STAY SAFE MN

Minnesota Department of Health
WEEKLY COVID-19 REPORT
9/17/2020

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

- Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html) updated daily at 11 a.m.

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

About Minnesota COVID-19 Data

- Many people with COVID-19 are not tested, so the laboratory-confirmed cases in this report represent only a fraction of the total number of people in Minnesota who have had COVID-19. Data is for cases that were tested and returned positive.

- All data is preliminary and may change as cases are investigated.
  - Many data points are collected during case interviews. Data presented below is for all cases, regardless of interview status. Data for cases pending interview may be listed as "unknown/missing".

- Weekly data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting and publishing.

- Numbers listed as cumulative total are cumulative since Jan. 20, 2020.

DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

Contents

COVID-19 Overview Summary

1,763,735	86,722	7,050	1,980	1,942	79,878
Total Laboratory Tests (cumulative)	Total Confirmed Cases (cumulative)	Total Hospitalizations (cumulative)	Total ICU Hospitalizations (cumulative)	Total Deaths (cumulative)	No Longer Needing Isolation (cumulative)

Legend:
- Total hospitalized (cumulative) by date reported by MDH
- Total Deaths (cumulative) by date reported by MDH
- Total confirmed cases (cumulative) by date specimen collected

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

MMWR Week: Week 10: 3/1-3/7, Week 11: 3/8-3/14, Week 12: 3/15-3/21, Week 13: 3/22-3/28, Week 14: 3/29-4/4, Week 15: 4/5-4/11, Week 16: 4/12-4/18, Week 17: 4/19-4/25, Week 18: 4/26-5/2, Week 19: 5/3-5/9, Week 20: 5/10-5/16, Week 21: 5/17-5/23, Week 22: 5/24-5/30, Week 23: 5/31-6/6, Week 24: 6/7-6/13, Week 25: 6/14-6/20, Week 26: 6/21-6/27, Week 27: 6/28-7/4, Week 28: 7/5-7/11, Week 29: 7/12-7/18, Week 30: 7/19-7/25, Week 31: 7/26-8/1, Week 32: 8/2-8/8, Week 33: 8/9-8/15, Week 34: 8/16-8/22, Week 35: 8/23-8/29, Week 36: 8/30-9/5, Week 37: 9/6-9/12, Week 38: 9/13-9/19

MN Phases of Reopening: Stay Home MN 3/26-5/17 | Phase I 5/18-6/1 | PII 6/1-6/9 | Phase III 6/10-present | Phase III with Mask Mandate 7/25-present

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

Laboratory Tests for COVID-19

Testing numbers show how many total tests have been done for people who live in Minnesota. Some people get tested more than once. Tests are reported per test to account for changes in testing capacity and for individuals who are tested more than once over the course of the pandemic. Tests are reported by the date the test was run in the laboratory.
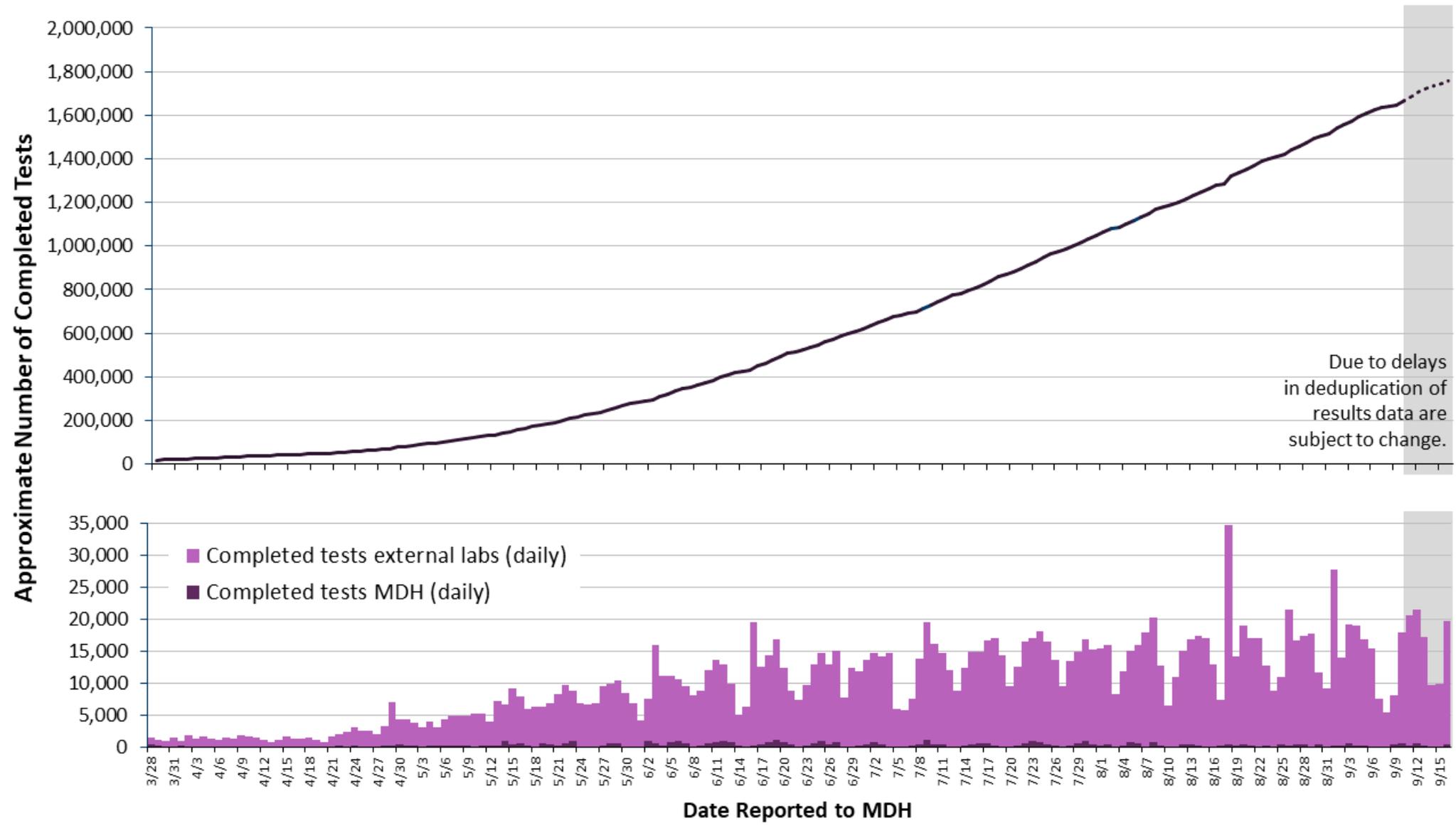
1,763,735
Total Laboratory Tests
(cumulative)

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

Approximate Number of Completed Tests

- Completed tests external labs (daily)
- Completed tests MDH (daily)

Date Reported to MDH

- 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. Percent positive is the percent of positive tests from the total number of tests by county of residence.

Legend: Number of Tests, Percent of Tests Positives
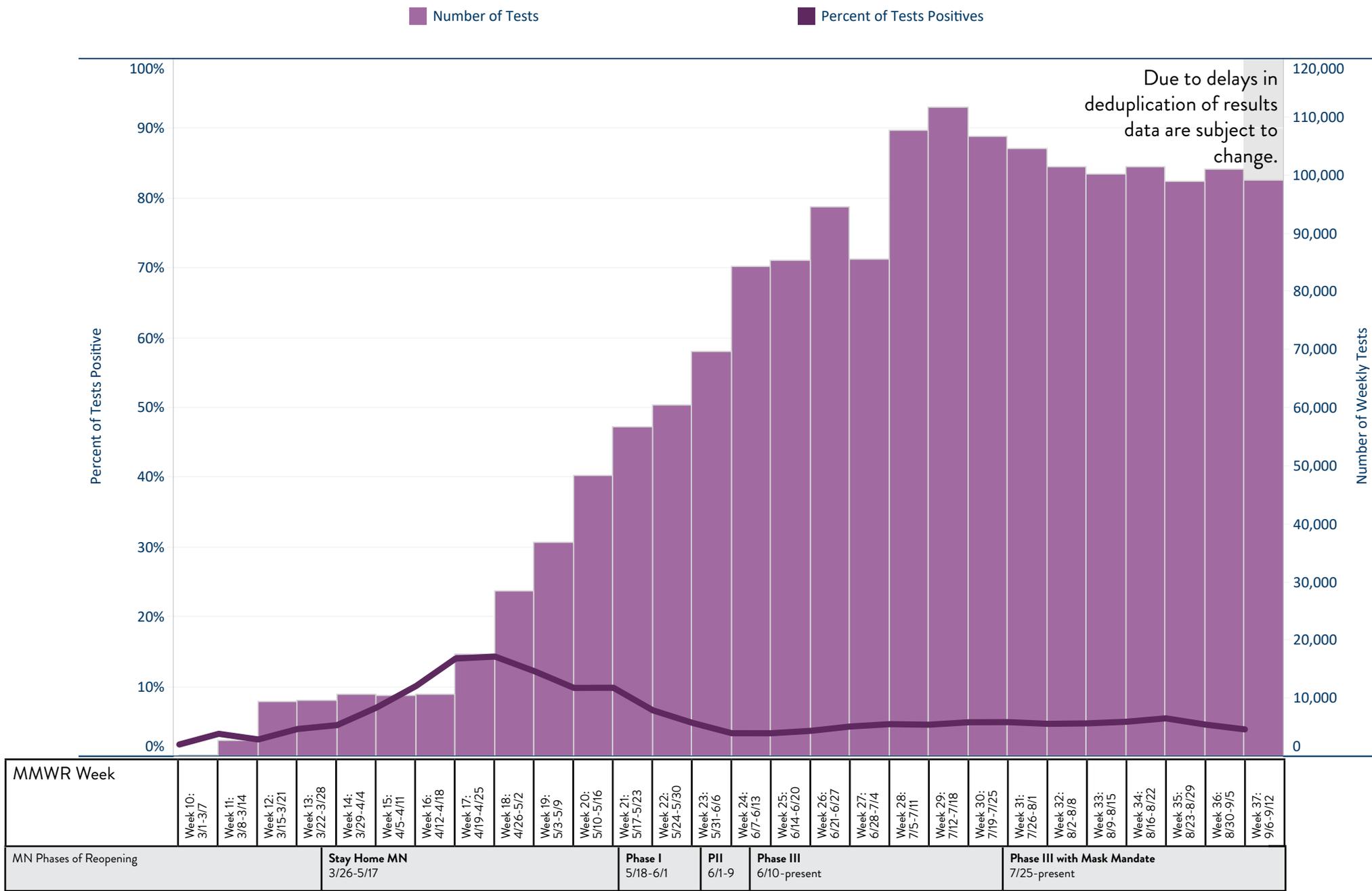
Laboratory Test Rates by County of Residence

3,149
tests per 10,000 people statewide

Cumulative rate of tests by county of residence per 10,000 people. Only tests reported by laboratories reporting both positive and negative results are included.

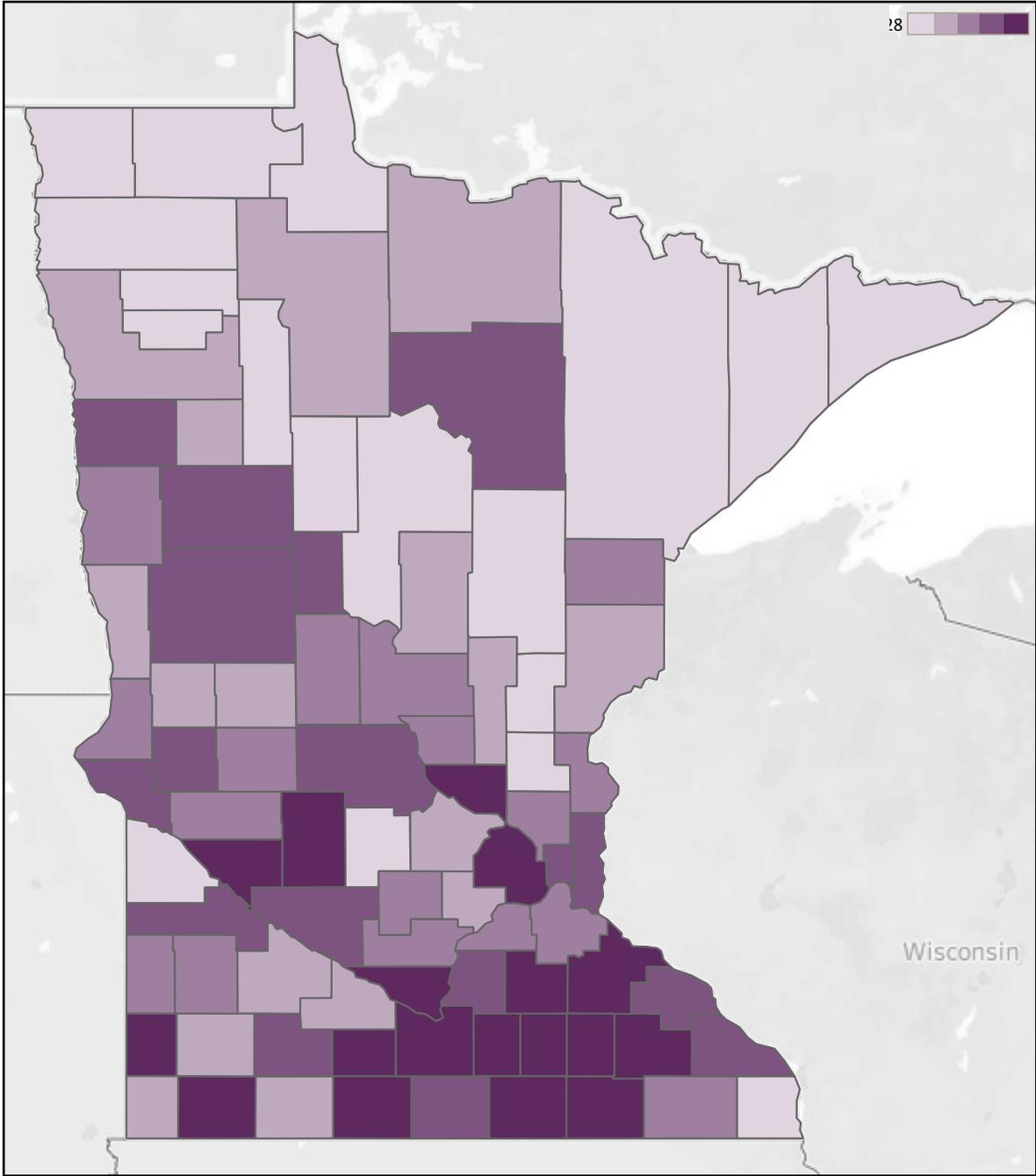| County	Number of Tests	Cumulative Rate	County	Number of Tests	Cumulative Rate
Aitkin	2,204	1,392	Martin	6,998	3,505
Anoka	91,902	2,645	McLeod	8,840	2,468
Becker	10,526	3,117	Meeker	4,277	1,853
Beltrami	9,225	2,000	Mille Lacs	5,704	2,217
Benton	9,693	2,437	Morrison	7,817	2,372
Big Stone	1,554	3,098	Mower	21,407	5,406
Blue Earth	24,918	3,757	Murray	1,918	2,296
Brown	5,102	2,024	Nicollet	11,708	3,466
Carlton	9,448	2,658	Nobles	7,291	3,339
Carver	21,836	2,175	Norman	1,897	2,892
Cass	5,264	1,814	Olmsted	64,405	4,208
Chippewa	4,299	3,580	Otter Tail	17,295	2,982
Chisago	14,433	2,637	Pennington	2,472	1,743
Clay	17,012	2,709	Pine	5,858	2,011
Clearwater	1,478	1,677	Pipestone	2,972	3,236
Cook	1,021	1,922	Polk	6,408	2,028
Cottonwood	3,295	2,897	Pope	2,607	2,374
Crow Wing	12,947	2,028	Ramsey	164,006	3,029
Dakota	113,322	2,710	Red Lake	712	1,776
Dodge	7,274	3,534	Redwood	3,073	2,004
Douglas	8,393	2,256	Renville	4,162	2,827
Faribault	4,336	3,120	Rice	35,181	5,350
Fillmore	5,449	2,609	Rock	2,037	2,164
Freeborn	11,140	3,649	Roseau	2,942	1,903
Goodhue	16,042	3,471	Scott	38,539	2,688
Grant	1,343	2,262	Sherburne	30,589	3,281
Hennepin	386,180	3,126	Sibley	3,748	2,513
Houston	3,624	1,942	St. Louis	53,672	2,683
Hubbard	3,313	1,588	Stearns	44,124	2,814
Isanti	6,958	1,785	Steele	13,305	3,628
Itasca	12,397	2,743	Stevens	2,832	2,895
Jackson	2,095	2,085	Swift	2,287	2,430
Kanabec	2,732	1,707	Todd	6,450	2,639
Kandiyohi	17,887	4,193	Traverse	800	2,397
Kittson	489	1,128	Wabasha	6,550	3,047
Koochiching	2,858	2,260	Wadena	3,945	2,891
Lac qui Parle	1,087	1,605	Waseca	7,924	4,213
Lake	2,023	1,914	Washington	77,090	3,043
Lake of the Woods	527	1,384	Watonwan	4,332	3,948
Le Sueur	8,656	3,093	Wilkin	1,238	1,952
Lincoln	1,380	2,418	Winona	14,855	2,922
Lyon	6,596	2,553	Wright	28,009	2,110
Mahnomen	1,100	1,998	Yellow Medicine	2,695	2,731
Marshall	1,526	1,625	Unknown/missing	130,857	

