STAY SAFE MN

Minnesota Department of Health
WEEKLY COVID-19 REPORT
3/11/2021

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) (https://www.cdc.gov/coronavirus/2019-nCoV/)
- Neighboring states' COVID-19 information:
  - Wisconsin: COVID-19 (Coronavirus Disease) (https://www.dhs.wisconsin.gov/covid-19/)
  - Iowa: Novel Coronavirus (COVID-19) (https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus)
  - North Dakota: Coronavirus (https://www.health.nd.gov/diseases-conditions/coronavirus/)
  - South Dakota: Novel Coronavirus Updates and Information (https://doh.sd.gov/news/Coronavirus.aspx)

Contents

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.

- More information on the MN Phases of Reopening can be found in the Minnesota's Stay Safe Plan (https://mn.gov/covid19/stay-safe/stay-safe-plan/index.jsp) Phase 3+ includes: Phase 3 with mask mandate (starting 7/25), Phase 3 with mask mandate and changes in social gathering limits (starting 11/13), "Dial back to save lives" (starting 11/20), "Safely reopening pools..." (starting 1/4), and "Protecting recent progress and cautiously resuming certain activities" (starting 1/10).

mn DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

COVID-19 Overview Summary

7,663,467
Total Laboratory Tests
(cumulative)

7,199,877
Total PCR Tests
(cumulative)

463,590
Total Antigen Tests
(cumulative)

494,106
Total Positive Cases
(cumulative)

468,653
Total Confirmed Cases (PCR positive)
(cumulative)

24,453
Total Probable Cases (Antigen positive)
(cumulative)

26,177
Total Hospitalizations
(cumulative)

5,410
Total ICU Hospitalizations
(cumulative)

6,724
Total Deaths
(cumulative)

479,713
Total No Longer Needing Isolation
(cumulative)

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. Total laboratory tests includes both PCR and antigen tests. Tests are reported by the date the test was run in the laboratory.
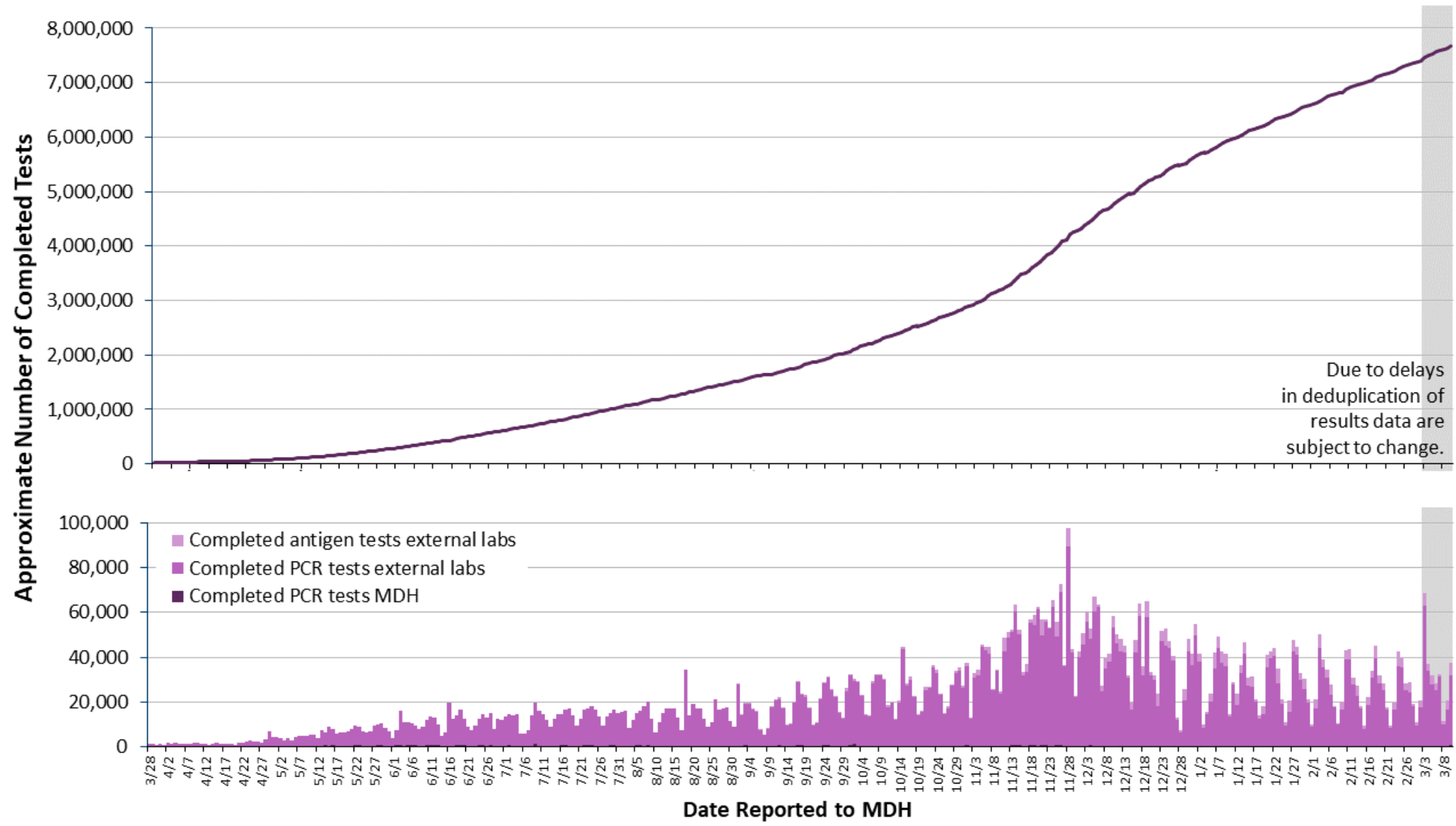
7,663,467
Total Laboratory Tests
(cumulative)

Due to delays in deduplication of results data are subject to change.

Legend:
- Completed antigen tests external labs
- Completed PCR tests external labs
- Completed PCR tests MDH

X-axis: Date Reported to MDH
Y-axis: Approximate Number of Completed Tests

- 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.
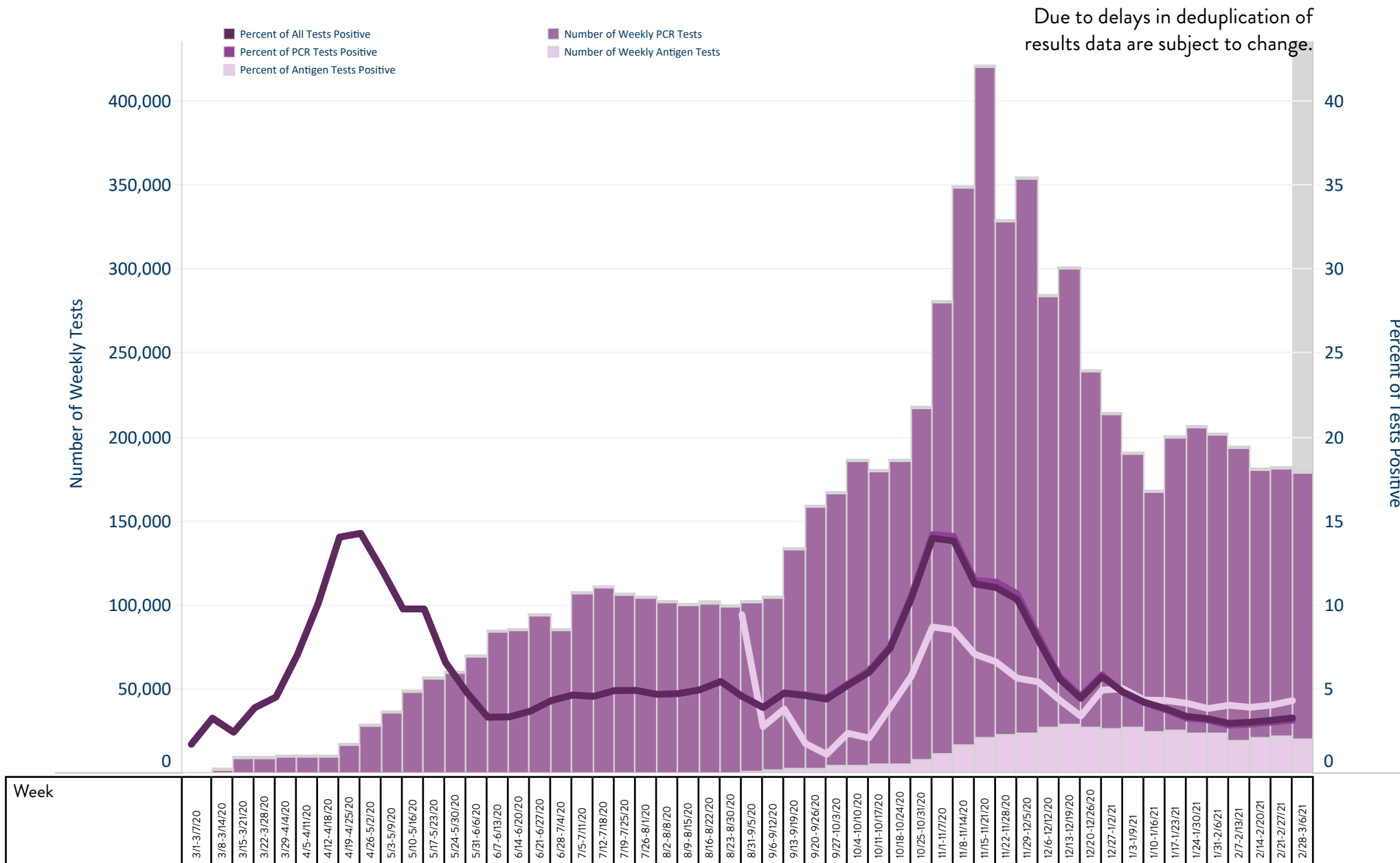
Laboratory Test Rates by County of Residence

13,689
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.

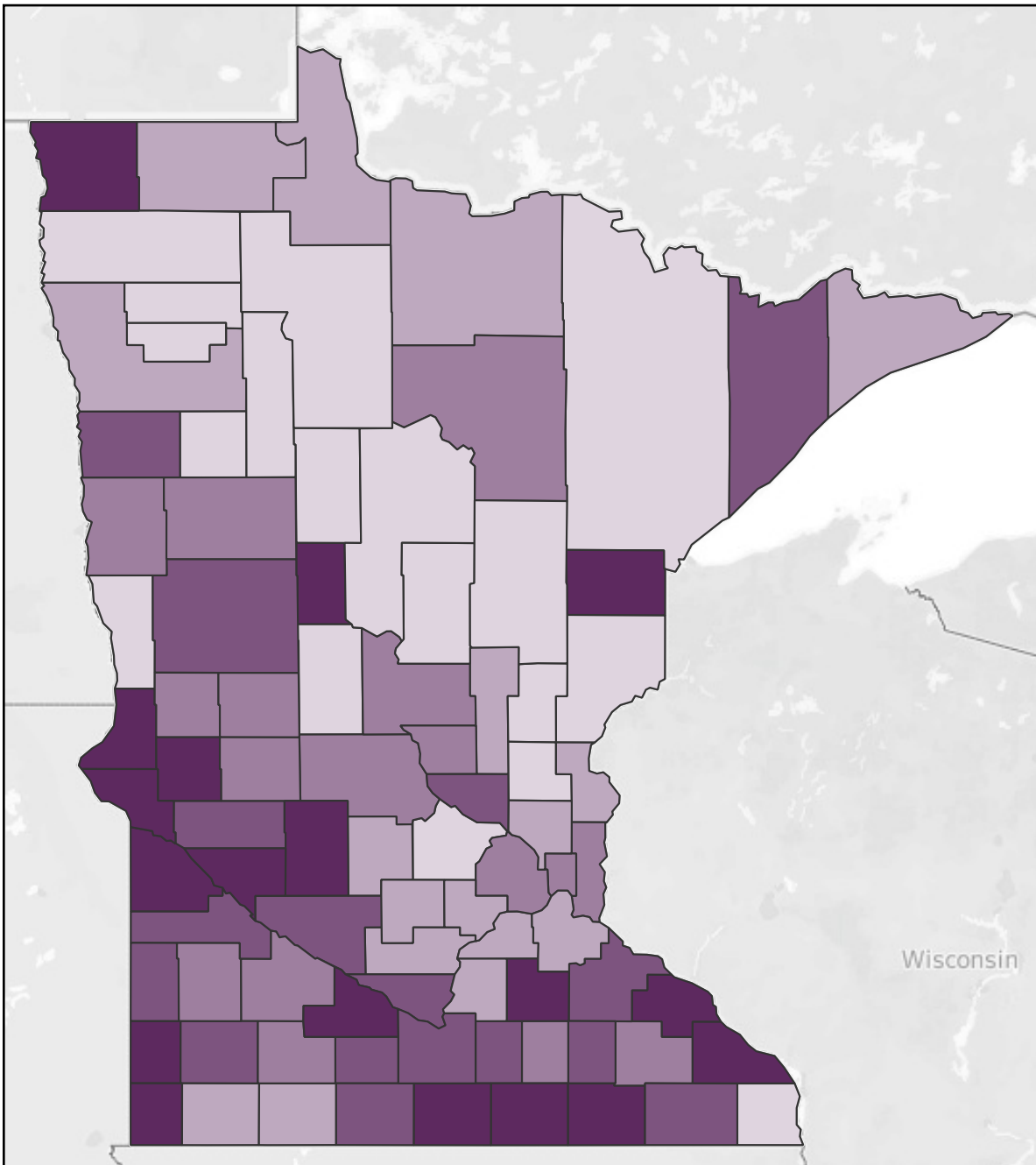| County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	13,054	8,244	Martin	30,017	15,036
Anoka	387,377	11,150	McLeod	42,115	11,756
Becker	45,208	13,386	Meeker	26,237	11,368
Beltrami	44,404	9,629	Mille Lacs	30,318	11,784
Benton	54,561	13,716	Morrison	43,867	13,314
Big Stone	10,051	20,038	Mower	65,217	16,468
Blue Earth	100,622	15,172	Murray	12,208	14,615
Brown	41,239	16,358	Nicollet	49,356	14,610
Carlton	57,113	16,070	Nobles	24,470	11,205
Carver	103,868	10,344	Norman	9,329	14,223
Cass	22,699	7,821	Olmsted	215,610	14,086
Chippewa	20,608	17,159	Otter Tail	83,283	14,361
Chisago	64,729	11,828	Pennington	12,700	8,954
Clay	87,010	13,855	Pine	25,080	8,610
Clearwater	7,288	8,271	Pipestone	15,080	16,418
Cook	6,051	11,393	Polk	32,725	10,359
Cottonwood	15,556	13,679	Pope	14,730	13,415
Crow Wing	61,362	9,610	Ramsey	712,630	13,160
Dakota	505,099	12,078	Red Lake	3,278	8,179
Dodge	29,327	14,249	Redwood	19,473	12,702
Douglas	51,349	13,802	Renville	22,153	15,049
Faribault	23,012	16,560	Rice	130,275	19,809
Fillmore	32,311	15,469	Rock	14,729	15,648
Freeborn	51,720	16,943	Roseau	18,182	11,759
Goodhue	67,200	14,540	Scott	164,706	11,488
Grant	7,508	12,644	Sherburne	132,695	14,233
Hennepin	1,655,634	13,401	Sibley	18,333	12,294
Houston	17,987	9,638	St. Louis	283,393	14,164
Hubbard	16,164	7,748	Stearns	204,878	13,065
Isanti	37,687	9,670	Steele	49,026	13,367
Itasca	56,692	12,542	Stevens	15,760	16,108
Jackson	10,431	10,382	Swift	14,379	15,279
Kanabec	10,783	6,738	Todd	24,609	10,069
Kandiyohi	66,411	15,568	Traverse	5,844	17,513
Kittson	6,953	16,032	Wabasha	37,217	17,310
Koochiching	14,551	11,508	Wadena	24,466	17,929
Lac qui Parle	10,626	15,689	Waseca	26,535	14,108
Lake	15,288	14,465	Washington	338,479	13,362
Lake of the Woods	4,180	10,974	Watonwan	15,646	14,259
Le Sueur	32,411	11,582	Wilkin	5,935	9,357
Lincoln	8,331	14,598	Winona	87,423	17,193
Lyon	34,784	13,462	Wright	135,821	10,232
Mahnomen	4,878	8,859	Yellow Medicine	14,505	14,699
Marshall	8,064	8,586	Unknown/missing	391,275	

Percent of Tests Positive by County of Residence

Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence. Numbers include both PCR and antigen tests.
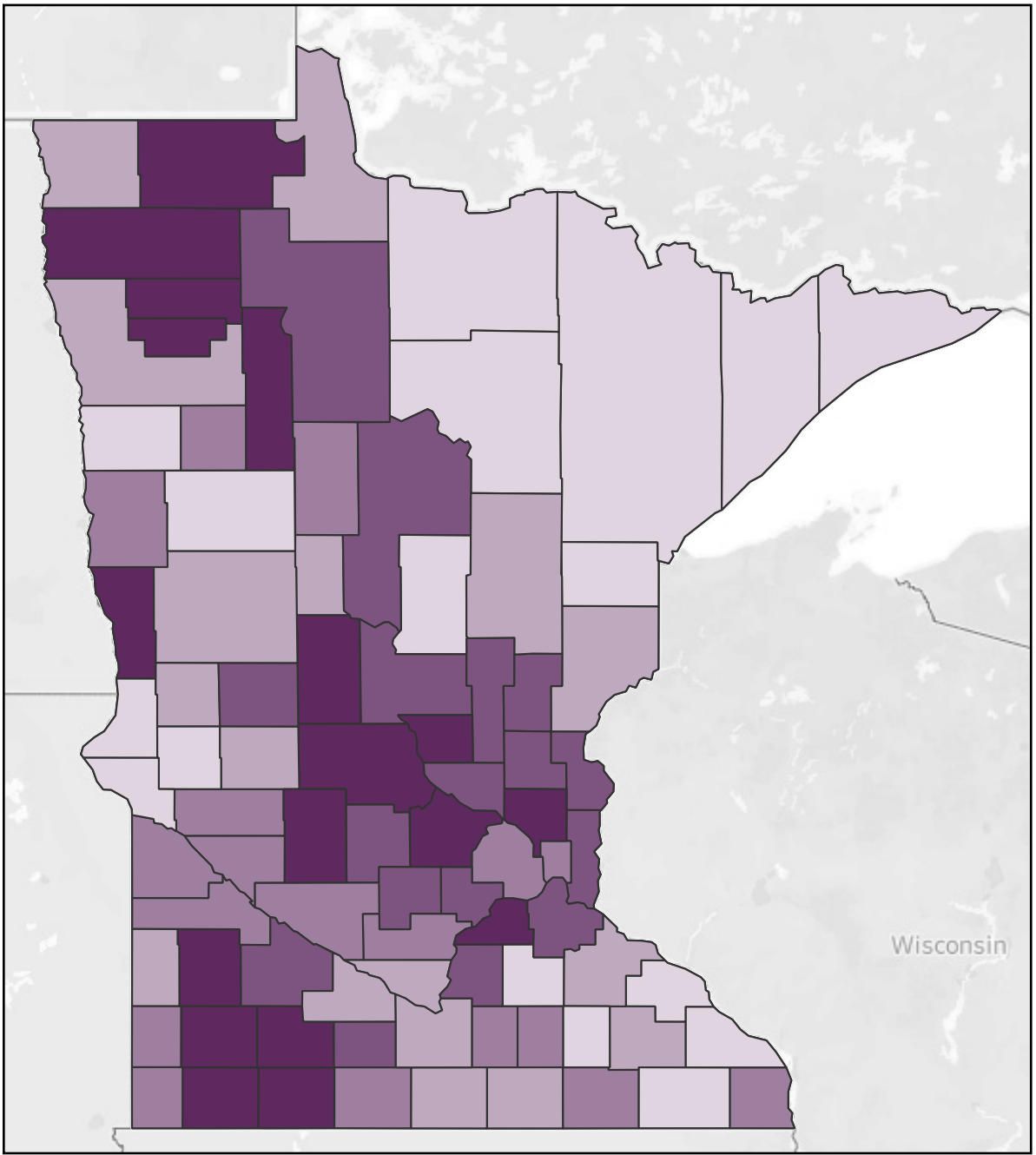
6.6%
% positive statewide (cumulative)

County	% Positive	County	% Positive
Aitkin	5.6%	Martin	6.5%
Anoka	8.7%	McLeod	7.2%
Becker	5.1%	Meeker	8.0%
Beltrami	7.2%	Mille Lacs	7.8%
Benton	8.0%	Morrison	7.3%
Big Stone	4.7%	Mower	6.4%
Blue Earth	6.1%	Murray	7.9%
Brown	6.0%	Nicollet	5.6%
Carlton	4.6%	Nobles	15.6%
Carver	7.6%	Norman	3.9%
Cass	7.3%	Olmsted	5.4%
Chippewa	6.6%	Otter Tail	5.5%
Chisago	7.4%	Pennington	8.3%
Clay	6.7%	Pine	5.7%
Clearwater	8.9%	Pipestone	6.7%
Cook	2.3%	Polk	5.8%
Cottonwood	8.8%	Pope	5.3%
Crow Wing	4.9%	Ramsey	6.6%
Dakota	7.6%	Red Lake	8.5%
Dodge	5.1%	Redwood	7.1%
Douglas	7.7%	Renville	6.7%
Faribault	5.7%	Rice	5.1%
Fillmore	4.5%	Rock	6.9%
Freeborn	5.7%	Roseau	10.3%
Goodhue	5.8%	Scott	8.0%
Grant	6.0%	Sherburne	7.4%
Hennepin	6.6%	Sibley	6.5%
Houston	6.8%	St. Louis	4.8%
Hubbard	6.3%	Stearns	9.1%
Isanti	7.5%	Steele	6.3%
Itasca	5.2%	Stevens	4.7%
Jackson	9.3%	Swift	6.6%
Kanabec	7.1%	Todd	9.3%
Kandiyohi	8.9%	Traverse	4.7%
Kittson	5.9%	Wabasha	5.1%
Koochiching	4.0%	Wadena	6.0%
Lac qui Parle	6.1%	Waseca	6.6%
Lake	5.0%	Washington	7.1%
Lake of the Woods	5.4%	Watonwan	7.0%
Le Sueur	7.0%	Wilkin	8.7%
Lincoln	5.8%	Winona	4.7%
Lyon	9.2%	Wright	8.7%
Mahnomen	6.6%	Yellow Medicine	6.5%
Marshall	9.2%	Unknown/missing	2.7%

