STAY SAFE MN

Minnesota Department of Health

# WEEKLY COVID-19 REPORT

10/1/2020

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

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

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

# About Minnesota COVID-19 Data

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

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

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

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

DEPARTMENT OF HEALTH

health.mn.gov/coronavirus

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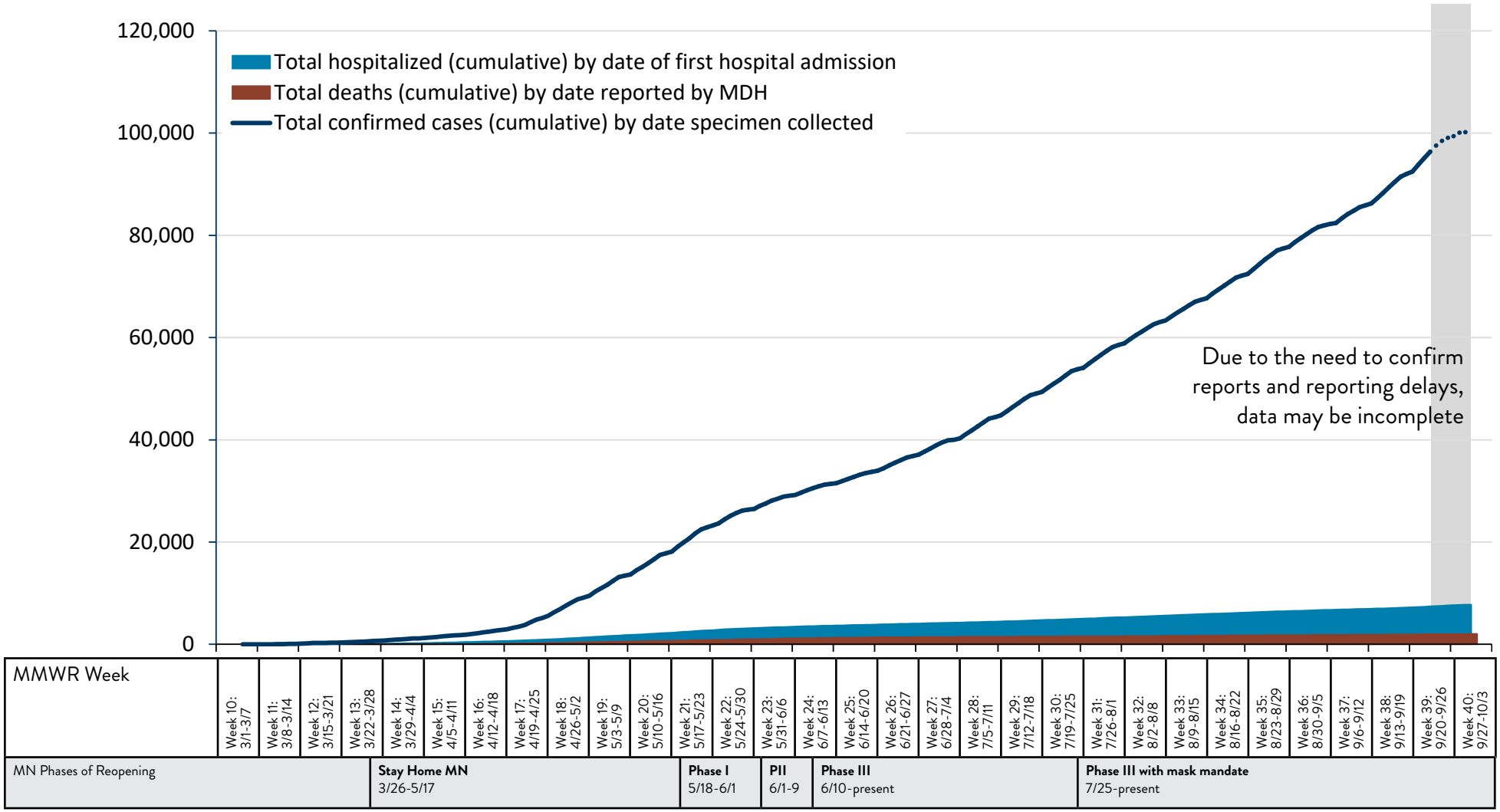
# COVID-19 Overview Summary

| 2,055,888 | 100,200 | 7,758 | 2,148 | 2,049 | 89,980 |
|---|---|---|---|---|---|
| Total Laboratory Tests (cumulative) | Total Confirmed Cases (cumulative) | Total Hospitalizations (cumulative) | Total ICU Hospitalizations (cumulative) | Total Deaths (cumulative) | No Longer Needing Isolation (cumulative) |

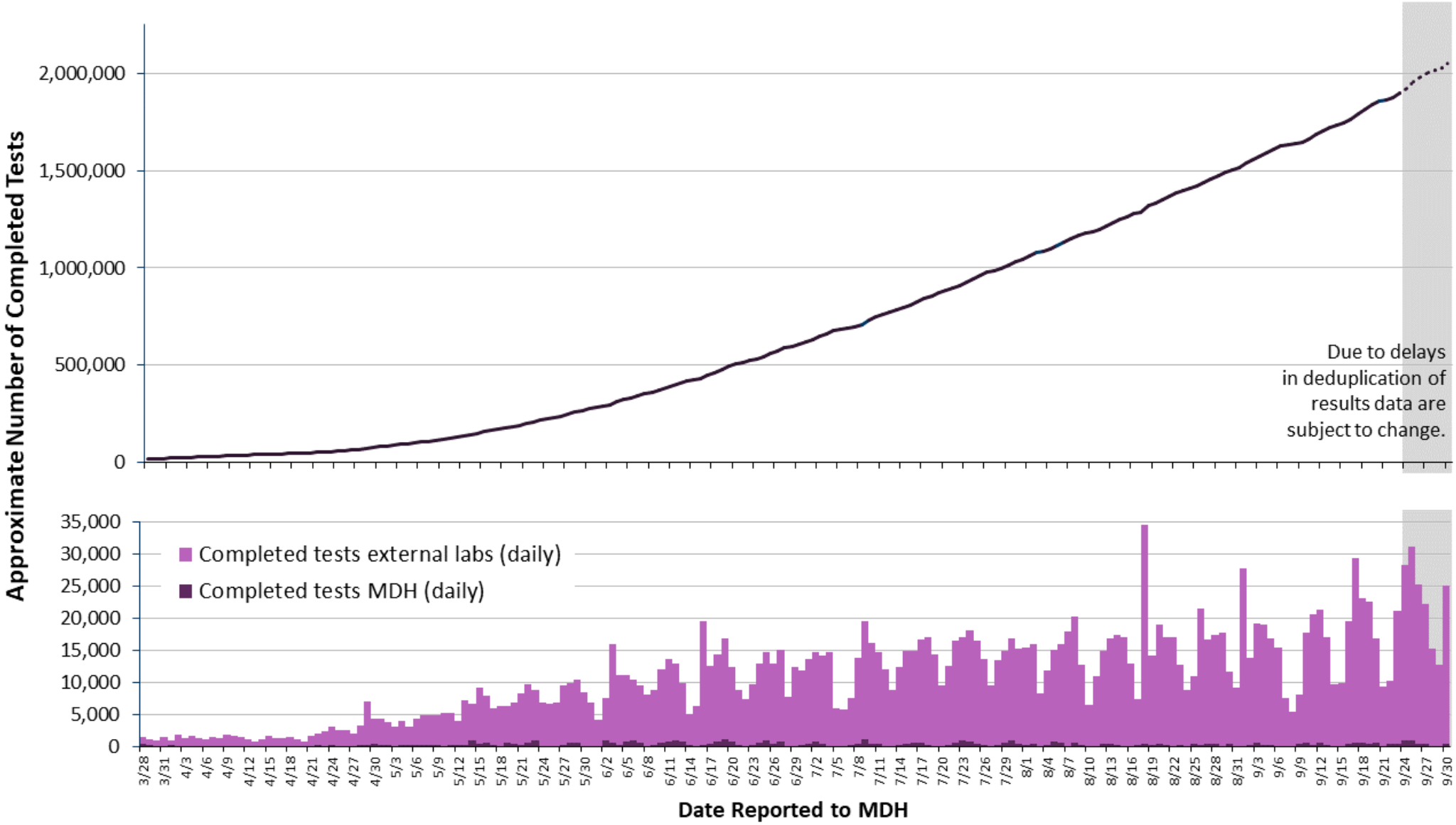



- More information on the MN Phases of Reopening can be found in the Minnesota's Stay Safe Plan (https://mn.gov/covid19/for-minnesotans/stay-safe-mn/stay-safe-plan.jsp)
- Detailed data for this chart is outlined in the following pages. Current data: Minnesota Situation Update for Coronavirus Disease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

# Laboratory Tests for COVID-19

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

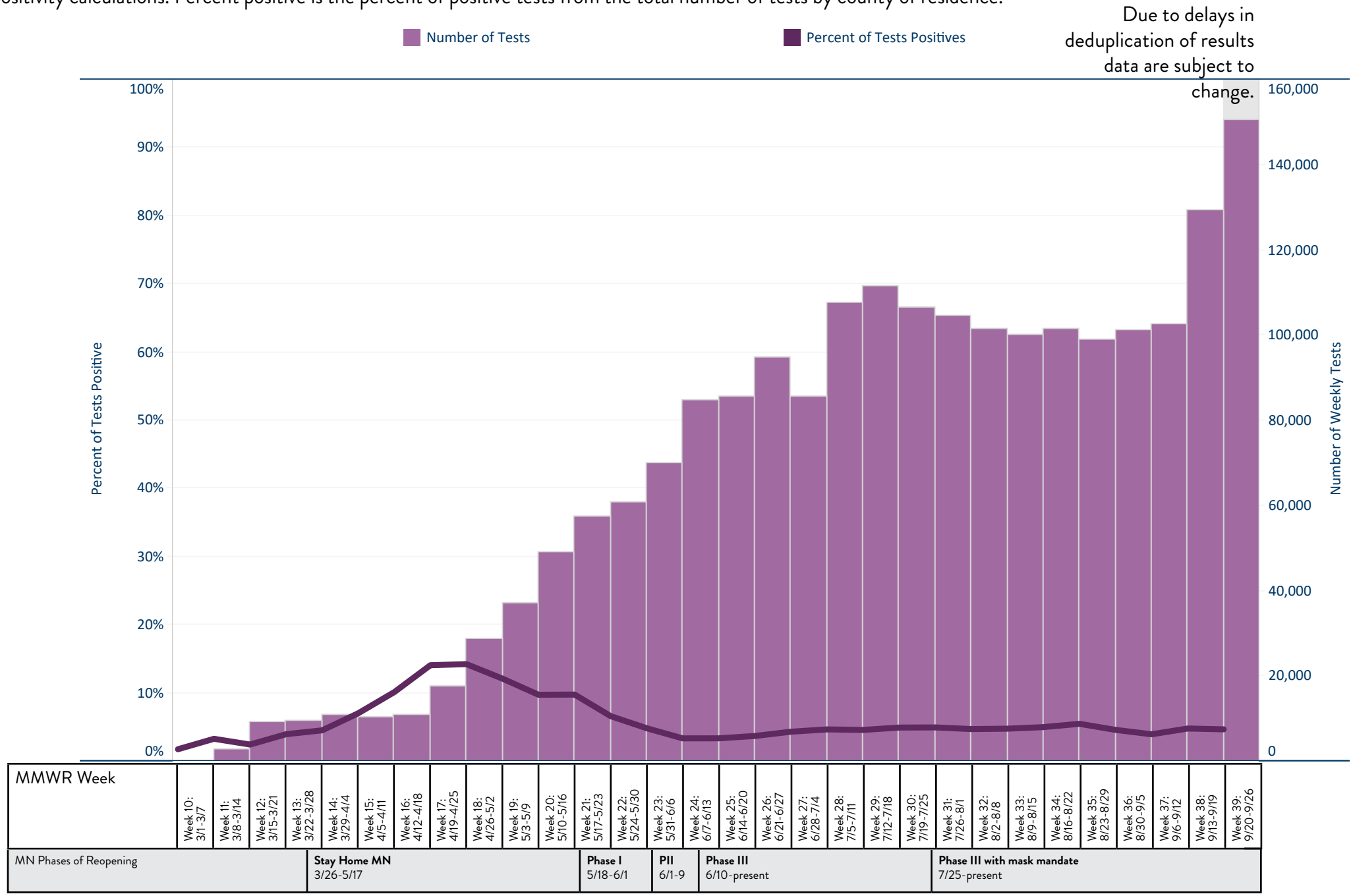
**2,055,888**
Total Laboratory Tests
(cumulative)




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

# Number of Tests and Percent Positive by Week

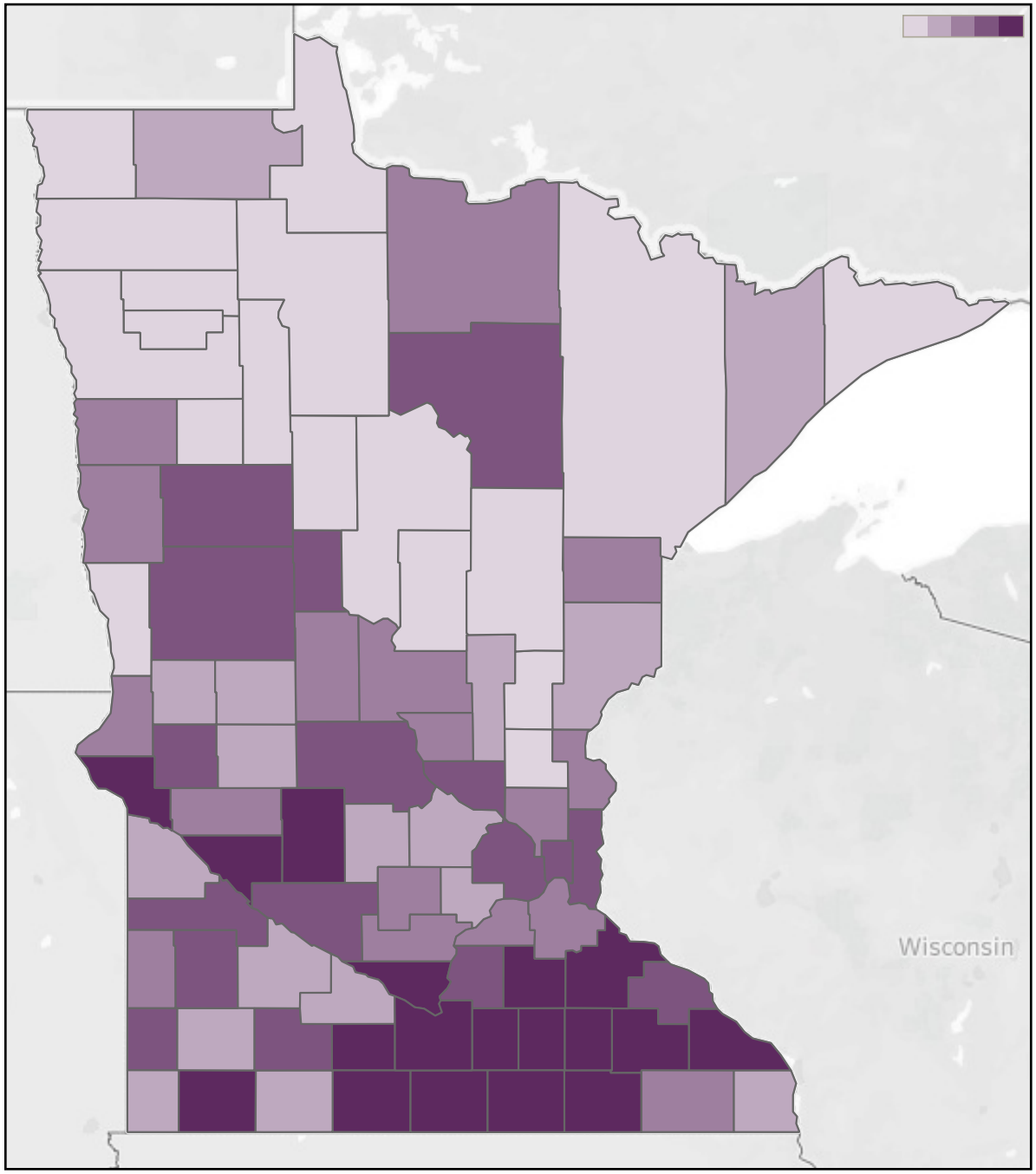
Number of tests and percentage positive by date of laboratory testing. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county of residence.



