STAY SAFE MN

Minnesota Department of Health

WEEKLY COVID-19 REPORT

10/8/2020

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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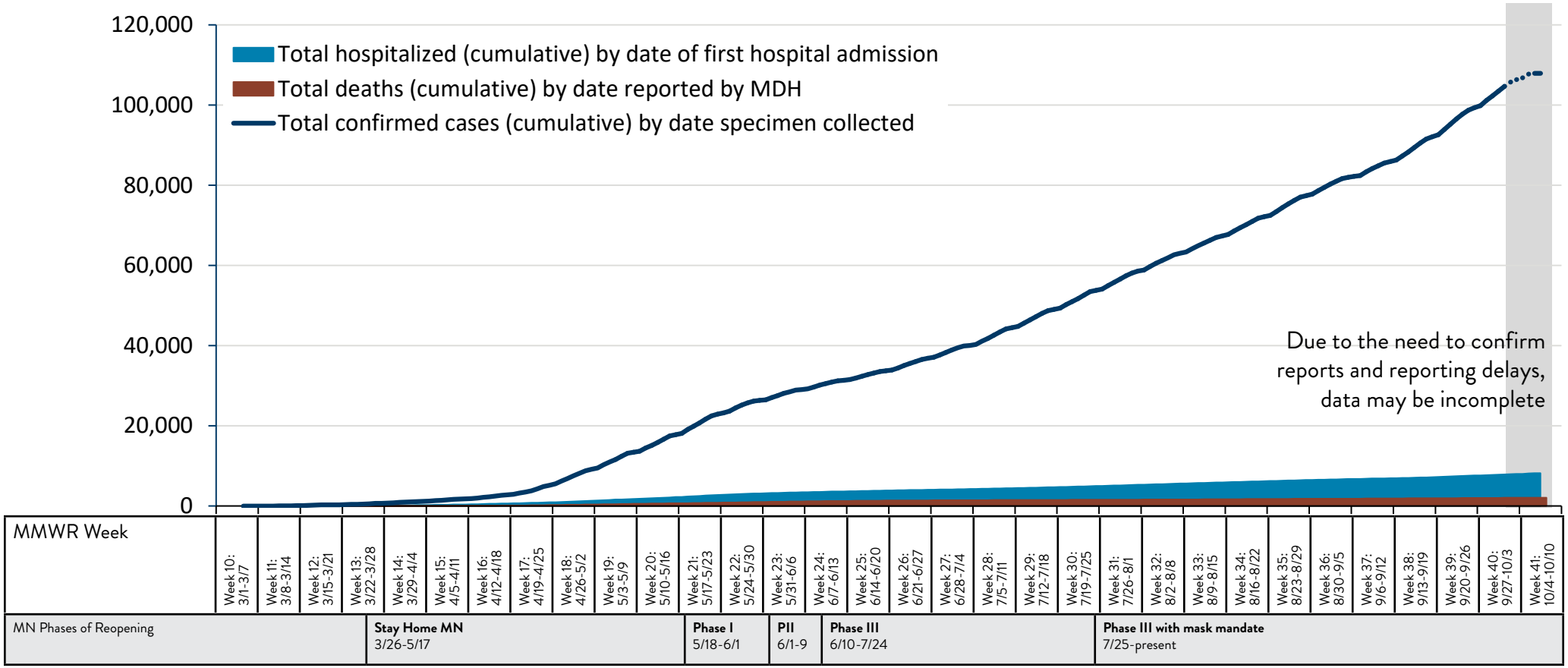
COVID-19 Overview Summary

2,224,194	107,922	8,187	2,245	2,107	97,254
Total Laboratory Tests (cumulative)	Total Confirmed Cases (cumulative)	Total Hospitalizations (cumulative)	Total ICU Hospitalizations (cumulative)	Total Deaths (cumulative)	No Longer Needing Isolation (cumulative)

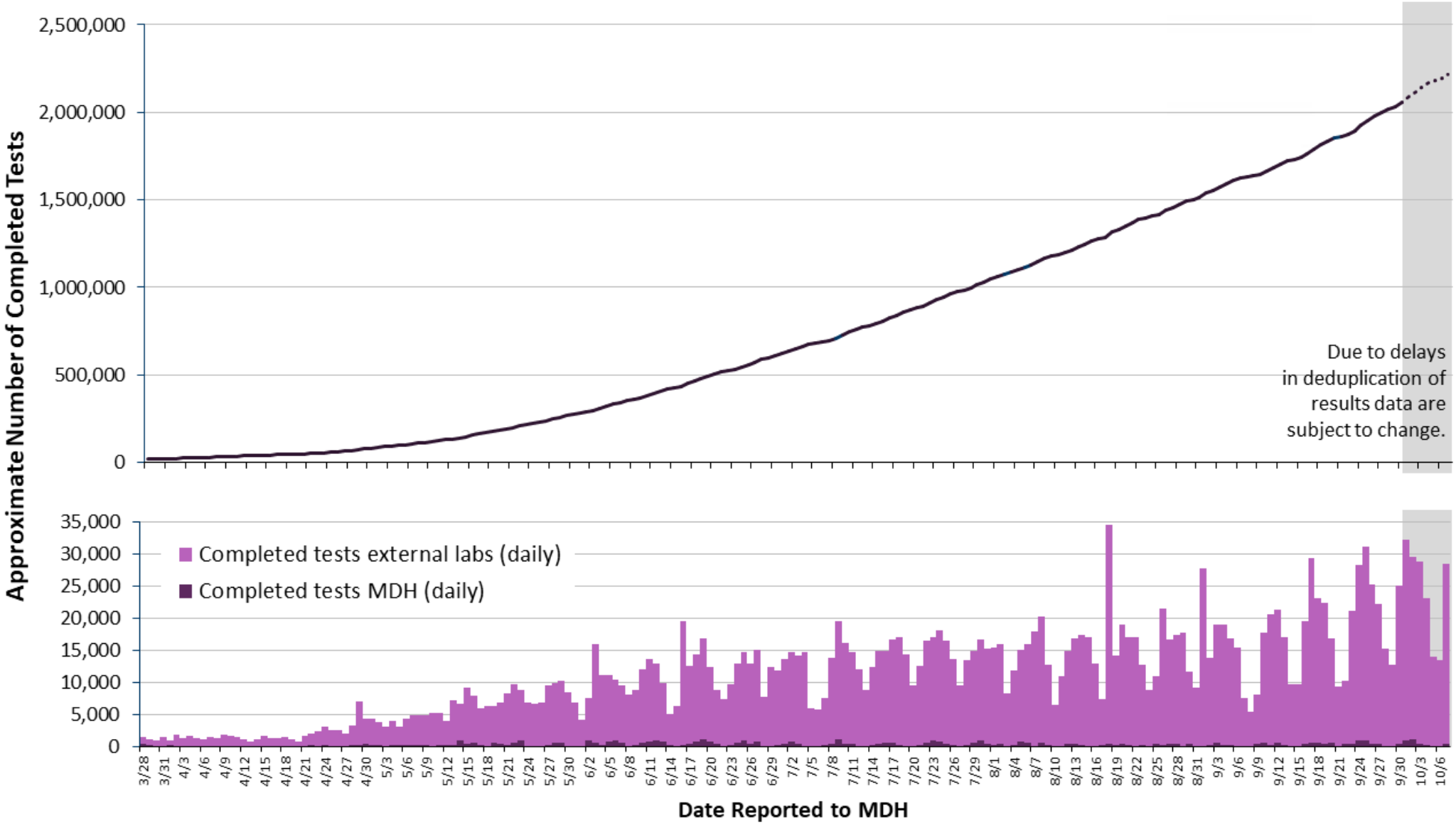


- More information on the MN Phases of Reopening can be found in the Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)
- Detailed data for this chart is outlined in the following pages. Current data: Minnesota Situation Update for Coronavirus Disease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

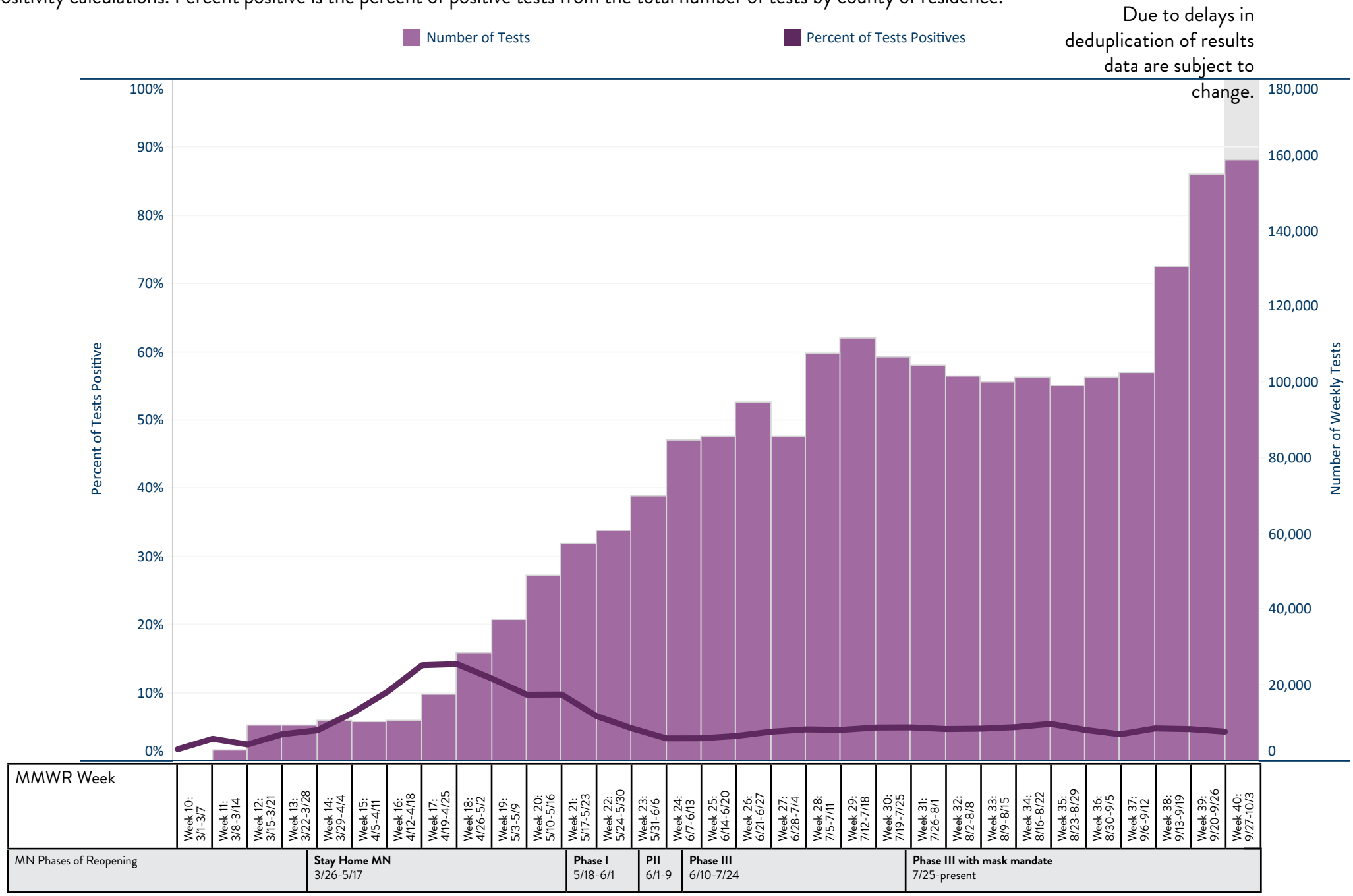
2,224,194
Total Laboratory Tests
(cumulative)



- 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

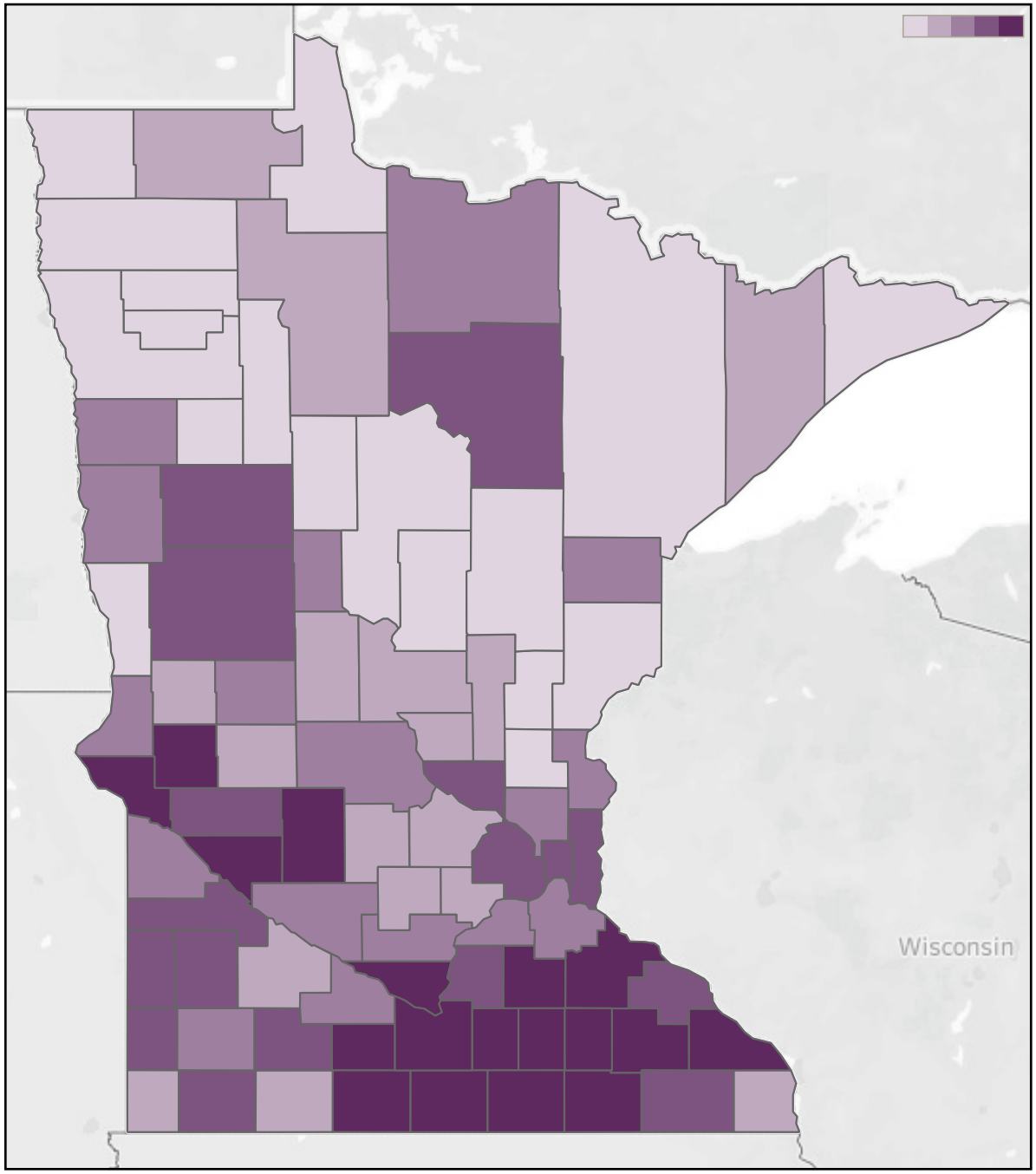
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county of residence.



Laboratory Test Rates by County of Residence

3,964
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.

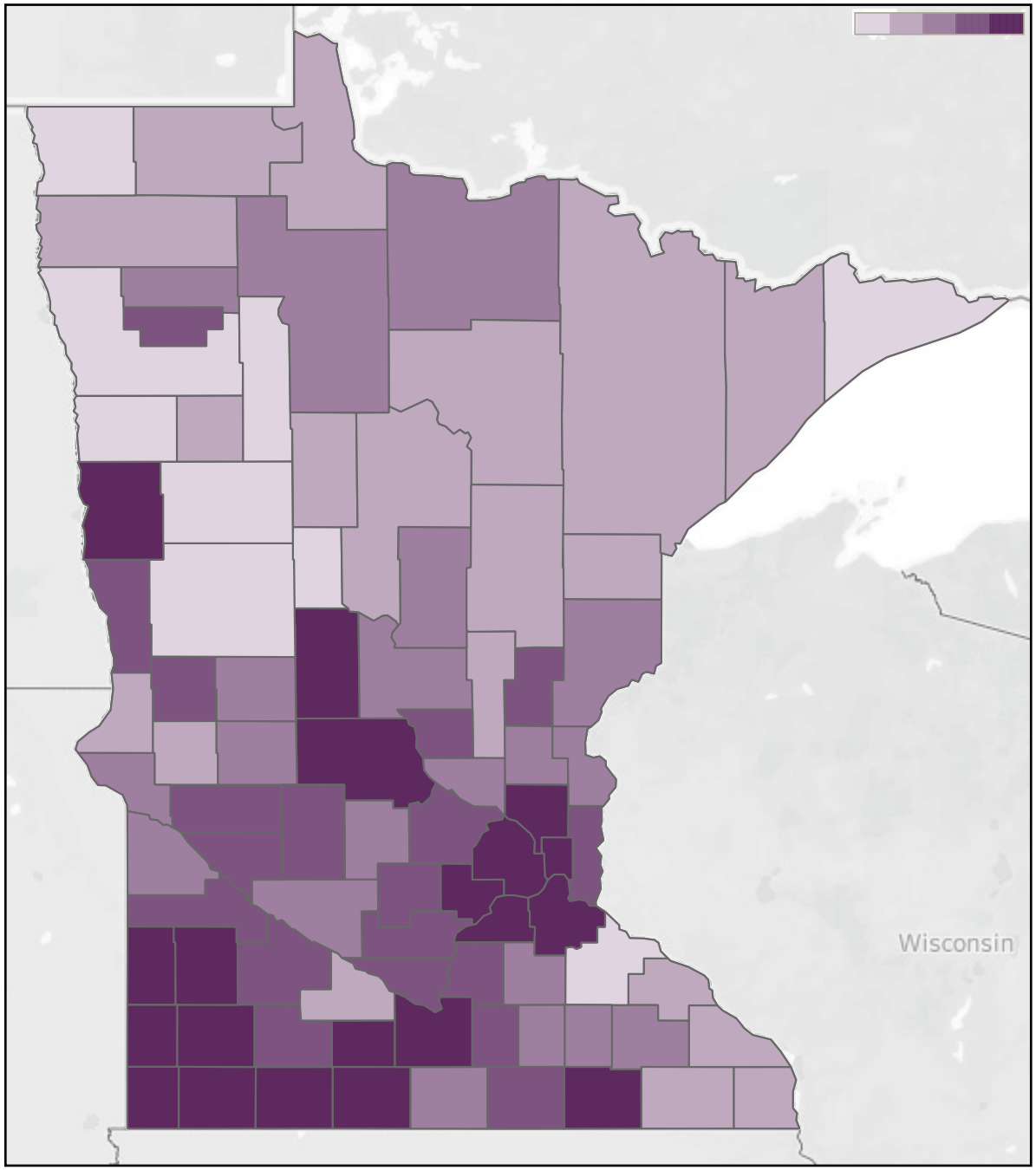


County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	3,328	2,102	Martin	9,642	4,830
Anoka	113,830	3,276	McLeod	10,937	3,053
Becker	14,100	4,175	Meeker	6,434	2,788
Beltrami	12,955	2,809	Mille Lacs	7,590	2,950
Benton	12,700	3,193	Morrison	10,428	3,165
Big Stone	2,703	5,389	Mower	25,807	6,517
Blue Earth	31,814	4,797	Murray	2,828	3,386
Brown	8,090	3,209	Nicollet	14,751	4,366
Carlton	12,322	3,467	Nobles	8,926	4,087
Carver	27,394	2,728	Norman	2,252	3,433
Cass	6,965	2,400	Olmsted	77,694	5,076
Chippewa	6,188	5,152	Otter Tail	22,166	3,822
Chisago	17,805	3,253	Pennington	3,627	2,557
Clay	22,063	3,513	Pine	7,779	2,671
Clearwater	1,905	2,162	Pipestone	3,793	4,130
Cook	1,349	2,540	Polk	7,988	2,529
Cottonwood	4,487	3,946	Pope	3,318	3,022
Crow Wing	16,873	2,642	Ramsey	202,906	3,747
Dakota	139,245	3,330	Red Lake	894	2,231
Dodge	9,253	4,496	Redwood	4,362	2,845
Douglas	11,970	3,217	Renville	5,383	3,657
Faribault	6,115	4,401	Rice	41,606	6,326
Fillmore	7,742	3,706	Rock	3,013	3,201
Freeborn	14,520	4,757	Roseau	4,613	2,983
Goodhue	19,725	4,268	Scott	47,494	3,313
Grant	1,747	2,942	Sherburne	38,281	4,106
Hennepin	472,455	3,824	Sibley	5,084	3,409
Houston	5,168	2,769	St. Louis	70,880	3,543
Hubbard	4,519	2,166	Stearns	56,732	3,618
Isanti	8,936	2,293	Steele	16,437	4,482
Itasca	17,729	3,922	Stevens	4,100	4,191
Jackson	2,871	2,858	Swift	3,593	3,818
Kanabec	3,519	2,199	Todd	7,696	3,149
Kandiyohi	21,962	5,148	Traverse	1,139	3,413
Kittson	867	1,999	Wabasha	8,706	4,049
Koochiching	4,123	3,261	Wadena	5,004	3,667
Lac qui Parle	2,252	3,325	Waseca	10,326	5,490
Lake	3,042	2,878	Washington	96,309	3,802
Lake of the Woods	874	2,295	Watonwan	5,623	5,124
Le Sueur	10,882	3,889	Wilkin	1,624	2,560
Lincoln	2,093	3,667	Winona	27,400	5,389
Lyon	9,828	3,804	Wright	36,380	2,741
Mahnomen	1,498	2,721	Yellow Medicine	3,994	4,047
Marshall	2,127	2,265	Unknown/missing	153,700	