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. Numbers include both PCR and antigen tests.
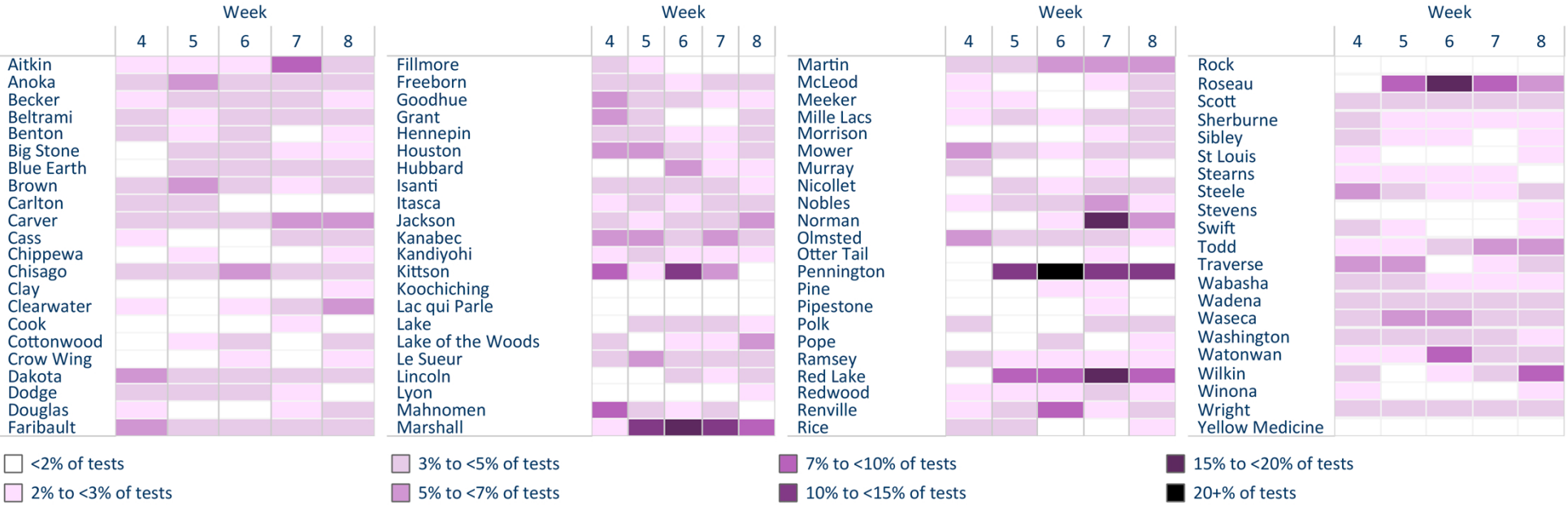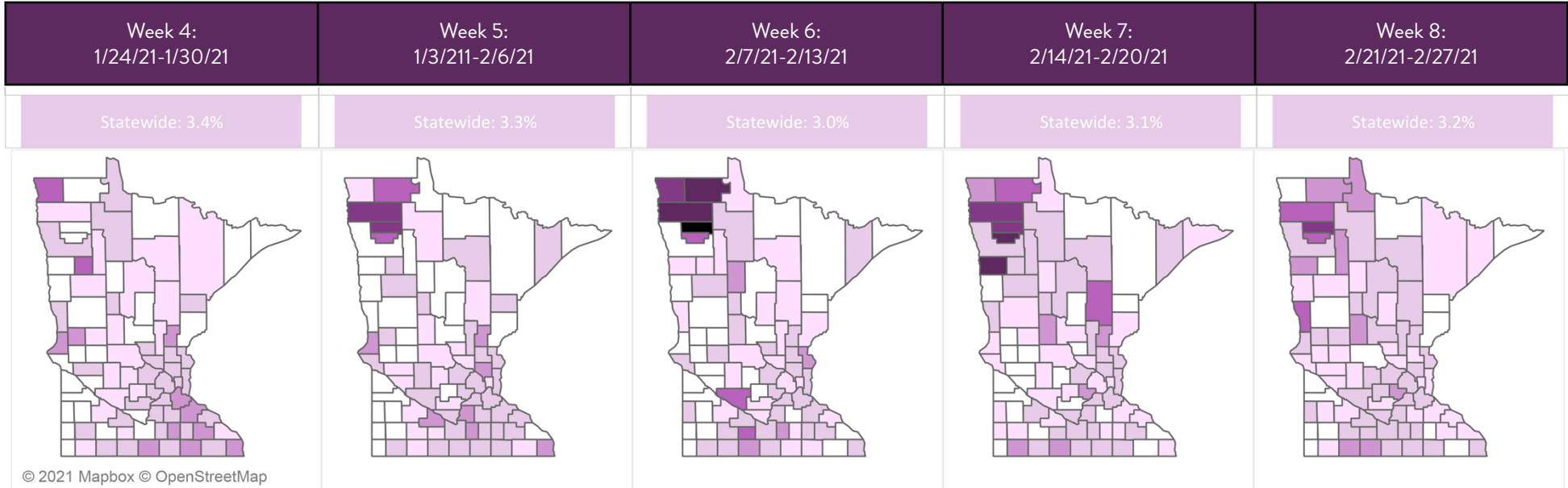
Week 4: 1/24/21-1/30/21	Week 5: 1/3/211-2/6/21	Week 6: 2/7/21-2/13/21	Week 7: 2/14/21-2/20/21	Week 8: 2/21/21-2/27/21
Statewide: 3.4%	Statewide: 3.3%	Statewide: 3.0%	Statewide: 3.1%	Statewide: 3.2%

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Legend:
- ☐ <2% of tests
- 2% to <3% of tests
- 3% to <5% of tests
- 5% to <7% of tests
- 7% to <10% of tests
- 10% to <15% of tests
- 15% to <20% of tests
- ■ 20+% of 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	9,562	9,943	12,945	18,980	38,130	49,249	43,919	40,877	38,754	35,790	34,053	34,751	34,683	28,870	19,971	14,802	10,857	8,847	7,263	4,878	1,986	223	499,333
Negative	149,653	169,100	167,054	156,259	428,812	628,723	581,377	586,544	545,799	453,131	403,054	440,380	485,586	451,006	319,045	254,363	204,427	196,821	202,661	160,277	67,799	8,629	7,060,500
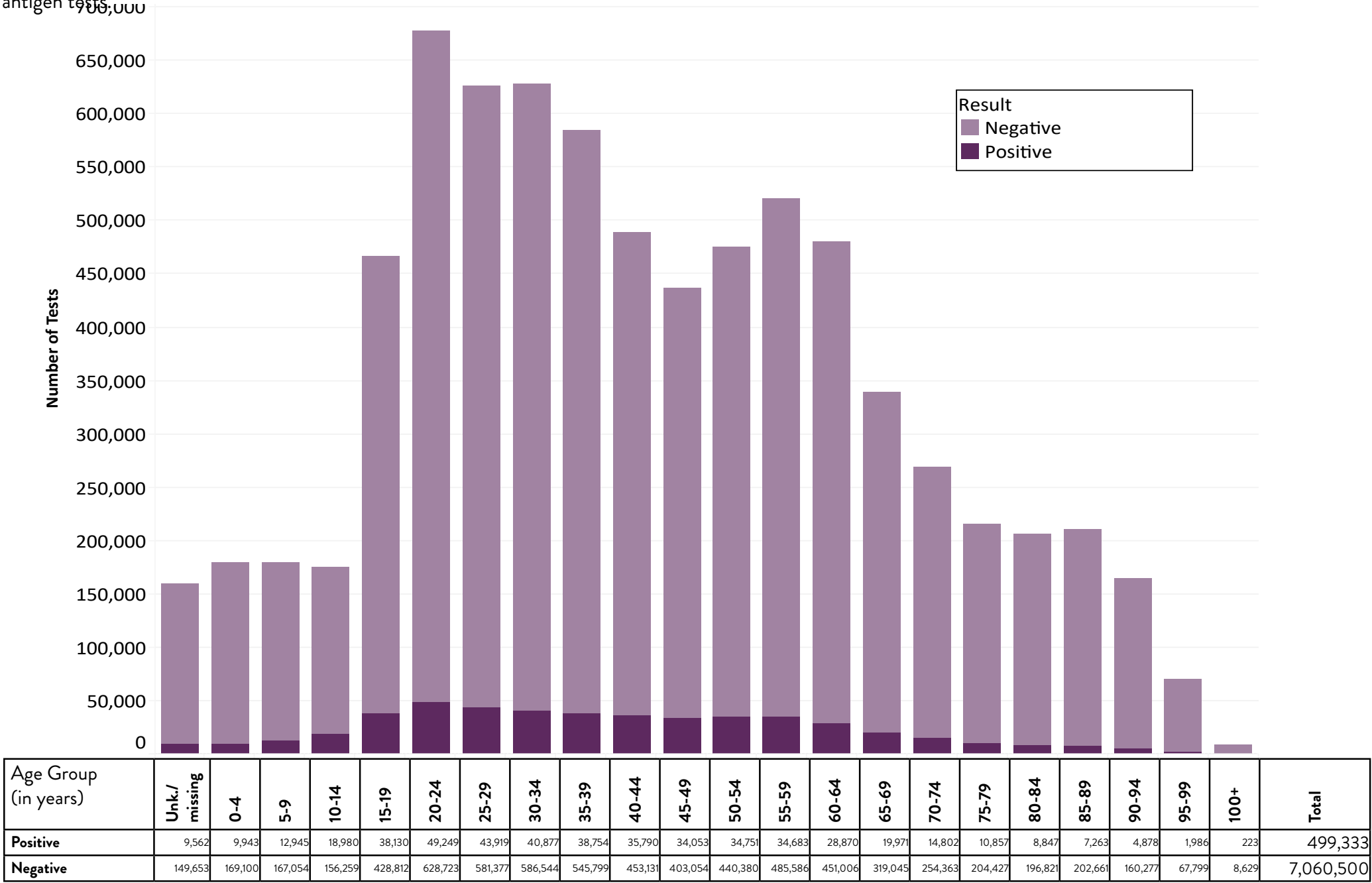
Testing Demographics: Gender

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.
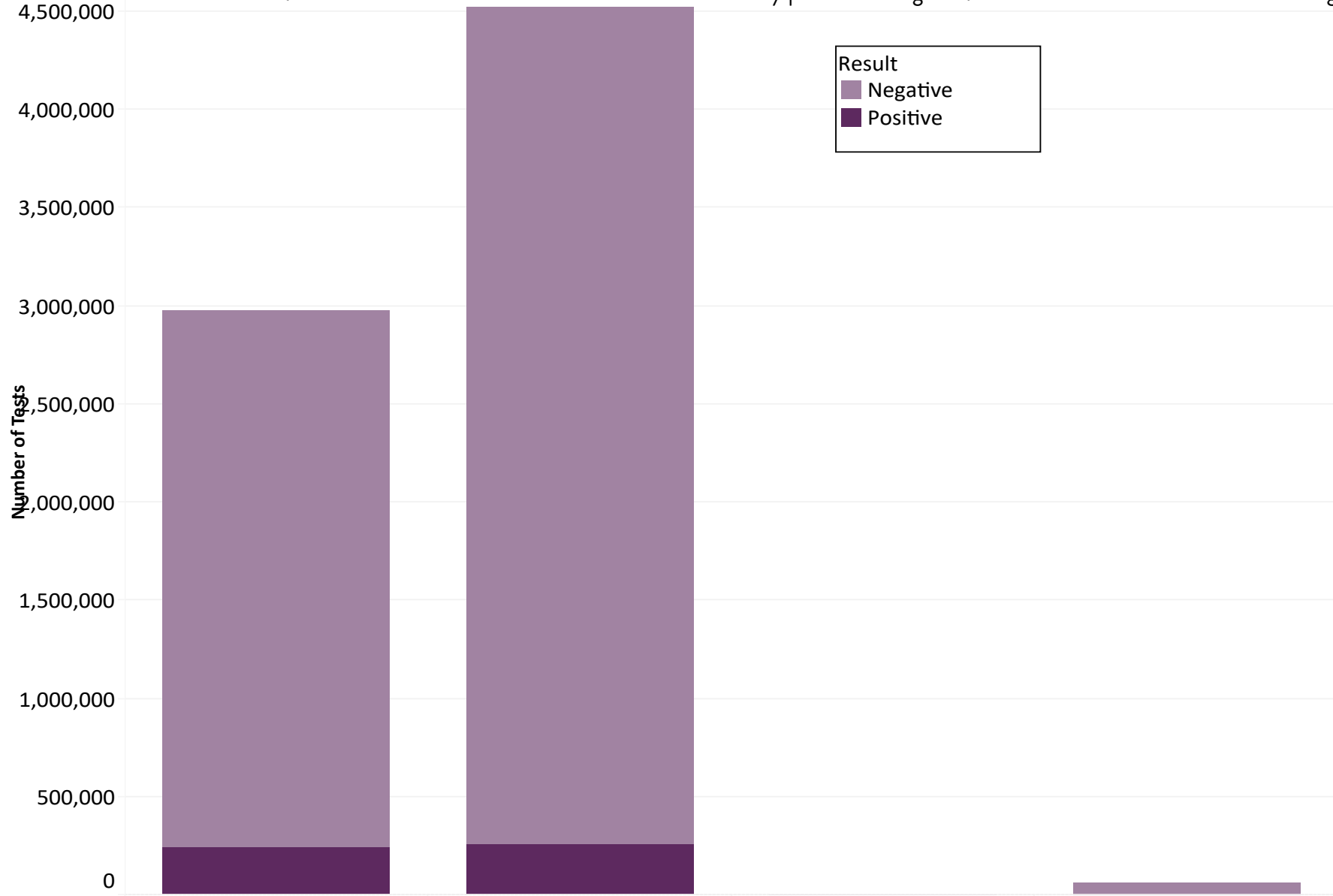
Gender	Male	Female	Other	Unk./missing	Total
Positive	241,664	255,671	12	1,986	499,333
Negative	2,735,137	4,266,974	14	58,375	7,060,500

Positive COVID-19 Cases

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.

494,106
Total Positive Cases
(cumulative)

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

Probable cases (Antigen positive)
Confirmed cases (PCR positive)

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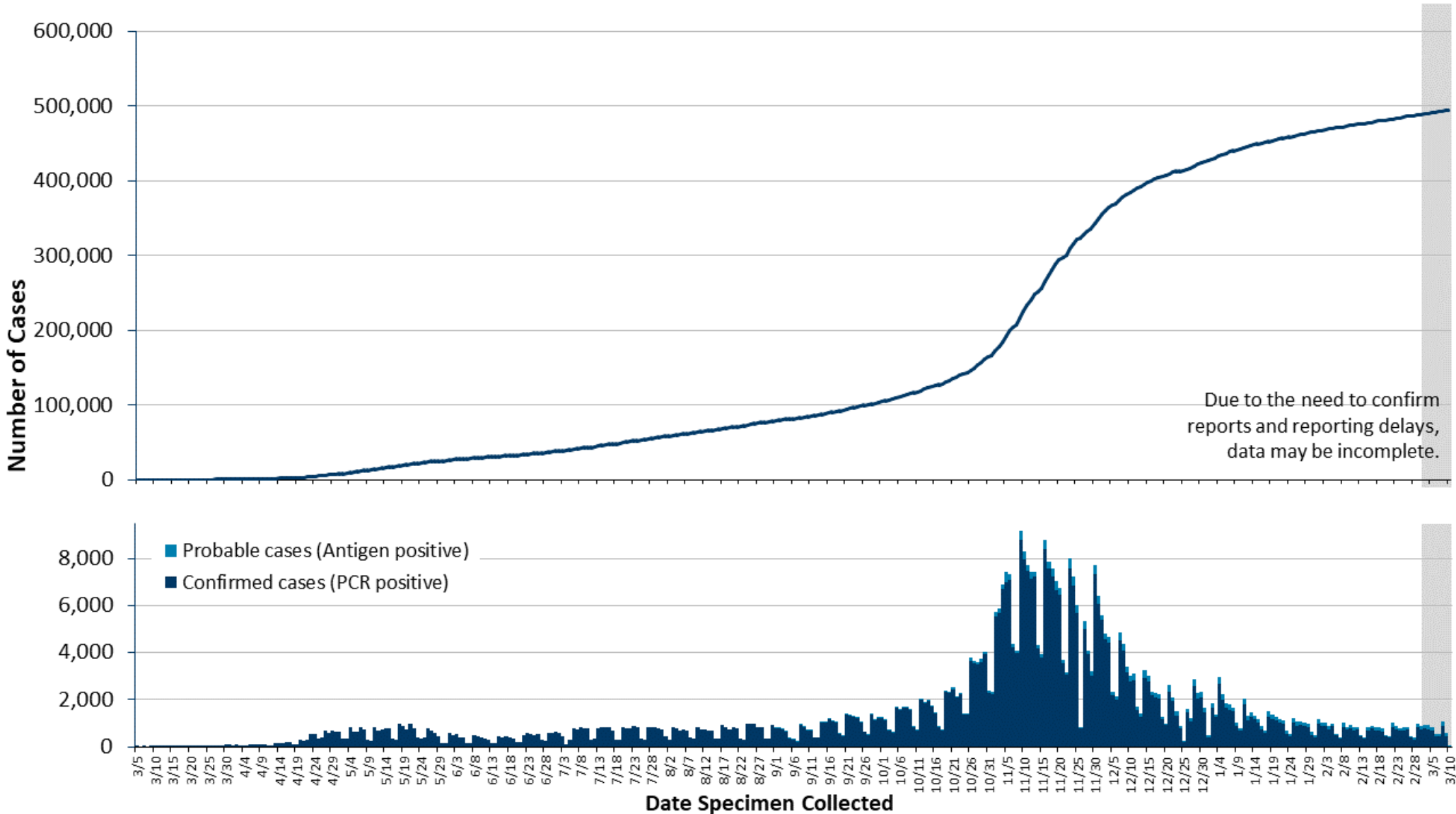
- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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
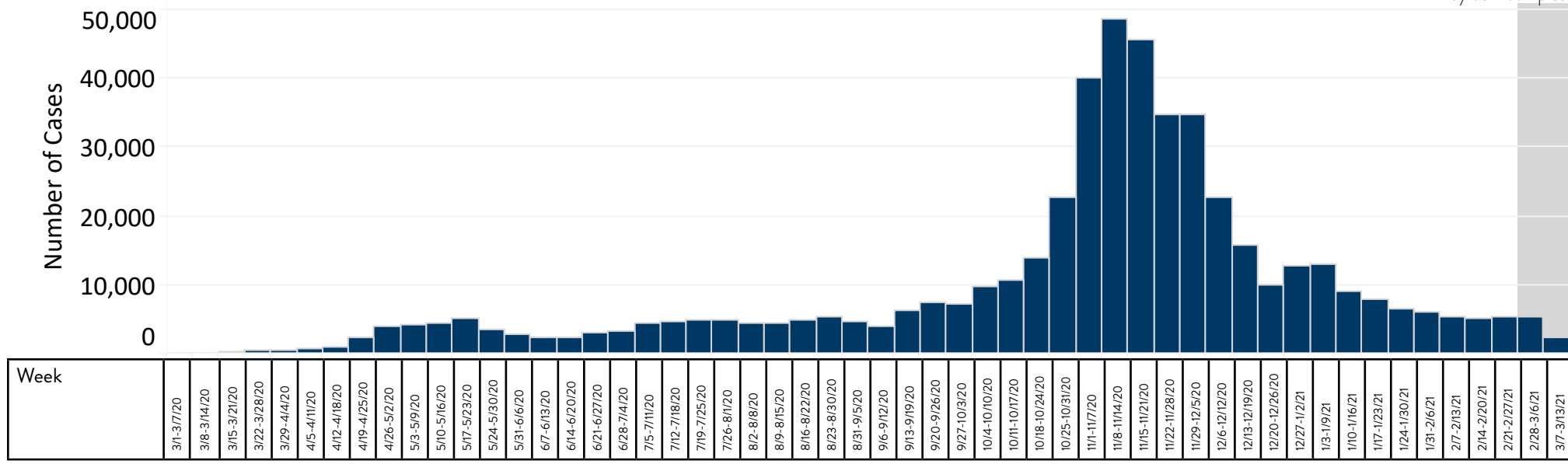
Seven Day Moving Average of New Cases
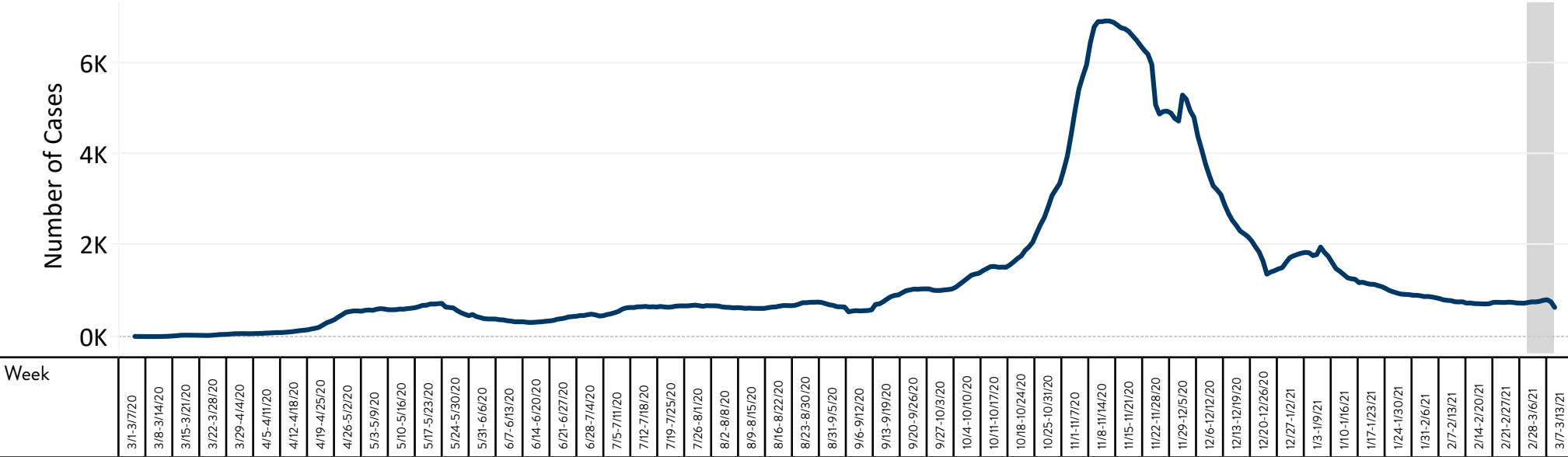
Cases by County of Residence