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Percent of Tests Positive by County of Residence

5.3%
% positive statewide

Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.
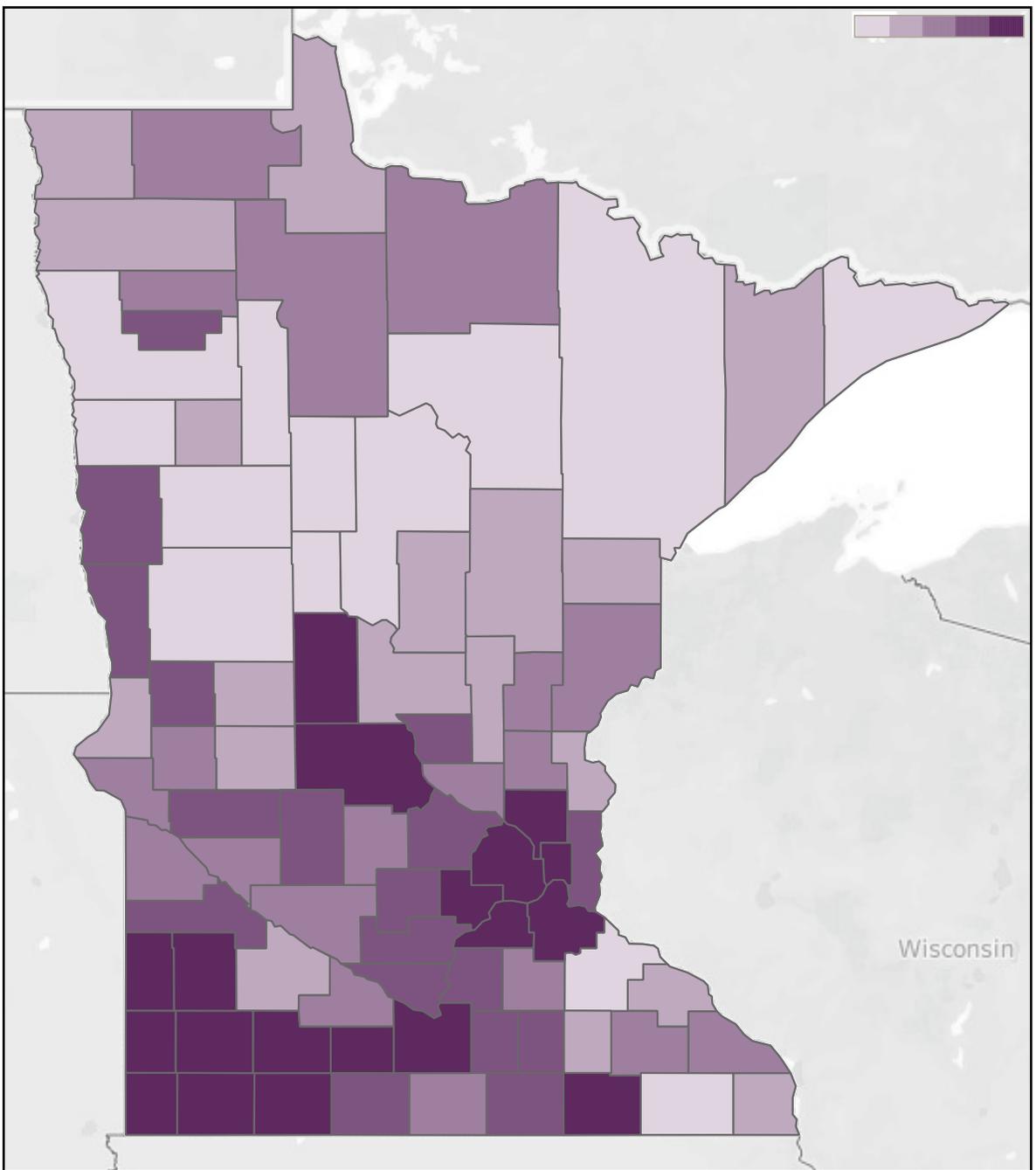
County	% Positive	County	% Positive
Aitkin	2.9%	Martin	4.5%
Anoka	6.3%	McLeod	4.5%
Becker	2.0%	Meeker	4.0%
Beltrami	3.5%	Mille Lacs	2.7%
Benton	5.2%	Morrison	2.5%
Big Stone	3.9%	Mower	6.5%
Blue Earth	6.3%	Murray	7.8%
Brown	3.1%	Nicollet	4.5%
Carlton	2.4%	Nobles	26.3%
Carver	6.3%	Norman	2.3%
Cass	2.4%	Olmsted	4.3%
Chippewa	4.2%	Otter Tail	2.0%
Chisago	2.9%	Pennington	3.6%
Clay	6.2%	Pine	3.3%
Clearwater	1.8%	Pipestone	7.2%
Cook	0.7%	Polk	2.1%
Cottonwood	6.7%	Pope	3.0%
Crow Wing	3.1%	Ramsey	6.9%
Dakota	6.5%	Red Lake	4.6%
Dodge	2.9%	Redwood	3.0%
Douglas	2.8%	Renville	3.2%
Faribault	3.7%	Rice	3.9%
Fillmore	2.2%	Rock	6.3%
Freeborn	4.8%	Roseau	3.7%
Goodhue	2.2%	Scott	6.2%
Grant	4.4%	Sherburne	4.0%
Hennepin	7.2%	Sibley	5.3%
Houston	2.8%	St. Louis	2.4%
Hubbard	1.6%	Stearns	8.2%
Isanti	3.1%	Steele	4.4%
Itasca	2.4%	Stevens	3.2%
Jackson	6.4%	Swift	4.5%
Kanabec	3.7%	Todd	8.0%
Kandiyohi	5.5%	Traverse	2.8%
Kittson	2.5%	Wabasha	2.7%
Koochiching	3.7%	Wadena	1.6%
Lac qui Parle	3.6%	Waseca	5.3%
Lake	2.7%	Washington	4.8%
Lake of the Woods	3.0%	Watonwan	10.9%
Le Sueur	5.8%	Wilkin	4.6%
Lincoln	6.4%	Winona	4.3%
Lyon	10.1%	Wright	5.3%
Mahnomen	2.5%	Yellow Medicine	5.8%
Marshall	2.8%	Unknown/missing	0.6%

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.

Week 32: 8/2-8/8	Week 33: 8/9-8/15	Week 34: 8/16-8/22	Week 35: 8/23-8/29	Week 36: 8/30-9/5
Statewide: 4.7%	Statewide: 4.8%	Statewide: 5.0%	Statewide: 5.5%	Statewide: 4.6%

© 2020 Mapbox © OpenStreetMap

Legend:
- <1% of tests
- 1% to <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+% of tests

Counties (heatmaps by Week 32–36):

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

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

Testing Demographics: Age

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

Age Group (in years)	Unk./ missing	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Total
Positive	154	1,702	1,588	2,448	8,241	12,241	8,960	8,295	7,428	6,600	6,344	6,298	5,618	4,479	3,092	2,339	2,013	1,884	1,651	1,145	529	47	93,096
Negative	4,104	44,244	30,398	29,113	86,131	138,816	138,856	141,702	127,523	102,746	93,512	102,294	112,636	106,336	87,336	75,075	62,110	55,728	52,052	37,762	15,626	1,907	1,646,007
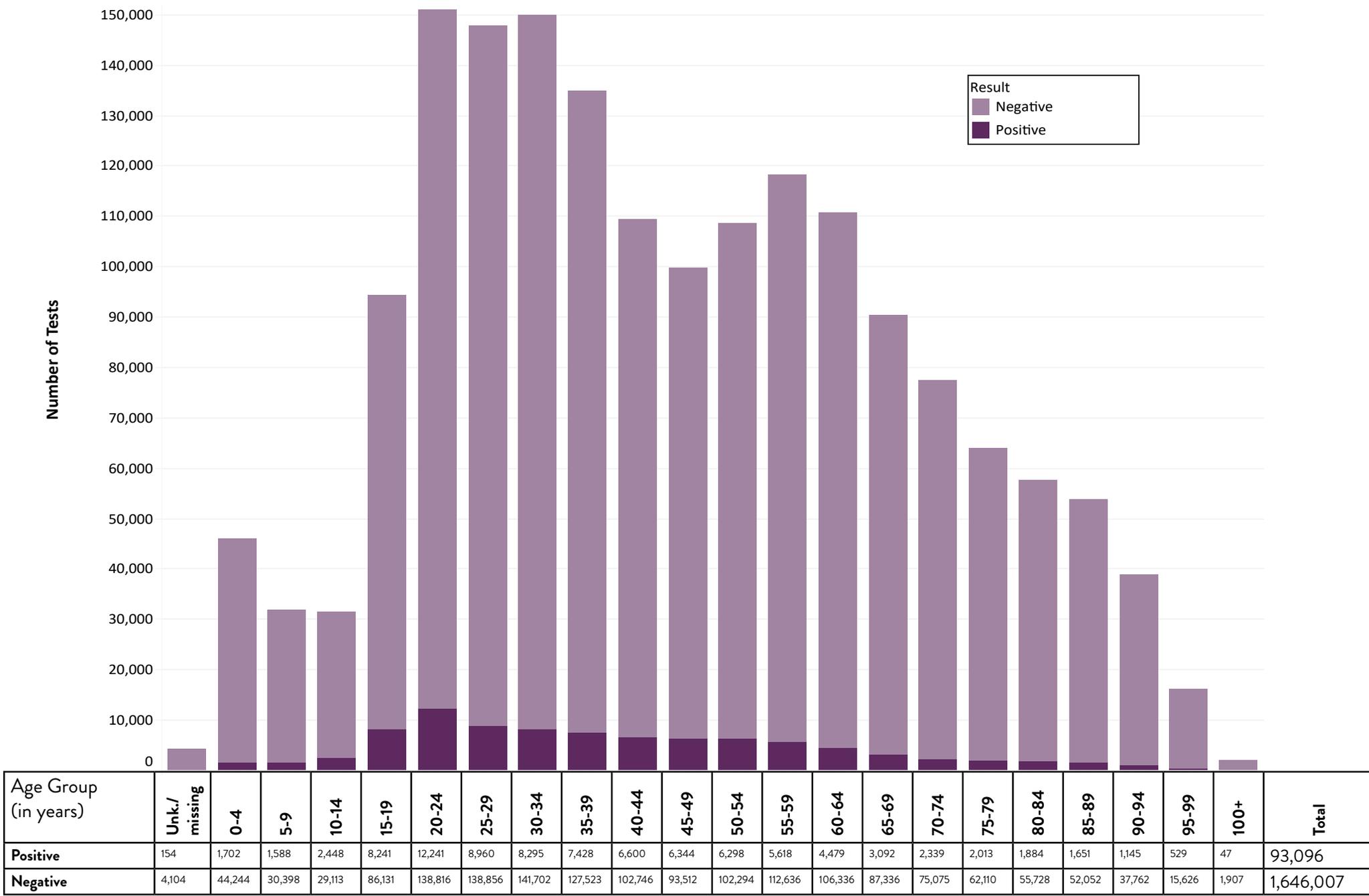
Testing Demographics: Gender

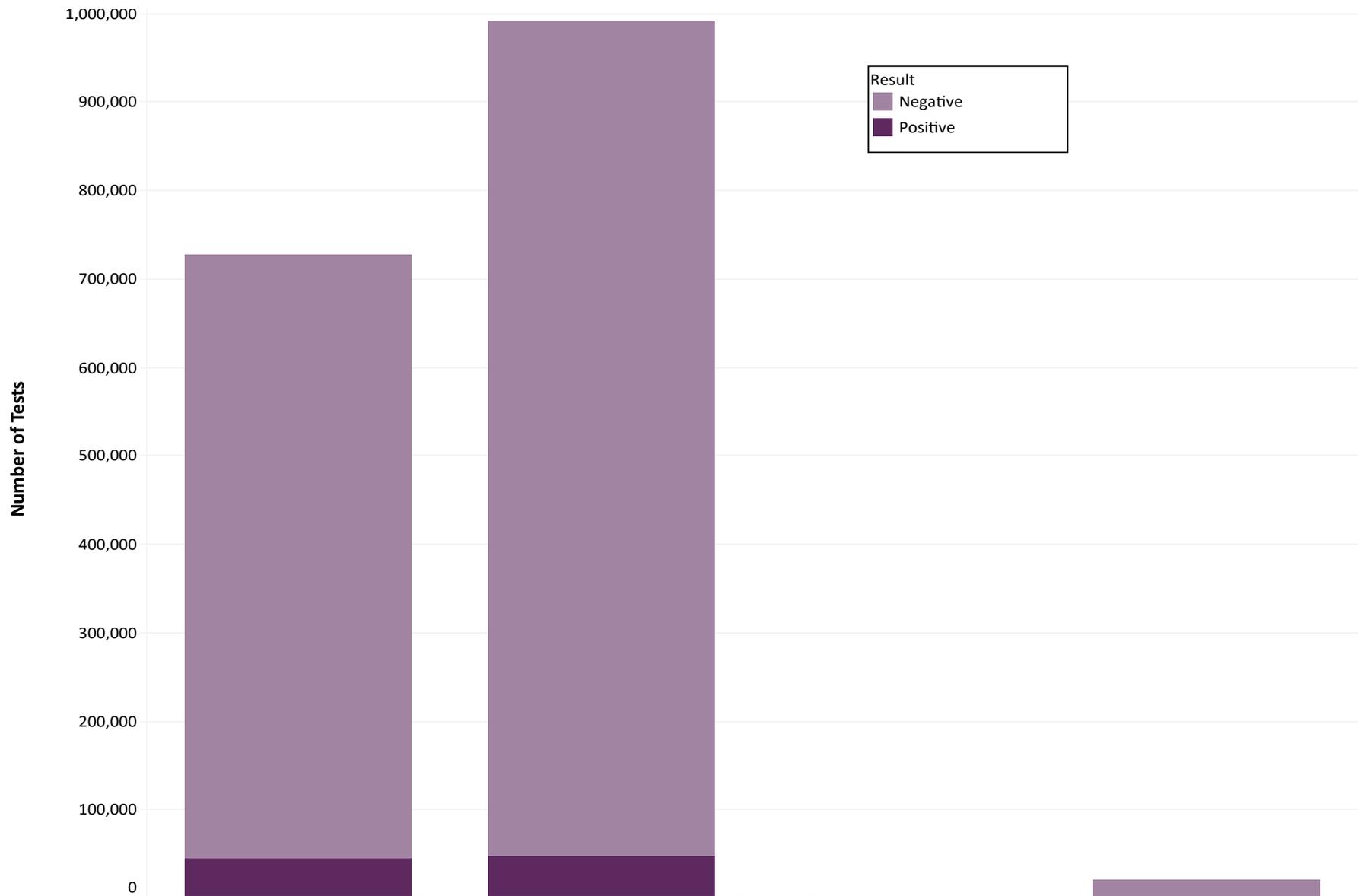Number of positive and negative tests by gender. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).

