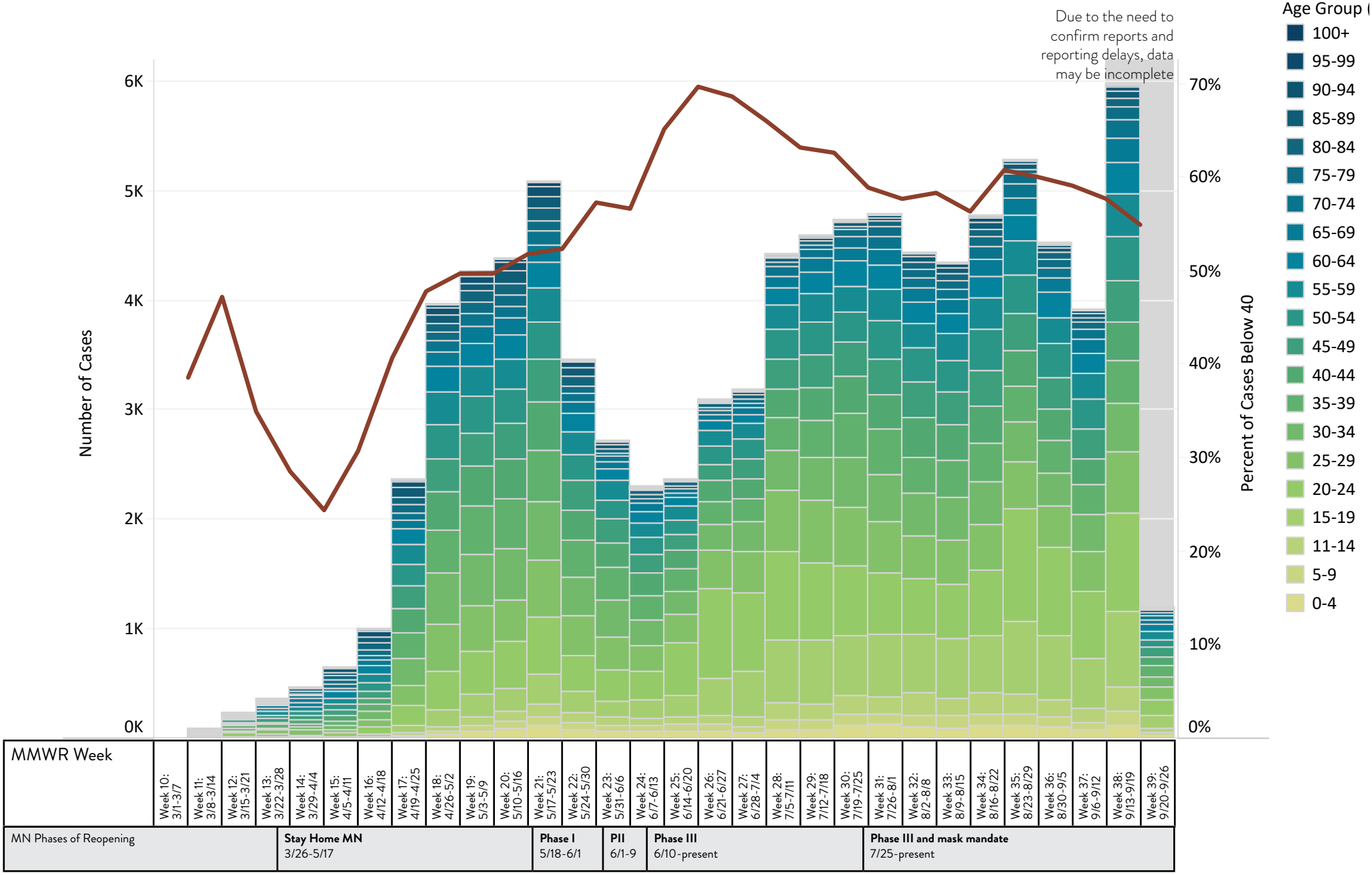
	Median Age (Range) in Years
All Cases	35 (<1 month – 109)
Non-Hospitalized Cases	34 (<1 month - 109)
Hospitalizations	59 (<1 month - 105)
ICU Hospitalizations	61 (<1 month - 99)
Deaths	83 (<1 - 109)



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	1,843	1,789	2,712	8,798	12,777	9,200	8,368	7,526	6,673	6,405	6,308	5,584	4,266	2,836	2,144	1,687	1,458	1,244	908	407	73	6	93,012
Hospitalizations	74	26	37	132	252	303	365	381	392	444	590	695	694	629	598	548	500	376	206	83	9	1	7,335
ICU Hospitalizations	18	9	6	36	27	48	62	77	115	130	186	231	245	223	191	159	144	88	41	12	0	1	2,049
Deaths	1	0	0	0	1	3	7	10	11	20	45	63	106	134	196	208	324	339	317	168	35	0	1,988

Cases by Age Group and Specimen Collection Date

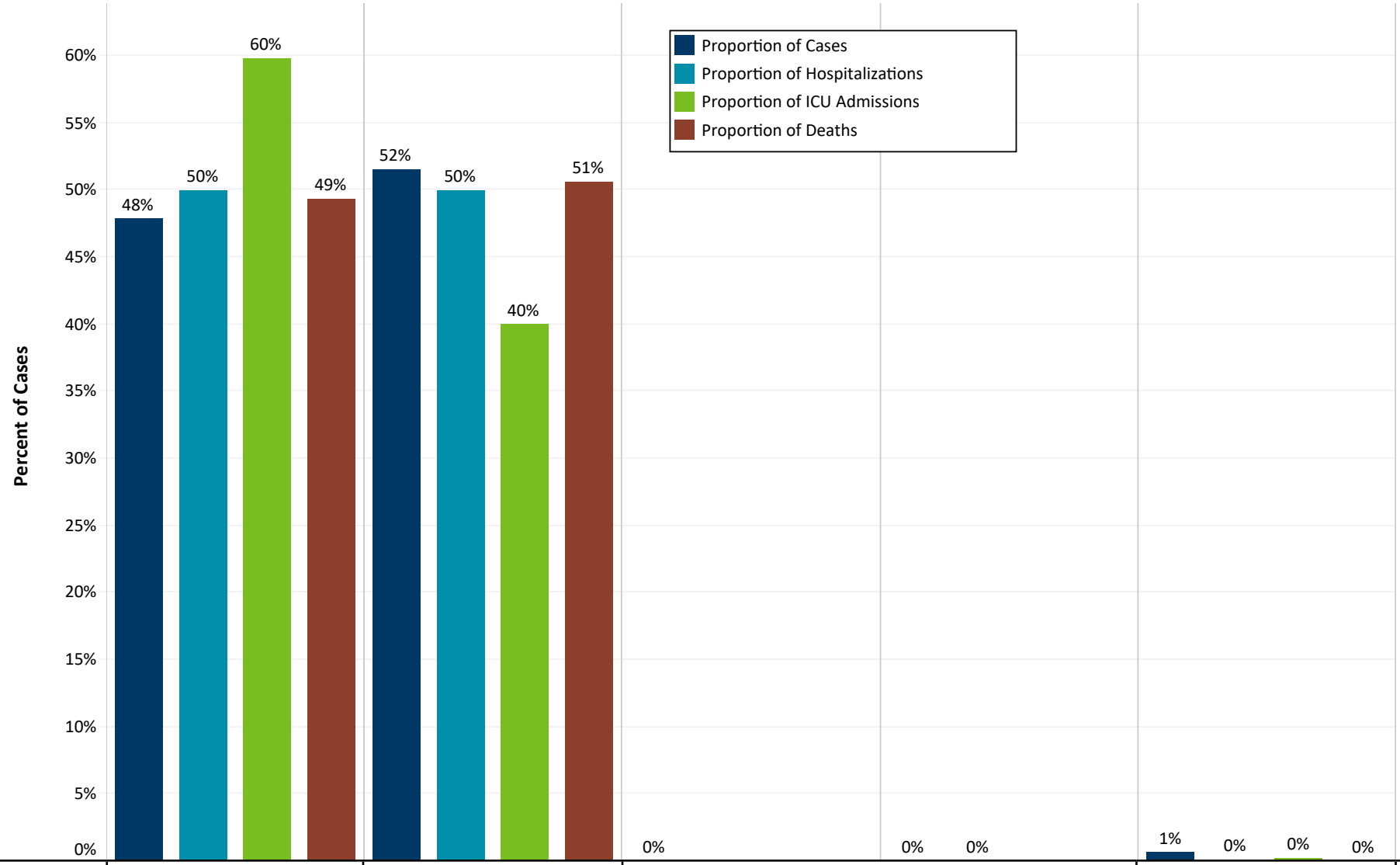
Confirmed cases by age group by date of specimen collection in Minnesota.