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.
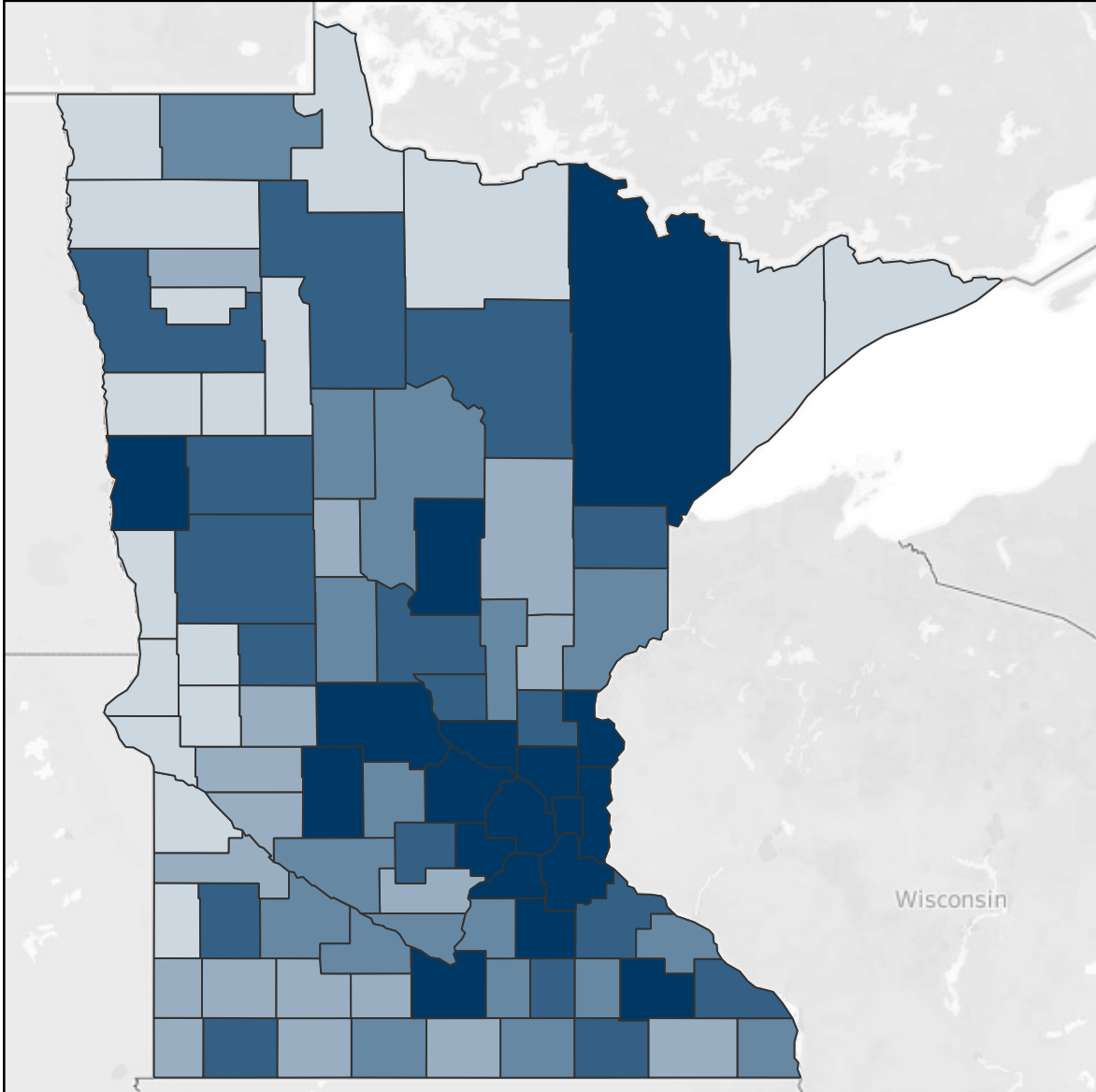
County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	1,194	1,156	Martin	1,919	1,866
Anoka	33,814	32,914	McLeod	3,463	3,365
Becker	3,173	3,071	Meeker	2,094	2,041
Beltrami	3,409	3,326	Mille Lacs	2,320	2,223
Benton	4,621	4,428	Morrison	3,345	3,215
Big Stone	523	513	Mower	4,162	4,011
Blue Earth	6,154	5,910	Murray	961	937
Brown	2,512	2,409	Nicollet	2,675	2,552
Carlton	3,023	2,960	Nobles	3,881	3,822
Carver	8,041	7,685	Norman	489	473
Cass	2,241	2,183	Olmsted	11,965	11,715
Chippewa	1,379	1,326	Otter Tail	4,909	4,760
Chisago	5,061	4,949	Pennington	1,410	1,338
Clay	7,003	6,826	Pine	2,848	2,806
Clearwater	724	705	Pipestone	1,019	989
Cook	121	118	Polk	3,458	3,369
Cottonwood	1,377	1,328	Pope	832	799
Crow Wing	5,265	5,125	Ramsey	43,660	42,377
Dakota	37,019	35,925	Red Lake	365	356
Dodge	1,552	1,518	Redwood	1,490	1,454
Douglas	3,975	3,867	Renville	1,537	1,458
Faribault	1,276	1,217	Rice	6,834	6,623
Fillmore	1,415	1,366	Rock	1,170	1,145
Freeborn	2,912	2,783	Roseau	1,815	1,788
Goodhue	3,938	3,789	Scott	13,605	13,192
Grant	495	484	Sherburne	8,906	8,683
Hennepin	102,498	99,226	Sibley	1,193	1,164
Houston	1,584	1,563	St. Louis	15,082	14,616
Hubbard	1,615	1,570	Stearns	18,957	18,551
Isanti	3,123	3,008	Steele	3,105	2,992
Itasca	3,173	3,089	Stevens	755	741
Jackson	951	925	Swift	889	867
Kanabec	1,099	1,055	Todd	2,509	2,449
Kandiyohi	5,866	5,732	Traverse	312	300
Kittson	418	392	Wabasha	1,884	1,860
Koochiching	624	607	Wadena	1,329	1,293
Lac qui Parle	693	667	Waseca	2,130	2,071
Lake	744	722	Washington	22,391	21,841
Lake of the Woods	227	218	Watonwan	1,188	1,168
Le Sueur	2,410	2,333	Wilkin	684	660
Lincoln	515	504	Winona	4,225	4,151
Lyon	3,150	3,090	Wright	12,737	12,423
Mahnomen	447	435	Yellow Medicine	980	959
Marshall	790	763	Unknown/missing	480	470

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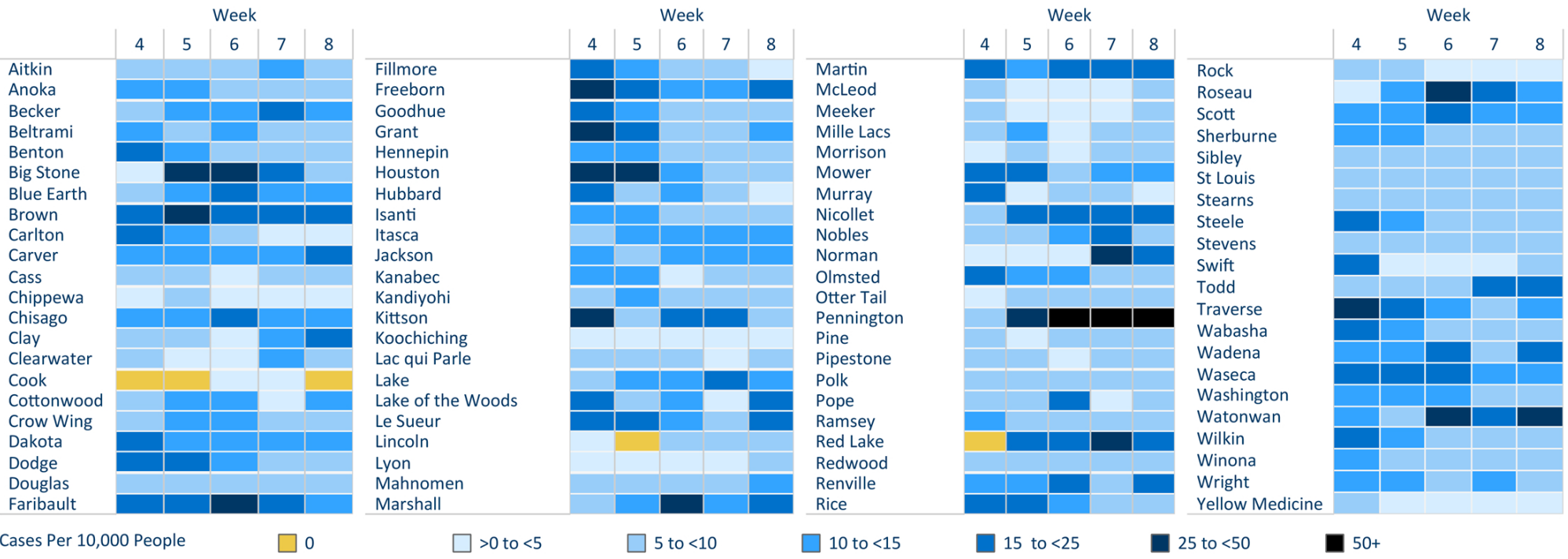
Cumulative Case Rate by County of Residence

Cumulative number of cases by county of residence per 10,000 people. Numbers include confirmed and probable cases.
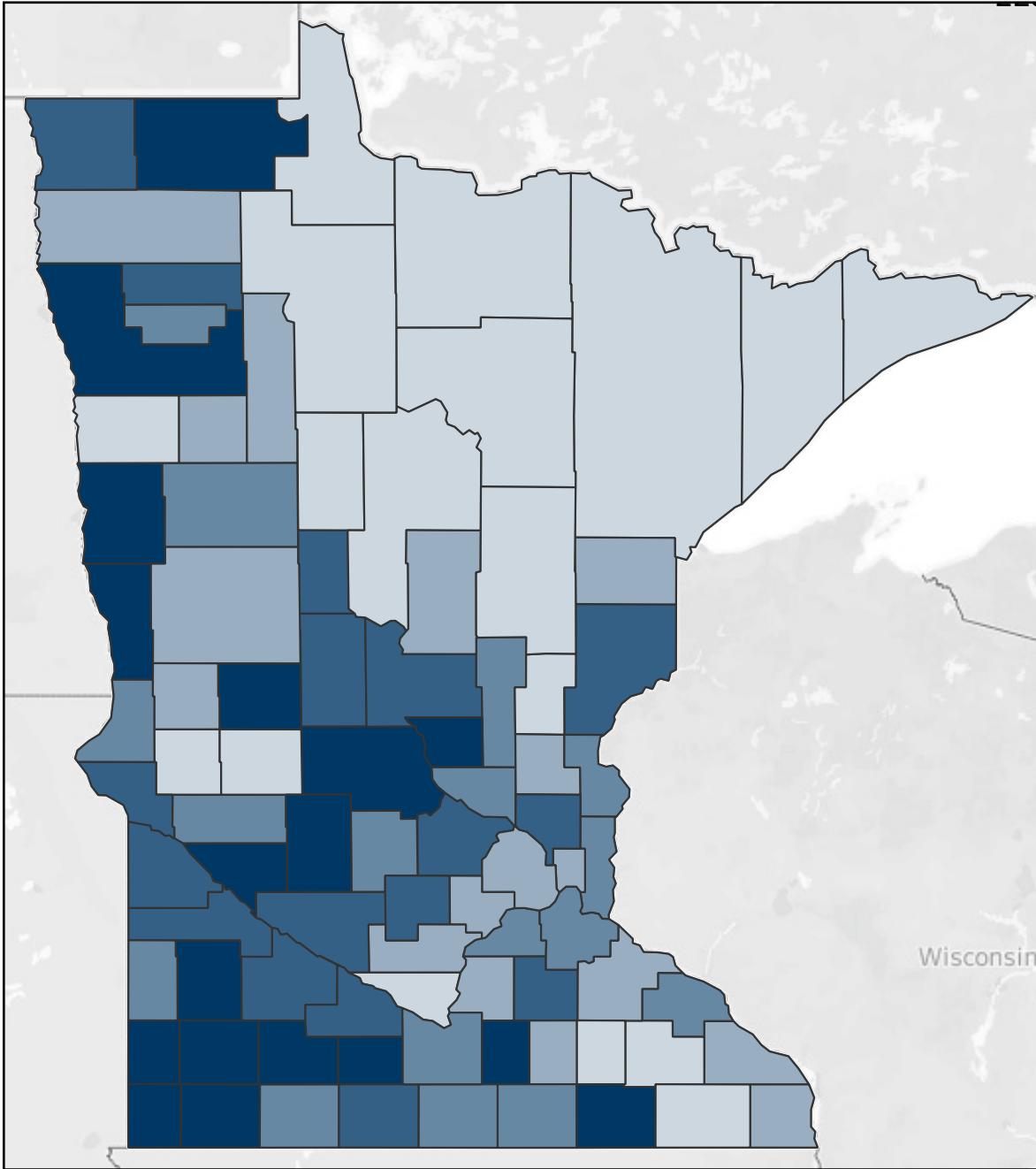
County	Cumulative Rate	County	Cumulative Rate
Aitkin	752	Martin	953
Anoka	961	McLeod	950
Becker	927	Meeker	901
Beltrami	734	Mille Lacs	888
Benton	1,127	Morrison	988
Big Stone	1,029	Mower	1,031
Blue Earth	902	Murray	1,136
Brown	976	Nicollet	771
Carlton	844	Nobles	1,773
Carver	777	Norman	729
Cass	760	Olmsted	773
Chippewa	1,138	Otter Tail	835
Chisago	914	Pennington	966
Clay	1,104	Pine	969
Clearwater	816	Pipestone	1,107
Cook	222	Polk	1,090
Cottonwood	1,191	Pope	736
Crow Wing	818	Ramsey	798
Dakota	872	Red Lake	903
Dodge	746	Redwood	959
Douglas	1,058	Renville	1,027
Faribault	892	Rice	1,021
Fillmore	662	Rock	1,230
Freeborn	931	Roseau	1,169
Goodhue	838	Scott	931
Grant	827	Sherburne	940
Hennepin	818	Sibley	787
Houston	847	St. Louis	742
Hubbard	770	Stearns	1,197
Isanti	789	Steele	824
Itasca	695	Stevens	760
Jackson	936	Swift	934
Kanabec	674	Todd	1,018
Kandiyohi	1,360	Traverse	929
Kittson	943	Wabasha	868
Koochiching	490	Wadena	962
Lac qui Parle	1,013	Waseca	1,115
Lake	702	Washington	875
Lake of the Woods	578	Watonwan	1,072
Le Sueur	847	Wilkin	1,067
Lincoln	897	Winona	825
Lyon	1,214	Wright	946
Mahnomen	801	Yellow Medicine	990
Marshall	830		

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 4: 1/24/21-1/30/21	Week 5: 1/31/21-2/6/21	Week 6: 2/7/21-2/13/21	Week 7: 2/14/21-2/20/21	Week 8: 2/21/21-2/27/21
Statewide 11.8	Statewide 11.1	Statewide 9.7	Statewide 9.1	Statewide 9.6

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Week (columns 4, 5, 6, 7, 8)

Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault

Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, Mahnomen, Marshall

Martin, McLeod, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice

Rock, Roseau, Scott, Sherburne, Sibley, St Louis, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine

Cases Per 10,000 People: 0 | >0 to <5 | 5 to <10 | 10 to <15 | 15 to <25 | 25 to <50 | 50+

Hospitalizations, ICU Hospitalizations

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.
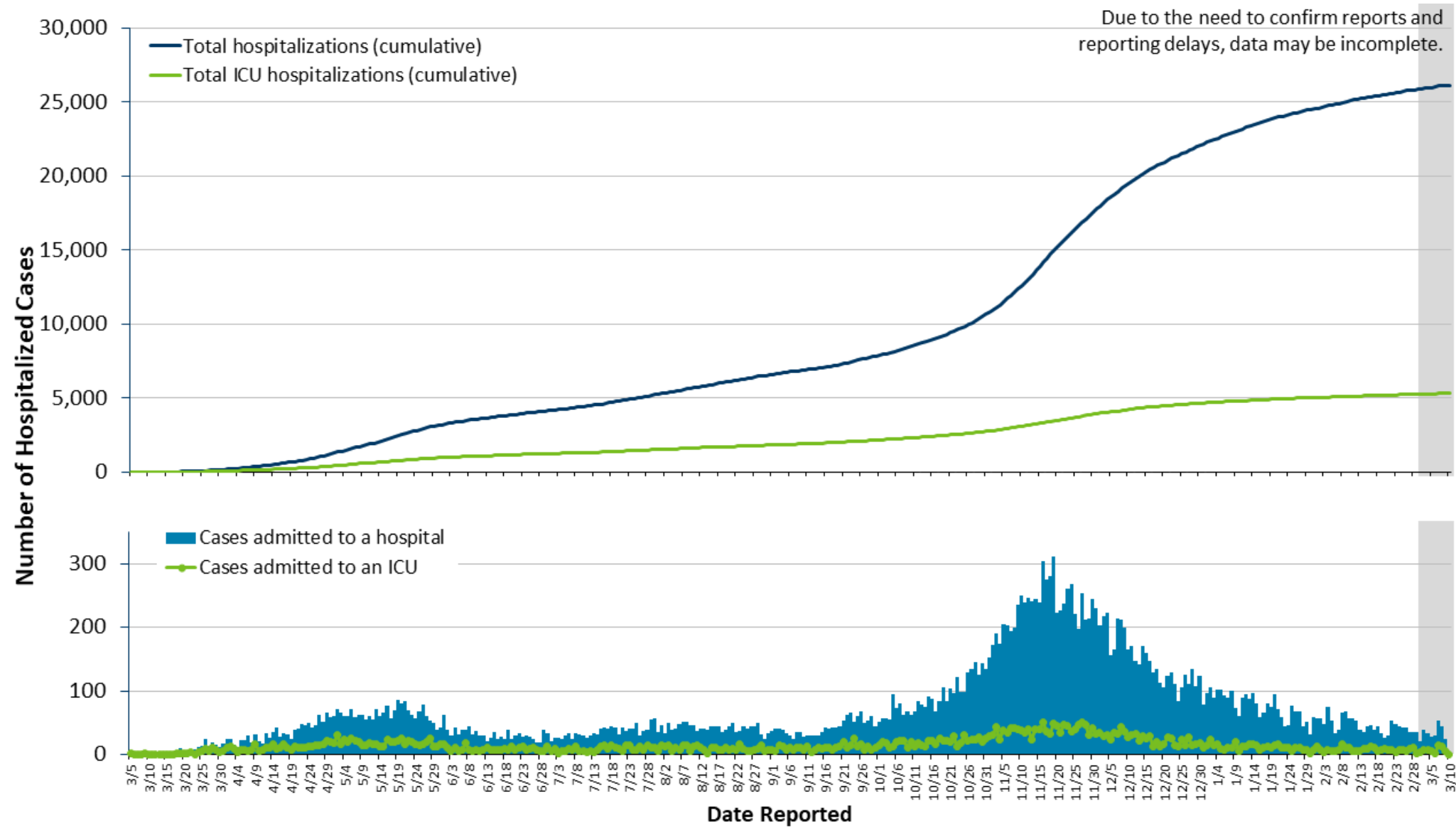
26,177
Total Hospitalizations
(cumulative)

5,410
Total ICU Hospitalizations
(cumulative)

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

- Total hospitalizations (cumulative)
- Total ICU hospitalizations (cumulative)
- Cases admitted to a hospital
- Cases admitted to an ICU

*Number of Hospitalized Cases* (y-axis)
Date Reported (x-axis)