Gender	Male	Female	Other	Unk./missing	Total
Positive	44,458	48,069	2	567	93,096
Negative	682,461	944,016	1	19,529	1,646,007

Laboratory Confirmed Cases

Confirmed cases are individual people who live in Minnesota that tested positive for COVID-19. Cases are represented by the initial date of positive specimen collection.
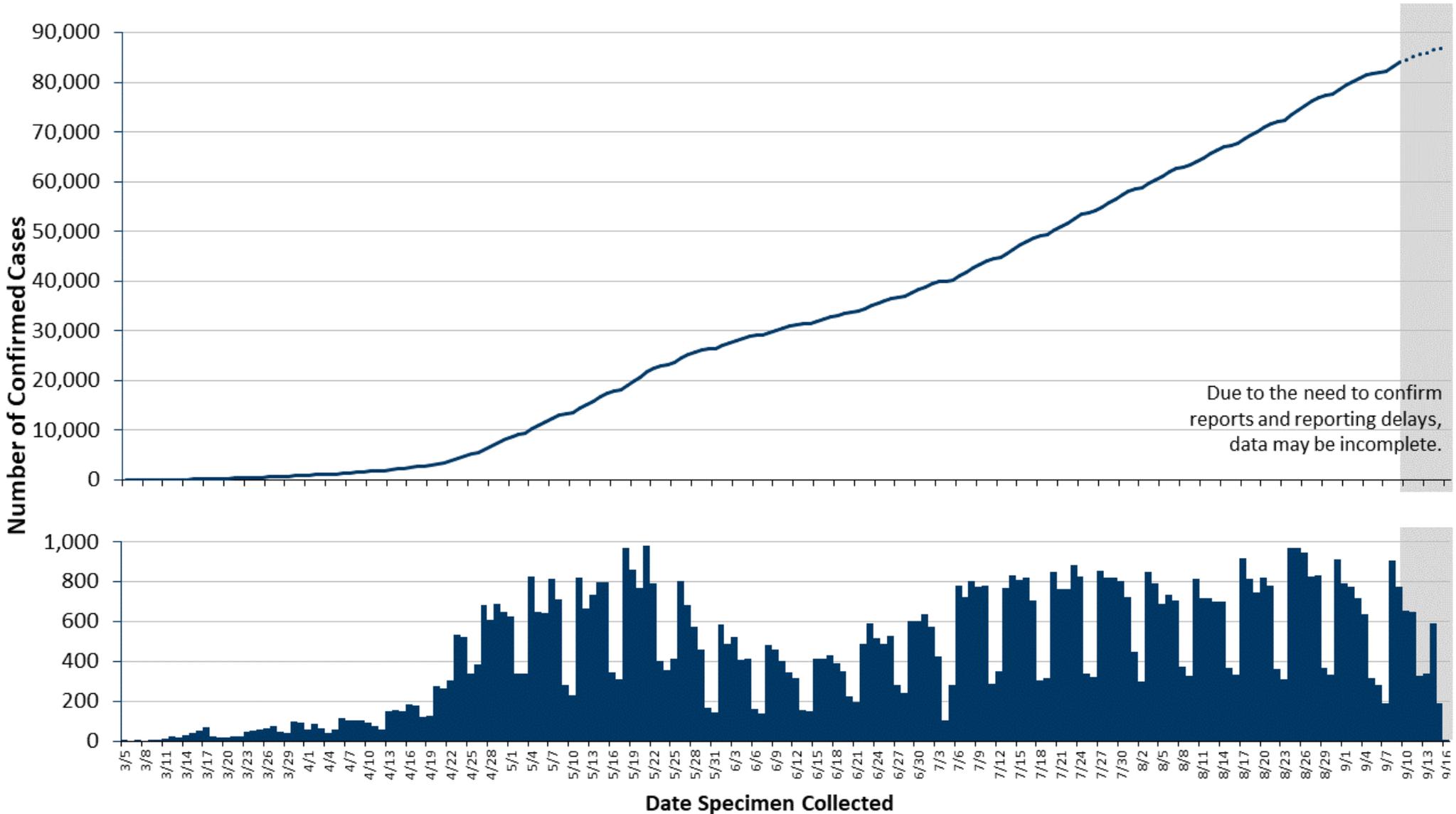
86,722
Total Confirmed Cases
(cumulative)

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

Number of Confirmed Cases (y-axis, top chart: 0 to 90,000)

Date Specimen Collected (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)

New Cases by Week, 7-Day Average

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

New Cases by Week of Specimen Collection

Due to the need to confirm reports and re-porting delays, data may be incomplete

Seven Day Moving Average of New Cases

Cases by County of Residence

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

	86,722 Total Confirmed Cases (cumulative)			79,878 No Longer Needing Isolation (cumulative)	
County	Cases	Cases no longer needing isolation	County	Cases	Cases no longer needing isolation
Aitkin	69	61	Martin	280	246
Anoka	5,531	5,023	McLeod	433	395
Becker	235	212	Meeker	155	129
Beltrami	362	336	Mille Lacs	133	120
Benton	479	435	Morrison	184	151
Big Stone	64	43	Mower	1,253	1,207
Blue Earth	1,540	1,443	Murray	149	144
Brown	158	137	Nicollet	487	443
Carlton	226	208	Nobles	1,914	1,883
Carver	1,303	1,215	Norman	51	48
Cass	120	106	Olmsted	2,237	2,098
Chippewa	182	164	Otter Tail	367	322
Chisago	415	378	Pennington	107	101
Clay	1,199	1,026	Pine	198	170
Clearwater	24	22	Pipestone	205	185
Cook	6	6	Polk	257	229
Cottonwood	213	206	Pope	81	72
Crow Wing	402	337	Ramsey	10,267	9,503
Dakota	6,942	6,474	Red Lake	37	35
Dodge	182	161	Redwood	91	78
Douglas	219	188	Renville	117	92
Faribault	129	120	Rice	1,279	1,230
Fillmore	98	88	Rock	139	116
Freeborn	490	426	Roseau	105	88
Goodhue	317	267	Scott	2,325	2,170
Grant	57	52	Sherburne	1,050	970
Hennepin	25,264	23,304	Sibley	166	146
Houston	105	89	St. Louis	1,233	1,034
Hubbard	65	49	Stearns	3,629	3,450
Isanti	221	200	Steele	506	468
Itasca	255	209	Stevens	91	79
Jackson	120	96	Swift	99	73
Kanabec	95	68	Todd	472	457
Kandiyohi	908	866	Traverse	29	25
Kittson	13	10	Wabasha	164	134
Koochiching	98	91	Wadena	61	55
Lac qui Parle	36	25	Waseca	411	353
Lake	48	45	Washington	3,459	3,238
Lake of the Woods	20	15	Watonwan	484	452
Le Sueur	440	407	Wilkin	55	48
Lincoln	93	75	Winona	727	635
Lyon	624	579	Wright	1,477	1,395
Mahnomen	44	38	Yellow Medicine	142	121
Marshall	48	43	Unknown/missing	157	147

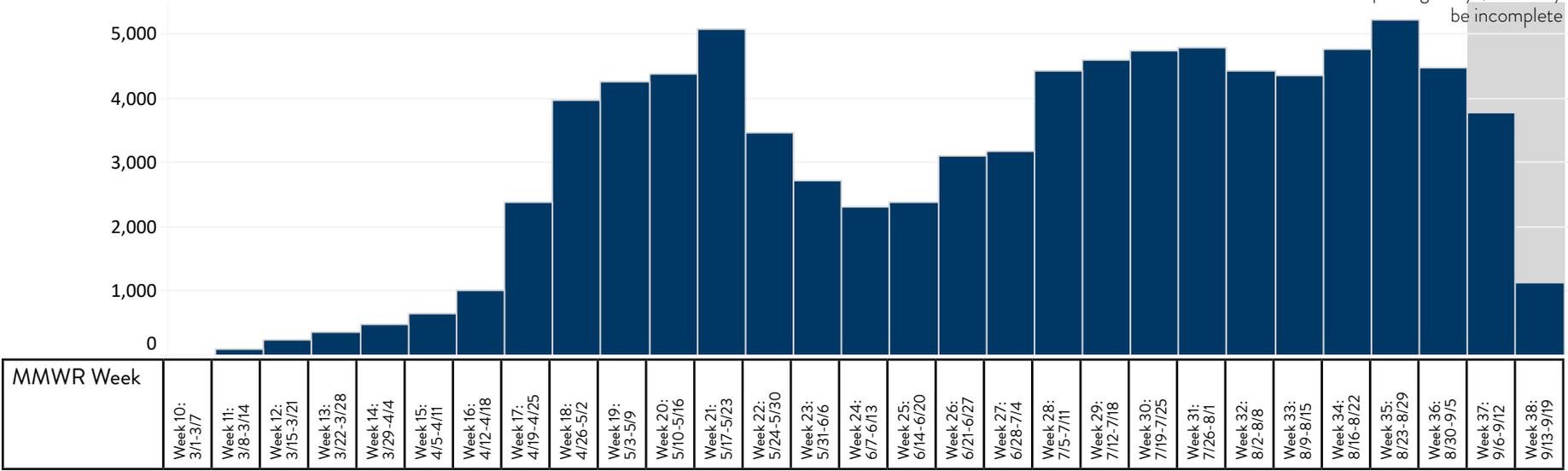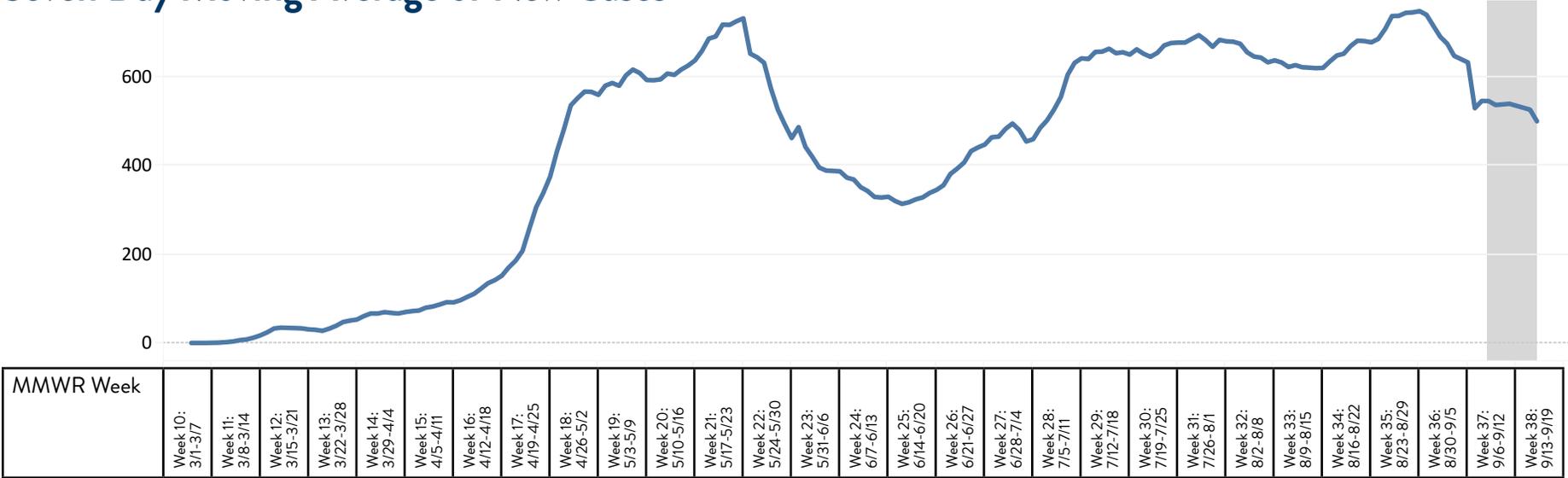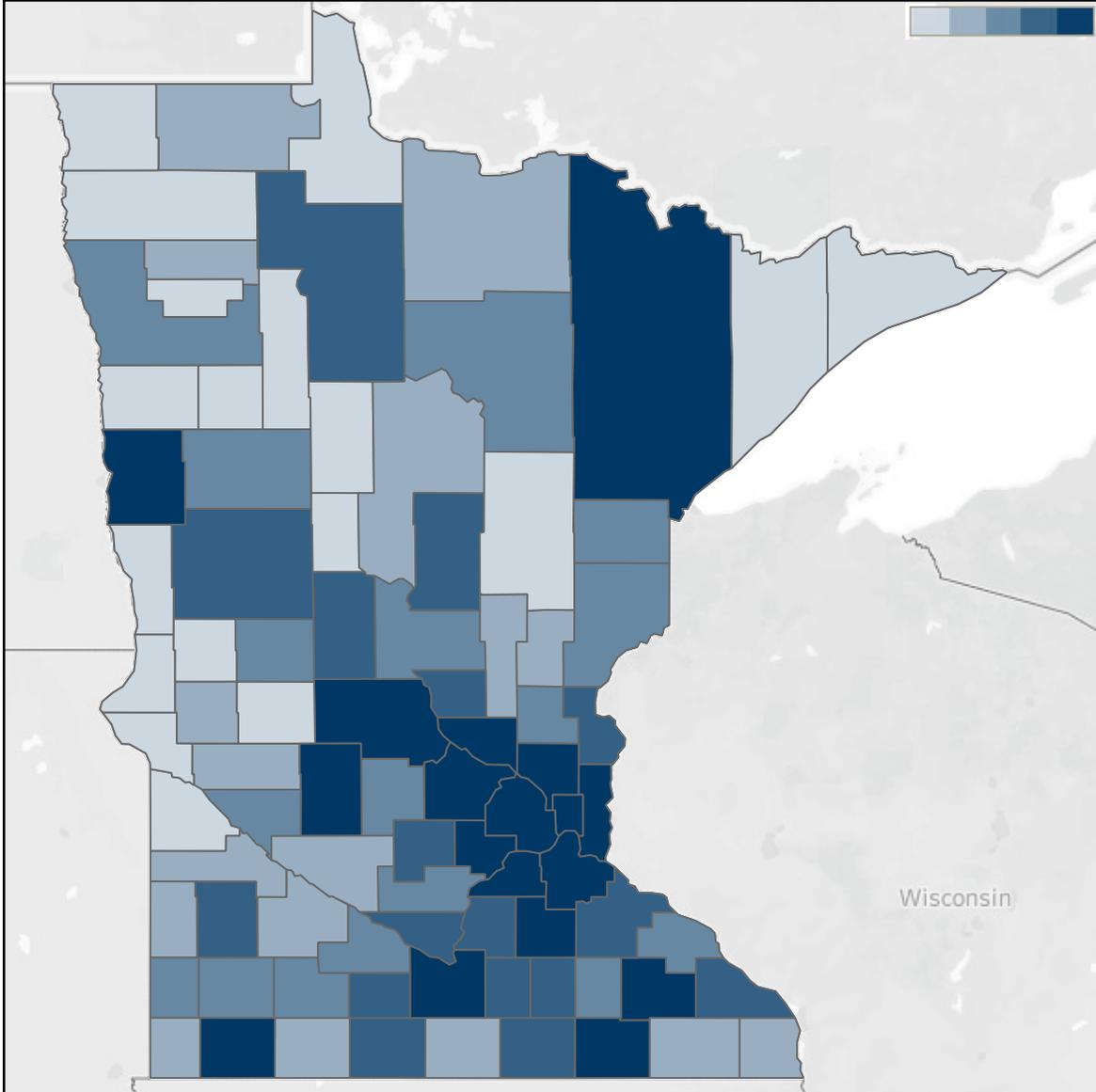- Up to date data for this chart is provided in the Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
- Confirmed cases by USPS zip code of residence is available as a downloadable CSV file at: Minnesota COVID-19 Weekly 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.
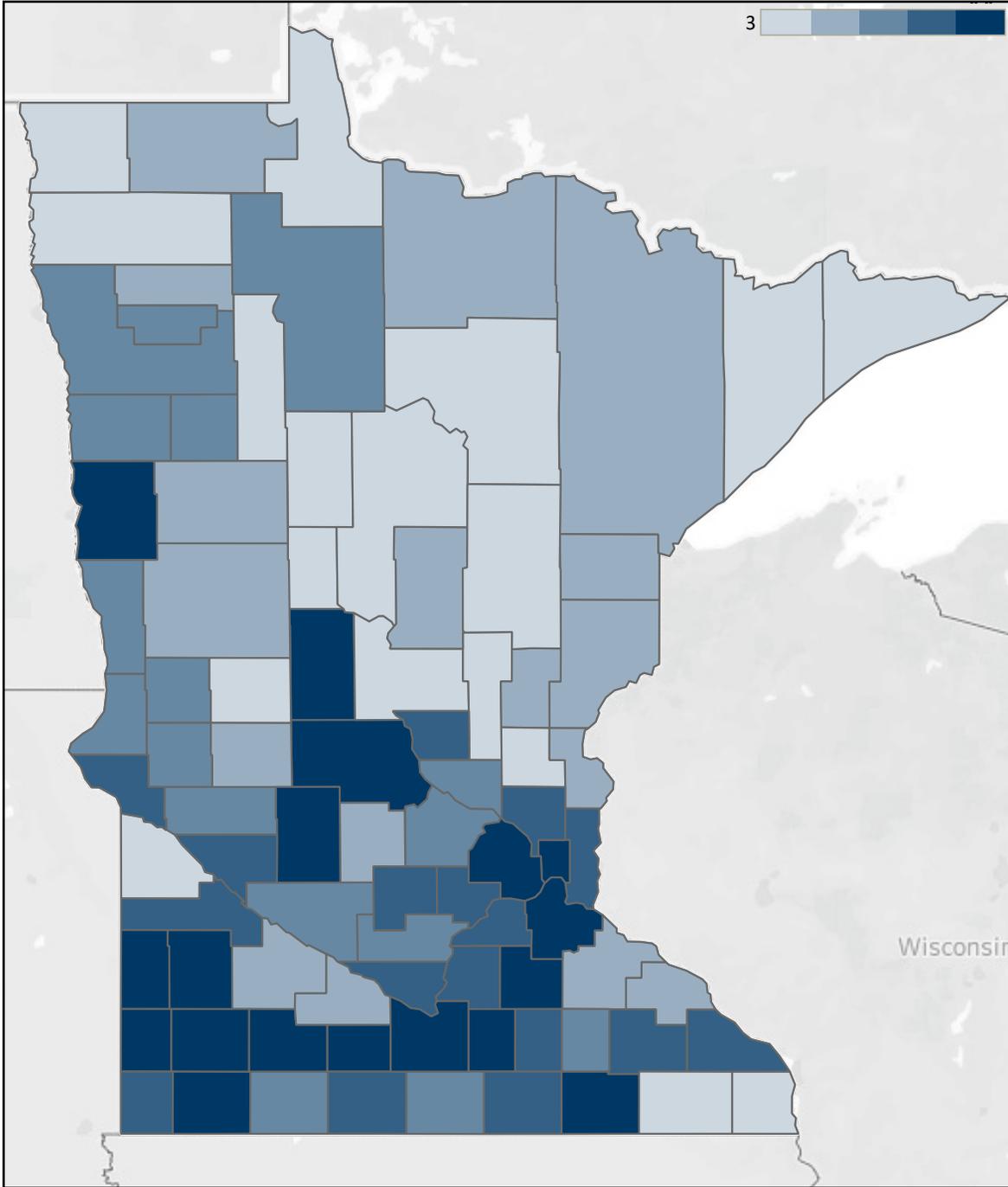
County	Cumulative Rate	County	Cumulative Rate
Aitkin	44	Martin	140
Anoka	159	McLeod	121
Becker	70	Meeker	67
Beltrami	78	Mille Lacs	52
Benton	120	Morrison	56
Big Stone	128	Mower	316
Blue Earth	232	Murray	178
Brown	63	Nicollet	144
Carlton	64	Nobles	876
Carver	130	Norman	78
Cass	41	Olmsted	146
Chippewa	152	Otter Tail	63
Chisago	76	Pennington	75
Clay	191	Pine	68
Clearwater	27	Pipestone	223
Cook	11	Polk	81
Cottonwood	187	Pope	74
Crow Wing	63	Ramsey	190
Dakota	166	Red Lake	92
Dodge	88	Redwood	59
Douglas	59	Renville	79
Faribault	93	Rice	194
Fillmore	47	Rock	148
Freeborn	161	Roseau	68
Goodhue	69	Scott	162
Grant	96	Sherburne	113
Hennepin	204	Sibley	111
Houston	56	St. Louis	62
Hubbard	31	Stearns	231
Isanti	57	Steele	138
Itasca	56	Stevens	93
Jackson	119	Swift	105
Kanabec	59	Todd	193
Kandiyohi	213	Traverse	87
Kittson	30	Wabasha	76
Koochiching	78	Wadena	45
Lac qui Parle	53	Waseca	219
Lake	45	Washington	137
Lake of the Woods	53	Watonwan	441
Le Sueur	157	Wilkin	87
Lincoln	163	Winona	143
Lyon	241	Wright	111
Mahnomen	80	Yellow Medicine	144
Marshall	51		

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.