Percent of Tests Positive by County of Residence

5.2%
% positive statewide

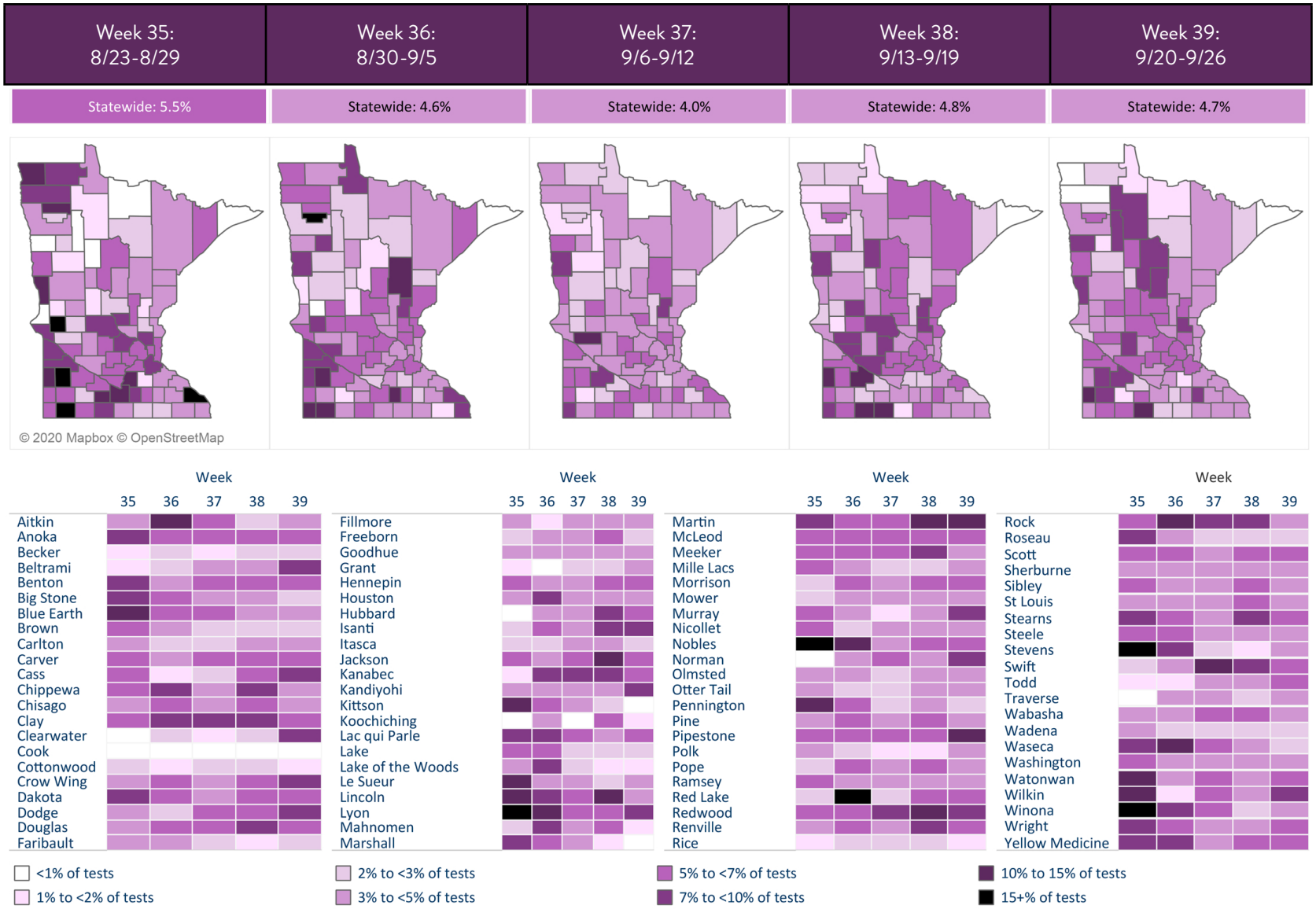
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.



County	% Positive	County	% Positive
Aitkin	3.1%	Martin	6.1%
Anoka	6.3%	McLeod	4.5%
Becker	2.1%	Meeker	4.3%
Beltrami	4.1%	Mille Lacs	2.9%
Benton	5.3%	Morrison	3.5%
Big Stone	3.4%	Mower	6.0%
Blue Earth	5.8%	Murray	6.8%
Brown	2.9%	Nicollet	4.6%
Carlton	2.7%	Nobles	22.6%
Carver	6.0%	Norman	2.6%
Cass	3.4%	Olmsted	4.2%
Chippewa	4.5%	Otter Tail	2.4%
Chisago	3.5%	Pennington	3.4%
Clay	6.3%	Pine	3.7%
Clearwater	2.0%	Pipestone	7.8%
Cook	0.5%	Polk	2.1%
Cottonwood	5.5%	Pope	3.5%
Crow Wing	3.7%	Ramsey	6.5%
Dakota	6.2%	Red Lake	4.5%
Dodge	3.6%	Redwood	4.8%
Douglas	4.0%	Renville	3.8%
Faribault	3.4%	Rice	3.7%
Fillmore	2.8%	Rock	6.1%
Freeborn	4.4%	Roseau	3.2%
Goodhue	2.4%	Scott	6.1%
Grant	4.3%	Sherburne	3.9%
Hennepin	6.8%	Sibley	4.9%
Houston	3.0%	St. Louis	2.9%
Hubbard	2.8%	Stearns	7.8%
Isanti	4.1%	Steele	4.3%
Itasca	2.9%	Stevens	3.3%
Jackson	6.6%	Swift	4.6%
Kanabec	4.3%	Todd	7.7%
Kandiyohi	5.7%	Traverse	2.7%
Kittson	1.7%	Wabasha	3.0%
Koochiching	3.5%	Wadena	1.9%
Lac qui Parle	4.0%	Waseca	4.8%
Lake	2.9%	Washington	4.8%
Lake of the Woods	3.3%	Watonwan	9.3%
Le Sueur	5.2%	Wilkin	4.9%
Lincoln	6.1%	Winona	3.3%
Lyon	8.6%	Wright	5.2%
Mahnomen	2.7%	Yellow Medicine	5.8%
Marshall	2.7%	Unknown/missing	0.7%

Weekly Percent of Tests Positive by County of Residence

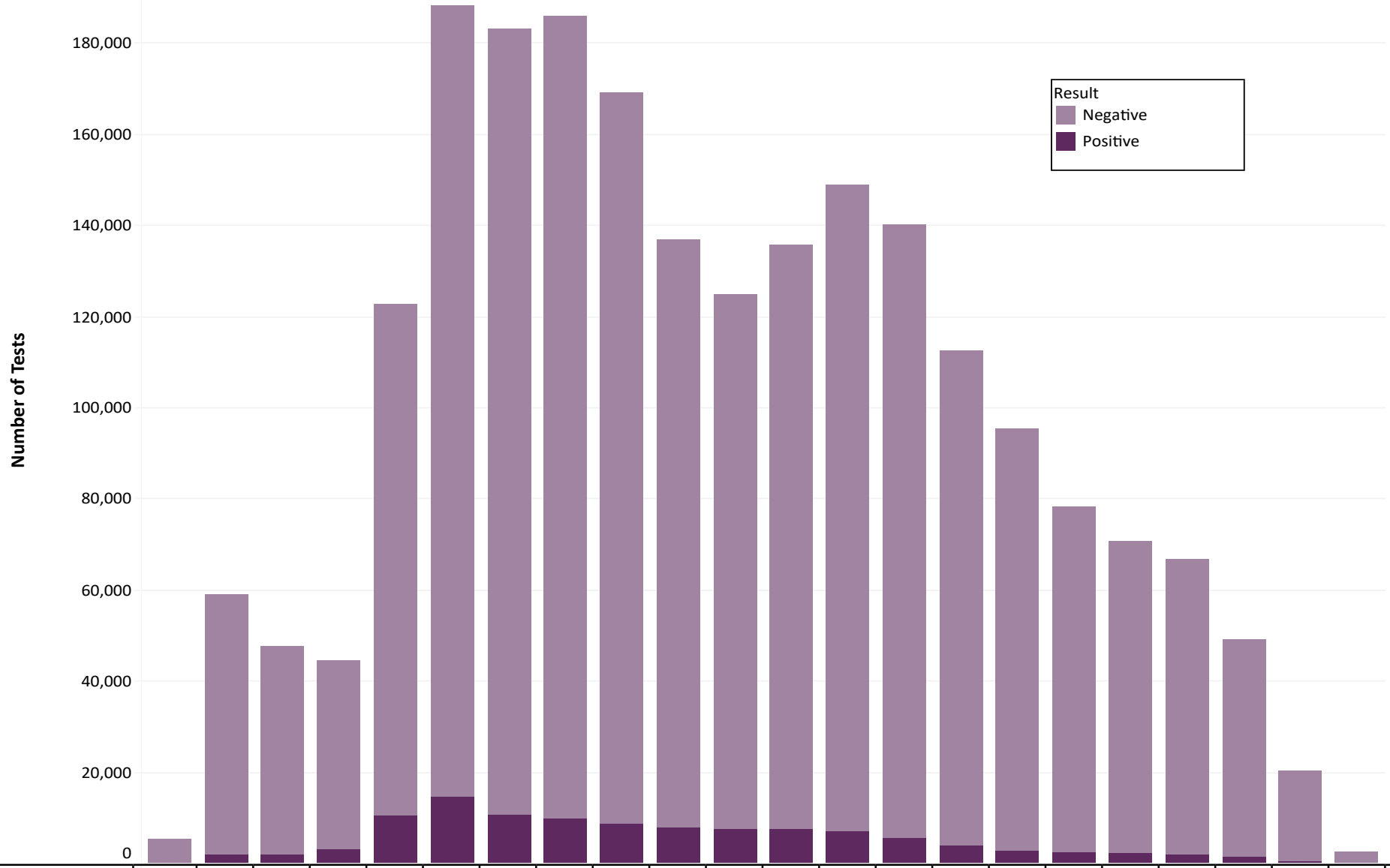
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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

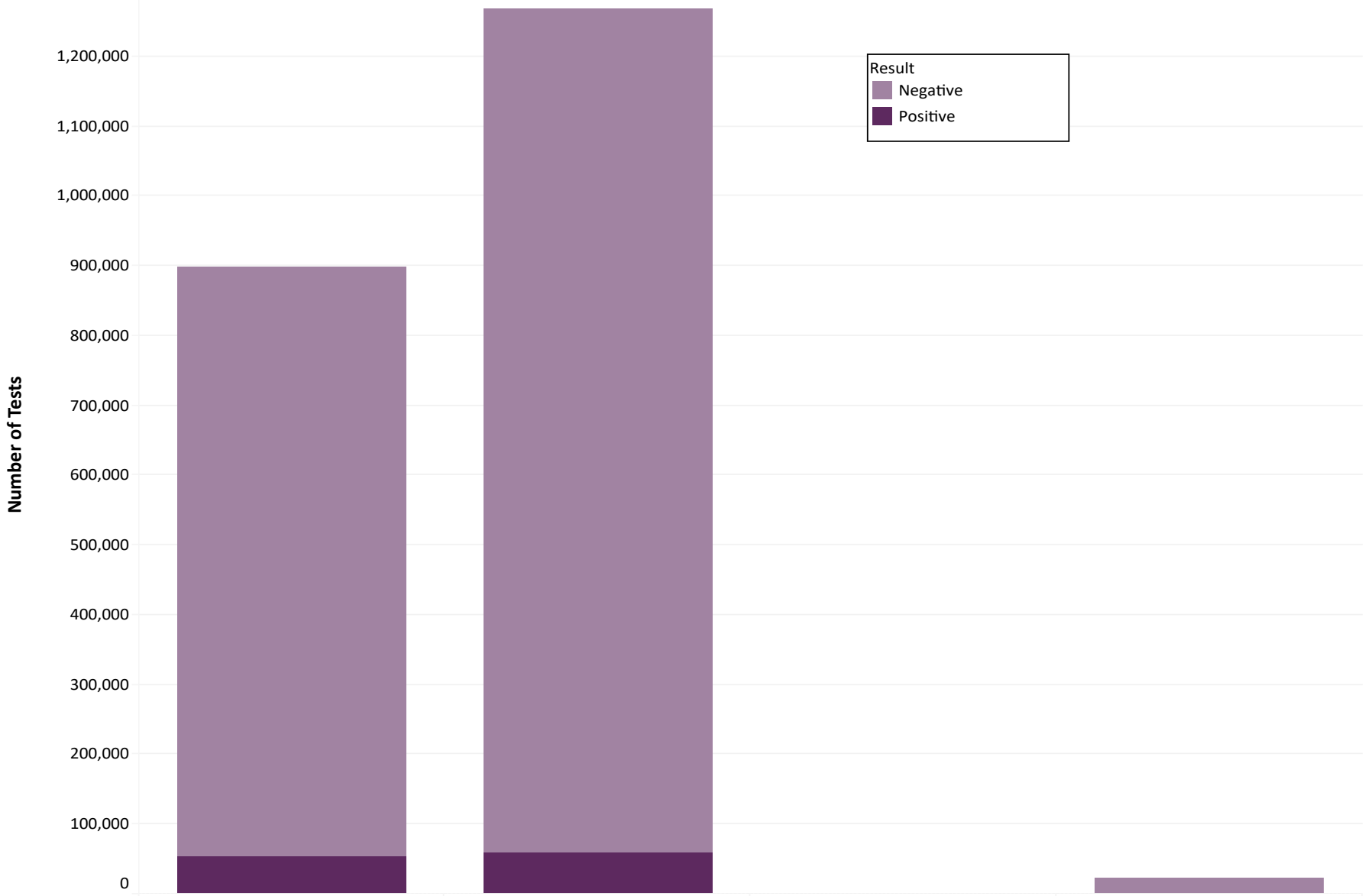
Number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).



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	184	2,091	2,030	3,095	10,394	14,885	10,826	9,887	8,879	7,924	7,674	7,672	7,003	5,675	3,977	2,967	2,480	2,228	1,919	1,315	587	55	113,747
Negative	5,270	57,107	45,581	41,434	112,473	173,442	172,544	176,265	160,330	128,926	117,427	127,998	141,843	134,563	108,432	92,441	75,994	68,443	64,776	47,854	19,847	2,471	2,075,461

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).

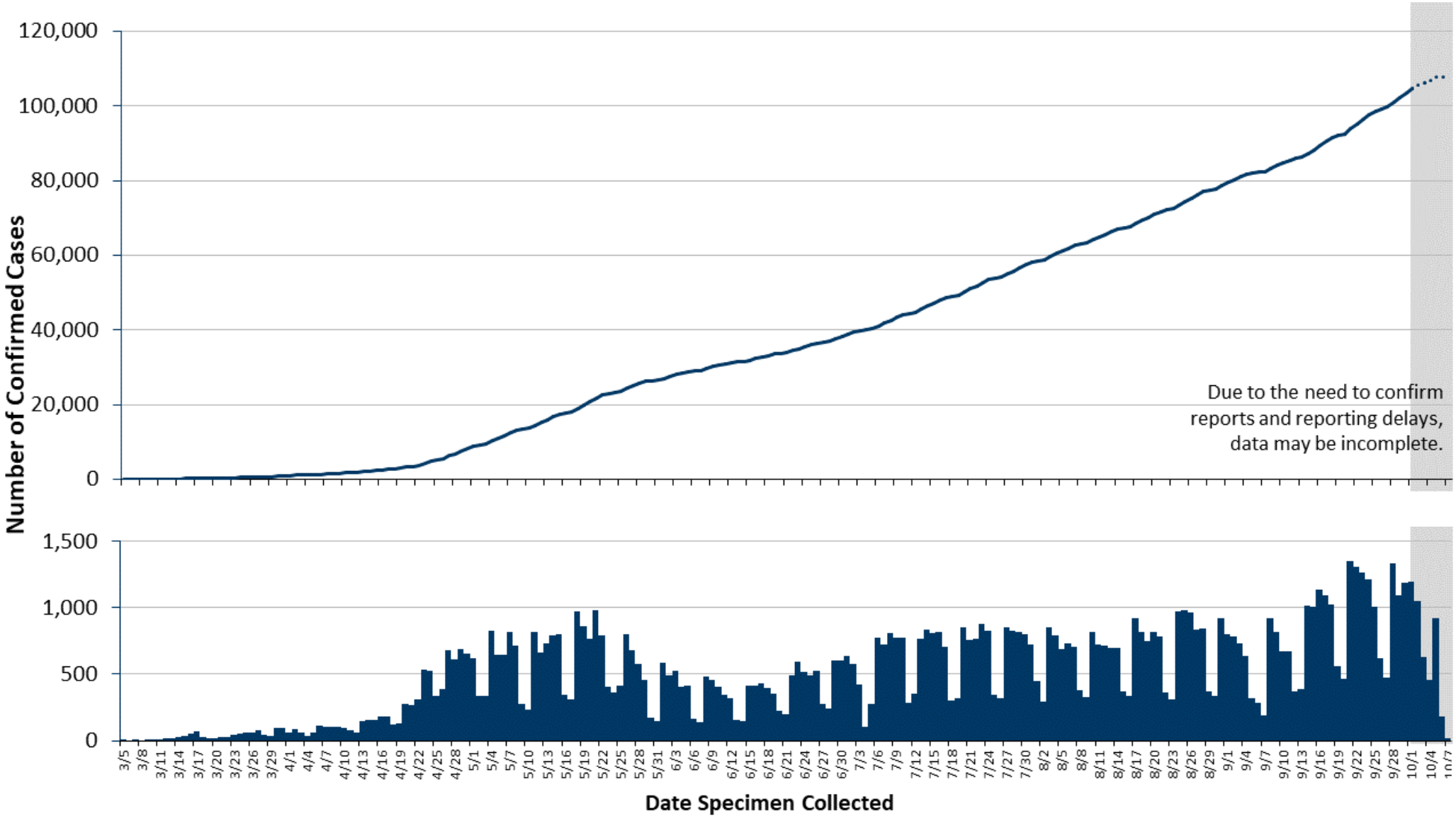


Gender	Male	Female	Other	Unk./missing	Total
Positive	54,420	58,711	2	614	113,747
Negative	844,473	1,209,703	1	21,284	2,075,461

Laboratory Confirmed Cases

107,922
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.