# Laboratory Test Rates by County of Residence

**3,666**
**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.

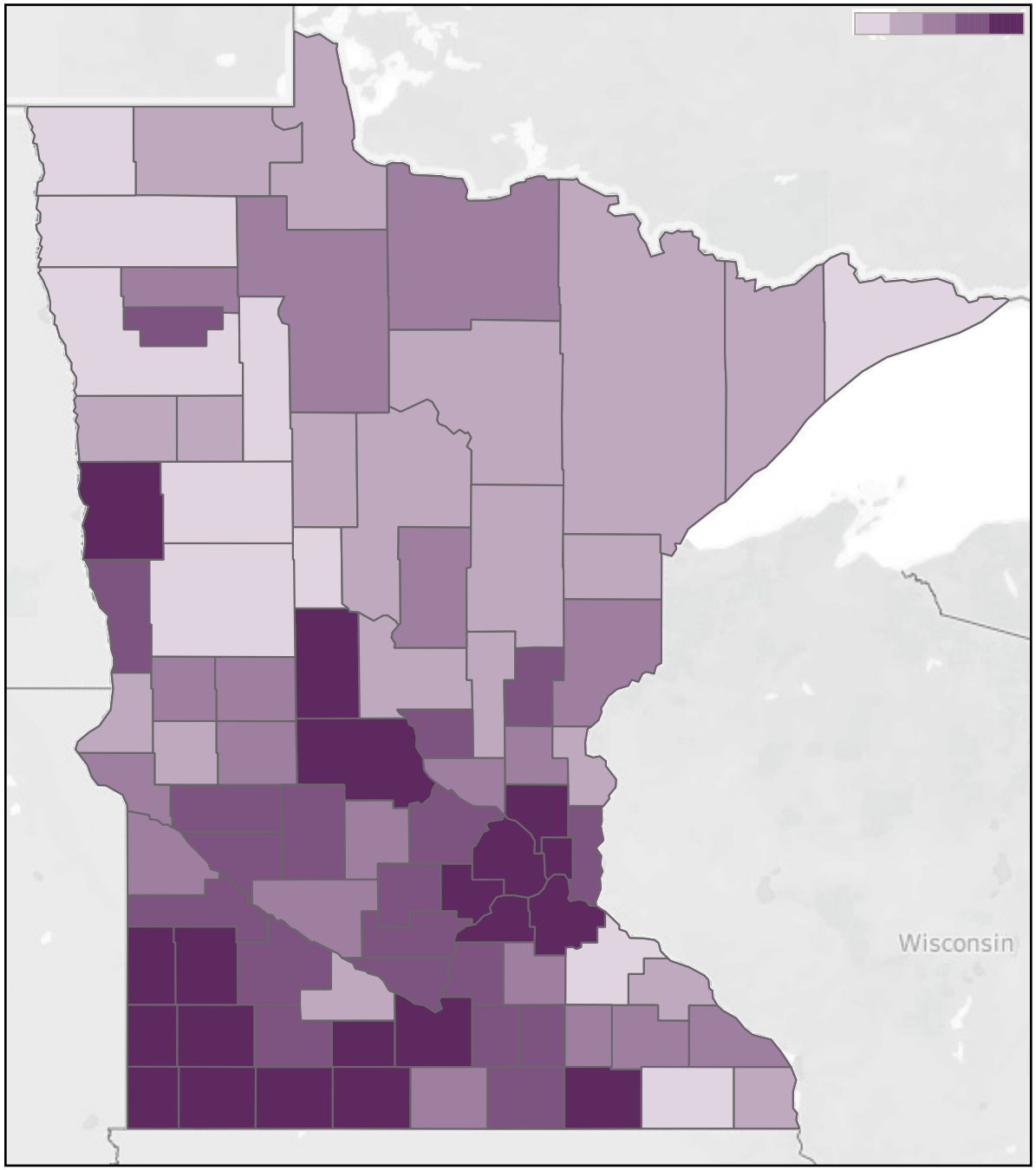



| County | Number of Tests | Cumulative Rate | County | Number of Tests | Cumulative Rate |
|---|---|---|---|---|---|
| Aitkin | 2,946 | 1,861 | Martin | 8,613 | 4,314 |
| Anoka | 106,771 | 3,073 | McLeod | 10,294 | 2,873 |
| Becker | 12,821 | 3,796 | Meeker | 5,704 | 2,472 |
| Beltrami | 10,963 | 2,377 | Mille Lacs | 6,857 | 2,665 |
| Benton | 11,554 | 2,905 | Morrison | 9,404 | 2,854 |
| Big Stone | 2,364 | 4,713 | Mower | 24,422 | 6,167 |
| Blue Earth | 29,564 | 4,458 | Murray | 2,359 | 2,824 |
| Brown | 7,015 | 2,783 | Nicollet | 13,736 | 4,066 |
| Carlton | 11,087 | 3,120 | Nobles | 8,380 | 3,837 |
| Carver | 25,336 | 2,523 | Norman | 2,032 | 3,098 |
| Cass | 6,294 | 2,169 | Olmsted | 72,683 | 4,749 |
| Chippewa | 5,447 | 4,535 | Otter Tail | 20,499 | 3,535 |
| Chisago | 16,579 | 3,029 | Pennington | 3,046 | 2,147 |
| Clay | 18,914 | 3,012 | Pine | 7,148 | 2,454 |
| Clearwater | 1,755 | 1,992 | Pipestone | 3,473 | 3,781 |
| Cook | 1,105 | 2,081 | Polk | 7,344 | 2,325 |
| Cottonwood | 4,103 | 3,608 | Pope | 3,073 | 2,799 |
| Crow Wing | 15,447 | 2,419 | Ramsey | 188,339 | 3,478 |
| Dakota | 129,961 | 3,108 | Red Lake | 821 | 2,048 |
| Dodge | 8,548 | 4,153 | Redwood | 3,914 | 2,553 |
| Douglas | 10,552 | 2,836 | Renville | 4,995 | 3,393 |
| Faribault | 5,546 | 3,991 | Rice | 39,454 | 5,999 |
| Fillmore | 6,786 | 3,249 | Rock | 2,684 | 2,851 |
| Freeborn | 13,298 | 4,356 | Roseau | 4,127 | 2,669 |
| Goodhue | 18,262 | 3,951 | Scott | 44,390 | 3,096 |
| Grant | 1,622 | 2,732 | Sherburne | 35,493 | 3,807 |
| Hennepin | 441,048 | 3,570 | Sibley | 4,660 | 3,125 |
| Houston | 4,623 | 2,477 | St. Louis | 63,470 | 3,172 |
| Hubbard | 4,072 | 1,952 | Stearns | 52,252 | 3,332 |
| Isanti | 8,247 | 2,116 | Steele | 15,270 | 4,163 |
| Itasca | 16,014 | 3,543 | Stevens | 3,697 | 3,779 |
| Jackson | 2,625 | 2,613 | Swift | 3,009 | 3,197 |
| Kanabec | 3,229 | 2,018 | Todd | 7,231 | 2,959 |
| Kandiyohi | 20,525 | 4,812 | Traverse | 1,000 | 2,997 |
| Kittson | 703 | 1,621 | Wabasha | 7,875 | 3,663 |
| Koochiching | 3,692 | 2,920 | Wadena | 4,618 | 3,384 |
| Lac qui Parle | 1,859 | 2,745 | Waseca | 9,643 | 5,127 |
| Lake | 2,630 | 2,488 | Washington | 89,191 | 3,521 |
| Lake of the Woods | 793 | 2,082 | Watonwan | 5,254 | 4,788 |
| Le Sueur | 10,114 | 3,614 | Wilkin | 1,451 | 2,288 |
| Lincoln | 1,797 | 3,149 | Winona | 24,916 | 4,900 |
| Lyon | 8,492 | 3,287 | Wright | 32,888 | 2,478 |
| Mahnomen | 1,343 | 2,439 | Yellow Medicine | 3,527 | 3,574 |
| Marshall | 1,922 | 2,046 | Unknown/missing | 144,561 | |

# Percent of Tests Positive by County of Residence

**5.3%**
**% positive statewide**

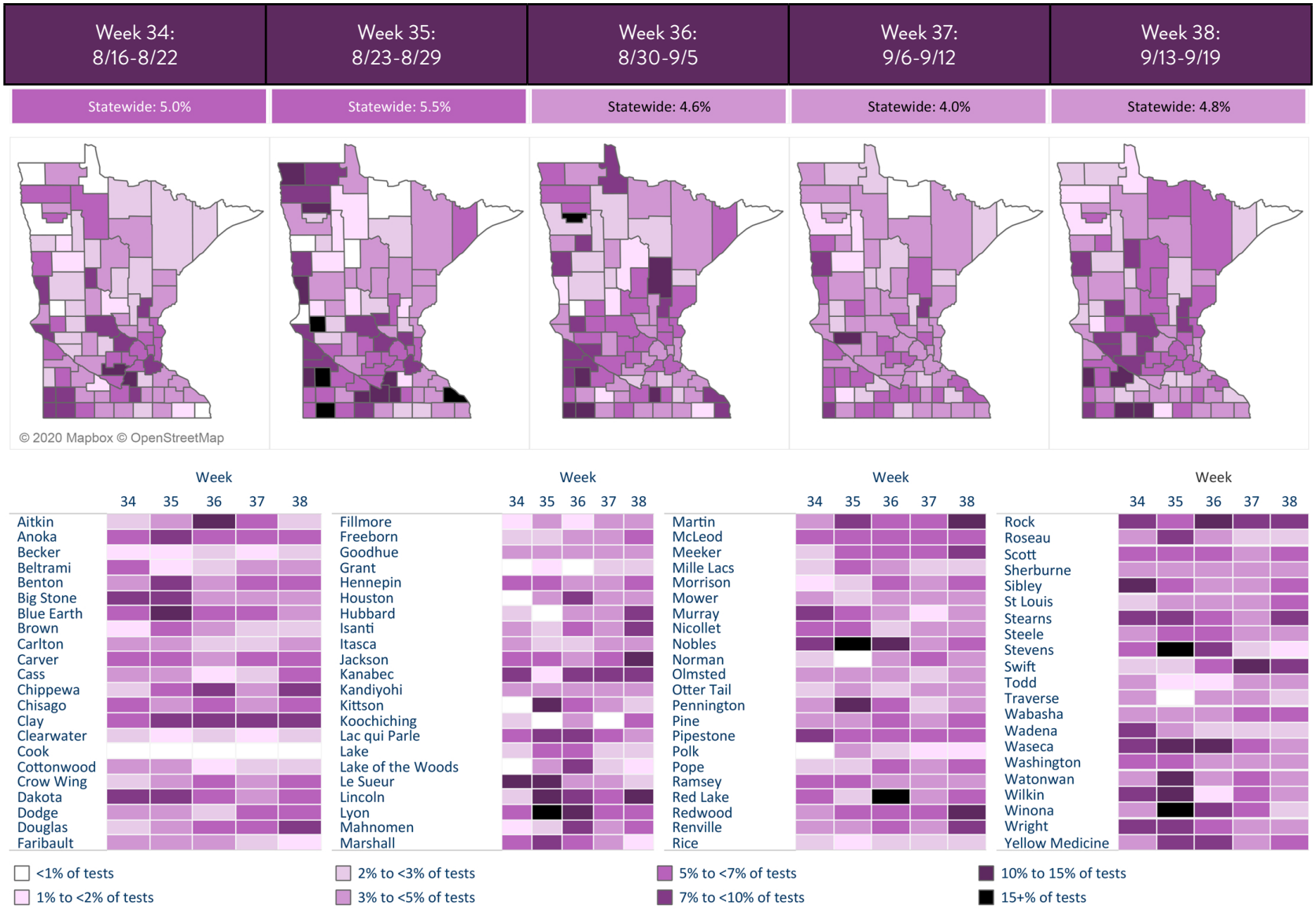
Positive number of tests and positivity calculations include only tests reported by labs that report both positive and negative results. Percent positive is the percent of positive tests from the total number of tests by county of residence.




| County | % Positive | County | % Positive |
|---|---|---|---|
| Aitkin | 2.9% | Martin | 5.9% |
| Anoka | 6.3% | McLeod | 4.6% |
| Becker | 2.1% | Meeker | 4.2% |
| Beltrami | 4.0% | Mille Lacs | 2.7% |
| Benton | 5.3% | Morrison | 3.1% |
| Big Stone | 3.4% | Mower | 6.1% |
| Blue Earth | 5.9% | Murray | 7.6% |
| Brown | 2.9% | Nicollet | 4.5% |
| Carlton | 2.7% | Nobles | 23.6% |
| Carver | 6.2% | Norman | 2.6% |
| Cass | 3.2% | Olmsted | 4.2% |
| Chippewa | 4.5% | Otter Tail | 2.3% |
| Chisago | 3.2% | Pennington | 3.5% |
| Clay | 6.5% | Pine | 3.6% |
| Clearwater | 2.0% | Pipestone | 7.3% |
| Cook | 0.6% | Polk | 2.2% |
| Cottonwood | 5.8% | Pope | 3.4% |
| Crow Wing | 3.7% | Ramsey | 6.6% |
| Dakota | 6.3% | Red Lake | 4.9% |
| Dodge | 3.5% | Redwood | 4.7% |
| Douglas | 3.7% | Renville | 3.8% |
| Faribault | 3.3% | Rice | 3.7% |
| Fillmore | 2.5% | Rock | 6.6% |
| Freeborn | 4.7% | Roseau | 3.3% |
| Goodhue | 2.4% | Scott | 6.2% |
| Grant | 4.2% | Sherburne | 3.9% |
| Hennepin | 6.9% | Sibley | 5.2% |
| Houston | 3.0% | St. Louis | 2.9% |
| Hubbard | 2.6% | Stearns | 7.9% |
| Isanti | 3.9% | Steele | 4.2% |
| Itasca | 2.5% | Stevens | 3.0% |
| Jackson | 6.9% | Swift | 5.1% |
| Kanabec | 4.3% | Todd | 7.7% |
| Kandiyohi | 5.6% | Traverse | 2.9% |
| Kittson | 1.7% | Wabasha | 2.9% |
| Koochiching | 3.6% | Wadena | 1.7% |
| Lac qui Parle | 4.1% | Waseca | 4.9% |
| Lake | 2.6% | Washington | 4.8% |
| Lake of the Woods | 2.6% | Watonwan | 9.8% |
| Le Sueur | 5.4% | Wilkin | 5.0% |
| Lincoln | 6.6% | Winona | 3.3% |
| Lyon | 9.3% | Wright | 5.2% |
| Mahnomen | 2.7% | Yellow Medicine | 5.9% |
| Marshall | 2.4% | Unknown/missing | 0.7% |

# Weekly Percent of Tests Positive by County of Residence

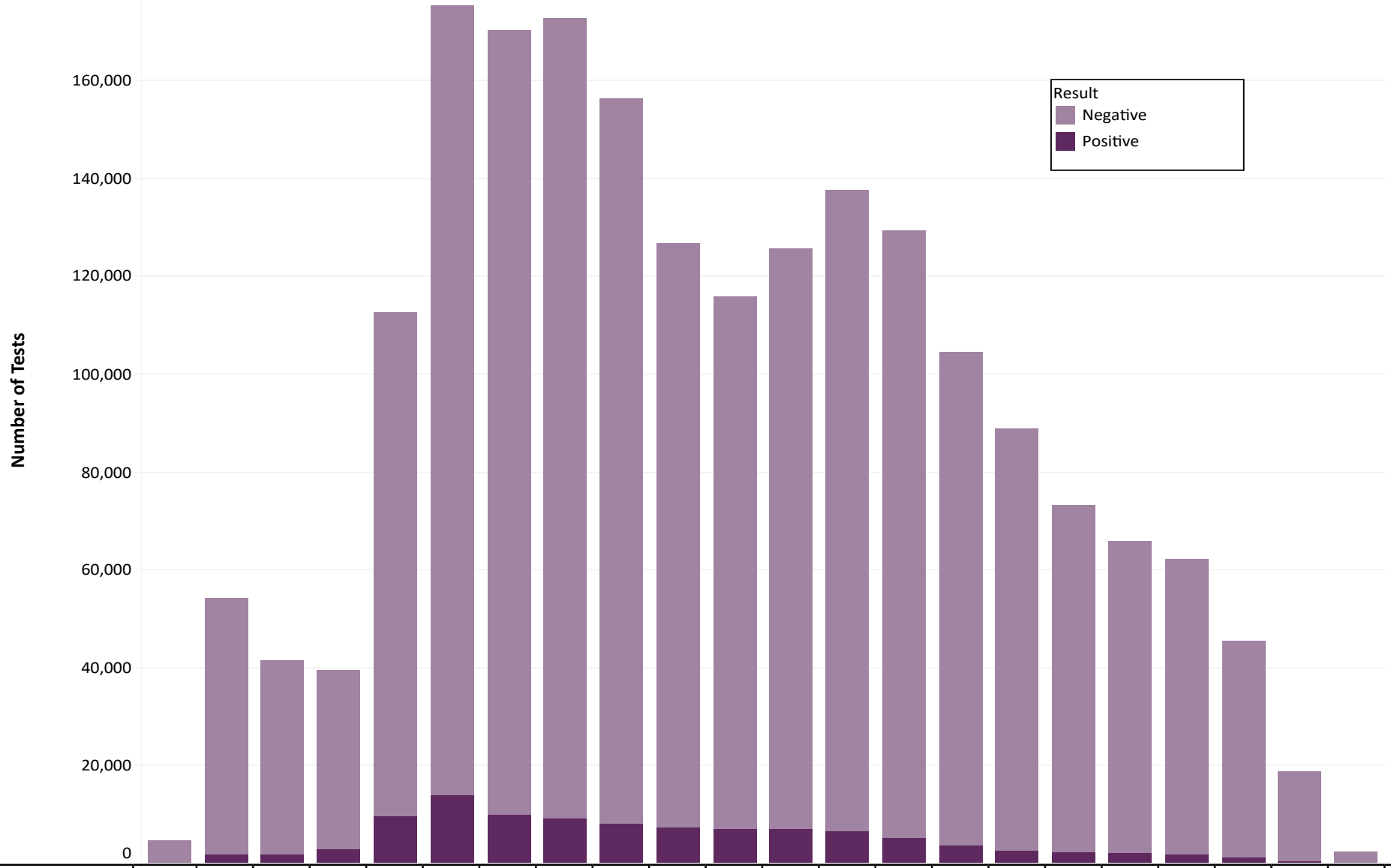
Percent of positive tests by county of residence in Minnesota by week of specimen collection. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations. Percent positive is the percent of positive tests from the total number of tests by county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




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

# Testing Demographics: Age

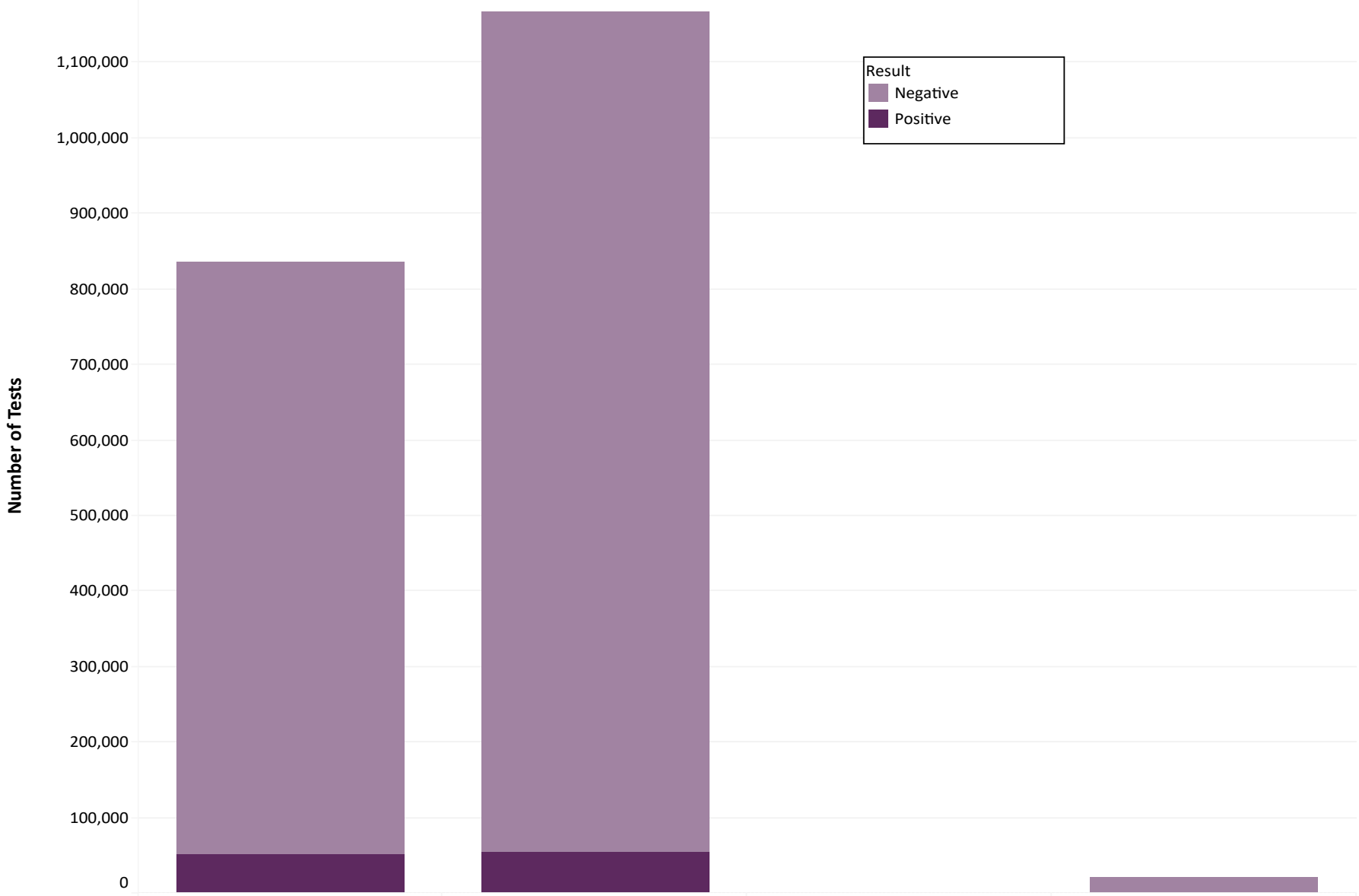
Number of positive and negative tests by age group. Only tests reported by laboratories reporting both positive and negative results are included in positivity calculations, inconclusive test results are not included (inconclusive test results are those that are not clearly positive or negative).




| Age Group (in years) | Unk./ missing | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 | 100+ | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Positive** | 175 | 1,947 | 1,862 | 2,871 | 9,701 | 14,084 | 10,167 | 9,265 | 8,321 | 7,450 | 7,188 | 7,174 | 6,499 | 5,203 | 3,646 | 2,740 | 2,311 | 2,107 | 1,836 | 1,261 | 570 | 52 | 106,430 |
| **Negative** | 4,664 | 52,180 | 39,669 | 36,555 | 102,904 | 161,285 | 160,166 | 163,580 | 147,928 | 119,280 | 108,690 | 118,552 | 131,126 | 124,288 | 100,736 | 86,260 | 71,044 | 63,875 | 60,297 | 44,237 | 18,309 | 2,259 | 1,917,884 |

# 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).

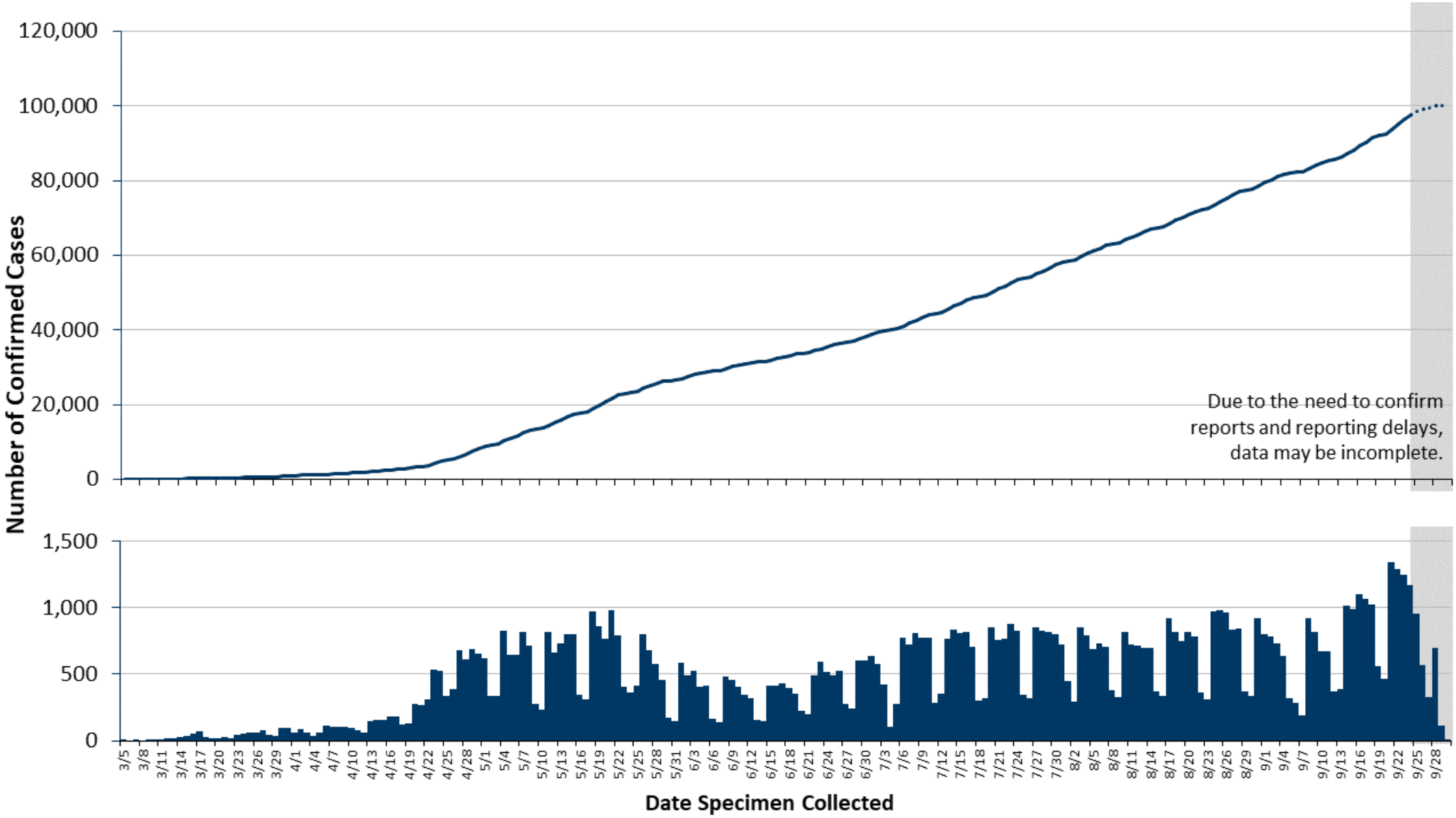



| Gender | Male | Female | Other | Unk./missing | Total |
|---|---|---|---|---|---|
| **Positive** | 50,854 | 54,972 | 2 | 602 | 106,430 |
| **Negative** | 784,705 | 1,112,421 | 1 | 20,757 | 1,917,884 |

# Laboratory Confirmed Cases

**100,200**
Total Confirmed Cases (cumulative)

Confirmed cases are individual people who live in Minnesota that tested positive for COVID-19. Cases are represented by the initial date of positive specimen collection.