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

Minnesota Department of Health Weekly COVID-19 Report: Updated 3/11/2021 with data current as of 4 p.m. the previous day.
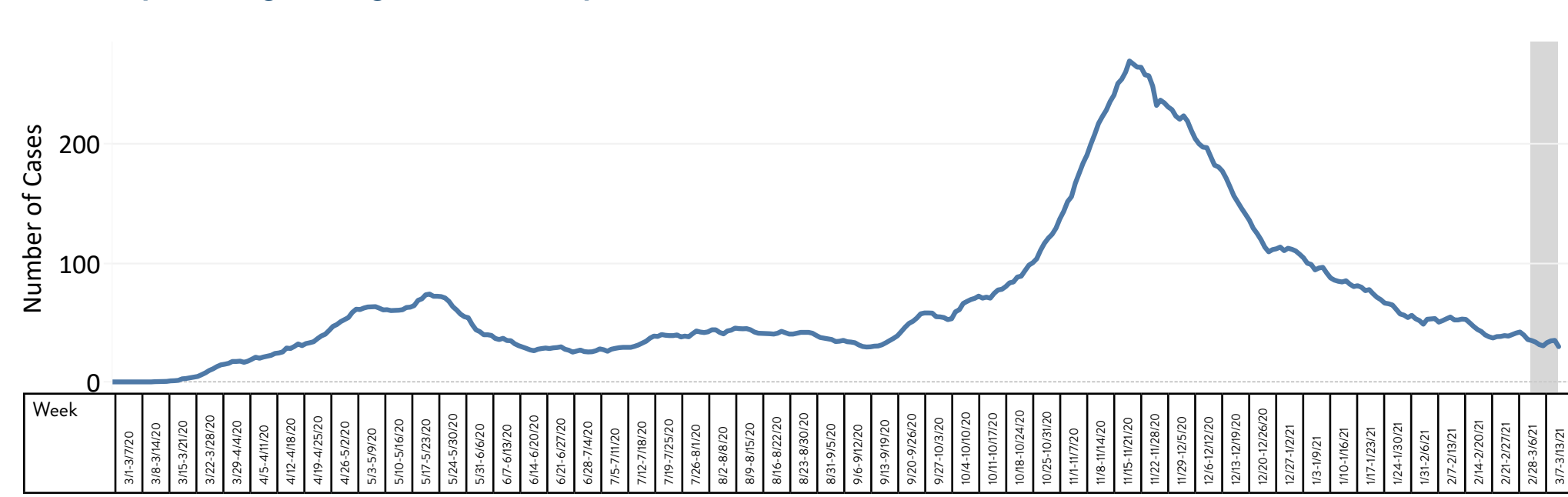
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Hospitalizations by Week, 7-Day Average

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
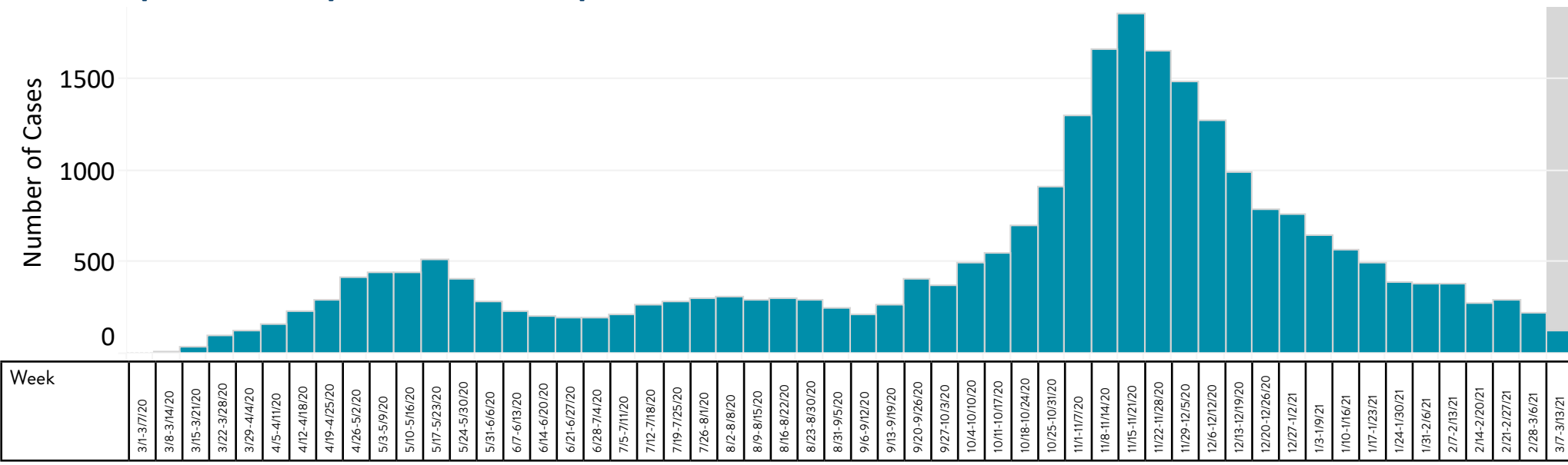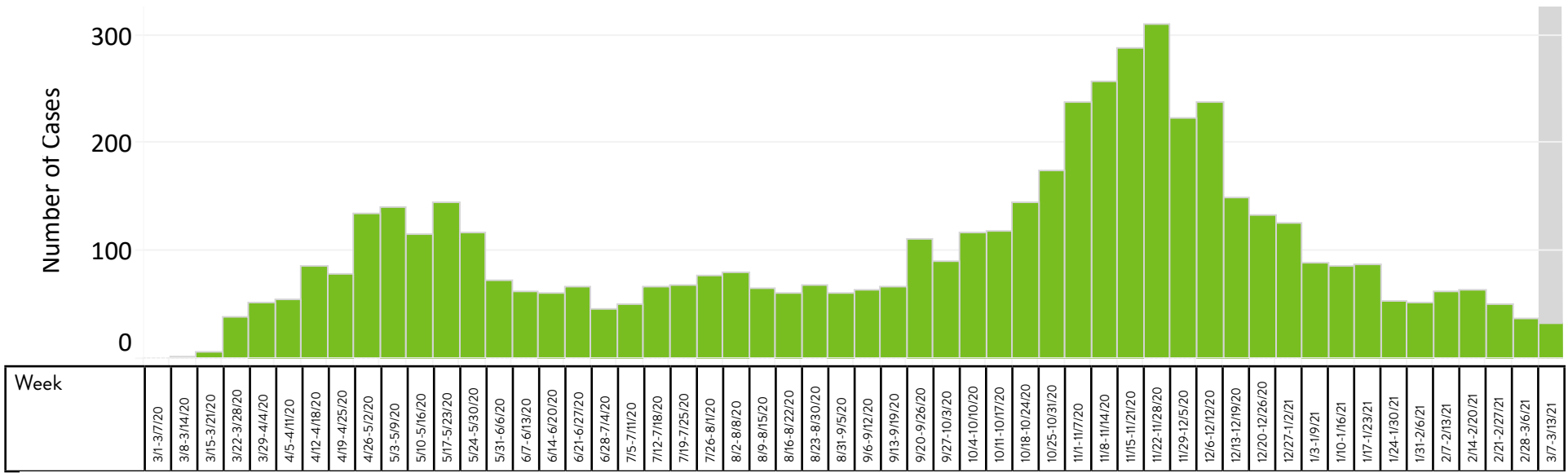

Seven Day Moving Average of New Hospitalizations

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

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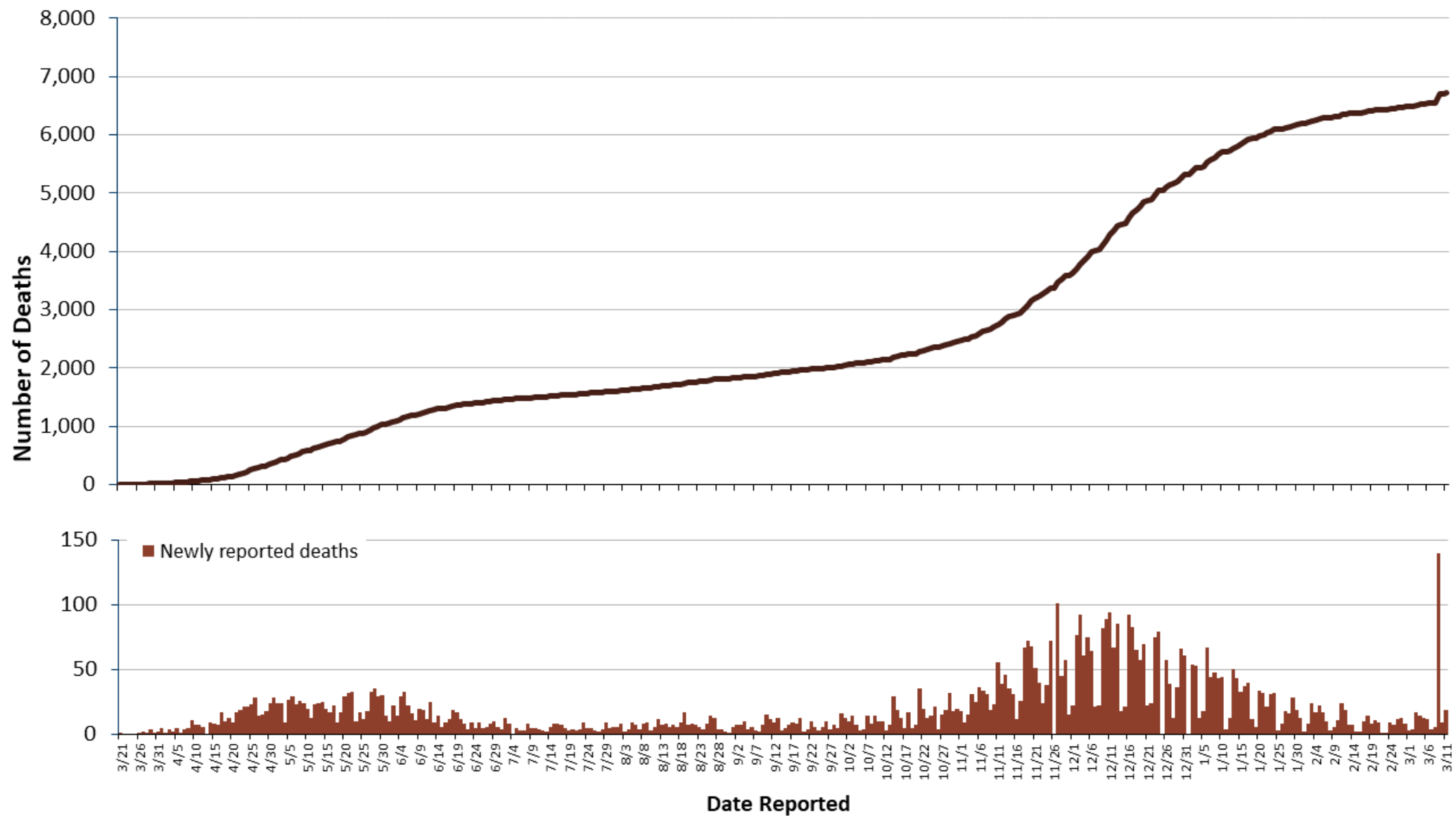
- Tables of current data and more information about total deaths (also known as total deaths with laboratory testing) and non-laboratory-confirmed deaths: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

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
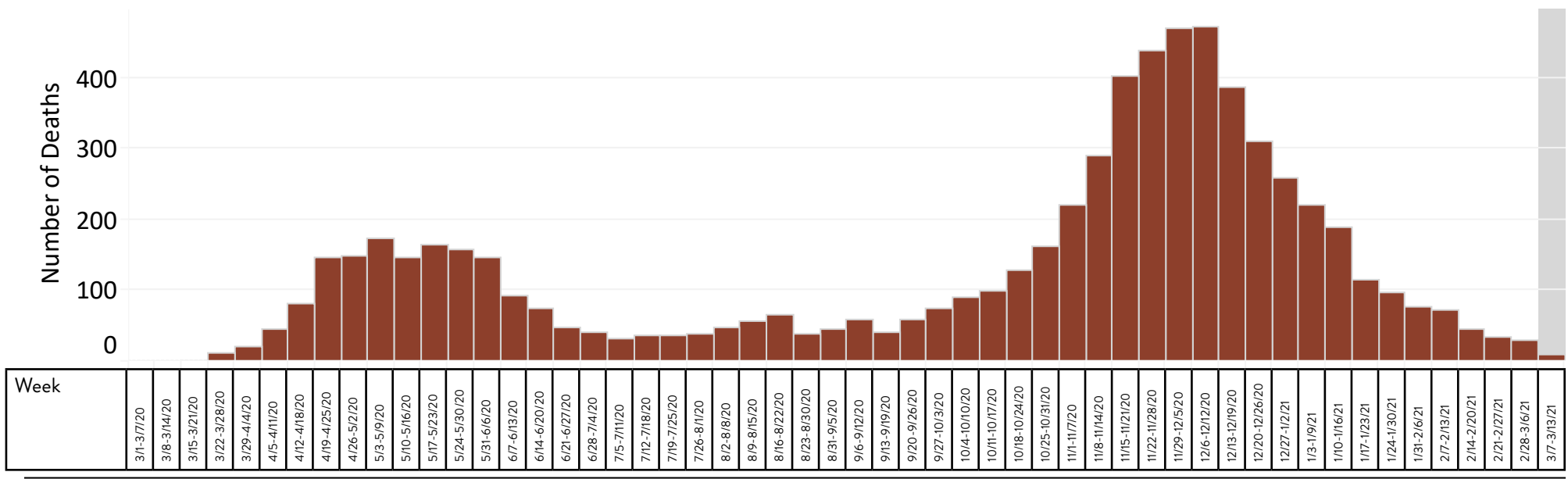
Seven Day Moving Average of Deaths

Deaths by County of Residence

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

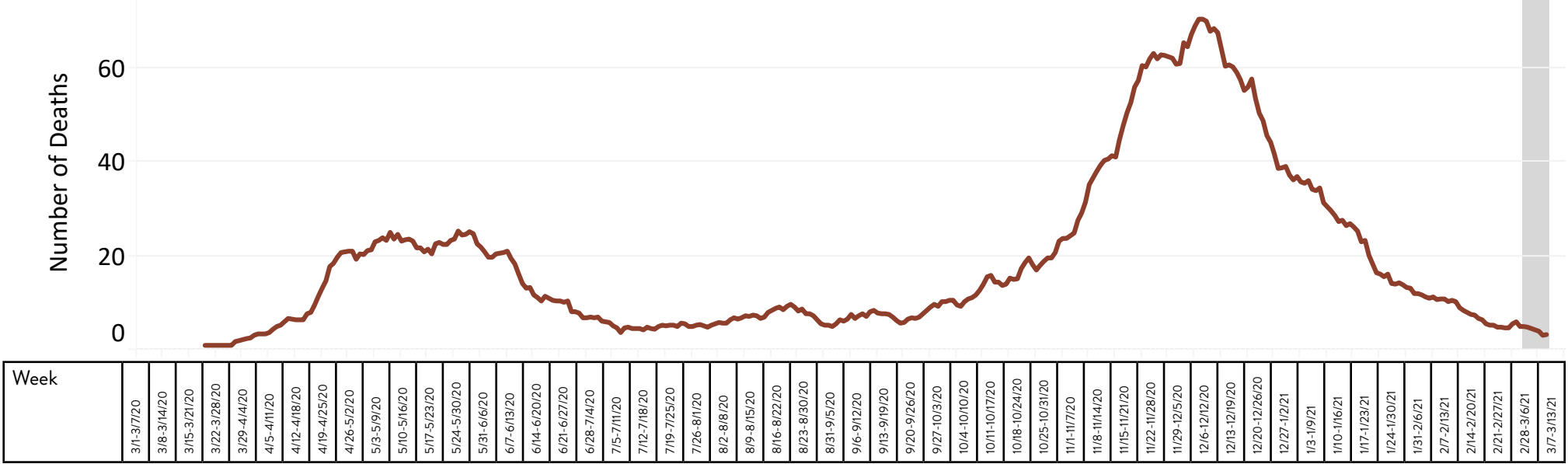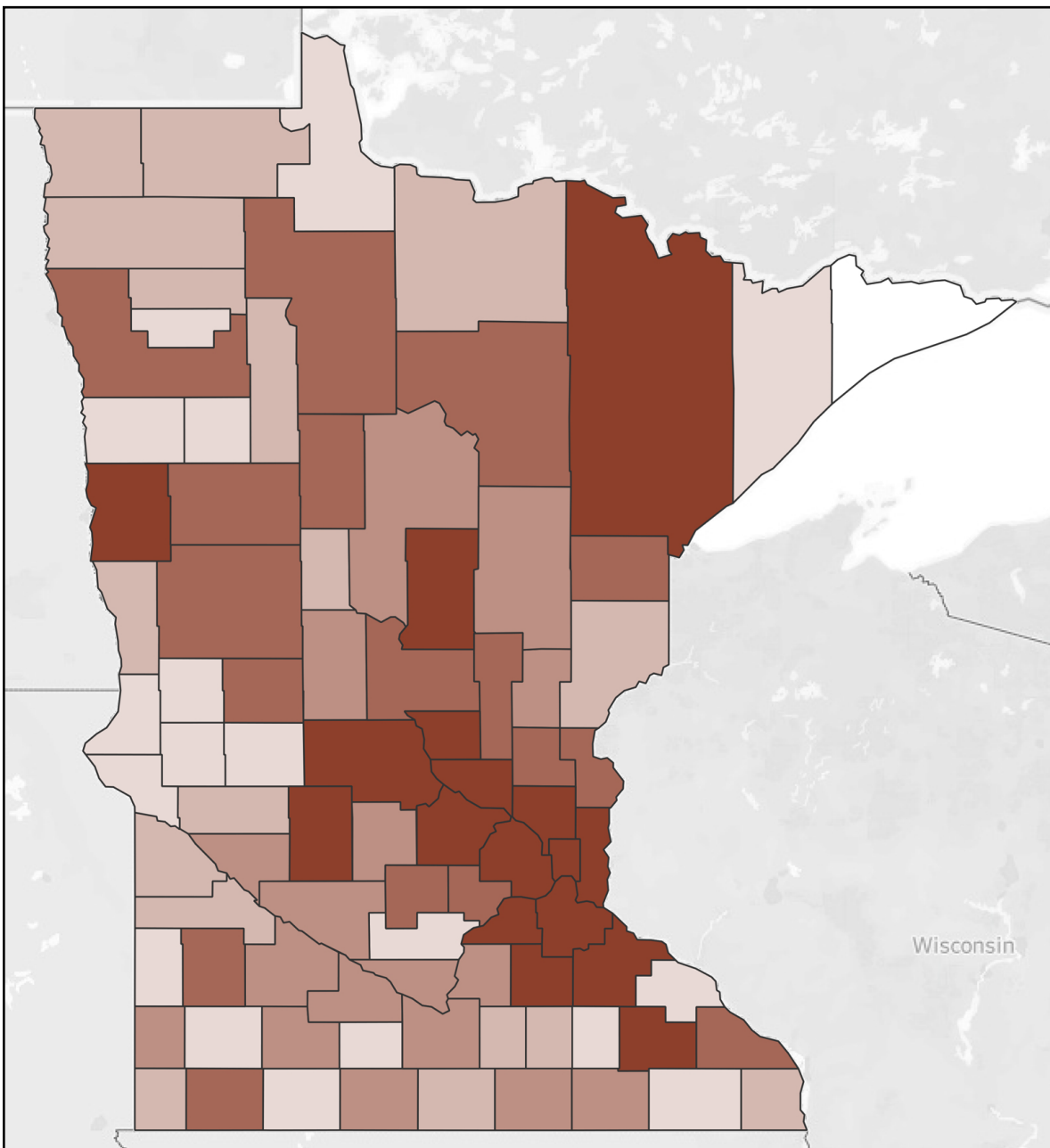| County	Deaths	County	Deaths
Aitkin	33	Martin	28
Anoka	390	McLeod	50
Becker	42	Meeker	34
Beltrami	51	Mille Lacs	47
Benton	90	Morrison	47
Big Stone	3	Mower	31
Blue Earth	35	Murray	8
Brown	37	Nicollet	41
Carlton	49	Nobles	47
Carver	40	Norman	8
Cass	24	Olmsted	89
Chippewa	35	Otter Tail	70
Chisago	45	Pennington	16
Clay	87	Pine	16
Clearwater	14	Pipestone	24
Cook	0	Polk	63
Cottonwood	20	Pope	5
Crow Wing	82	Ramsey	805
Dakota	392	Red Lake	5
Dodge	4	Redwood	27
Douglas	68	Renville	40
Faribault	17	Rice	91
Fillmore	8	Rock	14
Freeborn	24	Roseau	17
Goodhue	69	Scott	107
Grant	8	Sherburne	73
Hennepin	1,588	Sibley	10
Houston	14	St. Louis	264
Hubbard	41	Stearns	202
Isanti	56	Steele	11
Itasca	46	Stevens	8
Jackson	10	Swift	18
Kanabec	19	Todd	30
Kandiyohi	74	Traverse	5
Kittson	21	Wabasha	3
Koochiching	11	Wadena	20
Lac qui Parle	16	Waseca	17
Lake	18	Washington	259
Lake of the Woods	1	Watonwan	8
Le Sueur	20	Wilkin	11
Lincoln	2	Winona	49
Lyon	44	Wright	116
Mahnomen	7	Yellow Medicine	17
Marshall	15	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	38 (<1 month - 110)
Non-Hospitalized Cases	37 (<1 month - 110)
Hospitalizations	65 (<1 month - 105)
ICU Hospitalizations	65 (<1 month - 105)
Deaths	83 (<1 - 109)