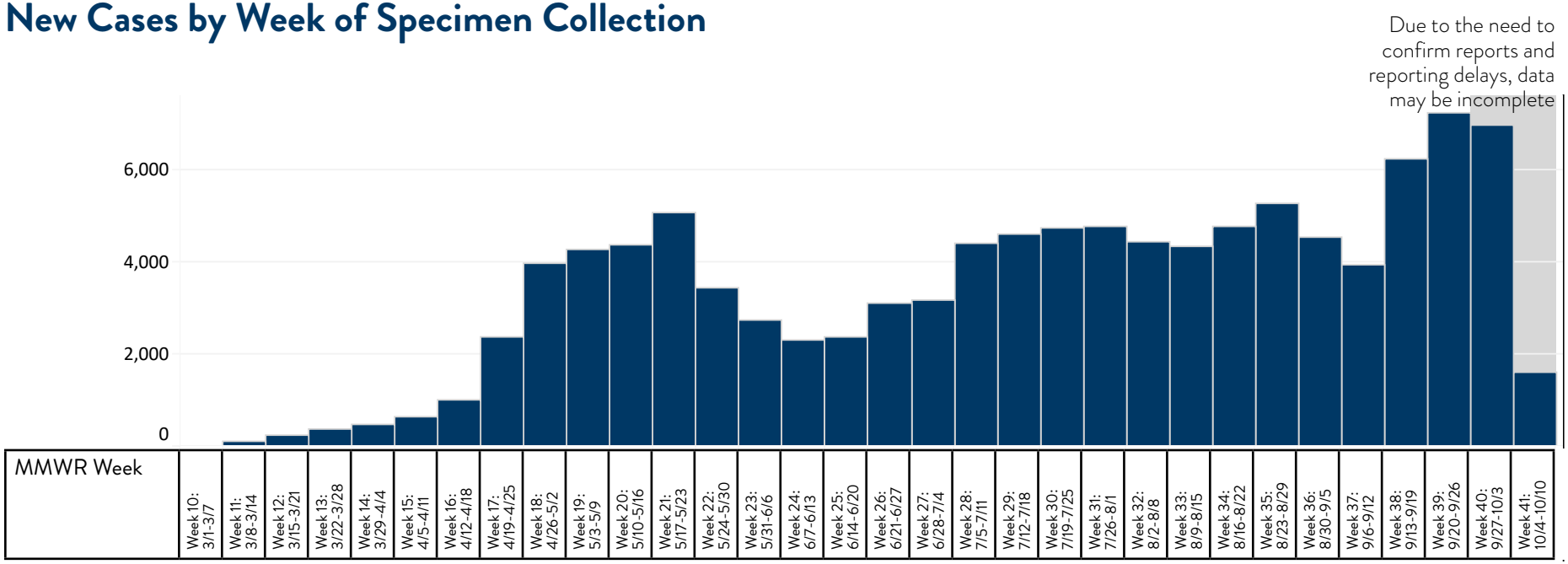


- Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

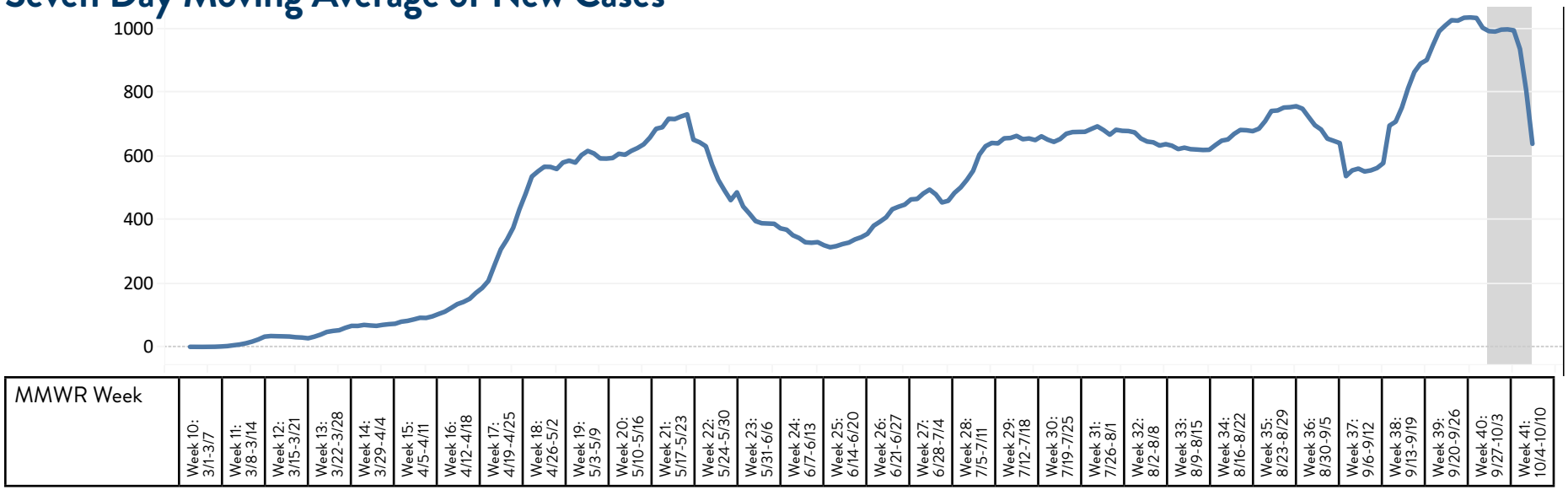
New Cases by Week, 7-Day Average

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

New Cases by Week of Specimen Collection

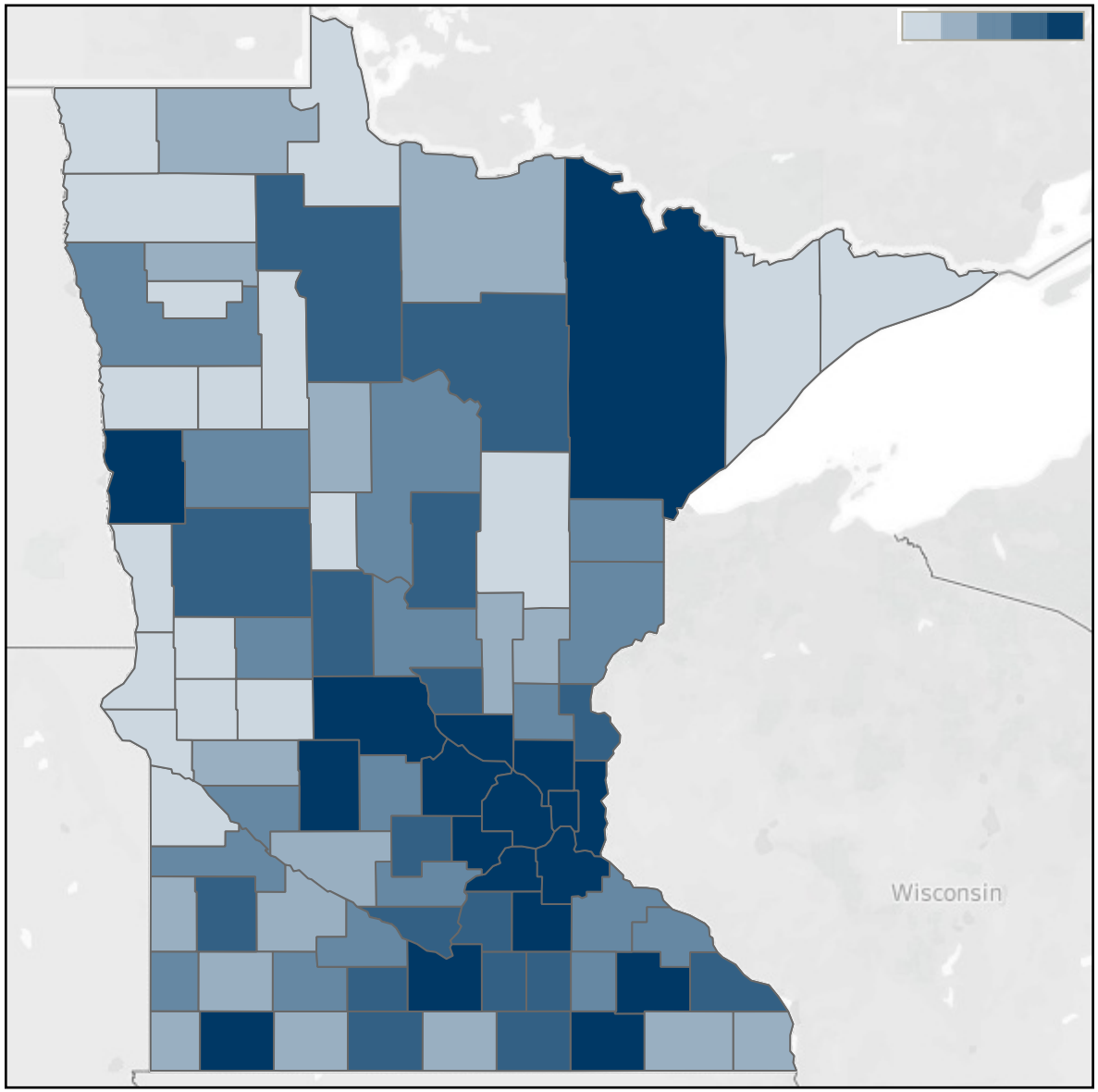


Seven Day Moving Average of New Cases



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)

107,922
Total Confirmed Cases (cumulative)

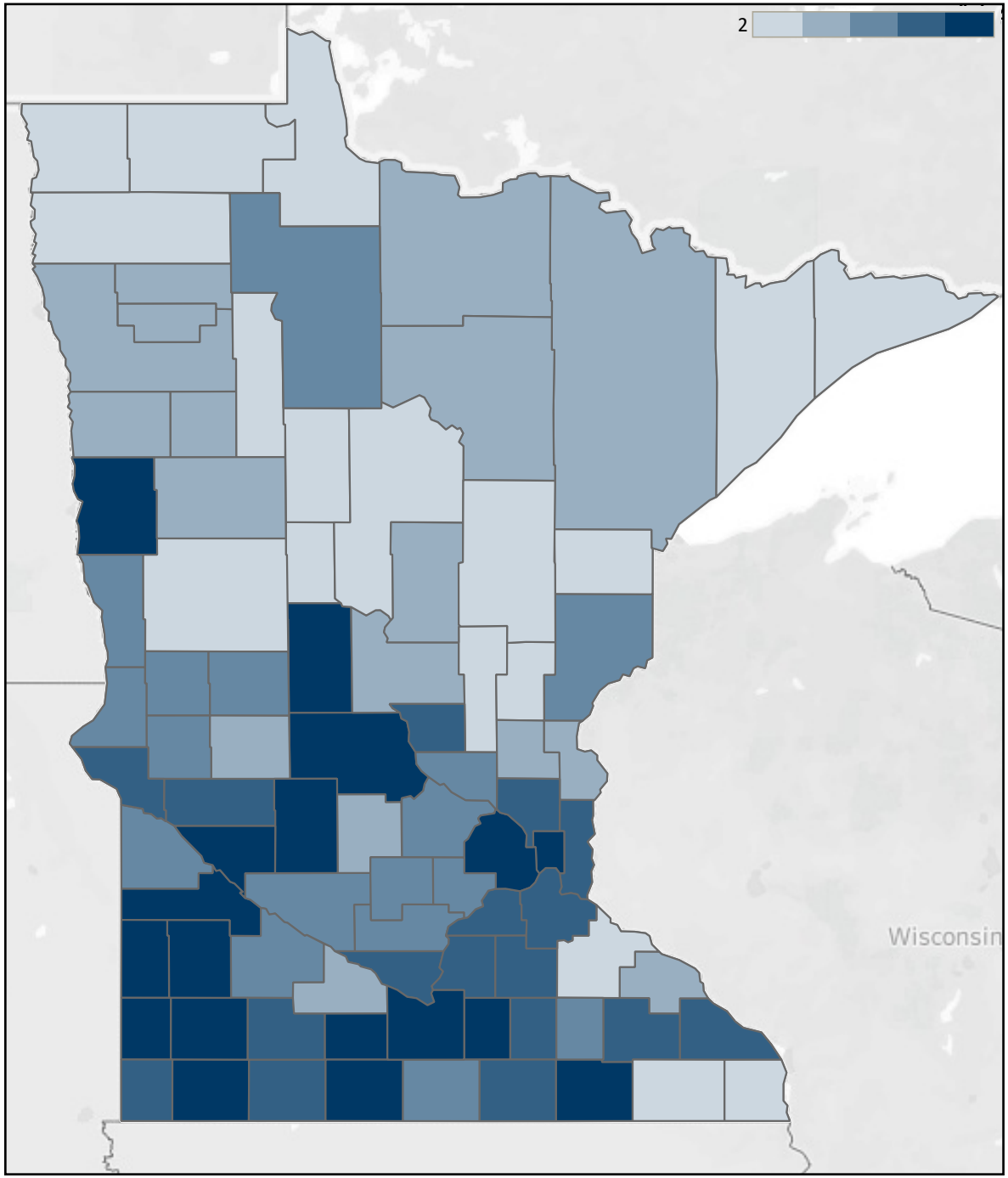
97,254
No Longer Needing Isolation (cumulative)

County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	108	87	Martin	531	439
Anoka	6,958	6,237	McLeod	521	501
Becker	342	284	Meeker	253	212
Beltrami	594	463	Mille Lacs	207	170
Benton	655	569	Morrison	379	278
Big Stone	100	83	Mower	1,395	1,340
Blue Earth	1,846	1,742	Murray	203	175
Brown	239	203	Nicollet	613	530
Carlton	326	284	Nobles	2,024	1,967
Carver	1,545	1,445	Norman	74	59
Cass	238	189	Olmsted	2,751	2,503
Chippewa	284	233	Otter Tail	548	468
Chisago	630	524	Pennington	140	119
Clay	1,647	1,419	Pine	439	354
Clearwater	39	34	Pipestone	292	227
Cook	7	7	Polk	376	332
Cottonwood	243	229	Pope	115	100
Crow Wing	692	544	Ramsey	11,916	10,909
Dakota	8,200	7,610	Red Lake	46	44
Dodge	305	260	Redwood	213	174
Douglas	469	354	Renville	191	159
Faribault	170	147	Rice	1,428	1,346
Fillmore	188	132	Rock	199	181
Freeborn	576	544	Roseau	146	135
Goodhue	431	375	Scott	2,822	2,635
Grant	71	62	Sherburne	1,300	1,175
Hennepin	29,404	26,834	Sibley	215	198
Houston	156	133	St. Louis	2,081	1,709
Hubbard	184	124	Stearns	4,508	4,117
Isanti	374	323	Steele	614	555
Itasca	496	340	Stevens	130	106
Jackson	165	152	Swift	160	145
Kanabec	151	123	Todd	559	512
Kandiyohi	1,210	1,059	Traverse	45	37
Kittson	15	12	Wabasha	248	205
Koochiching	135	119	Wadena	105	75
Lac qui Parle	93	71	Waseca	840	738
Lake	82	63	Washington	4,315	3,901
Lake of the Woods	34	22	Watonwan	548	529
Le Sueur	515	471	Wilkin	88	69
Lincoln	136	118	Winona	1,037	906
Lyon	808	732	Wright	1,915	1,711
Mahnomen	64	47	Yellow Medicine	229	198
Marshall	62	52	Unknown/missing	176	156

Cumulative Case Rate by County of Residence

195
cases per 10,000 people

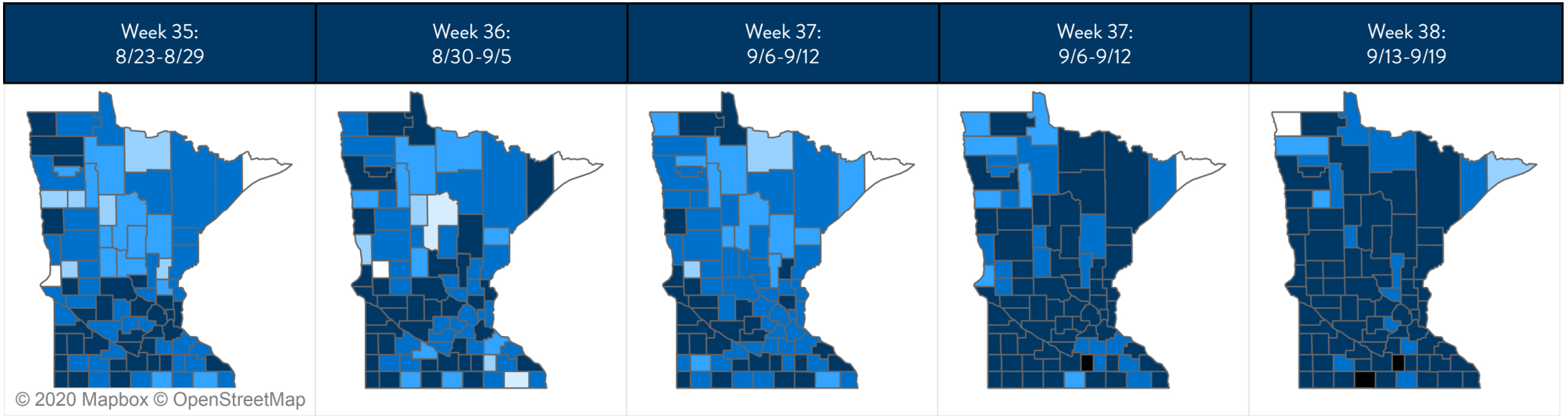
Cumulative number of cases by county of residence per 10,000 people.

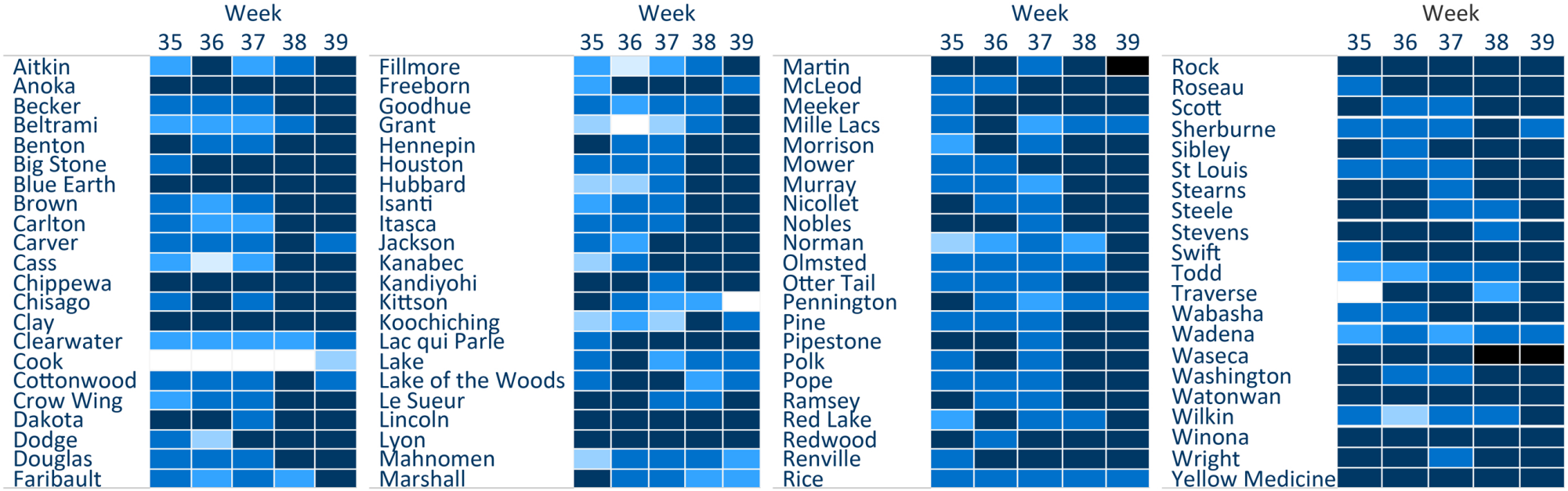


County	Cumulative Rate	County	Cumulative Rate
Aitkin	68	Martin	266
Anoka	200	McLeod	145
Becker	101	Meeker	110
Beltrami	129	Mille Lacs	80
Benton	165	Morrison	115
Big Stone	199	Mower	352
Blue Earth	278	Murray	243
Brown	95	Nicollet	181
Carlton	92	Nobles	927
Carver	154	Norman	113
Cass	82	Olmsted	180
Chippewa	236	Otter Tail	94
Chisago	115	Pennington	99
Clay	262	Pine	151
Clearwater	44	Pipestone	318
Cook	13	Polk	119
Cottonwood	214	Pope	105
Crow Wing	108	Ramsey	220
Dakota	196	Red Lake	115
Dodge	148	Redwood	139
Douglas	126	Renville	130
Faribault	122	Rice	217
Fillmore	90	Rock	211
Freeborn	189	Roseau	94
Goodhue	93	Scott	197
Grant	120	Sherburne	139
Hennepin	238	Sibley	144
Houston	84	St. Louis	104
Hubbard	88	Stearns	287
Isanti	96	Steele	167
Itasca	110	Stevens	133
Jackson	164	Swift	170
Kanabec	94	Todd	229
Kandiyohi	284	Traverse	135
Kittson	35	Wabasha	115
Koochiching	107	Wadena	77
Lac qui Parle	137	Waseca	447
Lake	78	Washington	170
Lake of the Woods	89	Watonwan	499
Le Sueur	184	Wilkin	139
Lincoln	238	Winona	204
Lyon	313	Wright	144
Mahnomen	116	Yellow Medicine	232
Marshall	66		

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.



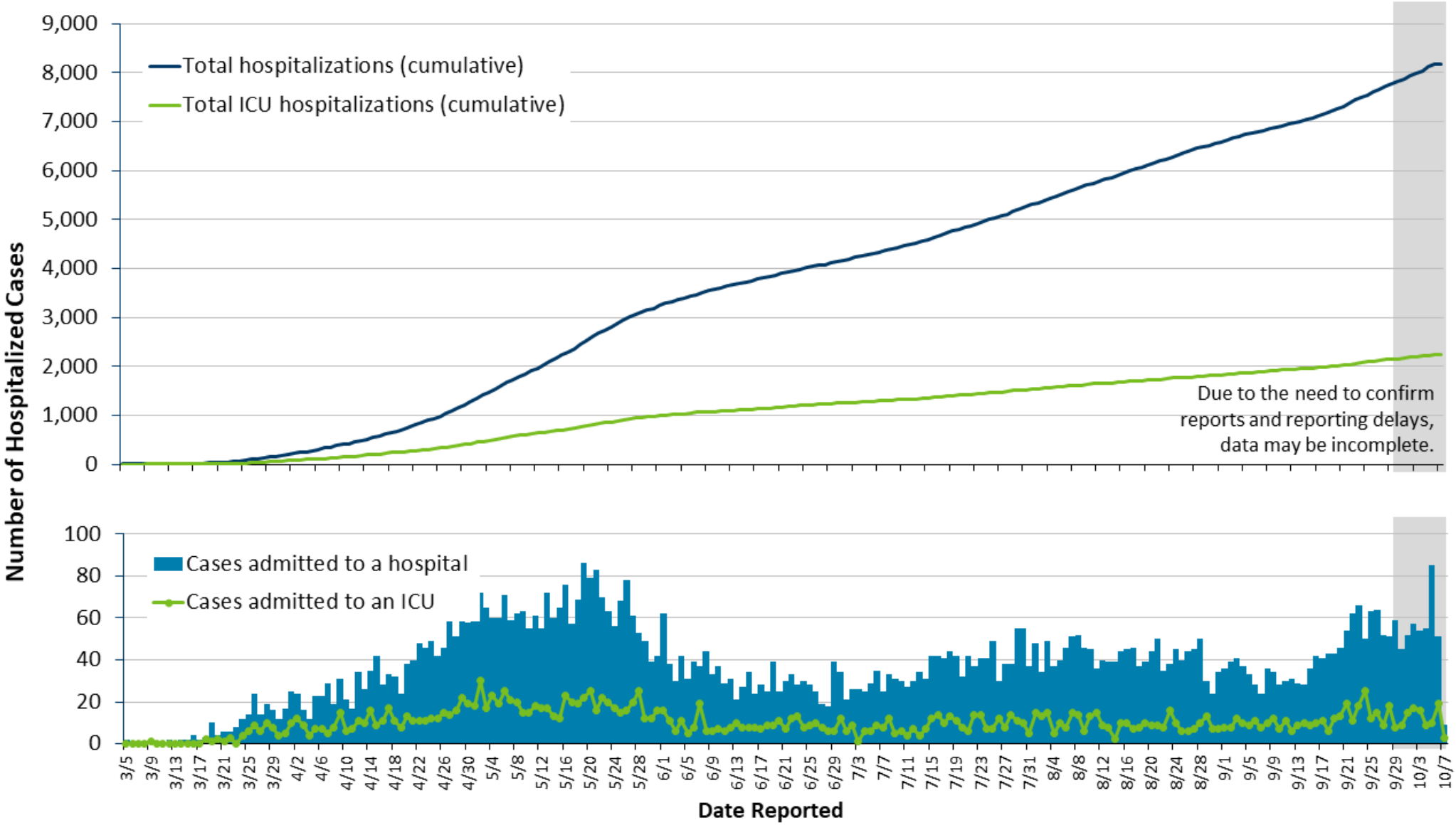


- Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

8,187
Total Hospitalizations (cumulative)

