STAY SAFE MN

Minnesota Department of Health

WEEKLY COVID-19 REPORT

11/12/2020

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

- 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.

DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

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COVID-19 Overview Summary

3,253,880
Total Laboratory Tests
(cumulative)

3,203,325
Total PCR Tests
(cumulative)

50,555
Total Antigen Tests
(cumulative)

201,795
Total Positive Cases
(cumulative)

199,757
Total Confirmed Cases (PCR positive)
(cumulative)

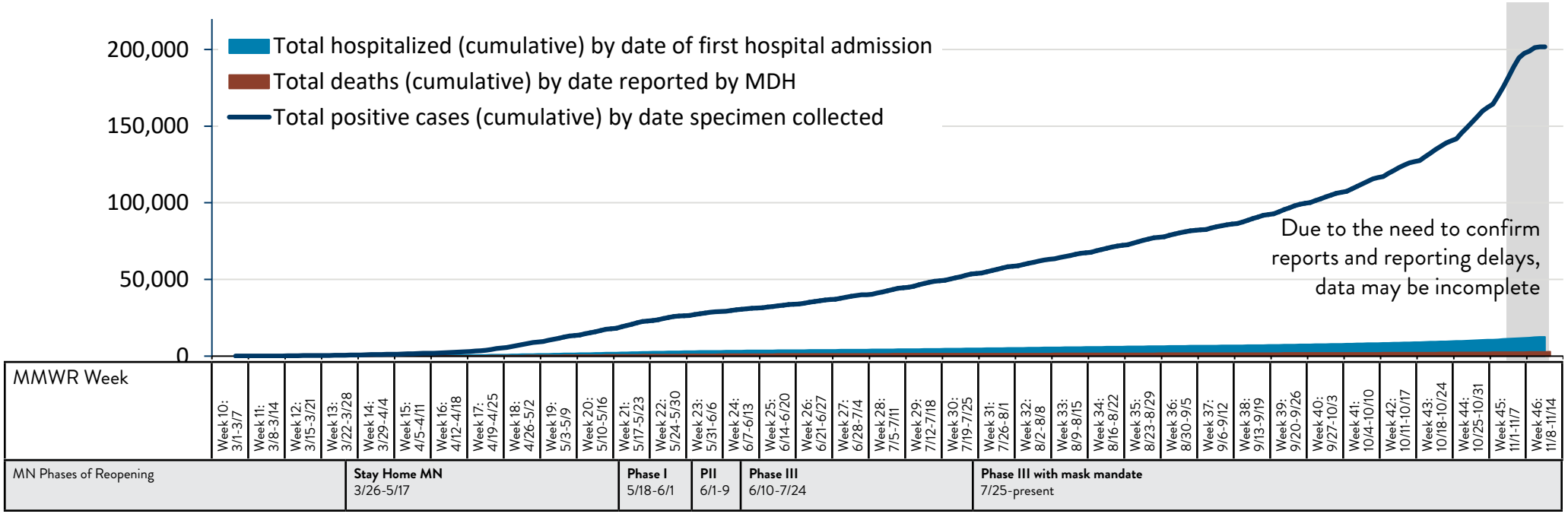
2,038
Total Probable Cases (Antigen positive)
(cumulative)

12,443
Total Hospitalizations
(cumulative)

3,086
Total ICU Hospitalizations
(cumulative)

2,793
Total Deaths
(cumulative)

159,467
Total No Longer Needing Isolation
(cumulative)

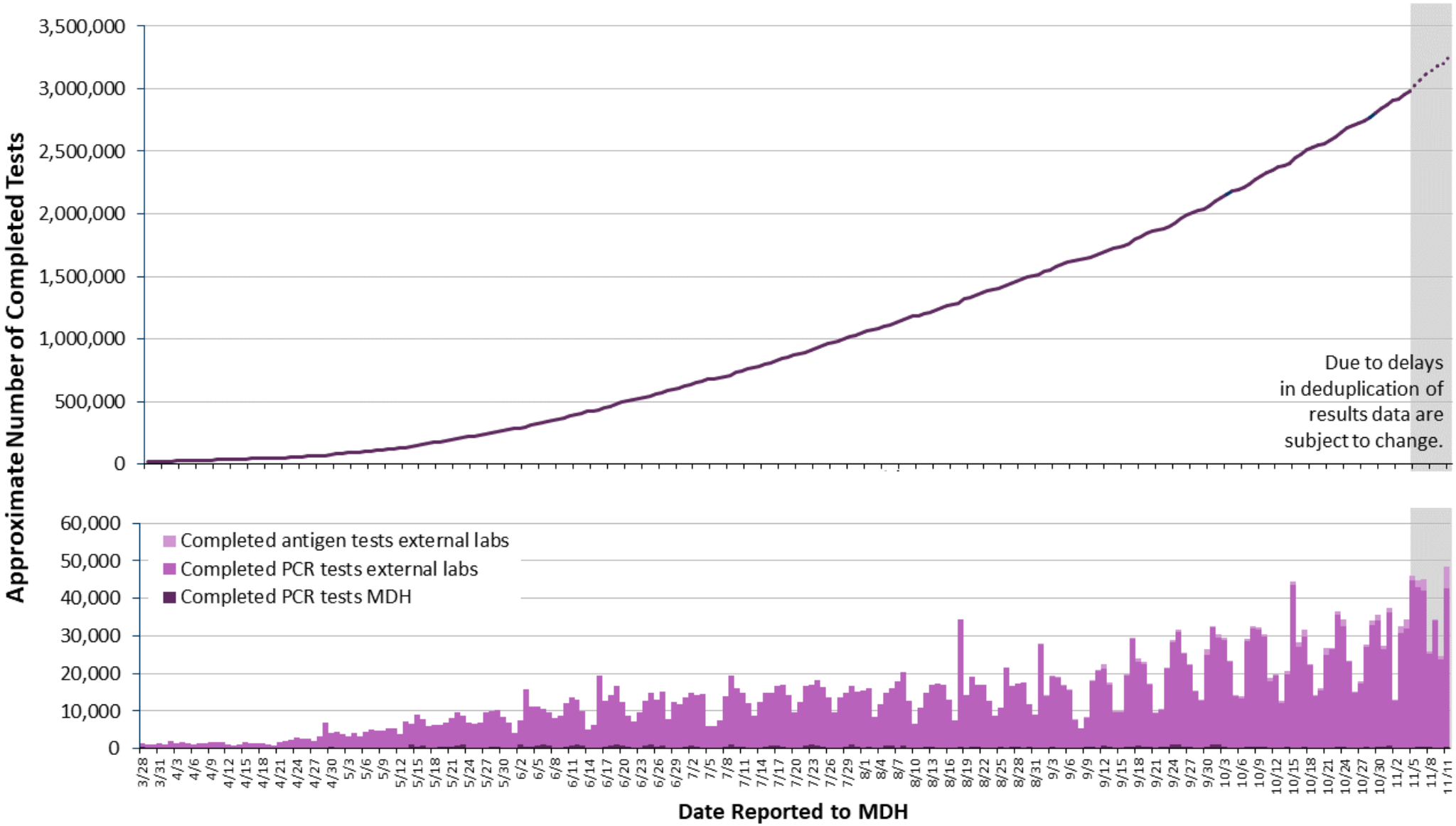


- Current data, updated daily: Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- More information on the MN Phases of Reopening can be found in the Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)

Laboratory Tests for COVID-19

3,253,880
Total Laboratory Tests (cumulative)

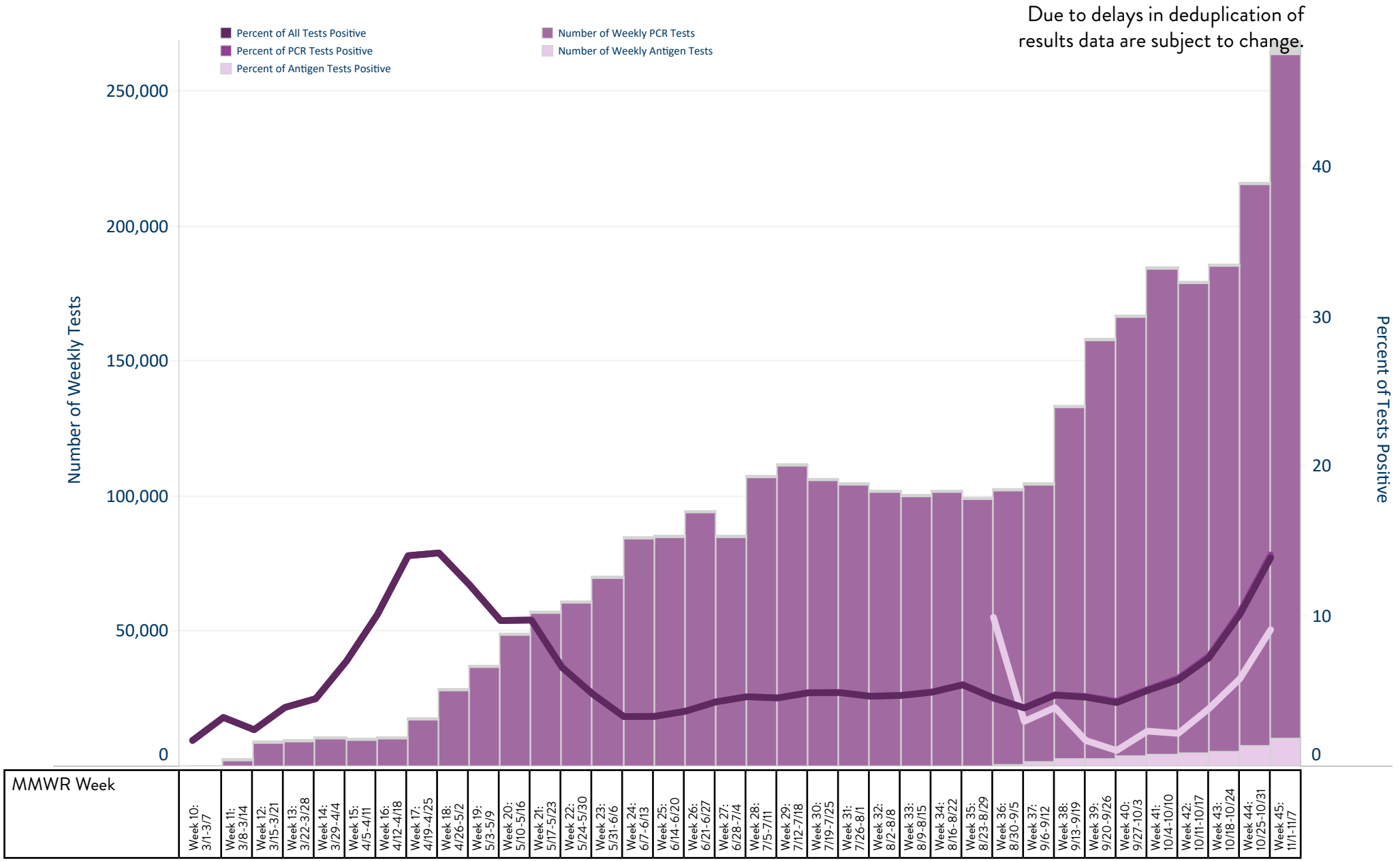
Testing numbers show how many total tests have been done for people who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Total laboratory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

Number of Tests and Percent Positive by Week

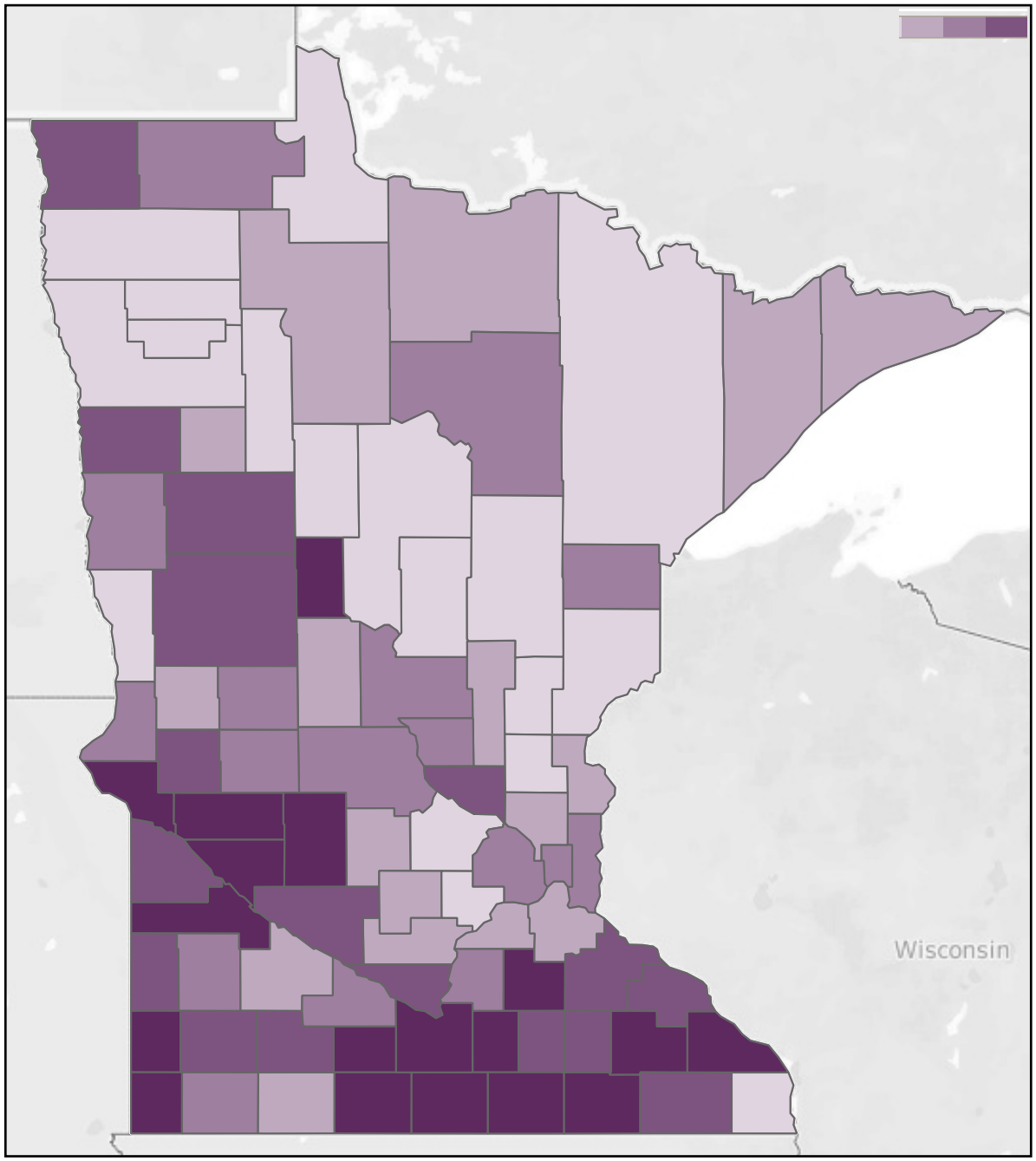
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Numbers include both PCR and antigen tests. Percent positive is the percent of positive tests from the total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



Laboratory Test Rates by County of Residence

5,779
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.

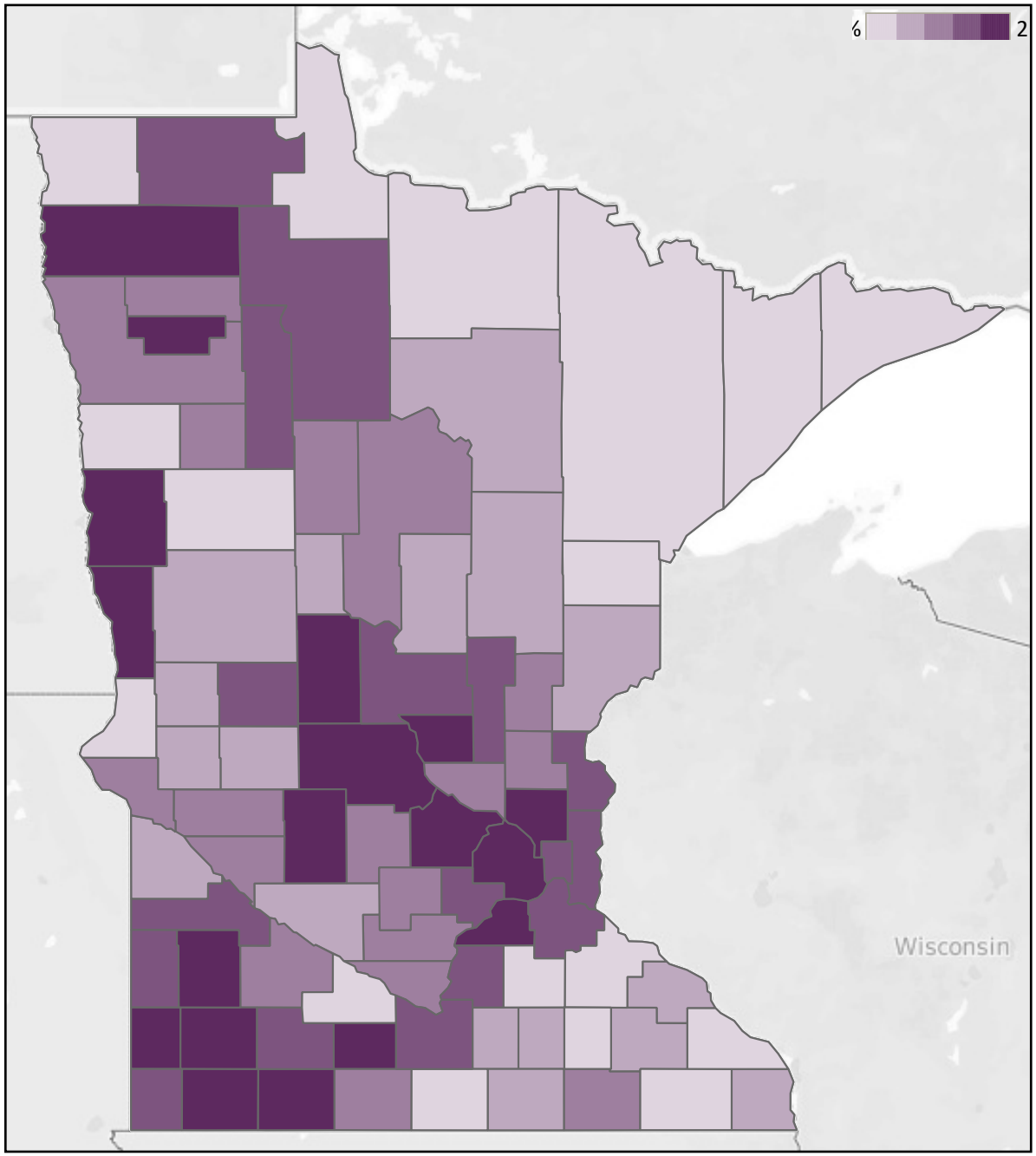


County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	5,858	3,700	Martin	13,812	6,918
Anoka	167,986	4,835	McLeod	15,183	4,238
Becker	20,852	6,174	Meeker	10,474	4,538
Beltrami	20,013	4,340	Mille Lacs	12,727	4,947
Benton	22,748	5,719	Morrison	19,141	5,809
Big Stone	3,765	7,506	Mower	32,938	8,317
Blue Earth	43,756	6,598	Murray	5,154	6,170
Brown	13,825	5,484	Nicollet	20,163	5,968
Carlton	19,072	5,366	Nobles	12,433	5,693
Carver	40,533	4,037	Norman	4,035	6,152
Cass	10,457	3,603	Olmsted	102,899	6,723
Chippewa	10,104	8,413	Otter Tail	33,583	5,791
Chisago	28,356	5,181	Pennington	5,157	3,636
Clay	33,557	5,343	Pine	10,978	3,769
Clearwater	3,314	3,761	Pipestone	6,546	7,127
Cook	2,332	4,391	Polk	12,984	4,110
Cottonwood	6,788	5,969	Pope	5,669	5,163
Crow Wing	26,524	4,154	Ramsey	290,567	5,366
Dakota	200,506	4,794	Red Lake	1,460	3,643
Dodge	12,855	6,246	Redwood	7,715	5,032
Douglas	20,948	5,631	Renville	8,837	6,003
Faribault	8,991	6,470	Rice	55,795	8,484
Fillmore	12,555	6,011	Rock	6,434	6,835
Freeborn	20,619	6,755	Roseau	8,872	5,738
Goodhue	28,487	6,164	Scott	68,876	4,804
Grant	2,830	4,766	Sherburne	57,784	6,198
Hennepin	670,591	5,428	Sibley	7,195	4,825
Houston	7,511	4,025	St. Louis	110,983	5,547
Hubbard	7,504	3,597	Stearns	90,267	5,756
Isanti	14,352	3,682	Steele	22,362	6,097
Itasca	25,328	5,603	Stevens	6,259	6,397
Jackson	4,173	4,153	Swift	6,165	6,551
Kanabec	5,142	3,213	Todd	11,642	4,764
Kandiyohi	33,332	7,814	Traverse	1,784	5,346
Kittson	2,769	6,385	Wabasha	14,190	6,600
Koochiching	6,236	4,932	Wadena	9,946	7,289
Lac qui Parle	4,101	6,055	Waseca	12,905	6,861
Lake	5,506	5,210	Washington	142,549	5,627
Lake of the Woods	1,511	3,967	Watonwan	7,502	6,837
Le Sueur	14,586	5,212	Wilkin	2,347	3,700
Lincoln	3,748	6,567	Winona	38,924	7,655
Lyon	14,212	5,500	Wright	54,334	4,093
Mahnomen	2,263	4,110	Yellow Medicine	6,553	6,641
Marshall	3,554	3,784	Unknown/missing	204,184	

