

# Data for K-12 Schools: 14-day COVID-19 Case Rate by County

Updated 9/17/2020

This document includes data that can be used by schools in making decisions about their safe learning model. It shows the number of cases by county of residence in Minnesota over 14 days, per 10,000 people by the date of specimen collection (when a person was tested). County population is based on the U.S. Census Bureau American Community Survey 2018 5-year estimates.

Any increase in case incidence can represent a greater risk, but schools may consider a 14-day case rate of 10 or more cases per 10,000 to be an elevated risk of disease transmission within the local community, especially when the level of cases per week is sustained or increasing over time.

## Recommended policy options based on 14-day case rate range

| Policy Option                                   | Range<br>(14-day case rate per 10,000 people) |
|---|---|
| In-person learning for all students             | 0 to less than 10                             |
| Elementary in-person, Middle/high school hybrid | 10 to less than 20                            |
| Both hybrid                                     | 20 to less than 30                            |
| Elementary hybrid, Middle/high school distance  | 30 to less than 50                            |
| Both distance                                   | 50 or more                                    |

## Number of counties in each range

| Date         | 0 to less than 10 | 10 to less than 20 | 20 to less than 30 | 30 to less than 50 | 50 or more |
|--------------|-------------------|--------------------|--------------------|--------------------|------------|
| 7/12 to 7/25 | 46                | 0                  | 0                  | 0                  | 0          |
| 7/19 to 8/1  | 48                | 27                 | 10                 | 2                  | 0          |
| 7/26 to 8/8  | 50                | 26                 | 11                 | 0                  | 0          |
| 8/2 to 8/15  | 48                | 28                 | 10                 | 1                  | 0          |
| 8/9 to 8/22  | 47                | 29                 | 8                  | 3                  | 0          |
| 8/16 to 8/29 | 35                | 37                 | 5                  | 9                  | 1          |
| 8/23 to 9/5  | 24                | 48                 | 6                  | 3                  | 6          |