2,245
Total ICU Hospitalizations (cumulative)

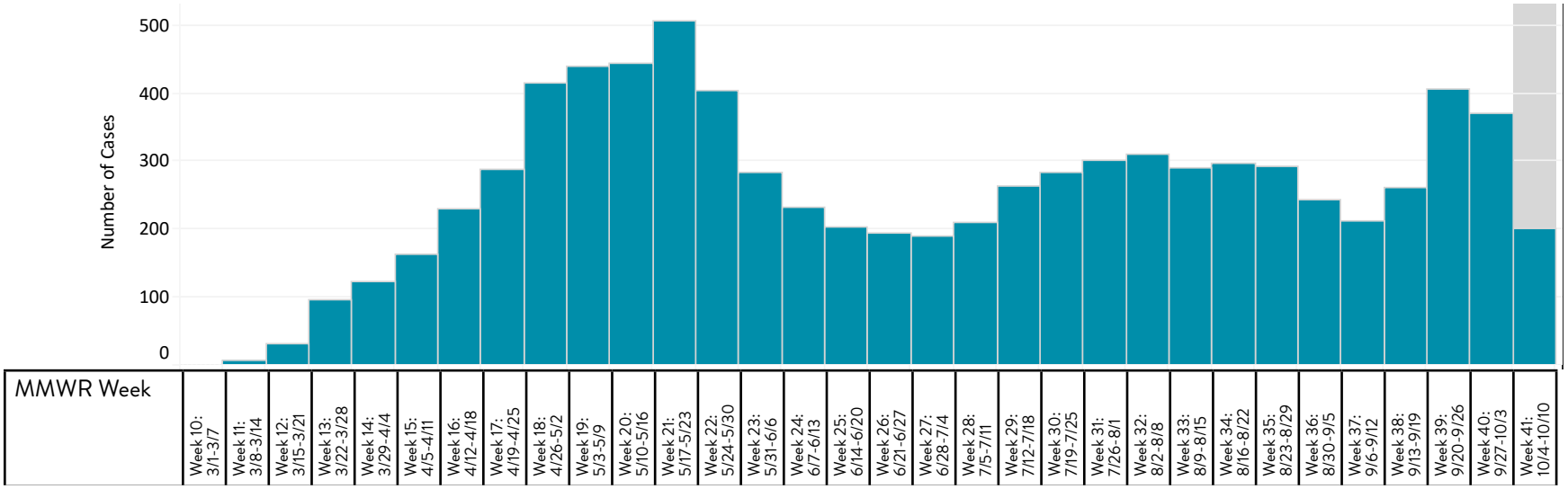


- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

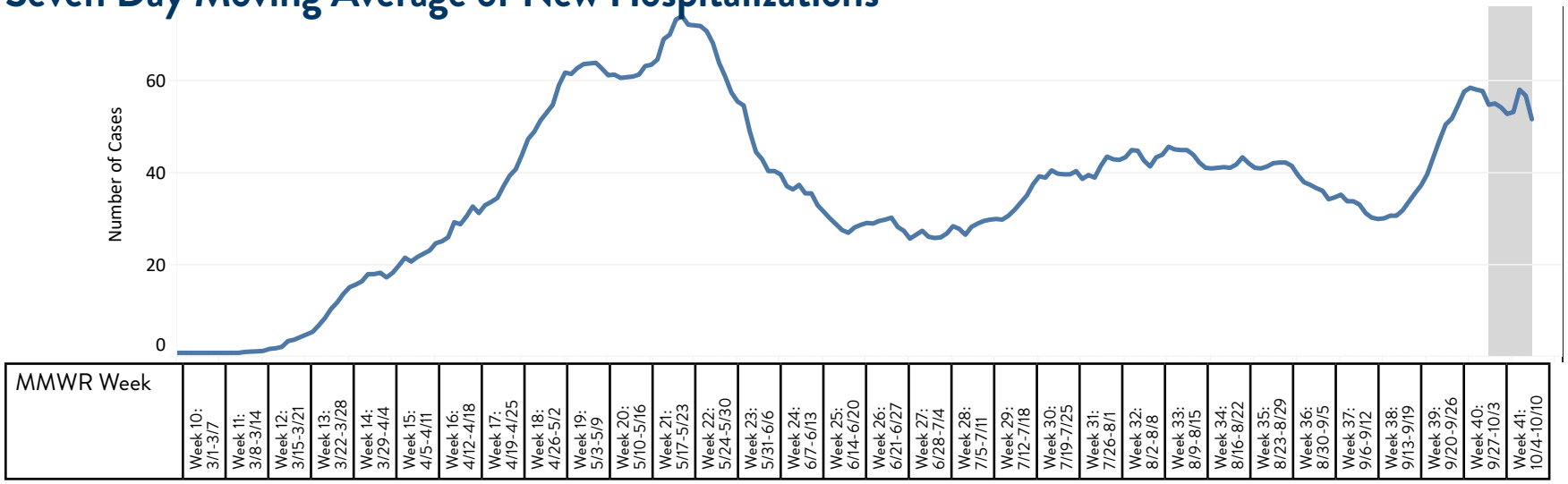
Hospitalizations by Week, 7-Day Average

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

New Hospitalization by Week First Hospital Admission



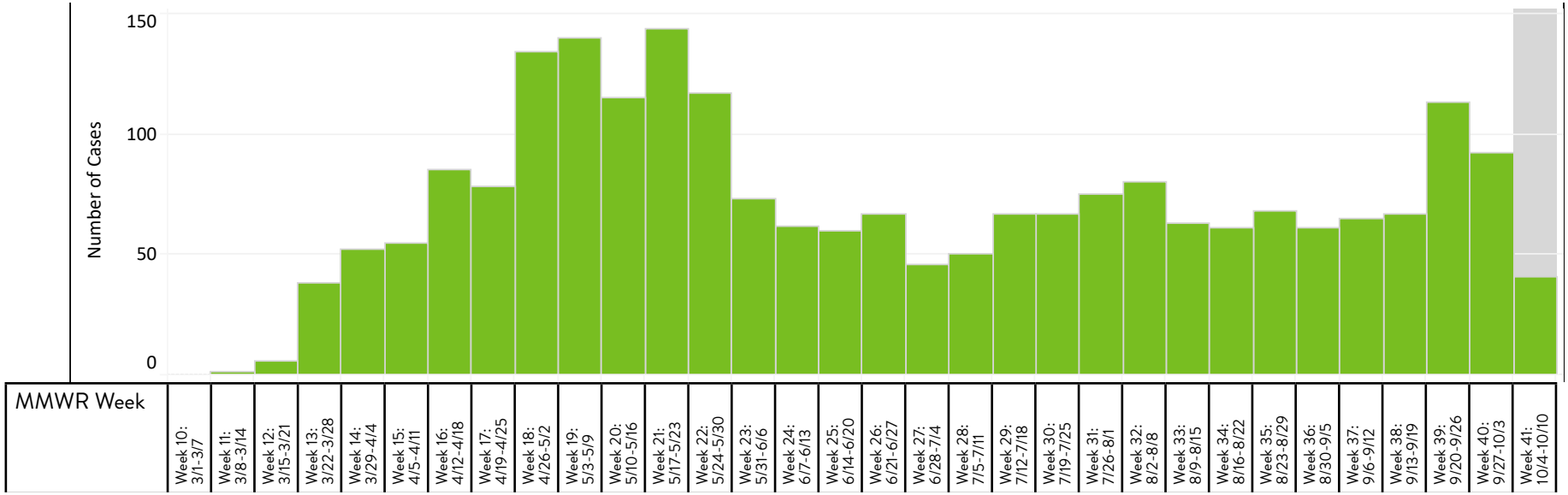
Seven Day Moving Average of New Hospitalizations



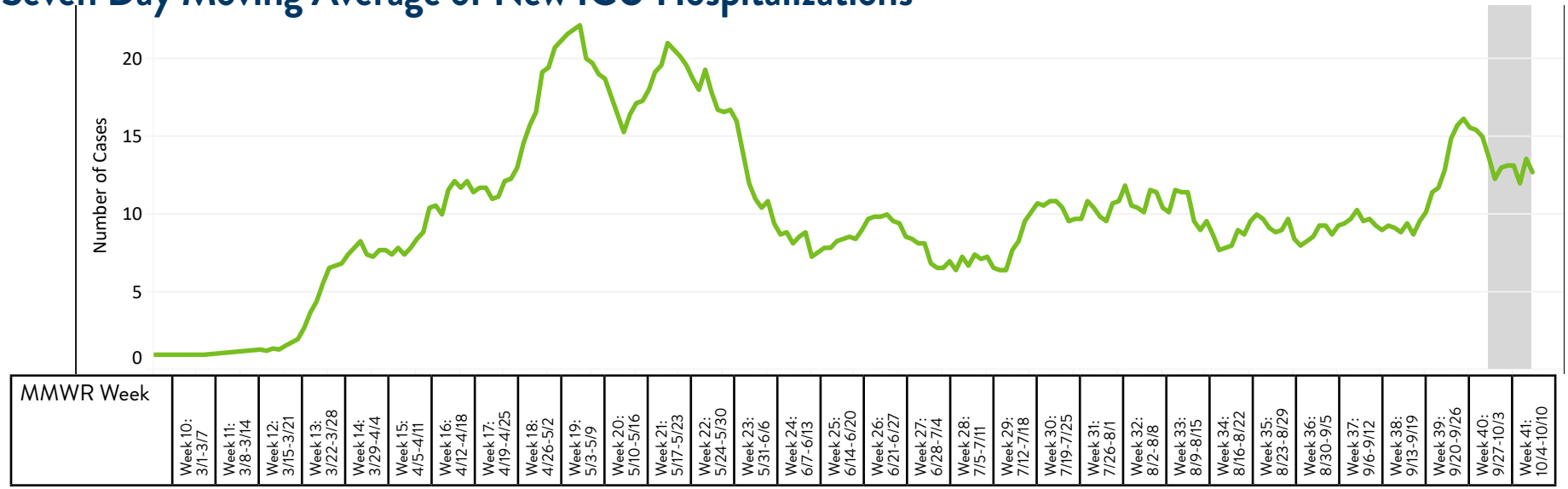
ICU Hospitalizations by Week, 7-Day Average

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



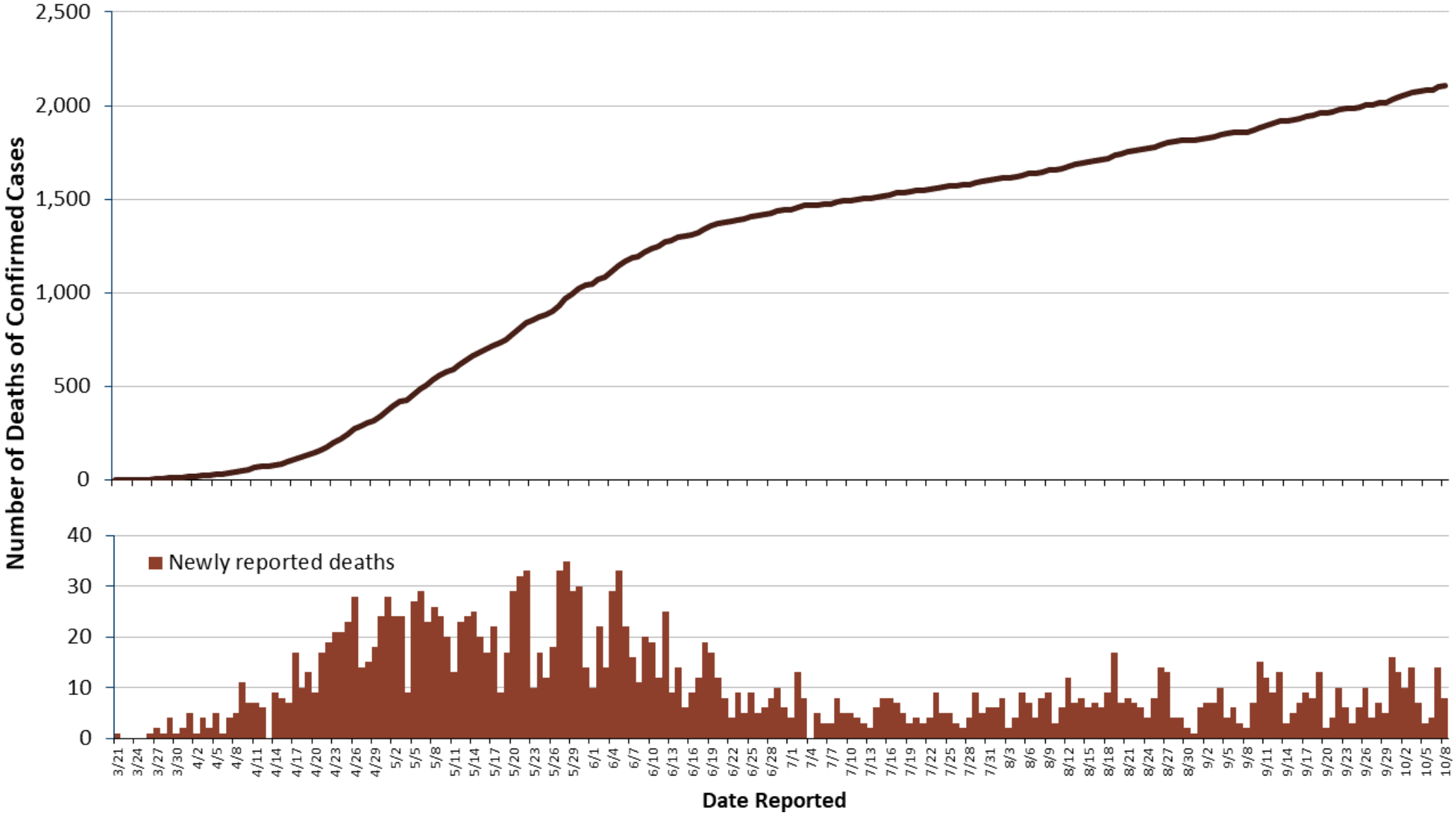
Seven Day Moving Average of New ICU Hospitalizations



Deaths

2,107
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.).

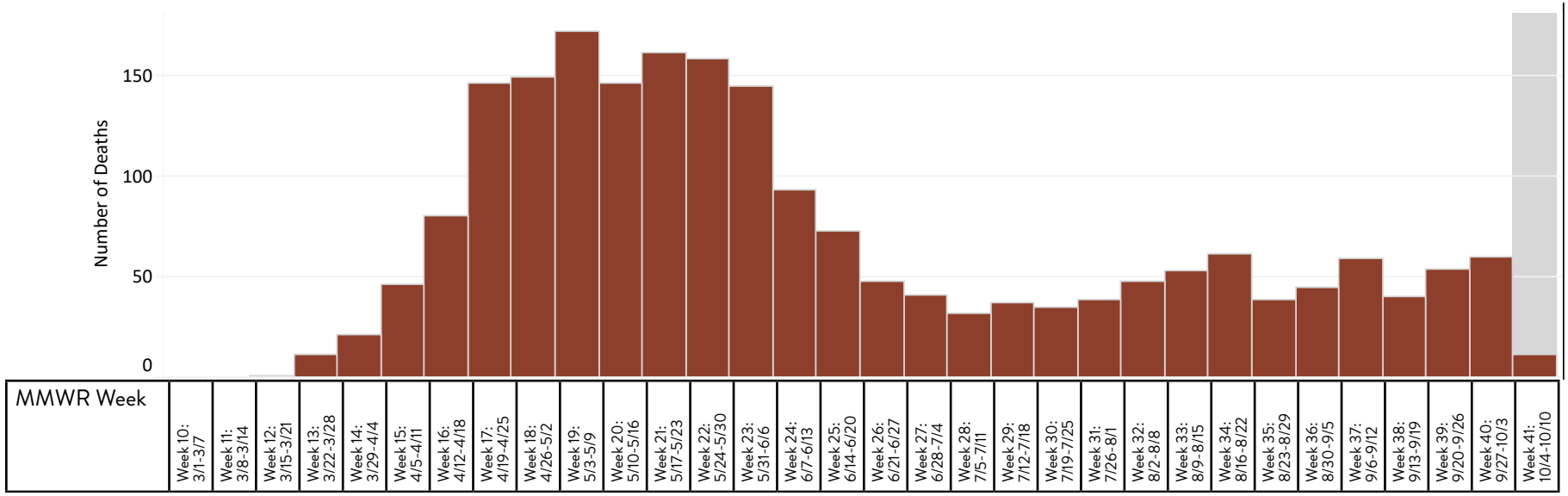


- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

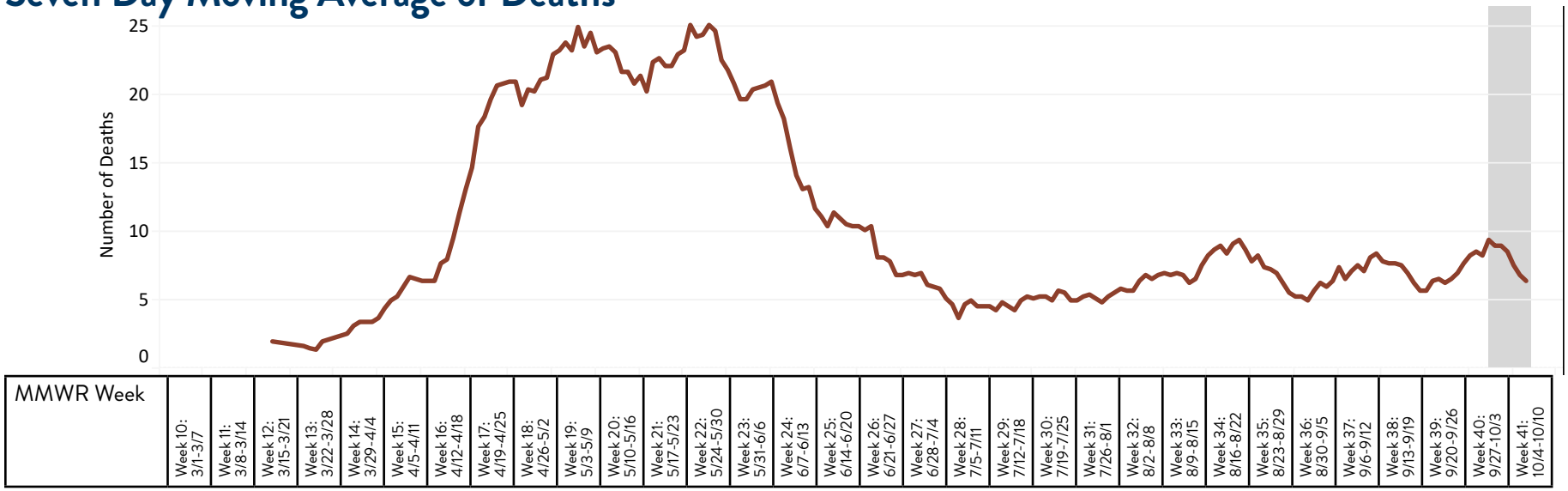
Deaths by Week, 7-Day Average

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

Deaths by Week of Death



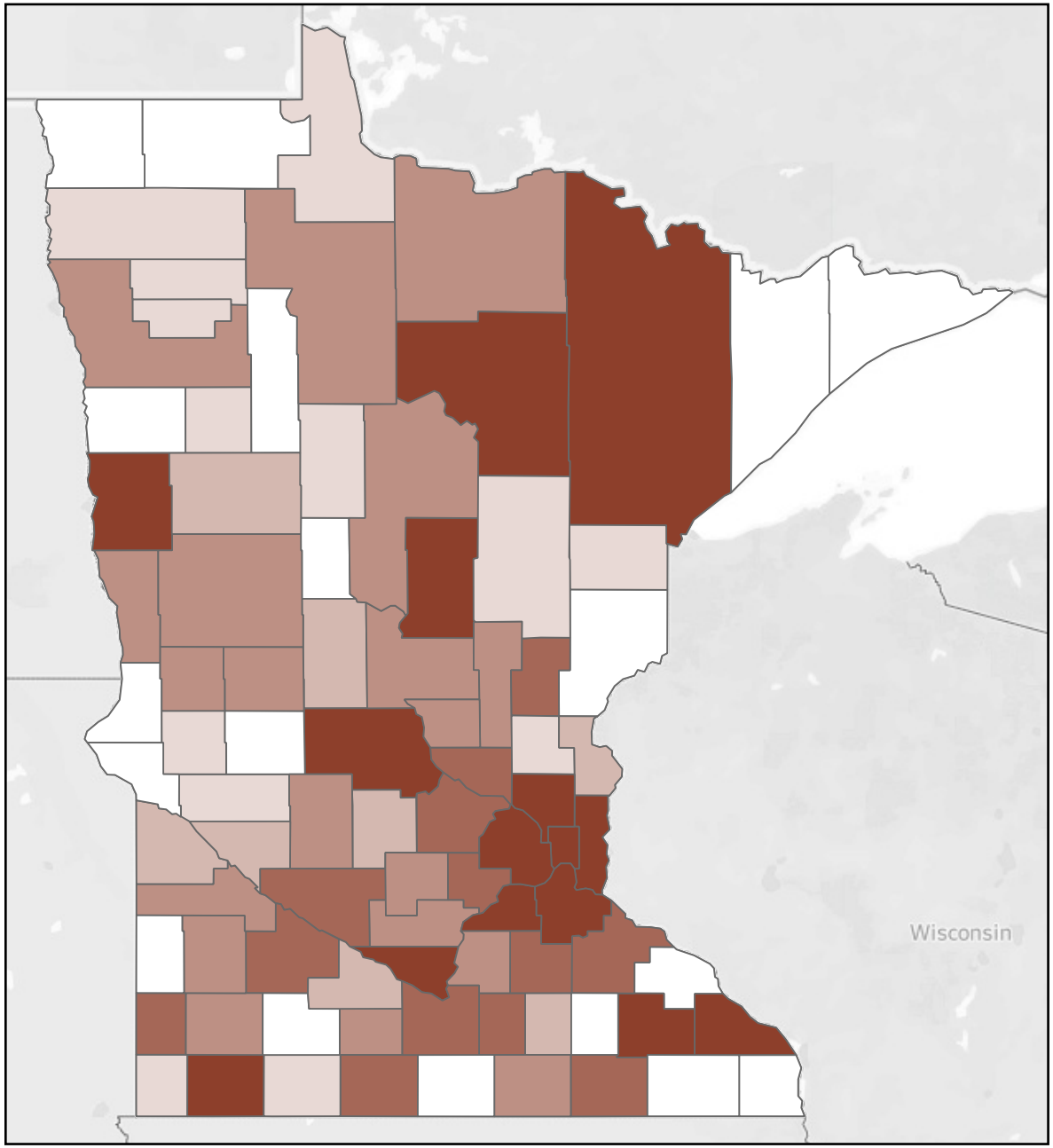
Seven Day Moving Average of Deaths



Deaths by County of Residence

2,107
Total Deaths (cumulative)