Percent of Tests Positive by County of Residence

6.3%
% positive statewide

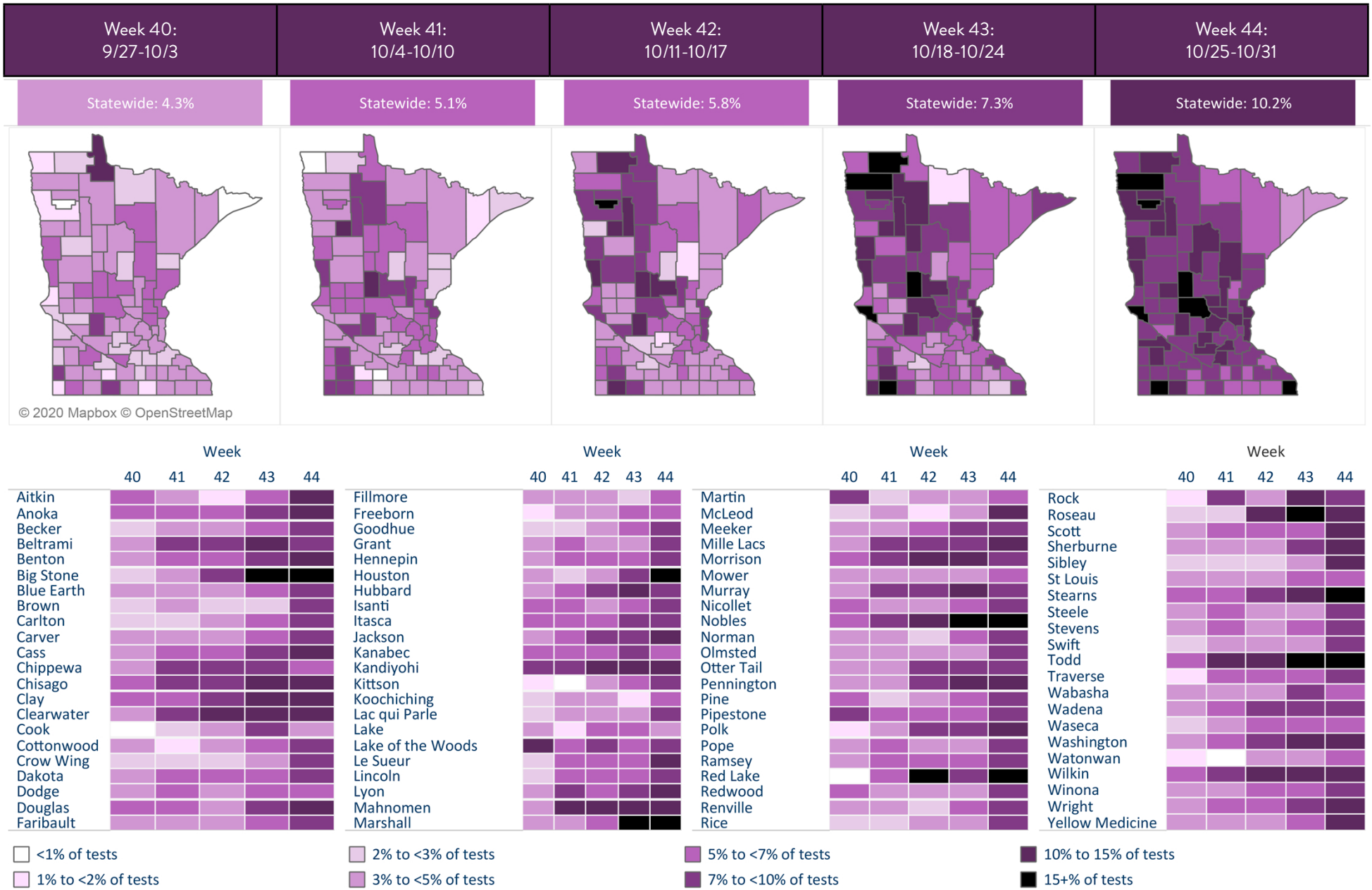
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence. Numbers include both PCR and antigen tests.



County	% Positive	County	% Positive
Aitkin	4.7%	Martin	5.9%
Anoka	8.1%	McLeod	5.8%
Becker	3.9%	Meeker	5.9%
Beltrami	6.3%	Mille Lacs	7.0%
Benton	7.6%	Morrison	7.1%
Big Stone	5.6%	Mower	5.7%
Blue Earth	6.1%	Murray	7.6%
Brown	4.2%	Nicollet	5.4%
Carlton	4.3%	Nobles	21.5%
Carver	6.6%	Norman	4.0%
Cass	5.6%	Olmsted	4.7%
Chippewa	6.1%	Otter Tail	4.4%
Chisago	6.6%	Pennington	5.7%
Clay	8.0%	Pine	4.8%
Clearwater	6.2%	Pipestone	7.6%
Cook	1.7%	Polk	5.3%
Cottonwood	6.0%	Pope	5.1%
Crow Wing	4.6%	Ramsey	7.0%
Dakota	7.0%	Red Lake	7.1%
Dodge	4.3%	Redwood	5.4%
Douglas	6.6%	Renville	4.9%
Faribault	4.3%	Rice	4.3%
Fillmore	3.5%	Rock	6.6%
Freeborn	5.0%	Roseau	7.3%
Goodhue	3.7%	Scott	7.2%
Grant	5.3%	Sherburne	6.2%
Hennepin	7.2%	Sibley	5.9%
Houston	5.1%	St. Louis	4.0%
Hubbard	5.6%	Stearns	9.6%
Isanti	6.1%	Steele	5.1%
Itasca	4.7%	Stevens	4.4%
Jackson	7.7%	Swift	5.5%
Kanabec	5.4%	Todd	10.8%
Kandiyohi	7.4%	Traverse	4.2%
Kittson	4.2%	Wabasha	4.3%
Koochiching	3.9%	Wadena	5.3%
Lac qui Parle	4.7%	Waseca	5.0%
Lake	3.6%	Washington	6.7%
Lake of the Woods	3.9%	Watonwan	8.1%
Le Sueur	6.2%	Wilkin	8.2%
Lincoln	6.2%	Winona	4.4%
Lyon	9.9%	Wright	7.3%
Mahnomen	5.7%	Yellow Medicine	6.3%
Marshall	7.1%	Unknown/missing	1.6%

Weekly Percent of Tests Positive by County of Residence

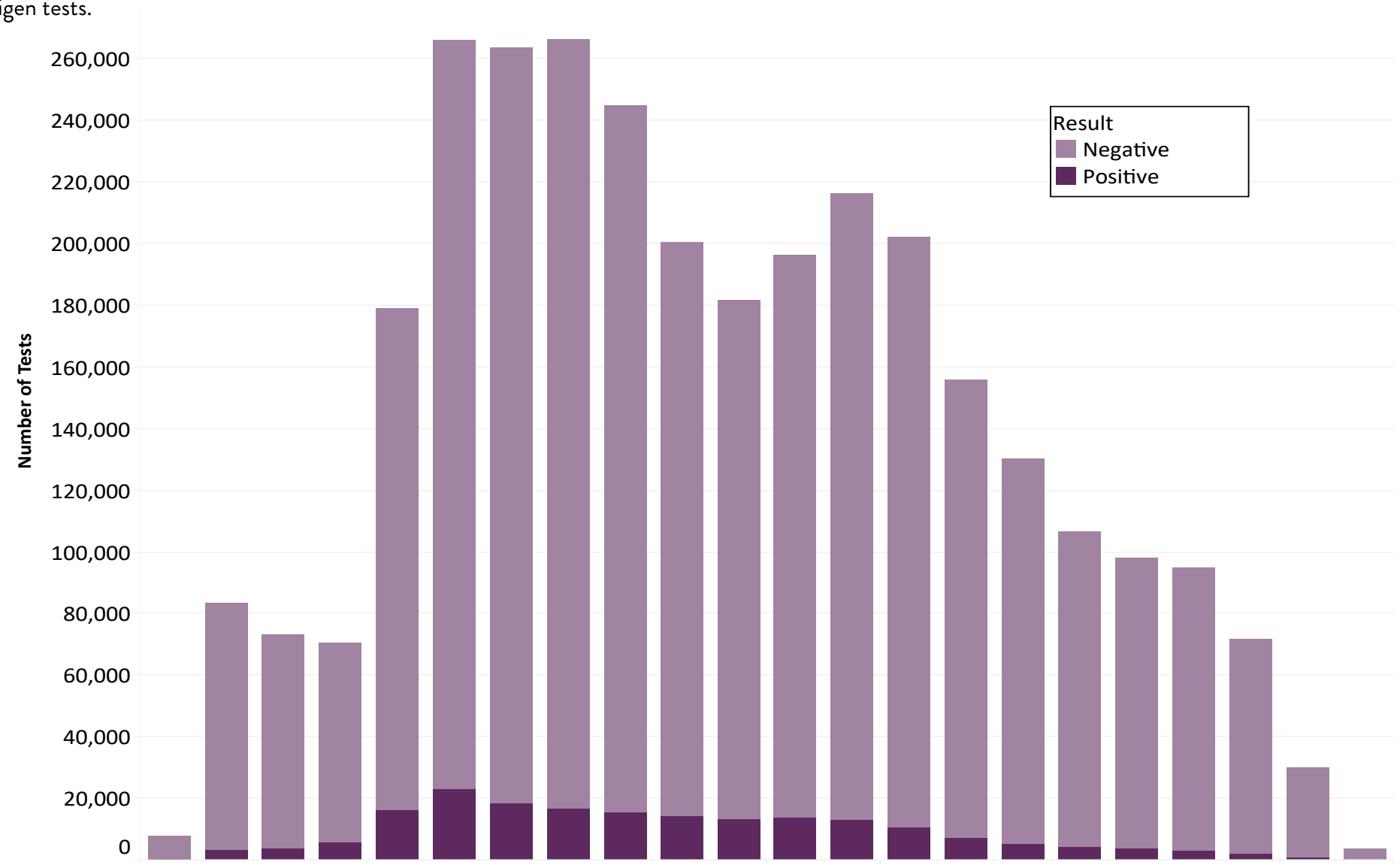
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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

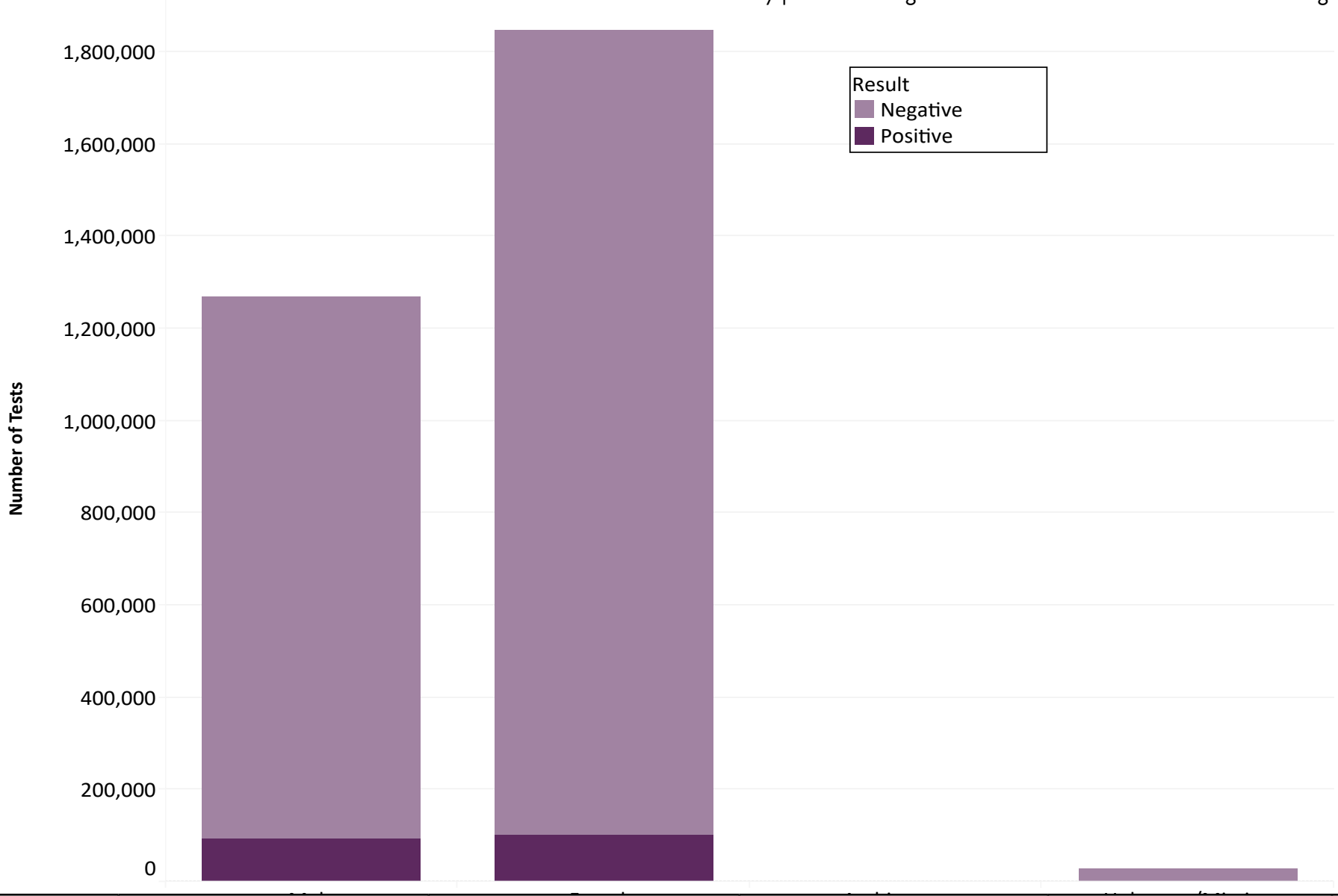
Number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative). Numbers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



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	259	3,467	3,945	6,048	16,161	23,012	18,461	16,781	15,559	14,048	13,528	14,048	13,117	10,581	7,226	5,476	4,315	3,648	3,114	2,046	848	89	195,777
Negative	7,740	80,165	69,302	64,581	162,957	242,876	245,099	249,712	229,091	186,561	168,298	186,561	203,115	191,371	148,546	124,985	102,168	94,404	91,591	69,646	29,184	3,730	2,951,683

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.

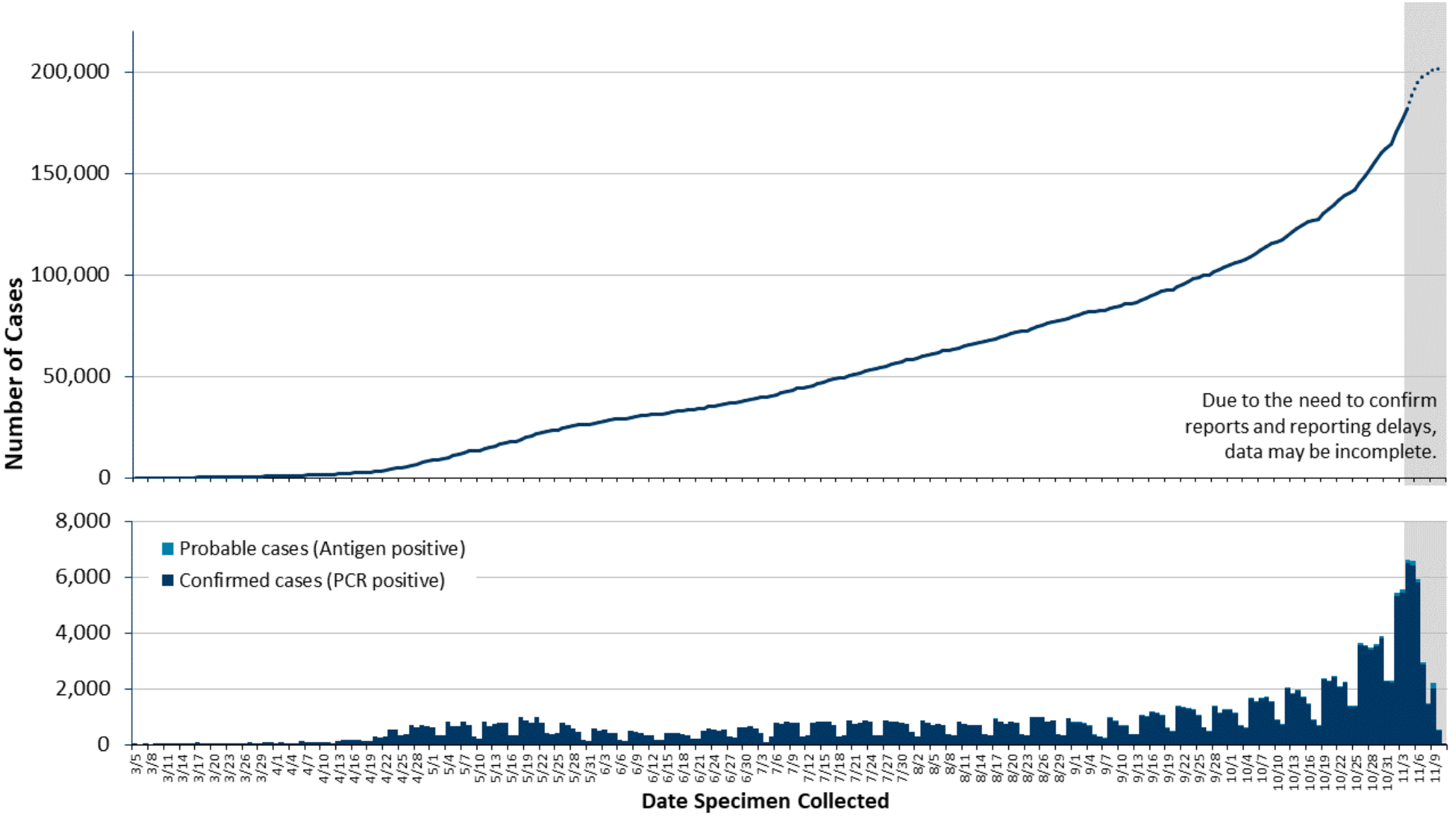


Gender	Male	Female	Other	Unk./missing	Total
Positive	93,816	100,757	5	1,199	195,777
Negative	1,174,981	1,747,243	11	29,448	2,951,683

Positive COVID-19 Cases

201,795
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.



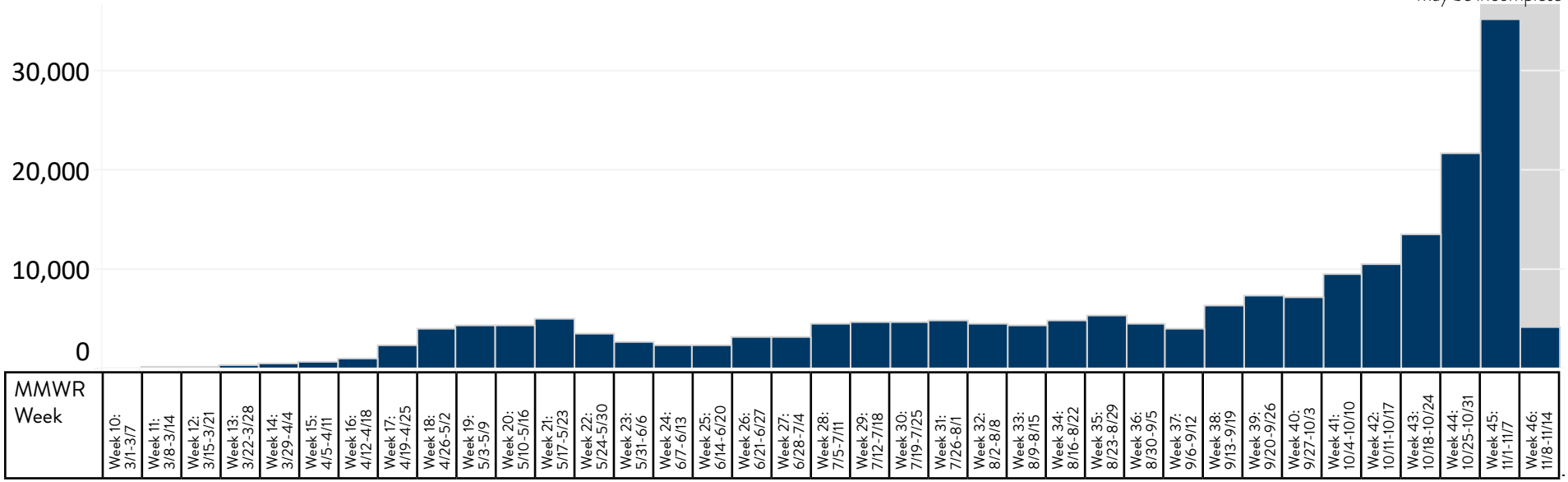
- Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

New Cases by Week, 7-Day Average

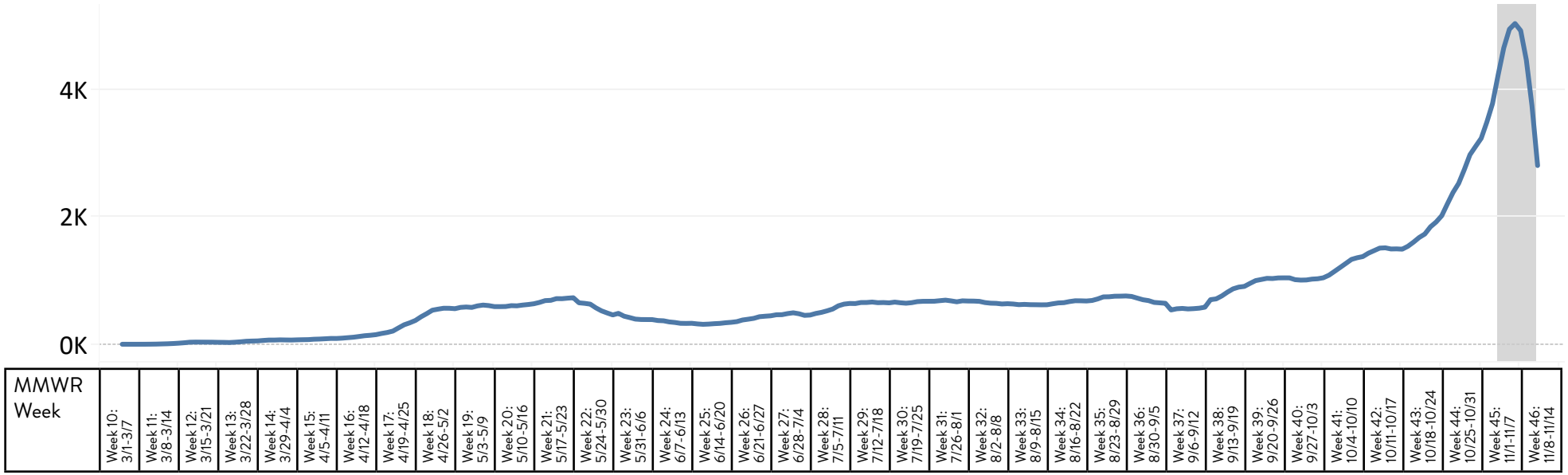
Cases by week of specimen collection date, and 7-day moving average of new cases. Numbers include confirmed and probable cases.