Legend: Proportion of Cases; Proportion of Hospitalizations; Proportion of ICU Admissions; Proportion of Deaths
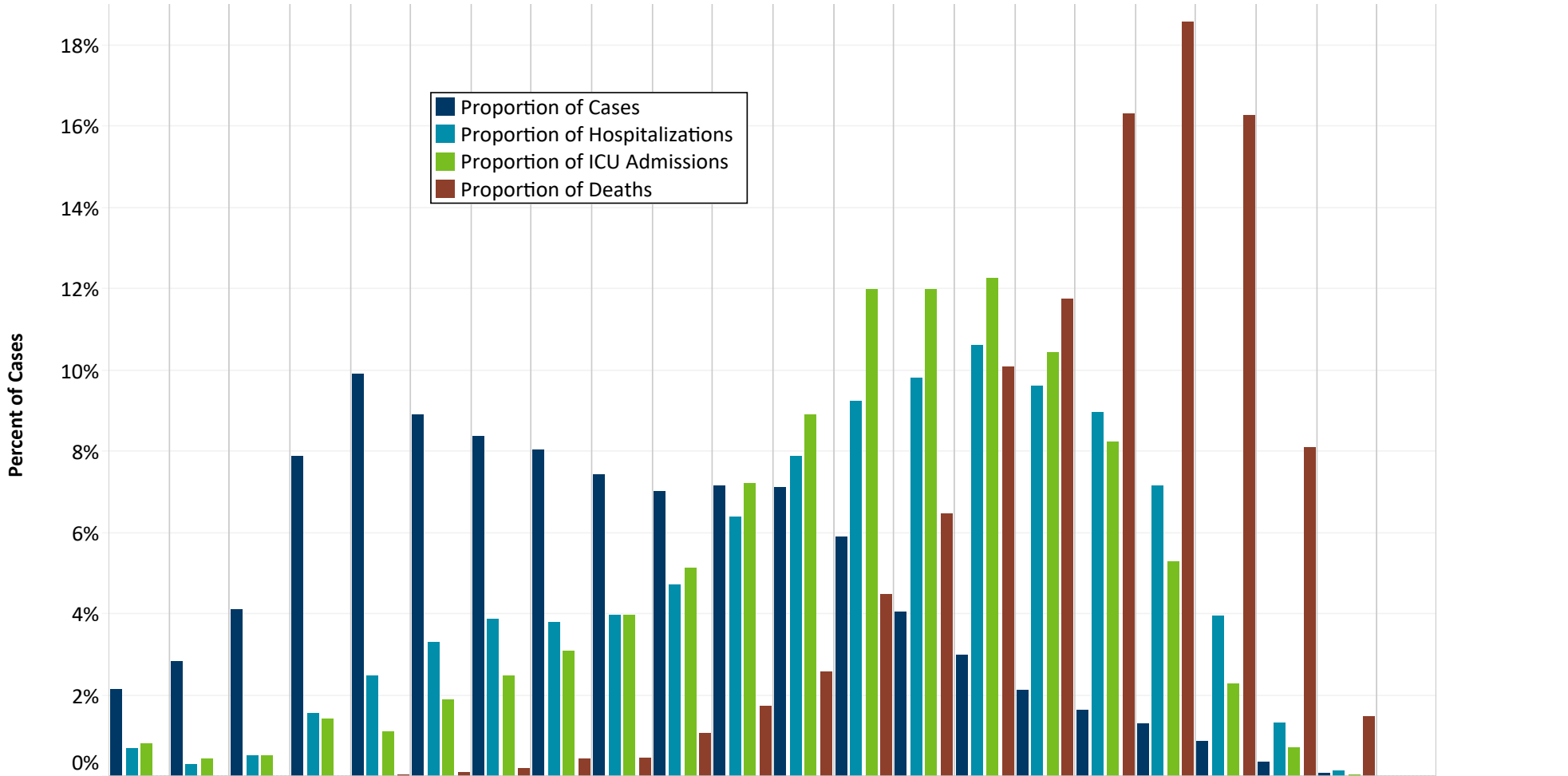
Age Group (in years)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unk./missing	Total
All Cases	10,576	13,878	20,168	38,908	48,923	44,021	41,218	39,658	36,718	34,605	35,344	35,057	29,109	19,941	14,691	10,363	8,126	6,392	4,325	1,717	336	32	494,106
Hospitalizations	177	77	137	399	641	863	1,018	987	1,036	1,234	1,665	2,059	2,417	2,565	2,771	2,517	2,345	1,866	1,027	343	33	0	26,177
ICU Hospitalizations	43	22	27	77	59	103	133	167	215	277	389	482	648	648	663	565	445	285	123	38	1	0	5,410
Deaths	1	1	0	0	3	6	13	27	30	67	109	165	296	425	661	794	1,090	1,275	1,104	548	109	0	6,724

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.

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

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■ 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.
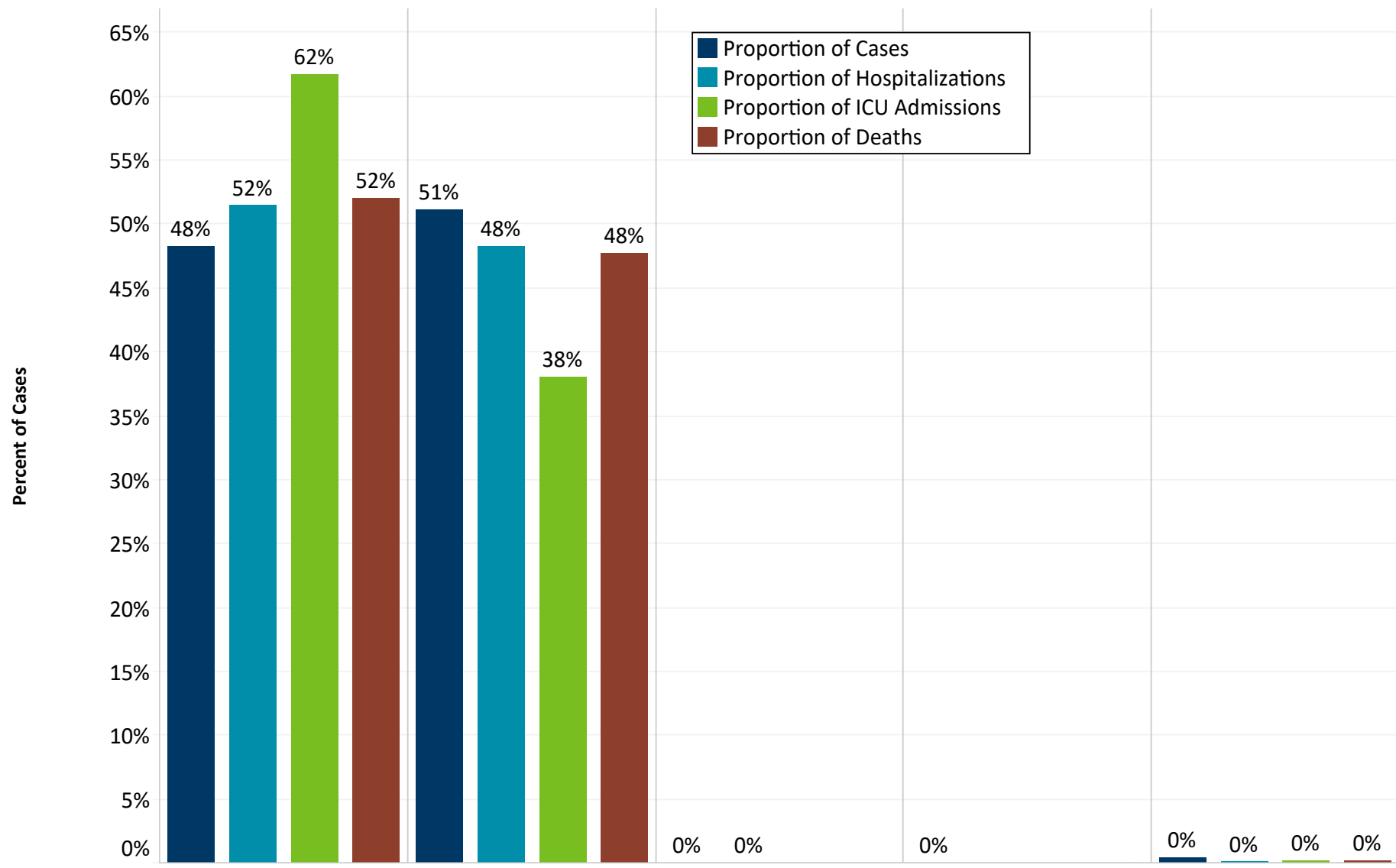
Gender	Male	Female	Other	Unk./missing	Total
All Cases	238,820	252,922	35	2,329	494,106
Hospitalizations	13,490	12,646	1	40	26,177
ICU Hospitalizations	3,340	2,057	0	13	5,410
Deaths	3,496	3,209	0	19	6,724

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%
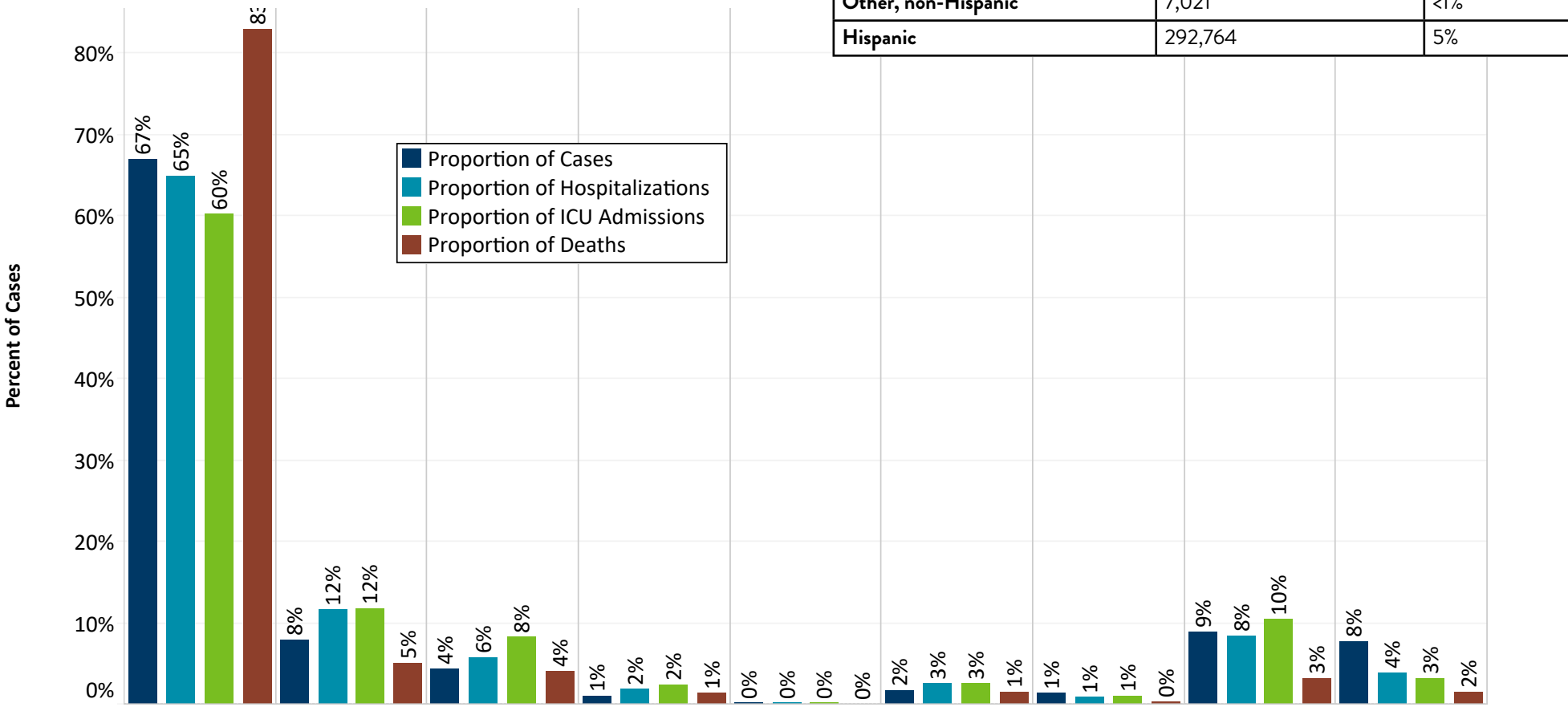
Race/ethnicity	White, non-Hispanic	Black, non-Hispanic	Asian, non-Hispanic	Amer. Indian/ AK Native, NH	Native HI/ Pacific Isl., NH	Multiple Races, non-Hispanic	Other, non-Hispanic	Hispanic	Unknown/ missing	Total
All Cases	330,741	39,250	21,583	4,669	555	8,625	6,567	43,983	38,133	494,106
Hospitalizations	17,018	3,040	1,496	465	31	669	225	2,221	1,012	26,177
ICU Hospitalizations	3,262	641	444	128	5	139	52	568	171	5,410
Deaths	5,571	323	263	90	6	102	23	204	142	6,724

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.

Legend: ■ All Cases ■ Hospitalized cases ■ Hospitalized in ICU ■ Deaths

Adjusted Cumulative Case Rate

All Cases (top chart):
- White, non-Hispanic: 6,564
- Black, non-Hispanic: 9,549
- Asian, non-Hispanic: 6,404
- American Indian/Alaskan Native, NH: 6,678
- Native Hawaiian/Pacific Islander, NH: 16,527
- Multiple Races, non-Hispanic: 6,564
- Hispanic: 9,412

Hospitalizations / ICU / Deaths (bottom chart):
- White, non-Hispanic: 224 / 42 / 73
- Black, non-Hispanic: 937 / 215 / 199
- Asian, non-Hispanic: 575 / 193 / 184
- American Indian/Alaskan Native, NH: 773 / 295 / 327
- Native Hawaiian/Pacific Islander, NH: - / - / -
- Multiple Races, non-Hispanic: 1,184 / 246 / 458
- Hispanic: 1,010 / 279 / 172

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	6,564	9,549	6,404	6,678	16,527	6,564	9,412
Hospitalizations	224	937	575	773	-	1,184	1,010
ICU Hospitalizations	42	215	193	295	-	246	279
Deaths	73	199	184	327	-	458	172

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.
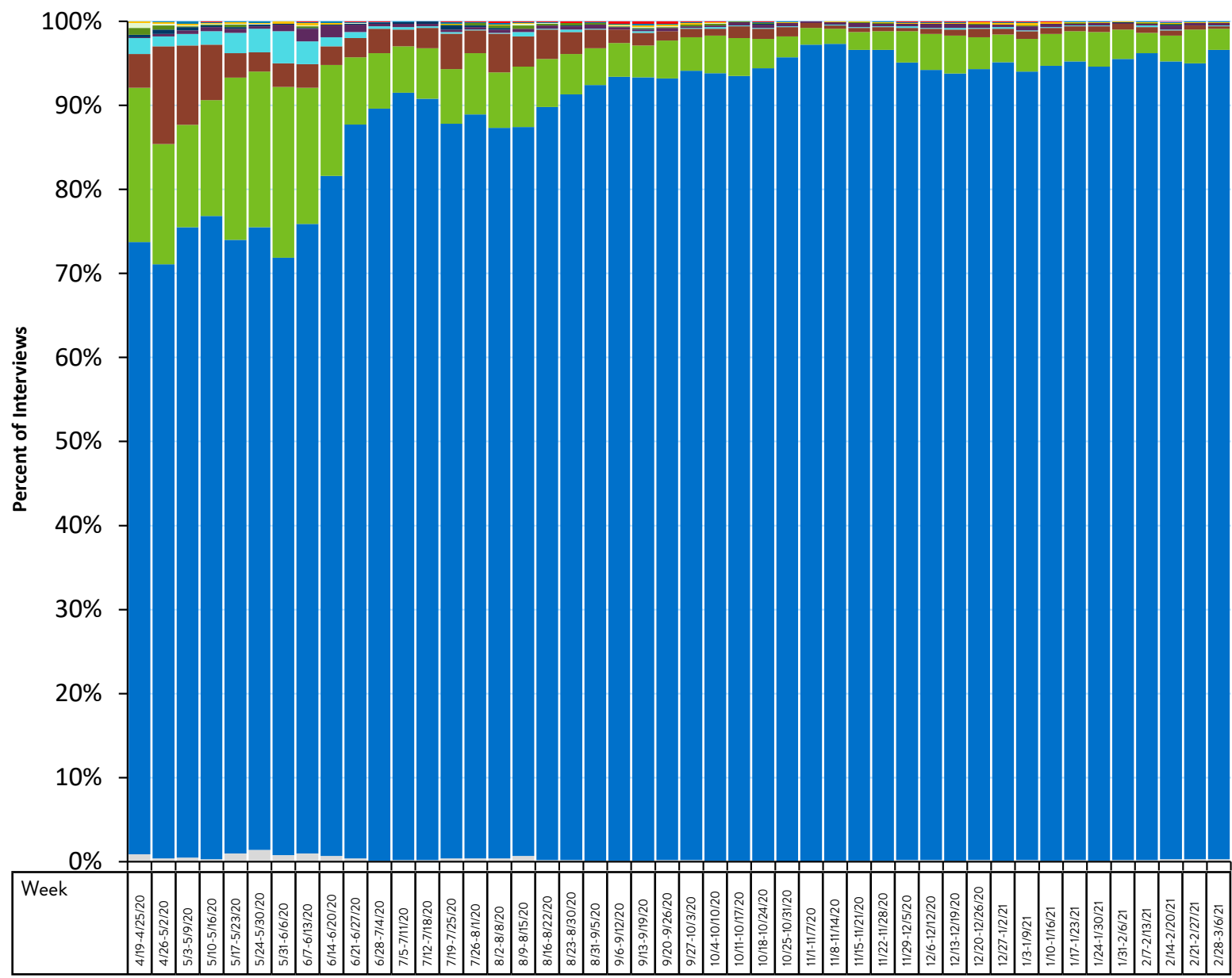
Language	Total % of Interviews
Mandarin	<1%
Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
Amharic	<1%
Oromo	<1%
Hmong	<1%
Karen	<1%
Somali	2%
Spanish	5%
English	92%
Other	<1%

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

Week	Language	Percent
Week 6: 2/7-2/13/21	English	95.9%
	Spanish	2.4%
	Somali	0.7%
	Hmong	0.2%
	Karen	0.2%
	Oromo	0.0%
	Vietnamese	0.1%
	Amharic	0.1%
	Other	0.4%
Week 7: 2/14-2/20/21	English	95.0%
	Spanish	3.1%
	Somali	0.6%
	Hmong	0.5%
	Karen	0.1%
	Oromo	0.1%
	Vietnamese	0.1%
	Amharic	0.1%
	Other	0.4%
Week 8: 2/21-2/27/21	English	94.4%
	Spanish	4.0%
	Somali	0.5%
	Hmong	0.3%
	Karen	0.0%
	Oromo	0.0%
	Vietnamese	0.1%
	Amharic	0.0%
	Other	0.6%