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



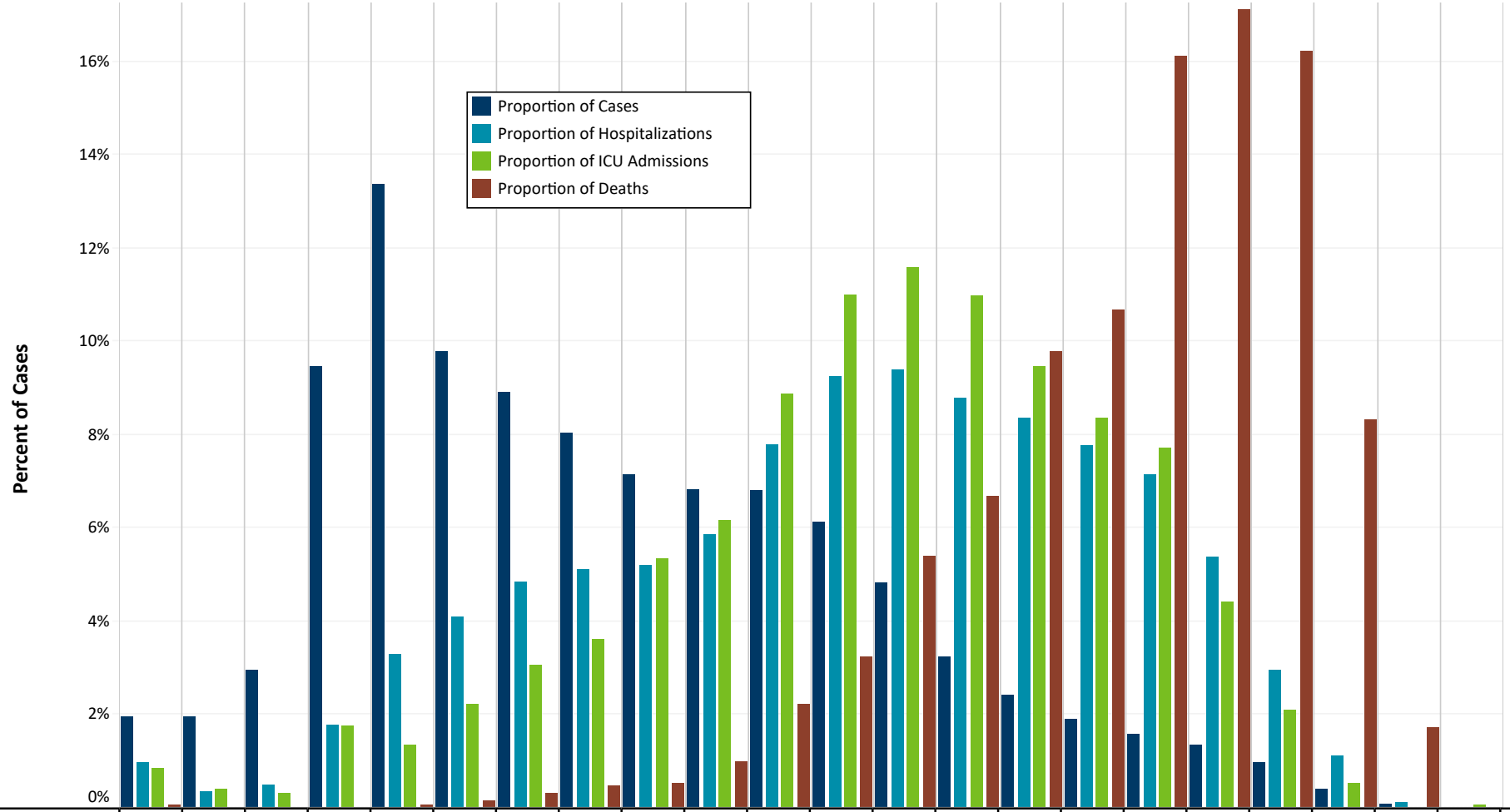
County	Deaths	County	Deaths
Aitkin	1	Martin	13
Anoka	142	McLeod	3
Becker	2	Meeker	2
Beltrami	5	Mille Lacs	3
Benton	4	Morrison	3
Big Stone	0	Mower	7
Blue Earth	7	Murray	3
Brown	2	Nicollet	17
Carlton	1	Nobles	16
Carver	7	Norman	0
Cass	4	Olmsted	28
Chippewa	2	Otter Tail	6
Chisago	2	Pennington	1
Clay	42	Pine	0
Clearwater	0	Pipestone	15
Cook	0	Polk	4
Cottonwood	0	Pope	0
Crow Wing	18	Ramsey	331
Dakota	130	Red Lake	1
Dodge	0	Redwood	7
Douglas	3	Renville	9
Faribault	0	Rice	8
Fillmore	0	Rock	1
Freeborn	4	Roseau	0
Goodhue	9	Scott	34
Grant	4	Sherburne	15
Hennepin	947	Sibley	3
Houston	0	St. Louis	52
Hubbard	1	Stearns	28
Isanti	1	Steele	2
Itasca	16	Stevens	1
Jackson	1	Swift	1
Kanabec	9	Todd	2
Kandiyohi	3	Traverse	0
Kittson	0	Wabasha	0
Koochiching	4	Wadena	0
Lac qui Parle	2	Waseca	9
Lake	0	Washington	60
Lake of the Woods	1	Watonwan	4
Le Sueur	5	Wilkin	3
Lincoln	0	Winona	18
Lyon	4	Wright	9
Mahnomen	1	Yellow Medicine	3
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.

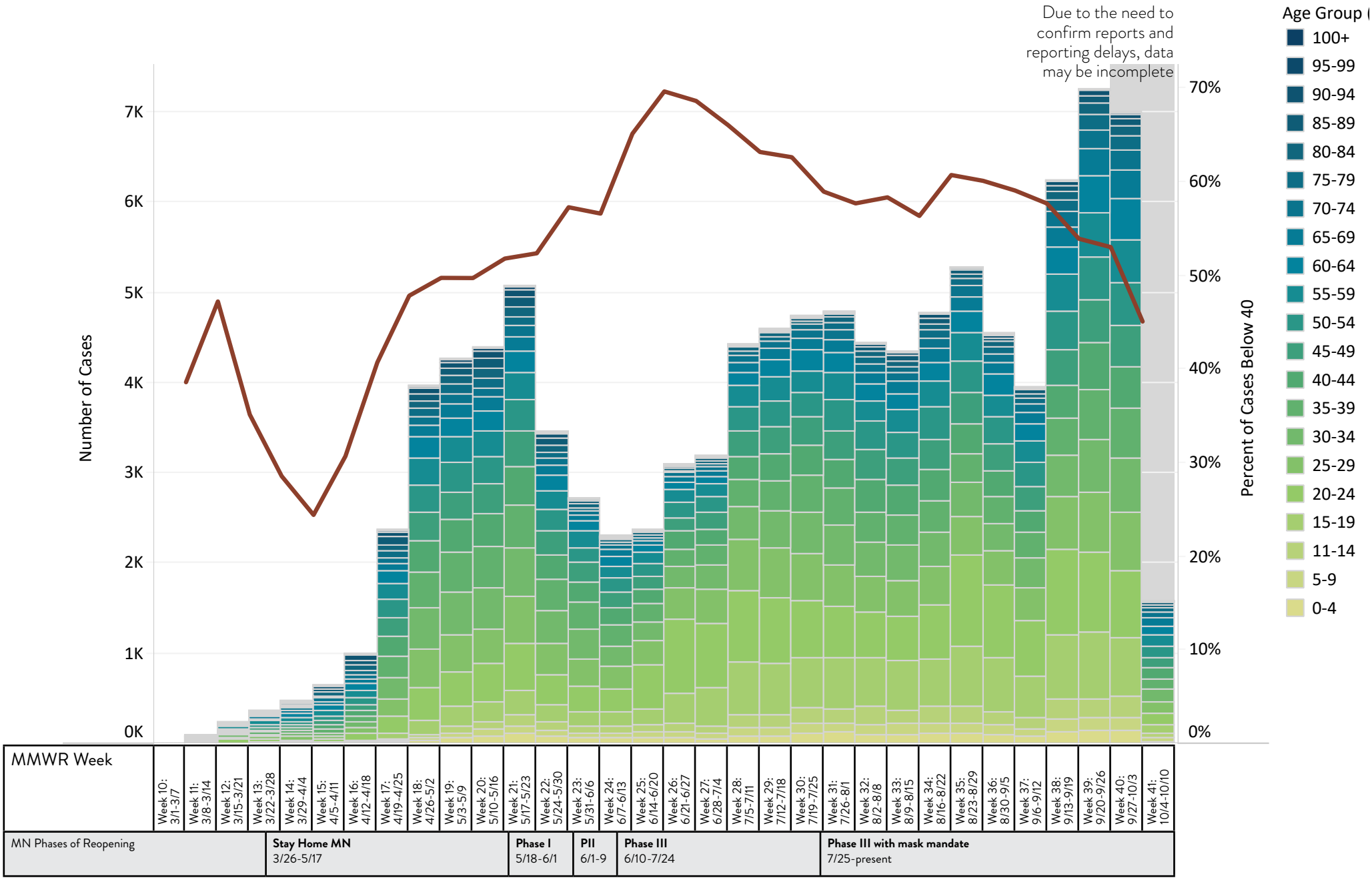
	Median Age (Range) in Years
All Cases	35 (<1 month – 109)
Non-Hospitalized Cases	34 (<1 month - 109)
Hospitalizations	60 (<1 month - 105)
ICU Hospitalizations	62 (<1 month - 99)
Deaths	83 (<1 - 109)



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	2,115	2,107	3,178	10,207	14,424	10,543	9,610	8,672	7,715	7,382	7,329	6,615	5,184	3,489	2,614	2,045	1,701	1,433	1,023	448	79	9	107,922
Hospitalizations	80	28	40	146	270	335	396	417	426	481	637	758	768	719	683	636	585	439	241	91	10	1	8,187
ICU Hospitalizations	19	9	7	39	30	50	69	81	120	138	199	247	260	246	212	187	173	99	47	12	0	1	2,245
Deaths	1	0	0	0	1	3	7	10	11	20	48	68	114	141	206	225	339	360	342	175	36	0	2,107

Cases by Age Group and Specimen Collection Date

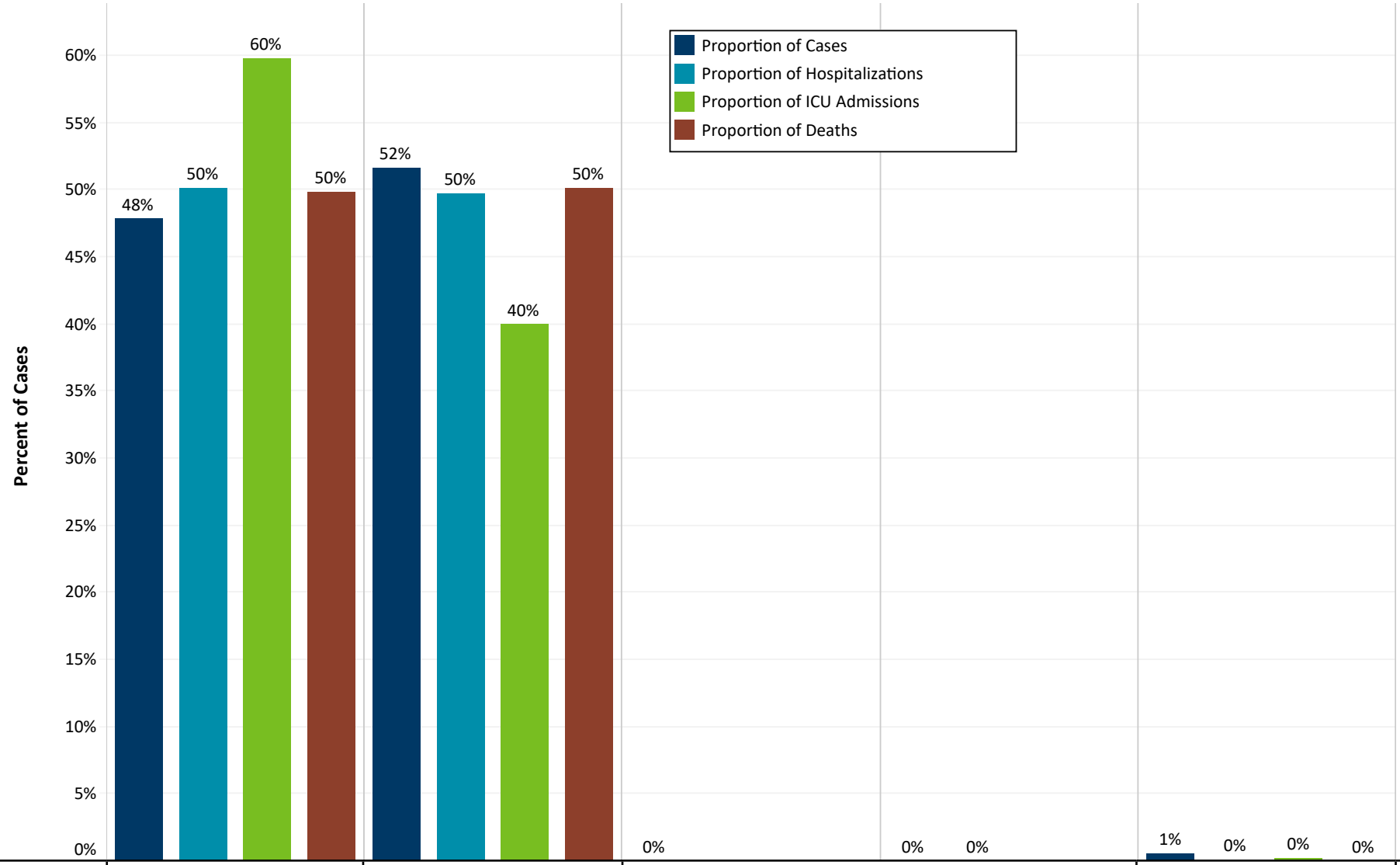
Confirmed cases by age group by date of specimen collection in Minnesota.



- 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.

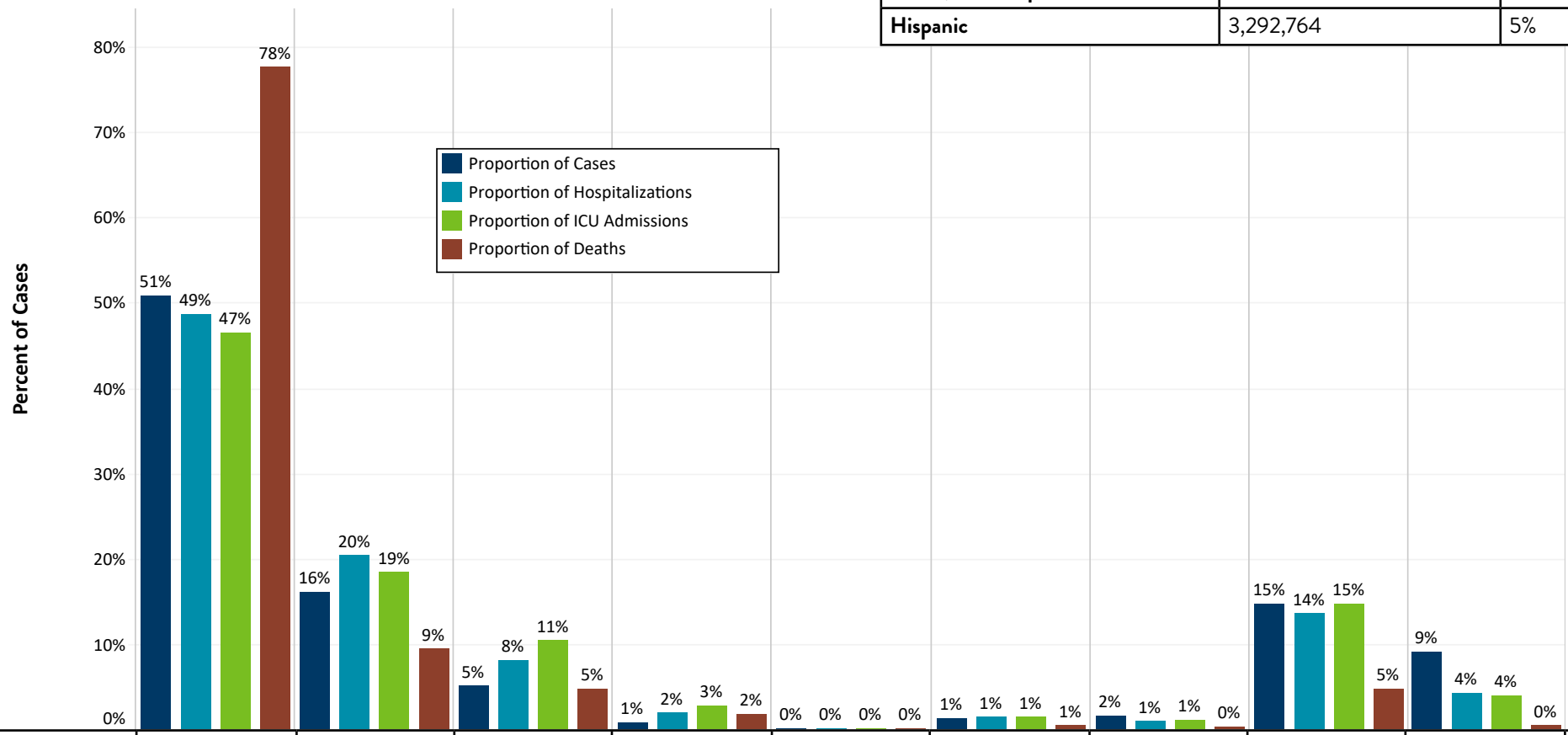


Gender	Male	Female	Other	Unk./missing	Total
All Cases	51,655	55,656	11	600	107,922
Hospitalizations	4,100	4,074	1	12	8,187
ICU Hospitalizations	1,343	898	0	4	2,245
Deaths	1,050	1,056	0	1	2,107

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.