New Cases by Week of Specimen Collection

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

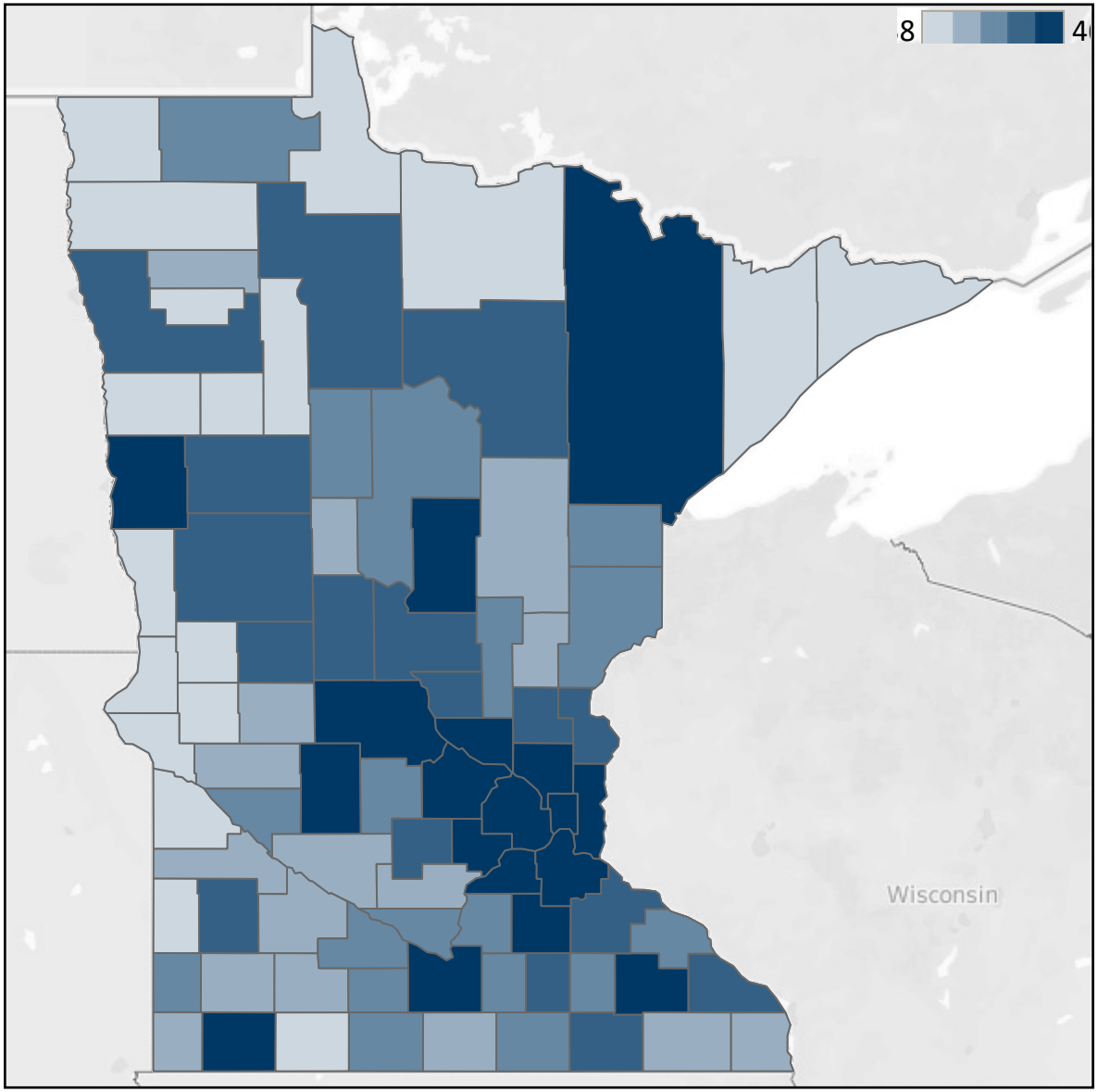


Seven Day Moving Average of New Cases



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.



- 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)

201,795
Total Positive Cases (cumulative)

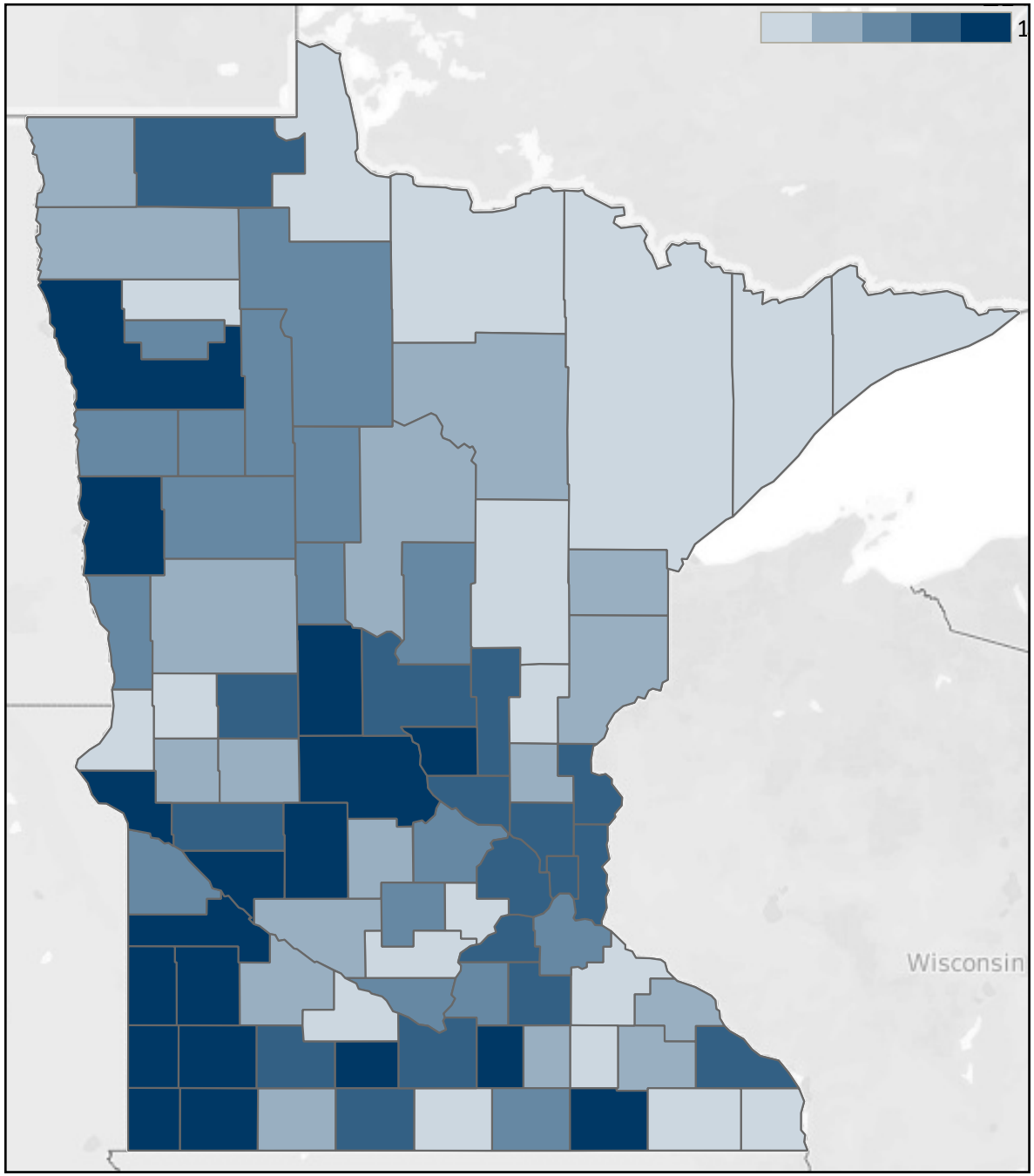
159,467
No Longer Needing Isolation (cumulative)

County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	396	265	Martin	749	642
Anoka	14,363	10,725	McLeod	1,080	715
Becker	1,121	802	Meeker	625	423
Beltrami	1,398	1,086	Mille Lacs	934	566
Benton	1,805	1,297	Morrison	1,259	1,014
Big Stone	218	188	Mower	1,713	1,581
Blue Earth	2,751	2,307	Murray	388	324
Brown	668	434	Nicollet	1,027	827
Carlton	1,013	674	Nobles	2,692	2,481
Carver	2,626	2,104	Norman	232	167
Cass	794	554	Olmsted	4,395	3,710
Chippewa	610	512	Otter Tail	1,631	1,160
Chisago	2,015	1,459	Pennington	331	251
Clay	3,490	2,882	Pine	838	676
Clearwater	272	178	Pipestone	485	384
Cook	38	29	Polk	1,559	1,155
Cottonwood	432	333	Pope	302	200
Crow Wing	2,100	1,476	Ramsey	19,535	15,851
Dakota	14,114	11,310	Red Lake	126	99
Dodge	519	450	Redwood	454	340
Douglas	1,421	953	Renville	433	311
Faribault	334	281	Rice	2,411	1,841
Fillmore	392	316	Rock	463	404
Freeborn	944	779	Roseau	625	481
Goodhue	1,037	796	Scott	5,178	4,060
Grant	152	115	Sherburne	3,461	2,245
Hennepin	46,555	38,151	Sibley	395	295
Houston	412	283	St. Louis	5,036	3,696
Hubbard	702	551	Stearns	9,027	7,242
Isanti	1,080	711	Steele	1,056	876
Itasca	1,222	902	Stevens	288	215
Jackson	296	247	Swift	352	264
Kanabec	380	252	Todd	1,295	1,052
Kandiyohi	2,422	2,030	Traverse	87	67
Kittson	118	85	Wabasha	587	461
Koochiching	238	186	Wadena	472	334
Lac qui Parle	209	159	Waseca	1,026	958
Lake	203	163	Washington	9,395	7,477
Lake of the Woods	65	57	Watonwan	635	604
Le Sueur	904	733	Wilkin	227	167
Lincoln	242	212	Winona	1,882	1,494
Lyon	1,401	1,109	Wright	4,438	3,292
Mahnomen	167	138	Yellow Medicine	424	344
Marshall	281	214	Unknown/missing	327	233

Cumulative Case Rate by County of Residence

365
cases per 10,000 people

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

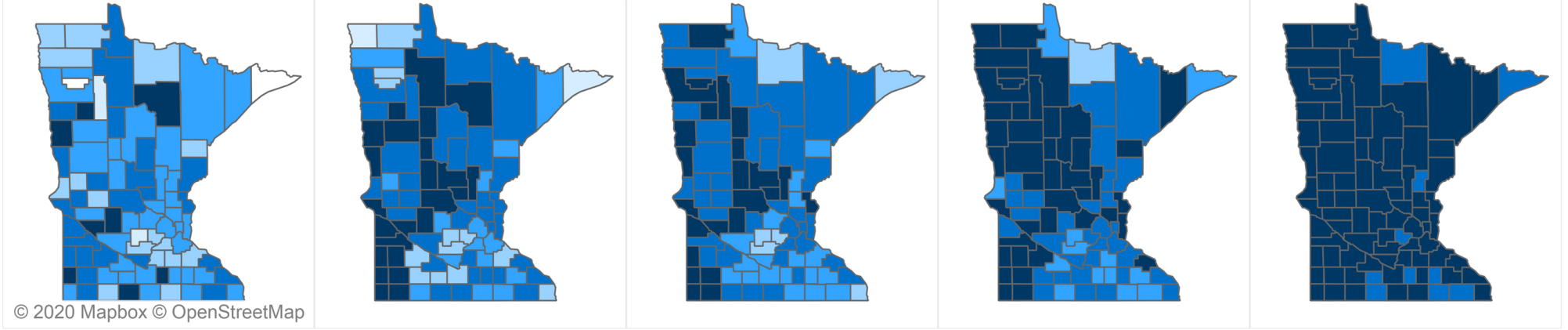


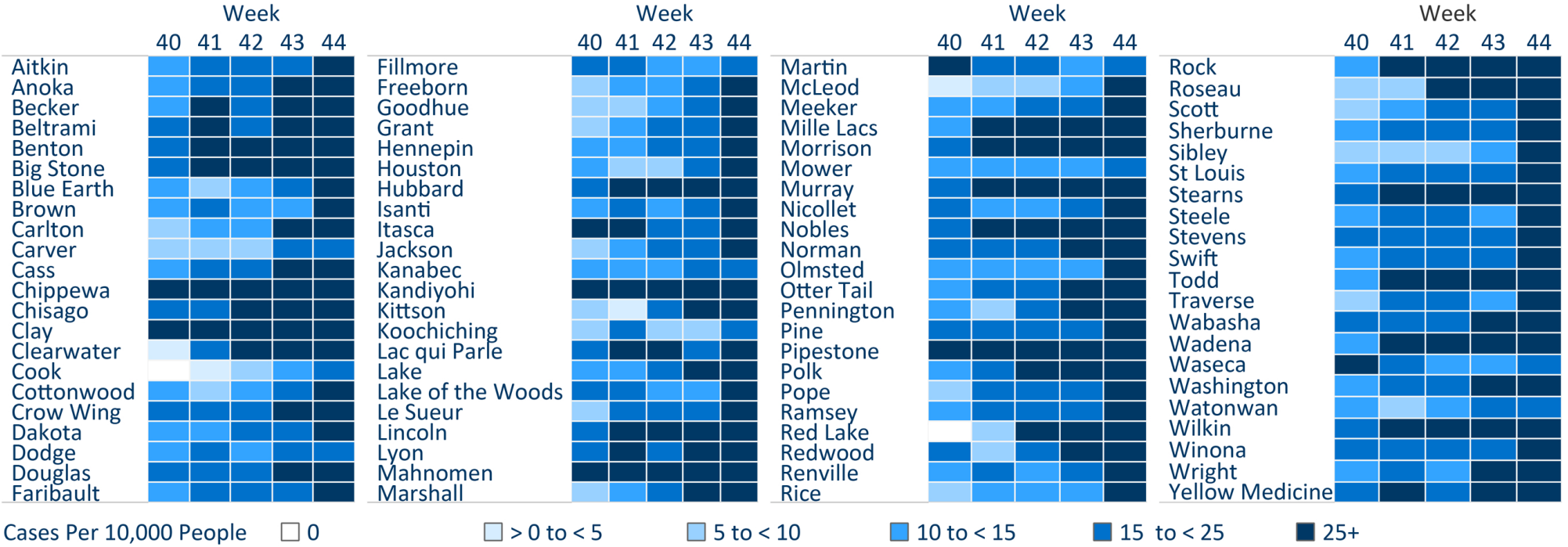
County	Cumulative Rate	County	Cumulative Rate
Aitkin	250	Martin	375
Anoka	413	McLeod	301
Becker	332	Meeker	271
Beltrami	303	Mille Lacs	363
Benton	454	Morrison	382
Big Stone	435	Mower	433
Blue Earth	415	Murray	465
Brown	265	Nicollet	304
Carlton	285	Nobles	1,233
Carver	262	Norman	354
Cass	274	Olmsted	287
Chippewa	508	Otter Tail	281
Chisago	368	Pennington	233
Clay	556	Pine	288
Clearwater	309	Pipestone	528
Cook	72	Polk	493
Cottonwood	380	Pope	275
Crow Wing	329	Ramsey	361
Dakota	337	Red Lake	314
Dodge	252	Redwood	296
Douglas	382	Renville	294
Faribault	240	Rice	367
Fillmore	188	Rock	492
Freeborn	309	Roseau	404
Goodhue	224	Scott	361
Grant	256	Sherburne	371
Hennepin	377	Sibley	265
Houston	221	St. Louis	252
Hubbard	336	Stearns	576
Isanti	277	Steele	288
Itasca	270	Stevens	294
Jackson	295	Swift	374
Kanabec	237	Todd	530
Kandiyohi	568	Traverse	261
Kittson	272	Wabasha	273
Koochiching	188	Wadena	346
Lac qui Parle	309	Waseca	545
Lake	192	Washington	371
Lake of the Woods	171	Watonwan	579
Le Sueur	323	Wilkin	358
Lincoln	424	Winona	370
Lyon	542	Wright	334
Mahnomen	303	Yellow Medicine	430
Marshall	299		

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.

Week 40: 9/27-10/3	Week 41: 10/4-10/10	Week 42: 10/11-10/17	Week 43: 10/18-10/24	Week 44: 10/25-10/31
Statewide: 13.1	Statewide: 17.3	Statewide: 19.0	Statewide: 24.4	Statewide: 39.4





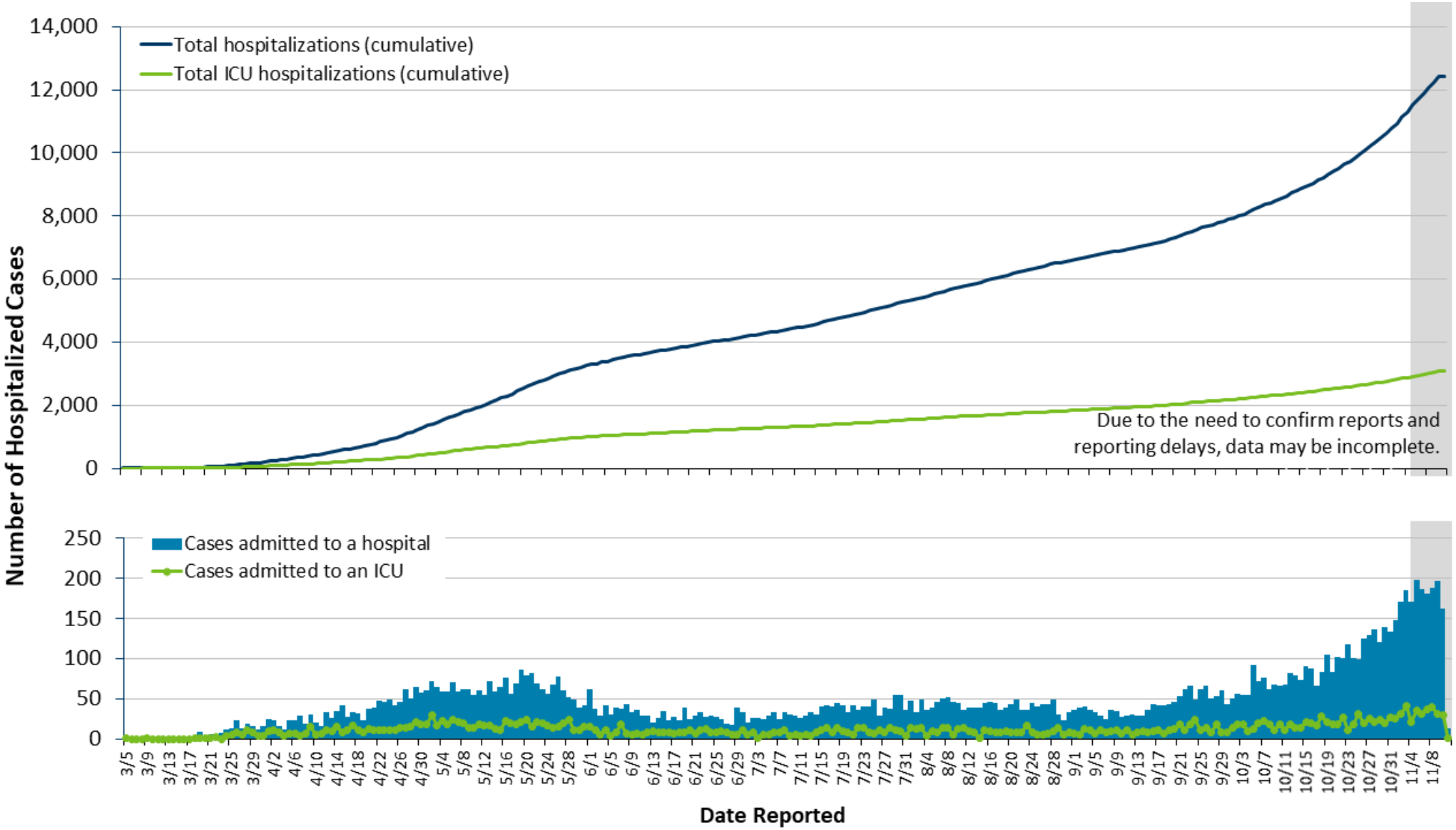
- Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

Hospitalizations, ICU Hospitalizations

12,443
Total Hospitalizations (cumulative)

3,086
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.