- 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)

Demographics: Gender

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

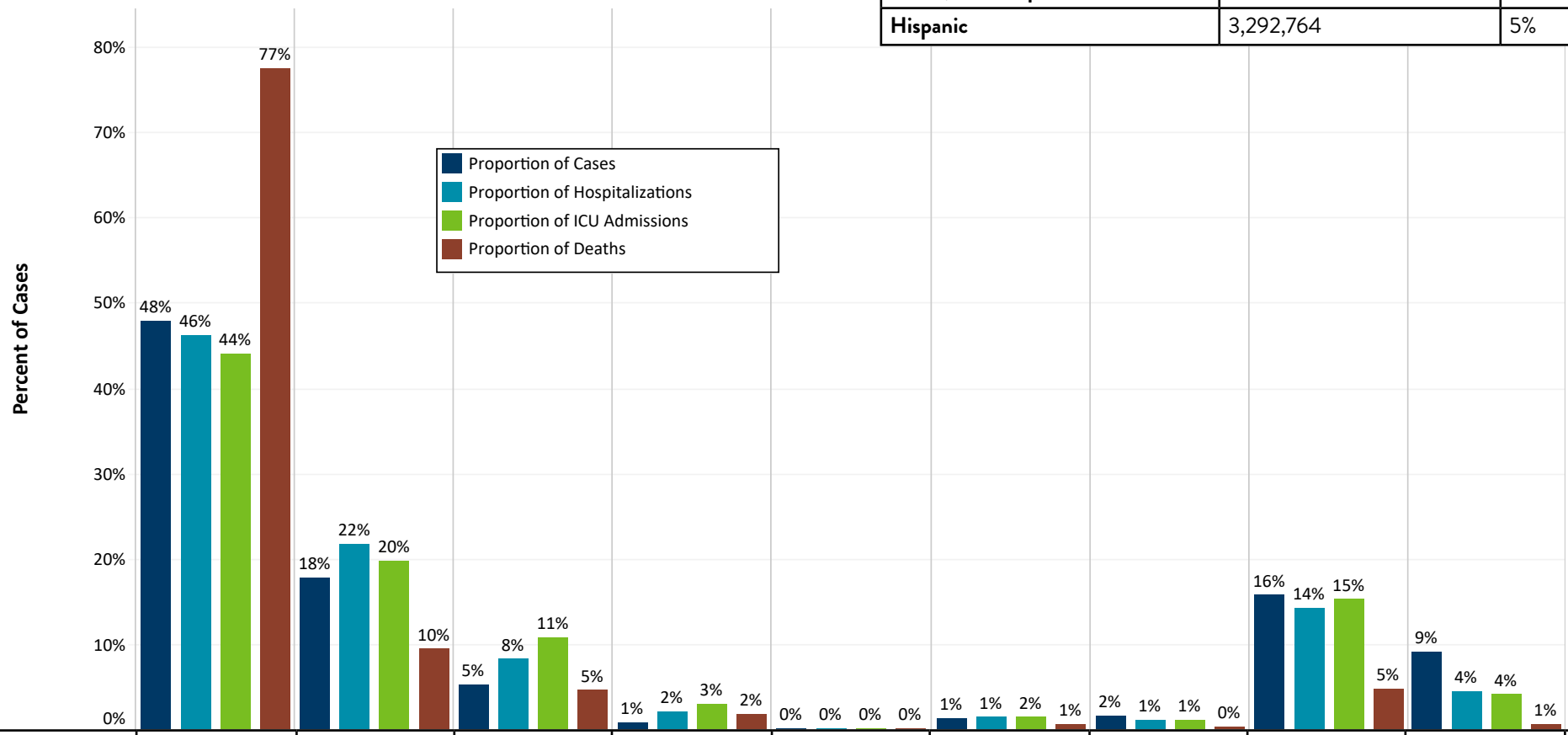


Gender	Male	Female	Other	Unk./missing	Total
All Cases	44,503	47,934	12	563	93,012
Hospitalizations	3,659	3,664	1	11	7,335
ICU Hospitalizations	1,226	819	0	4	2,049
Deaths	981	1,006	0	1	1,988

Demographics: Race & Ethnicity

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

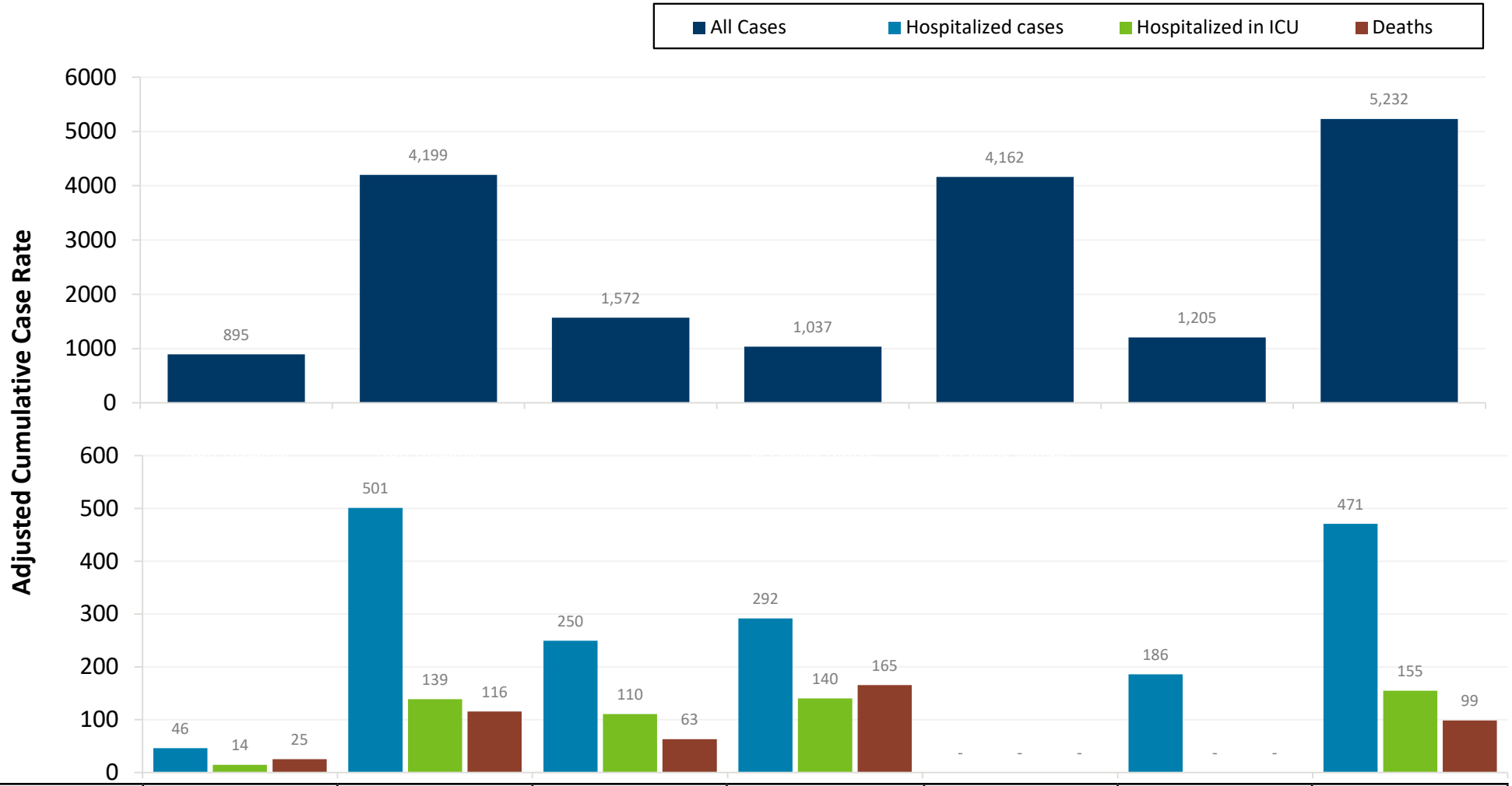
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	2%
Other, non-Hispanic	7,021	<1%
Hispanic	3,292,764	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	44,634	16,511	4,982	782	132	1,177	1,569	14,728	8,497	93,012
Hospitalizations	3,389	1,601	614	156	9	106	82	1,052	326	7,335
ICU Hospitalizations	904	407	222	61	2	31	25	313	84	2,049
Deaths	1,540	189	93	36	2	13	7	96	12	1,988