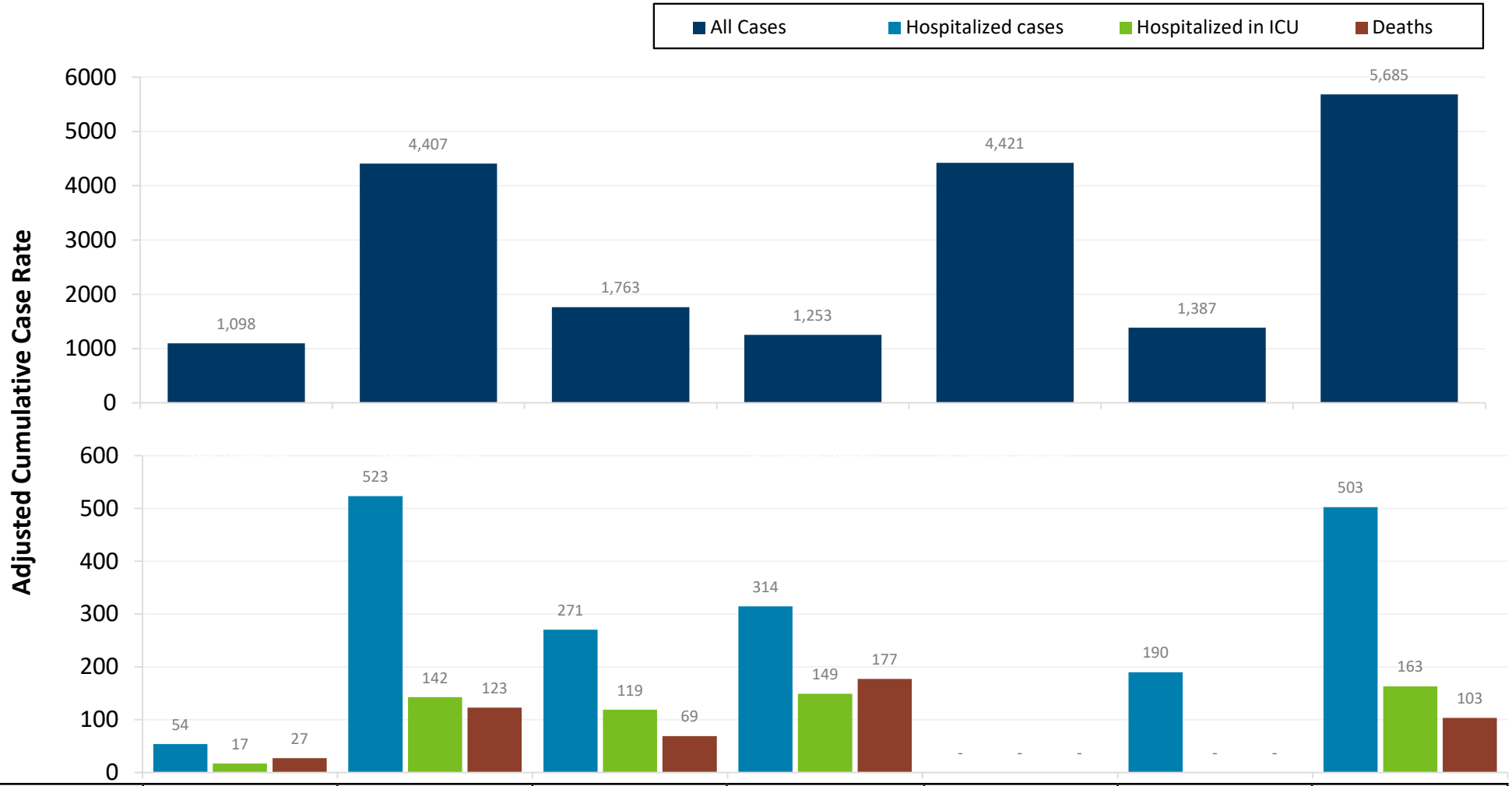
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	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	54,830	17,354	5,651	925	144	1,348	1,738	16,035	9,897	107,922
Hospitalizations	3,996	1,671	663	165	9	117	83	1,123	360	8,187
ICU Hospitalizations	1,047	416	236	64	2	32	26	331	91	2,245
Deaths	1,637	200	101	39	2	12	6	100	10	2,107

Age-Adjusted Race & Ethnicity Rates

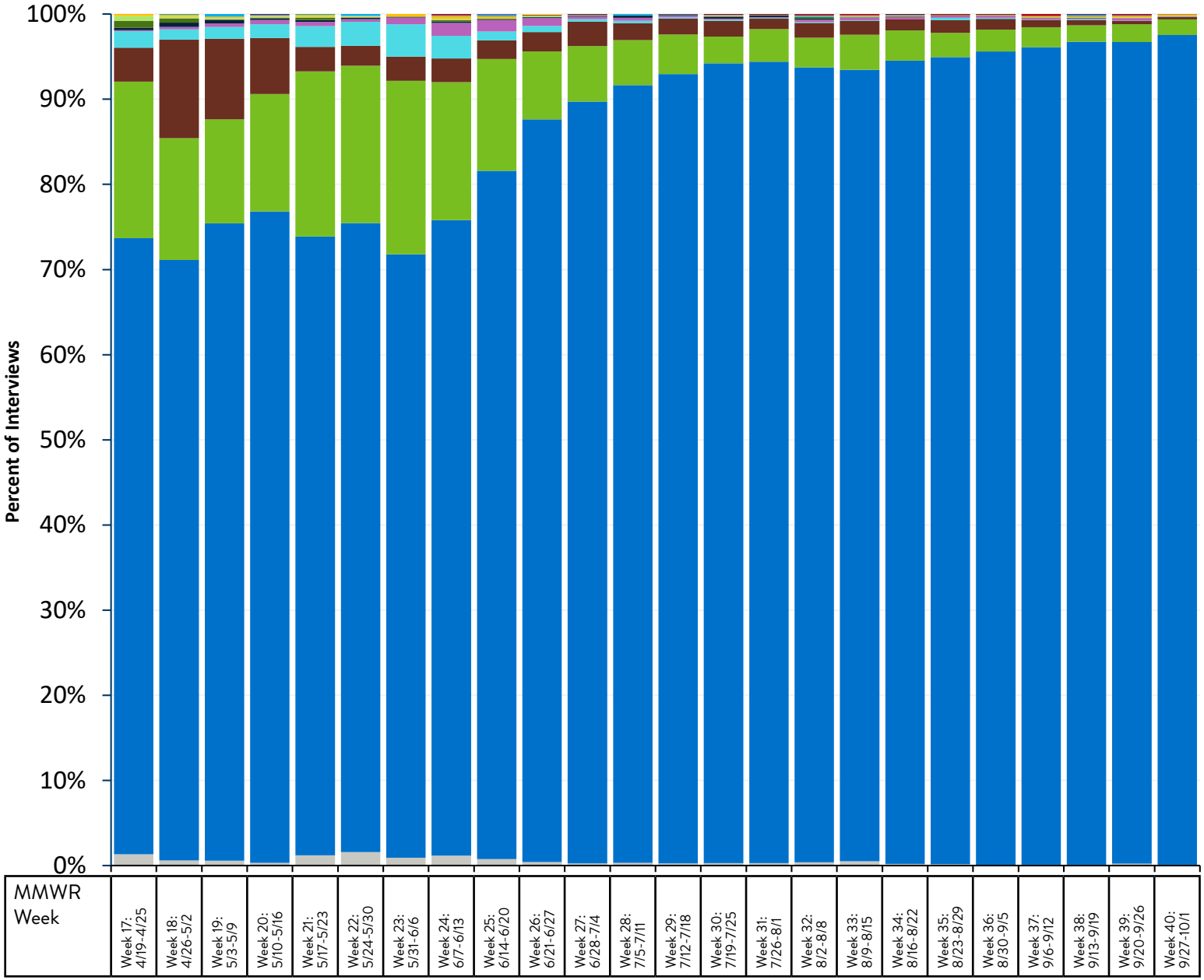
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total 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	1,098	4,407	1,763	1,253	4,421	1,387	5,685
Hospitalizations	54	523	271	314	-	190	503
ICU Hospitalizations	17	142	119	149	-	-	163
Deaths	27	123	69	177	-	-	103

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.

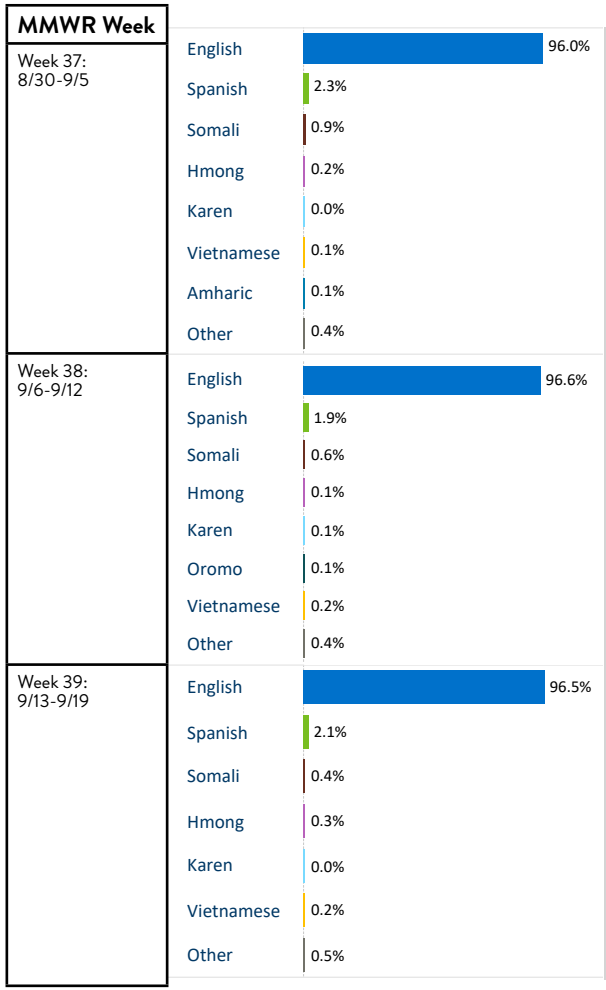


Language	Total % of Interviews
Mandarin	<1%
Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
Amharic	<1%
Oromo	<1%
Hmong	<1%
Karen	1%
Somali	3%
Spanish	8%
English	87%
Other	<1%

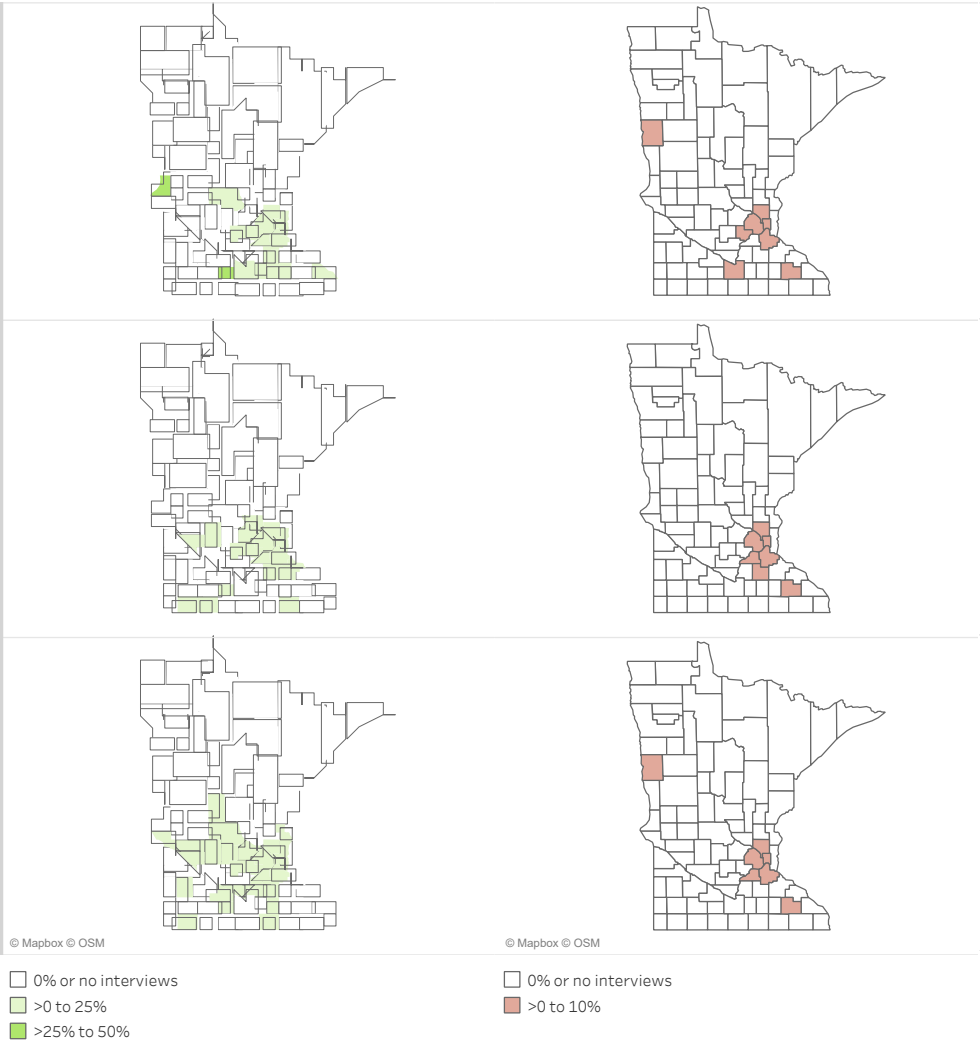
Interview Language by County of Residence

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

Percent of Interviews by Language and Week

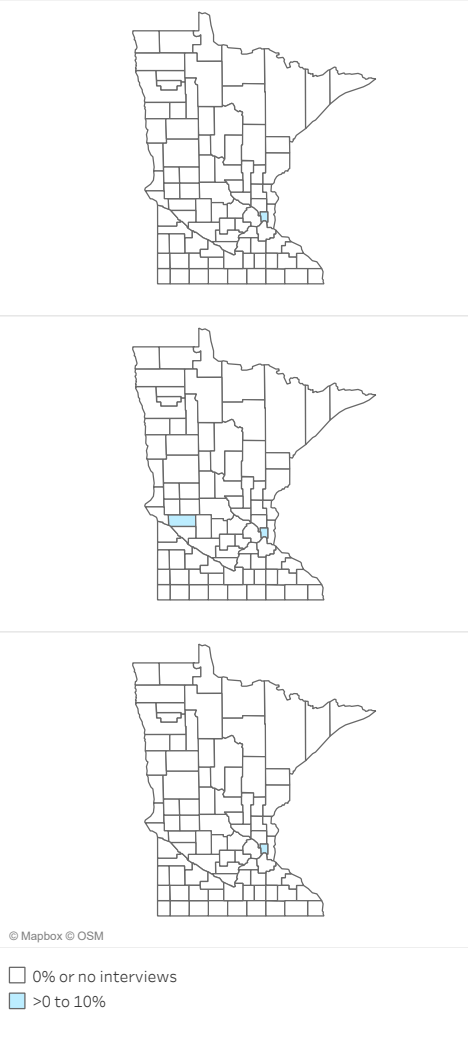


Spanish Language Interviews by Week and County



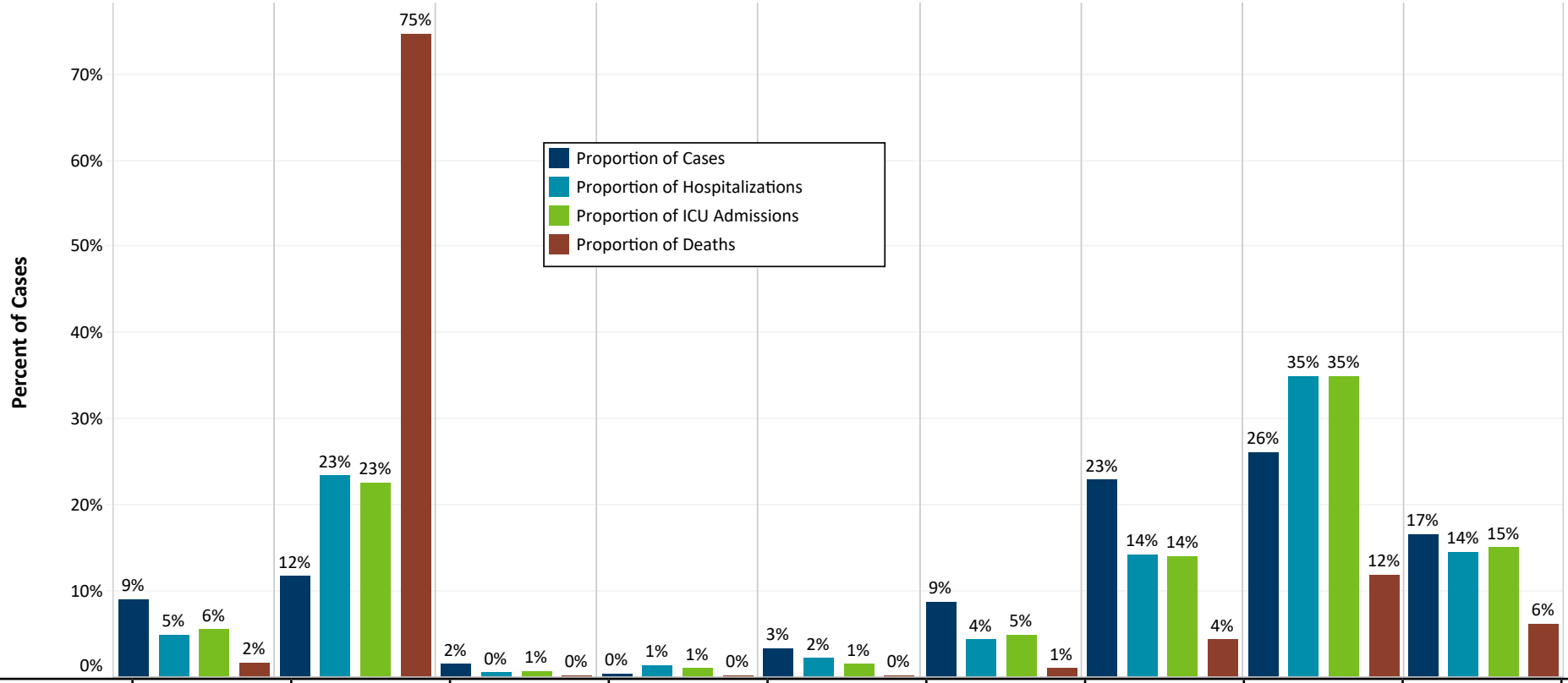
Somali Language Interviews by Week and County

Karen Language Interviews by Week and County



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.

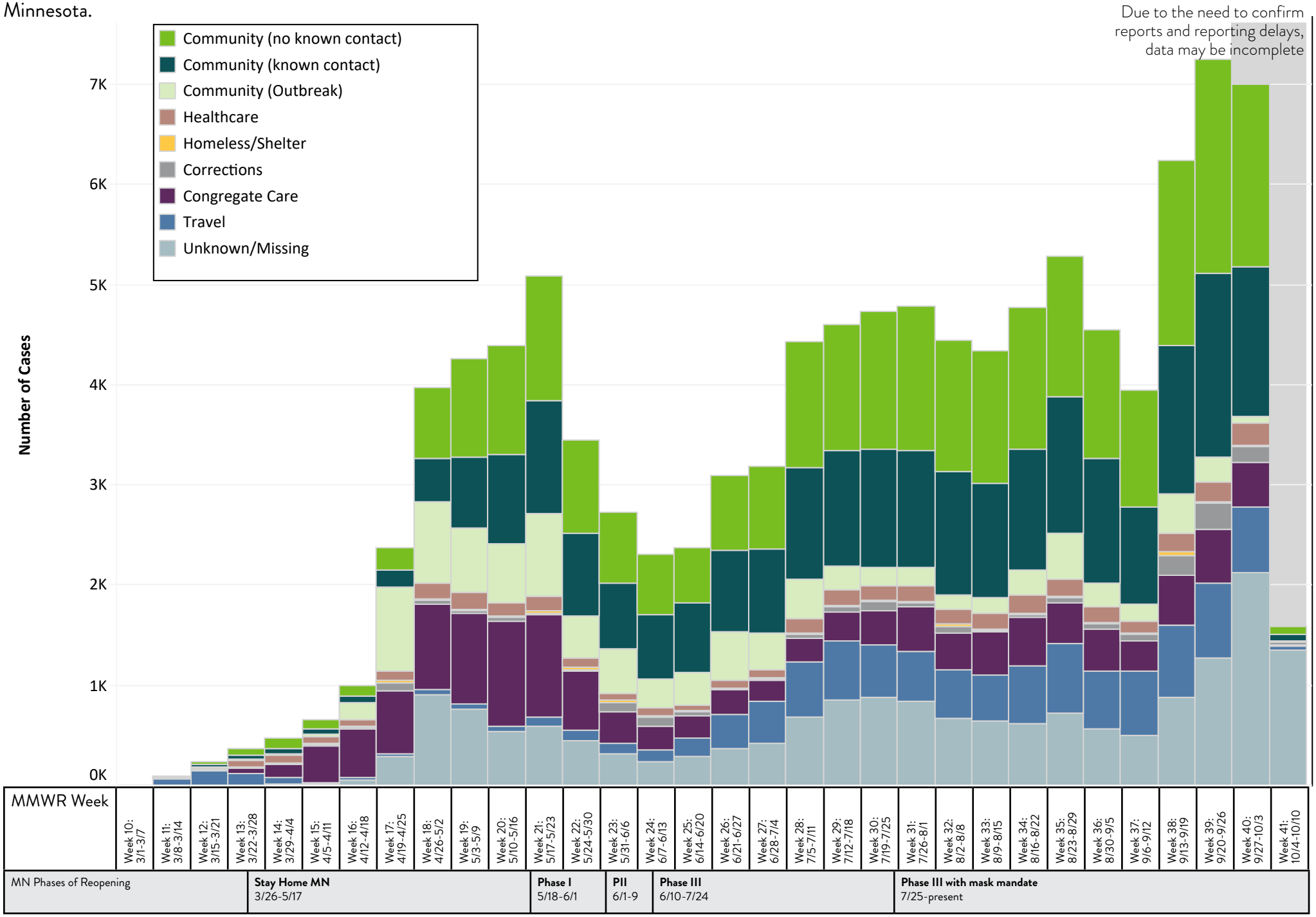


Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/ Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	9,746	12,580	1,704	365	3,588	9,391	24,672	28,148	17,728	107,922
Hospitalizations	395	1,915	40	113	174	354	1,163	2,850	1,183	8,187
ICU Hospitalizations	125	507	14	23	33	107	315	784	337	2,245
Deaths	36	1,571	2	3	4	21	91	250	129	2,107

- 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.