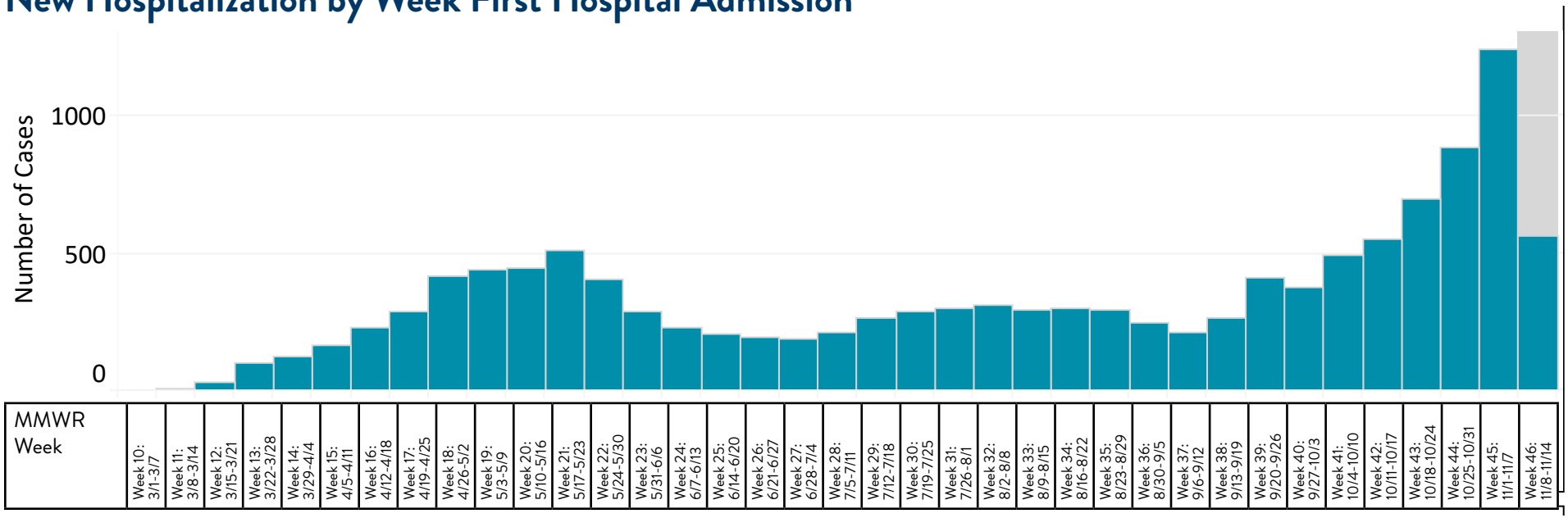


- Tables of current data: [Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)](https://www.health.state.mn.us/diseases/coronavirus/situation.html)

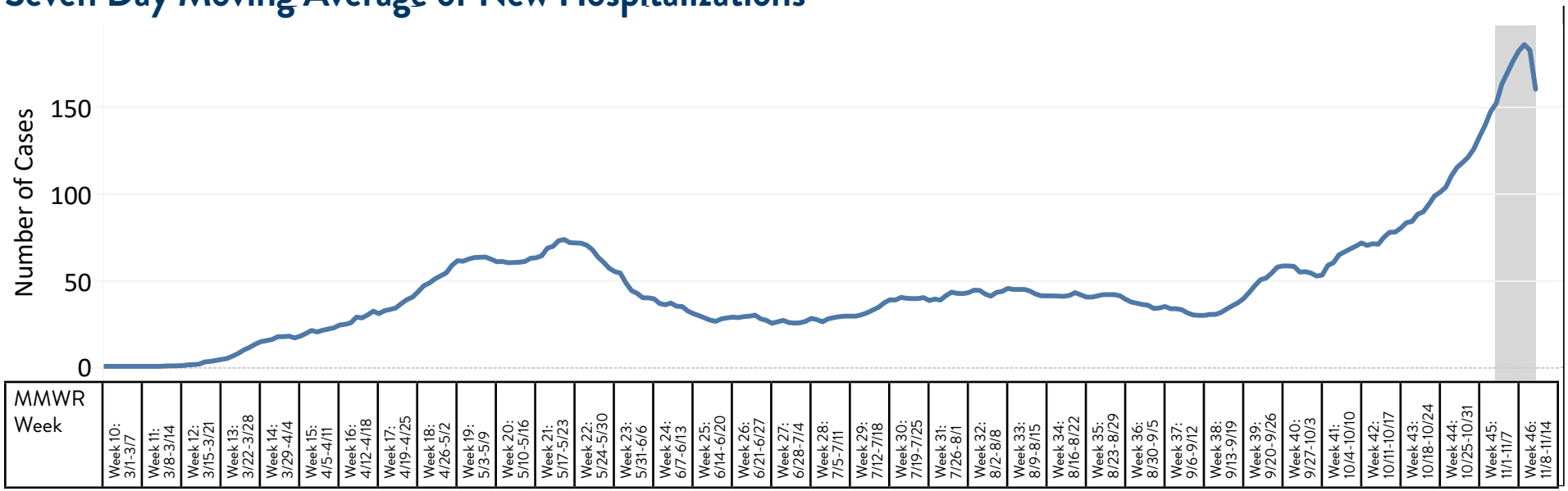
Hospitalizations by Week, 7-Day Average

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



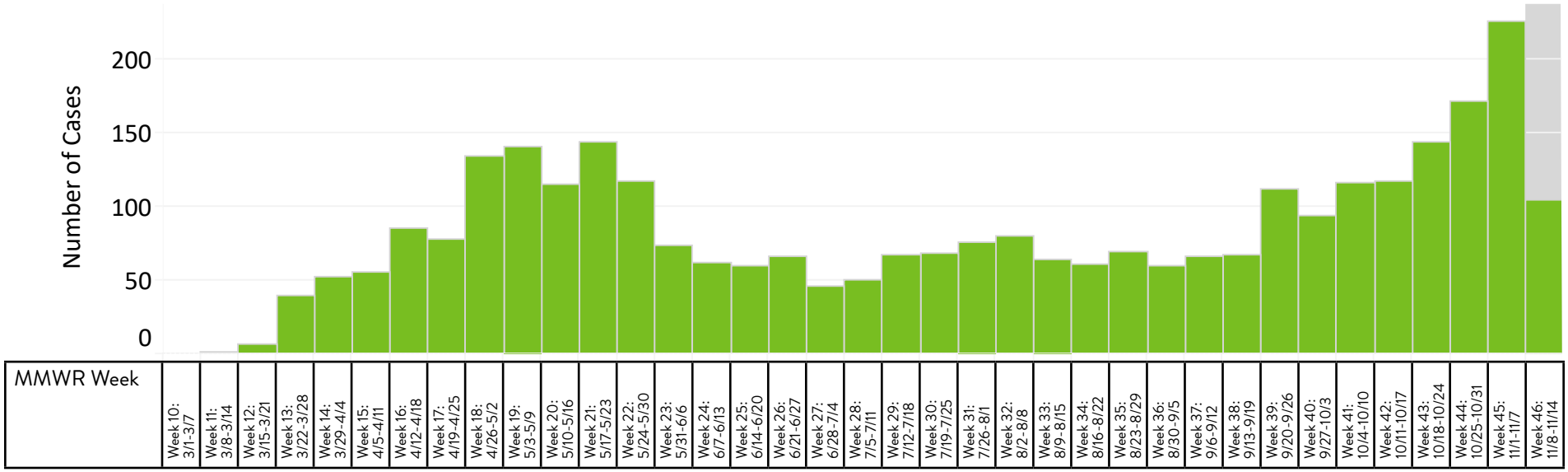
Seven Day Moving Average of New Hospitalizations



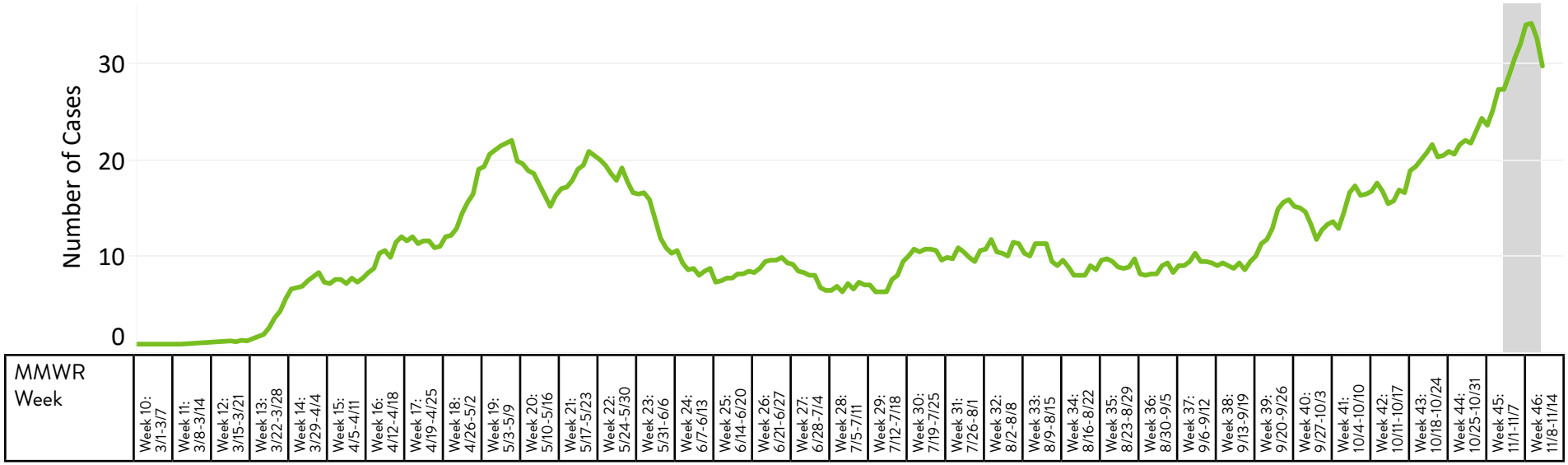
ICU Hospitalizations by Week, 7-Day Average

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



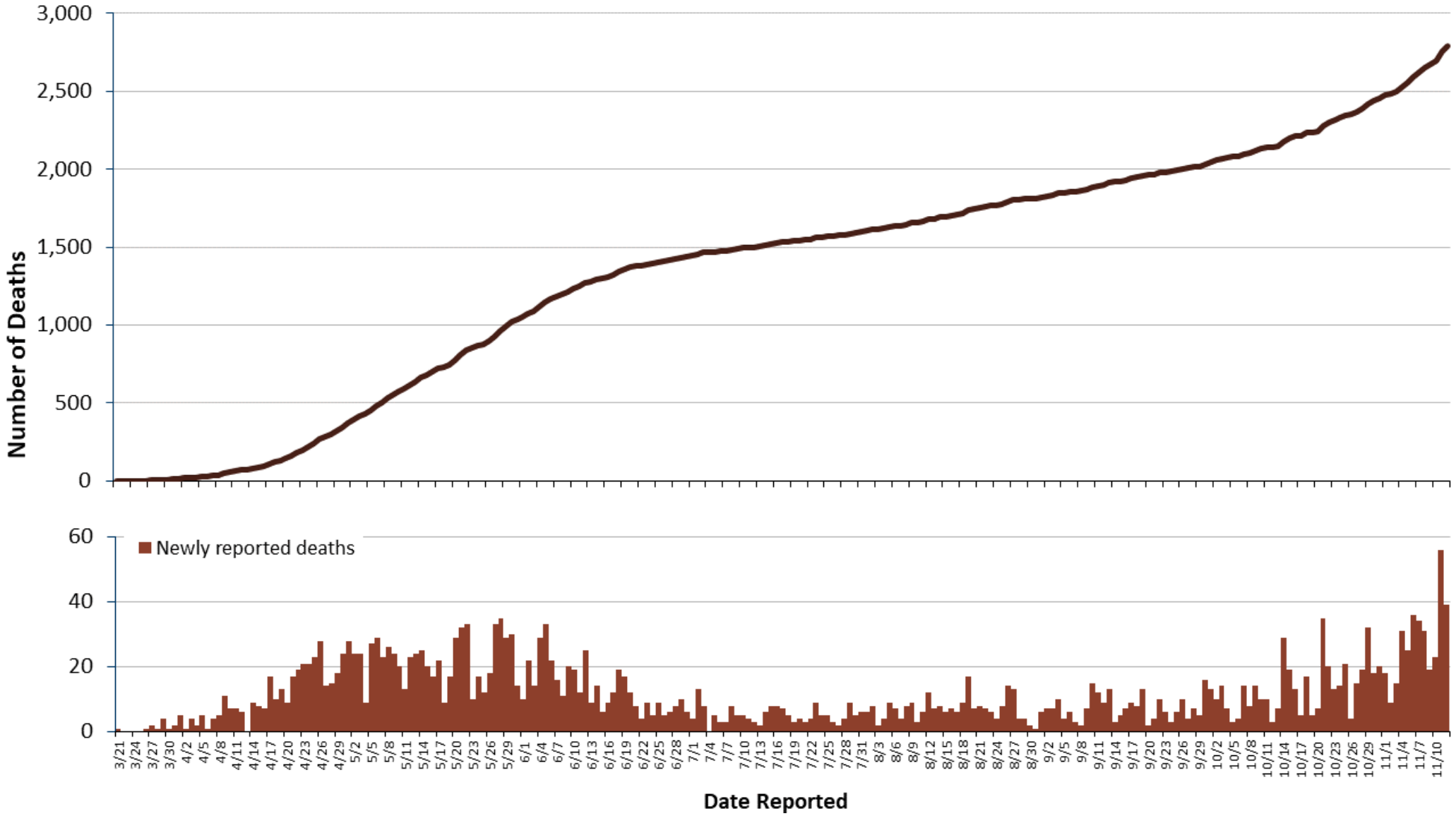
Seven Day Moving Average of New ICU Hospitalizations



COVID-19 Deaths

2,793
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.).

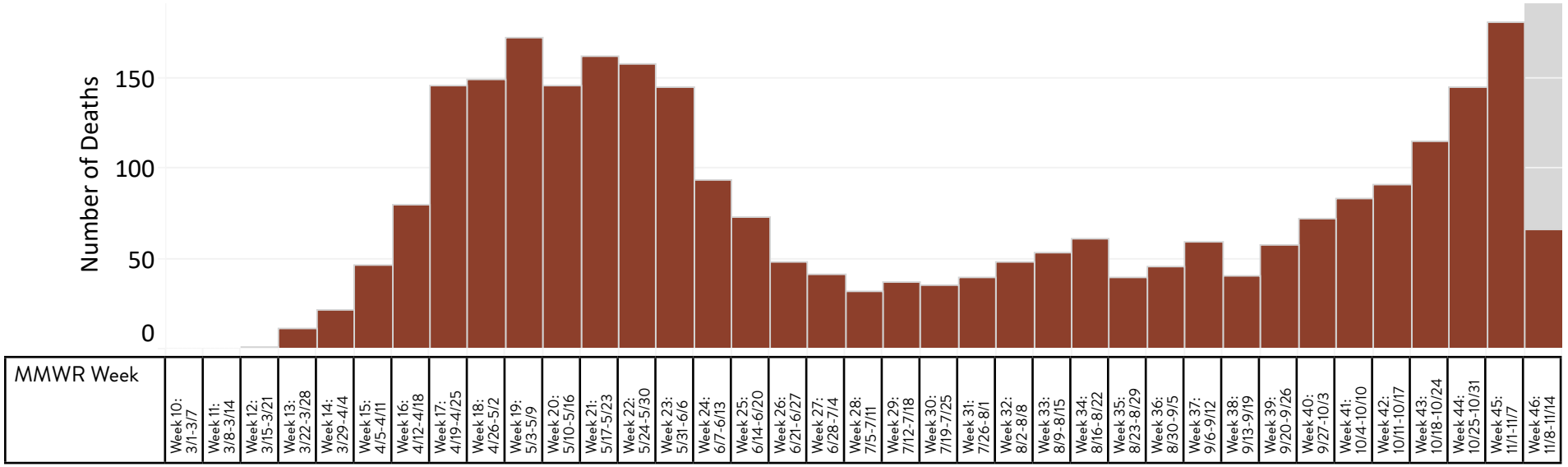


- Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: [Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)]

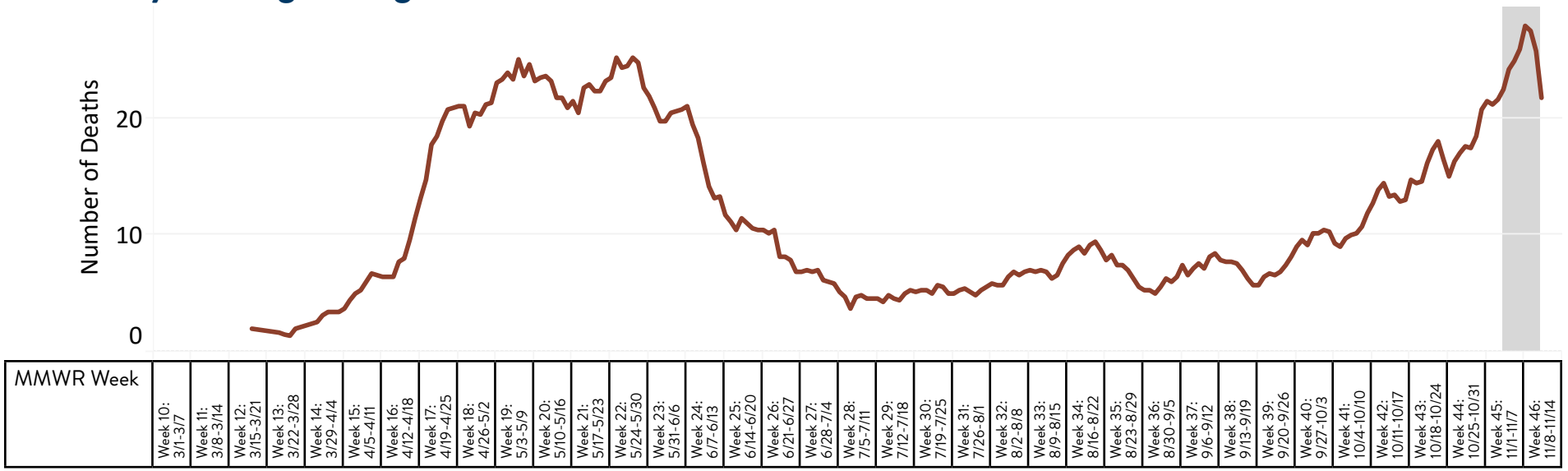
Deaths by Week, 7-Day Average

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

Deaths by Week of Death



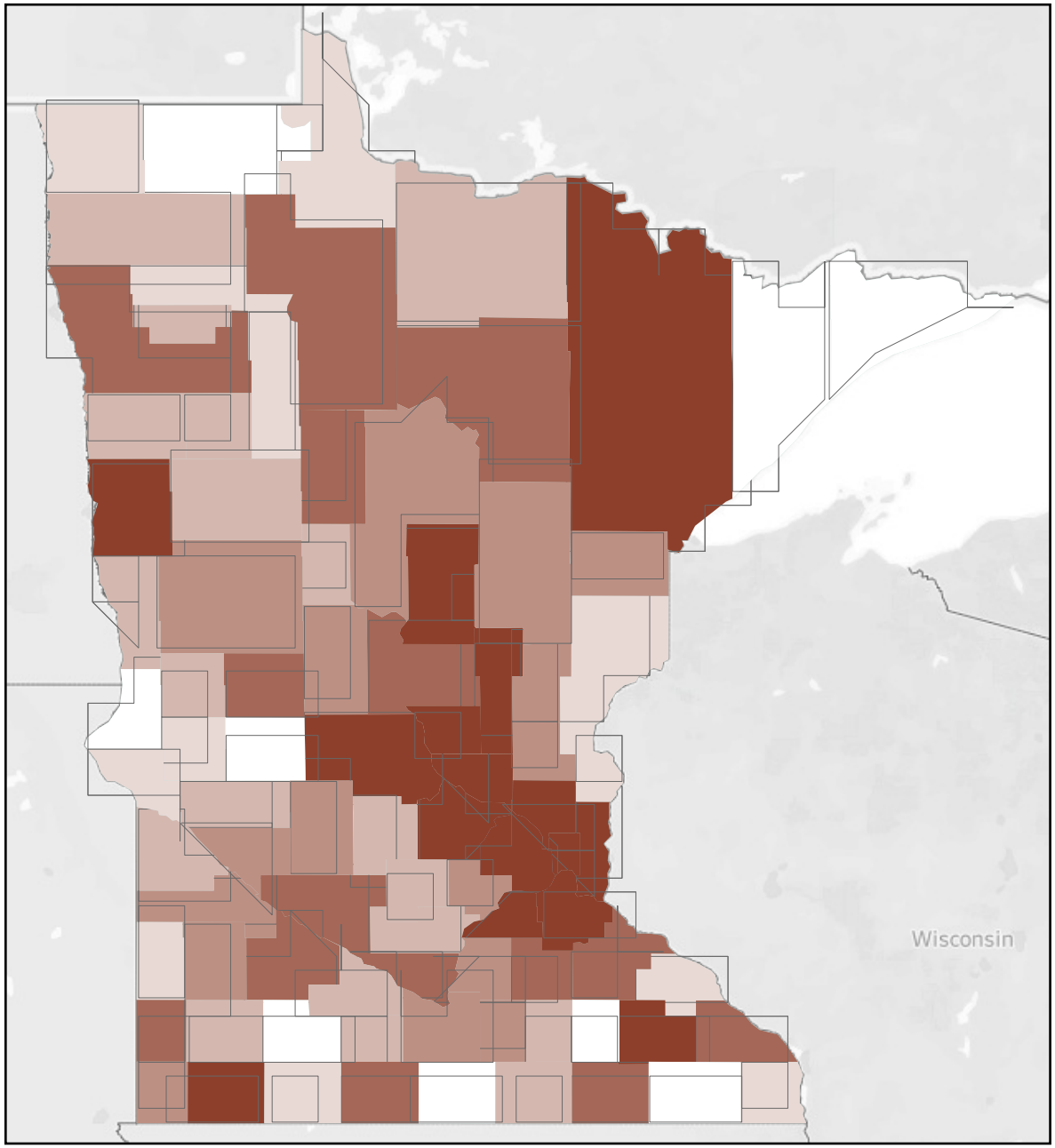
Seven Day Moving Average of Deaths



Deaths by County of Residence

2,793
Total Deaths (cumulative)