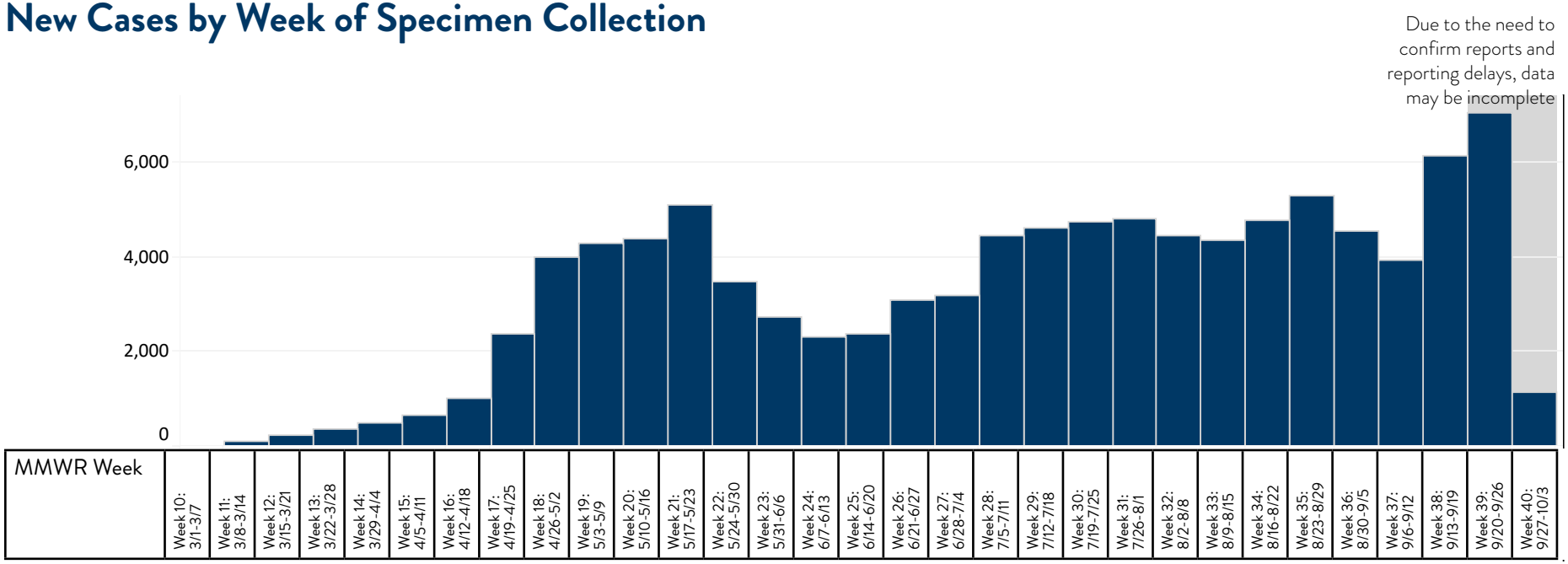



- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

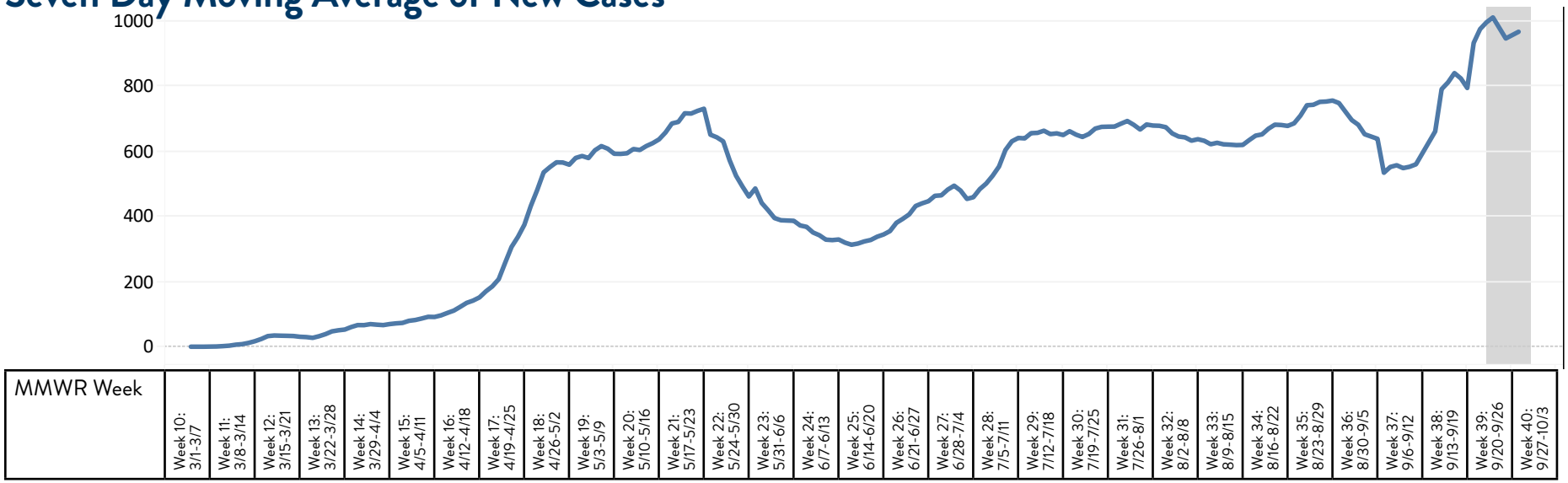
# New Cases by Week, 7-Day Average

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

## New Cases by Week of Specimen Collection

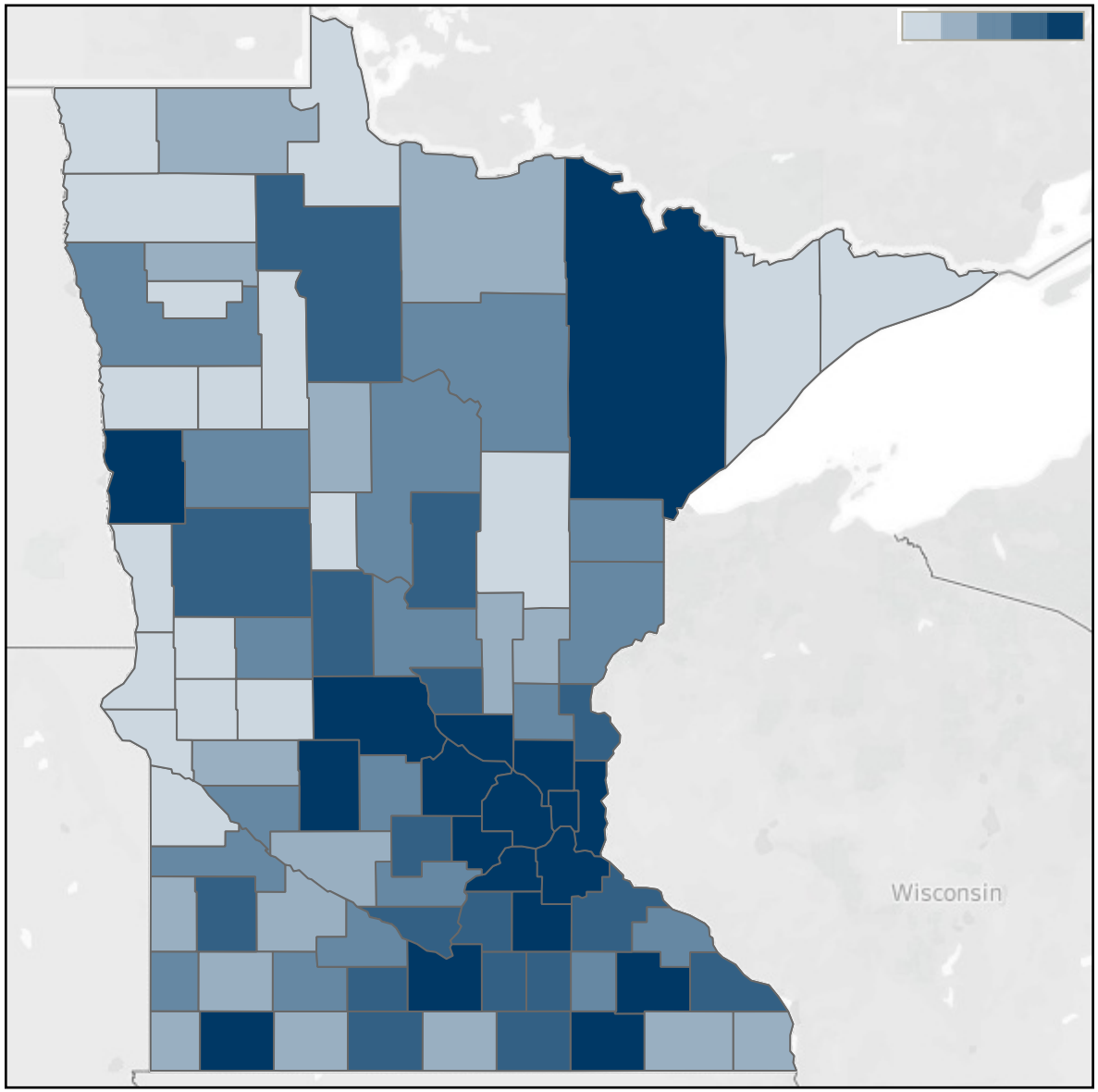



## Seven Day Moving Average of New Cases



# Cases by County of Residence

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




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

**100,200**
**Total Confirmed Cases (cumulative)**

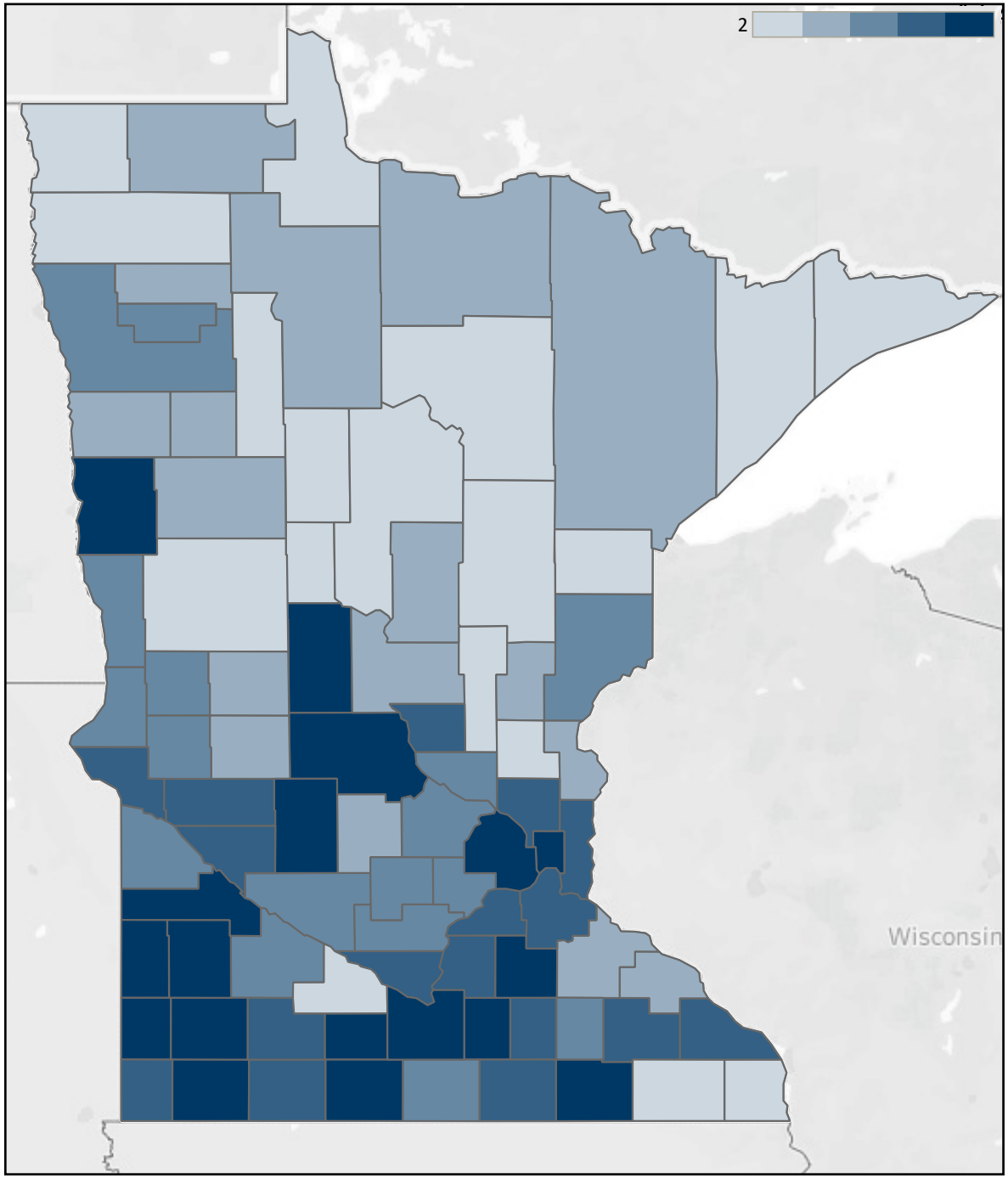
**89,980**
**No Longer Needing Isolation (cumulative)**

| County | Cases | Cases no longer needing isolation | County | Cases | Cases no longer needing isolation |
|---|---|---|---|---|---|
| Aitkin | 91 | 74 | Martin | 471 | 326 |
| Anoka | 6,403 | 5,748 | McLeod | 503 | 461 |
| Becker | 299 | 256 | Meeker | 220 | 189 |
| Beltrami | 490 | 385 | Mille Lacs | 176 | 150 |
| Benton | 579 | 515 | Morrison | 293 | 213 |
| Big Stone | 83 | 71 | Mower | 1,354 | 1,299 |
| Blue Earth | 1,768 | 1,619 | Murray | 182 | 153 |
| Brown | 208 | 179 | Nicollet | 562 | 492 |
| Carlton | 290 | 248 | Nobles | 1,985 | 1,927 |
| Carver | 1,459 | 1,368 | Norman | 60 | 53 |
| Cass | 202 | 139 | Olmsted | 2,588 | 2,290 |
| Chippewa | 242 | 203 | Otter Tail | 479 | 405 |
| Chisago | 536 | 465 | Pennington | 120 | 112 |
| Clay | 1,480 | 1,283 | Pine | 366 | 293 |
| Clearwater | 34 | 27 | Pipestone | 249 | 201 |
| Cook | 7 | 6 | Polk | 337 | 290 |
| Cottonwood | 230 | 222 | Pope | 103 | 90 |
| Crow Wing | 581 | 435 | Ramsey | 11,278 | 10,329 |
| Dakota | 7,771 | 7,162 | Red Lake | 45 | 39 |
| Dodge | 271 | 205 | Redwood | 187 | 146 |
| Douglas | 382 | 265 | Renville | 167 | 131 |
| Faribault | 153 | 132 | Rice | 1,364 | 1,306 |
| Fillmore | 141 | 110 | Rock | 186 | 162 |
| Freeborn | 554 | 520 | Roseau | 133 | 122 |
| Goodhue | 396 | 324 | Scott | 2,681 | 2,446 |
| Grant | 65 | 55 | Sherburne | 1,208 | 1,104 |
| Hennepin | 27,873 | 25,401 | Sibley | 204 | 182 |
| Houston | 136 | 117 | St. Louis | 1,800 | 1,411 |
| Hubbard | 137 | 90 | Stearns | 4,178 | 3,857 |
| Isanti | 326 | 269 | Steele | 567 | 522 |
| Itasca | 366 | 279 | Stevens | 112 | 92 |
| Jackson | 157 | 136 | Swift | 147 | 123 |
| Kanabec | 136 | 108 | Todd | 514 | 482 |
| Kandiyohi | 1,071 | 941 | Traverse | 36 | 29 |
| Kittson | 12 | 12 | Wabasha | 214 | 181 |
| Koochiching | 123 | 112 | Wadena | 74 | 67 |
| Lac qui Parle | 76 | 47 | Waseca | 768 | 529 |
| Lake | 61 | 56 | Washington | 3,989 | 3,601 |
| Lake of the Woods | 24 | 20 | Watonwan | 535 | 504 |
| Le Sueur | 483 | 443 | Wilkin | 75 | 56 |
| Lincoln | 118 | 106 | Winona | 933 | 838 |
| Lyon | 743 | 658 | Wright | 1,730 | 1,556 |
| Mahnomen | 50 | 45 | Yellow Medicine | 203 | 165 |
| Marshall | 54 | 49 | Unknown/missing | 163 | 151 |

# Cumulative Case Rate by County of Residence

**181**
cases per 10,000 people

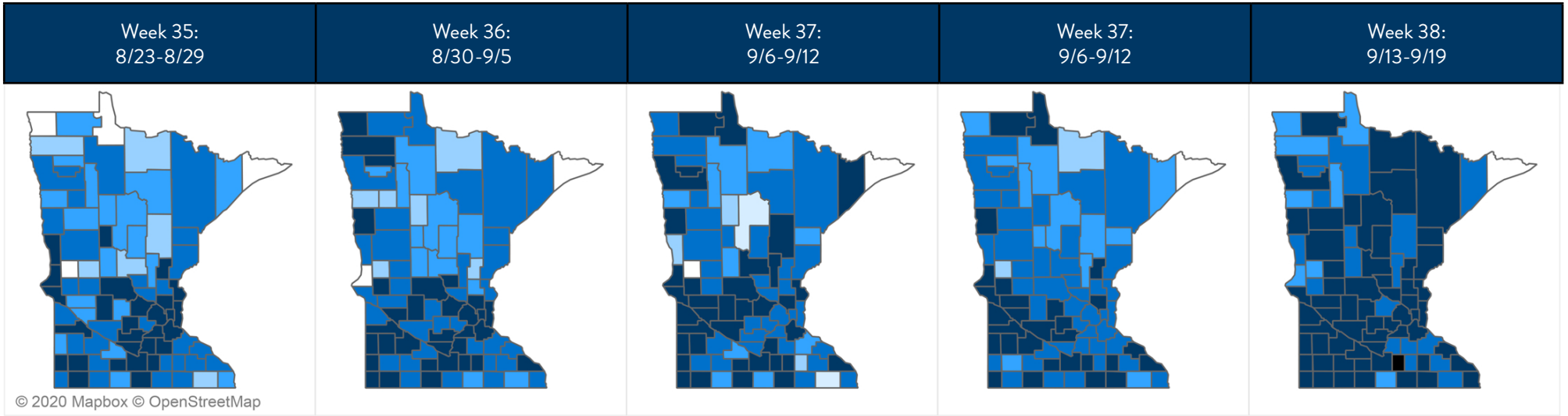
Cumulative number of cases by county of residence per 10,000 people.