Week 32: 8/2-8/8	Week 33: 8/9-8/15	Week 34: 8/16-8/22	Week 35: 8/23-8/29	Week 36: 8/30-9/5
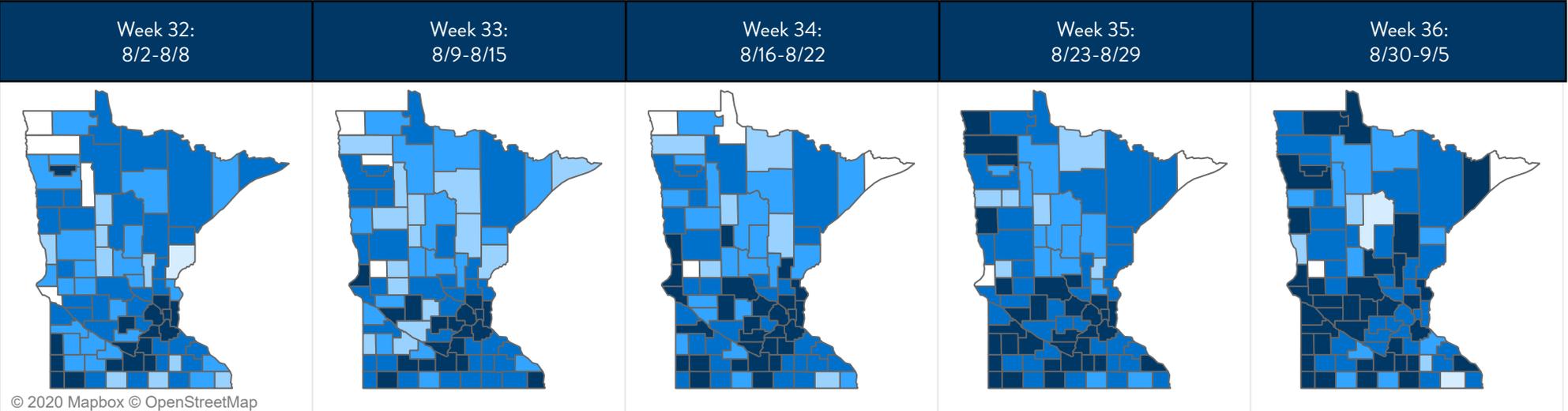
© 2020 Mapbox © OpenStreetMap
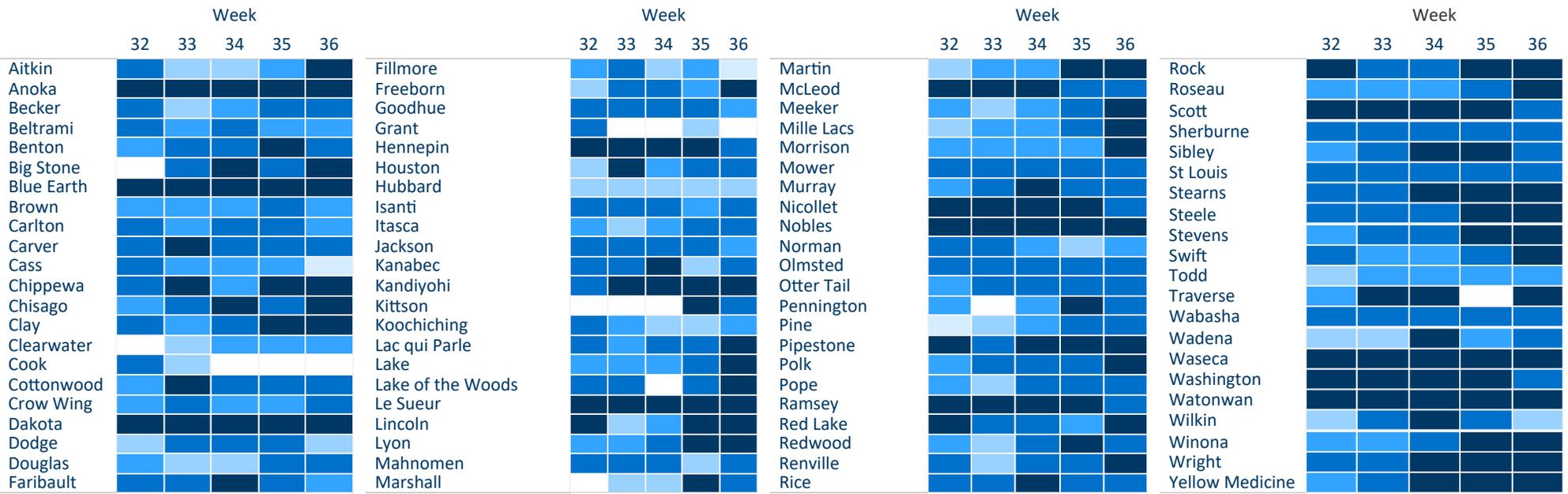
Cases Per 10,000 People

- ☐ 0
- ☐ Greater than 0 to less than 1
- ☐ 1 to less than 2
- ☐ 2 to less than 4
- ☐ 4 to less than 8
- ☐ 8 to less than 50

Hospitalizations, ICU Hospitalizations

7,050
Total Hospitalizations
(cumulative)

1,980
Total ICU Hospitalizations
(cumulative)
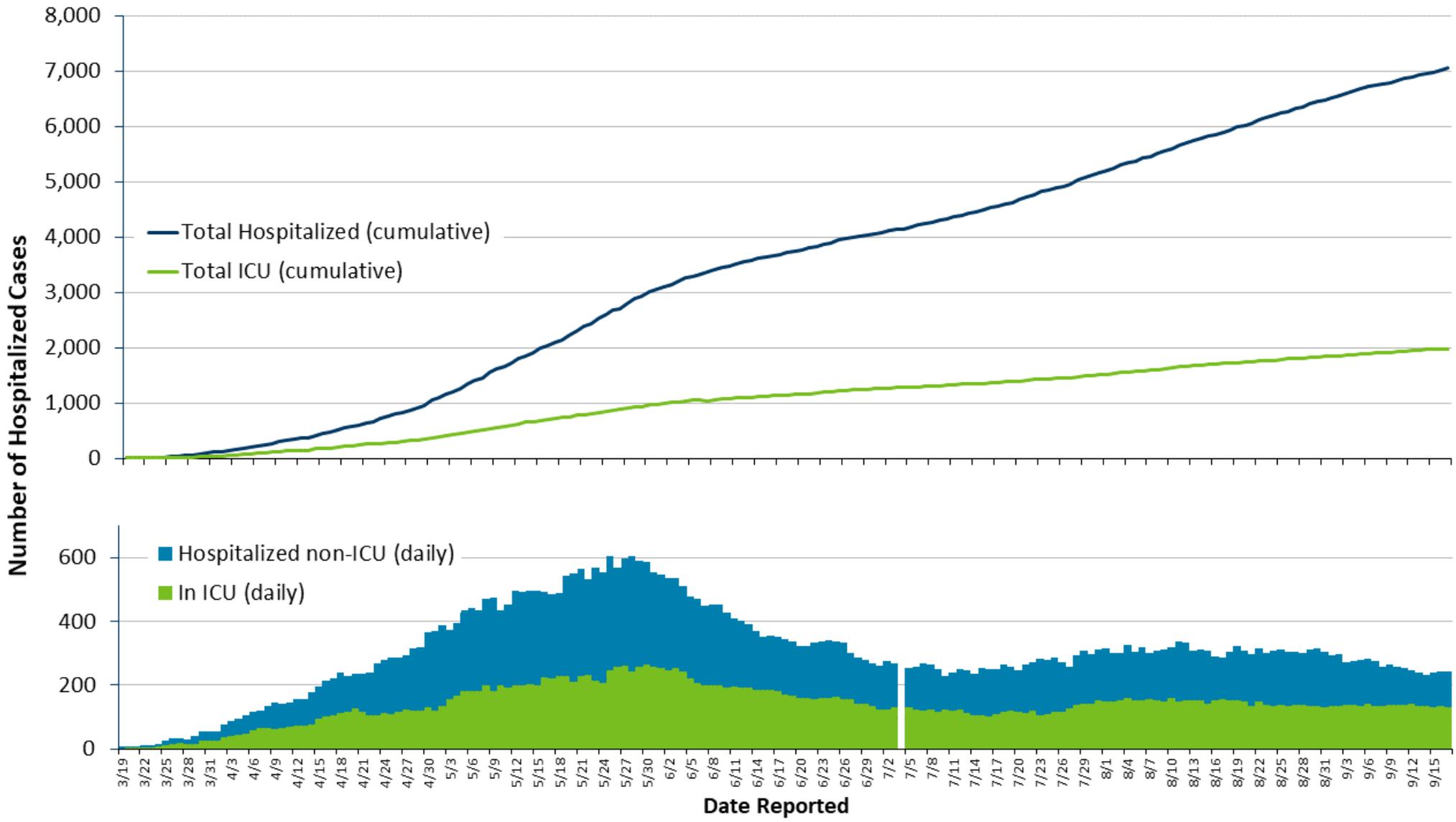
- Total Hospitalized (cumulative)
- Total ICU (cumulative)
- Hospitalized non-ICU (daily)
- In ICU (daily)

Y-axis (top): Number of Hospitalized Cases — 0; 1,000; 2,000; 3,000; 4,000; 5,000; 6,000; 7,000; 8,000

Y-axis (bottom): 0; 200; 400; 600

X-axis: Date Reported

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

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Hospitalizations by Week, 7-Day Average

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

New Hospitalization by Week First Hospital Admission

Number of Cases

MMWR Week: Week 10: 3/1-3/7, Week 11: 3/8-3/14, Week 12: 3/15-3/21, Week 13: 3/22-3/28, Week 14: 3/29-4/4, Week 15: 4/5-4/11, Week 16: 4/12-4/18, Week 17: 4/19-4/25, Week 18: 4/26-5/2, Week 19: 5/3-5/9, Week 20: 5/10-5/16, Week 21: 5/17-5/23, Week 22: 5/24-5/30, Week 23: 5/31-6/6, Week 24: 6/7-6/13, Week 25: 6/14-6/20, Week 26: 6/21-6/27, Week 27: 6/28-7/4, Week 28: 7/5-7/11, Week 29: 7/12-7/18, Week 30: 7/19-7/25, Week 31: 7/26-8/1, Week 32: 8/2-8/8, Week 33: 8/9-8/15, Week 34: 8/16-8/22, Week 35: 8/23-8/29, Week 36: 8/30-9/5, Week 37: 9/6-9/12, Week 38: 9/13-9/19
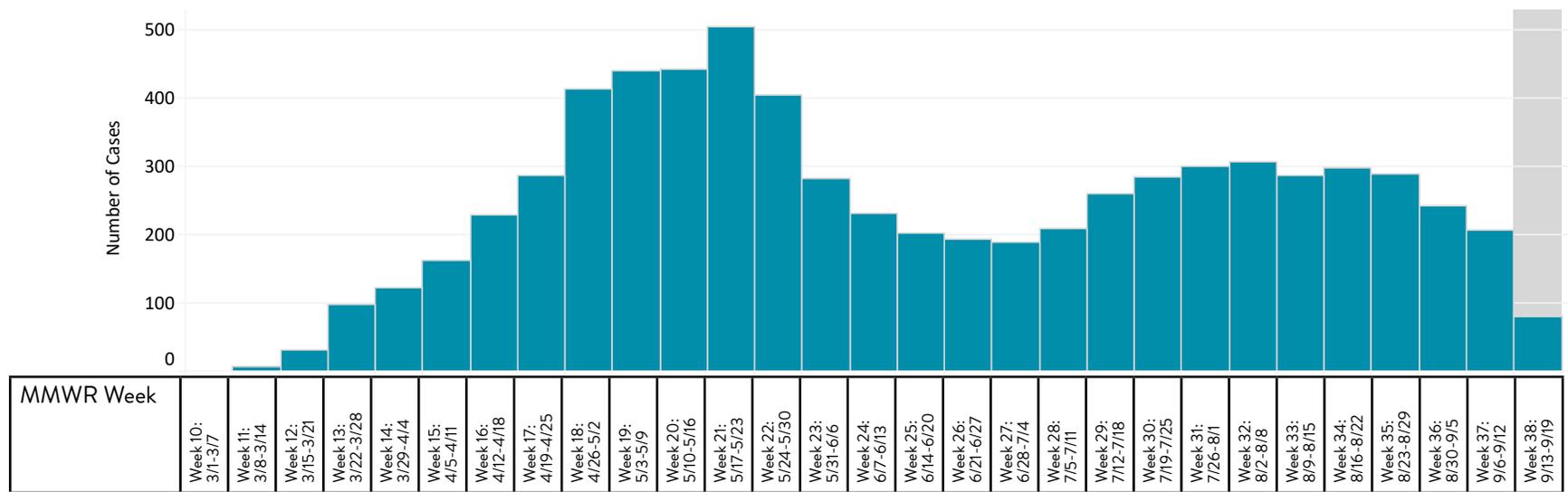
Seven Day Moving Average of New Hospitalizations

Number of Cases

MMWR Week: Week 10: 3/1-3/7, Week 11: 3/8-3/14, Week 12: 3/15-3/21, Week 13: 3/22-3/28, Week 14: 3/29-4/4, Week 15: 4/5-4/11, Week 16: 4/12-4/18, Week 17: 4/19-4/25, Week 18: 4/26-5/2, Week 19: 5/3-5/9, Week 20: 5/10-5/16, Week 21: 5/17-5/23, Week 22: 5/24-5/30, Week 23: 5/31-6/6, Week 24: 6/7-6/13, Week 25: 6/14-6/20, Week 26: 6/21-6/27, Week 27: 6/28-7/4, Week 28: 7/5-7/11, Week 29: 7/12-7/18, Week 30: 7/19-7/25, Week 31: 7/26-8/1, Week 32: 8/2-8/8, Week 33: 8/9-8/15, Week 34: 8/16-8/22, Week 35: 8/23-8/29, Week 36: 8/30-9/5, Week 37: 9/6-9/12, Week 38: 9/13-9/19