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



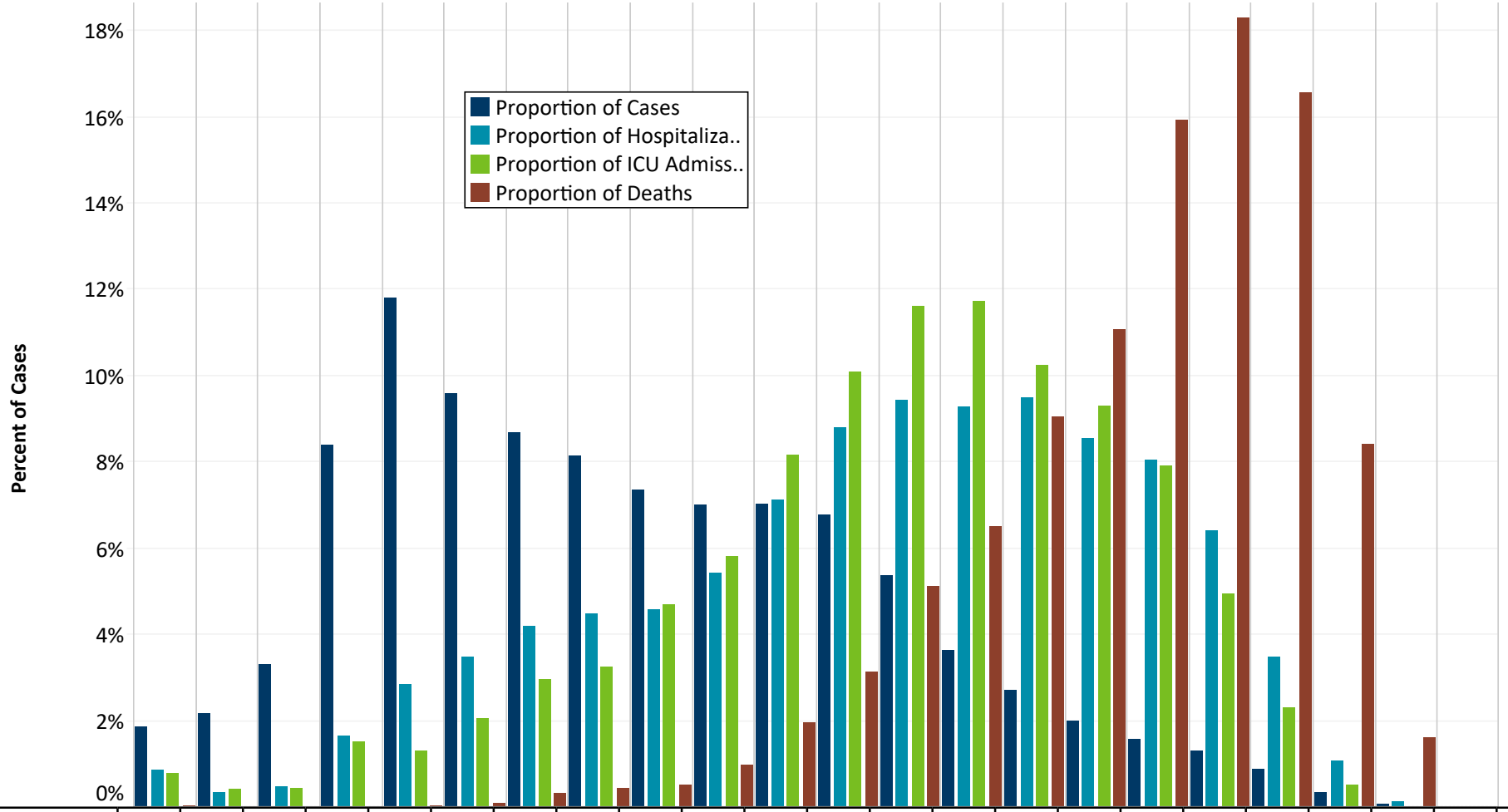
County	Deaths	County	Deaths
Aitkin	9	Martin	19
Anoka	185	McLeod	5
Becker	4	Meeker	5
Beltrami	13	Mille Lacs	22
Benton	26	Morrison	14
Big Stone	1	Mower	21
Blue Earth	8	Murray	3
Brown	5	Nicollet	20
Carlton	8	Nobles	24
Carver	9	Norman	5
Cass	8	Olmsted	30
Chippewa	6	Otter Tail	11
Chisago	2	Pennington	2
Clay	48	Pine	4
Clearwater	2	Pipestone	17
Cook	0	Polk	15
Cottonwood	0	Pope	0
Crow Wing	23	Ramsey	423
Dakota	156	Red Lake	3
Dodge	0	Redwood	14
Douglas	14	Renville	14
Faribault	0	Rice	20
Fillmore	0	Rock	9
Freeborn	5	Roseau	1
Goodhue	18	Scott	47
Grant	5	Sherburne	30
Hennepin	1,033	Sibley	3
Houston	2	St. Louis	79
Hubbard	12	Stearns	68
Isanti	10	Steele	5
Itasca	18	Stevens	1
Jackson	1	Swift	3
Kanabec	11	Todd	10
Kandiyohi	8	Traverse	0
Kittson	1	Wabasha	2
Koochiching	5	Wadena	6
Lac qui Parle	3	Waseca	10
Lake	0	Washington	84
Lake of the Woods	1	Watonwan	4
Le Sueur	7	Wilkin	4
Lincoln	1	Winona	21
Lyon	6	Wright	25
Mahnomen	3	Yellow Medicine	8
Marshall	5	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 and probable cases.

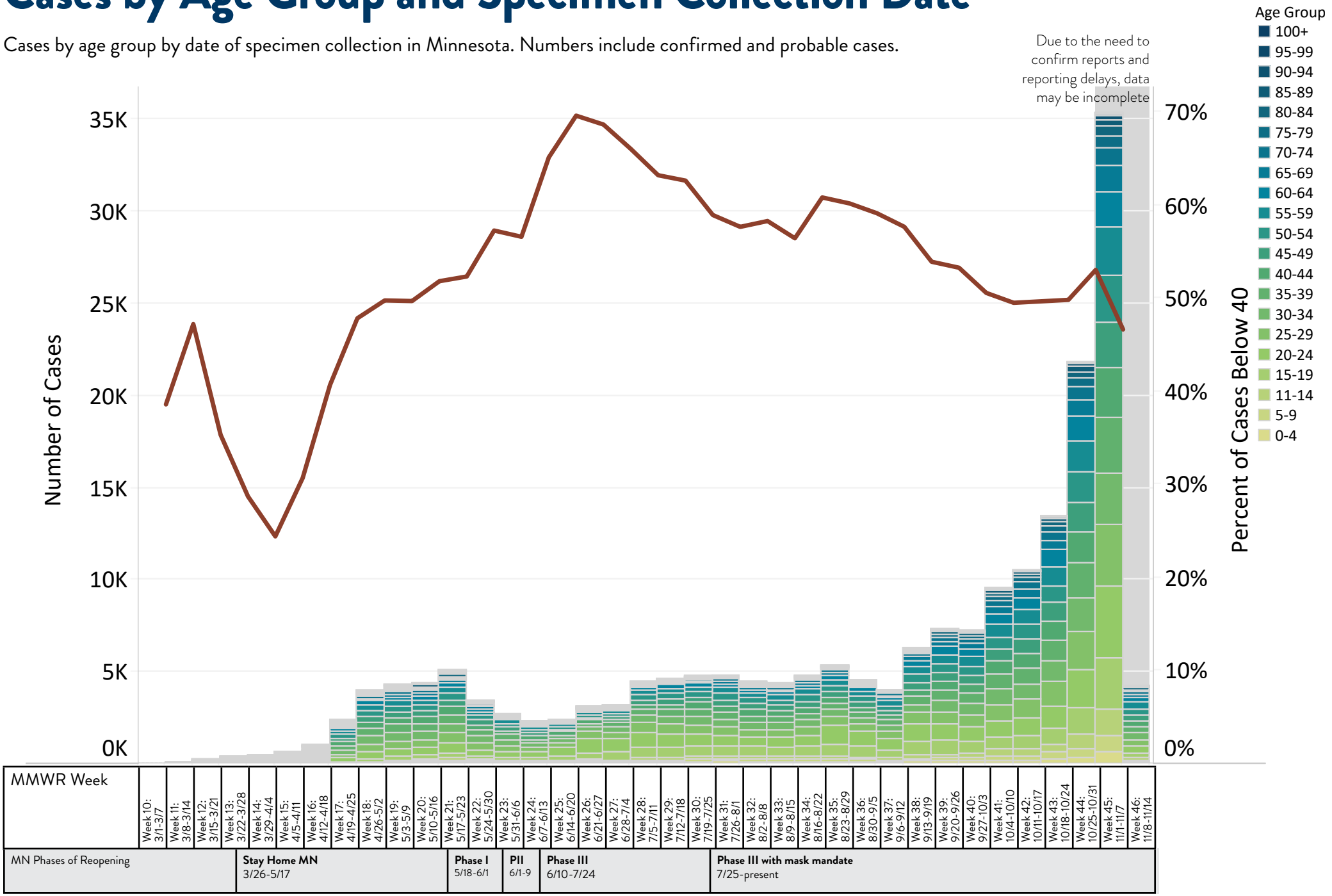
	Median Age (Range) in Years
All Cases	37 (<1 month – 110)
Non-Hospitalized Cases	36 (<1 month - 110)
Hospitalizations	63 (<1 month - 105)
ICU Hospitalizations	63 (<1 month - 99)
Deaths	83 (<1 - 109)



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	3,754	4,369	6,687	16,926	23,824	19,325	17,491	16,440	14,855	14,130	14,205	13,703	10,841	7,299	5,491	4,030	3,201	2,606	1,775	710	129	4	201,795
Hospitalizations	104	43	59	203	352	431	520	556	570	674	885	1,096	1,172	1,155	1,179	1,065	1,002	798	431	133	15	0	12,443
ICU Hospitalizations	24	13	14	47	40	63	91	100	145	179	252	311	358	362	316	287	244	153	71	16	0	0	3,086
Deaths	1	0	0	0	1	3	9	12	14	27	54	86	142	182	251	309	441	511	467	235	48	0	2,793

Cases by Age Group and Specimen Collection Date

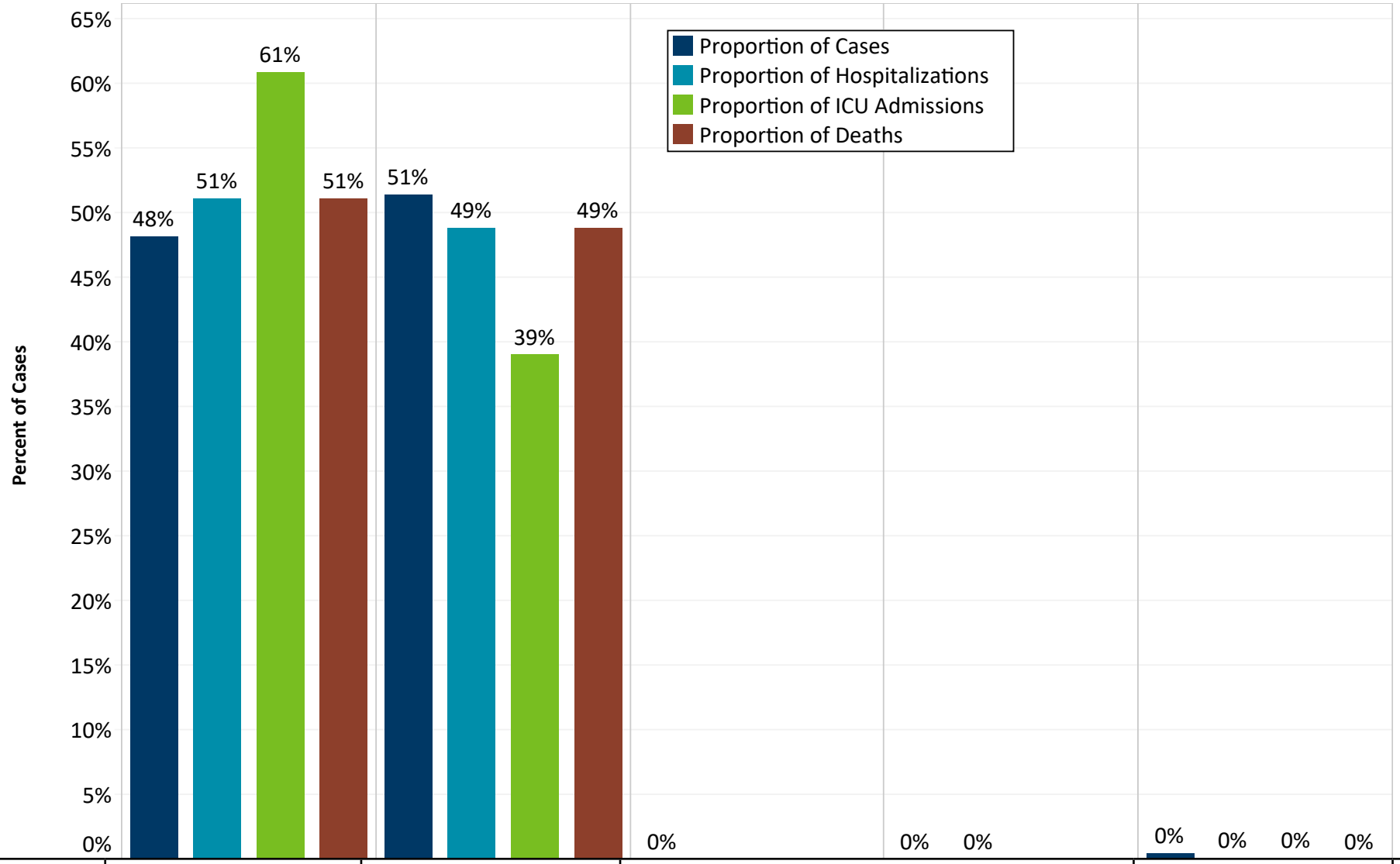
Cases by age group by date of specimen collection in Minnesota. Numbers include confirmed and probable cases.



- 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)

Demographics: Gender

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

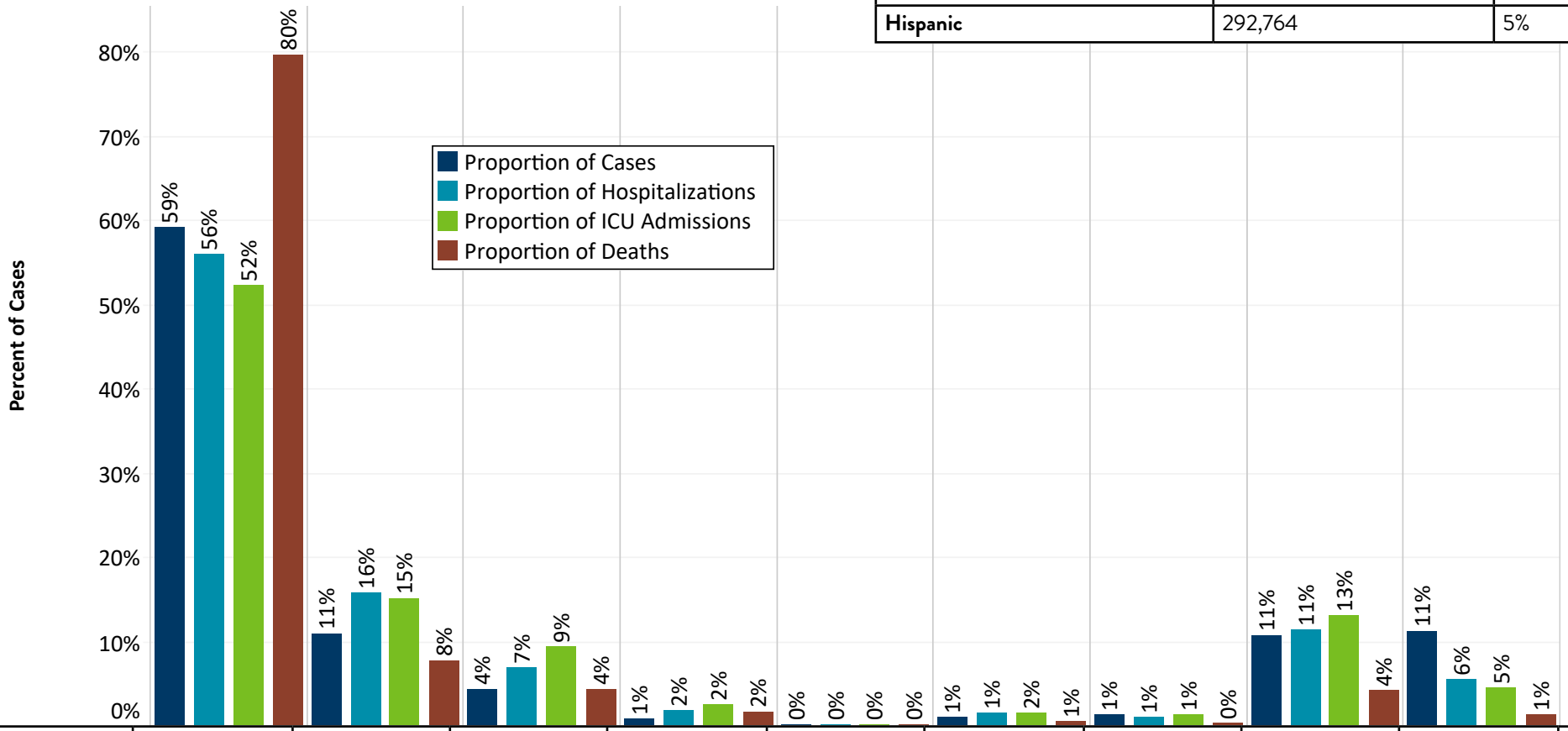


Gender	Male	Female	Other	Unk./missing	Total
All Cases	97,177	103,729	16	873	201,795
Hospitalizations	6,352	6,074	1	16	12,443
ICU Hospitalizations	1,878	1,204	0	4	3,086
Deaths	1,423	1,368	0	2	2,793

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.