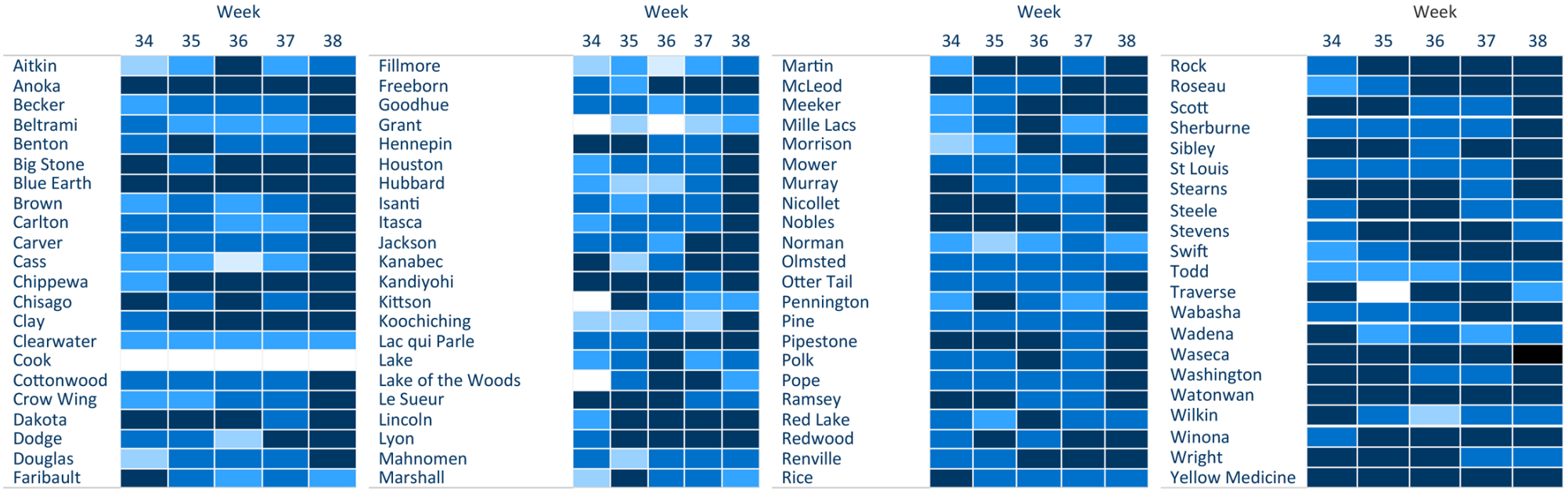



| County | Cumulative Rate | County | Cumulative Rate |
|---|---|---|---|
| Aitkin | 57 | Martin | 236 |
| Anoka | 184 | McLeod | 140 |
| Becker | 89 | Meeker | 95 |
| Beltrami | 106 | Mille Lacs | 68 |
| Benton | 146 | Morrison | 89 |
| Big Stone | 165 | Mower | 342 |
| Blue Earth | 267 | Murray | 218 |
| Brown | 83 | Nicollet | 166 |
| Carlton | 82 | Nobles | 909 |
| Carver | 145 | Norman | 91 |
| Cass | 70 | Olmsted | 169 |
| Chippewa | 201 | Otter Tail | 83 |
| Chisago | 98 | Pennington | 85 |
| Clay | 236 | Pine | 126 |
| Clearwater | 39 | Pipestone | 271 |
| Cook | 13 | Polk | 107 |
| Cottonwood | 202 | Pope | 94 |
| Crow Wing | 91 | Ramsey | 208 |
| Dakota | 186 | Red Lake | 112 |
| Dodge | 132 | Redwood | 122 |
| Douglas | 103 | Renville | 113 |
| Faribault | 110 | Rice | 207 |
| Fillmore | 68 | Rock | 198 |
| Freeborn | 181 | Roseau | 86 |
| Goodhue | 86 | Scott | 187 |
| Grant | 109 | Sherburne | 130 |
| Hennepin | 226 | Sibley | 137 |
| Houston | 73 | St. Louis | 90 |
| Hubbard | 66 | Stearns | 266 |
| Isanti | 84 | Steele | 155 |
| Itasca | 81 | Stevens | 114 |
| Jackson | 156 | Swift | 156 |
| Kanabec | 85 | Todd | 210 |
| Kandiyohi | 251 | Traverse | 108 |
| Kittson | 28 | Wabasha | 100 |
| Koochiching | 97 | Wadena | 54 |
| Lac qui Parle | 112 | Waseca | 408 |
| Lake | 58 | Washington | 157 |
| Lake of the Woods | 63 | Watonwan | 488 |
| Le Sueur | 173 | Wilkin | 118 |
| Lincoln | 207 | Winona | 183 |
| Lyon | 288 | Wright | 130 |
| Mahnomen | 91 | Yellow Medicine | 206 |
| Marshall | 57 | | |

# Weekly Case Rate by County of Residence

Number of cases by county of residence in Minnesota per 10,000 people by week of specimen collection.



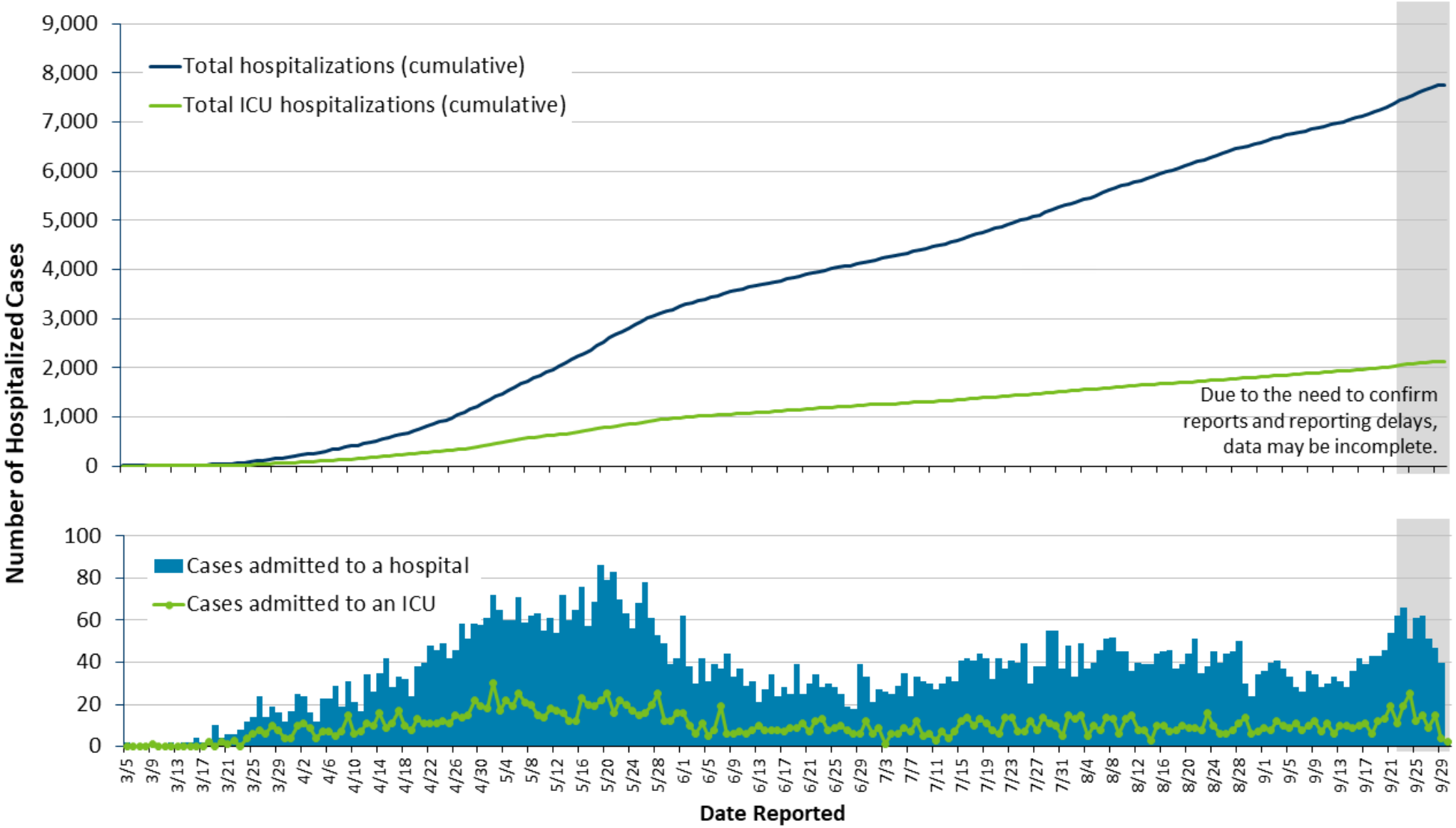




- Downloadable CSV file of current data for these maps is provided at: Minnesota COVID-19 Weekly Report (https://www.health.state.mn.us/diseases/coronavirus/stats/index.html)

# Hospitalizations, ICU Hospitalizations

**7,758**
Total Hospitalizations (cumulative)

**2,148**
Total ICU Hospitalizations (cumulative)

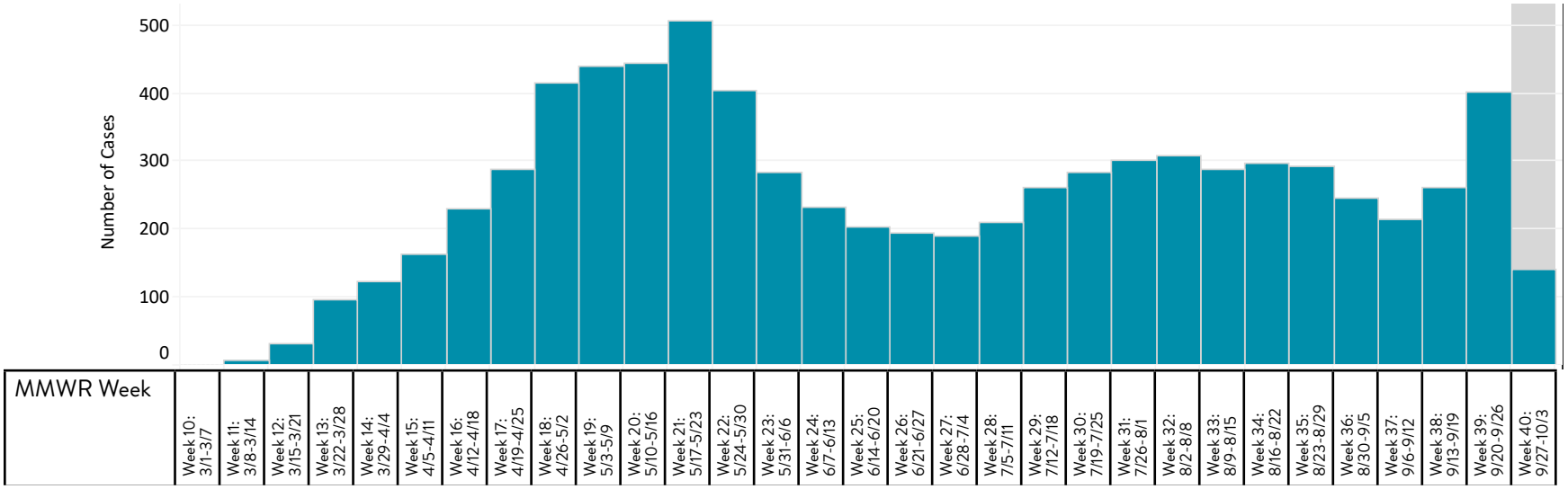



- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

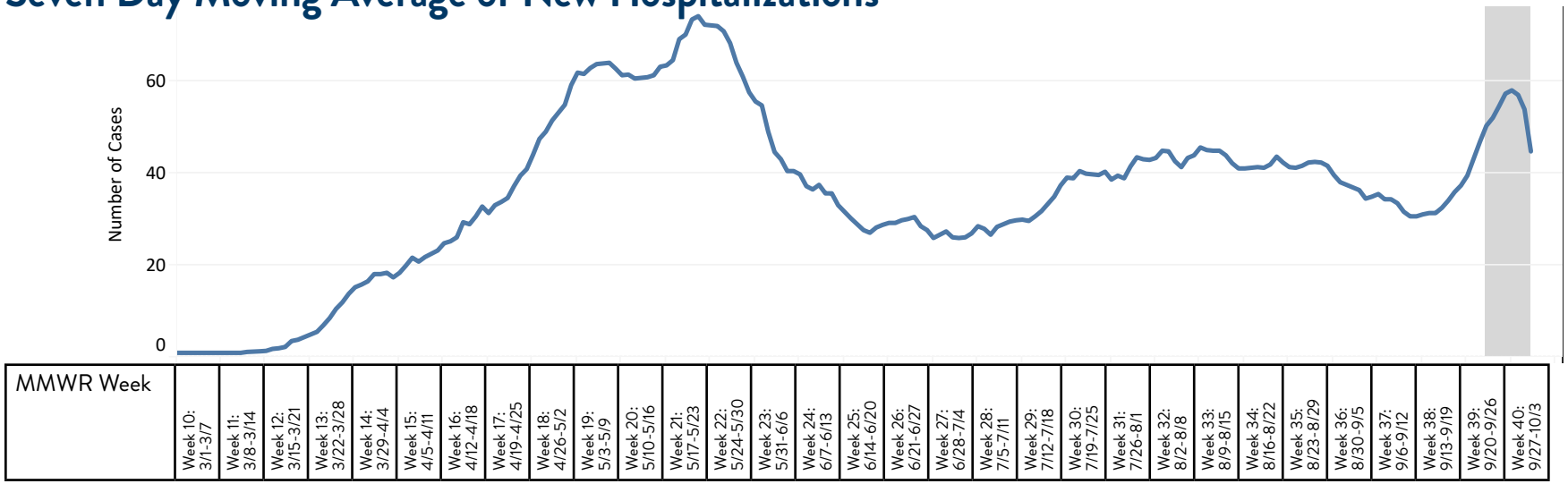
# Hospitalizations by Week, 7-Day Average

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

## New Hospitalization by Week First Hospital Admission



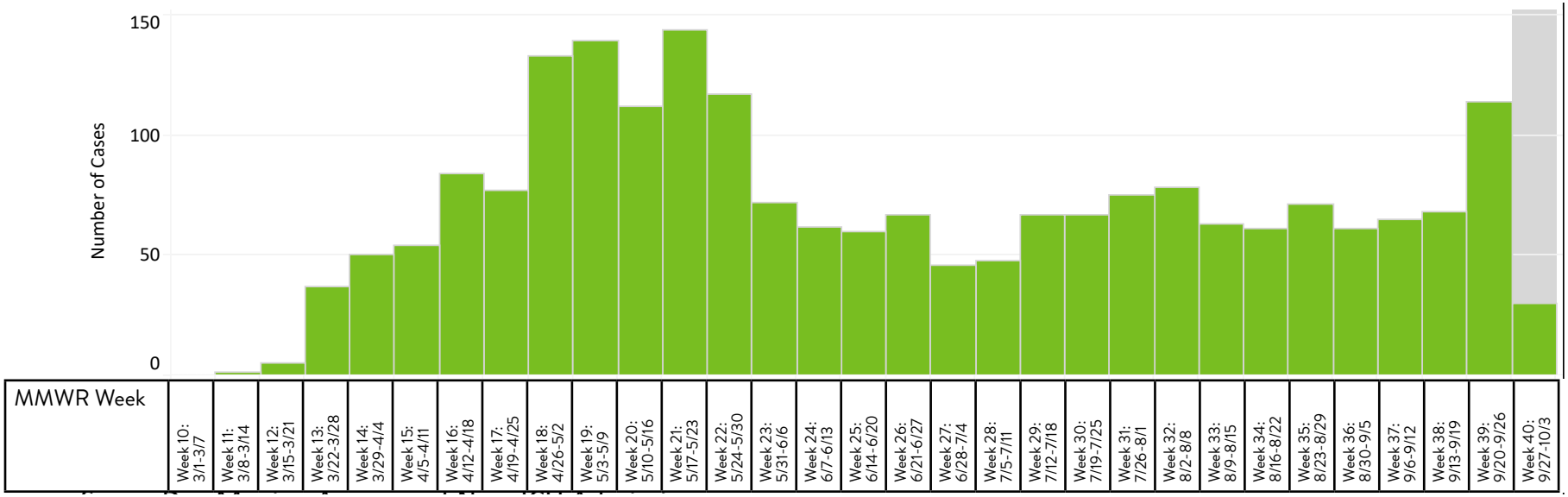

## Seven Day Moving Average of New Hospitalizations



# ICU Hospitalizations by Week, 7-Day Average

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

## New ICU Hospitalizations by Week of First ICU Hospital Admission

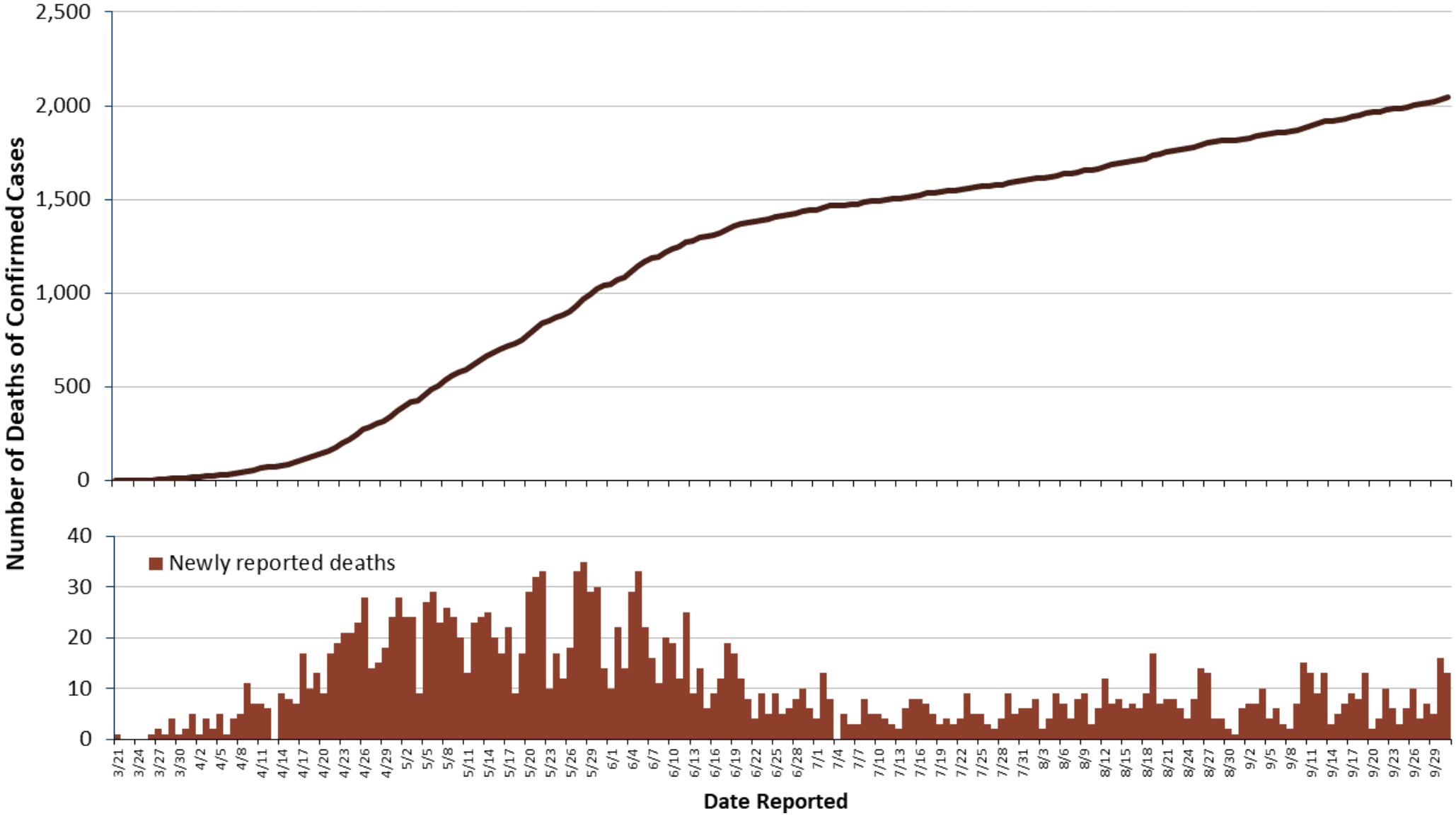



## Seven Day Moving Average of New ICU Hospitalizations

# Deaths

**2,049**
Total Deaths
(cumulative)

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

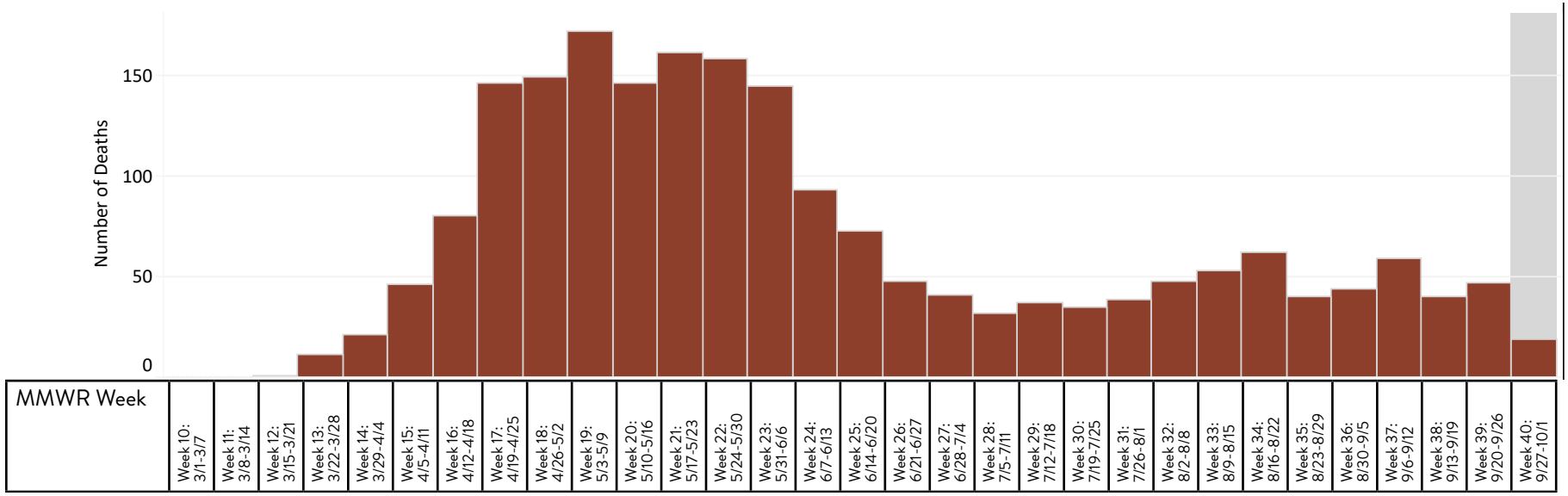



- Tables of current data: Minnesota Situation Update for Coronavirus Disease 2019 (COVID-19) (https://www.health.state.mn.us/diseases/coronavirus/situation.html)