Age-Adjusted Race & Ethnicity Rates

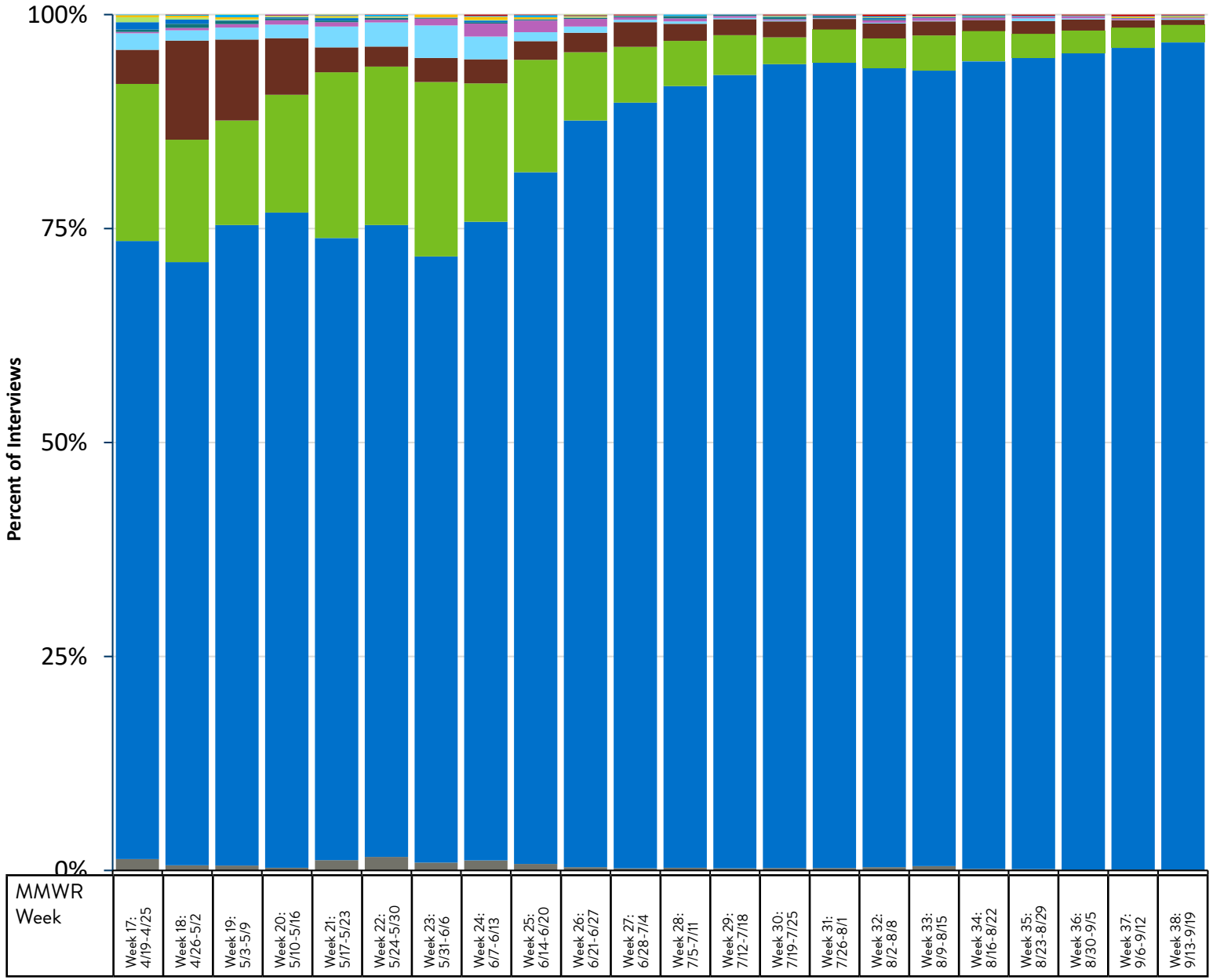
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total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



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	895	4,199	1,572	1,037	4,162	1,205	5,232
Hospitalizations	46	501	250	292	-	186	471
ICU Hospitalizations	14	139	110	140	-	-	155
Deaths	25	116	63	165	-	-	99

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.

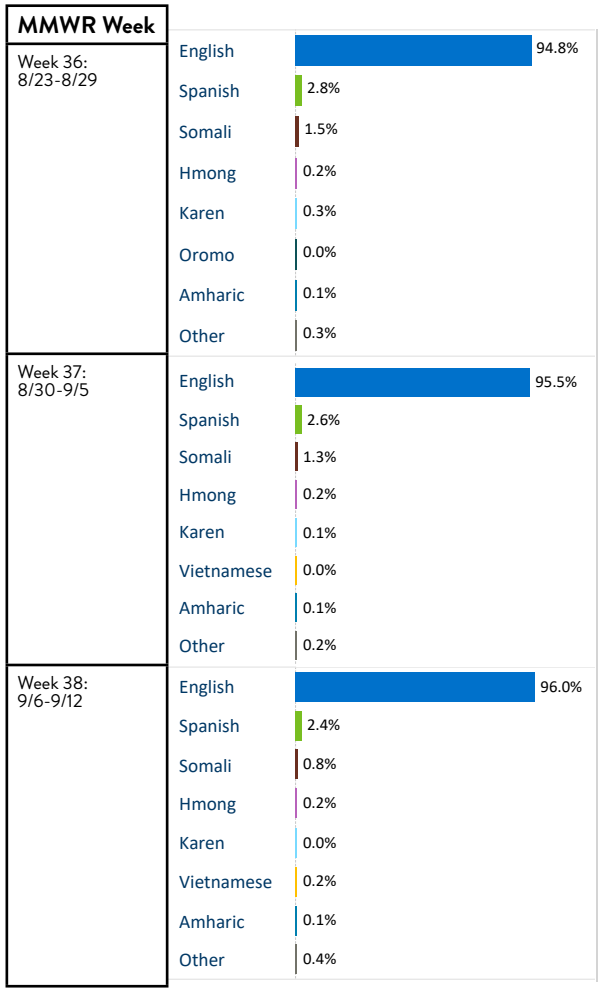


Language	Total % of Interviews
Mandarin	<1%
Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
Amharic	<1%
Oromo	<1%
Hmong	<1%
Karen	1%
Somali	3%
Spanish	8%
English	87%
Other	<1%