ICU Hospitalizations by Week, 7-Day Average

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

New ICU Hospitalizations by Week of First ICU Hospital Admission
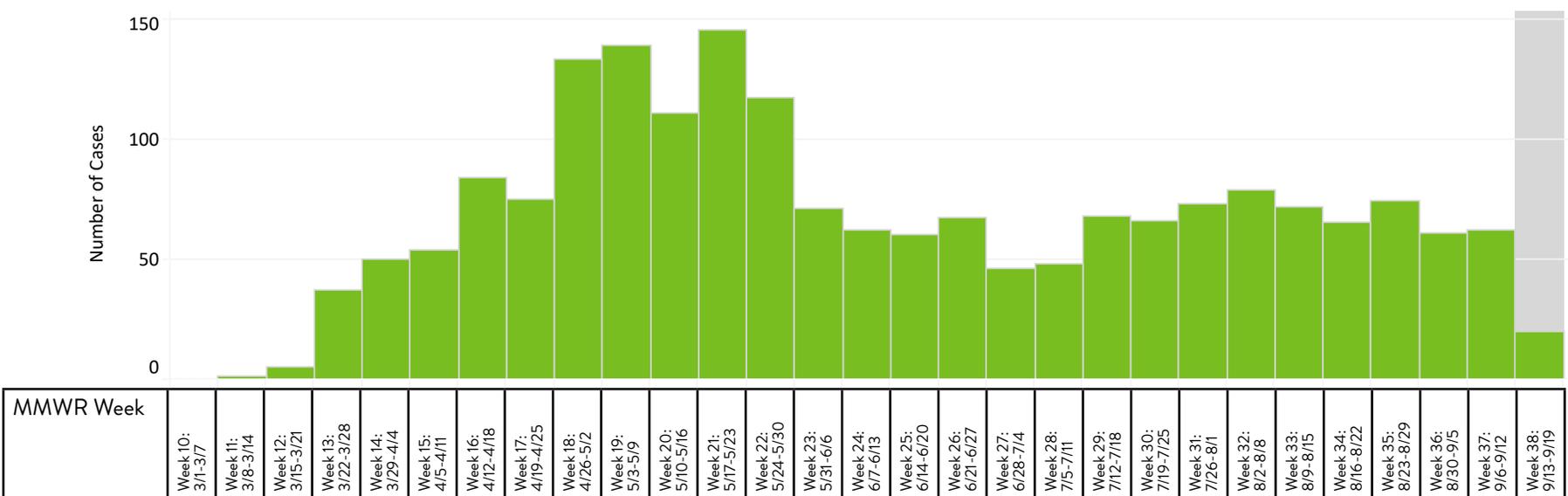
Seven Day Moving Average of New ICU Hospitalizations
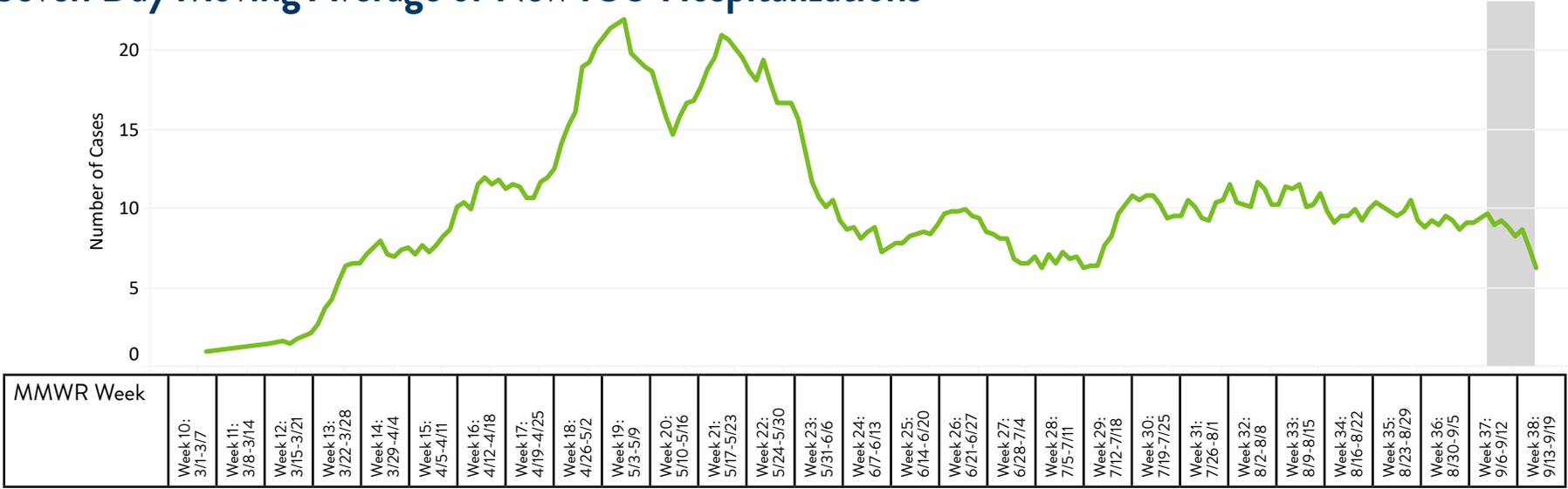
Deaths

Deaths are confirmed deaths due to COVID-19, and have a positive laboratory-confirmed PCR test for SARS-CoV-2, and either COVID-19 is listed on the death certificate, or clinical history/autopsy findings that provide evidence that the death is related to COVID-19 without an alternative cause (i.e. drowning, homicide, trauma, etc.).
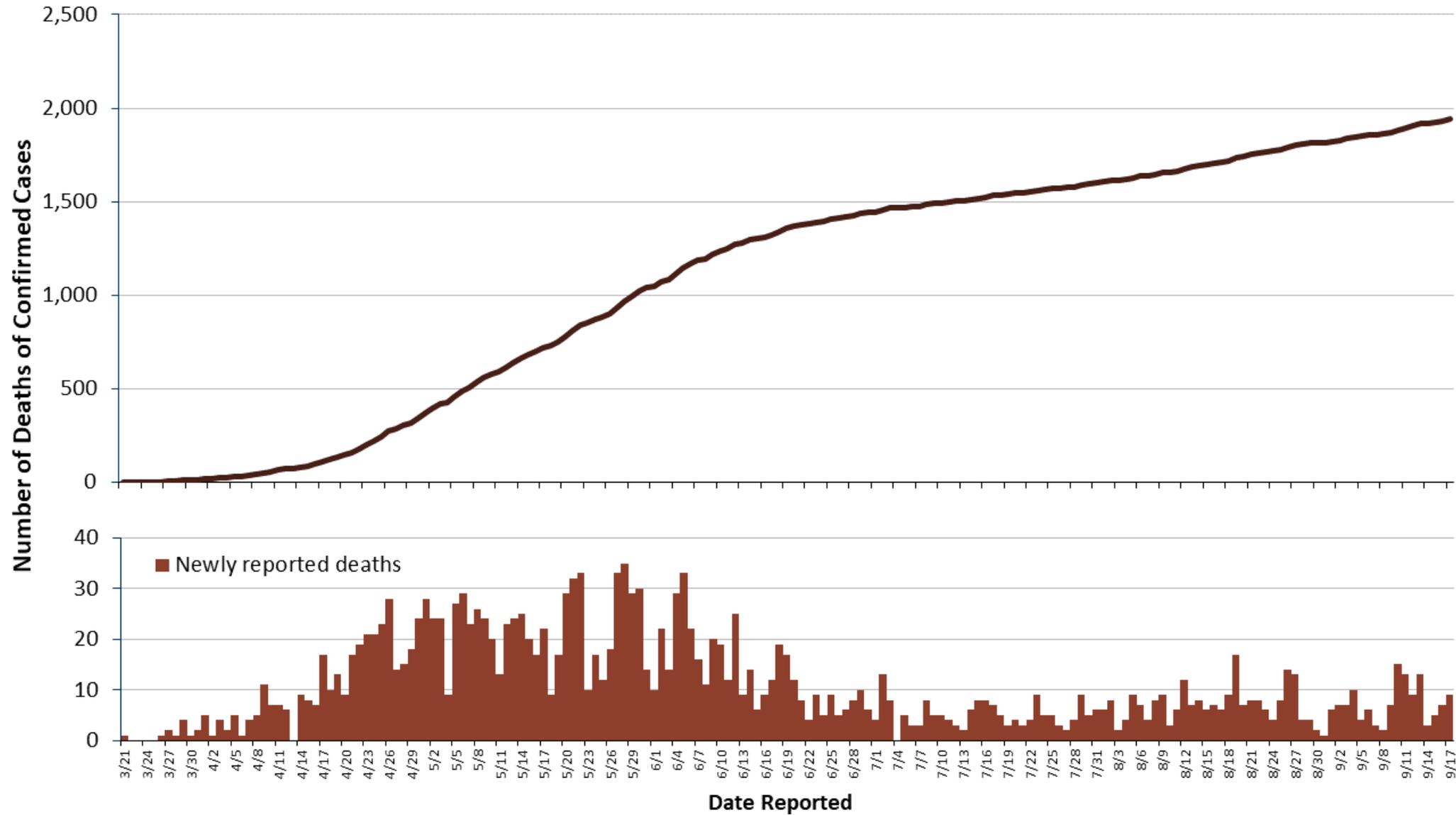
1,942
Total Deaths
(cumulative)

■ Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)
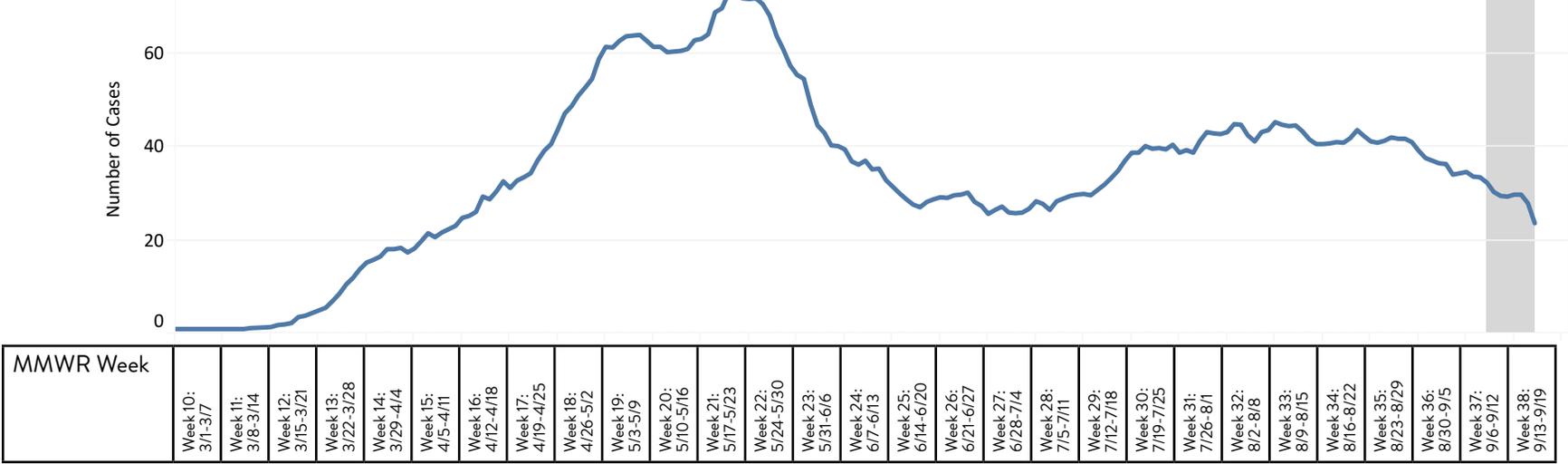
Minnesota Department of Health Weekly COVID-19 Report: Updated 9/17/2020 with data current as of 4 p.m. the previous day.   Page 19

Deaths by Week, 7-Day Average

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

Deaths by Week of Death
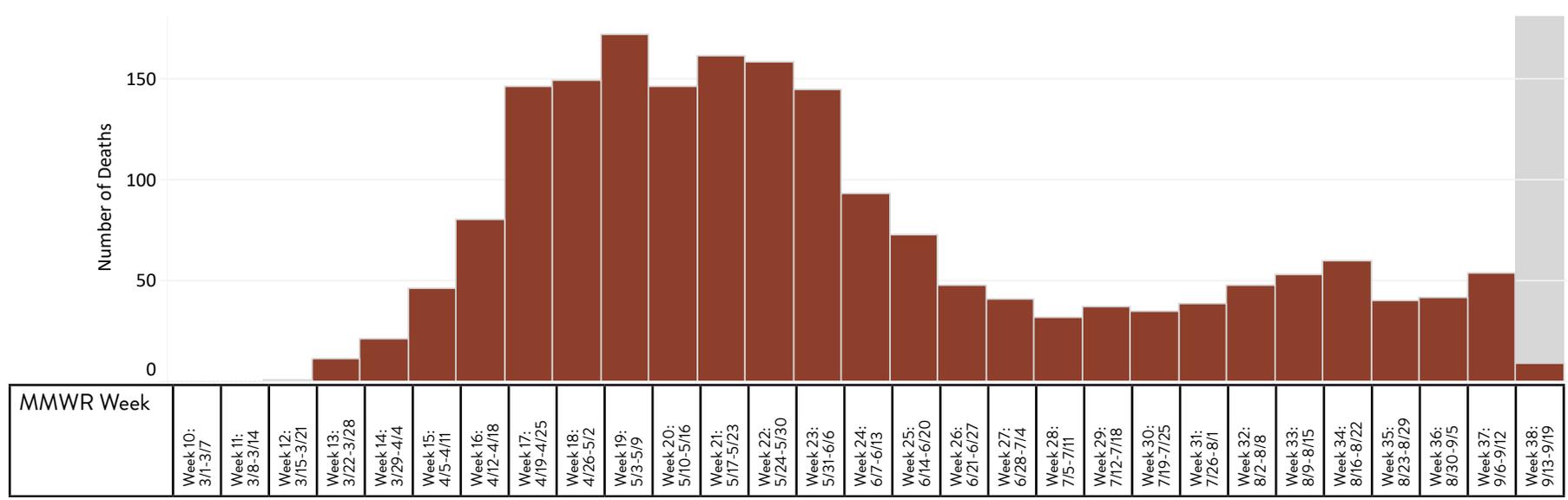
Seven Day Moving Average of Deaths
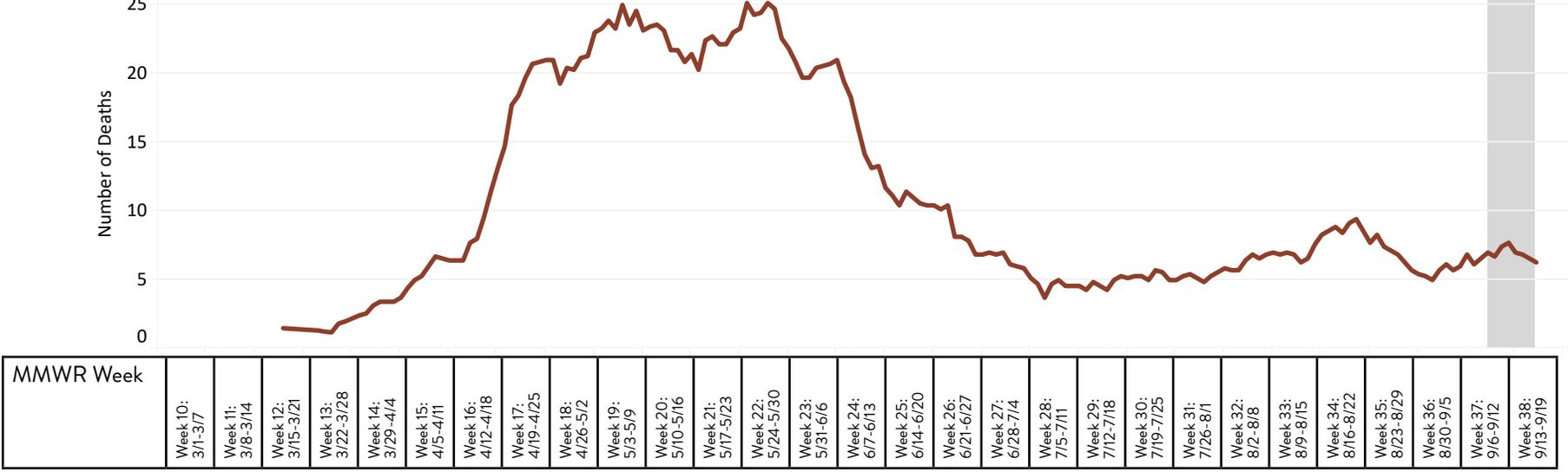
Deaths by County of Residence

Cumulative number of deaths in laboratory confirmed cases by county of residence.
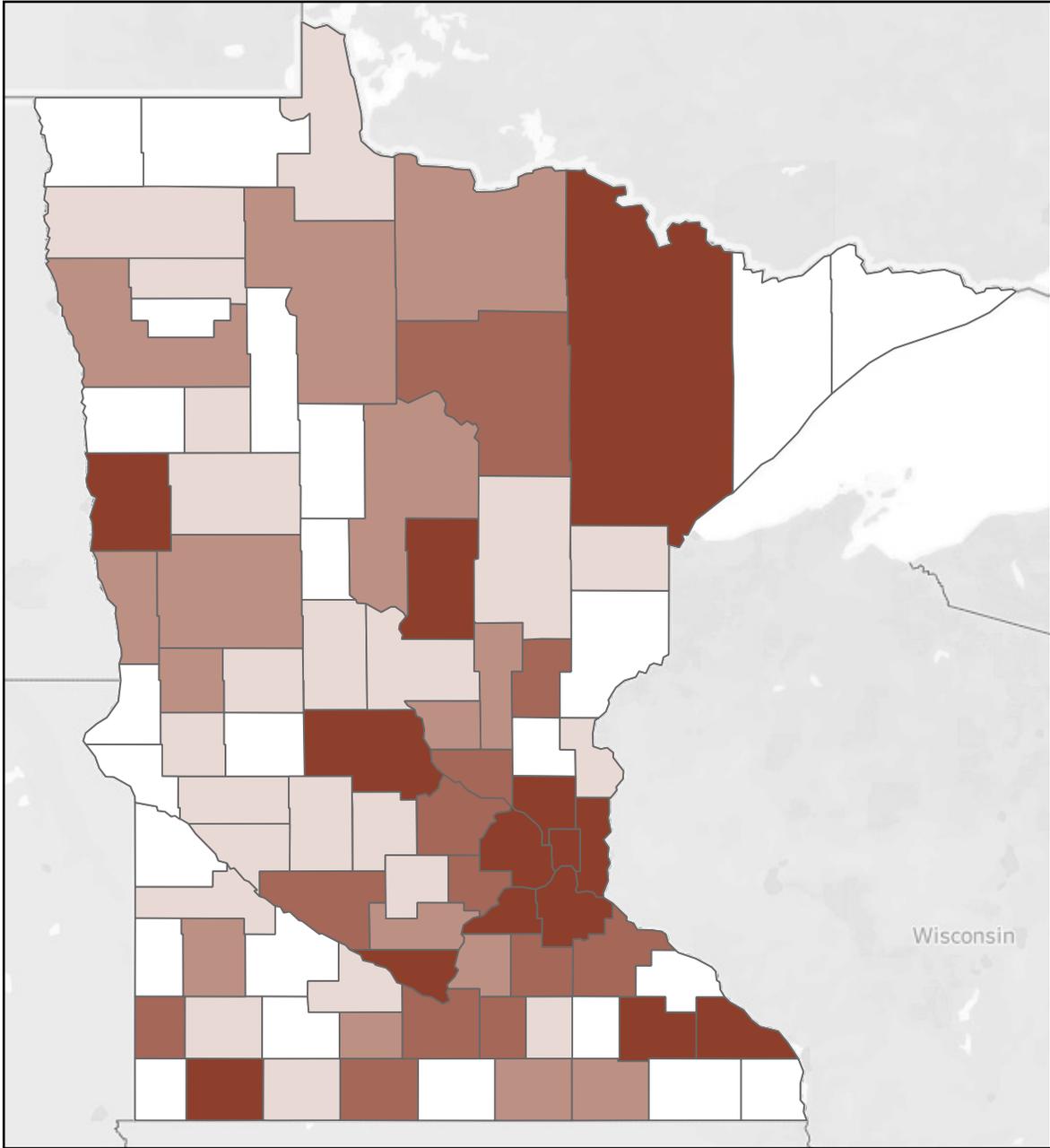
County	Deaths	County	Deaths
Aitkin	1	Martin	9
Anoka	131	McLeod	2
Becker	2	Meeker	2
Beltrami	4	Mille Lacs	3
Benton	3	Morrison	1
Big Stone	0	Mower	4
Blue Earth	6	Murray	2
Brown	2	Nicollet	16
Carlton	1	Nobles	16
Carver	7	Norman	0
Cass	3	Olmsted	26
Chippewa	1	Otter Tail	4
Chisago	1	Pennington	1
Clay	40	Pine	0
Clearwater	0	Pipestone	9
Cook	0	Polk	4
Cottonwood	0	Pope	0
Crow Wing	18	Ramsey	314
Dakota	124	Red Lake	0
Dodge	0	Redwood	0
Douglas	1	Renville	6
Faribault	0	Rice	8
Fillmore	0	Rock	0
Freeborn	3	Roseau	0
Goodhue	9	Scott	32
Grant	4	Sherburne	13
Hennepin	915	Sibley	3
Houston	0	St. Louis	29
Hubbard	0	Stearns	23
Isanti	0	Steele	2
Itasca	13	Stevens	1
Jackson	1	Swift	1
Kanabec	8	Todd	2
Kandiyohi	2	Traverse	0
Kittson	0	Wabasha	0
Koochiching	3	Wadena	0
Lac qui Parle	0	Waseca	8
Lake	0	Washington	55
Lake of the Woods	1	Watonwan	4
Le Sueur	3	Wilkin	3
Lincoln	0	Winona	18
Lyon	4	Wright	7
Mahnomen	1	Yellow Medicine	1
Marshall	1	Unknown/missing	0