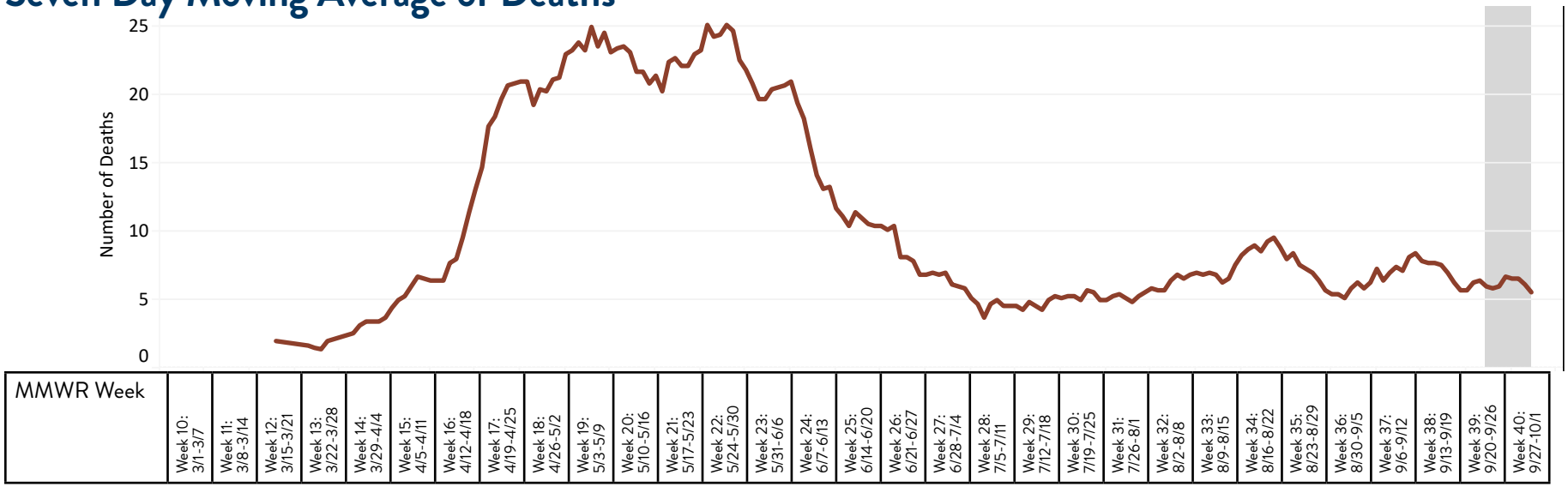
# Deaths by Week, 7-Day Average

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

## Deaths by Week of Death



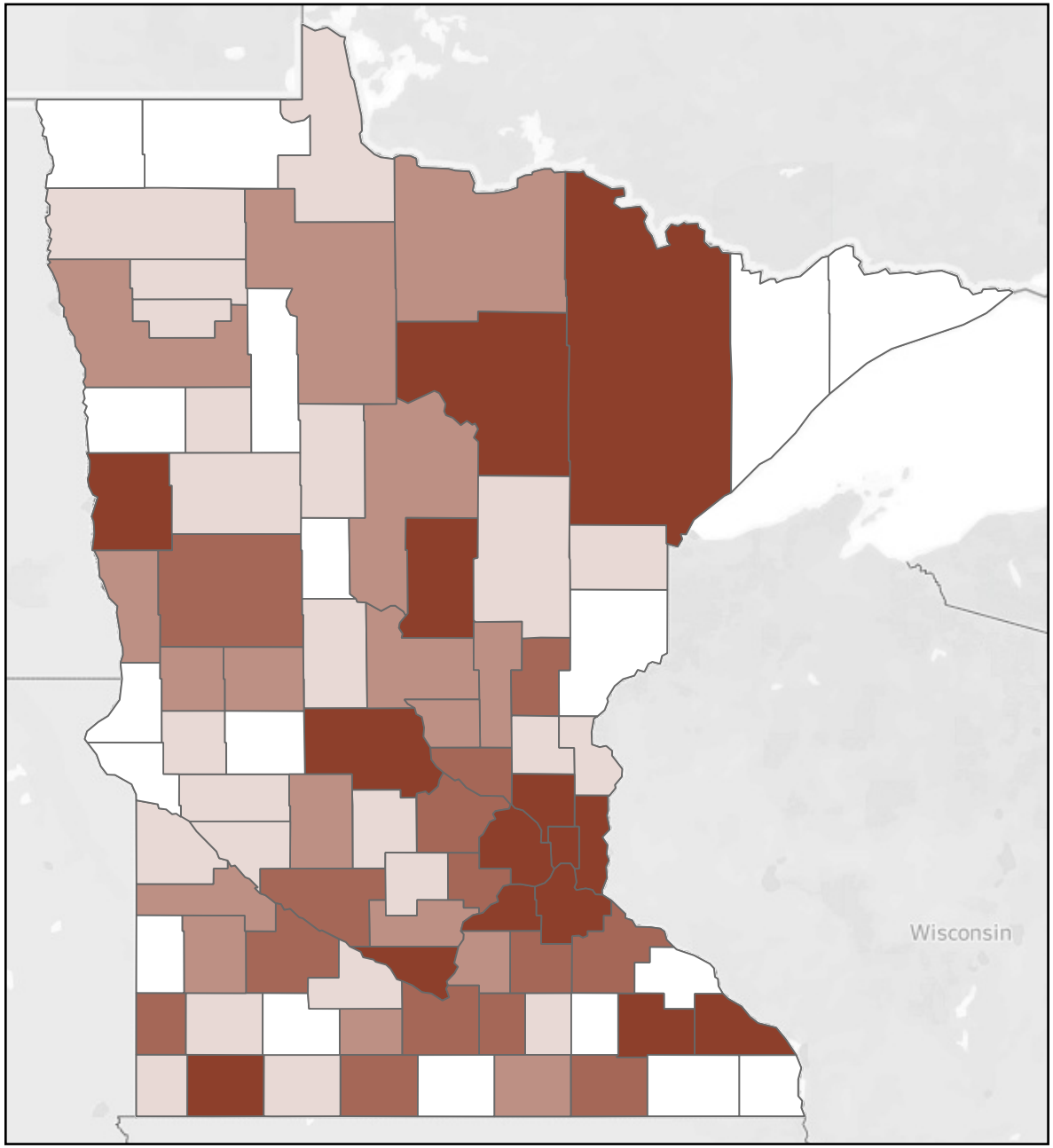

## Seven Day Moving Average of Deaths



# Deaths by County of Residence

**2,049**
**Total Deaths (cumulative)**

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



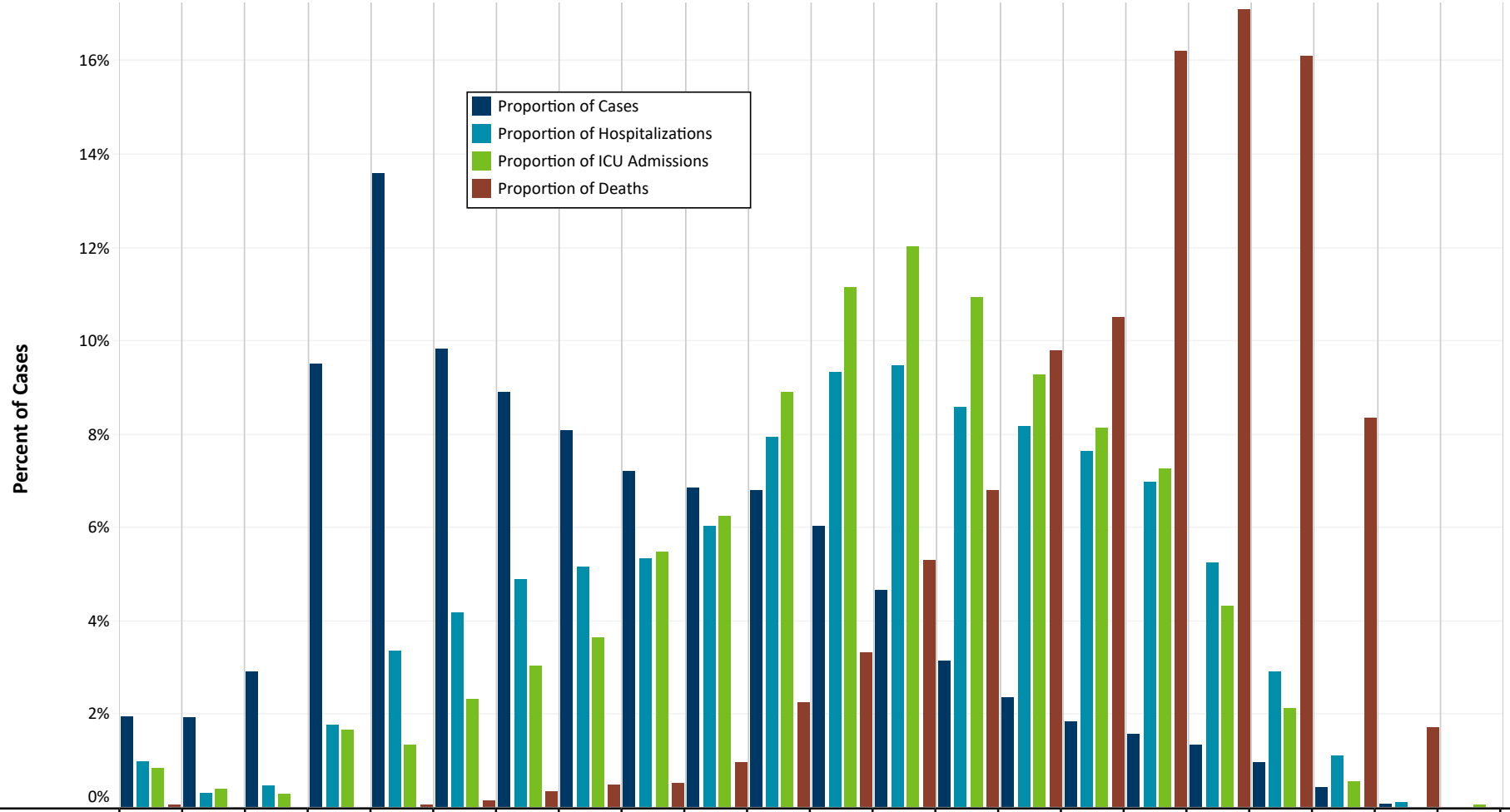

| County | Deaths | County | Deaths |
|---|---|---|---|
| Aitkin | 1 | Martin | 11 |
| Anoka | 138 | McLeod | 2 |
| Becker | 2 | Meeker | 2 |
| Beltrami | 5 | Mille Lacs | 3 |
| Benton | 3 | Morrison | 3 |
| Big Stone | 0 | Mower | 6 |
| Blue Earth | 7 | Murray | 2 |
| Brown | 2 | Nicollet | 17 |
| Carlton | 1 | Nobles | 16 |
| Carver | 7 | Norman | 0 |
| Cass | 4 | Olmsted | 28 |
| Chippewa | 1 | Otter Tail | 6 |
| Chisago | 1 | Pennington | 1 |
| Clay | 41 | Pine | 0 |
| Clearwater | 0 | Pipestone | 12 |
| Cook | 0 | Polk | 4 |
| Cottonwood | 0 | Pope | 0 |
| Crow Wing | 18 | Ramsey | 326 |
| Dakota | 127 | Red Lake | 1 |
| Dodge | 0 | Redwood | 6 |
| Douglas | 3 | Renville | 8 |
| Faribault | 0 | Rice | 8 |
| Fillmore | 0 | Rock | 1 |
| Freeborn | 4 | Roseau | 0 |
| Goodhue | 9 | Scott | 33 |
| Grant | 4 | Sherburne | 15 |
| Hennepin | 937 | Sibley | 3 |
| Houston | 0 | St. Louis | 43 |
| Hubbard | 1 | Stearns | 25 |
| Isanti | 1 | Steele | 2 |
| Itasca | 16 | Stevens | 1 |
| Jackson | 1 | Swift | 1 |
| Kanabec | 8 | Todd | 2 |
| Kandiyohi | 3 | Traverse | 0 |
| Kittson | 0 | Wabasha | 0 |
| Koochiching | 4 | Wadena | 0 |
| Lac qui Parle | 2 | Waseca | 9 |
| Lake | 0 | Washington | 55 |
| Lake of the Woods | 1 | Watonwan | 4 |
| Le Sueur | 4 | Wilkin | 3 |
| Lincoln | 0 | Winona | 18 |
| Lyon | 4 | Wright | 7 |
| Mahnomen | 1 | Yellow Medicine | 3 |
| Marshall | 1 | Unknown/missing | 0 |

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

# Demographics: Age

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

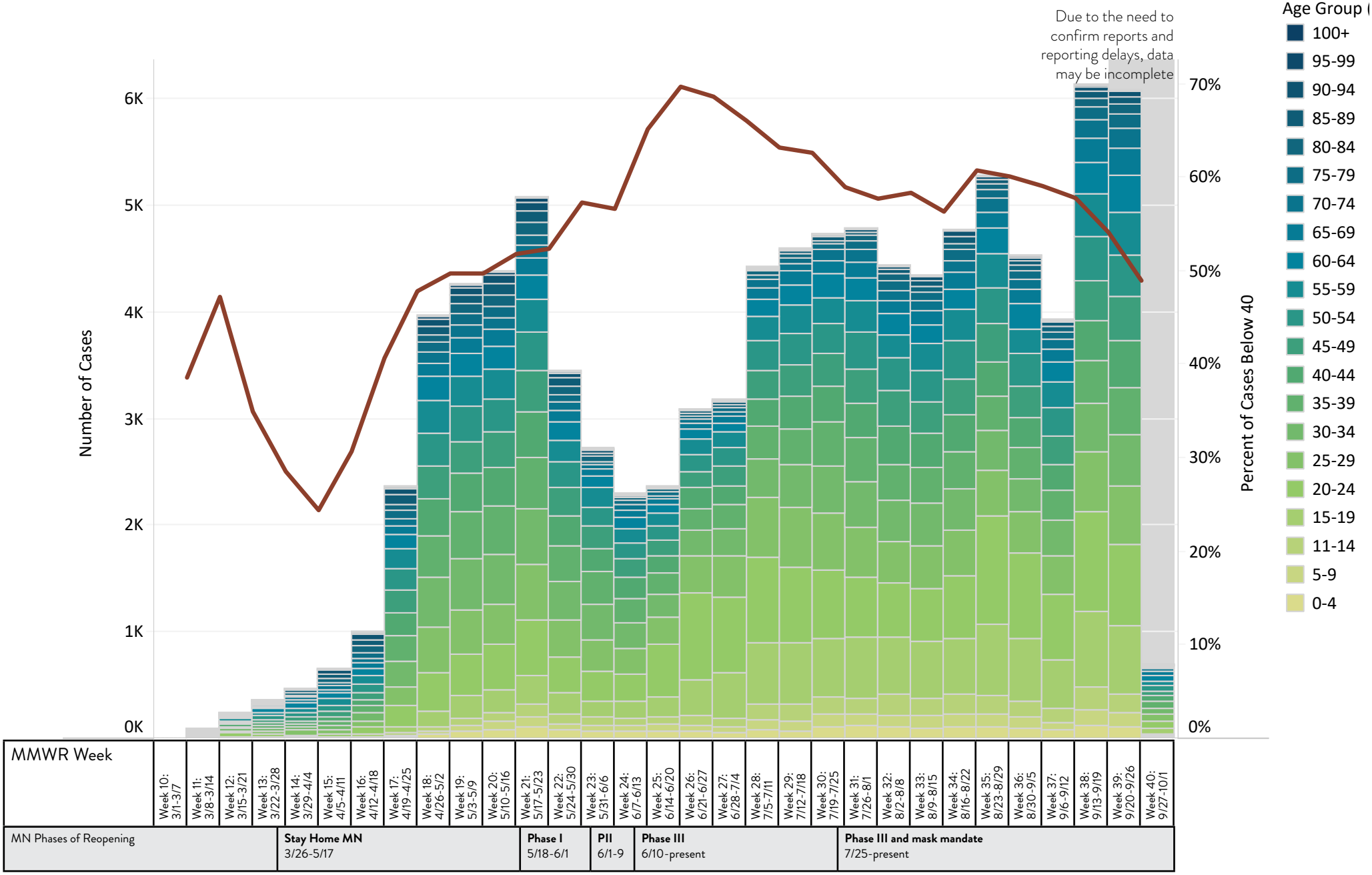
| | Median Age (Range) in Years |
|---|---|
| **All Cases** | 35 (<1 month – 109) |
| **Non-Hospitalized Cases** | 34 (<1 month - 109) |
| **Hospitalizations** | 60 (<1 month - 105) |
| **ICU Hospitalizations** | 61 (<1 month - 99) |
| **Deaths** | 83 (<1 - 109) |




| 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** | 1,970 | 1,932 | 2,916 | 9,515 | 13,627 | 9,862 | 8,920 | 8,081 | 7,205 | 6,861 | 6,799 | 6,061 | 4,688 | 3,160 | 2,361 | 1,853 | 1,576 | 1,340 | 964 | 427 | 76 | 6 | 100,200 |
| **Hospitalizations** | 76 | 26 | 37 | 139 | 260 | 323 | 379 | 401 | 414 | 468 | 615 | 723 | 736 | 666 | 634 | 593 | 540 | 407 | 226 | 85 | 9 | 1 | 7,758 |
| **ICU Hospitalizations** | 18 | 9 | 6 | 36 | 29 | 50 | 65 | 78 | 118 | 134 | 191 | 239 | 258 | 235 | 199 | 175 | 156 | 93 | 46 | 12 | 0 | 1 | 2,148 |
| **Deaths** | 1 | 0 | 0 | 0 | 1 | 3 | 7 | 10 | 11 | 20 | 46 | 68 | 109 | 139 | 201 | 215 | 332 | 350 | 330 | 171 | 35 | 0 | 2,049 |

# Cases by Age Group and Specimen Collection Date

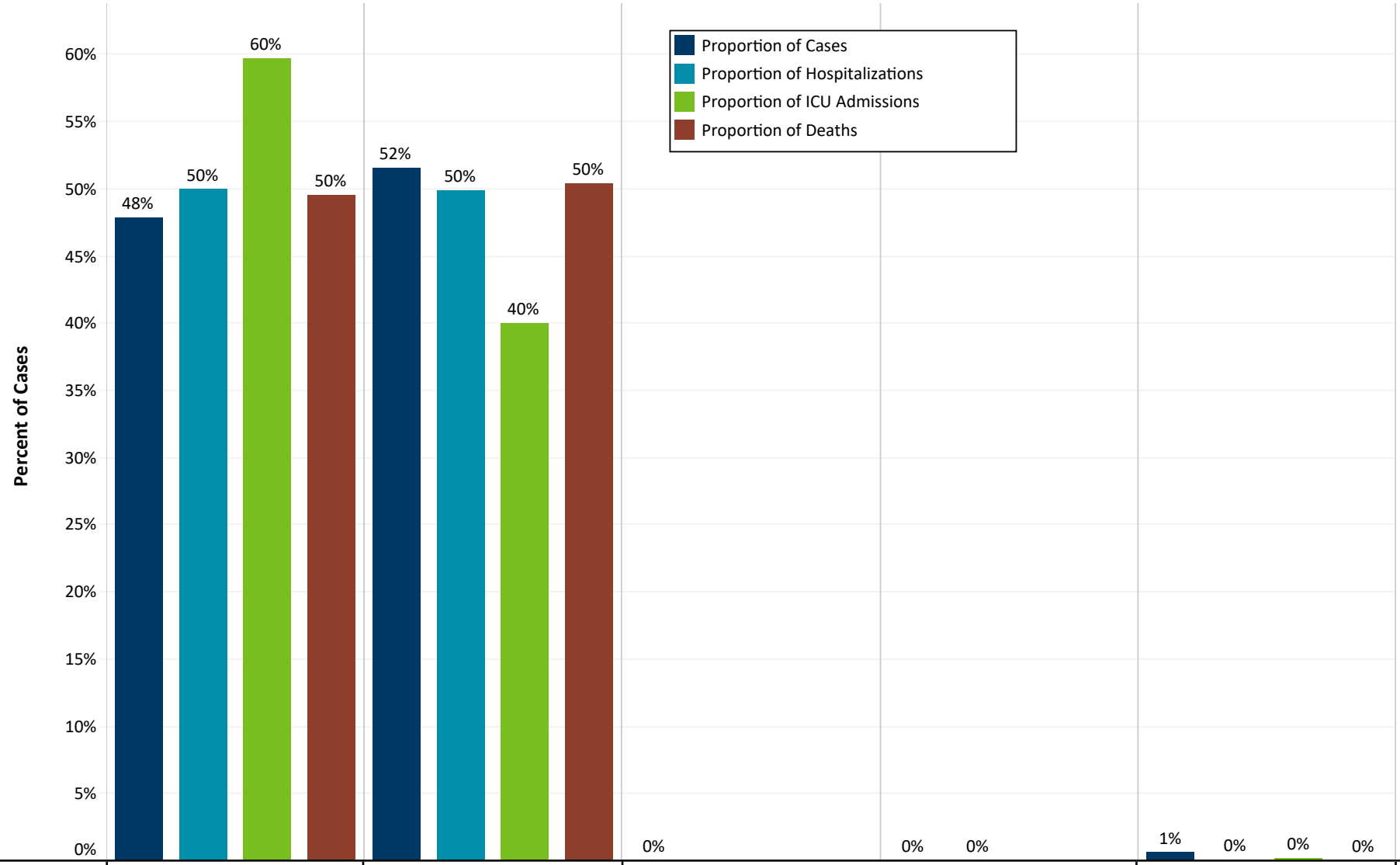
Confirmed cases by age group by date of specimen collection in Minnesota.