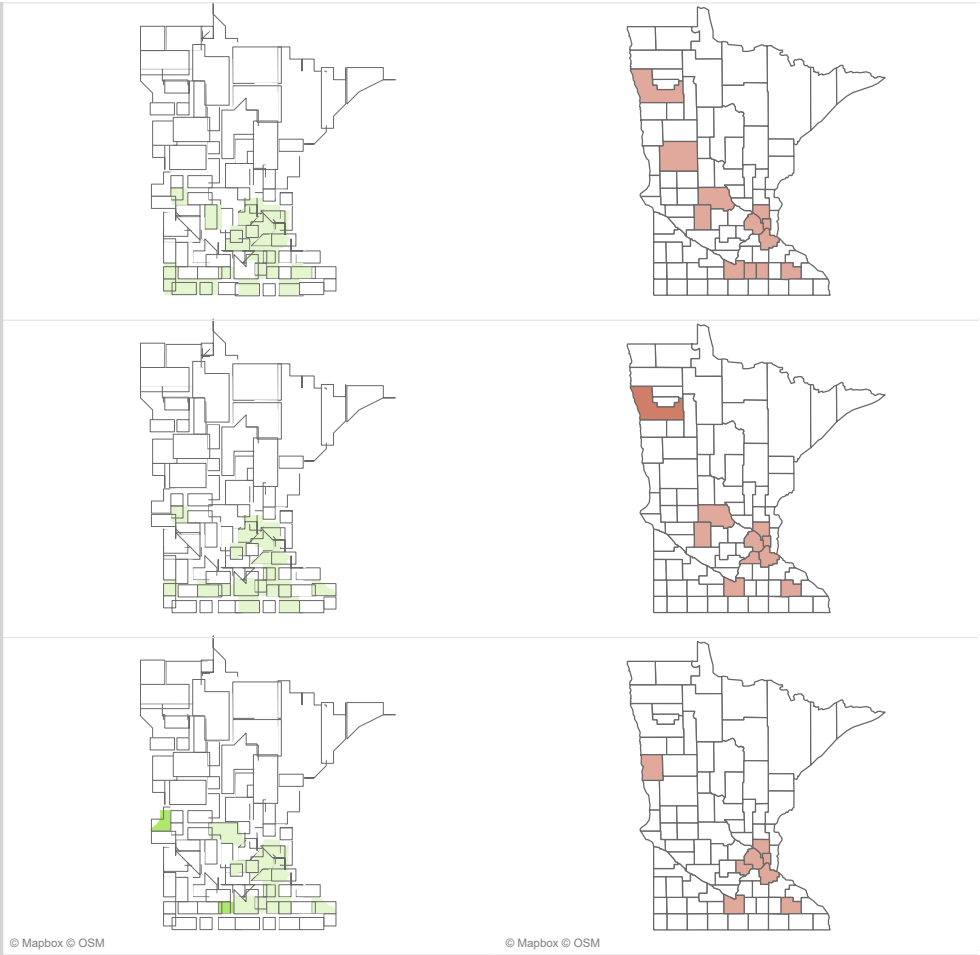
Interview Language by County of Residence

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

Percent of Interviews by Language and Week



Spanish Language Interviews by Week and County

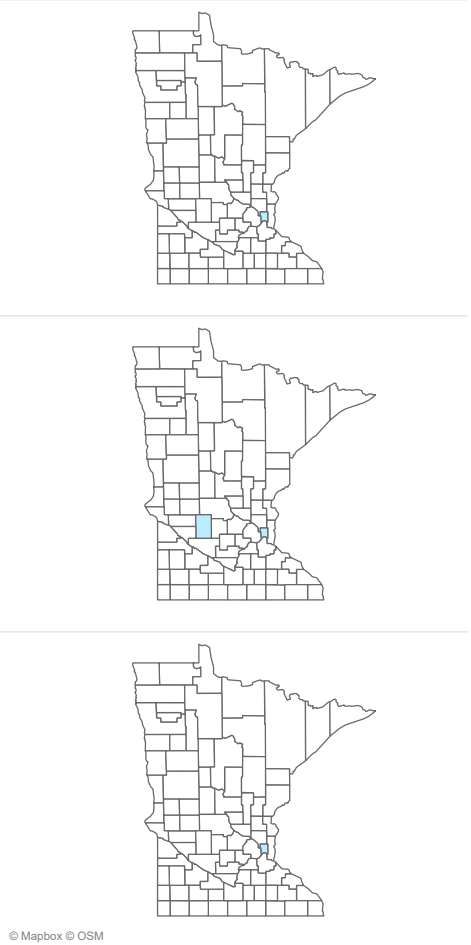


0% or no interviews
>0 to 25%
>25% to 50%

Somali Language Interviews by Week and County

0% or no interviews
>0 to 10%
>10% to 25%

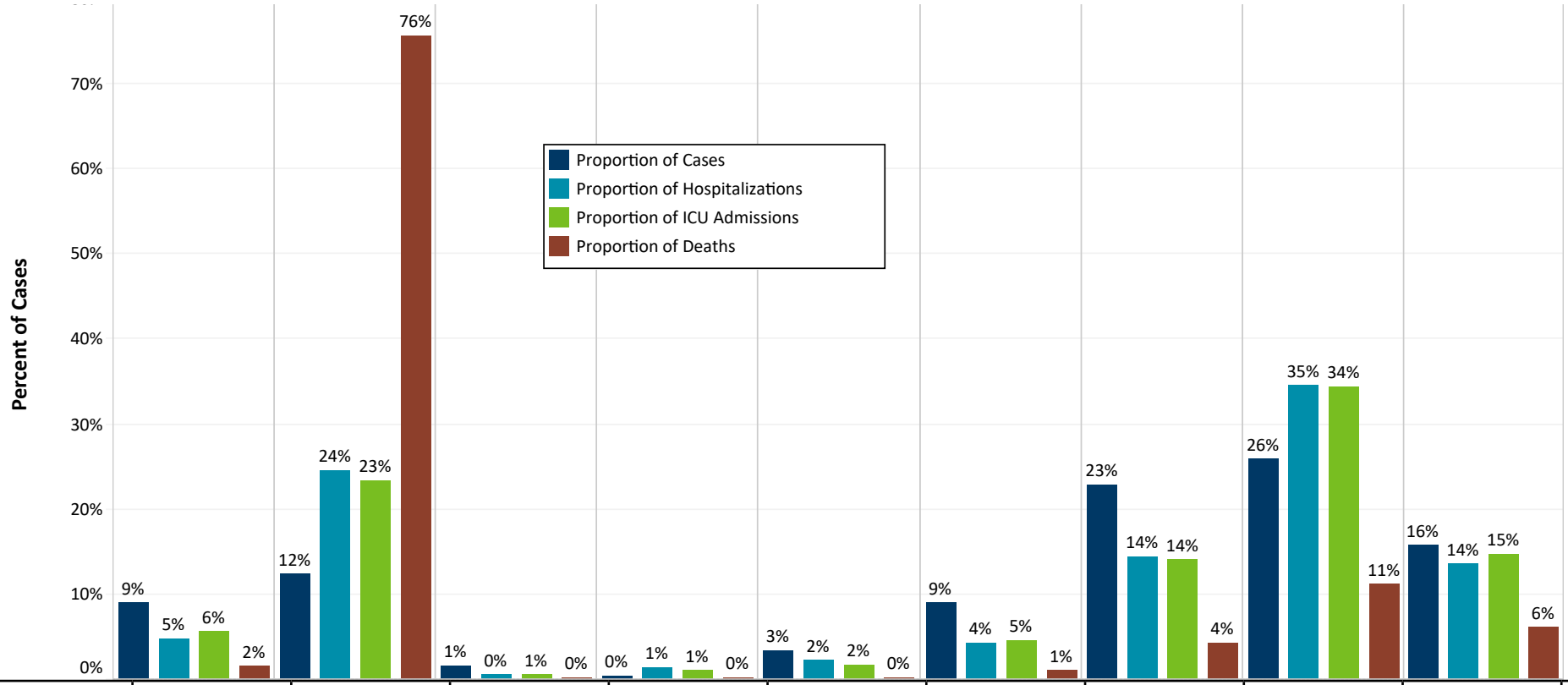
Karen Language Interviews by Week and County



0% or no interviews
>0 to 10%

Likely Exposure

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.