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

Demographics: Age

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

	Median Age (Range) in Years
All Cases	35 (<1 month – 109)
Non-Hospitalized Cases	34 (<1 month - 109)
Hospitalizations	59 (<1 month - 105)
ICU Hospitalizations	61 (<1 month - 99)
Deaths	83 (<1 - 109)
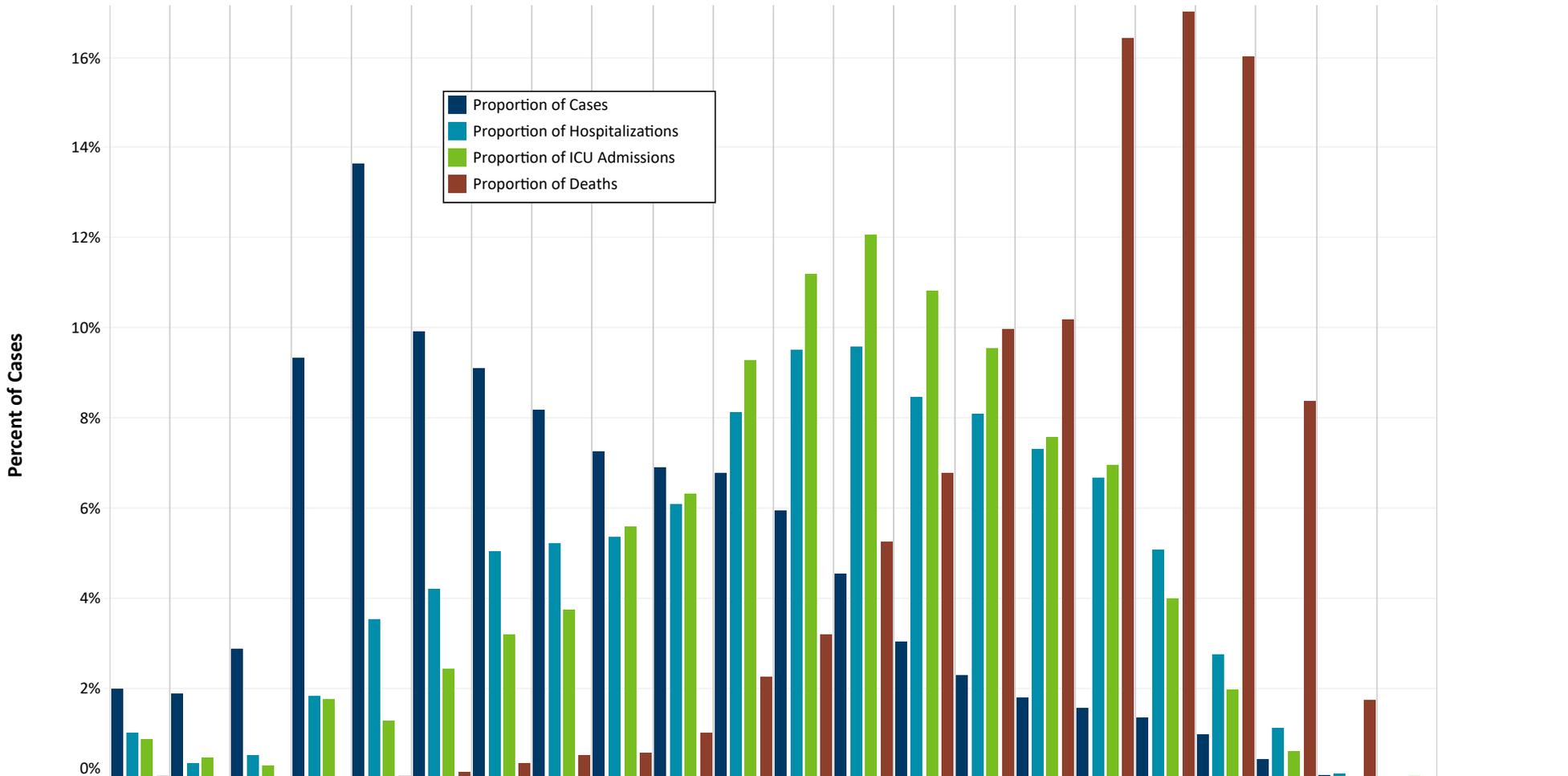
Age Group (in years)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unk./missing	Total
All Cases	1,735	1,641	2,500	8,106	11,828	8,604	7,888	7,088	6,291	5,994	5,896	5,168	3,958	2,632	1,977	1,558	1,362	1,178	856	389	67	6	86,722
Hospitalizations	71	25	36	128	249	296	356	369	379	429	572	670	674	597	571	515	471	357	195	80	9	1	7,050
ICU Hospitalizations	17	9	6	35	25	48	63	74	111	125	184	222	239	214	189	150	138	79	39	12	0	1	1,980
Deaths	1	0	0	0	1	3	7	10	11	20	44	62	102	132	194	198	319	330	311	163	34	0	1,942

Number of Cases by Age Group and Specimen Collection Date

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

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

Age Group

- 100+
- 95-99
- 90-94
- 85-89
- 80-84
- 75-79
- 70-74
- 65-69
- 60-64
- 55-59
- 50-54
- 45-49
- 40-44
- 35-39
- 30-34
- 25-29
- 20-24
- 15-19
- 11-14
- 5-9
- 0-4

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

Demographics: Gender

Gender for confirmed cases. Gender is collected during case interview and is self-reported.
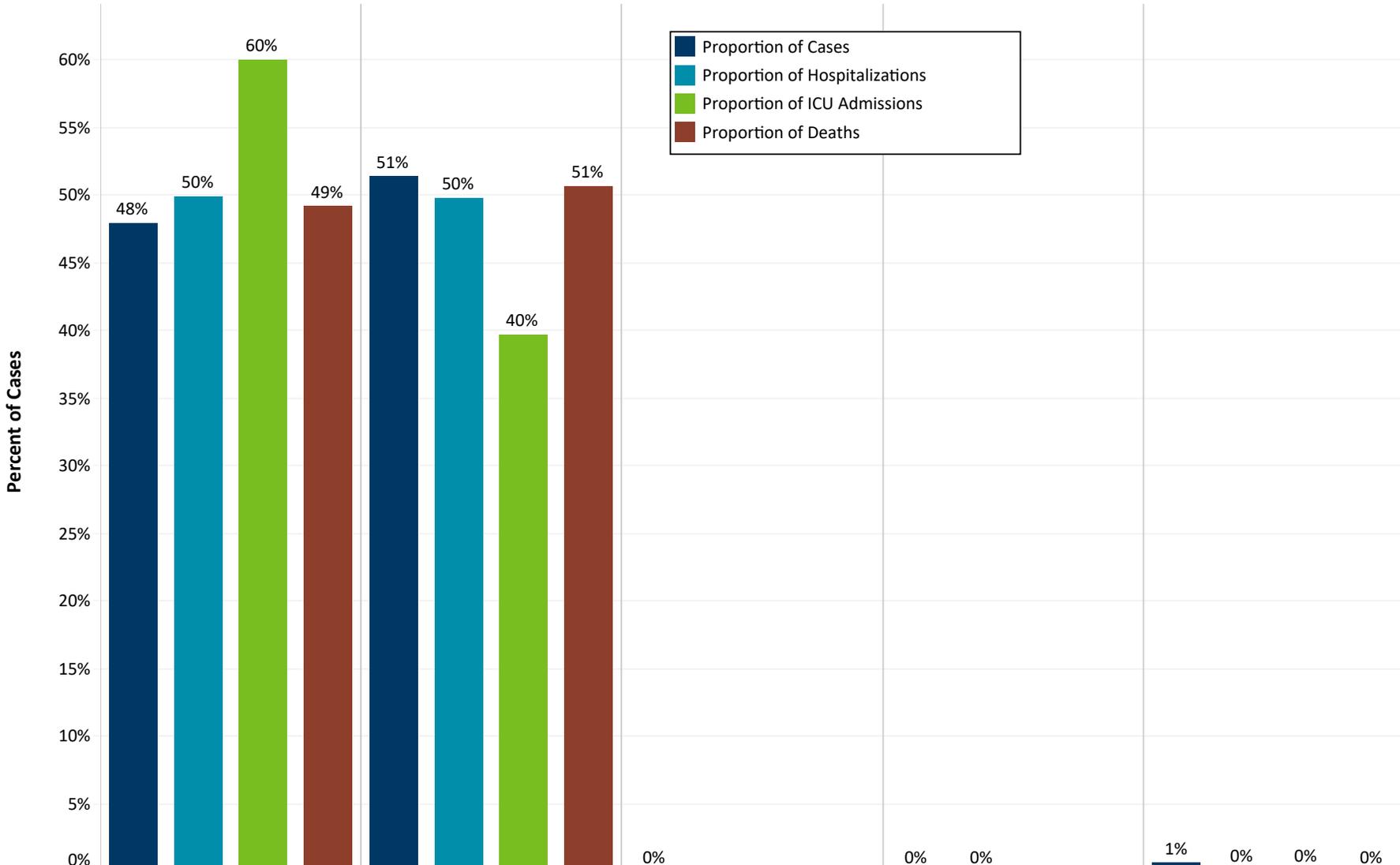
Gender	Male	Female	Other	Unk./missing	Total
All Cases	41,560	44,599	13	550	86,722
Hospitalizations	3,522	3,516	1	11	7,050
ICU Hospitalizations	1,190	787	0	3	1,980
Deaths	956	985	0	1	1,942

Demographics: Race & Ethnicity

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

Race/Ethnicity	Minnesota Population (2018)	% of Population
White, non-Hispanic	4,438,071	80%
Black, non-Hispanic	336,505	6%
Asian, non-Hispanic	260,797	5%
American Indian/Alaska Native, non-Hispanic	53,168	1%
Native Hawaiian/Pacific Islander, non-Hispanic	1,799	<1%
Multiple Races, non-Hispanic	137,233	2%
Other, non-Hispanic	7,021	<1%
Hispanic	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	40,227	16,077	4,731	704	127	1,106	1,471	14,186	8,093	86,722
Hospitalizations	3,190	1,574	594	153	9	104	76	1,030	320	7,050
ICU Hospitalizations	851	406	216	58	2	32	22	309	84	1,980
Deaths	1,501	188	91	35	2	12	7	93	13	1,942

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.

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

Y-axis: Adjusted Cumulative Case Rate

Top chart (All Cases):
- White, non-Hispanic: 808
- Black, non-Hispanic: 4,105
- Asian, non-Hispanic: 1,495
- American Indian/Alaskan Native, NH: 951
- Native Hawaiian/Pacific Islander, NH: 4,043
- Multiple Races, non-Hispanic: 1,142
- Hispanic: 5,047

Bottom chart (Hospitalized cases / ICU / Deaths):
- White, non-Hispanic: 43, 14, 25
- Black, non-Hispanic: 494, 138, 116
- Asian, non-Hispanic: 243, 108, 62
- American Indian/Alaskan Native, NH: 287, 136, 160
- Native Hawaiian/Pacific Islander, NH: -, -, -
- Multiple Races, non-Hispanic: 181, -, -
- Hispanic: 458, 152, 95

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	808	4,105	1,495	951	4,043	1,142	5,047
Hospitalizations	43	494	243	287	-	181	458
ICU Hospitalizations	14	138	108	136	-	-	152
Deaths	25	116	62	160	-	-	95

Demographics: Interview Language

Language needs for cases interviewed by specimen collection date week. It is assumed that any interview recorded as not needing an interpreter was conducted in English.
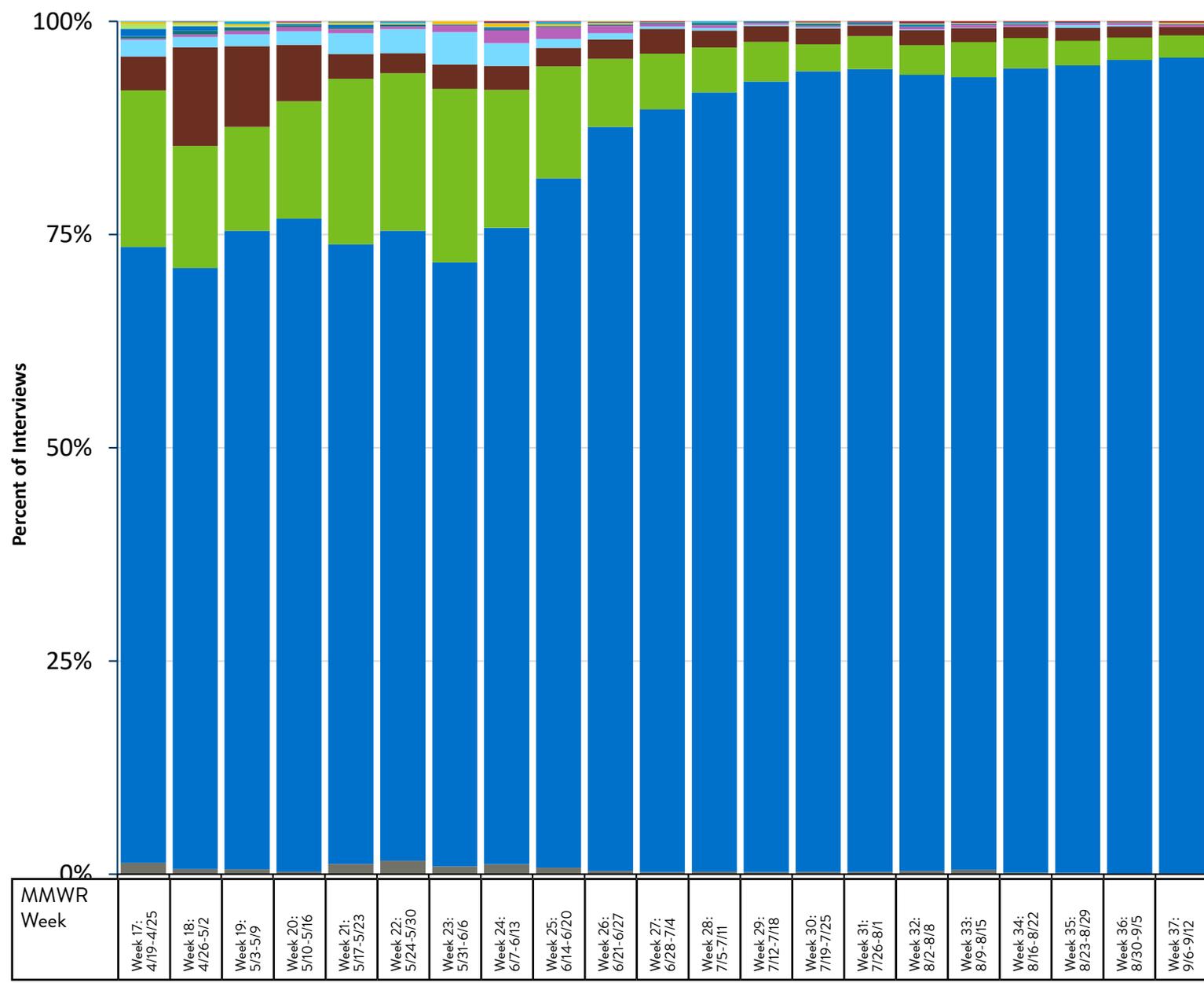
Language	Total % of Interviews
Mandarin	<1%
Cantonese	<1%
Russian	<1%
Arabic	<1%
Vietnamese	<1%
Laotian	<1%
Amharic	<1%
Oromo	<1%
Hmong	<1%
Karen	1%
Somali	3%
Spanish	9%
English	86%
Other	<1%