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

# Demographics: Gender

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

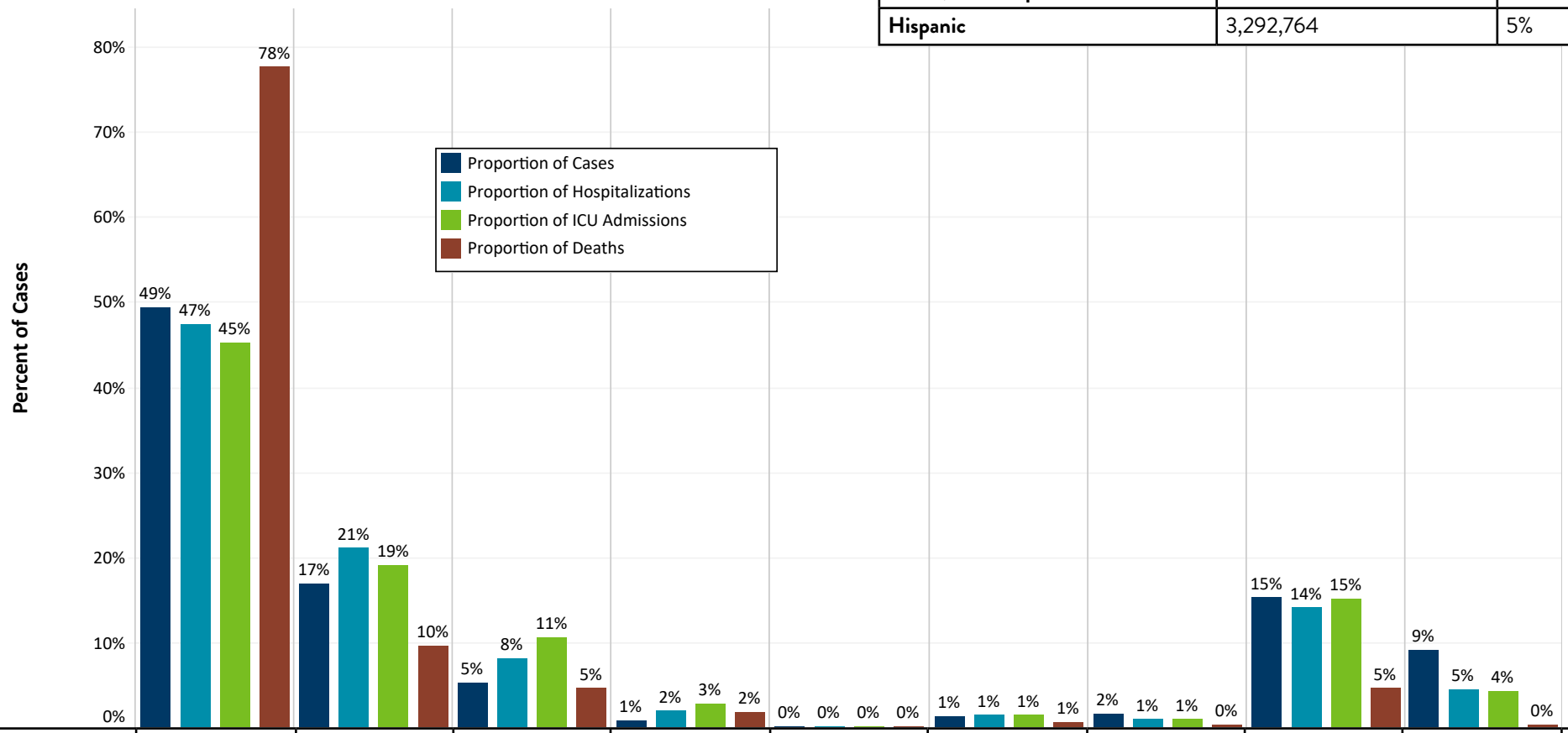



| Gender | Male | Female | Other | Unk./missing | Total |
|---|---|---|---|---|---|
| **All Cases** | 47,949 | 51,651 | 11 | 589 | 100,200 |
| **Hospitalizations** | 3,876 | 3,869 | 1 | 12 | 7,758 |
| **ICU Hospitalizations** | 1,284 | 860 | 0 | 4 | 2,148 |
| **Deaths** | 1,015 | 1,033 | 0 | 1 | 2,049 |

# Demographics: Race & Ethnicity

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

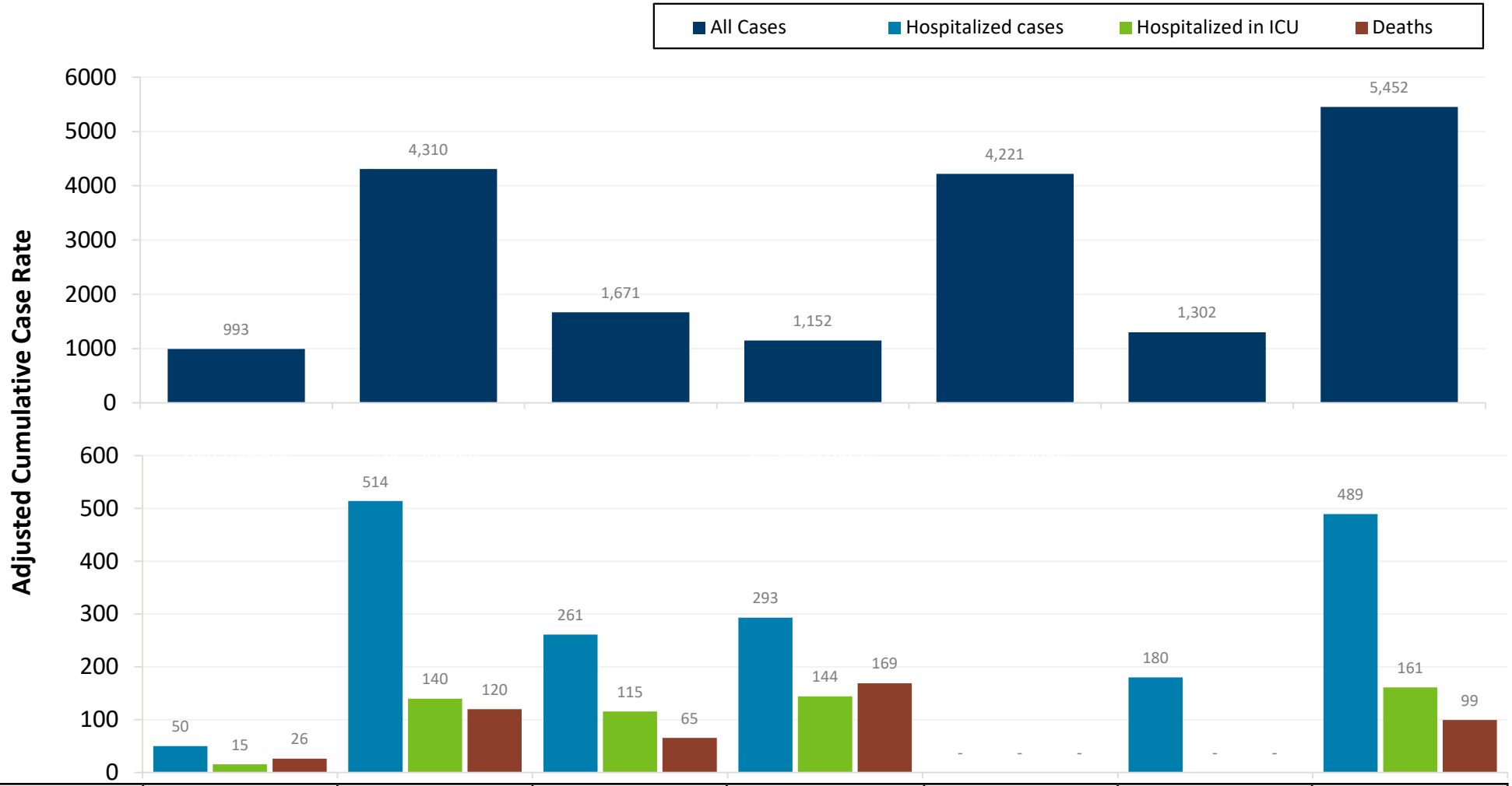
| Race/Ethnicity | Minnesota Population (2018) | % of Population |
|---|---|---|
| **White, non-Hispanic** | 4,438,071 | 80% |
| **Black, non-Hispanic** | 336,505 | 6% |
| **Asian, non-Hispanic** | 260,797 | 5% |
| **American Indian/Alaska Native, non-Hispanic** | 53,168 | 1% |
| **Native Hawaiian/Pacific Islander, non-Hispanic** | 1,799 | <1% |
| **Multiple Races, non-Hispanic** | 137,233 | 2% |
| **Other, non-Hispanic** | 7,021 | <1% |
| **Hispanic** | 3,292,764 | 5% |




| Race/ethnicity | White, non-Hispanic | Black, non-Hispanic | Asian, non-Hispanic | Amer. Indian/ AK Native, NH | Native HI/ Pacific Isl., NH | Multiple Races, non-Hispanic | Other, non-Hispanic | Hispanic | Unknown/ missing | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **All Cases** | 49,535 | 16,960 | 5,301 | 857 | 136 | 1,271 | 1,614 | 15,372 | 9,154 | 100,200 |
| **Hospitalizations** | 3,679 | 1,642 | 636 | 157 | 9 | 112 | 77 | 1,095 | 351 | 7,758 |
| **ICU Hospitalizations** | 973 | 410 | 229 | 62 | 2 | 32 | 23 | 325 | 92 | 2,148 |
| Deaths | 1,593 | 196 | 96 | 37 | 2 | 14 | 6 | 97 | 8 | 2,049 |

# Age-Adjusted Race & Ethnicity Rates

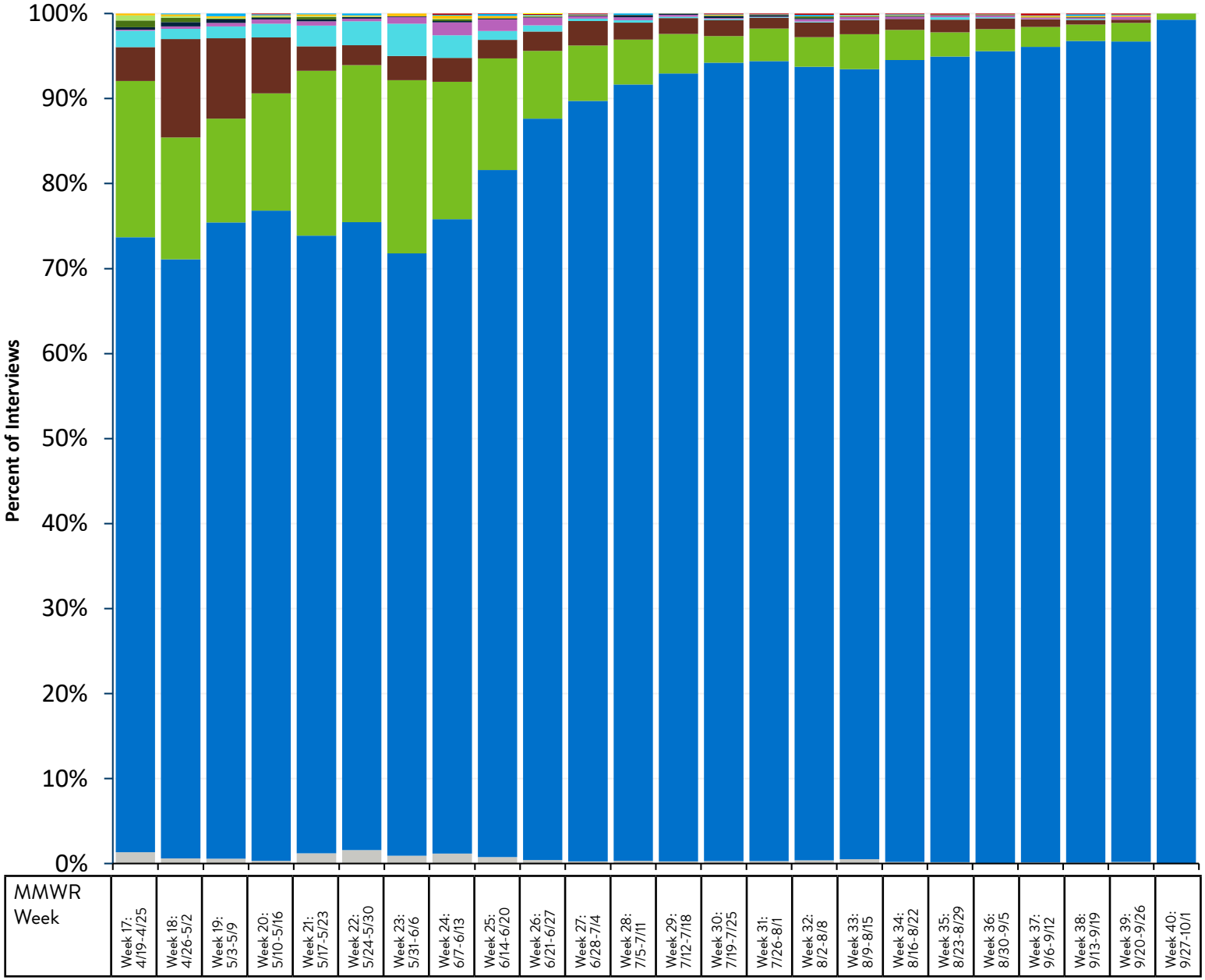
Age-adjusted rates allow us to compare rates for racial and ethnic groups that have very different age distributions in Minnesota; they essentially allow us to look at what the rates would be if the underlying population age distribution was the same for all races. Rates have been suppressed when total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




| Age adjusted race/ ethnicity | White, non-Hispanic | Black, non-Hispanic | Asian, non-Hispanic | American Indian/ Alaskan Native, NH | Native Hawaiian/ Pacific Islander, NH | Multiple Races, non-Hispanic | Hispanic |
|---|---|---|---|---|---|---|---|
| **All Cases** | 993 | 4,310 | 1,671 | 1,152 | 4,221 | 1,302 | 5,452 |
| **Hospitalizations** | 50 | 514 | 261 | 293 | - | 180 | 489 |
| **ICU Hospitalizations** | 15 | 140 | 115 | 144 | - | - | 161 |
| Deaths | 26 | 120 | 65 | 169 | - | - | 99 |

# Demographics: Interview Language

Language needs for cases interviewed by specimen collection date week. It is assumed that any interview recorded as not needing an interpreter was conducted in English.

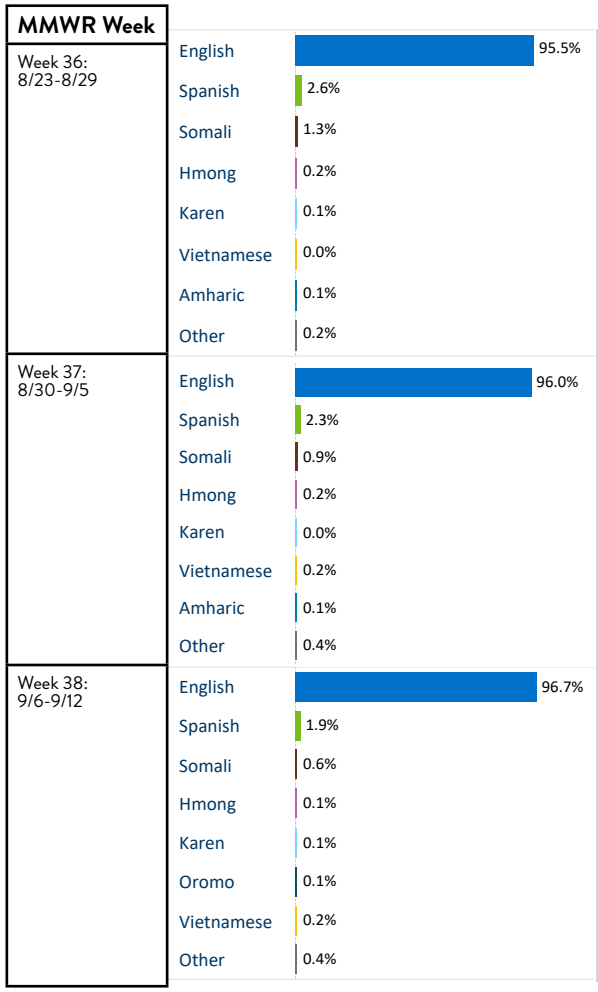



| Language | Total % of Interviews |
|---|---|
| Mandarin | <1% |
| Cantonese | <1% |
| Russian | <1% |
| Arabic | <1% |
| Vietnamese | <1% |
| Laotian | <1% |
| Amharic | <1% |
| Oromo | <1% |
| Hmong | <1% |
| Karen | 1% |
| Somali | 3% |
| Spanish | 8% |
| English | 87% |
| Other | <1% |