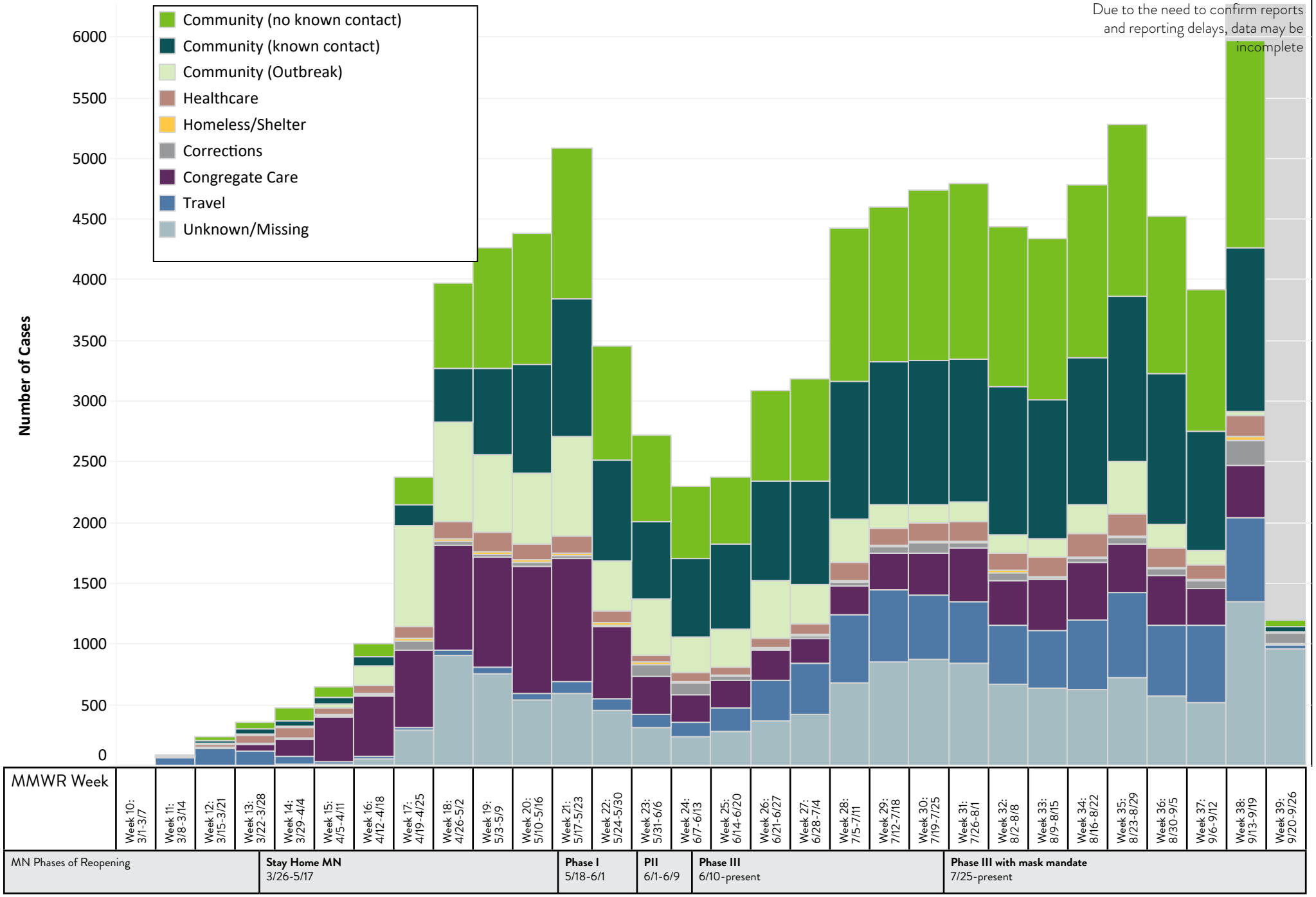


Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/ Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	8,332	11,510	1,338	335	3,163	8,377	21,296	24,115	14,546	93,012
Hospitalizations	348	1,793	33	104	162	311	1,059	2,534	991	7,335
ICU Hospitalizations	113	478	12	22	34	95	289	704	302	2,049
Deaths	31	1,501	2	2	4	19	84	223	122	1,988

- 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.

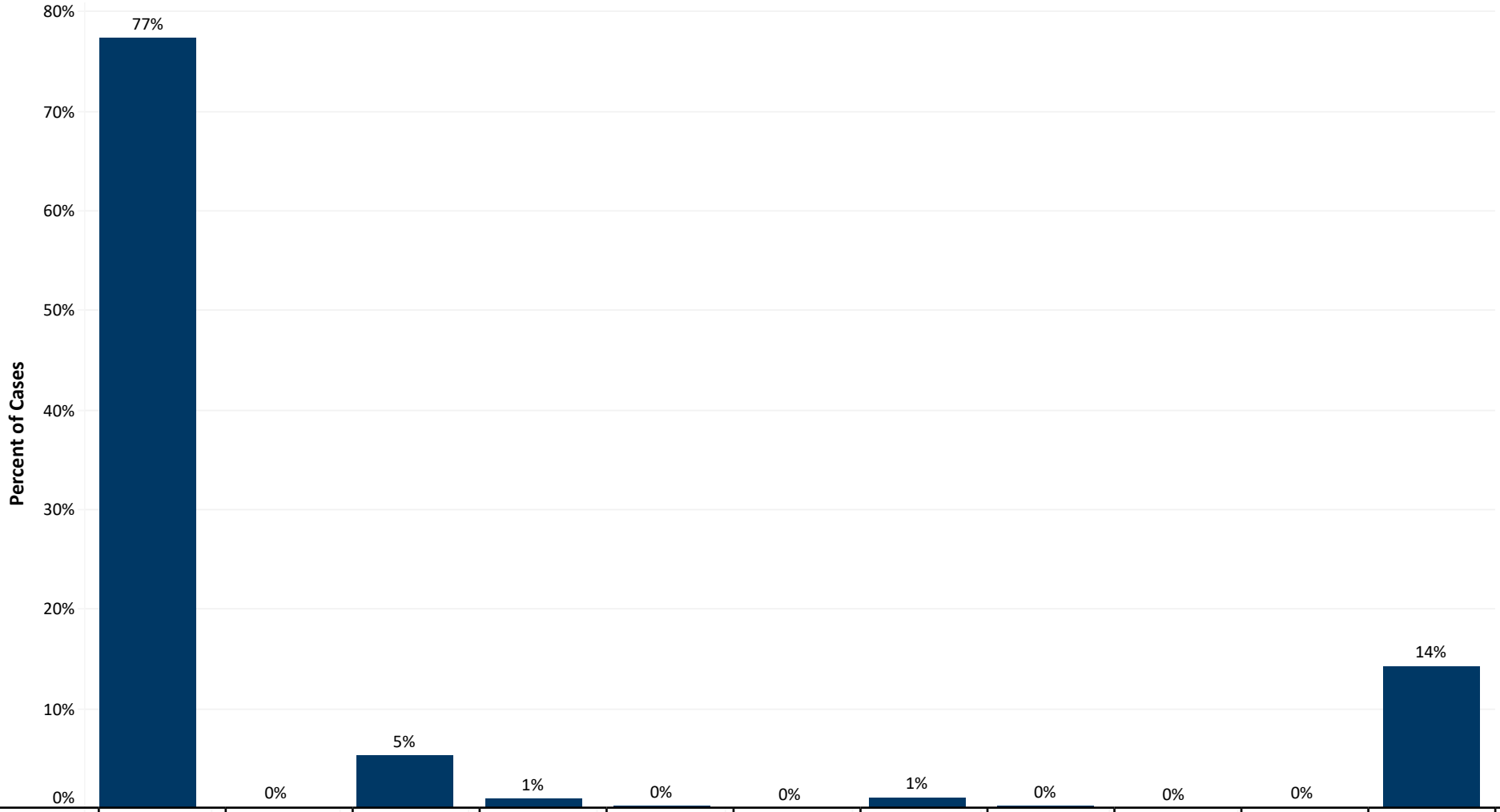
Cases by Likely Exposure and Specimen Collection Date

Confirmed 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.