# 14-day case rate per 10,000 people by date of specimen collection

| County Name       | 7/12 - 7/25 | 7/19 - 8/1 | 7/26 - 8/8 | 8/2 - 8/15 | 8/9 - 8/22 | 8/16 - 8/29 | 8/23 - 9/5 |
|-------------------|-------------|------------|------------|------------|------------|-------------|------------|
| Aitkin            | 3.79        | 4.42       | 10.74      | 9.47       | 3.16       | 3.79        | 10.74      |
| Anoka             | 17.70       | 18.19      | 19.11      | 19.92      | 19.26      | 19.14       | 18.22      |
| Becker            | 14.80       | 13.32      | 9.77       | 6.81       | 5.63       | 8.88        | 9.18       |
| Beltrami          | 18.43       | 19.08      | 18.43      | 11.06      | 9.97       | 9.76        | 6.51       |
| Benton            | 11.56       | 9.05       | 7.79       | 6.79       | 12.07      | 19.11       | 17.60      |
| Big Stone         | 7.97        | 3.99       | 0.00       | 7.97       | 17.94      | 17.94       | 23.92      |
| Blue Earth        | 25.63       | 23.07      | 20.36      | 18.55      | 22.16      | 44.48       | 57.30      |
| Brown             | 8.73        | 8.73       | 5.95       | 6.35       | 7.54       | 11.11       | 11.50      |
| Carlton           | 5.91        | 4.78       | 7.88       | 9.85       | 8.72       | 9.00        | 8.16       |
| Carver            | 19.22       | 18.12      | 16.83      | 18.52      | 18.52      | 14.14       | 11.15      |
| Cass              | 8.27        | 9.65       | 9.99       | 7.24       | 6.20       | 6.89        | 4.13       |
| Chippewa          | 8.33        | 13.32      | 13.32      | 20.82      | 17.49      | 12.49       | 27.48      |
| Chisago           | 8.77        | 9.14       | 8.22       | 7.67       | 14.62      | 16.45       | 16.08      |
| Clay              | 13.69       | 9.87       | 8.44       | 7.01       | 7.80       | 16.08       | 36.78      |
| Clearwater        | 0.00        | 0.00       | 0.00       | 1.13       | 3.40       | 5.67        | 5.67       |
| Cook              | 1.88        | 0.00       | 5.65       | 7.53       | 1.88       | 0.00        | 0.00       |
| Cottonwood        | 16.71       | 15.83      | 9.67       | 11.43      | 15.83      | 12.31       | 9.67       |
| Crow Wing         | 7.05        | 10.34      | 10.81      | 9.08       | 7.83       | 6.26        | 10.18      |
| Dakota            | 21.23       | 23.15      | 22.24      | 21.38      | 22.55      | 23.91       | 21.19      |
| Dodge             | 9.72        | 5.34       | 4.37       | 6.80       | 9.23       | 9.23        | 6.80       |
| Douglas           | 6.99        | 5.91       | 5.91       | 4.03       | 3.23       | 7.26        | 11.02      |
| Faribault         | 10.79       | 6.48       | 7.20       | 10.79      | 15.11      | 13.67       | 7.92       |
| Fillmore          | 9.57        | 5.74       | 4.79       | 7.66       | 6.70       | 4.31        | 3.35       |
| Freeborn          | 9.50        | 8.19       | 4.91       | 5.90       | 9.17       | 8.52        | 13.10      |
| Goodhue           | 3.89        | 5.19       | 8.44       | 9.30       | 8.87       | 8.87        | 7.36       |
| Grant             | 20.21       | 23.58      | 16.84      | 5.05       | 0.00       | 1.68        | 1.68       |
| Hennepin          | 23.63       | 23.98      | 22.05      | 19.60      | 19.39      | 19.19       | 16.88      |
| Houston           | 2.68        | 3.21       | 3.21       | 12.86      | 13.93      | 6.97        | 10.18      |
| Hubbard           | 5.75        | 7.67       | 5.27       | 2.88       | 3.36       | 3.83        | 3.83       |
| Isanti            | 4.36        | 4.36       | 6.93       | 9.24       | 9.75       | 7.44        | 8.72       |
| Itasca            | 10.18       | 6.19       | 5.09       | 3.98       | 5.53       | 9.96        | 10.62      |
| Jackson           | 6.97        | 7.96       | 10.95      | 12.94      | 11.94      | 10.95       | 7.96       |
| Kanabec           | 3.12        | 3.75       | 8.75       | 10.62      | 16.25      | 12.50       | 6.87       |
| Kandiyohi         | 9.85        | 11.49      | 12.42      | 16.18      | 21.10      | 18.52       | 18.05      |
| Kittson           | 2.31        | 0.00       | 0.00       | 0.00       | 0.00       | 9.22        | 16.14      |
| Koochiching       | 24.52       | 20.56      | 15.82      | 7.91       | 4.75       | 3.16        | 5.54       |
| Lac qui Parle     | 1.48        | 0.00       | 4.43       | 7.38       | 7.38       | 10.34       | 16.24      |
| Lake              | 2.84        | 4.73       | 7.57       | 6.62       | 5.68       | 8.52        | 16.08      |
| Lake of the Woods | 5.25        | 5.25       | 7.88       | 15.75      | 7.88       | 5.25        | 18.38      |
| Le Sueur          | 17.51       | 13.22      | 15.01      | 18.94      | 36.81      | 44.67       | 27.16      |
| Lincoln           | 40.30       | 5.26       | 12.27      | 12.27      | 5.26       | 15.77       | 21.03      |
| Lyon              | 21.29       | 10.06      | 5.03       | 5.81       | 7.35       | 40.64       | 53.02      |
| McLeod            | 5.02        | 14.52      | 25.12      | 31.54      | 36.85      | 25.40       | 15.07      |
| Mahnomen          | 16.35       | 5.45       | 7.26       | 12.71      | 14.53      | 9.08        | 7.26       |