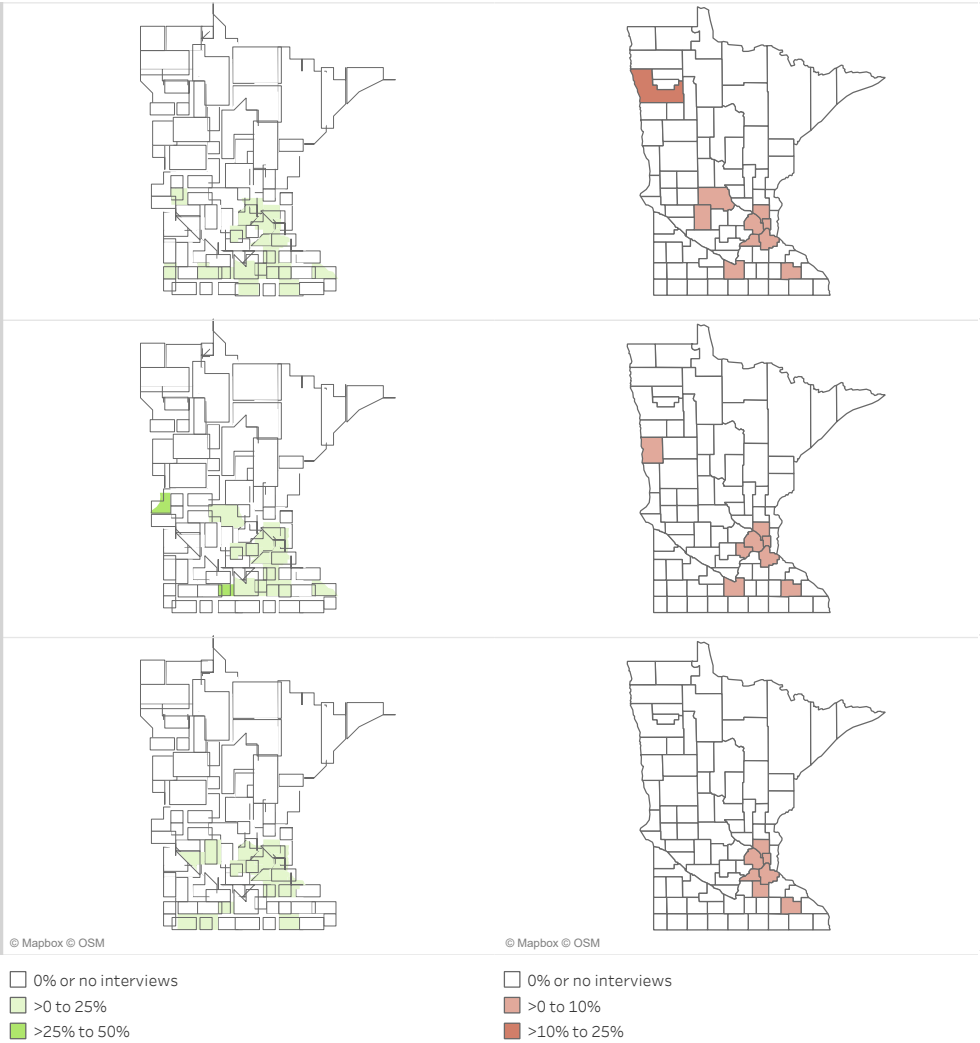
# Interview Language by County of Residence

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

## Percent of Interviews by Language and Week




## Spanish Language Interviews by Week and County

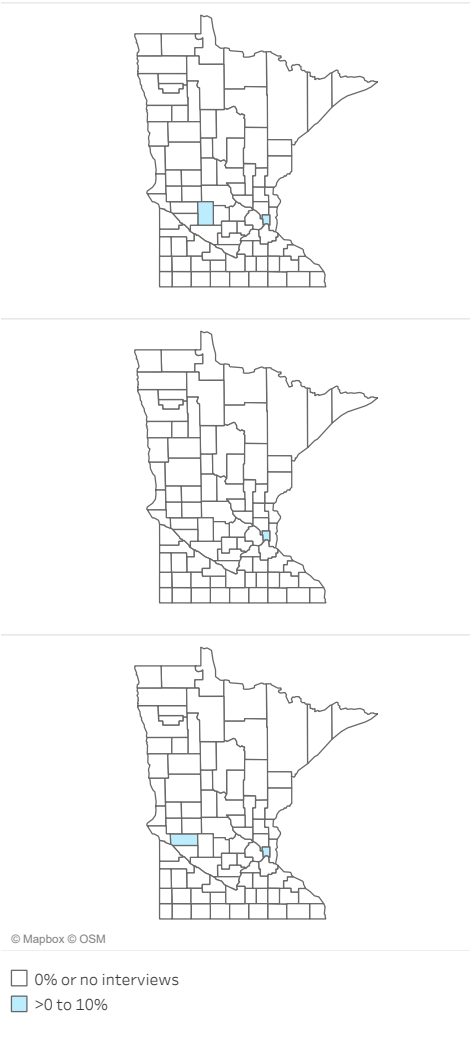



- 0% or no interviews
- >0 to 25%
- >25% to 50%

## Somali Language Interviews by Week and County

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

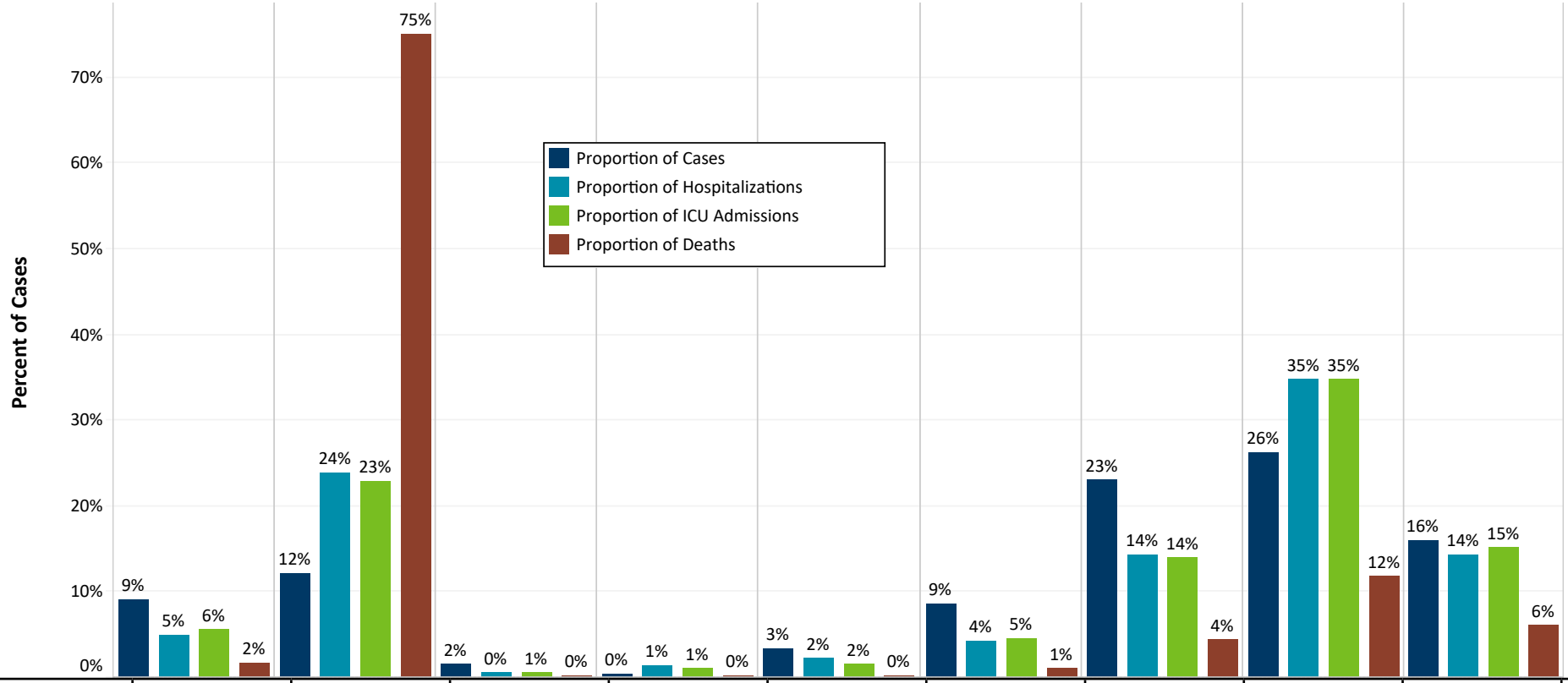
## Karen Language Interviews by Week and County




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

# Likely Exposure

Exposure data is collected at case interview. Cases are categorized according to a hierarchy following the order of exposure type: outbreak, travel, LTC staff and residents, corrections, homeless shelter, acute health care, community-exposure with known contact, community-no known exposure.

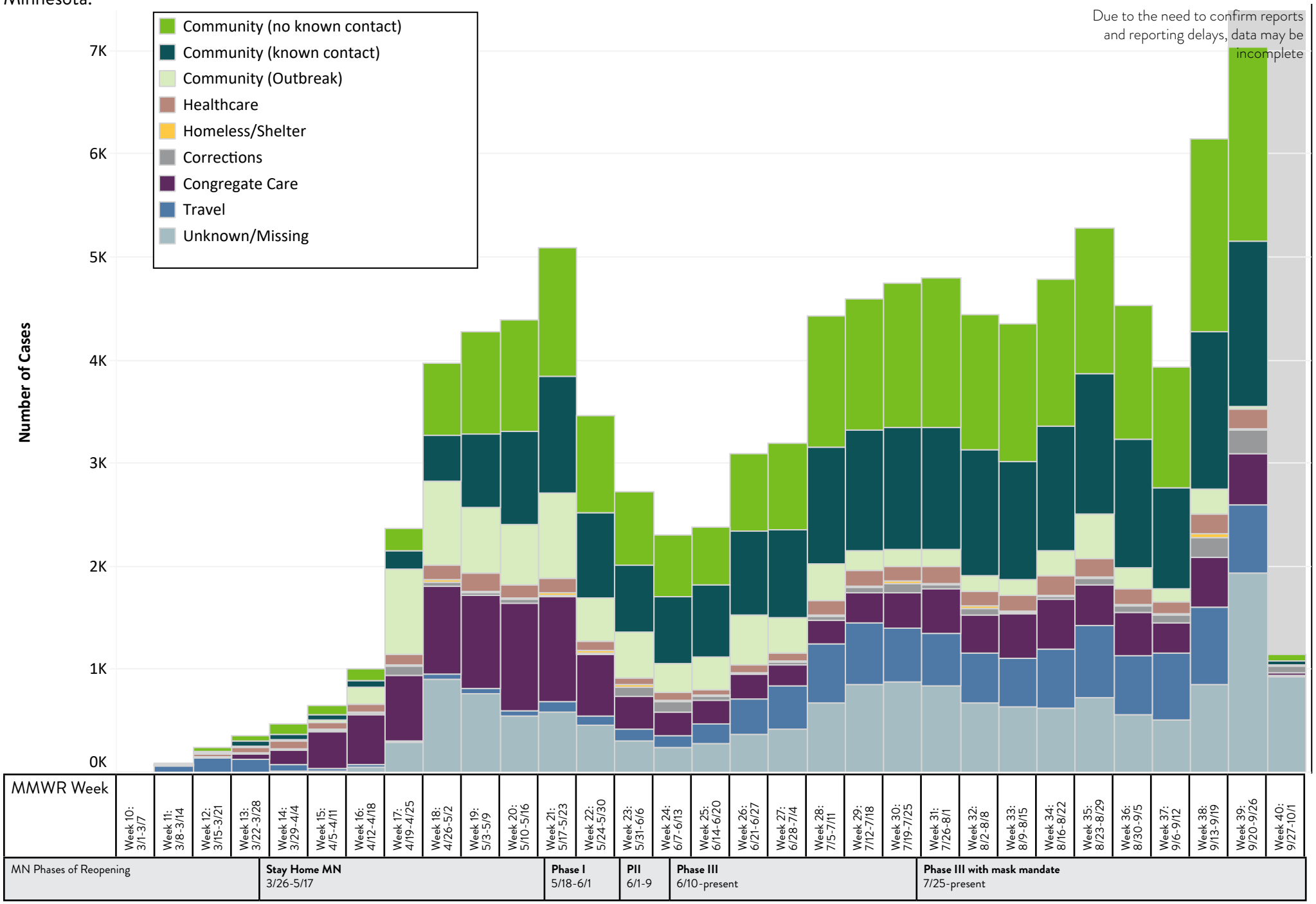



| Likely Exposure | Travel (outside MN) | Congregate Care | Corrections | Homeless/ Shelter | Health Care | Community (outbreak) | Community (known contact) | Community (no known contact) | Unk./missing | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **All Cases** | 9,054 | 12,067 | 1,546 | 356 | 3,367 | 8,651 | 23,062 | 26,183 | 15,914 | 100,200 |
| **Hospitalizations** | 377 | 1,844 | 35 | 110 | 163 | 327 | 1,112 | 2,689 | 1,101 | 7,758 |
| **ICU Hospitalizations** | 120 | 491 | 12 | 23 | 33 | 97 | 300 | 747 | 325 | 2,148 |
| Deaths | 33 | 1,536 | 2 | 2 | 4 | 20 | 88 | 239 | 125 | 2,049 |

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

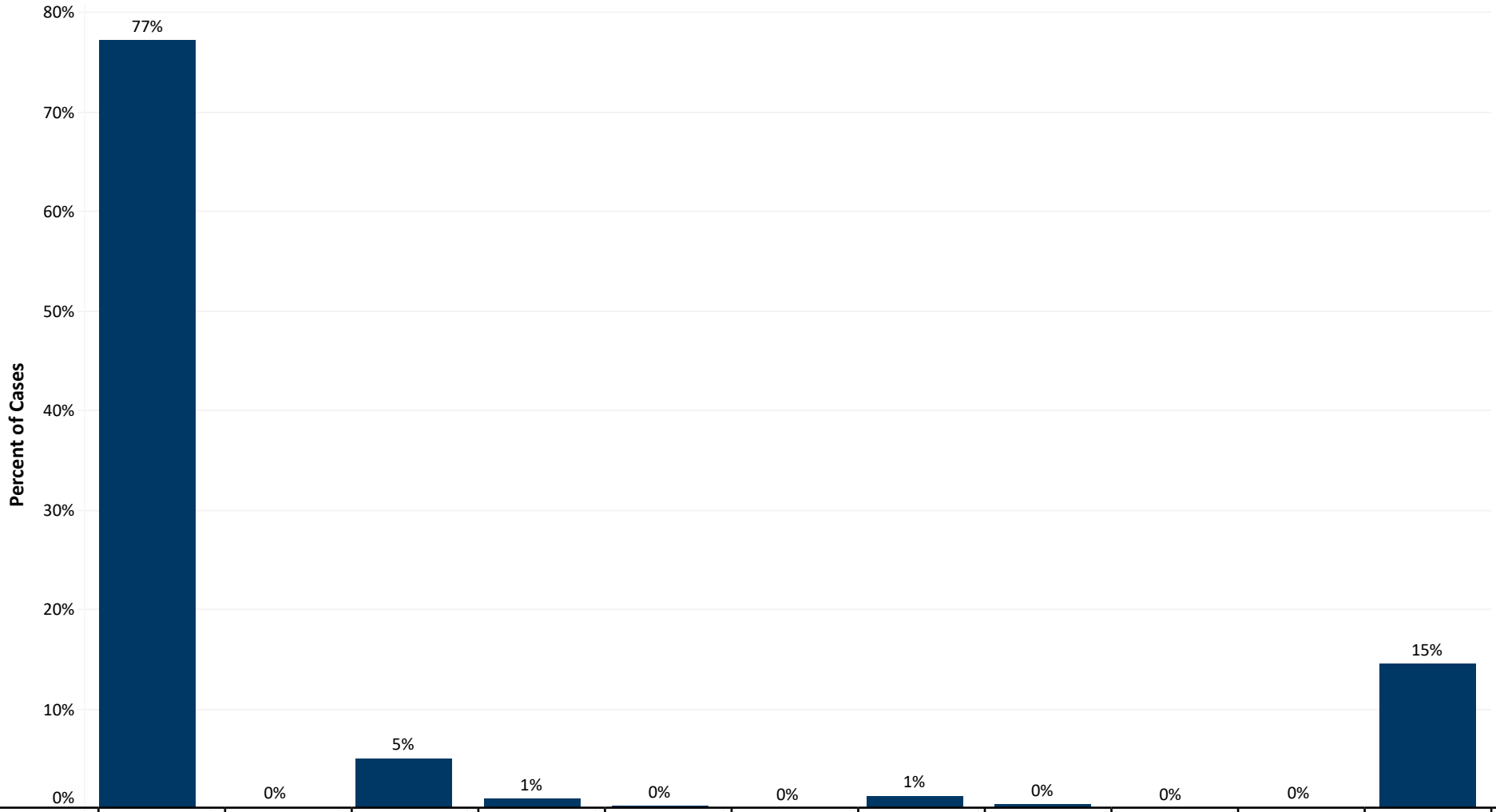
# Cases by Likely Exposure and Specimen Collection Date

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



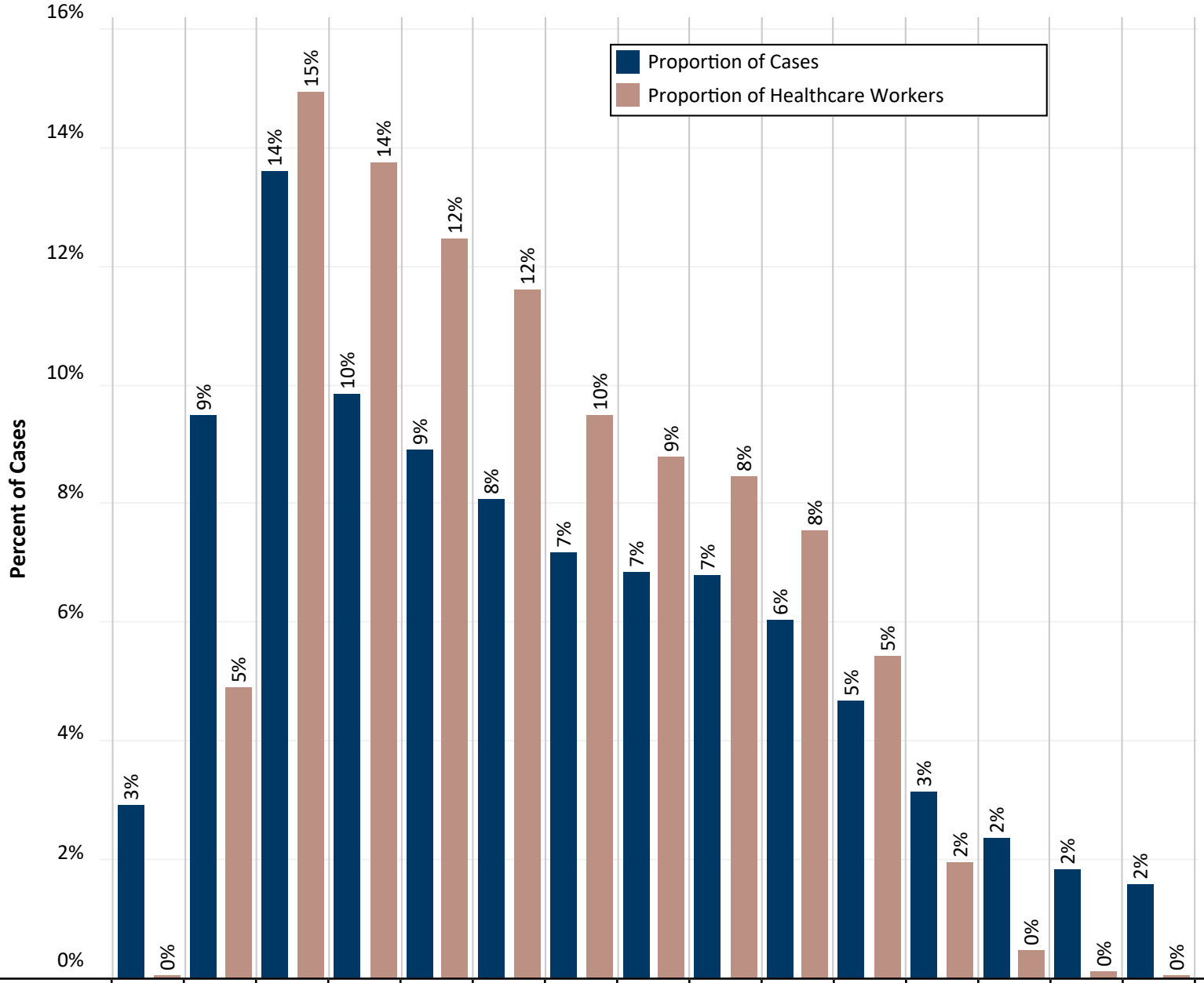
# Residence Type

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




| Residence Type | Private Residence | Hotel/Motel | Long-term Care/ Assisted Liv. | Group Home/ RBH | Homeless (sheltered) | Homeless (unsheltered) | Jail/Prison | College/ Uni./Camp Dorm | Work Dorm | Other | Unk./ missing | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **All Cases** | 77,500 | 106 | 5,113 | 934 | 204 | 62 | 1,251 | 374 | 23 | 91 | 14,542 | 100,200 |

# Occupational Related Cases: Health Care




| Age Group (in years) | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **All Cases** | 2,916 | 9,515 | 13,627 | 9,862 | 8,920 | 8,081 | 7,205 | 6,861 | 6,799 | 6,061 | 4,688 | 3,160 | 2,361 | 1,853 | 1,576 | 100,200 |
| **Health Care** | 5 | 513 | 1,570 | 1,445 | 1,310 | 1,218 | 998 | 923 | 889 | 792 | 571 | 204 | 50 | 12 | 5 | 10,505 |

**10,505**
Total Health Care Workers (cumulative)

**8,433**
Health Care Workers Exposed Occupationally (cumulative)

**431**
Total Health Care Staff Hospitalized (cumulative)

This data is for all cases who reported their occupation as health care staff in both acute care and congregate living. Not all cases who are health care workers were exposed at work.