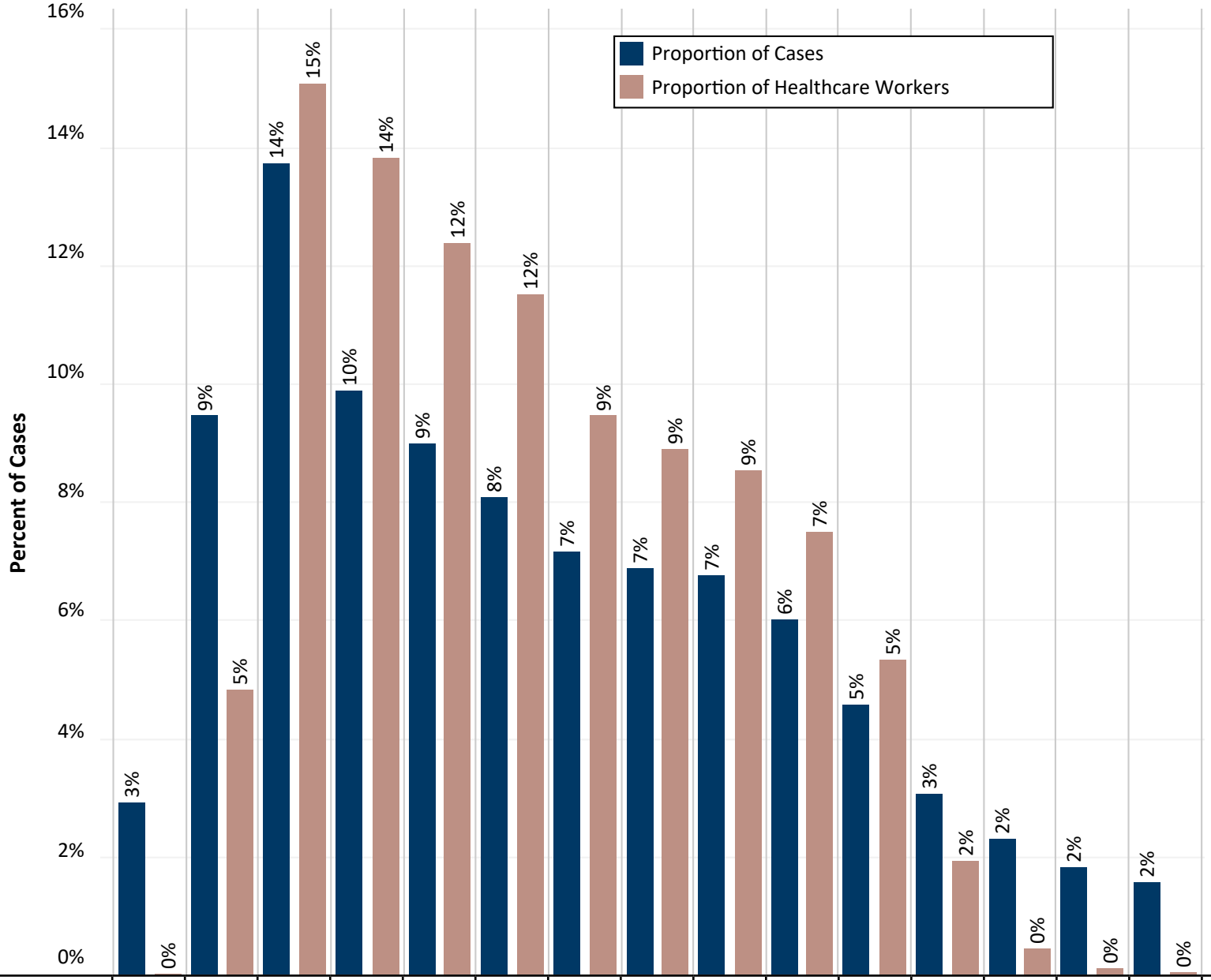
Residence Type

Residence type is collected during case interview and is self-reported.



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	72,059	105	4,920	905	188	61	1,063	301	23	79	13,308	93,012

Occupational Related Cases: Health Care



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	2,712	8,798	12,777	9,200	8,368	7,526	6,673	6,405	6,308	5,584	4,266	2,836	2,144	1,687	1,458	93,012
Health Care	4	481	1,498	1,373	1,231	1,144	939	883	847	744	529	193	45	12	6	9,930

9,930
Total Health Care Workers (cumulative)

7,986
Health Care Workers Exposed Occupationally (cumulative)

419
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.

Potential Exposure in Child Care Settings

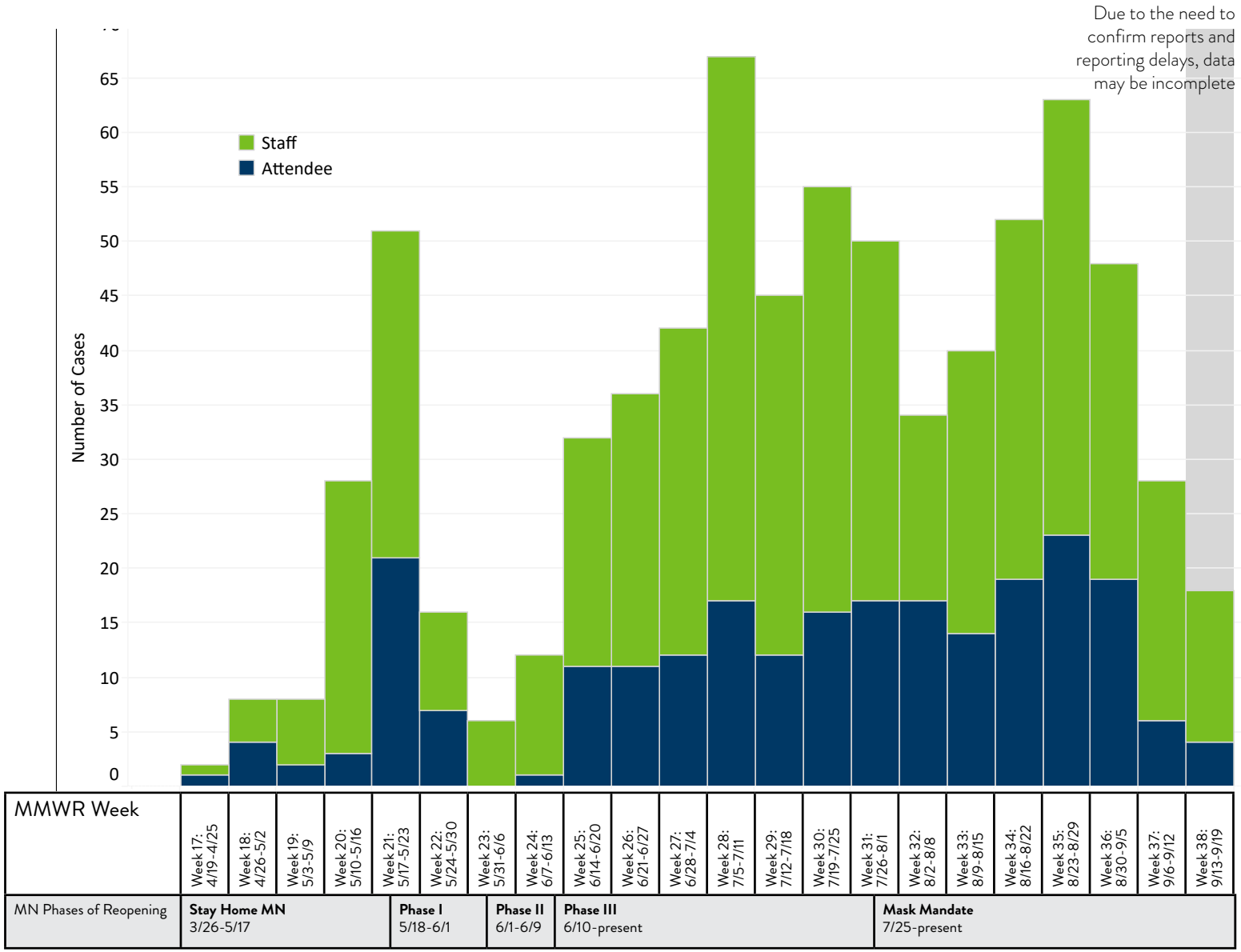
Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in the past 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. Cases by week are by specimen collection date.