| County Name     | 7/12 - 7/25 | 7/19 - 8/1 | 7/26 - 8/8 | 8/2 - 8/15 | 8/9 - 8/22 | 8/16 - 8/29 | 8/23 - 9/5 |
|-----------------|-------------|------------|------------|------------|------------|-------------|------------|
| Marshall        | 8.52        | 4.26       | 1.06       | 1.06       | 2.13       | 9.58        | 13.84      |
| Martin          | 9.52        | 7.01       | 5.01       | 4.51       | 6.01       | 12.52       | 17.53      |
| Meeker          | 5.63        | 2.17       | 2.17       | 3.47       | 4.33       | 9.10        | 14.30      |
| Mille Lacs      | 8.55        | 7.77       | 3.50       | 5.05       | 6.22       | 7.38        | 13.60      |
| Morrison        | 3.03        | 3.03       | 4.86       | 6.98       | 5.77       | 5.16        | 11.53      |
| Mower           | 14.39       | 14.90      | 13.13      | 12.37      | 14.39      | 12.88       | 12.63      |
| Murray          | 32.32       | 14.37      | 7.18       | 9.58       | 15.56      | 13.17       | 11.97      |
| Nicollet        | 19.24       | 24.57      | 20.72      | 19.83      | 20.42      | 18.35       | 13.02      |
| Nobles          | 17.40       | 15.11      | 17.86      | 22.44      | 26.56      | 32.97       | 30.68      |
| Norman          | 13.72       | 13.72      | 12.20      | 10.67      | 7.62       | 4.57        | 4.57       |
| Olmsted         | 14.83       | 13.59      | 13.92      | 13.46      | 11.56      | 12.81       | 12.74      |
| Otter Tail      | 6.38        | 6.55       | 6.55       | 7.24       | 8.79       | 11.90       | 12.07      |
| Pennington      | 7.05        | 7.05       | 4.94       | 2.12       | 2.12       | 13.40       | 17.63      |
| Pine            | 3.43        | 3.09       | 2.06       | 1.37       | 4.81       | 8.58        | 9.27       |
| Pipestone       | 44.64       | 18.51      | 20.69      | 21.77      | 19.60      | 26.13       | 22.86      |
| Polk            | 8.55        | 12.35      | 11.08      | 8.86       | 9.81       | 10.45       | 14.56      |
| Pope            | 12.75       | 16.39      | 14.57      | 4.55       | 6.38       | 9.11        | 10.93      |
| Ramsey          | 20.67       | 23.18      | 23.23      | 20.30      | 18.84      | 19.43       | 16.57      |
| Red Lake        | 17.47       | 32.44      | 29.94      | 14.97      | 9.98       | 7.49        | 17.47      |
| Redwood         | 3.26        | 2.61       | 4.57       | 5.87       | 9.13       | 16.96       | 17.61      |
| Renville        | 6.11        | 5.43       | 8.83       | 6.11       | 5.43       | 10.19       | 16.30      |
| Rice            | 10.64       | 13.23      | 10.95      | 11.25      | 17.33      | 18.40       | 12.47      |
| Rock            | 29.75       | 30.81      | 22.31      | 14.87      | 13.81      | 17.00       | 18.06      |
| Roseau          | 8.41        | 5.17       | 5.82       | 6.47       | 7.11       | 10.99       | 16.17      |
| St Louis        | 5.00        | 7.75       | 11.75      | 11.35      | 9.90       | 10.45       | 13.29      |
| Scott           | 23.23       | 27.48      | 26.57      | 22.81      | 19.46      | 18.20       | 17.37      |
| Sherburne       | 23.60       | 20.59      | 14.80      | 14.05      | 11.91      | 13.62       | 13.62      |
| Sibley          | 8.72        | 6.04       | 5.36       | 9.39       | 24.81      | 31.52       | 17.44      |
| Stearns         | 12.37       | 11.61      | 9.82       | 10.01      | 15.43      | 19.70       | 19.70      |
| Steele          | 14.72       | 12.27      | 11.18      | 10.91      | 12.81      | 16.36       | 19.09      |
| Stevens         | 2.04        | 2.04       | 4.09       | 7.15       | 9.20       | 30.66       | 53.15      |
| Swift           | 8.50        | 4.25       | 5.31       | 7.44       | 5.31       | 7.44        | 14.88      |
| Todd            | 4.09        | 8.18       | 6.55       | 4.50       | 6.14       | 6.14        | 5.32       |
| Traverse        | 5.99        | 3.00       | 3.00       | 23.97      | 29.97      | 8.99        | 11.99      |
| Wabasha         | 13.02       | 11.16      | 9.77       | 10.23      | 9.30       | 9.30        | 9.77       |
| Wadena          | 4.40        | 3.66       | 2.93       | 2.93       | 11.73      | 13.92       | 8.79       |
| Waseca          | 20.73       | 18.08      | 16.48      | 22.33      | 38.81      | 57.95       | 72.84      |
| Washington      | 16.54       | 17.92      | 19.54      | 20.69      | 22.74      | 22.11       | 17.21      |
| Watonwan        | 30.99       | 21.87      | 25.52      | 26.43      | 18.23      | 44.66       | 43.74      |
| Wilkin          | 3.15        | 12.61      | 11.04      | 9.46       | 17.34      | 17.34       | 9.46       |
| Winona          | 12.59       | 8.85       | 5.90       | 5.90       | 9.24       | 45.43       | 67.65      |
| Wright          | 13.03       | 12.13      | 11.83      | 13.26      | 16.42      | 20.19       | 19.74      |
| Yellow Medicine | 12.16       | 9.12       | 6.08       | 7.09       | 15.20      | 38.51       | 55.74      |