Spanish Language Interviews by Week and County

© Mapbox © OSM

Legend:
- 0% or no interviews
- >0 to 25%
- >25% to 50%
- >50% to 75%

Somali Language Interviews by Week and County

© Mapbox © OSM

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

Hmong Language Interviews by Week and County

© Mapbox © OSM

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

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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.
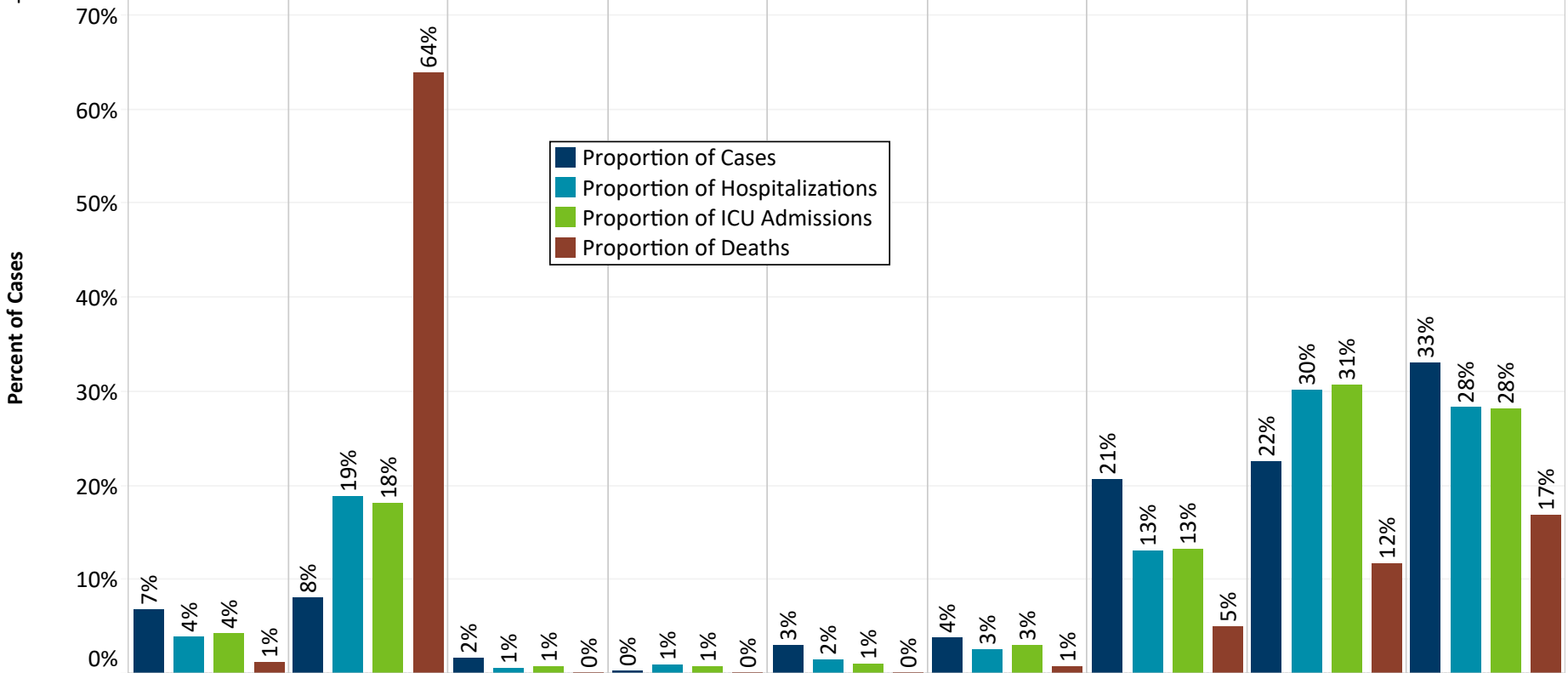
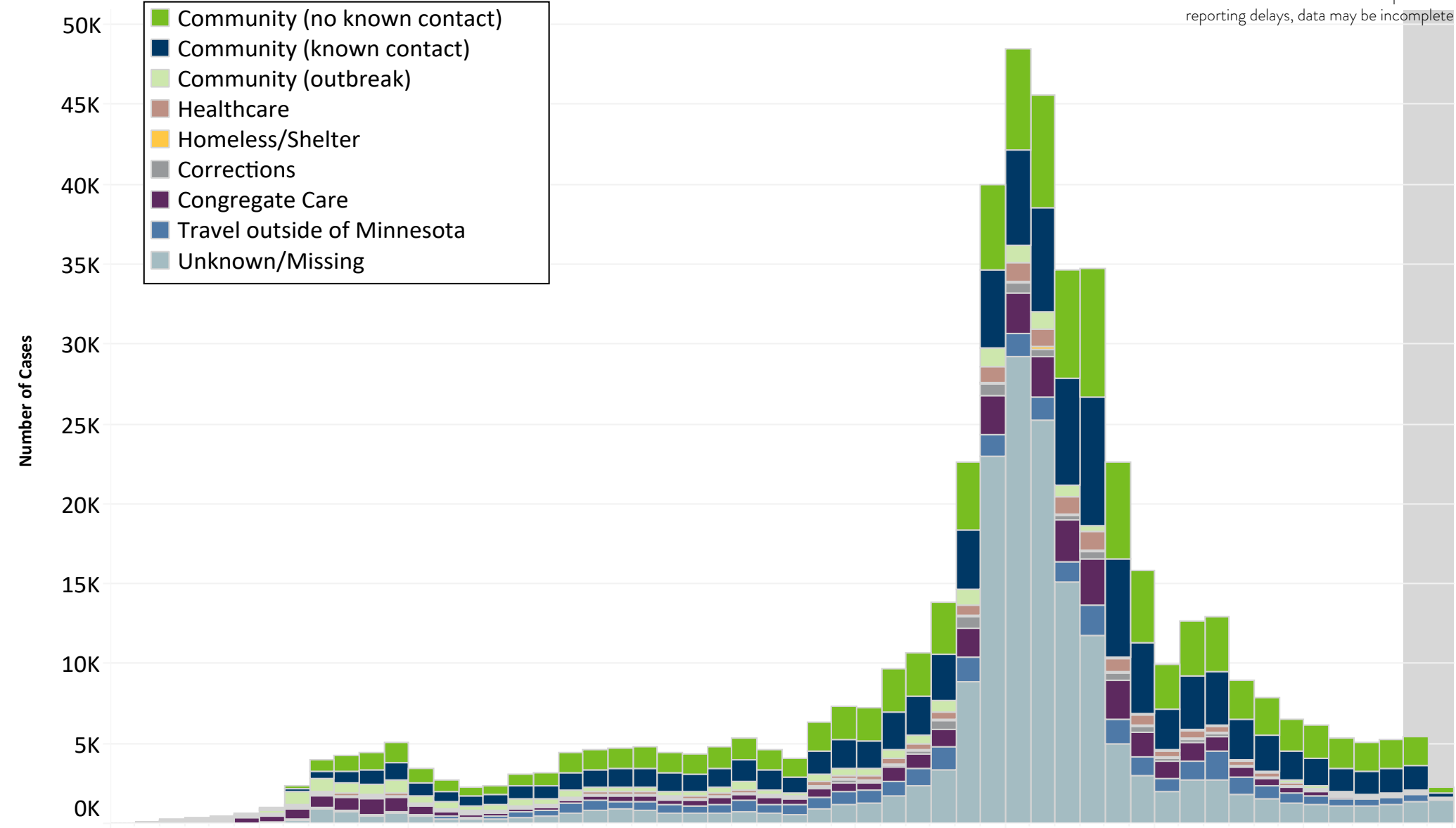| Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/ Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	34,030	40,089	8,034	1,191	14,930	19,108	102,334	111,069	163,321	494,106
Hospitalizations	1,026	4,947	148	248	415	670	3,440	7,891	7,392	26,177
ICU Hospitalizations	230	978	39	38	59	163	714	1,663	1,526	5,410
Deaths	77	4,380	13	9	11	47	322	762	1,103	6,724

- Community (outbreak): Case was exposed to a known outbreak setting in Minnesota that is not also a congregate living setting (e.g., long-term care, corrections, shelter) or health care setting. This includes restaurant/bars, sports, worksites that are not living settings, etc.
- Travel: Case traveled outside of Minnesota in the 2 weeks before illness.
- Congregate Care Setting: Residents, and staff who are not part of a non-congregate care setting outbreak and did not have an exposure to a positive household member. Congregate care settings include long-term care facilities (LTCF), assisted living facilities, group homes, or residential behavioral health (RBH) facilities.
- Corrections: Inmates who were exposed while incarcerated, and staff of a jail/prison setting who are not part of a non-corrections outbreak and did not have an exposure to a positive household member.
- Homeless/Shelter: Residents/guests, and staff who are not part of a non-shelter outbreak and did not have an exposure to a positive household member.
- Health Care: Patients who were part of nosocomial outbreaks, and staff who are not part of a non-acute health care setting outbreak and did not have an exposure to a positive household member.
- Community (known contact with confirmed case): Case has a known exposure to a positive case and does not fit into any of the previous categories.
- Community (unknown contact with confirmed case): Case has no known exposure to a positive case and does not fit into any of the previous categories.

Cases by Likely Exposure and Specimen Collection Date

Cases by likely exposure by specimen collection date. This chart shows how exposure to COVID-19 has changed over time during the pandemic in Minnesota. Numbers include confirmed and probable cases.
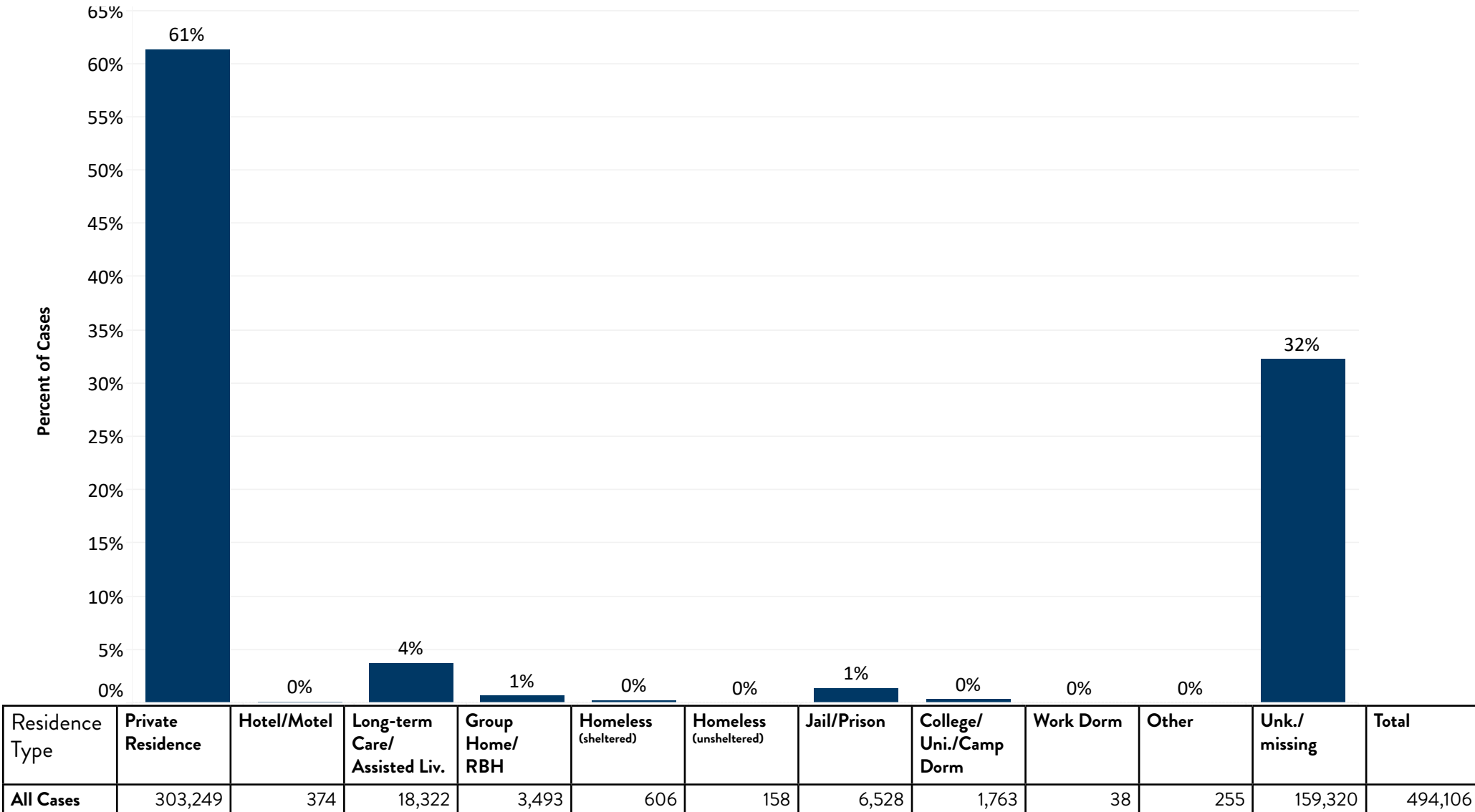
Due to the need to confirm reports and reporting delays, data may be incomplete

Legend:
- Community (no known contact)
- Community (known contact)
- Community (outbreak)
- Healthcare
- Homeless/Shelter
- Corrections
- Congregate Care
- Travel outside of Minnesota
- Unknown/Missing

Week (x-axis): 3/1-3/7/20, 3/8-3/14/20, 3/15-3/21/20, 3/22-3/28/20, 3/29-4/4/20, 4/5-4/11/20, 4/12-4/18/20, 4/19-4/25/20, 4/26-5/2/20, 5/3-5/9/20, 5/10-5/16/20, 5/17-5/23/20, 5/24-5/30/20, 5/31-6/6/20, 6/7-6/13/20, 6/14-6/20/20, 6/21-6/27/20, 6/28-7/4/20, 7/5-7/11/20, 7/12-7/18/20, 7/19-7/25/20, 7/26-8/1/20, 8/2-8/8/20, 8/9-8/15/20, 8/16-8/22/20, 8/23-8/30/20, 8/31-9/5/20, 9/6-9/12/20, 9/13-9/19/20, 9/20-9/26/20, 9/27-10/3/20, 10/4-10/10/20, 10/11-10/17/20, 10/18-10/24/20, 10/25-10/31/20, 11/1-11/7/20, 11/8-11/14/20, 11/15-11/21/20, 11/22-11/28/20, 11/29-12/5/20, 12/6-12/12/20, 12/13-12/19/20, 12/20-12/26/20, 12/27-1/2/21, 1/3-1/9/21, 1/10-1/16/21, 1/17-1/23/21, 1/24-1/30/21, 1/31-2/6/21, 2/7-2/13/21, 2/14-2/20/21, 2/21-2/27/21, 2/28-3/6/21, 3/7-3/13/21

MN Phases of Reopening:
- Stay Home MN 3/26-5/17
- Phase 1 5/18-6/1
- P2 6/1-9
- Phase 3+ 6/10-present

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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	303,249	374	18,322	3,493	606	158	6,528	1,763	38	255	159,320	494,106

Cases among Health Care Workers

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

38,315
Total Health Care Workers
(cumulative)

908
Total Health Care Staff Hospitalized
(cumulative)

160
Total Health Care Staff Hospitalized in ICU
(cumulative)

31
Total Health Care Staff Deaths
(cumulative)
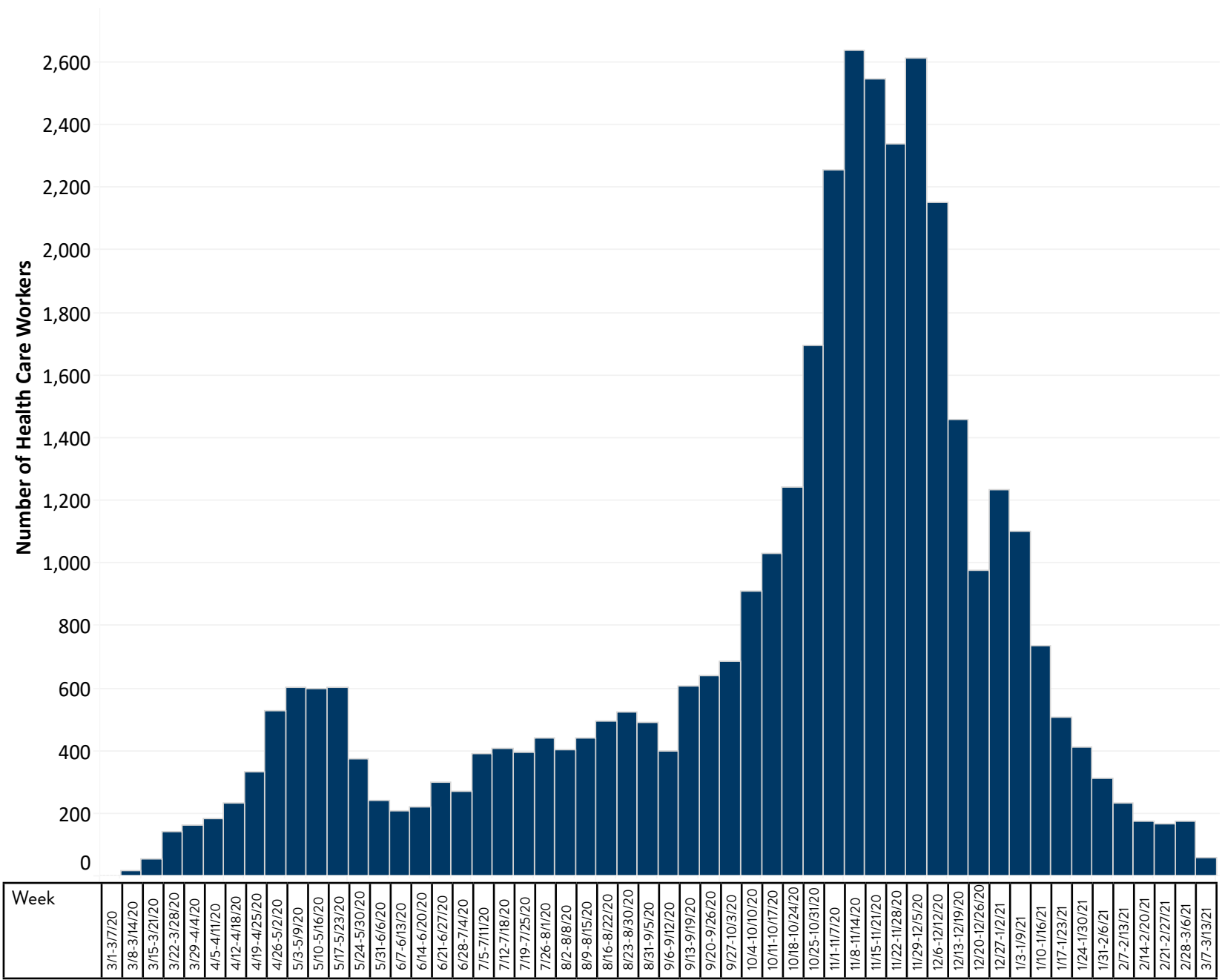
High Risk Exposures in Health Care Workers

MDH works with health care facilities to monitor health care workers who have had high-risk exposures with known positive patients/residents, co-workers, or social contacts. This data shows high-risk exposures experienced by health care workers in Minnesota who have been in contact with individuals with confirmed COVID-19 and the percent of exposures that lead to a positive test within 14 days of high-risk exposure (coworker, household/social, patient or resident). This data does not capture the exposures of all health care workers who become COVID-19 cases.

14,437
Total High Risk Health Care Worker Exposures (cumulative)

1,409
Total High Risk Health Care Worker Exposures Reulting in a Positive Test (cumulative)

Legend: Household or Social Exposure, Coworker Exposure, Resident Exposure, Patient Exposure
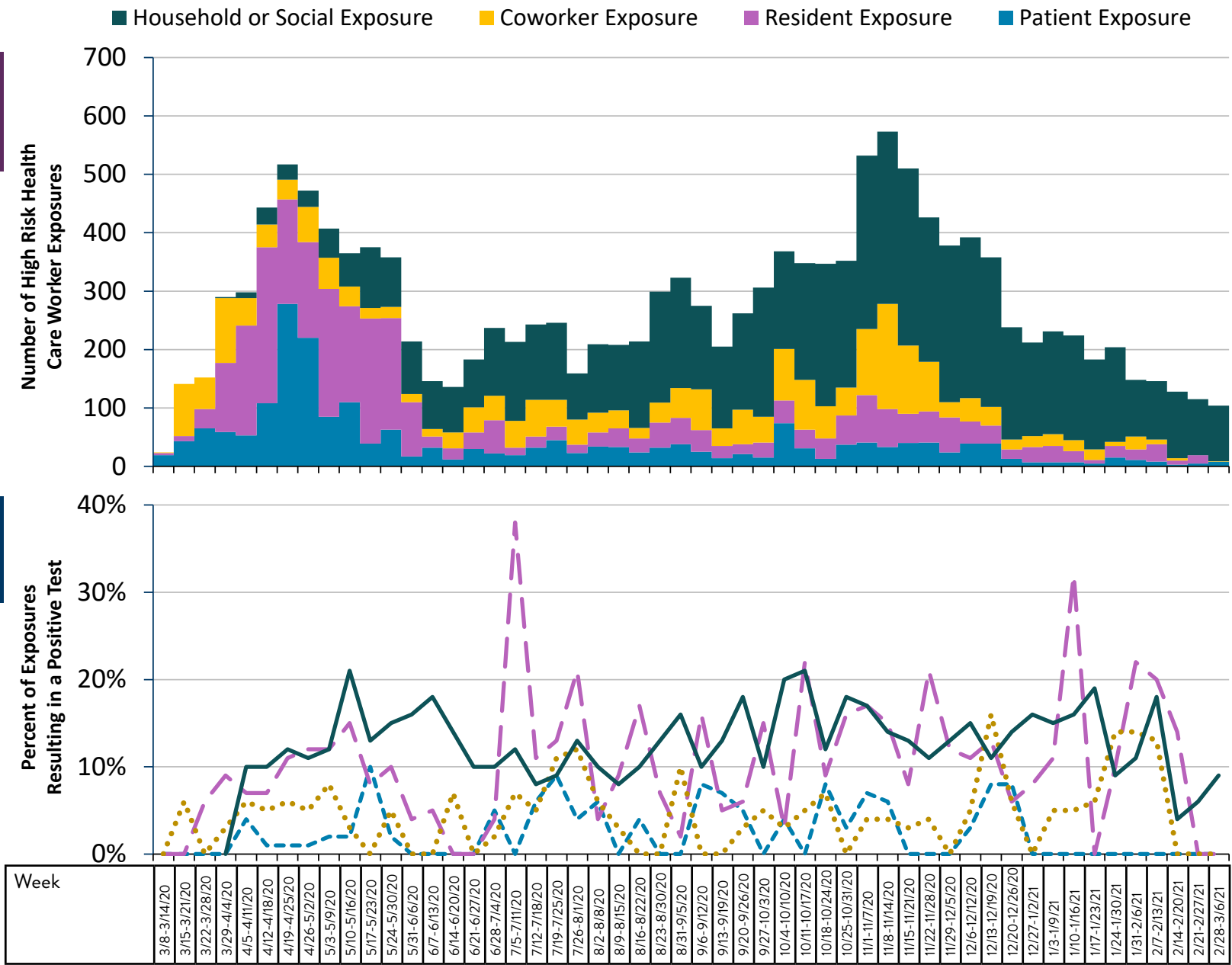
Potential Exposure in Child Care Settings

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.