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	Language	Percent
Week 35: 8/16-8/22	English	94.3%
	Spanish	3.6%
	Somali	1.3%
	Hmong	0.2%
	Karen	0.0%
	Oromo	0.0%
	Vietnamese	0.0%
	Amharic	0.1%
	Other	0.4%
Week 36: 8/23-8/29	English	94.7%
	Spanish	2.9%
	Somali	1.5%
	Hmong	0.2%
	Karen	0.3%
	Oromo	0.0%
	Amharic	0.1%
	Other	0.3%
Week 37: 8/30-9/5	English	95.4%
	Spanish	2.6%
	Somali	1.3%
	Hmong	0.2%
	Karen	0.1%
	Vietnamese	0.0%
	Amharic	0.1%
	Other	0.2%
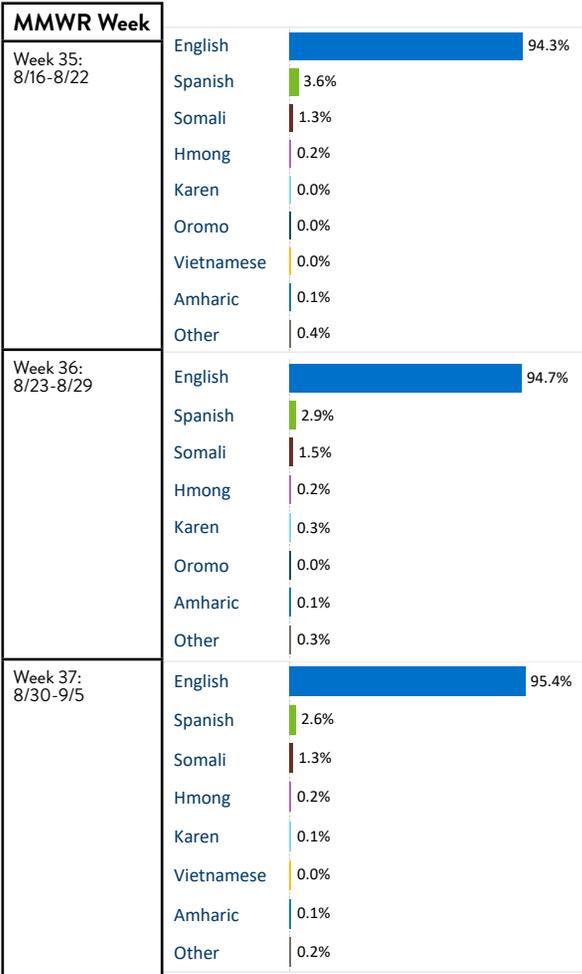
Spanish Language Interviews by Week and County
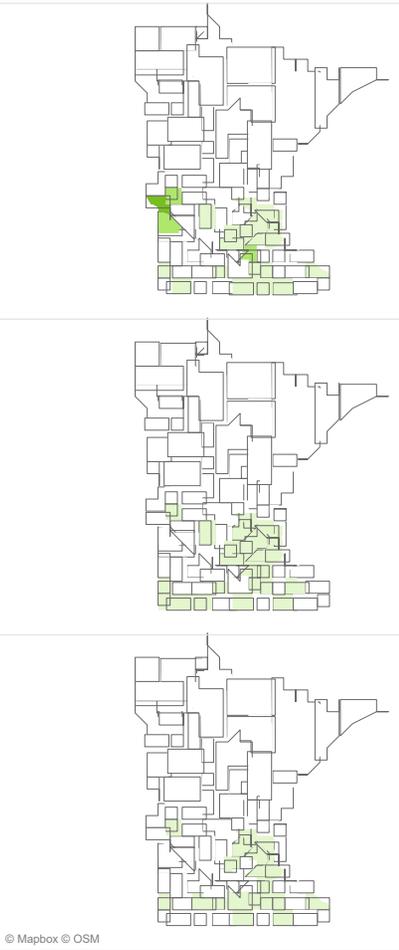
Somali Language Interviews by Week and County
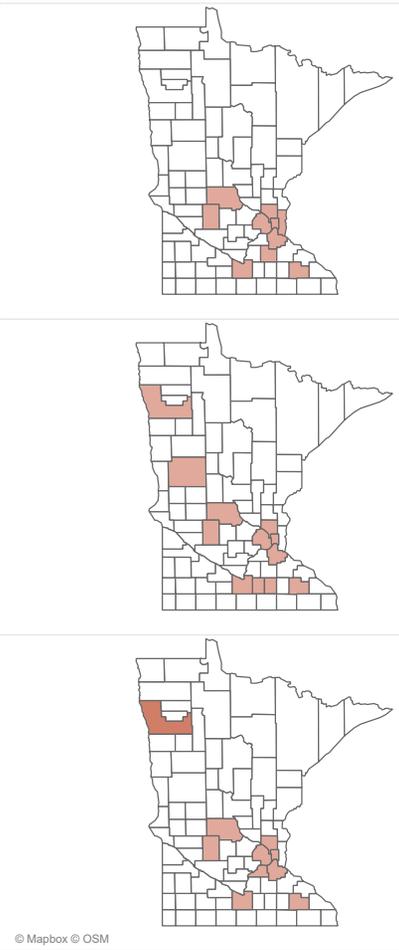
Karen Language Interviews by Week and County
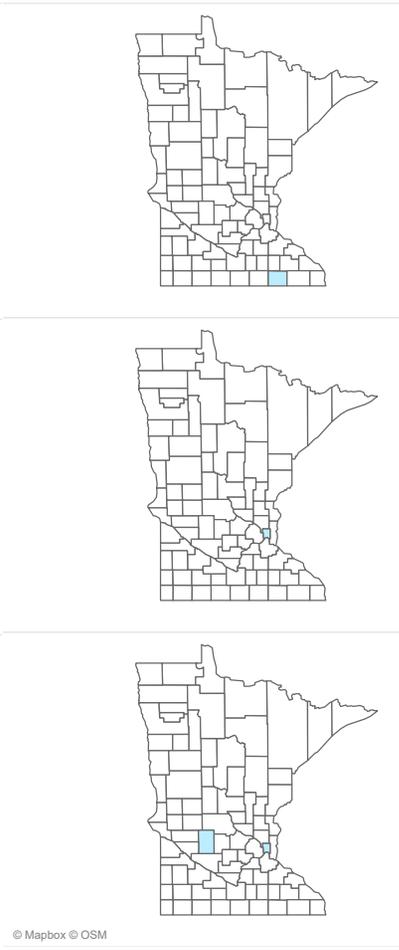
Spanish legend:
- 0% or no interviews
- >0 to 25%
- >25% to 50%
- >50% to 75%

Somali legend:
- 0% or no interviews
- >0 to 10%
- >10% to 25%

Karen legend:
- 0% or no interviews
- >0 to 10%

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Likely Exposure

Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known contact, community-no known exposure.
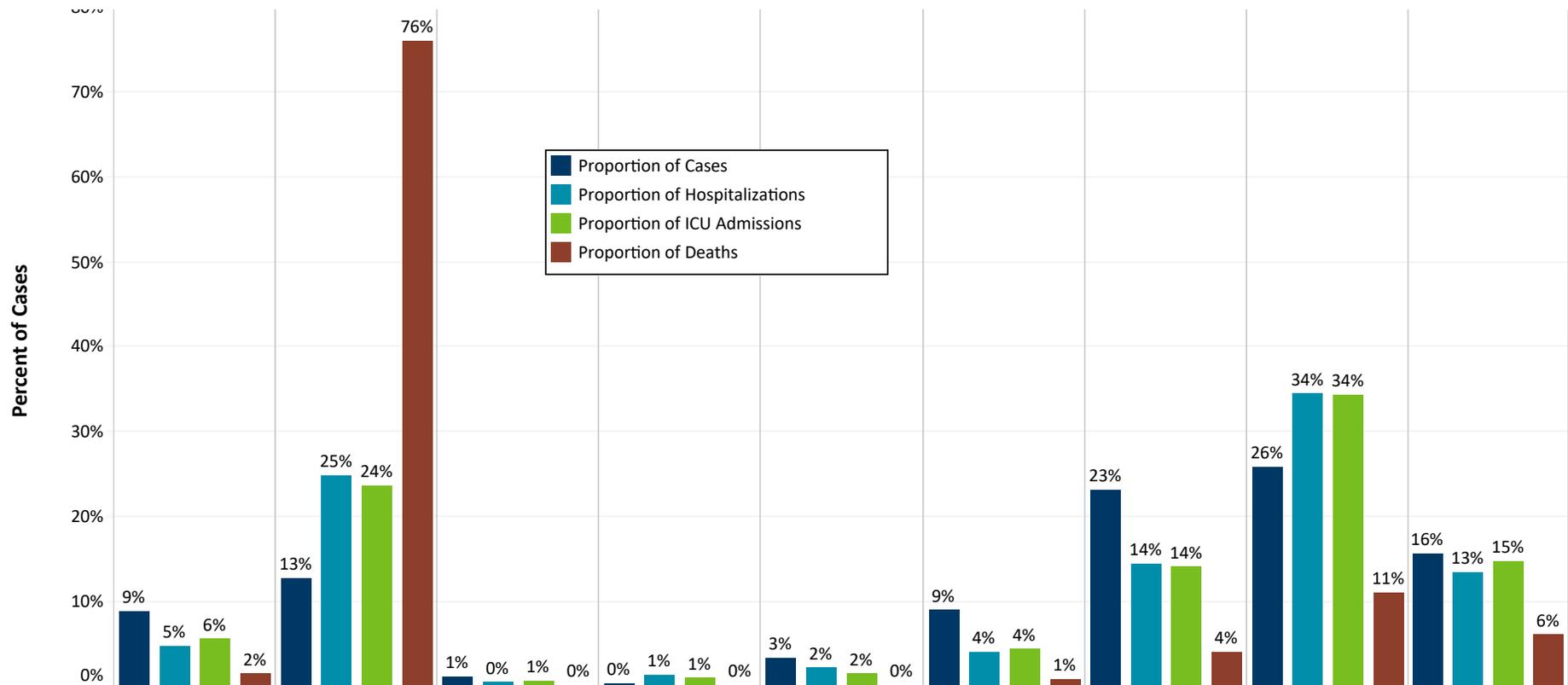
Likely Exposure	Travel (outside MN)	Congregate Care	Corrections	Homeless/ Shelter	Health Care	Community (outbreak)	Community (known contact)	Community (no known contact)	Unk./missing	Total
All Cases	7,656	11,031	1,023	300	2,996	7,739	20,016	22,457	13,504	86,722
Hospitalizations	334	1,753	32	97	155	291	1,016	2,430	942	7,050
ICU Hospitalizations	112	466	12	19	31	88	280	679	293	1,980
Deaths	30	1,473	2	2	4	17	80	215	119	1,942

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

Cases by Likely Exposure and Specimen Collection Date

Confirmed cases by likely exposure by specimen collection date. This chart shows how exposure to COVID-19 has changed over time during the pandemic in Minnesota.

Legend:
- Community (no known contact)
- Community (known contact)
- Community (Outbreak)
- Healthcare
- Homeless/Shelter
- Corrections
- Congregate Care
- Travel
- Unknown/Missing

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

MMWR Week: Week 10: 3/1-3/7, Week 11: 3/8-3/14, Week 12: 3/15-3/21, Week 13: 3/22-3/28, Week 14: 3/29-4/4, Week 15: 4/5-4/11, Week 16: 4/12-4/18, Week 17: 4/19-4/25, Week 18: 4/26-5/2, Week 19: 5/3-5/9, Week 20: 5/10-5/16, Week 21: 5/17-5/23, Week 22: 5/24-5/30, Week 23: 5/31-6/6, Week 24: 6/7-6/13, Week 25: 6/14-6/20, Week 26: 6/21-6/27, Week 27: 6/28-7/4, Week 28: 7/5-7/11, Week 29: 7/12-7/18, Week 30: 7/19-7/25, Week 31: 7/26-8/1, Week 32: 8/2-8/8, Week 33: 8/9-8/15, Week 34: 8/16-8/22, Week 35: 8/23-8/29, Week 36: 8/30-9/5, Week 37: 9/6-9/12, Week 38: 9/13-9/19

MN Phases of Reopening:
- Stay Home MN 3/26-5/17
- Phase I 5/18-6/1
- PII 6/1-6/9
- Phase III 6/10-present
- Phase III with Mask Mandate 7/25-present

Residence Type

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

Residence Type	Private Residence	Hotel/Motel	Long-term Care/ Assisted Liv.	Group Home/ RBH	Homeless (sheltered)	Homeless (unsheltered)	Jail/Prison	College/ Uni./Camp Dorm	Work Dorm	Other	Unk./ missing	Total
All Cases	67,046	101	4,758	871	162	59	759	215	23	74	12,654	86,722
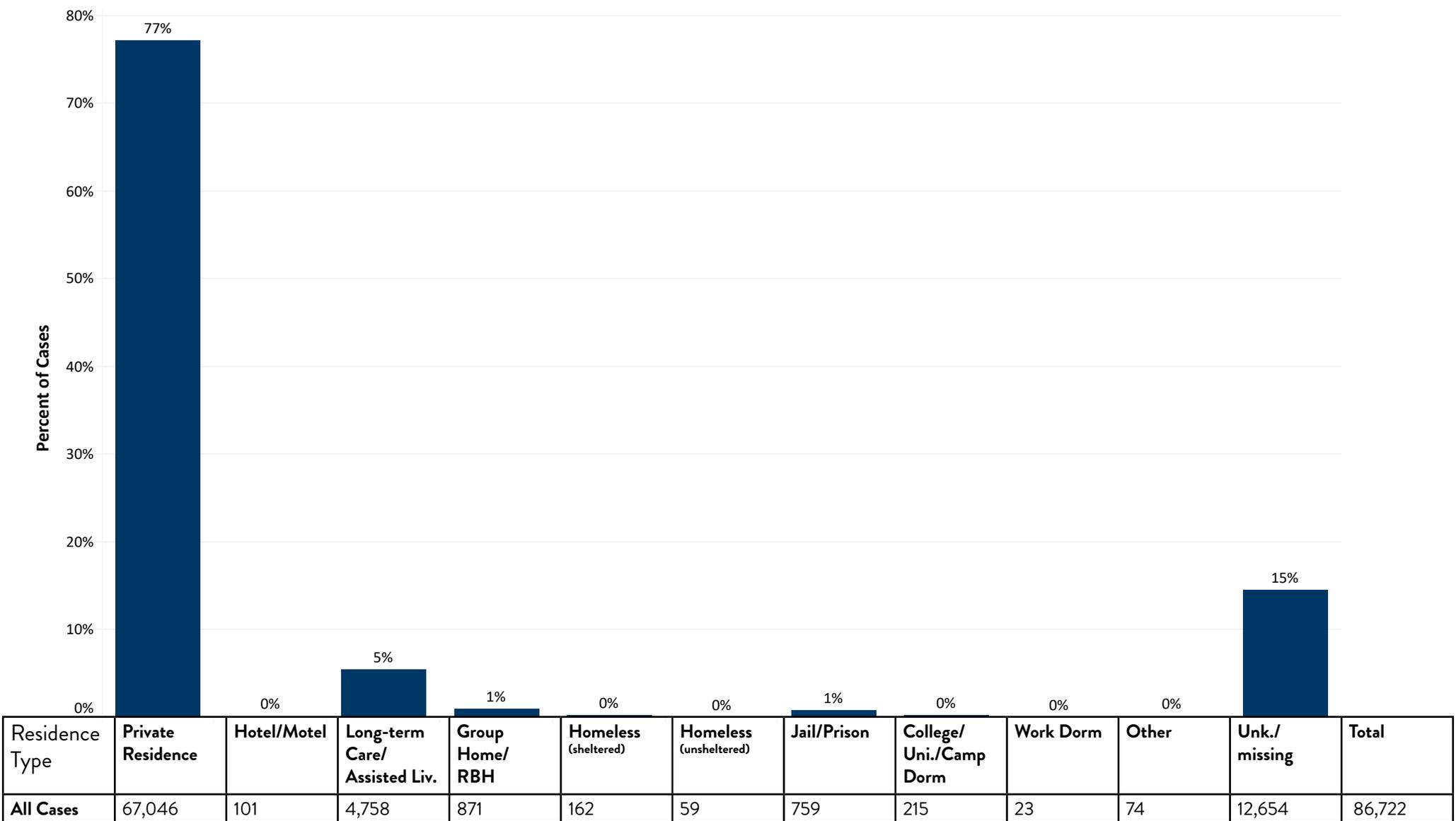
Occupational Related Cases: Health Care