511
Total Child Care Staff (cumulative)

242
Total Child Care Attendees (cumulative)

456
Total Child Care Programs (cumulative)

Confirmed cases per program	Programs	Percent
1 case	314	69%
2-4 cases	113	25%
≥5 cases	29	6%

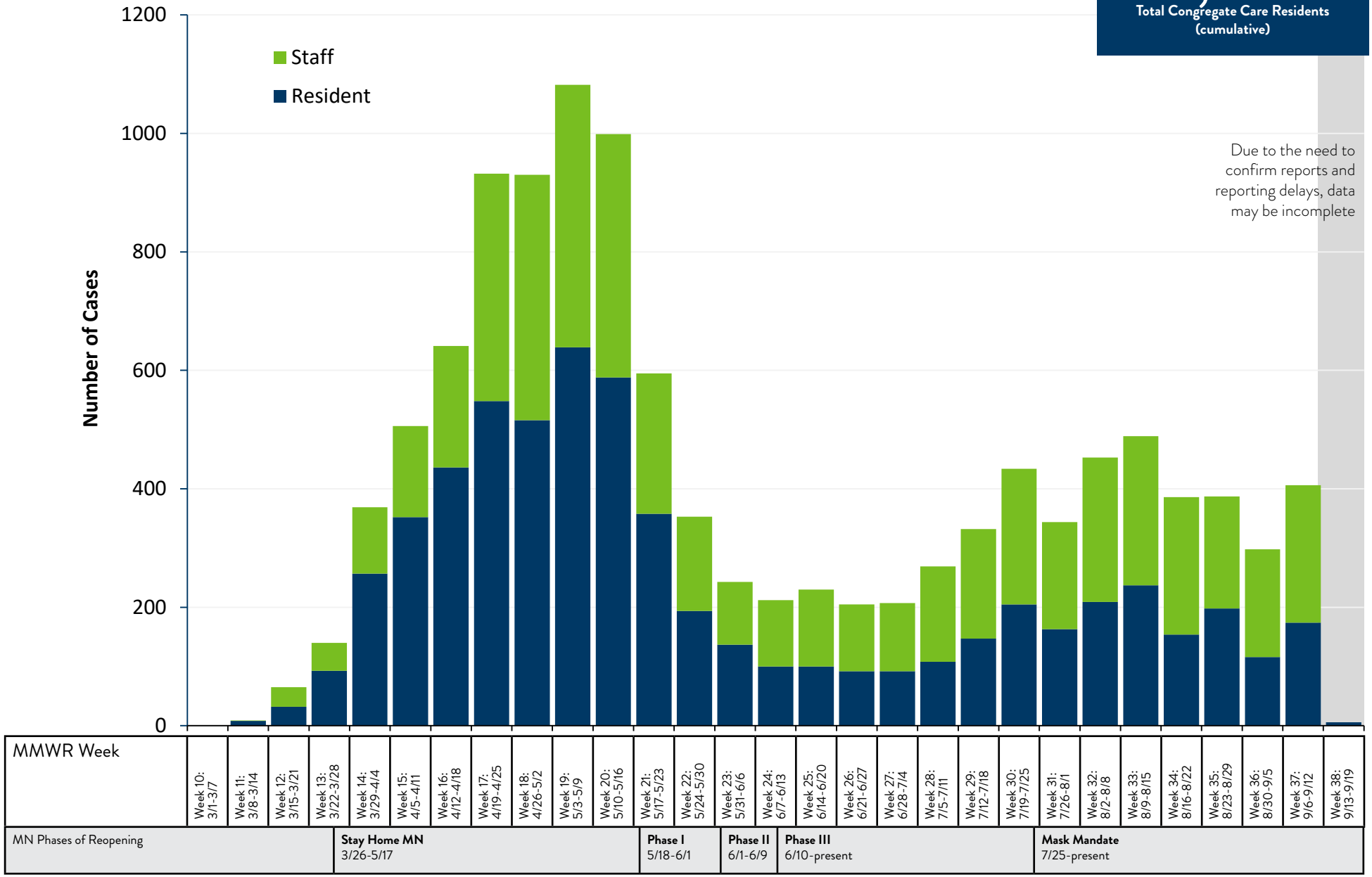


Cases Associated with Congregate Care Settings

Lab-confirmed cases of COVID-19 associated with staff and 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.

5,263
Total Congregate Care Staff (cumulative)

6,260
Total Congregate Care Residents (cumulative)

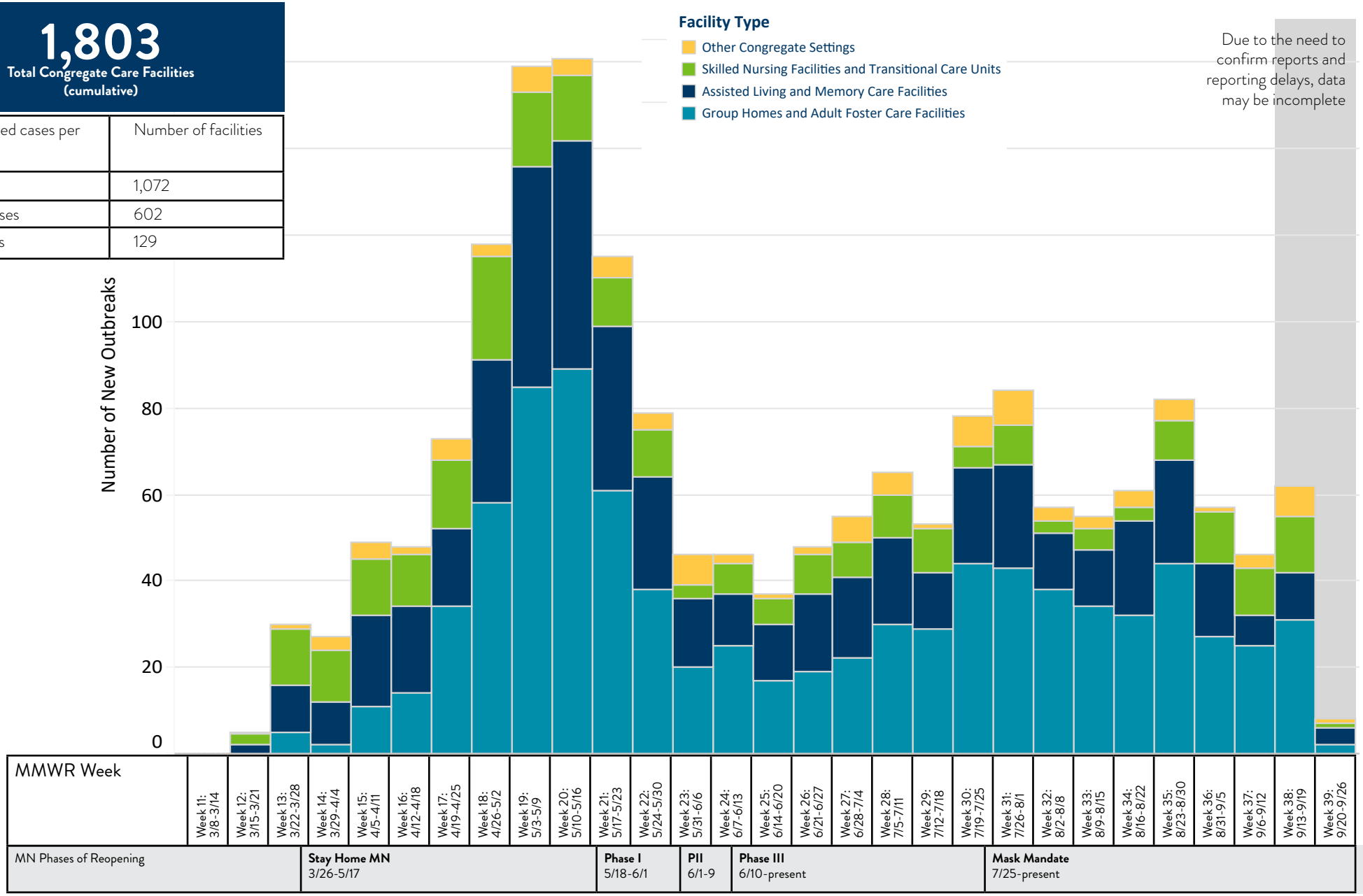


Congregate Care Facility Outbreaks

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.