1,418
Total Child Care Programs (cumulative)

Cases per program	Programs	Percent
1 case	562	40%
2-4 cases	548	39%
≥5 cases	308	22%

2,896
Total Child Care Staff (cumulative)

1,869
Total Child Care Attendees (cumulative)

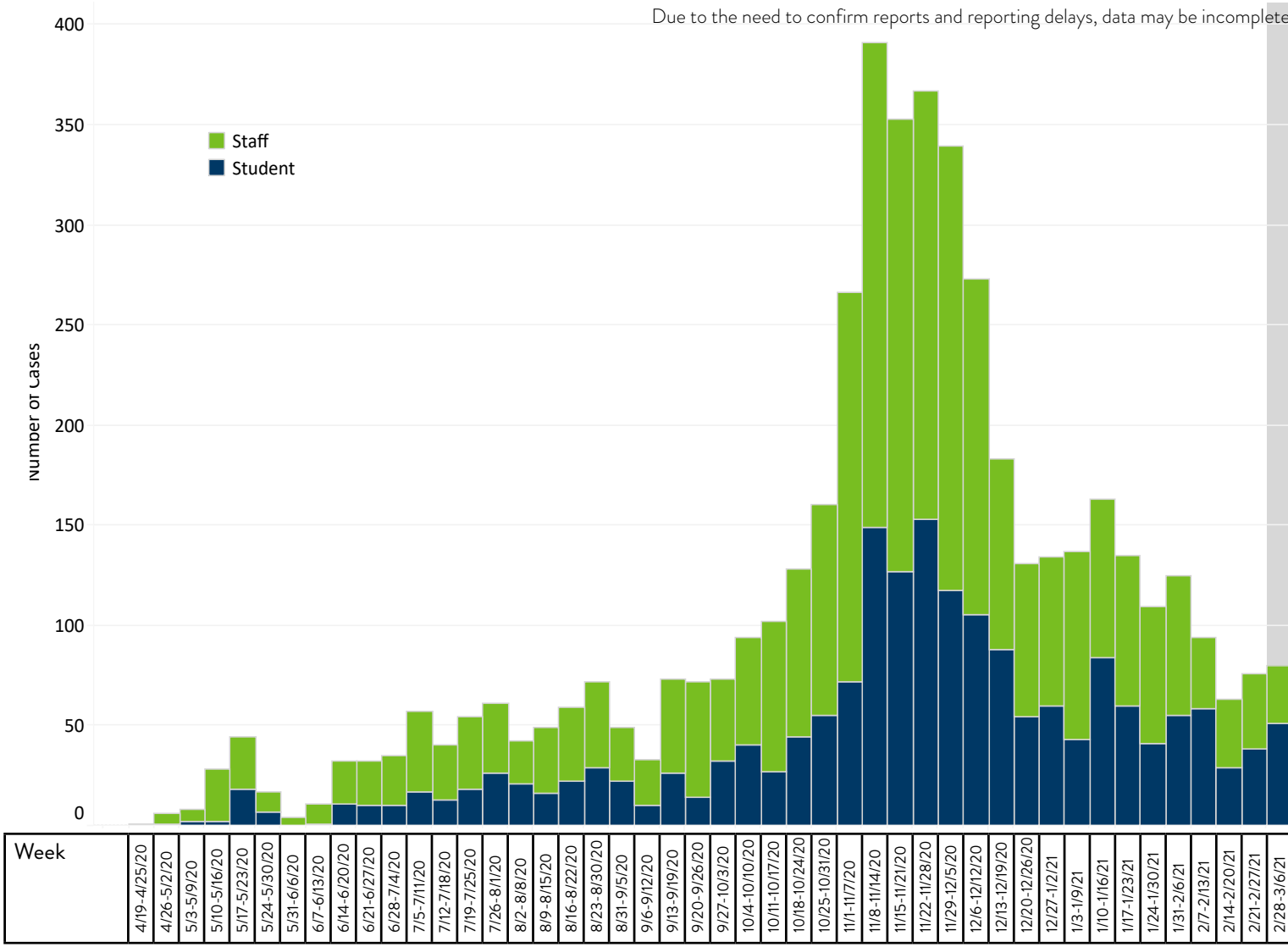|	
45 Total Hospitalized Child Care-affiliated Staff Cases (cumulative)	**8** Total Hospitalized Child Care-affiliated Attendee Cases (cumulative)
3 Total ICU Hospitalized Child Care-affiliated Staff Cases (cumulative)	**1** Total ICU Hospitalized Child Care-affiliated Attendee Cases (cumulative)
0 Total Child Care-affiliated Staff Deaths (cumulative)	**0** Total Child Care-affiliated Attendee Deaths (cumulative)

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

Legend: Staff, Student

Cases Associated with Pre-K through Grade 12 School Buildings

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. These numbers include cases exposed in a school setting, cases exposed in other settings, and cases where the exposure setting was not confirmed. 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.

15,511
Total PreK-12 School Building-associated Cases (cumulative)

7,316
Total PreK-12 School Staff Cases (cumulative)

8,195
Total PreK-12 Student Cases (cumulative)

114
Total Hospitalized PreK-12-affiliated Staff Cases (cumulative)

34
Total Hospitalized PreK-12-affiliated Student Cases (cumulative)

18
Total ICU Hospitalized PreK-12-affiliated Staff Cases (cumulative)
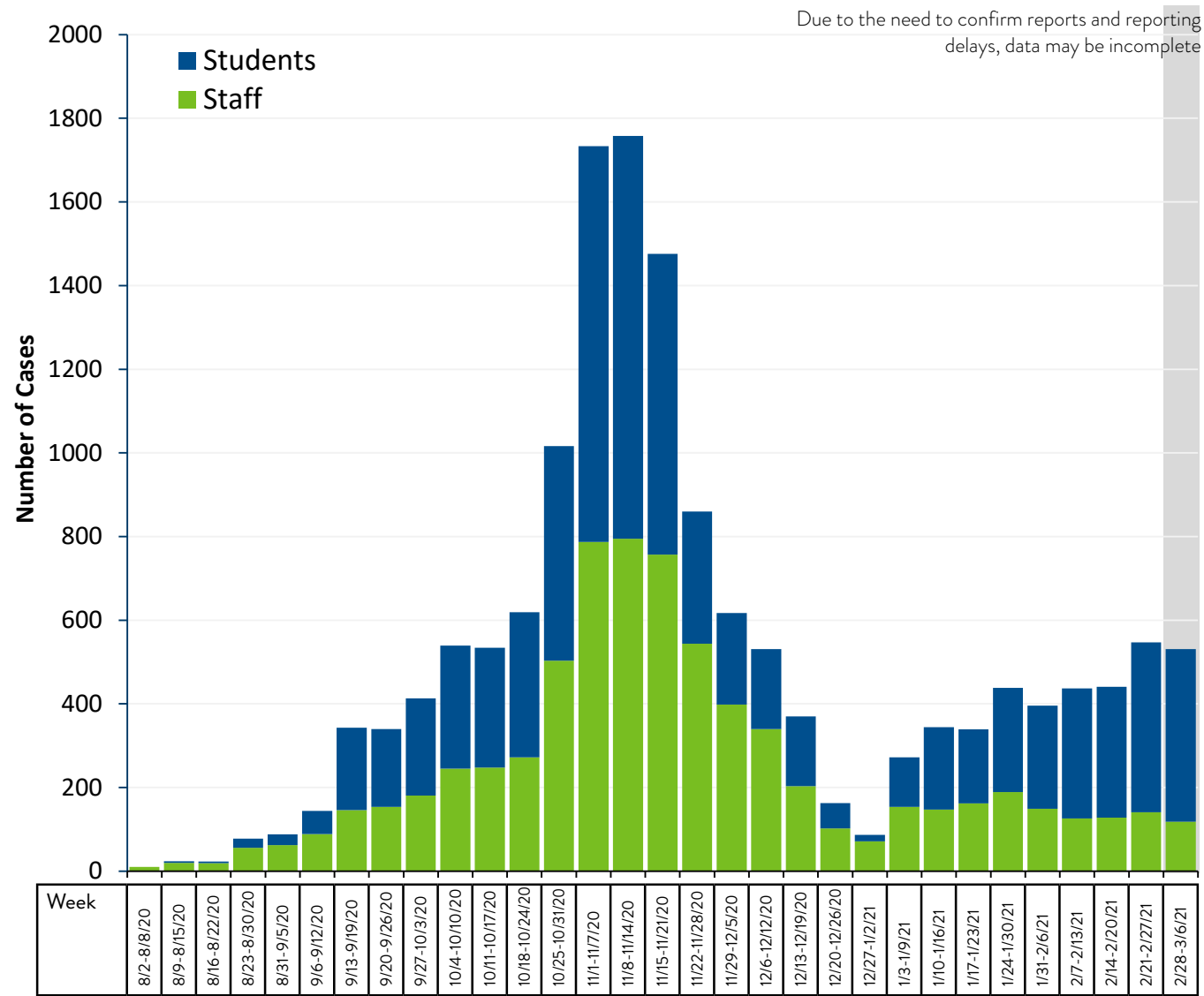
7
Total ICU Hospitalized PreK-12-affiliated Student Cases (cumulative)

4
Total PreK-12-affiliated Staff Deaths (cumulative)

0
Total PreK-12-affiliated Student Deaths (cumulative)

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

PreK-12 School Buildings Reporting Cases

Schools included are public, non-public, and tribal schools. Number of school buildings reporting cases by week are by specimen collection date. Numbers listed as cumulative total are cumulative since Aug. 1, 2020. Numbers include confirmed and probable cases.

Due to the need to confirm reports and reporting delays, data may be incomplete
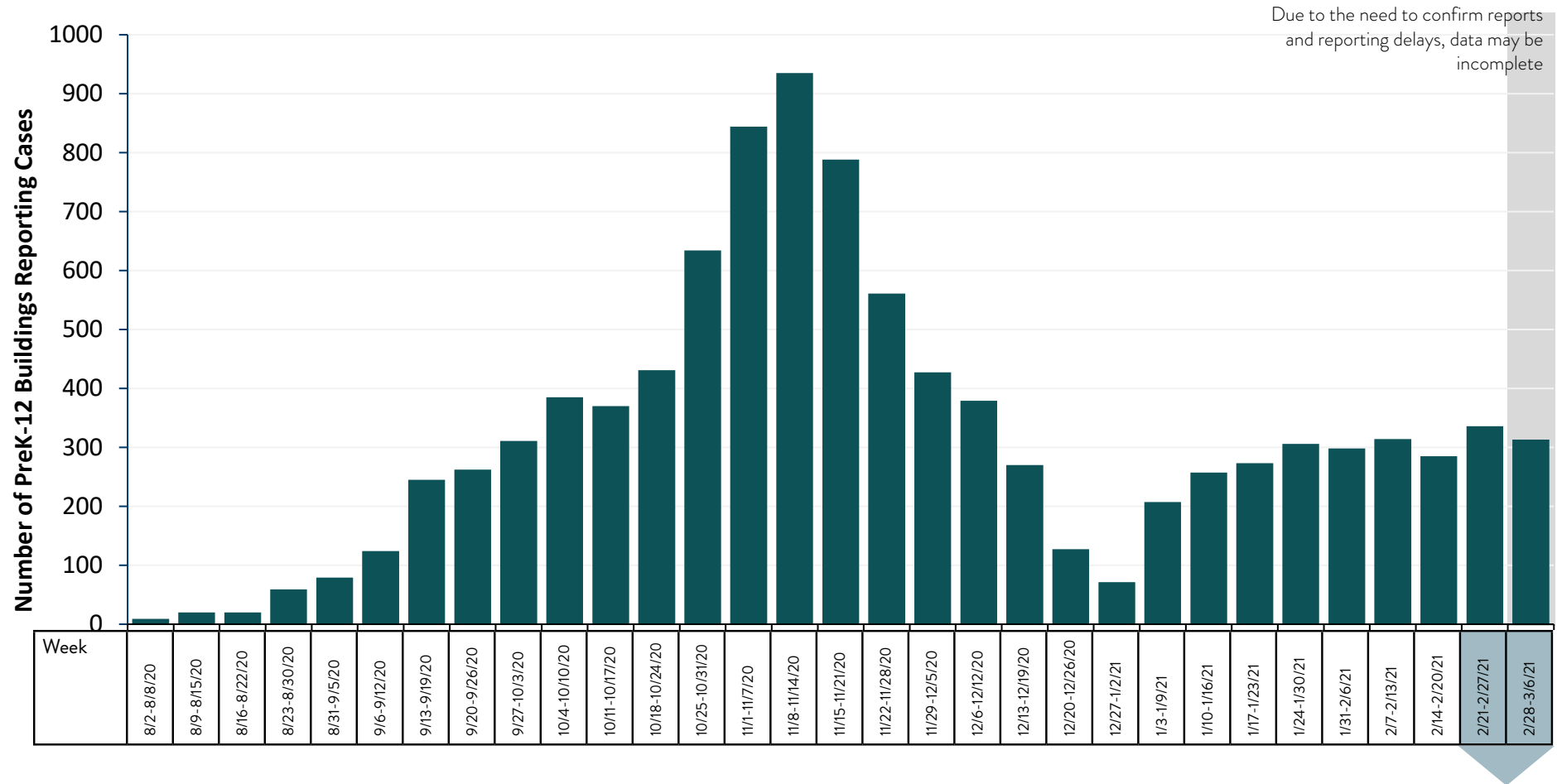
Cases per building	Number of buildings reporting cases 2/21-3/6/21
1 case	364
2-4 cases	452
≥5 cases	42
Total	**859**

- 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)

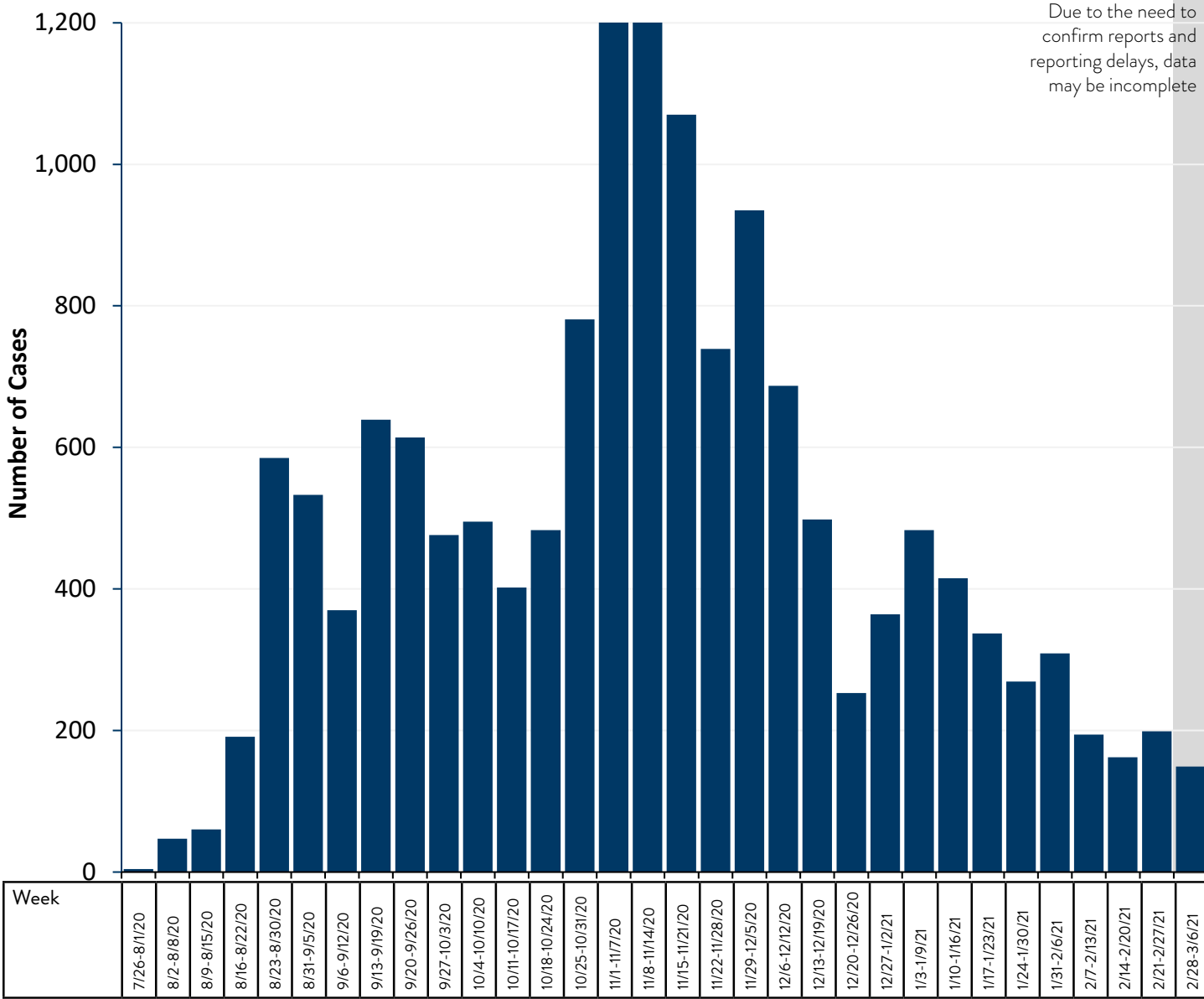# Cases that have an Affiliation with Institutes of Higher Education (IHE)

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.

102
Total Hospitalized IHE-affiliated Cases
(cumulative)

12
Total ICU Hospitalized IHE-affiliated Case
(cumulative)

5
Total IHE-affiliated Deaths
(cumulative)

15,350
Total IHE-affiliated Cases
(cumulative)

Cases infectious while on campus (cumulative)	4,998
Cases living on campus (cumulative)	2,385

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

Minnesota IHE Facilities Reporting Cases

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.

150
Total IHE Facilities that have Reported at Least One Case (cumulative)

Due to the need to confirm reports and reporting delays, data may be incomplete
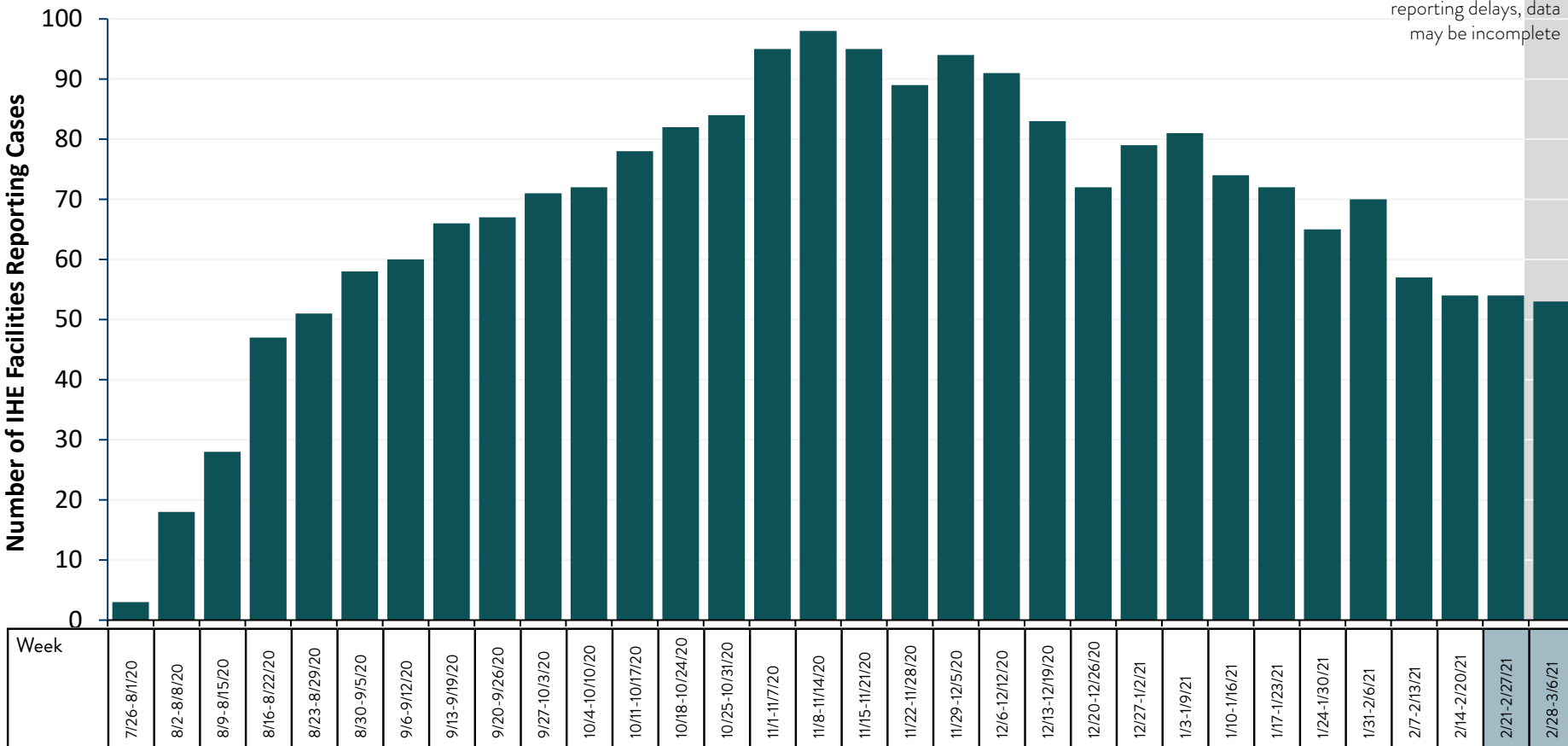
Cases per IHE facility	Number of IHEs reporting cases 2/21-3/6/21
1-10 cases	65
11-30 cases	6
31-99 cases	1
≥100 cases	0
Total	**72**

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.