Legend:
- Proportion of Cases
- Proportion of Healthcare Workers
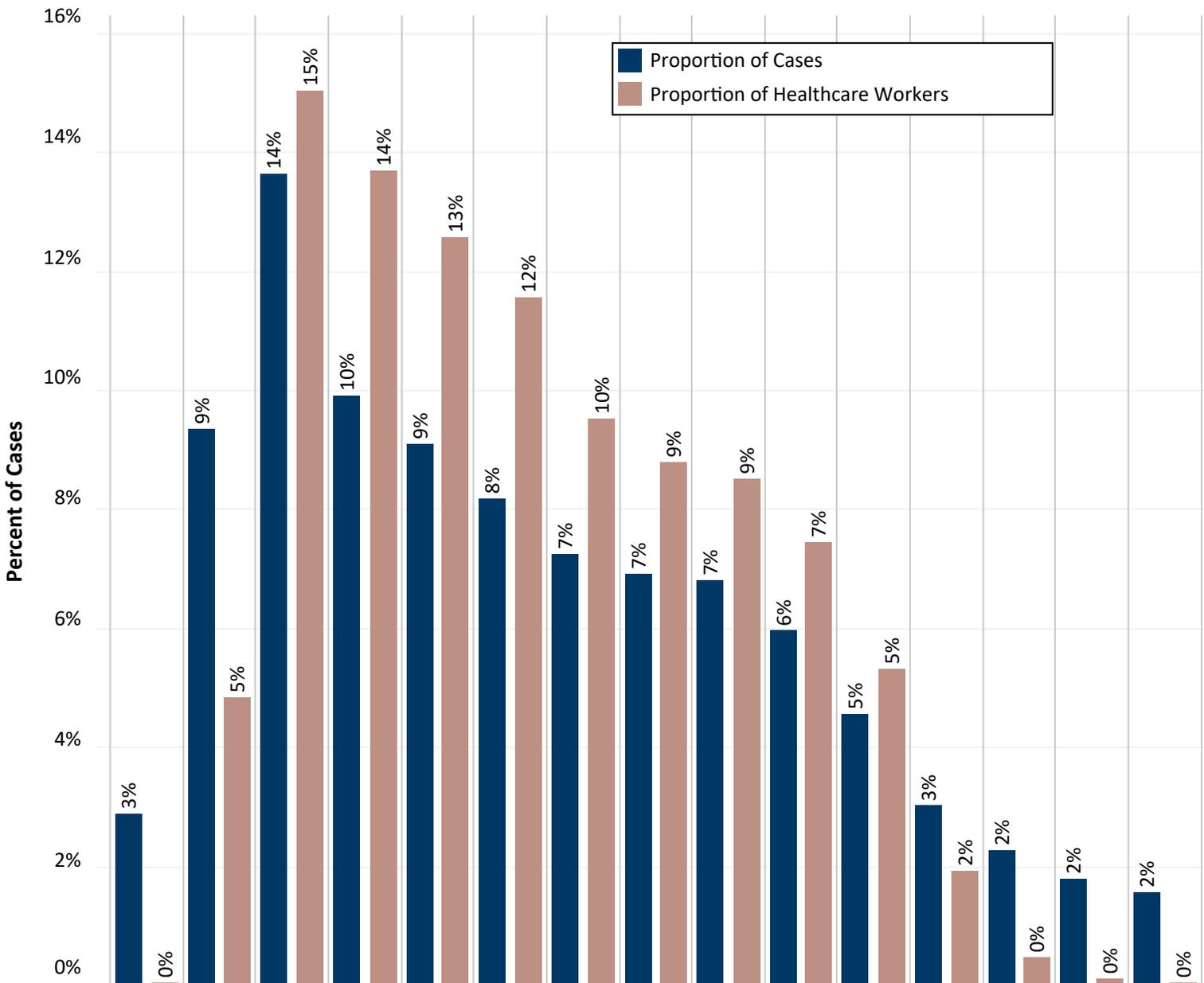
9,344
Total Health Care Workers
(cumulative)

7,594
Health Care Workers Exposed Occupationally
(cumulative)

411
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.

Age Group (in years)	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	Total
All Cases	2,500	8,106	11,828	8,604	7,888	7,088	6,291	5,994	5,896	5,168	3,958	2,632	1,977	1,558	1,362	86,722
Health Care	4	454	1,406	1,280	1,175	1,082	891	822	797	696	497	180	44	11	5	9,344

Potential Exposure in Child Care Settings

Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in th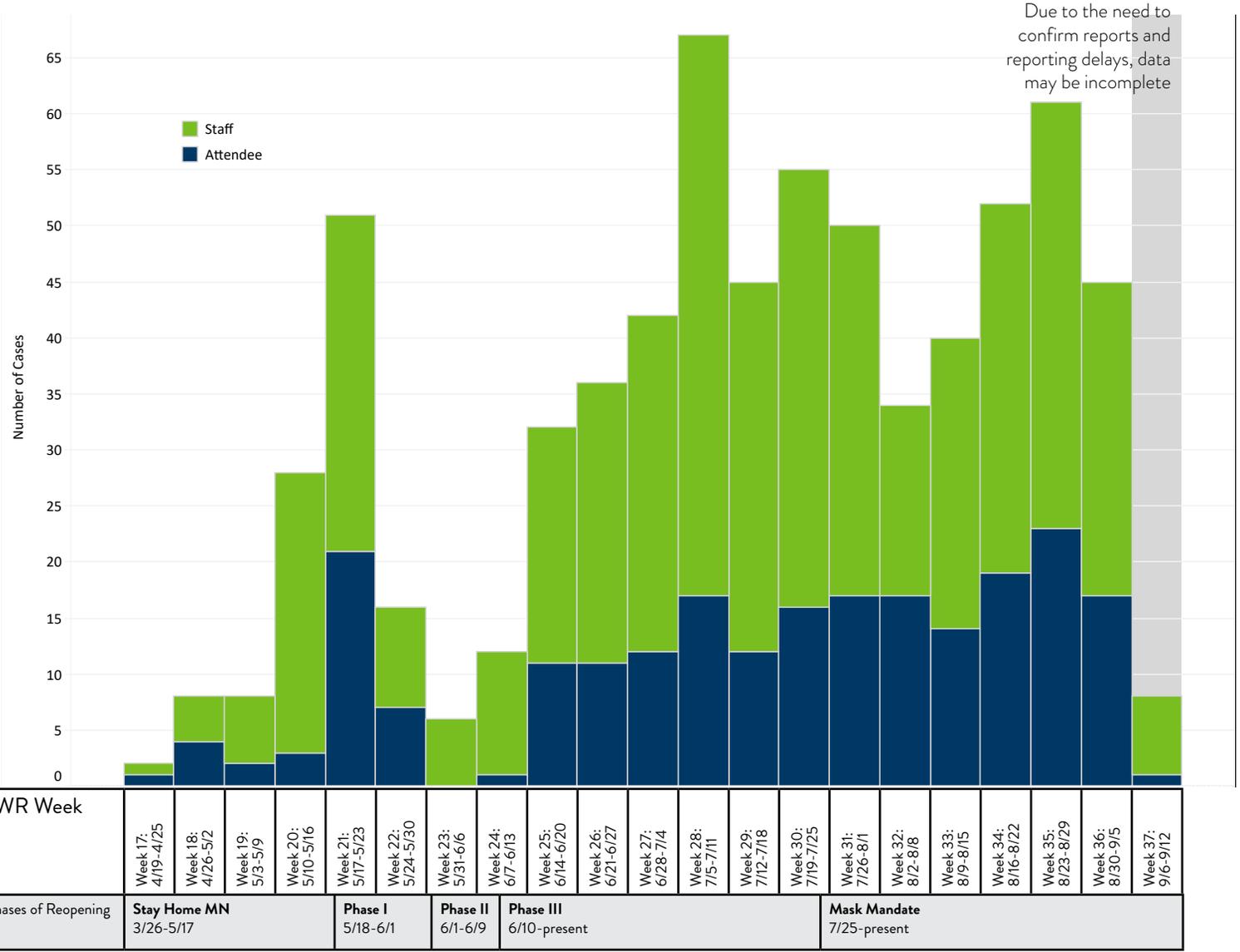e past 28 days. Child care programs included: licensed child care centers, certified centers, summer day camps, and school-age care during peacetime emergency. Does not include in-home child cares.

406
Total Child Care Programs (cumulative)

Confirmed cases per program	Programs	Percent
1 case	270	67%
2-4 cases	111	27%
≥5 cases	25	6%

479
Total Child Care Staff (cumulative)

231
Total Child Care Attendees (cumulative)

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

Legend: Staff, Attendee

MMWR Week: Week 17: 4/19-4/25, Week 18: 4/26-5/2, Week 19: 5/3-5/9, Week 20: 5/10-5/16, Week 21: 5/17-5/23, Week 22: 5/24-5/30, Week 23: 5/31-6/6, Week 24: 6/7-6/13, Week 25: 6/14-6/20, Week 26: 6/21-6/27, Week 27: 6/28-7/4, Week 28: 7/5-7/11, Week 29: 7/12-7/18, Week 30: 7/19-7/25, Week 31: 7/26-8/1, Week 32: 8/2-8/8, Week 33: 8/9-8/15, Week 34: 8/16-8/22, Week 35: 8/23-8/29, Week 36: 8/30-9/5, Week 37: 9/6-9/12

MN Phases of Reopening: **Stay Home MN** 3/26-5/17, **Phase I** 5/18-6/1, **Phase II** 6/1-6/9, **Phase III** 6/10-present, **Mask Mandate** 7/25-present

Minnesota Department of Health Weekly COVID-19 Report: Updated 9/17/2020 with data current as of 4 p.m. the previous day.
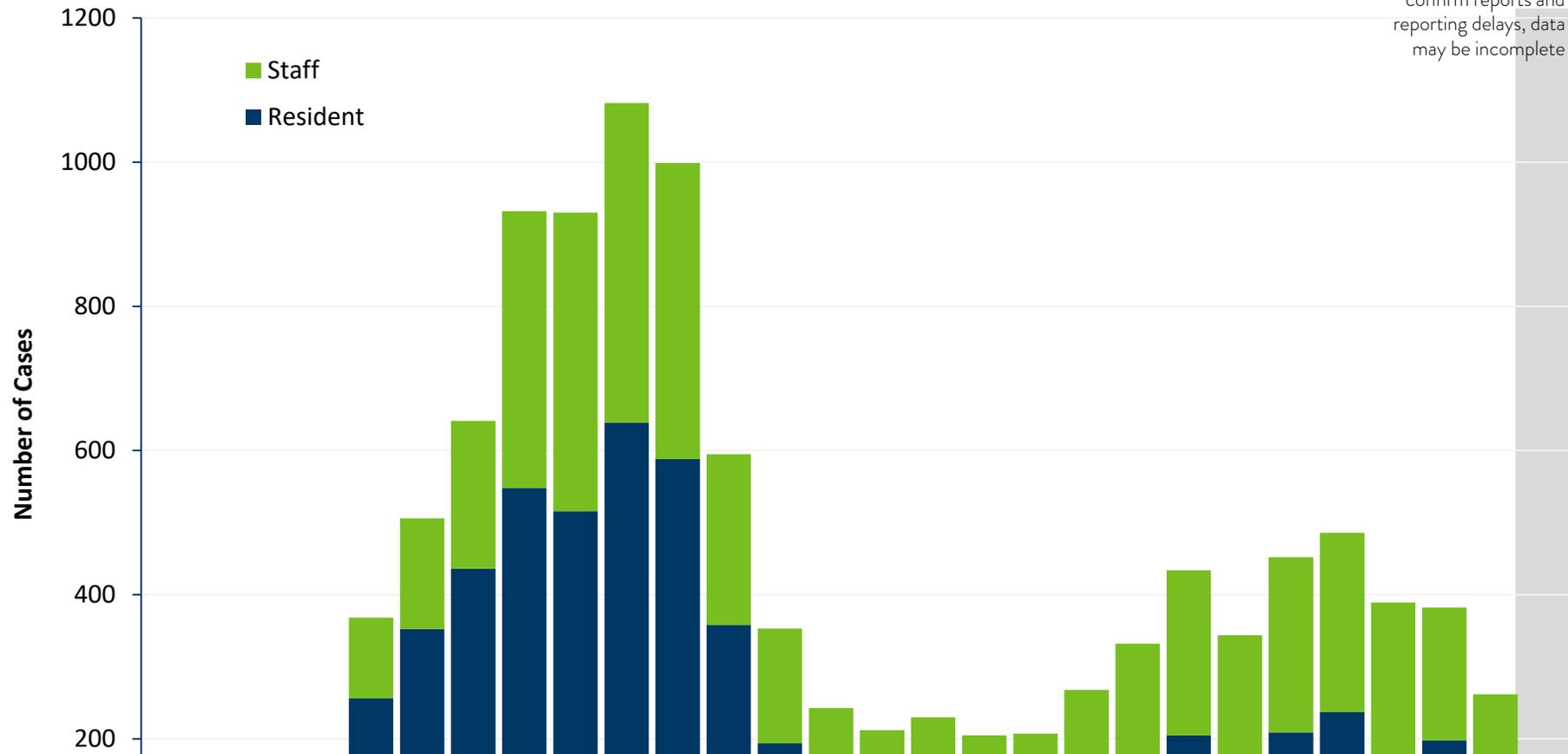
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Cases Associated with Congregate Care Settings

Lab-confirmed cases of COVID-19 associated with staff and residents living in congregate settings by specimen collection date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component.

5,007
Total Congregate Care Staff
(cumulative)

6,068
Total Congregate Care Residents
(cumulative)

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

Number of Cases

- Staff
- Resident

MMWR Week																										
Week 10: 3/1-3/7	Week 11: 3/8-3/14	Week 12: 3/15-3/21	Week 13: 3/22-3/28	Week 14: 3/29-4/4	Week 15: 4/5-4/11	Week 16: 4/12-4/18	Week 17: 4/19-4/25	Week 18: 4/26-5/2	Week 19: 5/3-5/9	Week 20: 5/10-5/16	Week 21: 5/17-5/23	Week 22: 5/24-5/30	Week 23: 5/31-6/6	Week 24: 6/7-6/13	Week 25: 6/14-6/20	Week 26: 6/21-6/27	Week 27: 6/28-7/4	Week 28: 7/5-7/11	Week 29: 7/12-7/18	Week 30: 7/19-7/25	Week 31: 7/26-8/1	Week 32: 8/2-8/8	Week 33: 8/9-8/15	Week 34: 8/16-8/22	Week 35: 8/23-8/29	Week 35: 8/23-8/29

| MN Phases of Reopening | | | | Stay Home MN 3/26-5/17 | | | | | | | Phase I 5/18-6/1 | | Phase II 6/1-6/9 | | Phase III 6/10-present | | | | | | Mask Mandate 7/25-present | | | | | |

Congregate Care Facility Outbreaks

Congregate care facilities with confirmed cases in residents, staff, and visiting providers by specimen date. Congregate care settings include nursing homes, assisted living-type facilities, group homes, and other communal-living settings with a healthcare component.

1,733
Total Congregate Care Facilities (cumulative)

Confirmed cases per facility	Number of facilities
1-2 case	1,034
3-20 cases	575
≥21 cases	124

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

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

- A list of Congregate Care Facilities reporting an exposure in the last 28 days from a case of COVID-19 in a resident, staff person, or visiting provider by county is avaialable in the Minnesota Situation Update for Coronavirus Disease 2019 (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

Response Metrics: Testing and Interview Timing

Median number of days from specimen collection to interview (cumulative): **3**		27% of cases interviewed within 48 hours of case specimen collection (cumulative)

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

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

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

Symptom onset   Specimen collection   Testing   Report to MDH   Interview

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

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

Y-axis: Moving Average of Median Specimen Date to Test Date (0.0 to 3.0)

MMWR Week: Week 12: 3/15–3/21, Week 13: 3/22–3/28, Week 14: 3/29–4/4, Week 15: 4/5–4/11, Week 16: 4/12–4/18, Week 17: 4/19–4/25, Week 18: 4/26–5/2, Week 19: 5/3–5/9, Week 20: 5/10–5/16, Week 21: 5/17–5/23, Week 22: 5/24–5/30, Week 23: 5/31–6/6, Week 24: 6/7–6/13, Week 25: 6/14–6/20, Week 26: 6/21–6/27, Week 27: 6/28–7/4, Week 28: 7/5–7/11, Week 29: 7/12–7/18, Week 30: 7/19–7/25, Week 31: 7/26–8/1, Week 32: 8/2–8/8, Week 33: 8/9–8/15, Week 34: 8/16–8/22, Week 35: 8/23–8/29, Week 36: 8/30–9/5, Week 37: 9/6–9/12, Week 38: 9/13–9/19

Syndromic Surveillance

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

Syndromic surveillance is a type of public health surveillance that uses near real-time data to help identify unusual activity that might need further investigation. These data help public health officials detect, monitor, and respond quickly to local public health threats and events of public health importance. The Minnesota Department of Health is currently using data on COVID-19-related symptoms and chief complaints reported during emergency department and inpatient hospital visits to identify trends. This data can provide an early signal that something is happening in a community with the outbreak even if case counts are not increasing at that time.

Data include emergency-department and inpatient hospital visits for COVID-like illness through September 13, 2020. Categories are based upon discharge diagnosis codes.

Through September 13, 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.

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

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

NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through September 13, 2020. Categories are based upon discharge diagnosis codes. The gray bar indicates a one week lag period in the data.
Through September 13, 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 and payors to more fully represent the state.

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

Syndrome Groups
- CLI or COVID Diagnosis (%)
- CLI: Fever & (Cough or Shortness of Breath) & Neg Influenza-Like Illness (%)
- COVID Diagnosis (%)
- COVID Exposure (%)

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

NOTES: Data include emergency-department and inpatient hospitalizations for COVID-like and influenza-like illness through September 13, 2020. Categories are based upon discharge diagnosis codes. Due to a transition in data sources, the CLI condition and CLI or COVID Diagnosis conditions are reported from week 15 forward. The gray bar indicates a one week lag period in the data.
Through September 13, 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 and payors to more fully represent the state.