1,803
Total Congregate Care Facilities (cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,072
3-20 cases	602
≥21 cases	129



- 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 avaialable in the Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Response Metrics: Testing and Interview Timing

Median number of days from specimen collection to interview (cumulative): **3**

28% of cases interviewed within 48 hours of case specimen collection (cumulative)

Median number of days from symptom onset to specimen collection (cumulative): **2**

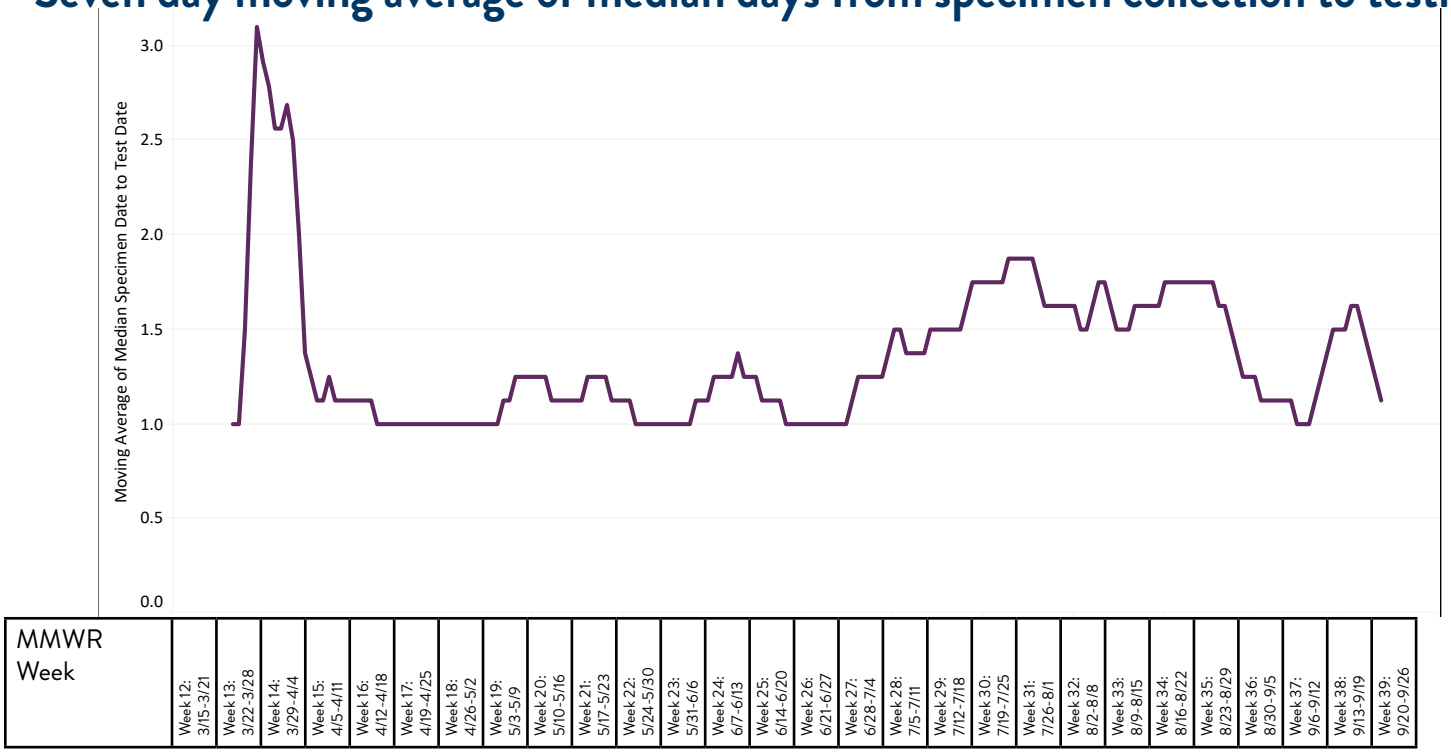
Median number of days from specimen collection to report date (cumulative): **2**

Median number of days from report date to interview (cumulative): **1**

Symptom onset → Specimen collection → Testing → Report to MDH → Interview

Median number of days from specimen collection to testing (cumulative): **1**

Seven day moving average of median days from specimen collection to testing



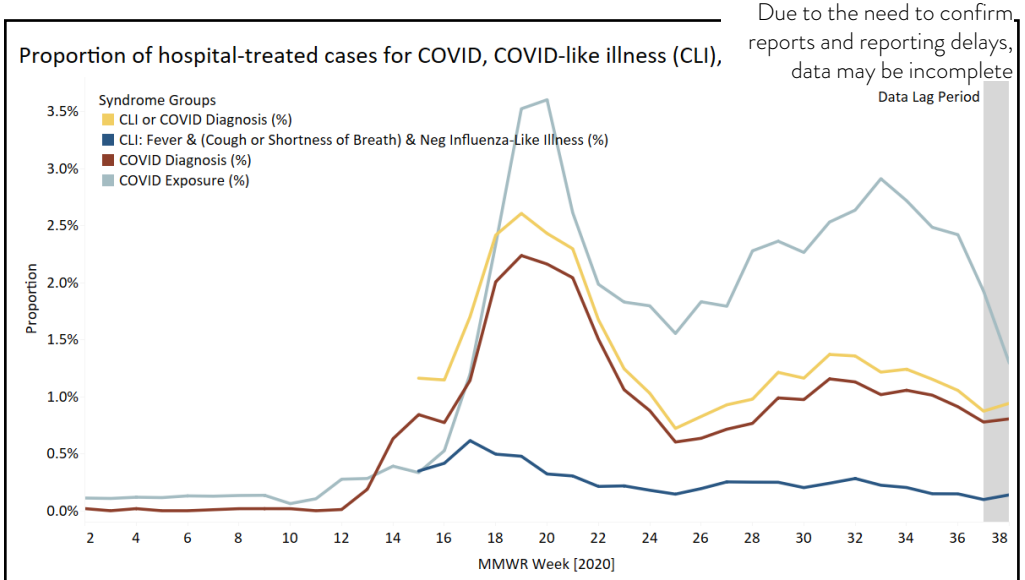
Syndromic Surveillance

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 September 20, 2020. Categories are based upon discharge diagnosis codes.

Through September 20, 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.



NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through September 20, 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. The gray bar indicates a one week lag period in the data.
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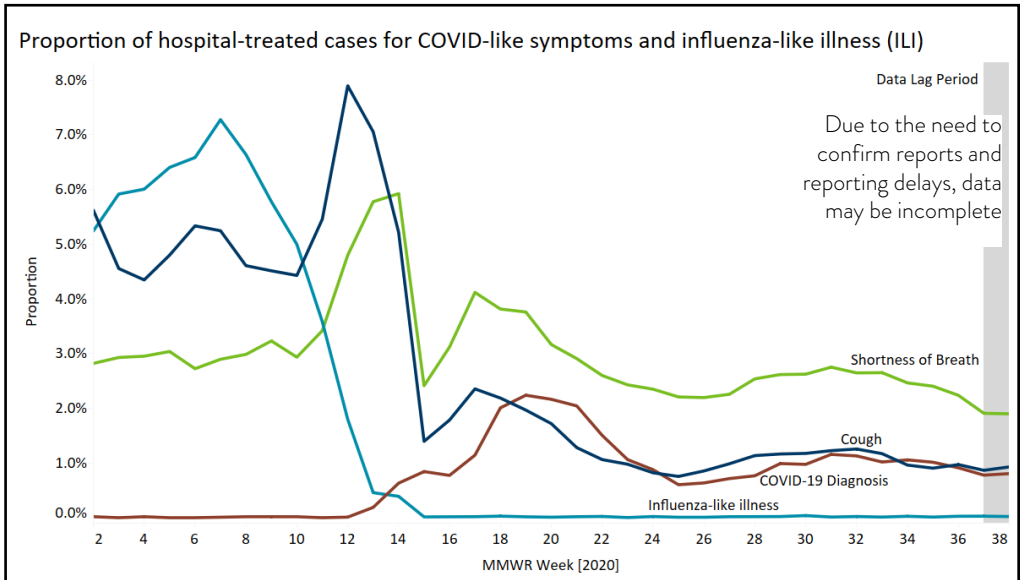

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