19,686
Total Congregate Care Staff
(cumulative)

22,266
Total Congregate Care Residents
(cumulative)

4,231
Deaths among cases that resided in long-term care or assisted living facilities (cumulative)

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

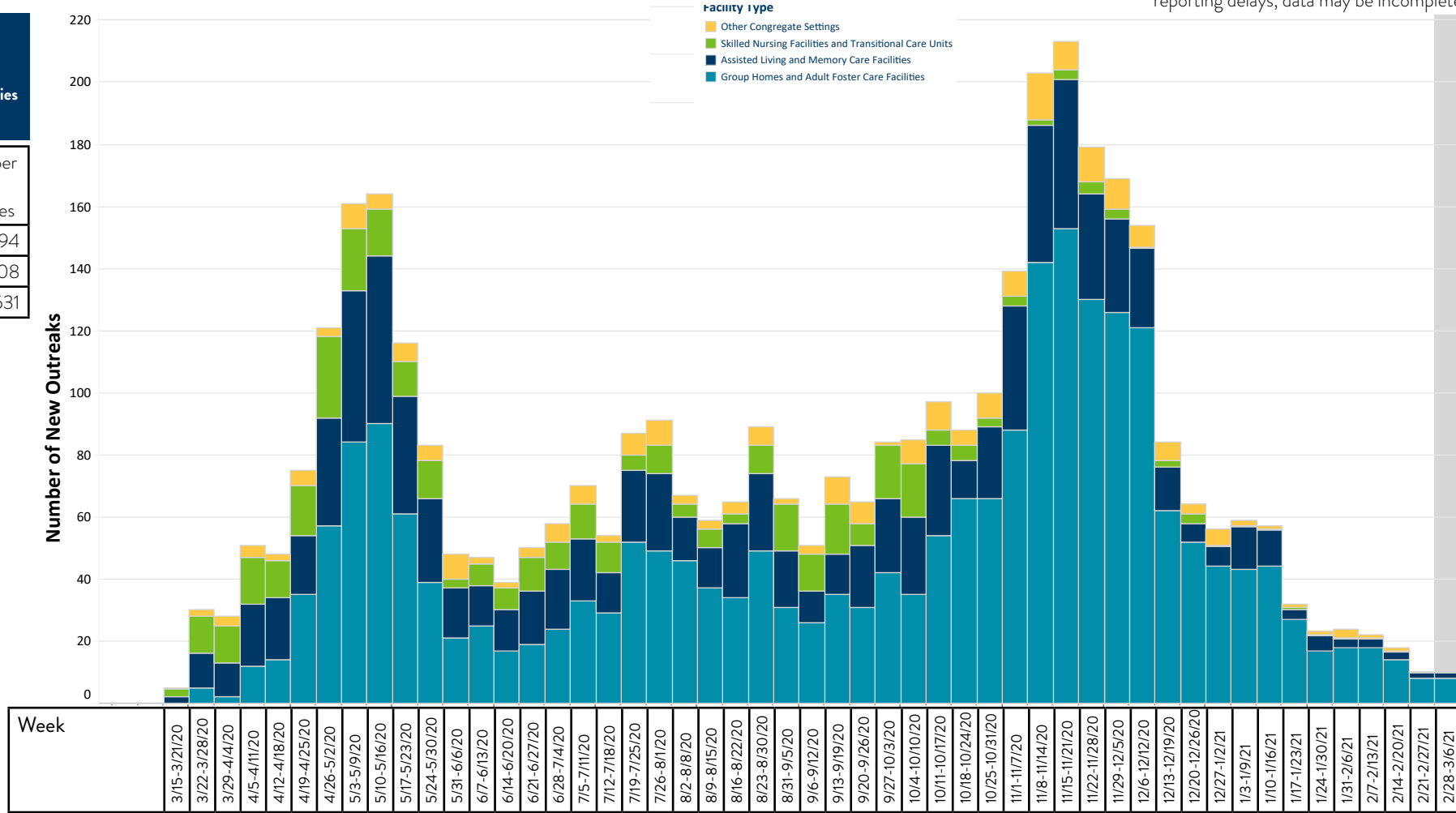Legend: Staff, Resident

Y-axis: Number of Cases
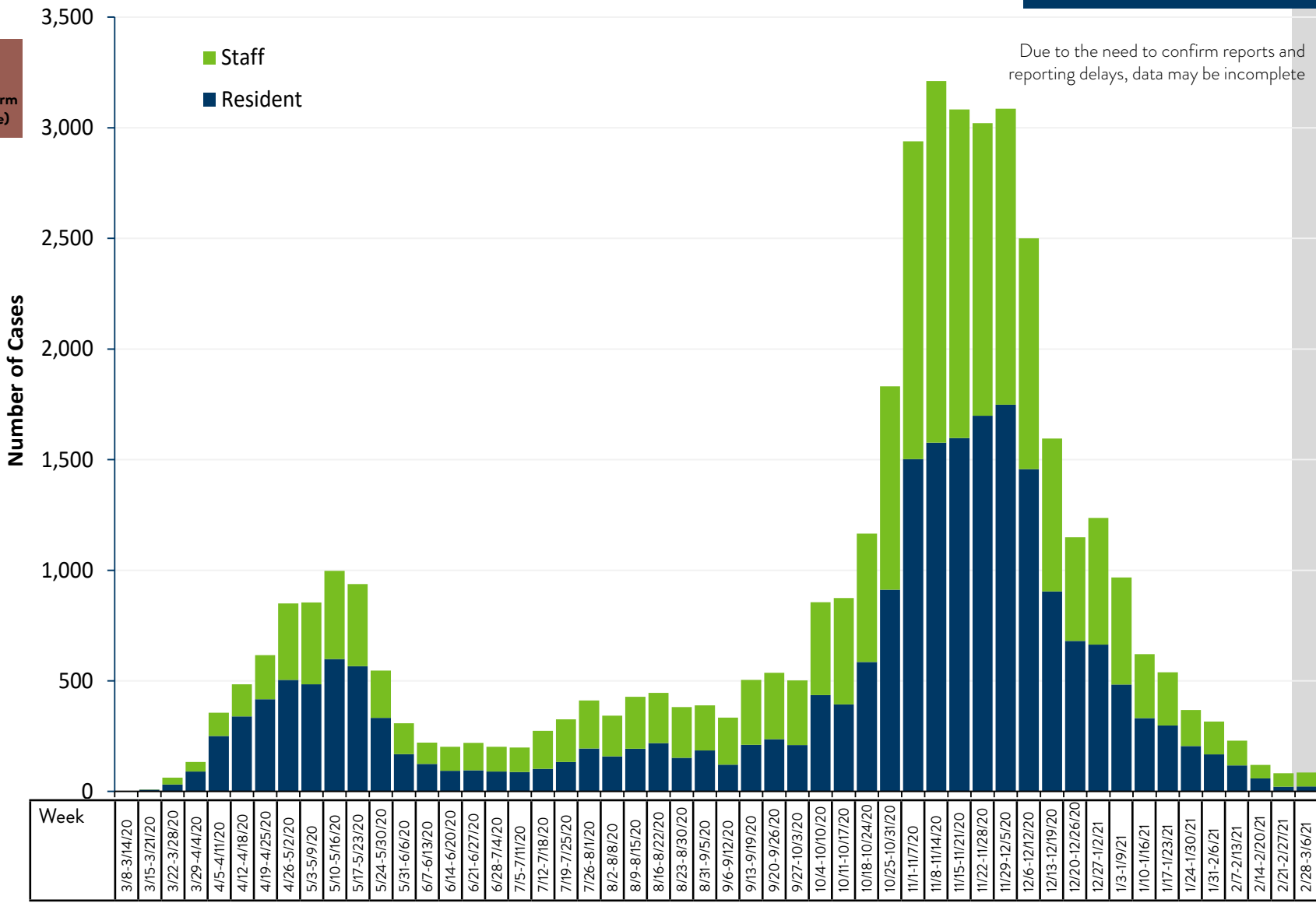
Congregate Care Facility Outbreaks

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.

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

3,933
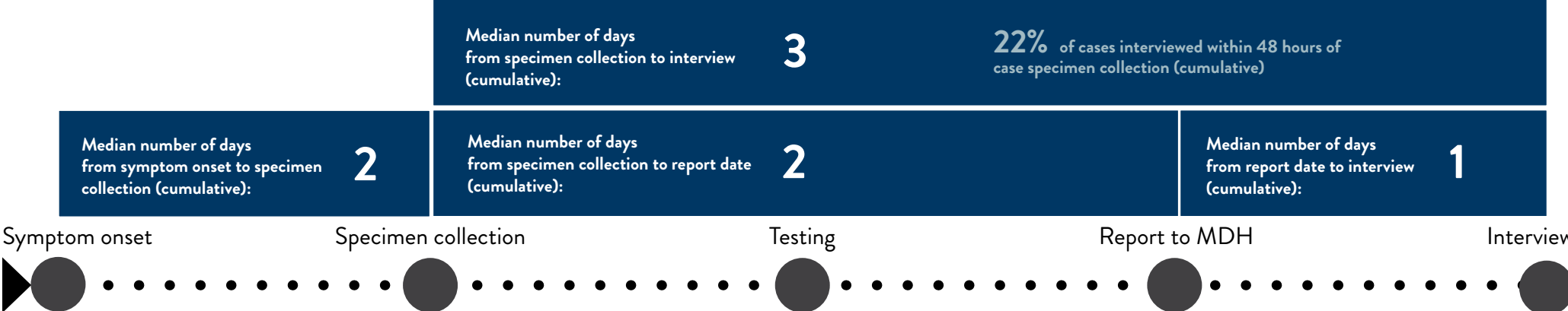Total Congregate Care Facilities (cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,794
3-20 cases	1,608
≥21 cases	531

Facility Type
- Other Congregate Settings
- Skilled Nursing Facilities and Transitional Care Units
- Assisted Living and Memory Care Facilities
- Group Homes and Adult Foster Care Facilities

Type of facility	Number of outbreak facilities	Number of resident cases	Number of staff cases	Number of deaths in resident cases	Number of facilities with active outbreaks	Percent of outbreak facilities still experiencing an active outbreak
Skilled Nursing Facilities and Transitional Care Units	366	11,748	10,382	2,831	75	20%
Assisted Living and Memory Care Facilities	999	7,915	5,901	1,383	84	8%
Group Homes and Adult Foster Care Facilities	2,418	2,552	3,905	98	101	4%
Other Congregate Care Settings	240	1,154	1,161	18	14	6%

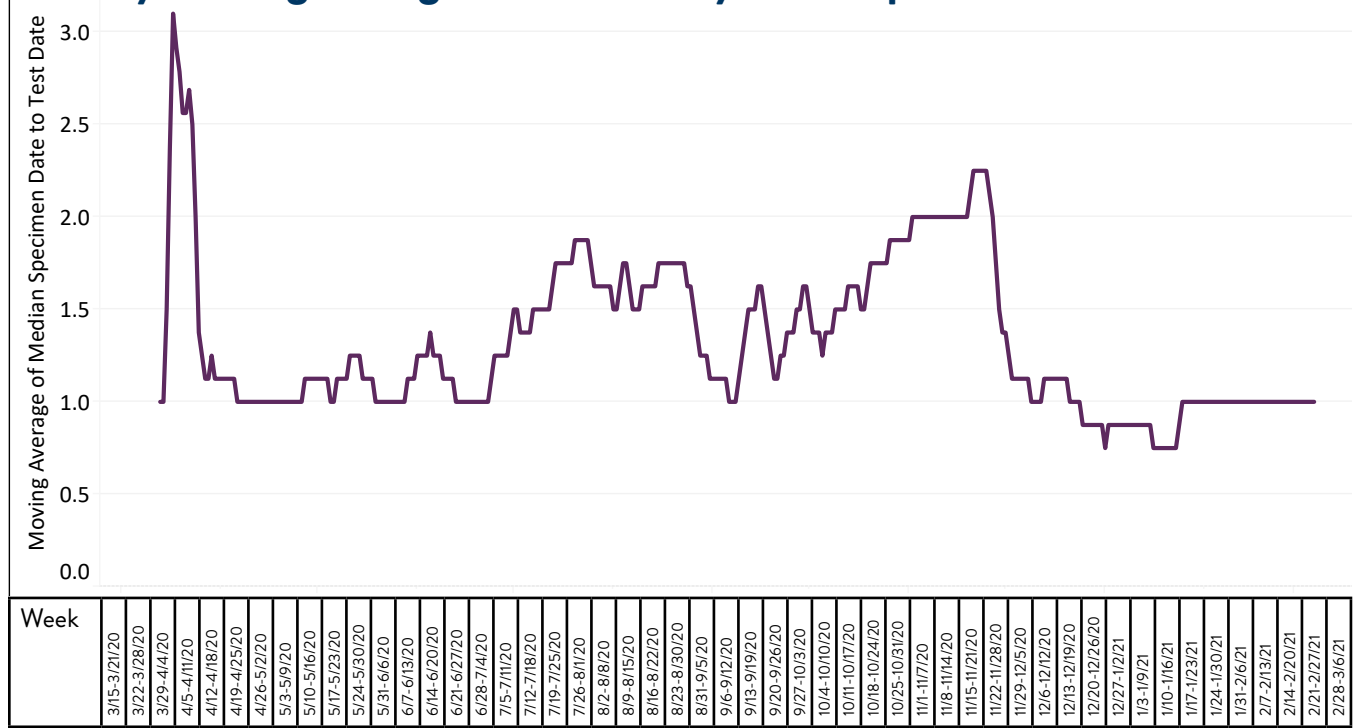- A list of congregate care facilities reporting an exposure in the last 28 days from a case in a resident, staff person, or visiting provider and a cumulative list of long-term care facilities reporting a case in a resident, staff person, or visiting service provider are available on: Minnesota Situation 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**	**22%** 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

Moving Average of Median Specimen Date to Test Date

Week: 3/15-3/21/20, 3/22-3/28/20, 3/29-4/4/20, 4/5-4/11/20, 4/12-4/18/20, 4/19-4/25/20, 4/26-5/2/20, 5/3-5/9/20, 5/10-5/16/20, 5/17-5/23/20, 5/24-5/30/20, 5/31-6/6/20, 6/7-6/13/20, 6/14-6/20/20, 6/21-6/27/20, 6/28-7/4/20, 7/5-7/11/20, 7/12-7/18/20, 7/19-7/25/20, 7/26-8/1/20, 8/2-8/8/20, 8/9-8/15/20, 8/16-8/22/20, 8/23-8/30/20, 8/31-9/5/20, 9/6-9/12/20, 9/13-9/19/20, 9/20-9/26/20, 9/27-10/3/20, 10/4-10/10/20, 10/11-10/17/20, 10/18-10/24/20, 10/25-10/31/20, 11/1-11/7/20, 11/8-11/14/20, 11/15-11/21/20, 11/22-11/28/20, 11/29-12/5/20, 12/6-12/12/20, 12/13-12/19/20, 12/20-12/26/20, 12/27-1/2/21, 1/3-1/9/21, 1/10-1/16/21, 1/17-1/23/21, 1/24-1/30/21, 1/31-2/6/21, 2/7-2/13/21, 2/14-2/20/21, 2/21-2/27/21, 2/28-3/6/21
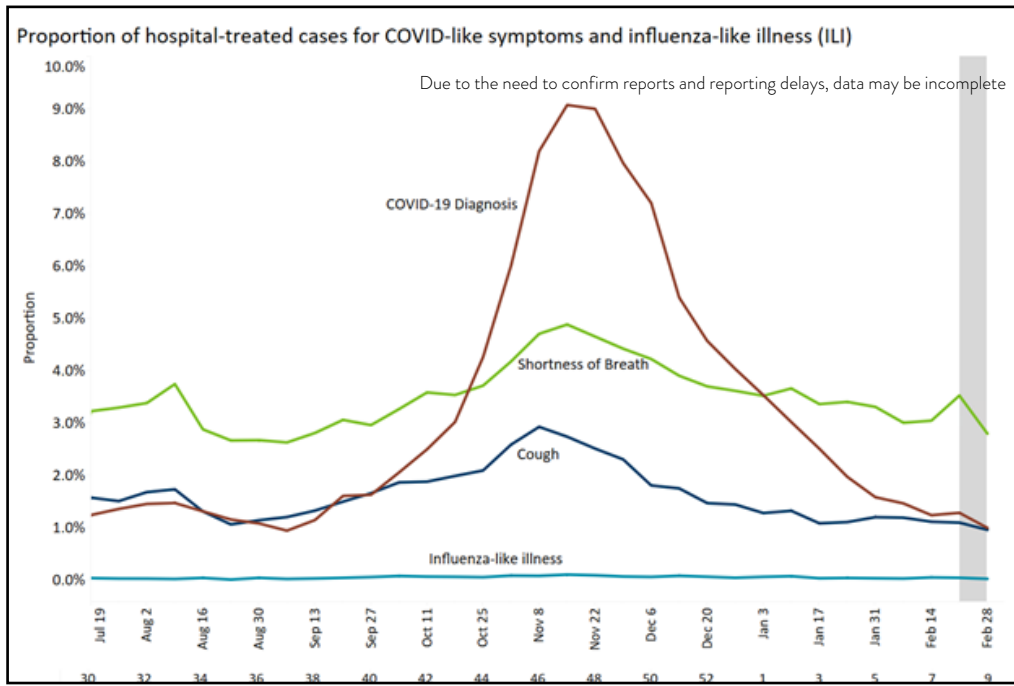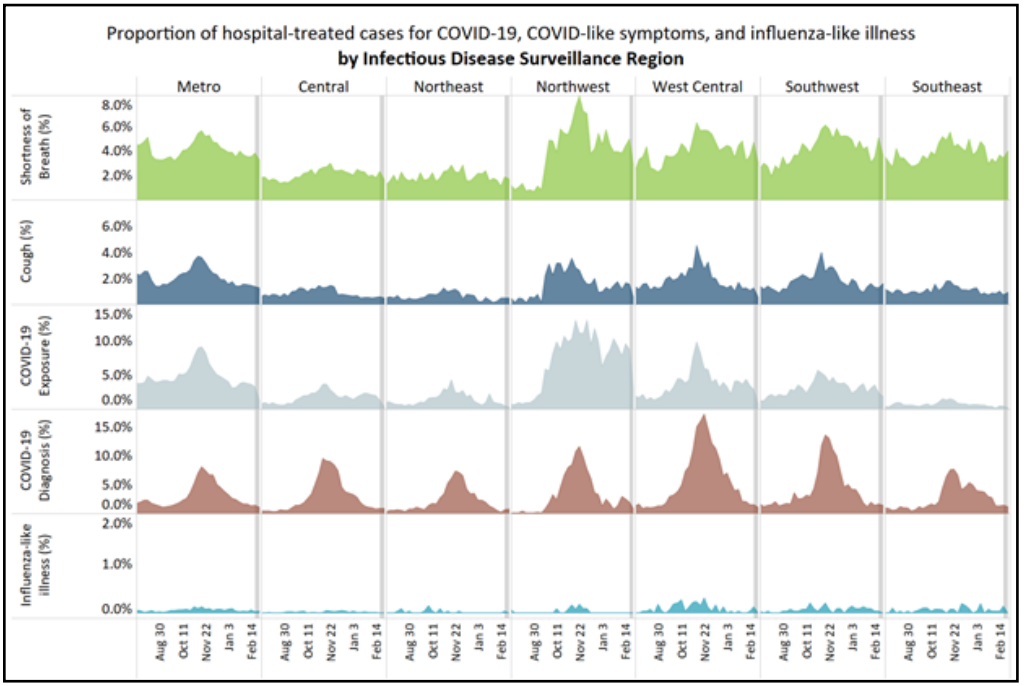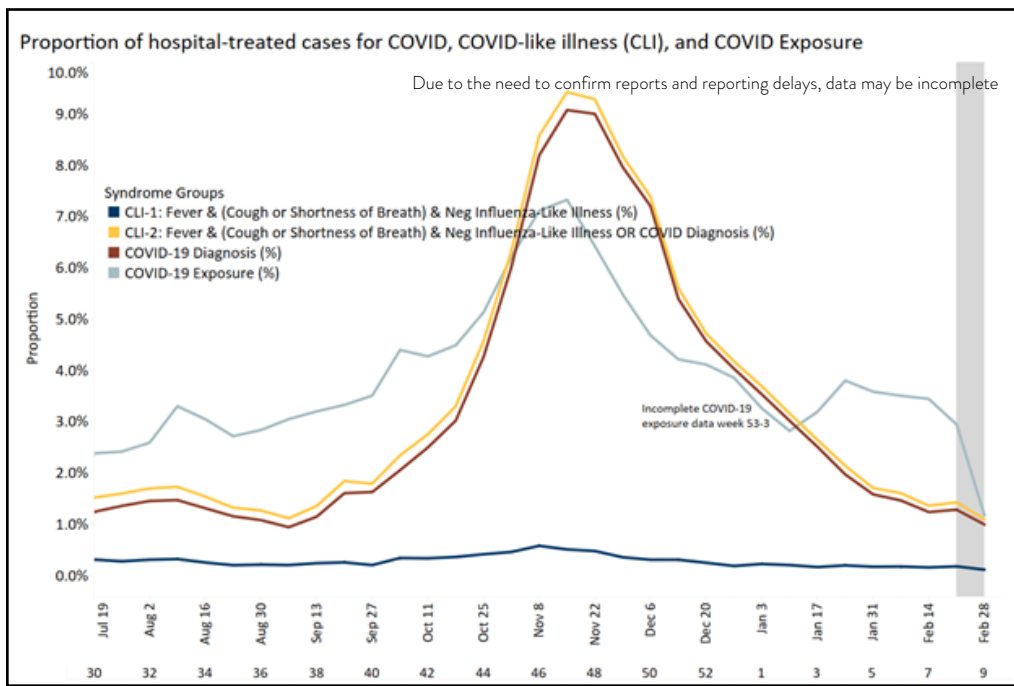
Syndromic Surveillance

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 March 6, 2021. Categories are based upon discharge diagnosis codes. Beginning with the November 27, 2020 Weekly COVID-19 report, conditions are reported from week 30 (July 20, 2020) forward due to a transition in data sources. The gray bar indicates a one week lag period in the data.

Through March 6, 2021, 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.

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

Proportion of hospital-treated cases for COVID-19, COVID-like symptoms, and influenza-like illness by Infectious Disease Surveillance Region

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

■ 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)