# Potential Exposure in Child Care Settings

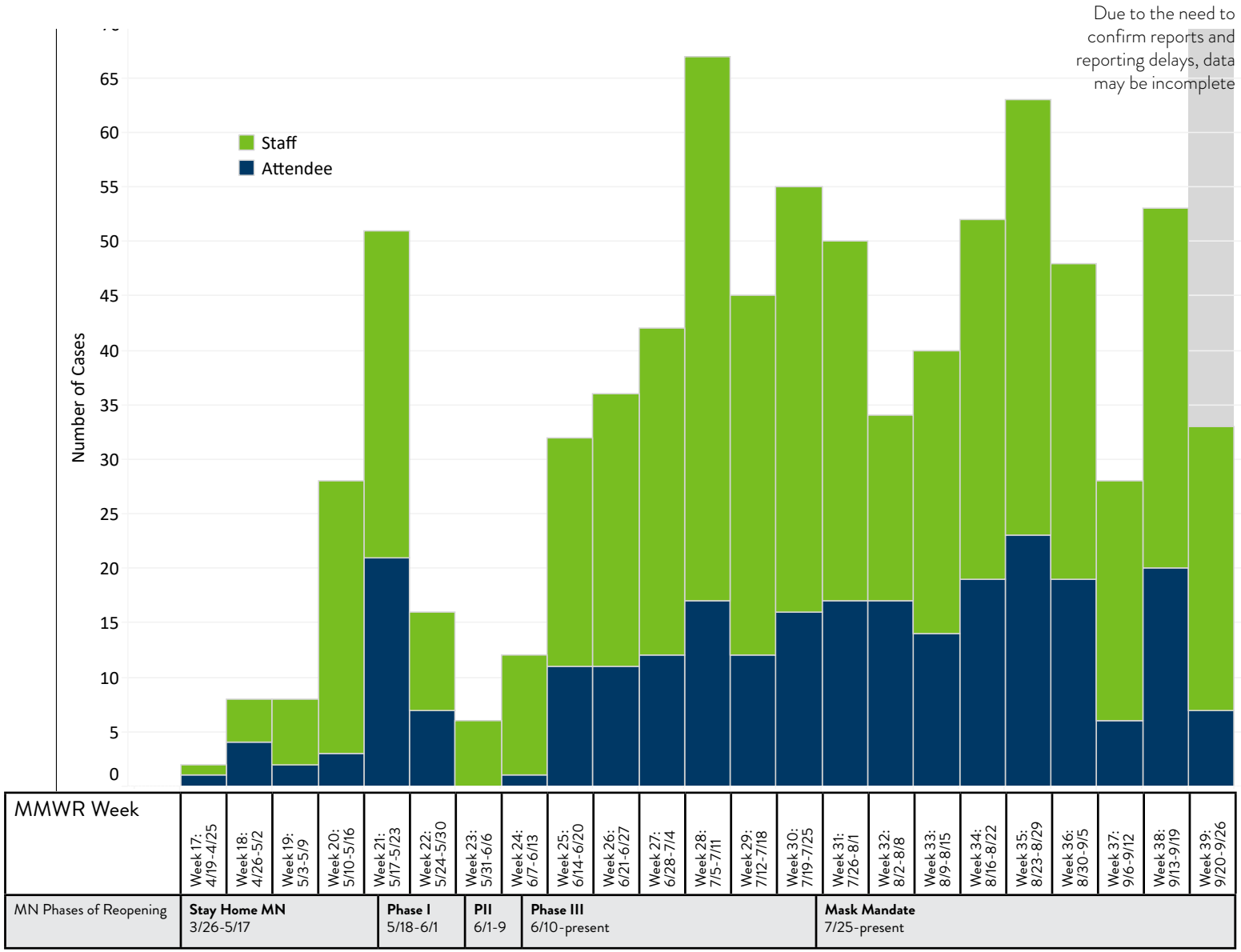
Lab confirmed cases of COVID-19 with potential exposure in child care settings by specimen collection date. Confirmed cases include children and staff that attended a child care program while infectious, or who test positive and attended a child care program that reported a confirmed case in the past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

**557**
Total Child Care Staff (cumulative)

**266**
Total Child Care Attendees (cumulative)

**505**
Total Child Care Programs (cumulative)

| Confirmed cases per program | Programs | Percent |
|---|---|---|
| 1 case | 347 | 69% |
| 2-4 cases | 126 | 25% |
| ≥5 cases | 32 | 6% |

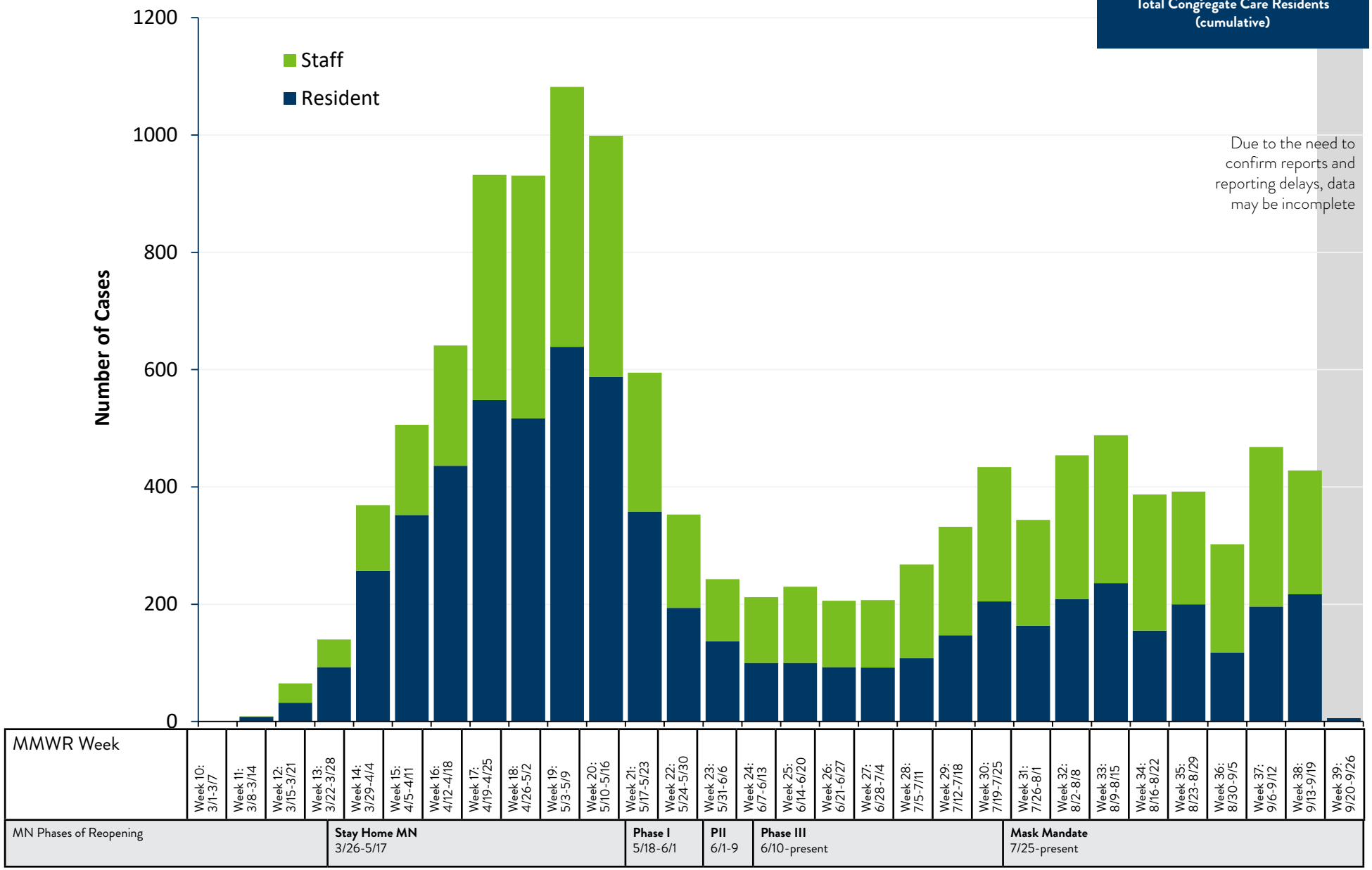


# Cases Associated with Congregate Care Settings

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

**5,519**
Total Congregate Care Staff (cumulative)

**6,505**
Total Congregate Care Residents (cumulative)

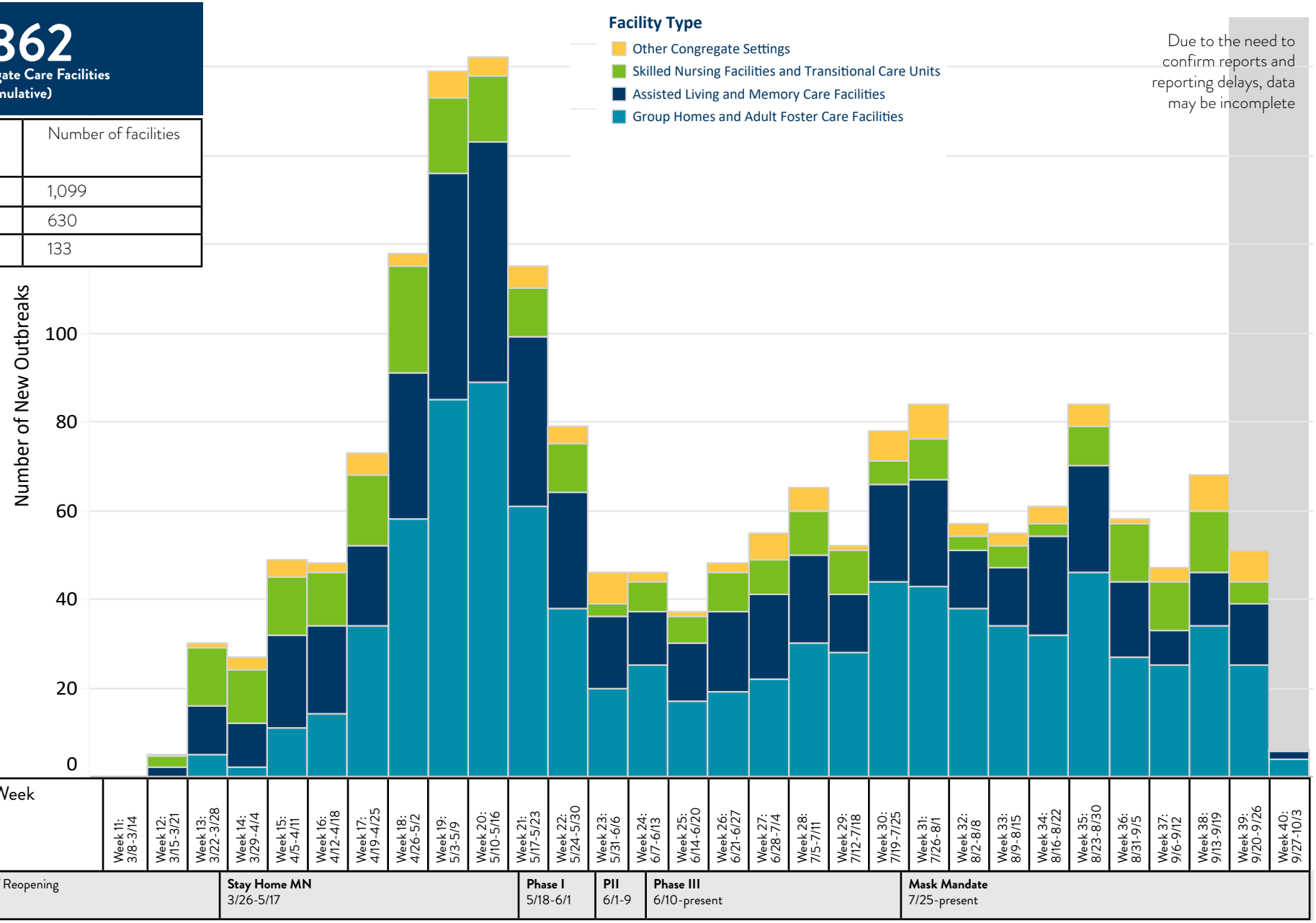


# Congregate Care Facility Outbreaks

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

**1,862**
**Total Congregate Care Facilities (cumulative)**

| Confirmed cases per facility | Number of facilities |
|---|---|
| 1-2 case | 1,099 |
| 3-20 cases | 630 |
| ≥21 cases | 133 |




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

# Response Metrics: Testing and Interview Timing

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

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

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

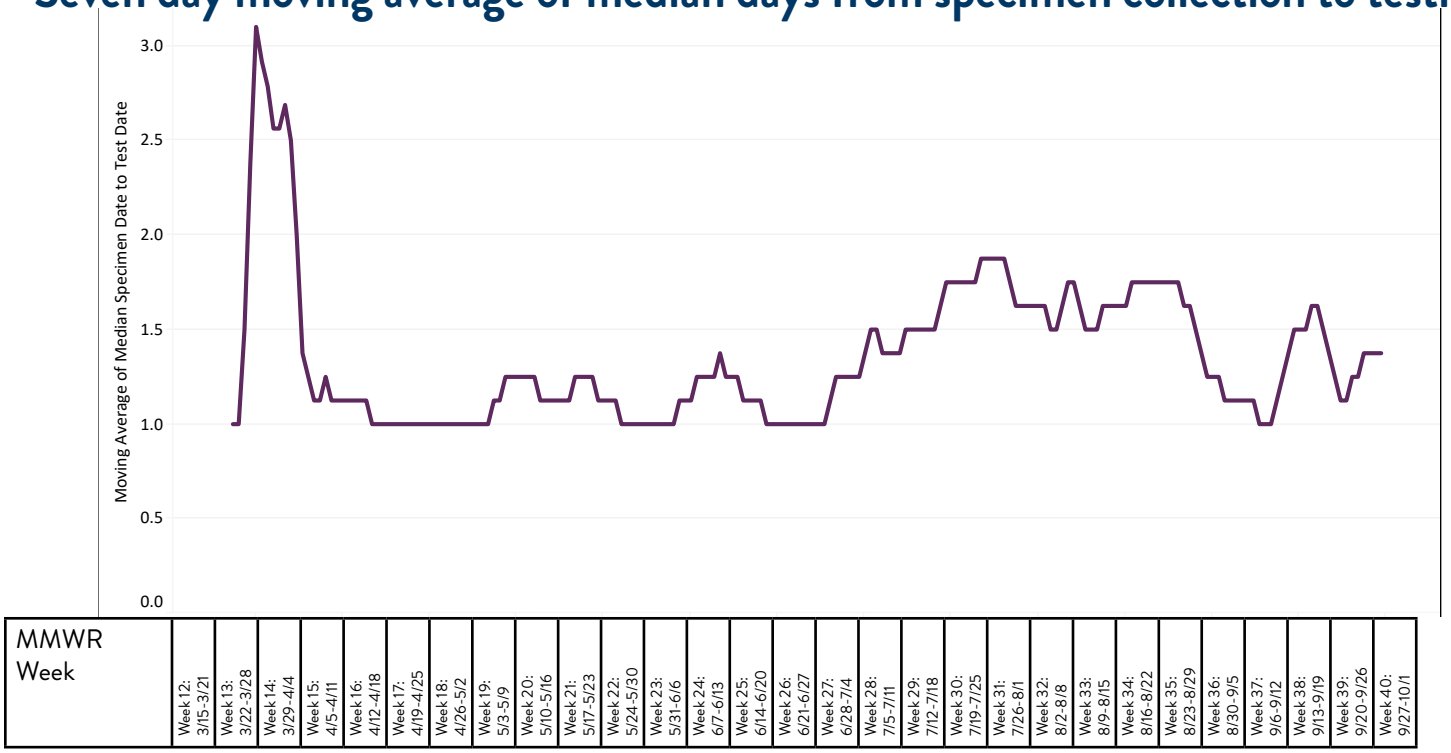
Median number of days from specimen collection to report date (cumulative): **2**

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

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

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

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



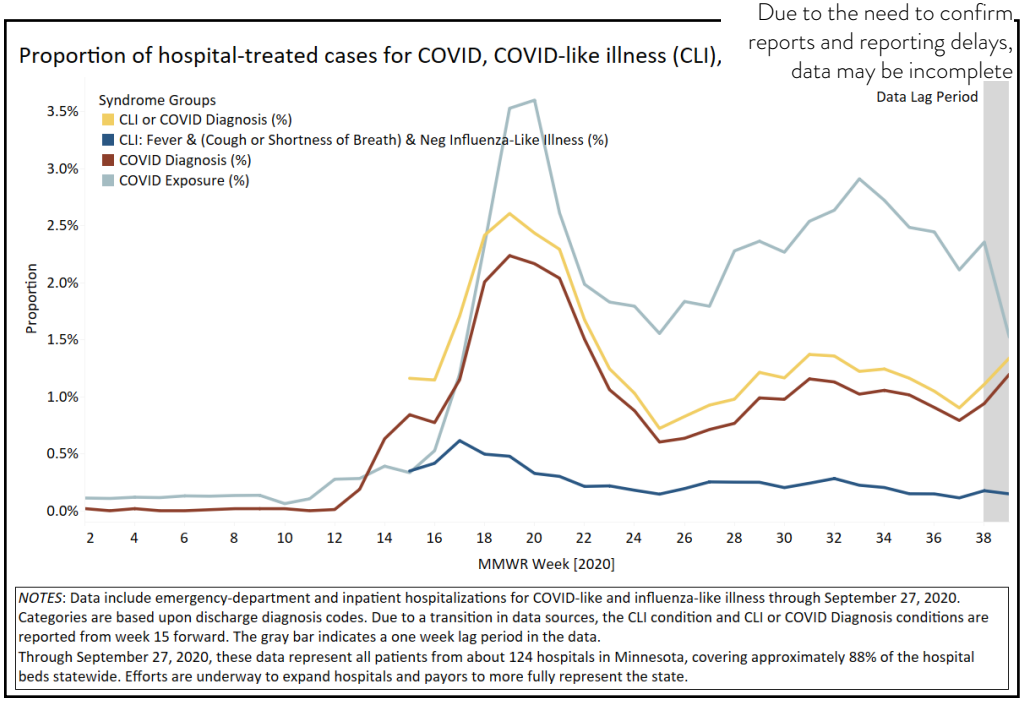
# Syndromic Surveillance

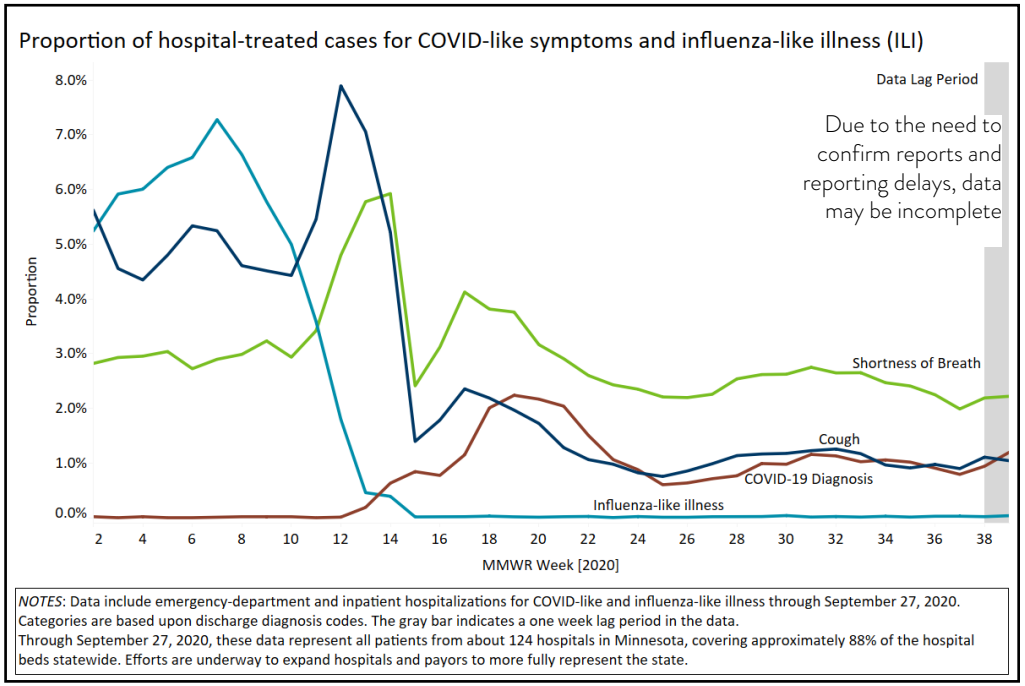
These syndromic surveillance data come from the Encounter Alert Service (EAS), which is utilizing an existing service to support and leverage the development of this activity. These data provide situational awareness to help inform public health decision making, resource allocation, and other actions.

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

Data include emergency-department and inpatient hospital visits for COVID-like illness through September 27, 2020. Categories are based upon discharge diagnosis codes.

Through September 27, 2020, these data represent all patients from about 124 hospitals in Minnesota, covering approximately 88% of the hospital beds statewide. Efforts are underway to expand hospitals to more fully represent the state.




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