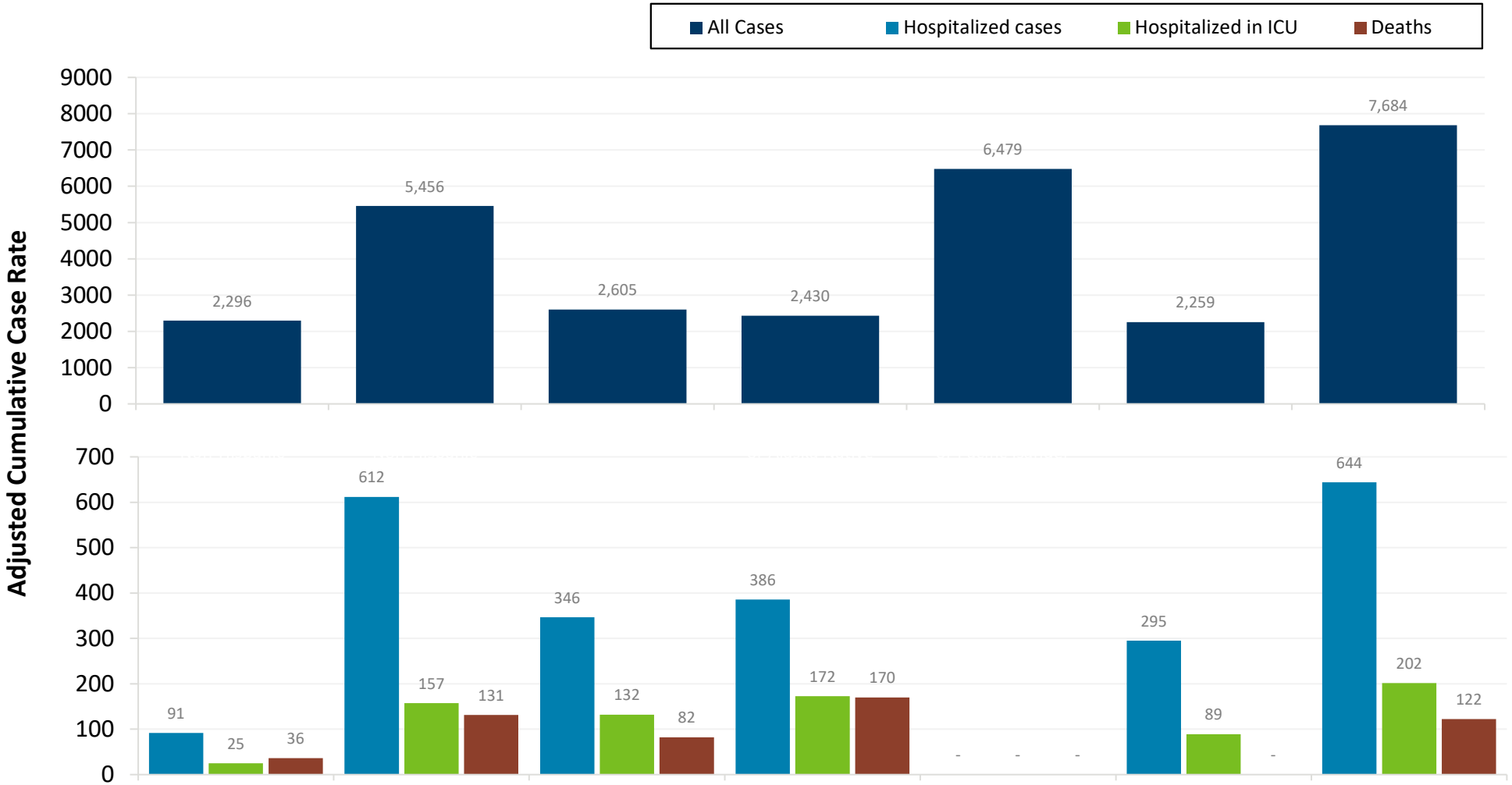
Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	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	119,578	21,896	8,914	1,755	219	2,154	2,821	21,705	22,753	201,795
Hospitalizations	6,968	1,978	848	224	12	178	123	1,418	694	12,443
ICU Hospitalizations	1,612	469	290	77	3	48	39	407	141	3,086
Deaths	2,227	214	121	45	3	15	8	116	44	2,793

Age-Adjusted Race & Ethnicity Rates

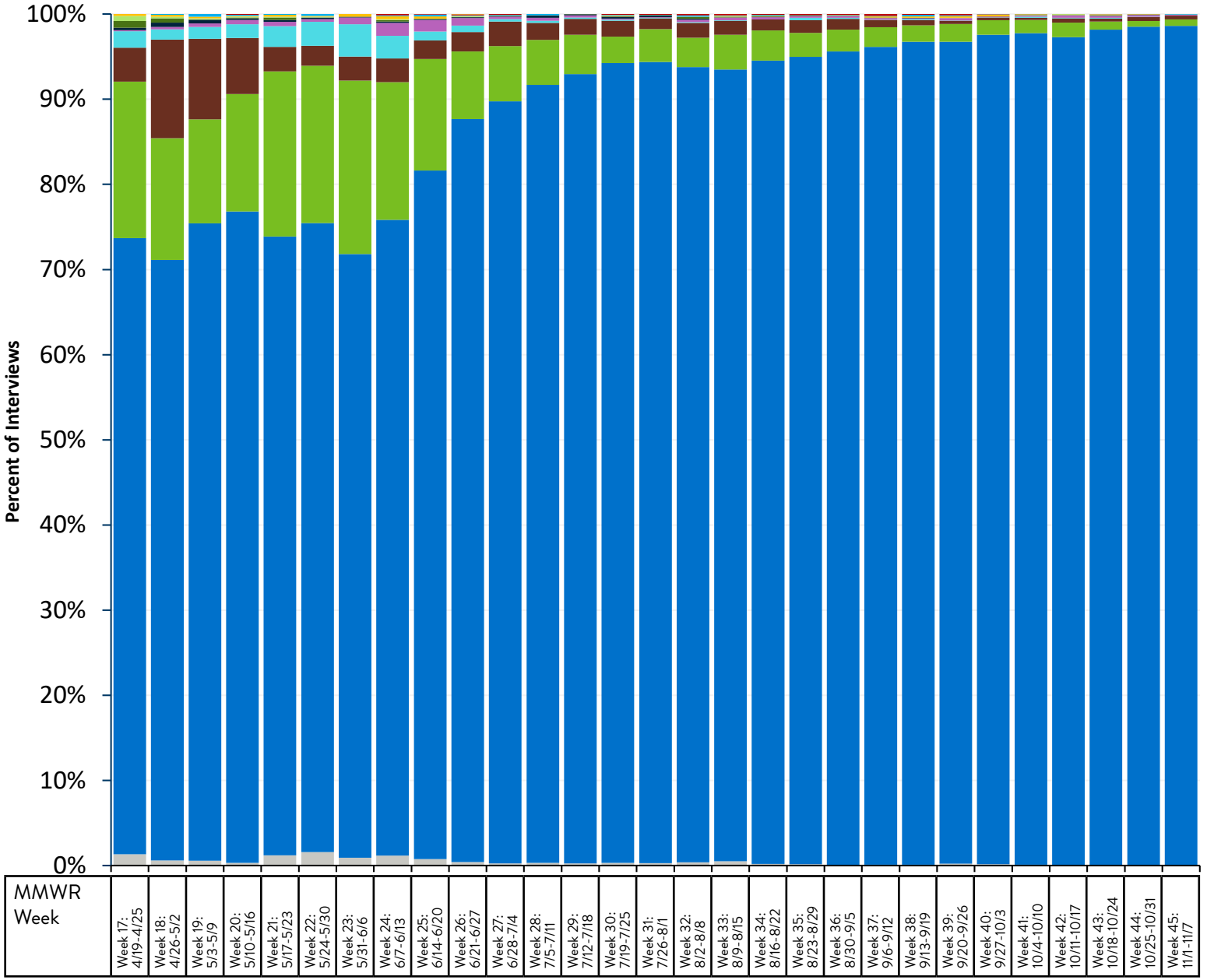
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total 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	2,296	5,456	2,605	2,430	6,479	2,259	7,684
Hospitalizations	91	612	346	386	-	295	644
ICU Hospitalizations	25	157	132	172	-	89	202
Deaths	36	131	82	170	-	-	122

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	2%
Spanish	5%
English	91%
Other	<1%

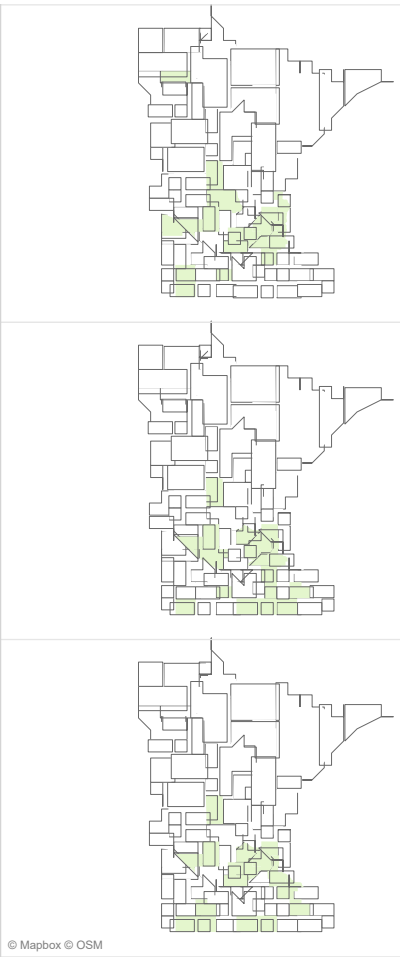
Interview Language by County of Residence

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

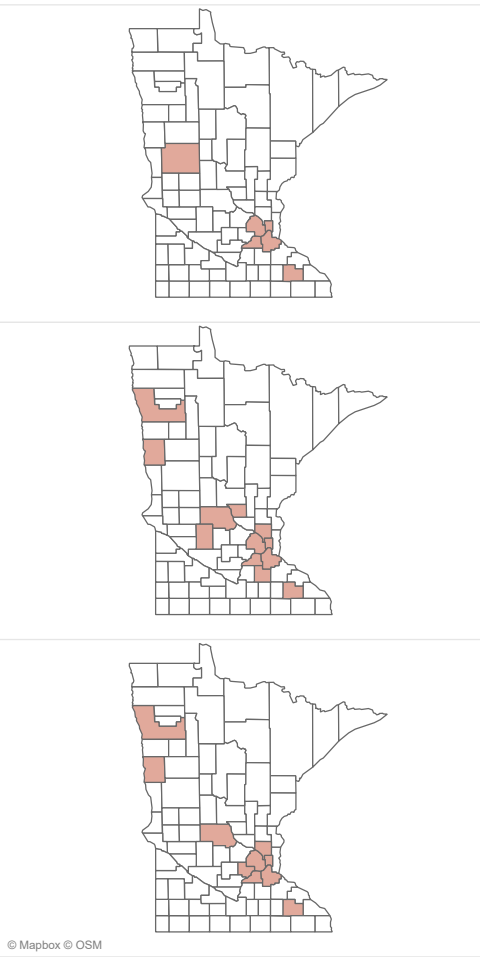
Percent of Interviews by Language and Week

MMWR Week		
Week 42: 10/11-10/17	English	97.2%
	Spanish	1.7%
	Somali	0.5%
	Hmong	0.3%
	Karen	0.1%
	Vietnamese	0.0%
	Amharic	0.0%
	Other	0.1%
Week 43: 10/18-10/24	English	98.1%
	Spanish	1.0%
	Somali	0.4%
	Hmong	0.2%
	Karen	0.1%
	Oromo	0.1%
	Vietnamese	0.0%
	Amharic	0.0%
	Other	0.2%
Week 44: 10/25-10/31	English	98.5%
	Spanish	0.7%
	Somali	0.5%
	Hmong	0.2%
	Karen	0.1%
	Oromo	0.0%
	Vietnamese	0.0%
	Other	0.1%

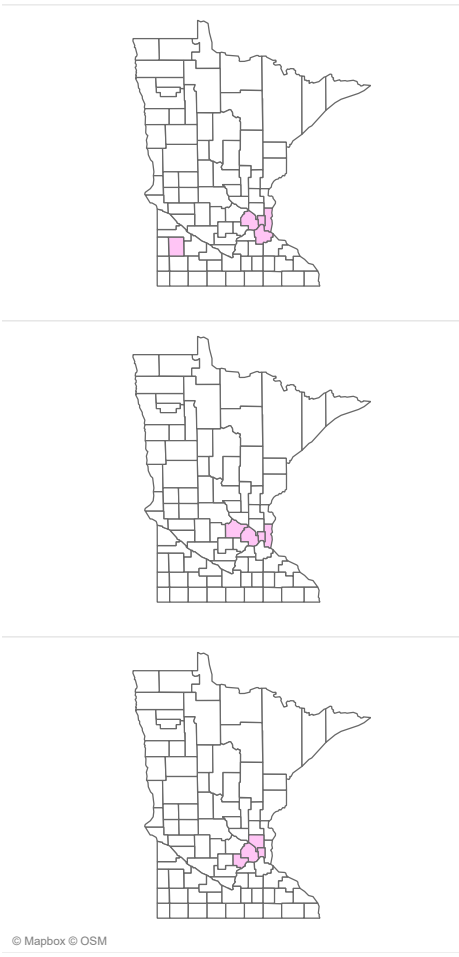
Spanish Language Interviews by Week and County



Somali Language Interviews by Week and County

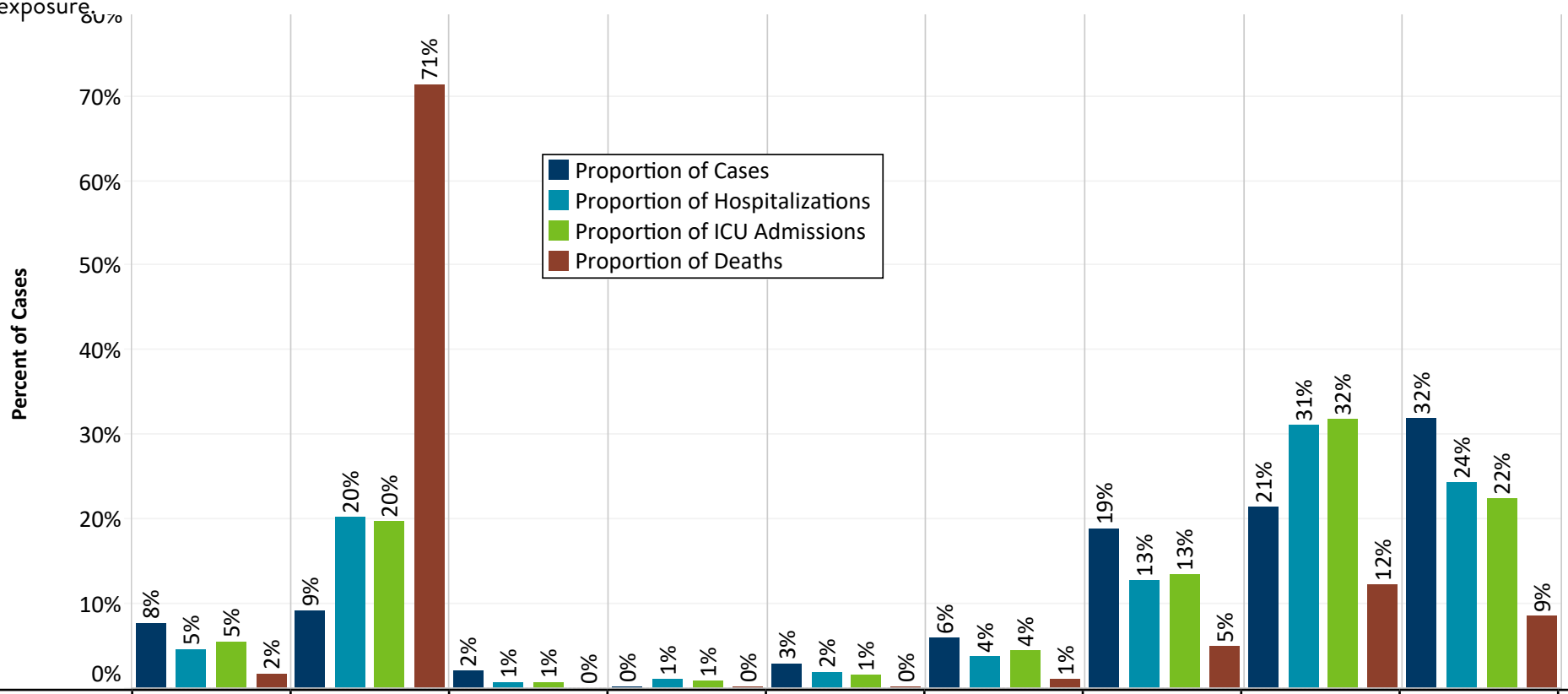


Hmong Language Interviews by Week and County



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.

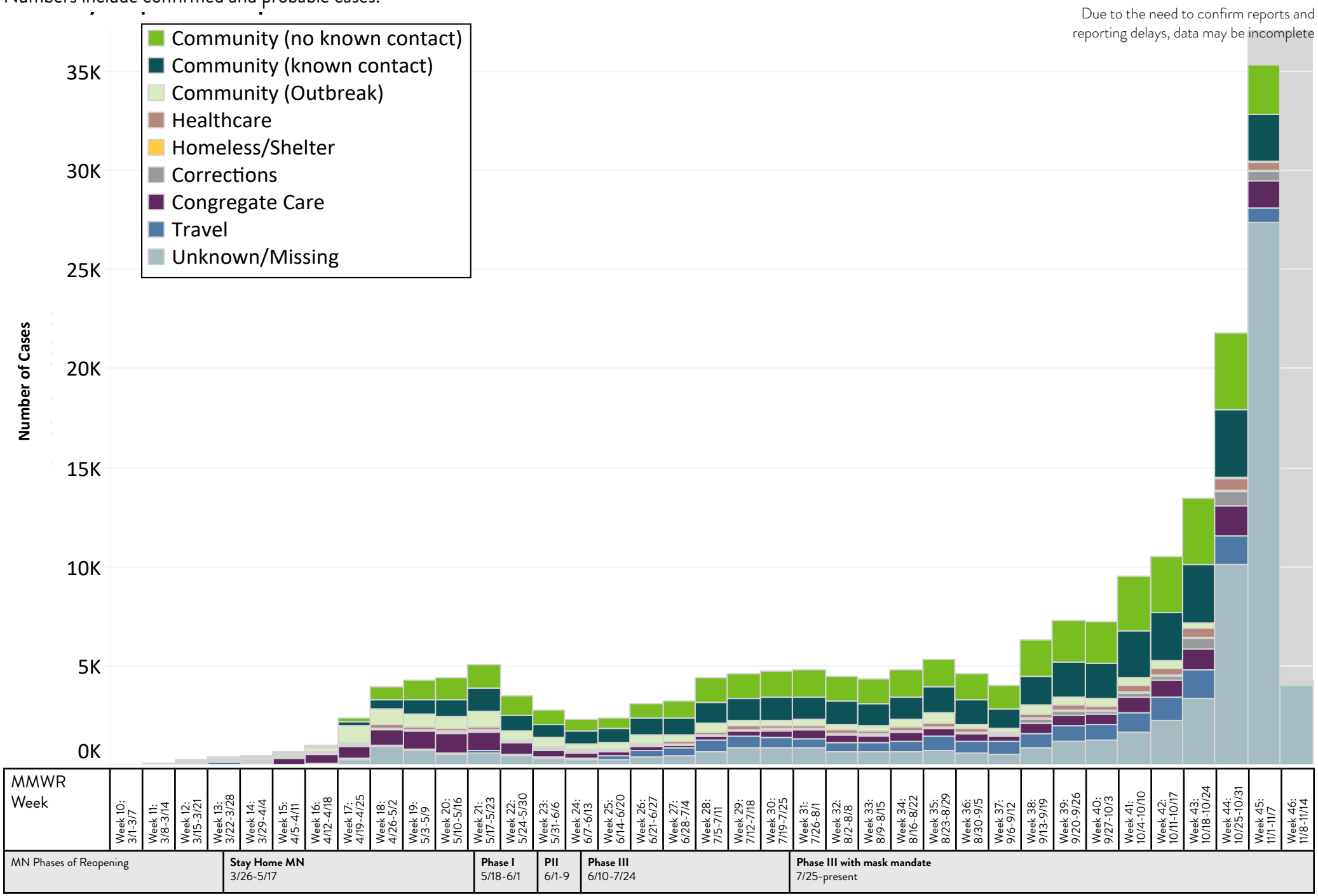


Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/ Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	14,394	16,581	3,479	425	5,126	11,666	34,677	39,623	75,824	201,795
Hospitalizations	567	2,505	77	126	224	458	1,586	3,869	3,031	12,443
ICU Hospitalizations	166	607	23	25	45	134	412	982	692	3,086
Deaths	45	1,998	2	4	4	26	135	339	240	2,793

- 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.

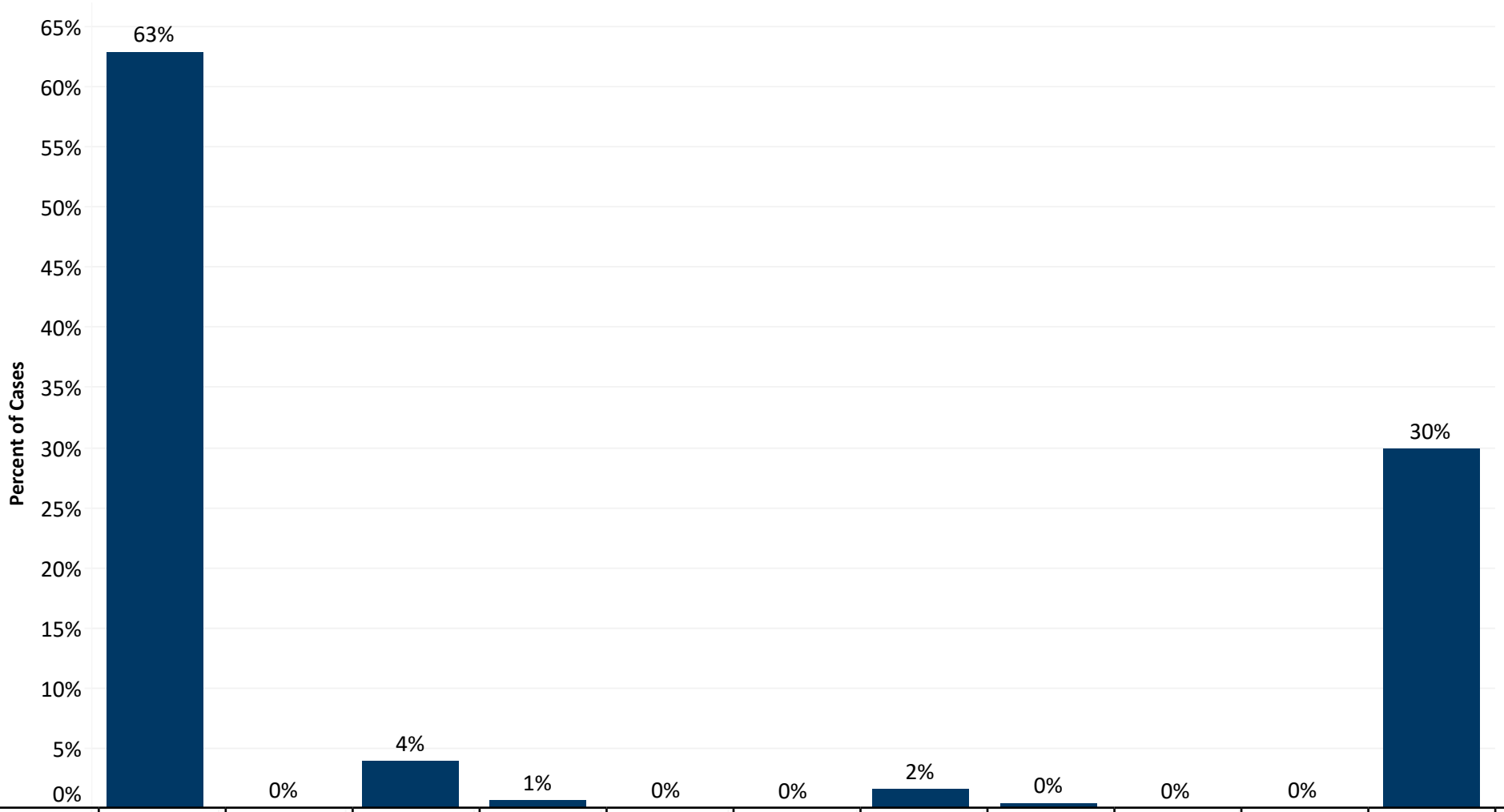
Cases by Likely Exposure and Specimen Collection Date

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.