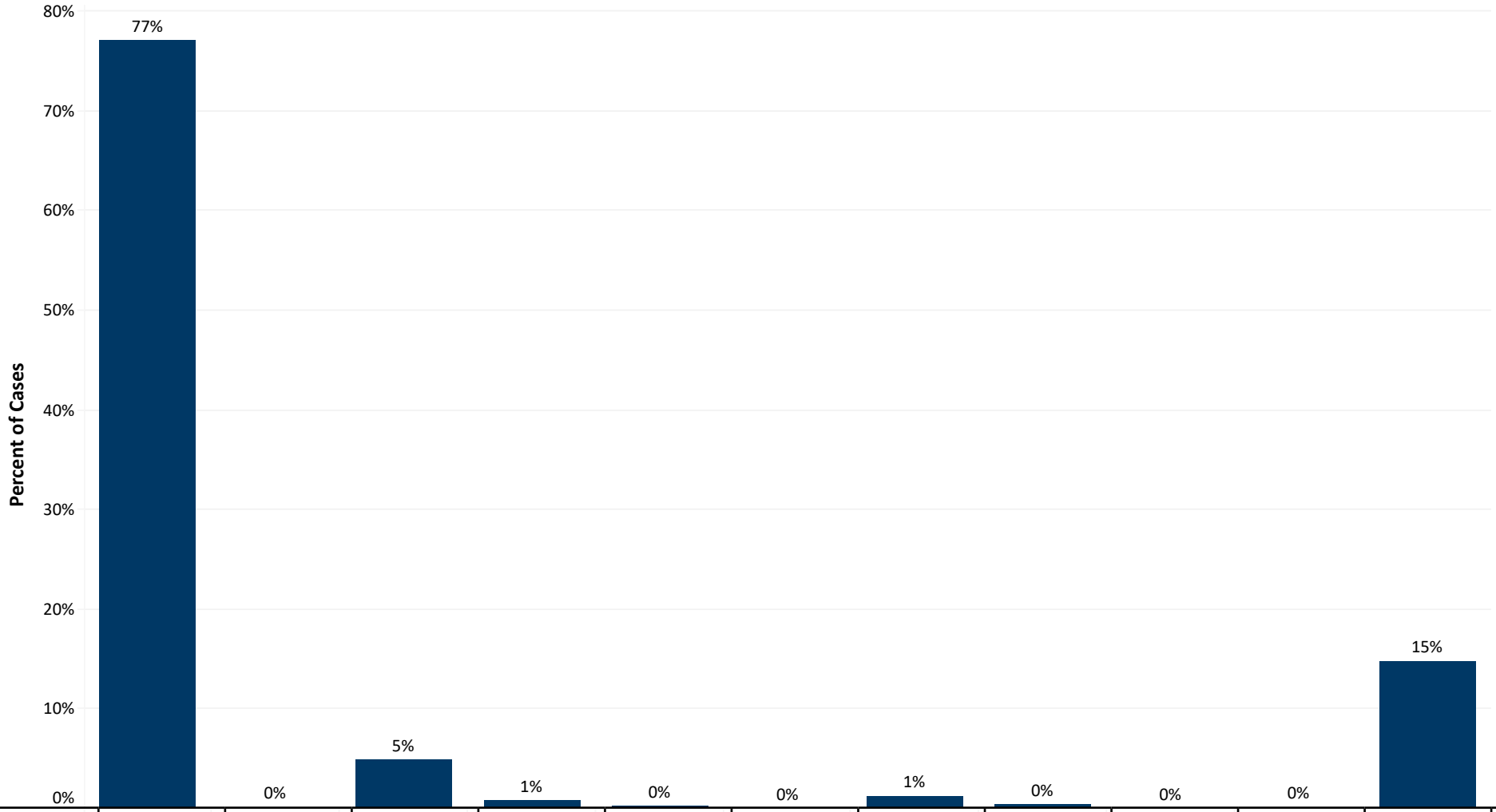
Cases by Likely Exposure and Specimen Collection Date

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.



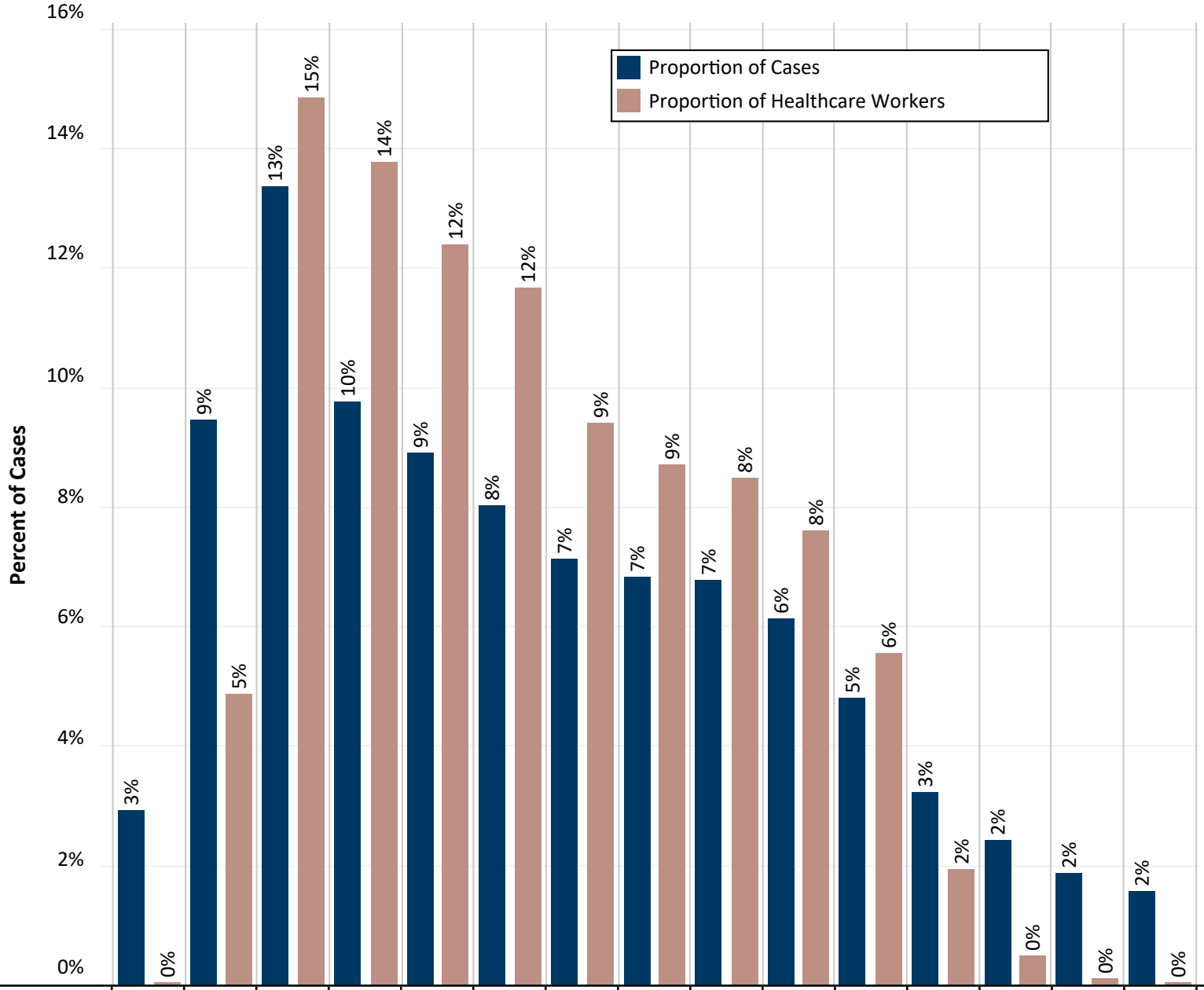
Residence Type

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	83,360	110	5,300	964	207	62	1,390	455	26	98	15,950	107,922

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	3,178	10,207	14,424	10,543	9,610	8,672	7,715	7,382	7,329	6,615	5,184	3,489	2,614	2,045	1,701	107,922
Health Care	5	545	1,660	1,542	1,385	1,303	1,054	974	949	852	618	217	55	13	5	11,177

11,177
Total Health Care Workers (cumulative)

8,905
Health Care Workers Exposed Occupationally (cumulative)

445
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

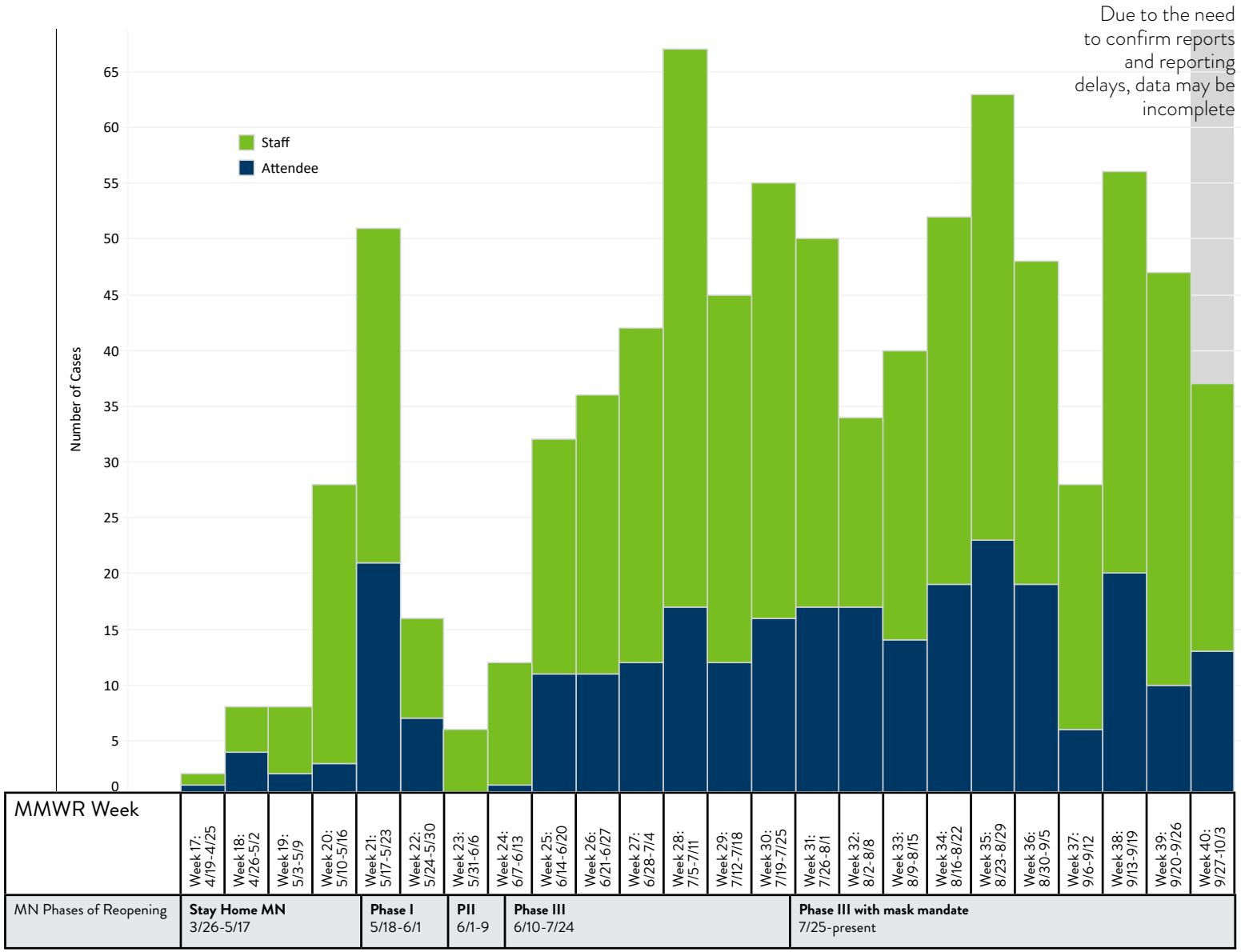
Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in the past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

597
Total Child Care Staff (cumulative)

284
Total Child Care Attendees (cumulative)

545
Total Child Care Programs (cumulative)

Confirmed cases per program	Programs	Percent
1 case	375	69%
2-4 cases	137	25%
≥5 cases	33	6%



Cases Associated with Pre-K through Grade 12 School Buildings

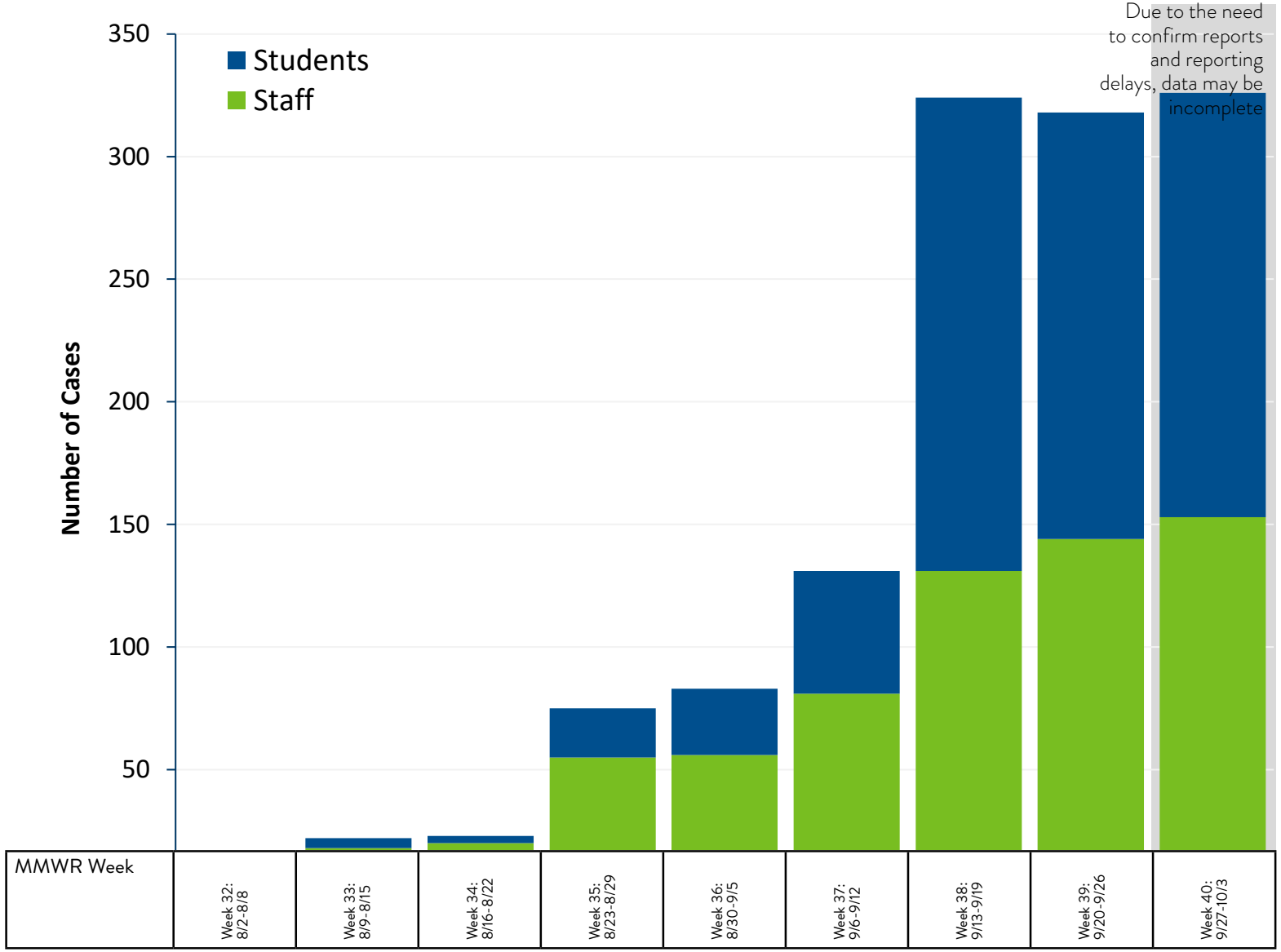
1,315
Total PreK-12 School Building-associated Cases (cumulative)

Lab-confirmed 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.

Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

669
Total PreK-12 School Staff Cases (cumulative)

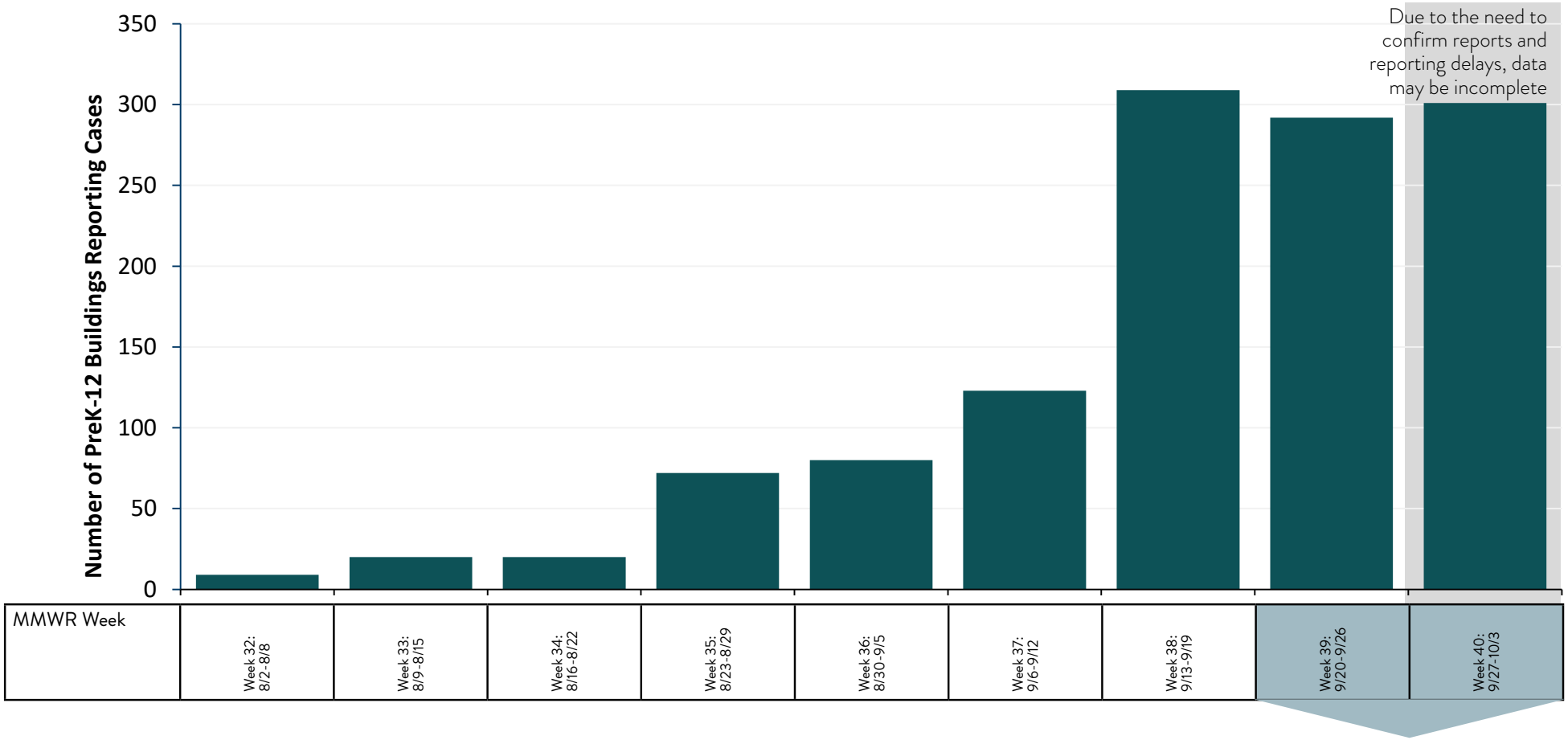
646
Total PreK-12 Student Cases (cumulative)



PreK-12 School Buildings Reporting Cases

703
Total PreK-12 School Buildings Reporting Cases (cumulative)

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.



Confirmed cases per building	Number of buildings reporting cases MMWR Weeks 39 & 40
1 case	304
2-4 cases	103
≥5 cases	7
Total	**414**

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

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

3,311
Total IHE-affiliated Cases (cumulative)

Cases infectious while on campus (cumulative)	1,326
Cases living on campus (cumulative)	656

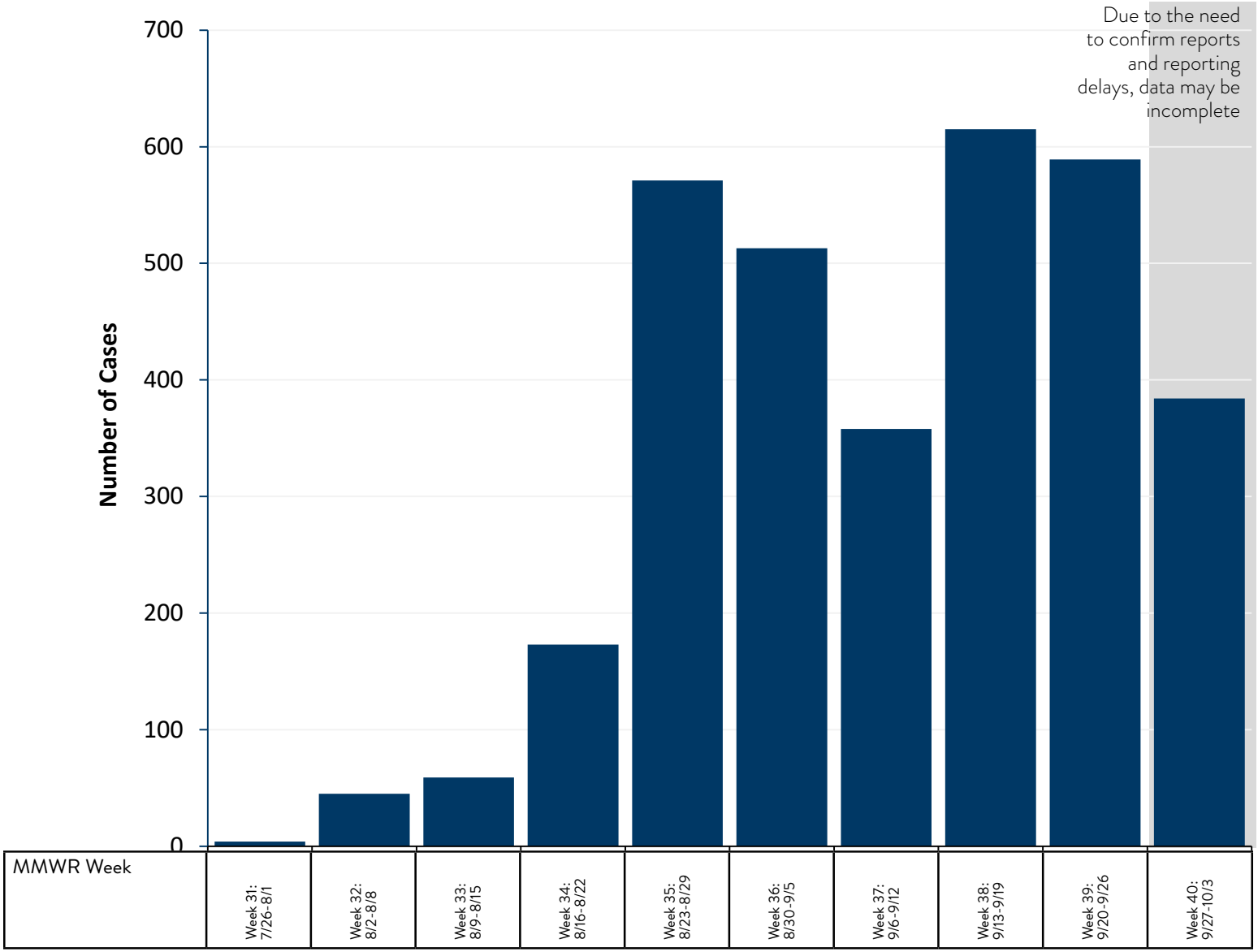
Lab-confirmed cases of COVID-19 affiliated with faculty, staff, and students working or enrolled at a Minnesota Institute of Higher Education (IHE) while they were potentially exposed to or able to spread COVID-19. IHE include colleges, universities, and private career schools.

Cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020.

15
Total Hospitalized IHE-affiliated Cases (cumulative)

3
Total ICU Hospitalized IHE-affiliated Case (cumulative)

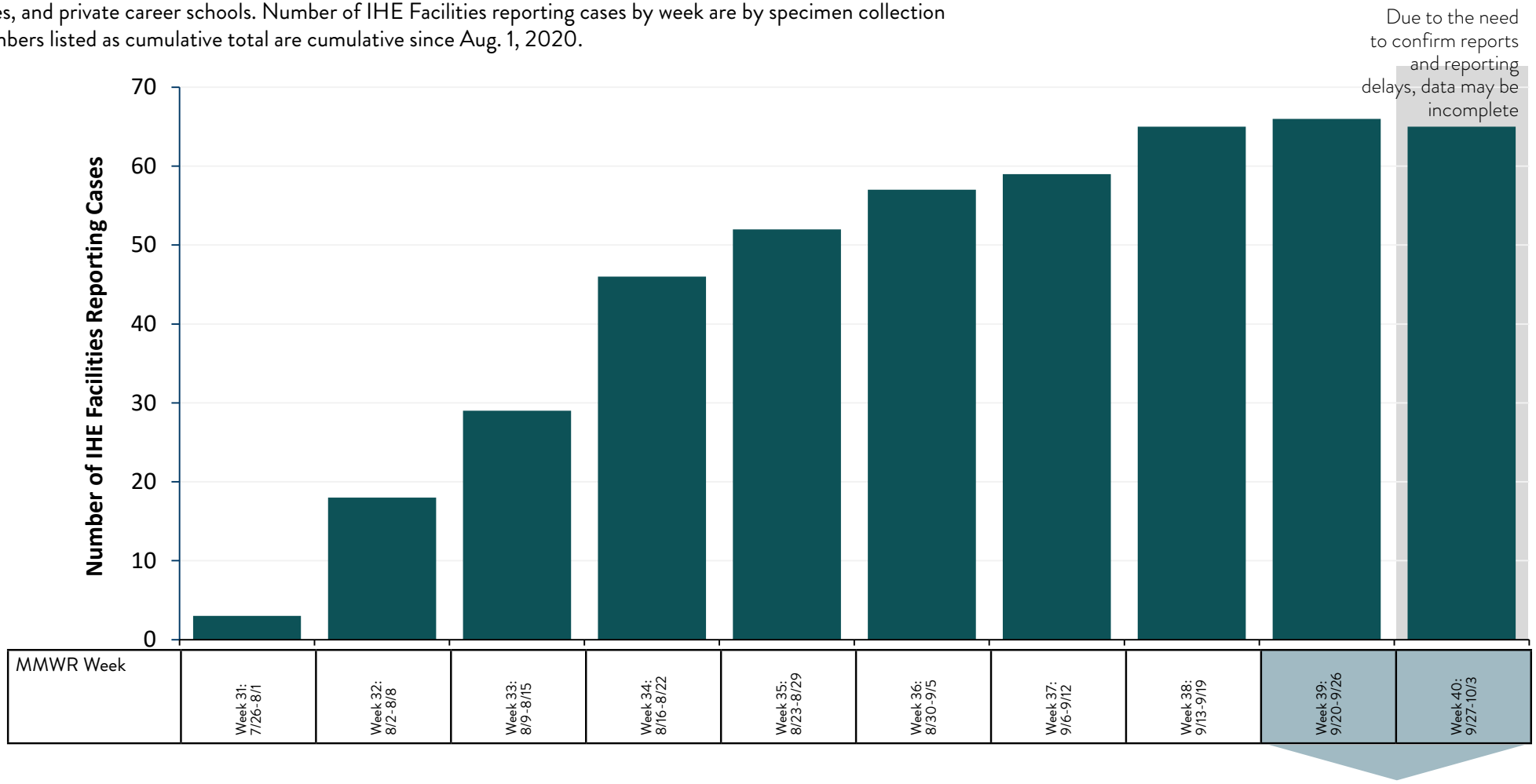
0
Total IHE-affiliated Deaths (cumulative)



Minnesota IHE Facilities Reporting Cases

104
Total IHE Facilities that have Reported at Least One Case (cumulative)

Number of facilities that have had lab-confirmed 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.



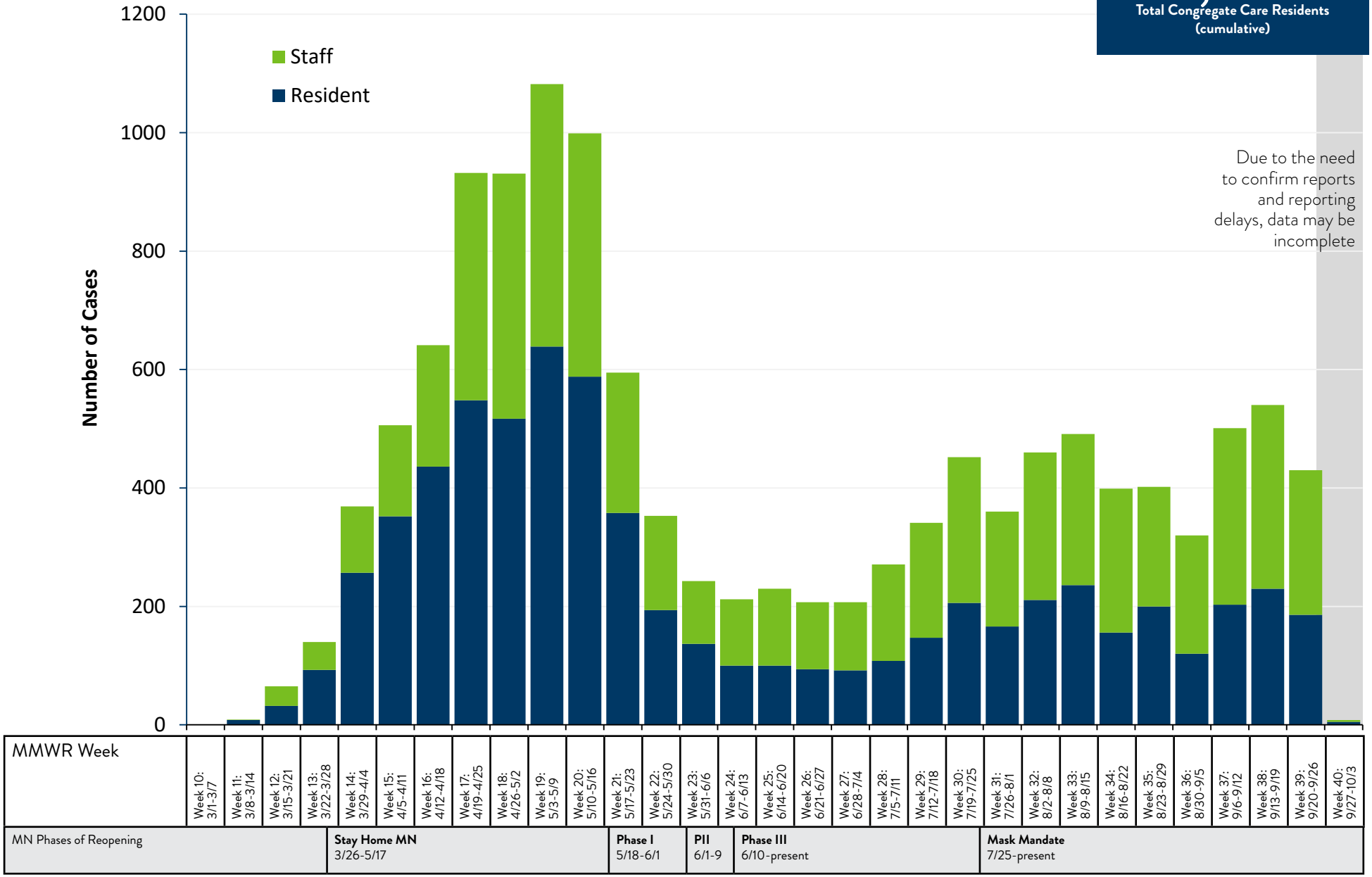
Confirmed cases per IHE facility	Number of IHEs reporting cases MMWR Weeks 39 & 40
1-10 cases	67
11-30 cases	11
31-99 cases	6
≥100 cases	1
Total	**85**

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.

5,980
Total Congregate Care Staff (cumulative)

6,720
Total Congregate Care Residents (cumulative)



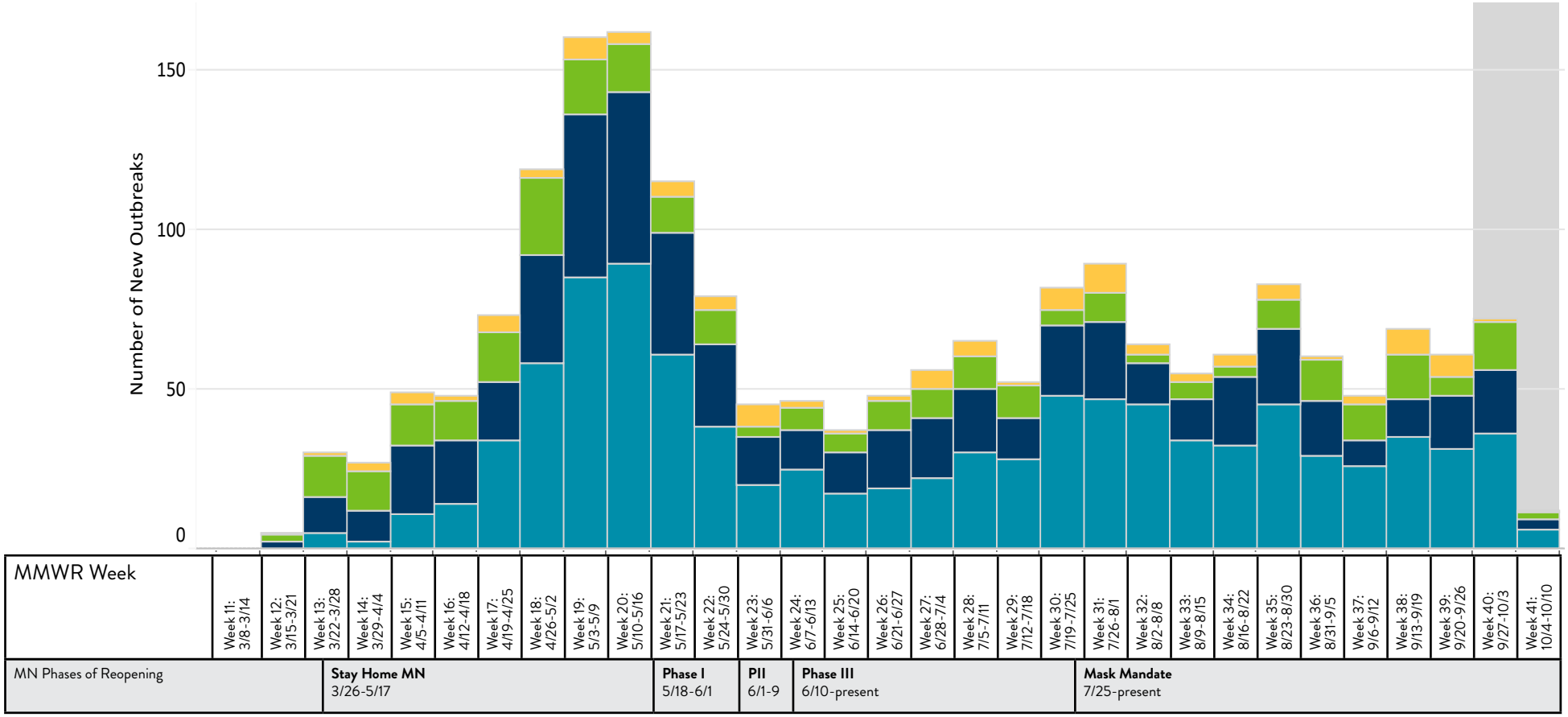
Congregate Care Facility Outbreaks

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.

1,970
Total Congregate Care Facilities (cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,175
3-20 cases	653
≥21 cases	142

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 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**

27% of cases interviewed within 48 hours of case specimen collection (cumulative)

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

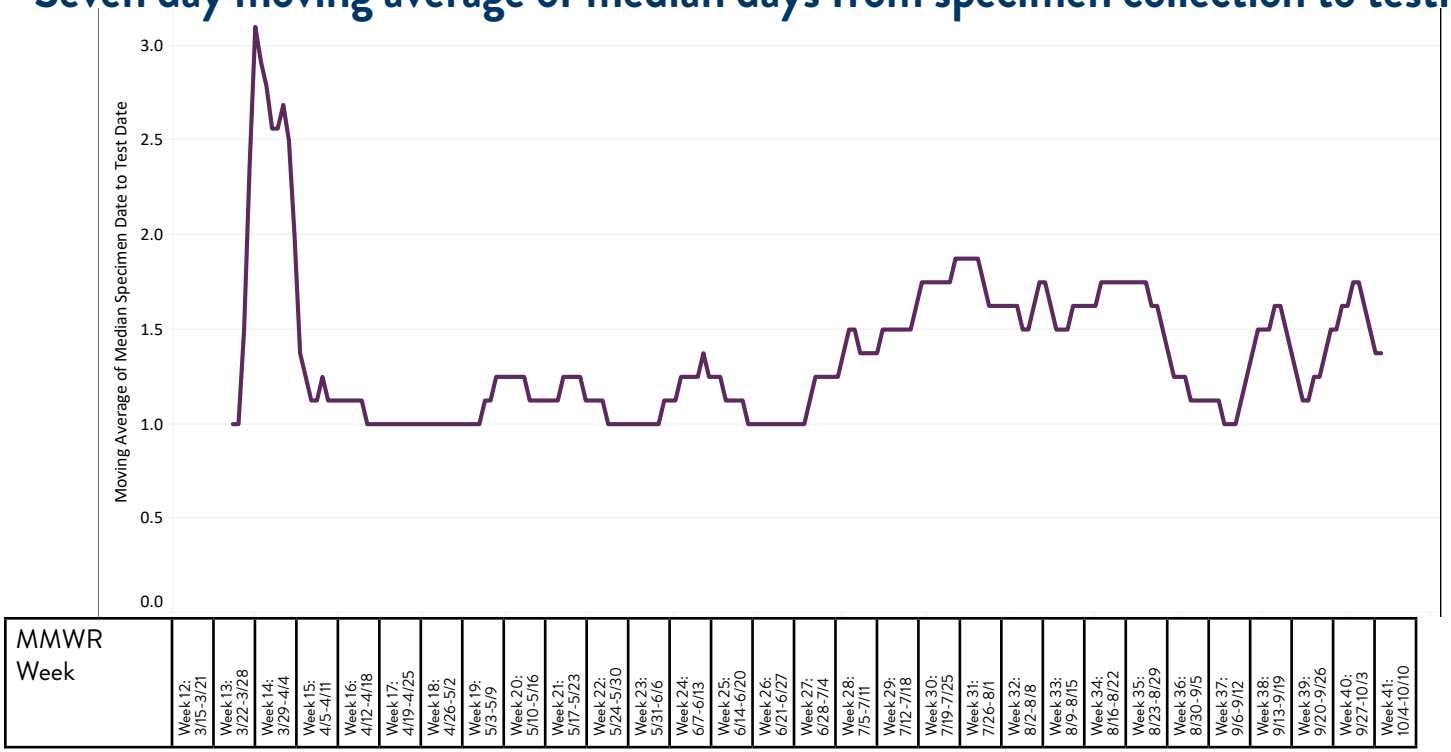
Median number of days from specimen collection to report date (cumulative): **2**

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



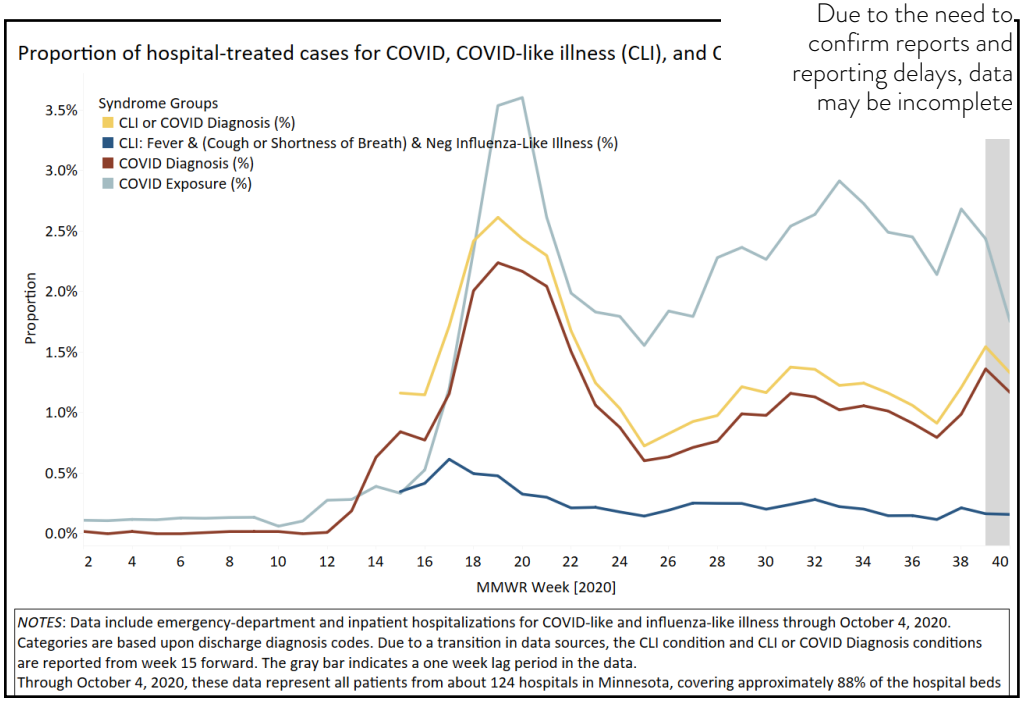
Syndromic Surveillance

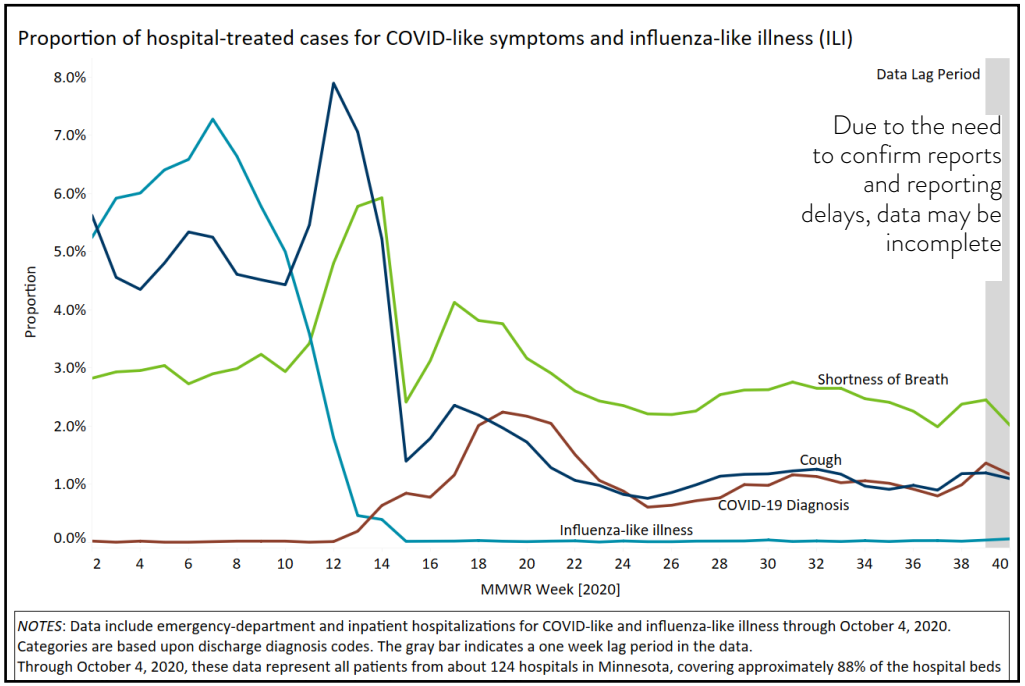
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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 October 4, 2020. Categories are based upon discharge diagnosis codes.

Through October 4, 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.





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