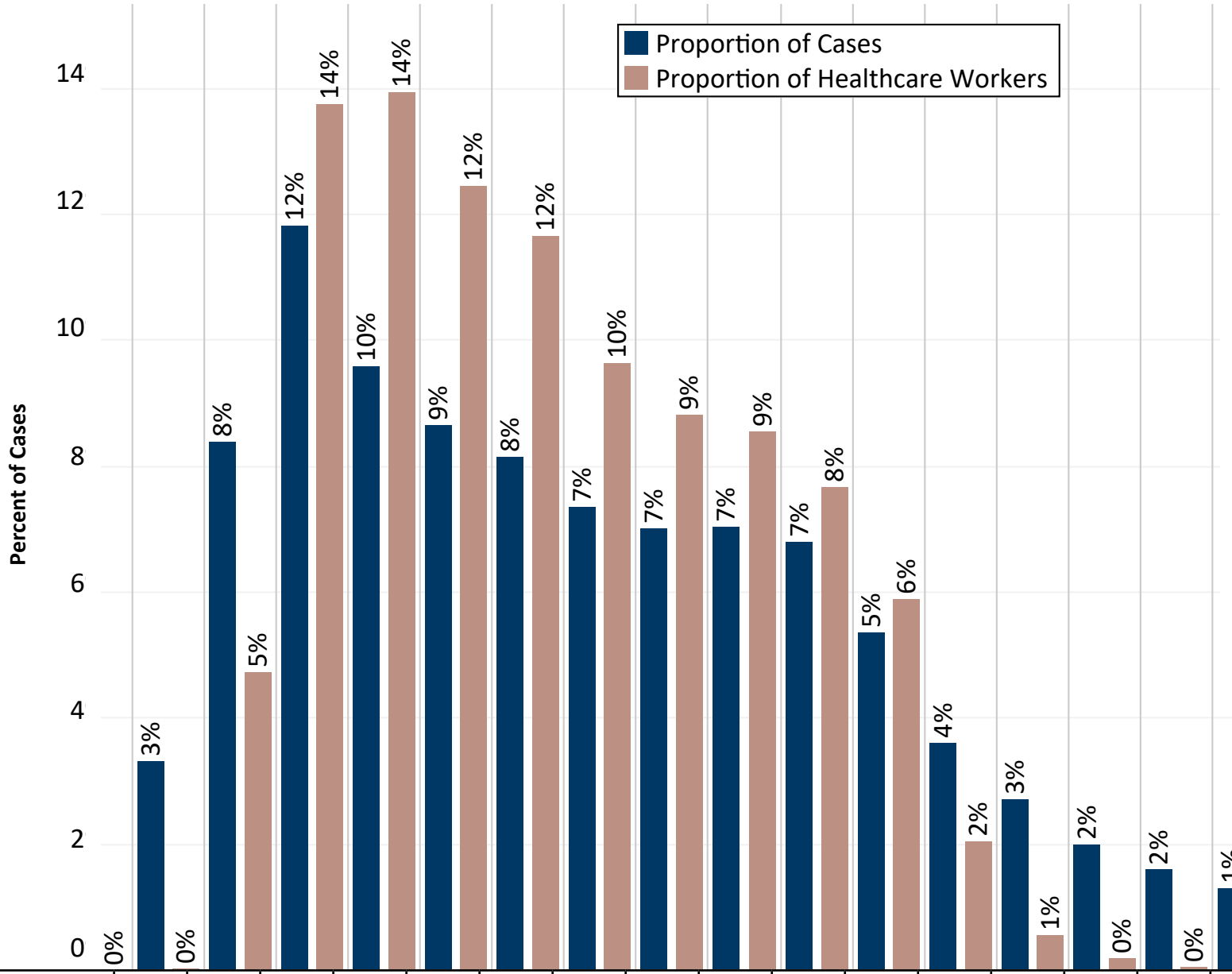
Residence Type

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	126,984	143	7,979	1,456	250	75	3,339	928	31	195	60,415	201,795

Occupational Related Cases: Health Care



16,856
Total Health Care Workers (cumulative)

13,156
Health Care Workers Exposed Occupationally (cumulative)

545
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	85-89	90-94	Total
All Cases	6,687	16,926	23,824	19,325	17,491	16,440	14,855	14,130	14,205	13,703	10,841	7,299	5,491	4,030	3,201	2,606	1,775	201,795
Health Care	5	796	2,319	2,349	2,099	1,965	1,625	1,487	1,441	1,294	993	345	95	33	8	0	1	16,856

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.

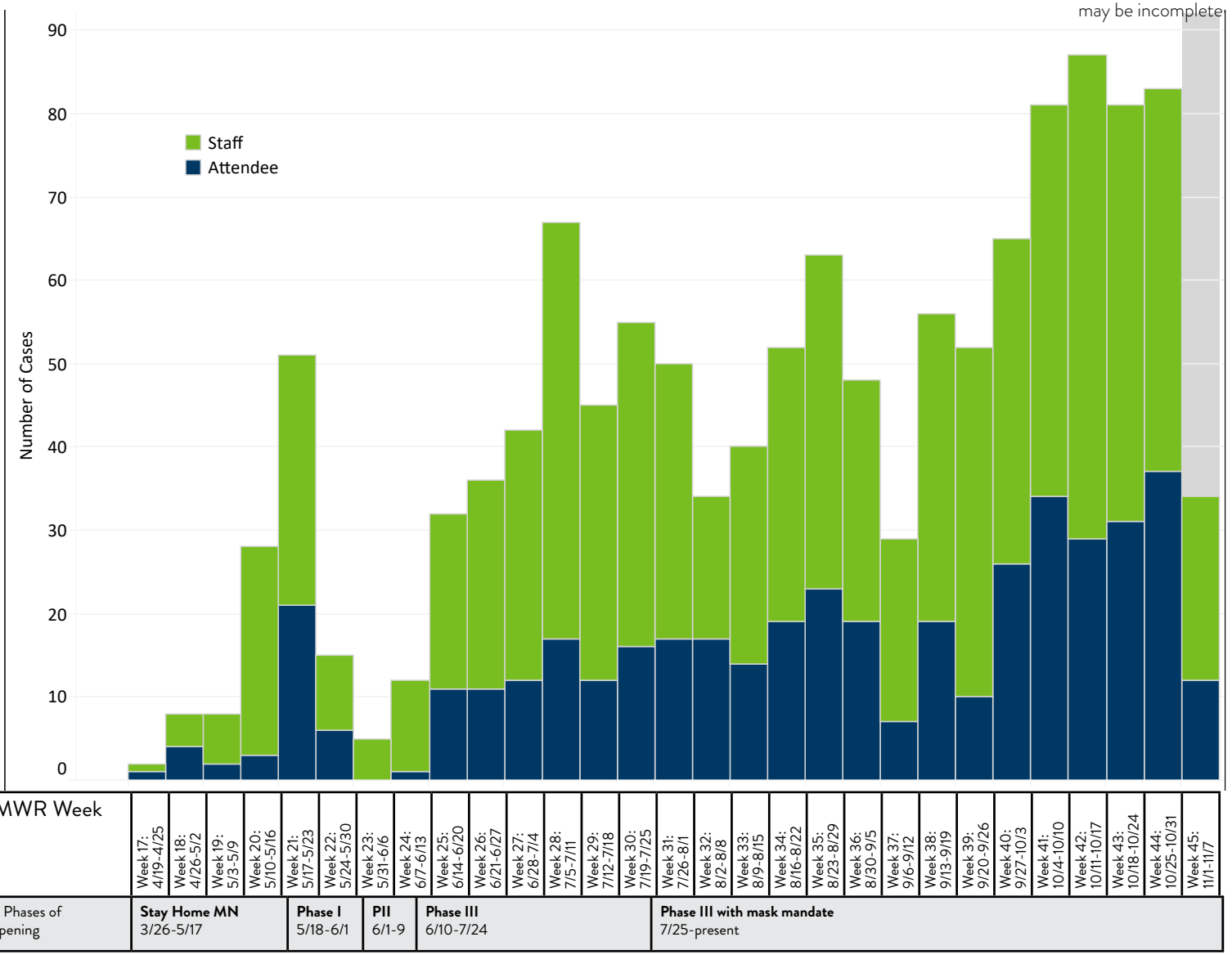
854
Total Child Care Staff (cumulative)

447
Total Child Care Attendees (cumulative)

849
Total Child Care Programs (cumulative)

Cases per program	Programs	Percent
1 case	585	69%
2-4 cases	215	25%
≥5 cases	49	6%

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



Cases Associated with Pre-K through Grade 12 School Buildings

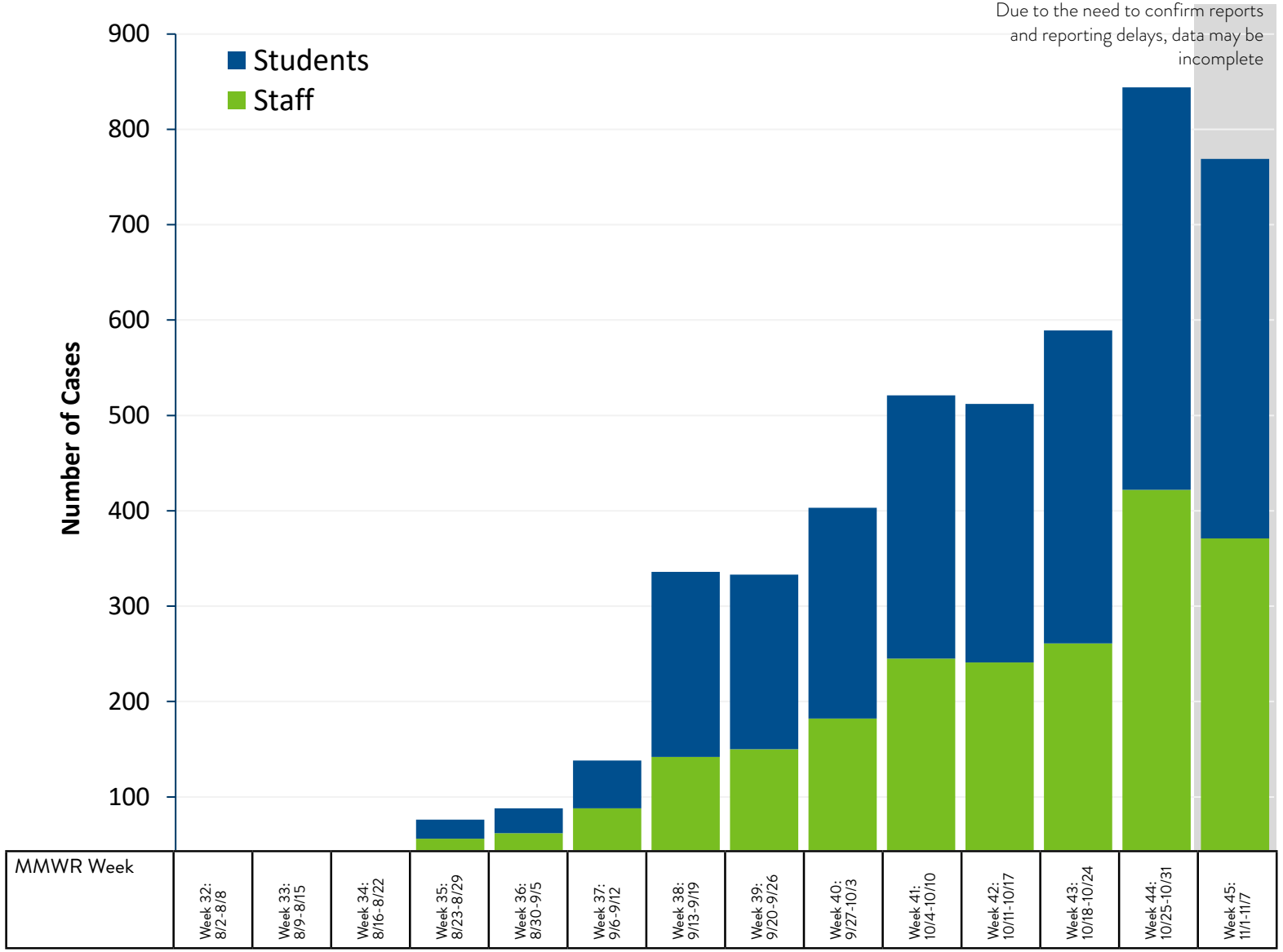
4,668
Total PreK-12 School Building-associated Cases (cumulative)

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.

2,271
Total PreK-12 School Staff Cases (cumulative)

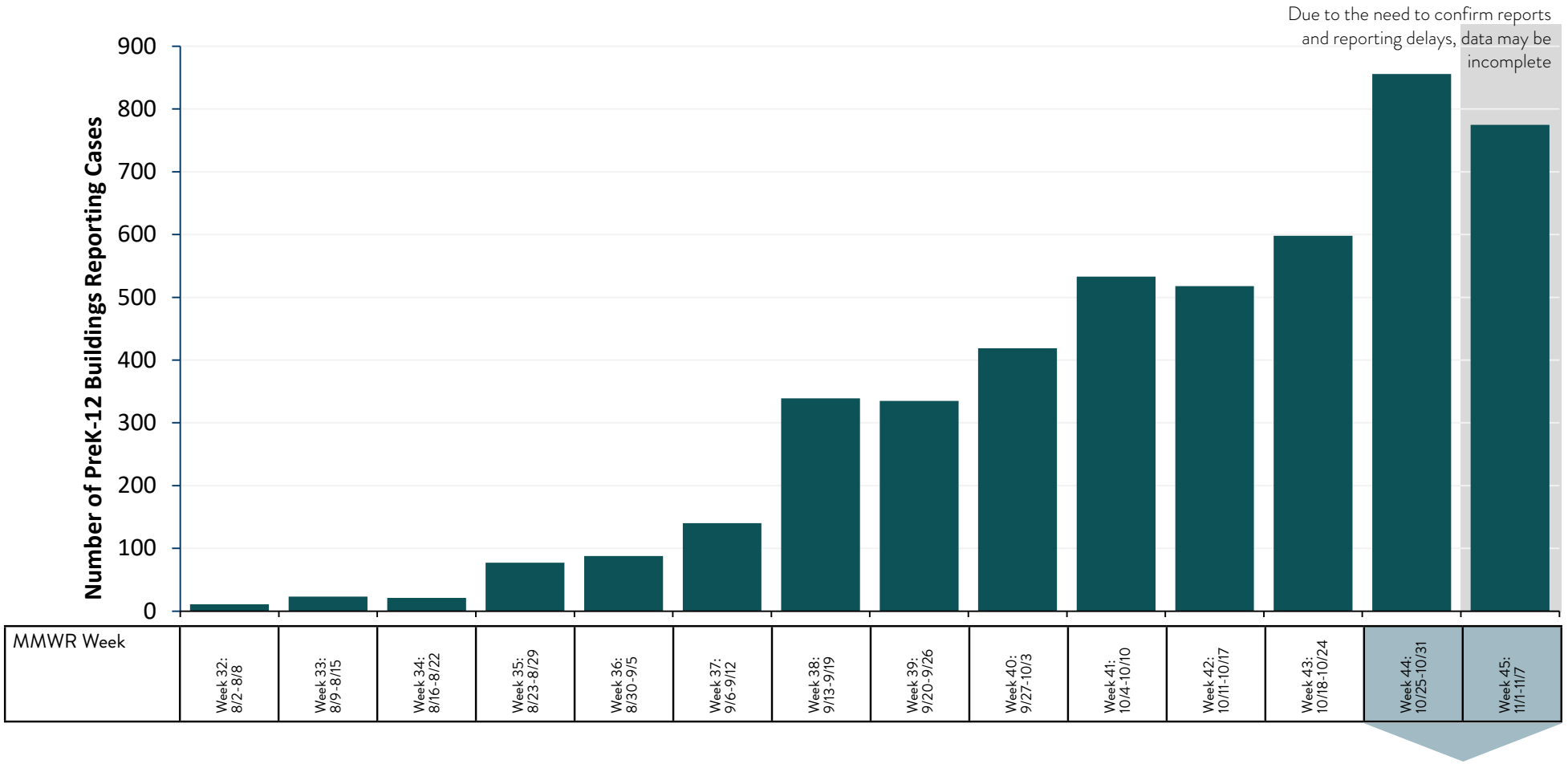
2,397
Total PreK-12 Student Cases (cumulative)



PreK-12 School Buildings Reporting Cases

1,494
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. Numbers include confirmed and probable cases.



Cases per building	Number of buildings reporting cases MMWR Weeks 44 & 45
1 case	496
2-4 cases	275
≥5 cases	63
Total	**834**

- 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 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)

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.

35
Total Hospitalized IHE-affiliated Cases (cumulative)

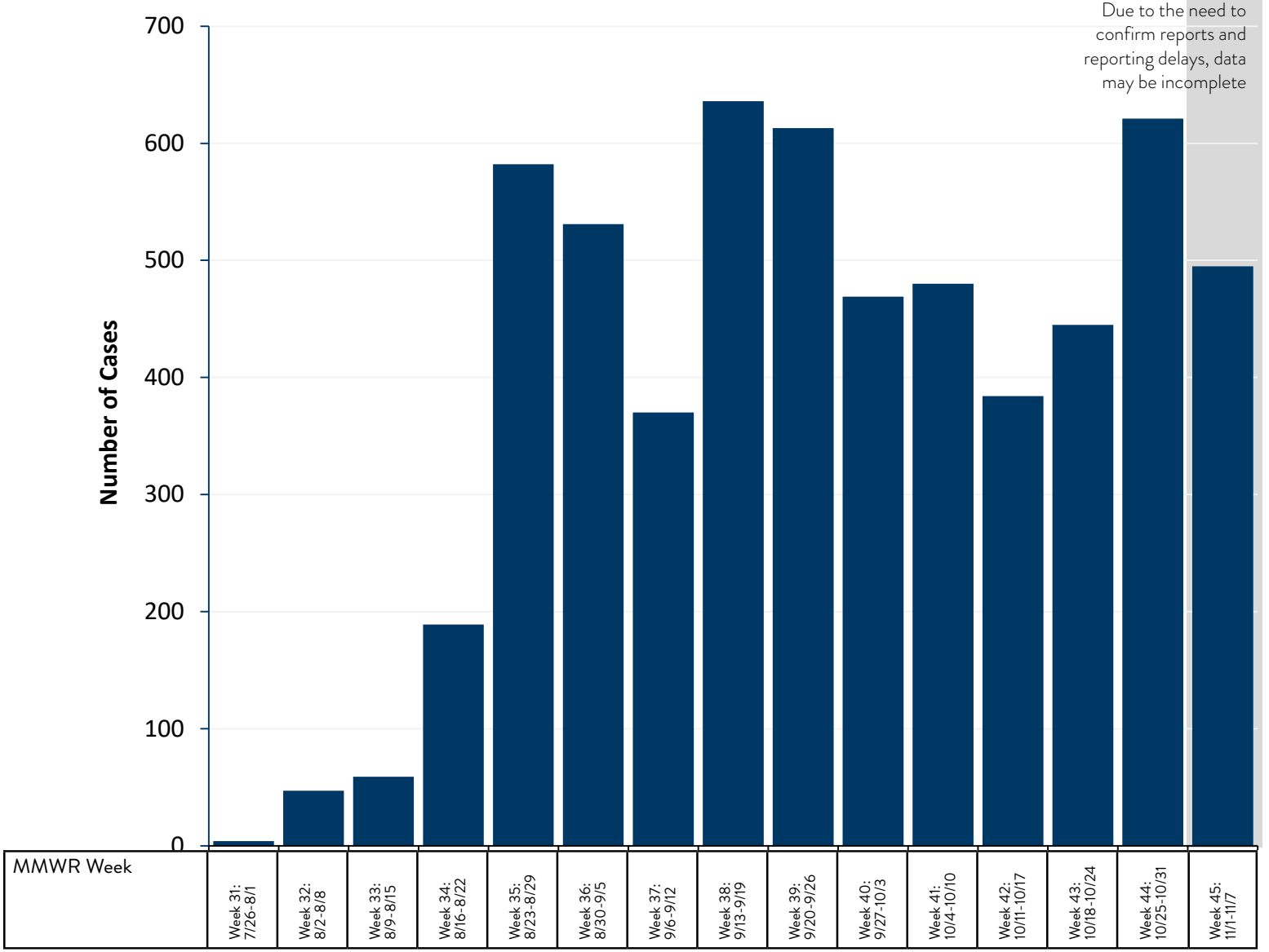
7
Total ICU Hospitalized IHE-affiliated Case (cumulative)

2
Total IHE-affiliated Deaths (cumulative)

5,925
Total IHE-affiliated Cases (cumulative)

Cases infectious while on campus (cumulative)	2,385
Cases living on campus (cumulative)	1,145

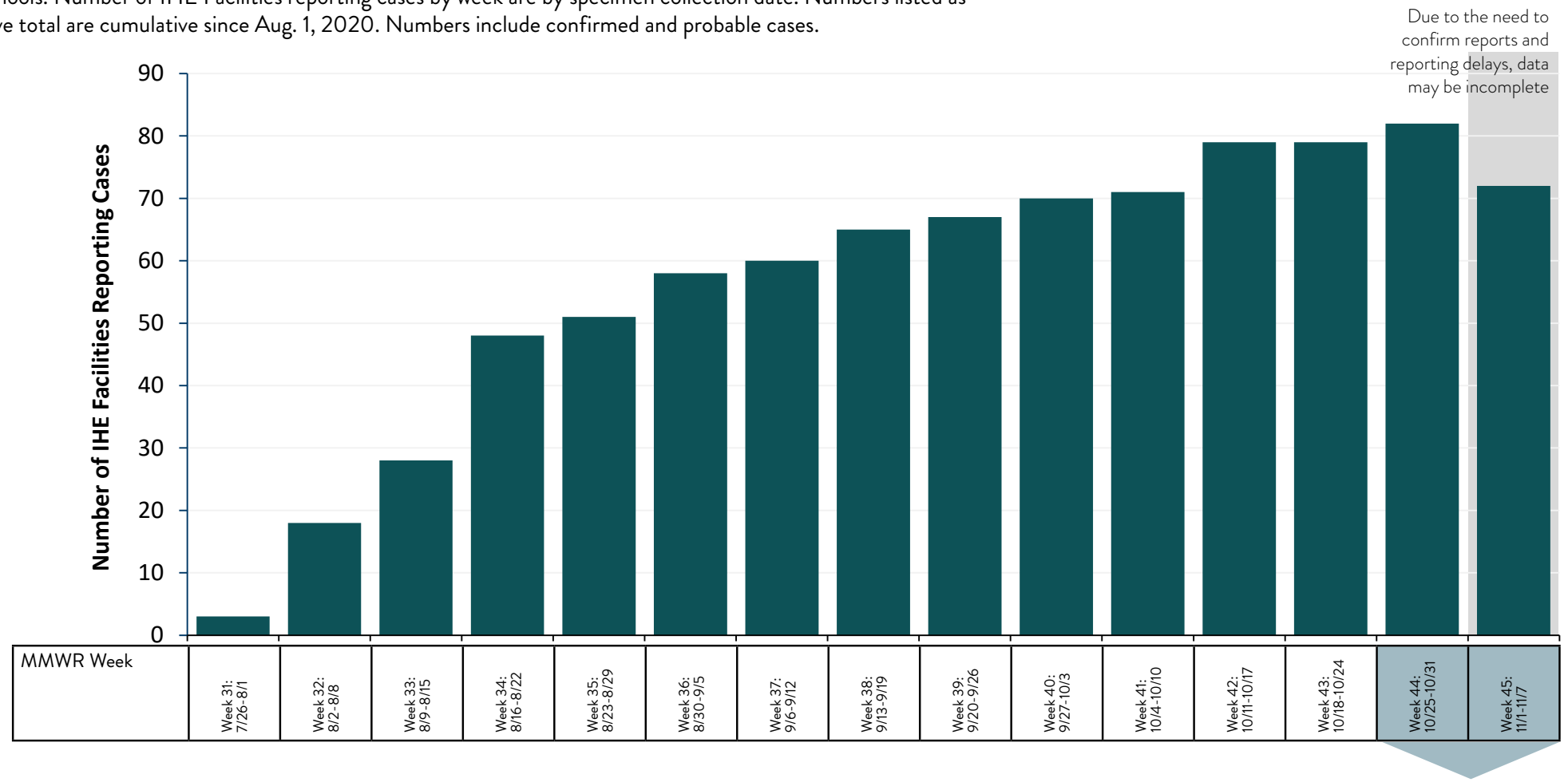
Due to the need to confirm reports and reporting delays, data may be incomplete



Minnesota IHE Facilities Reporting Cases

124
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.



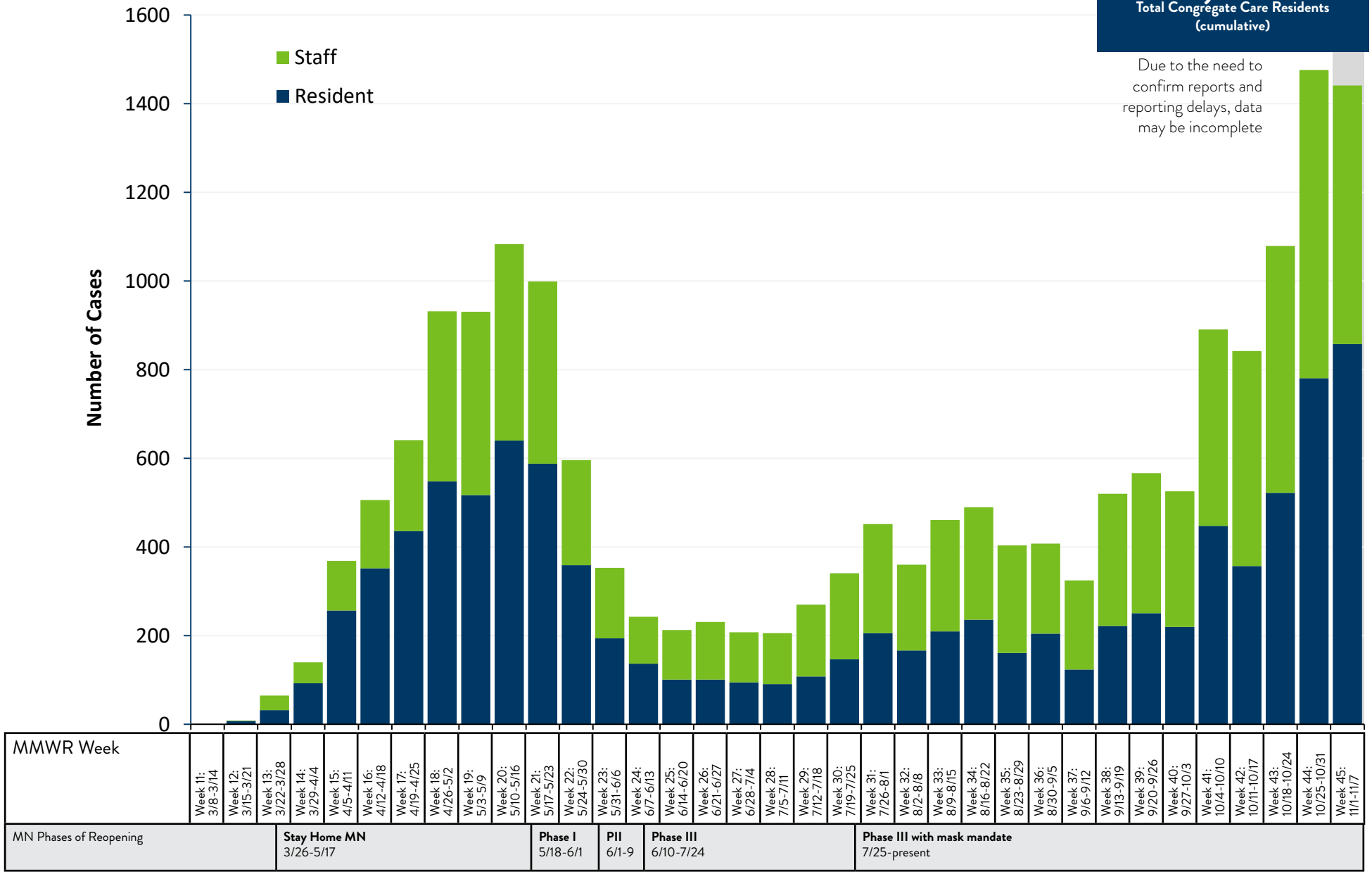
Cases per IHE facility	Number of IHEs reporting cases MMWR Weeks 44 & 45
1-10 cases	65
11-30 cases	18
31-99 cases	7
≥100 cases	2
Total	**92**

Cases Associated with Congregate Care Settings

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. Numbers include confirmed and probable cases.

8,806
Total Congregate Care Staff (cumulative)

9,773
Total Congregate Care Residents (cumulative)

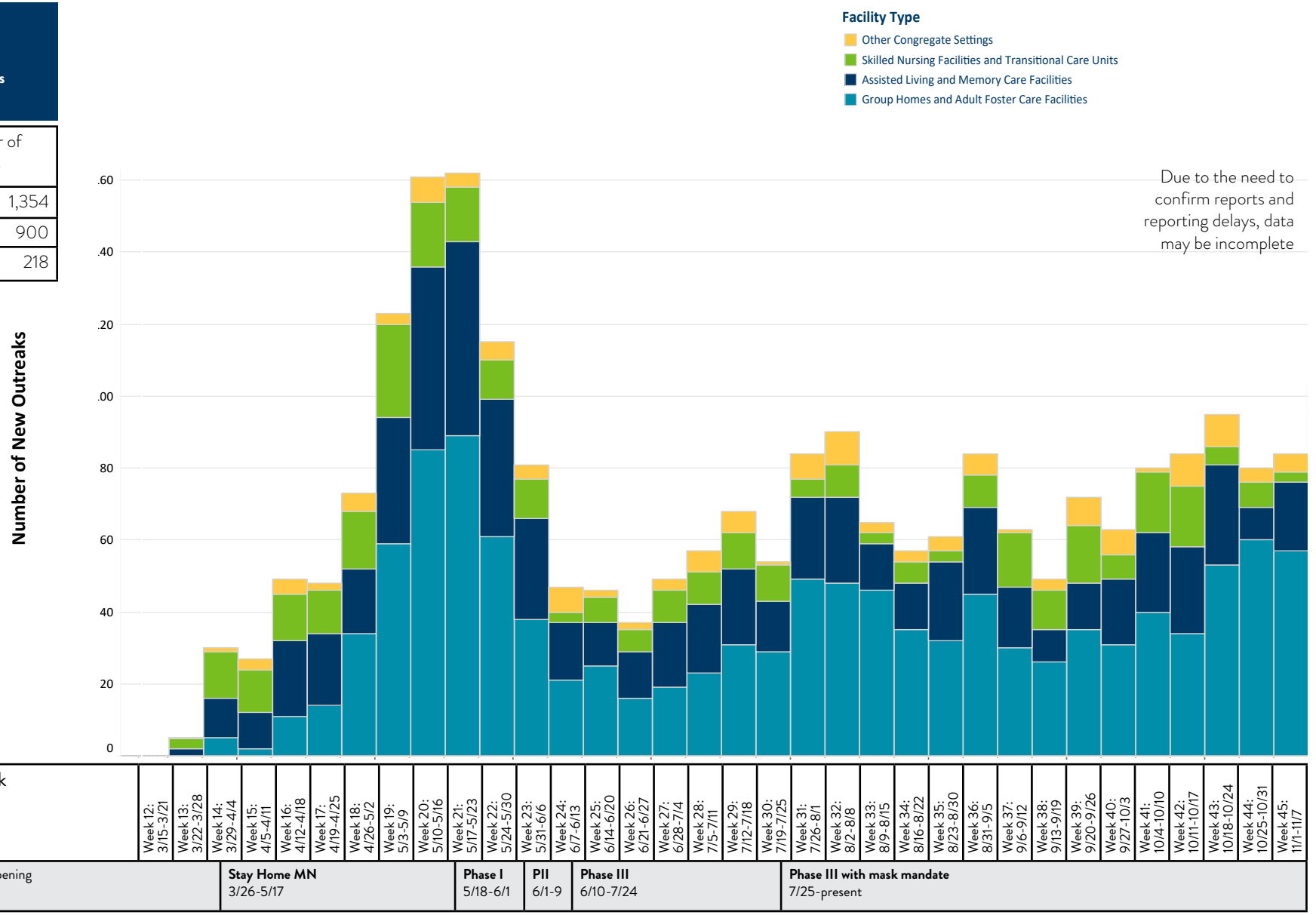


Congregate Care Facility Outbreaks

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. Numbers include confirmed and probable cases.

2,472
Total Congregate Care Facilities (cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,354
3-20 cases	900
≥21 cases	218



- 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): **4**

20% of cases interviewed within 48 hours of case specimen collection (cumulative)

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

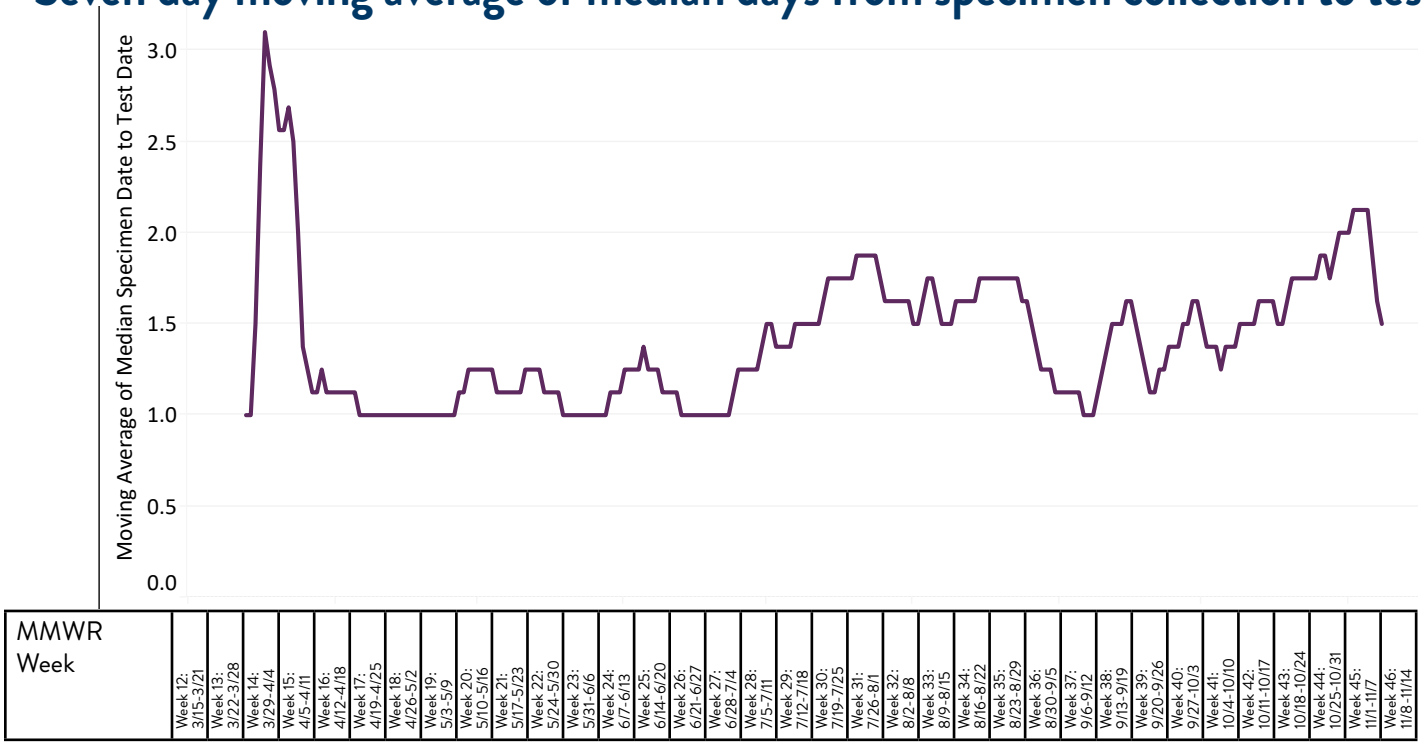
Median number of days from specimen collection to report date (cumulative): **2**

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**

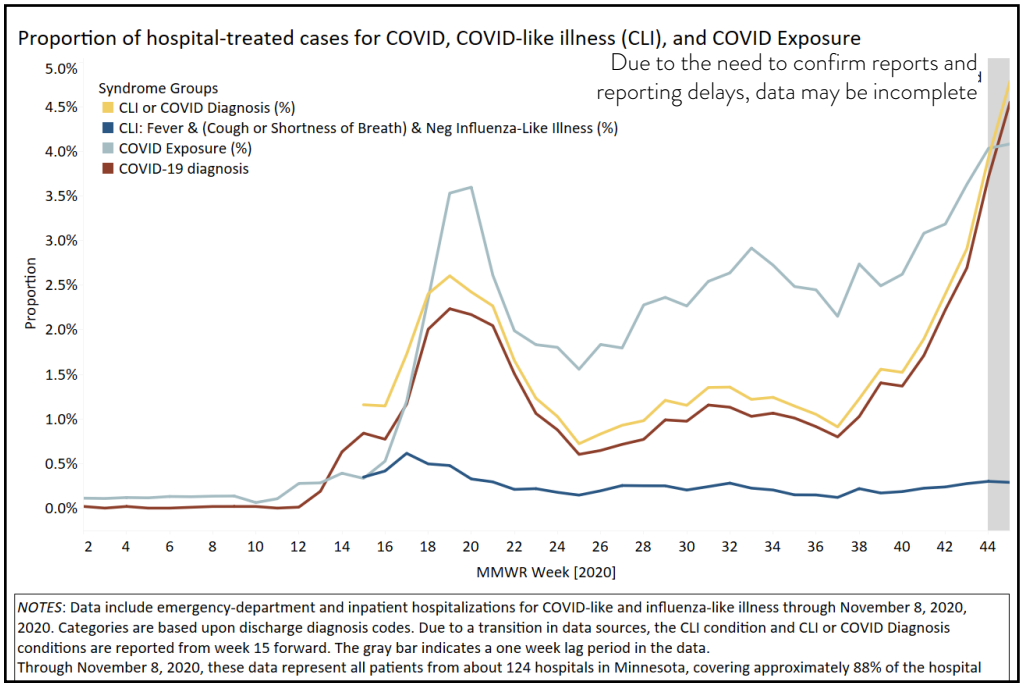
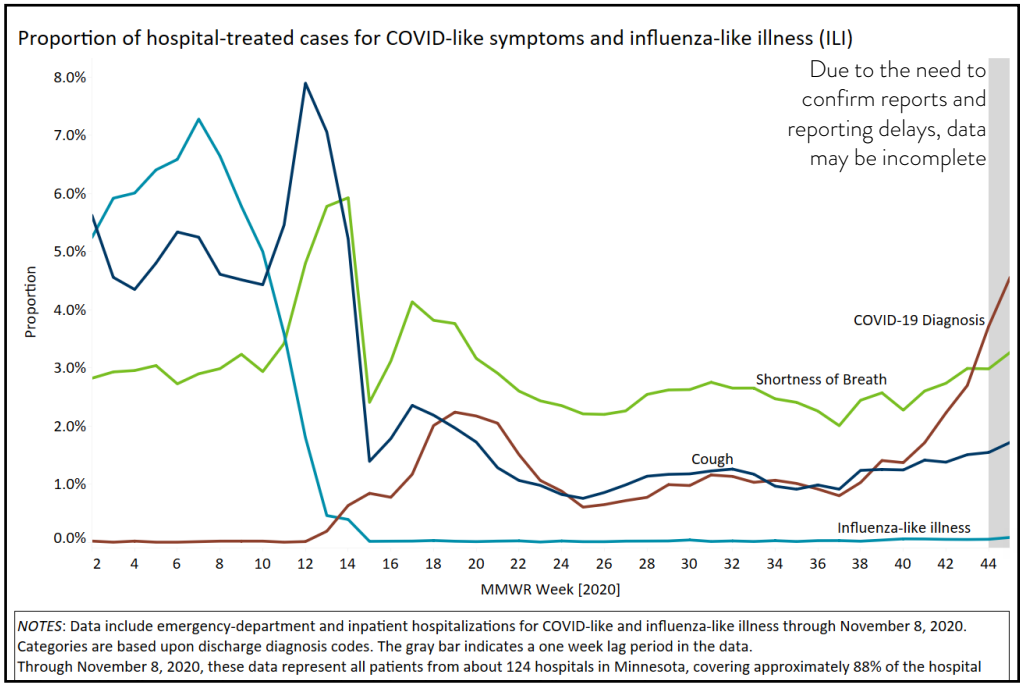
Seven day moving average of median days from specimen collection to testing



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 November 8, 2020. Categories are based upon discharge diagnosis codes.

Through November 8, 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.