

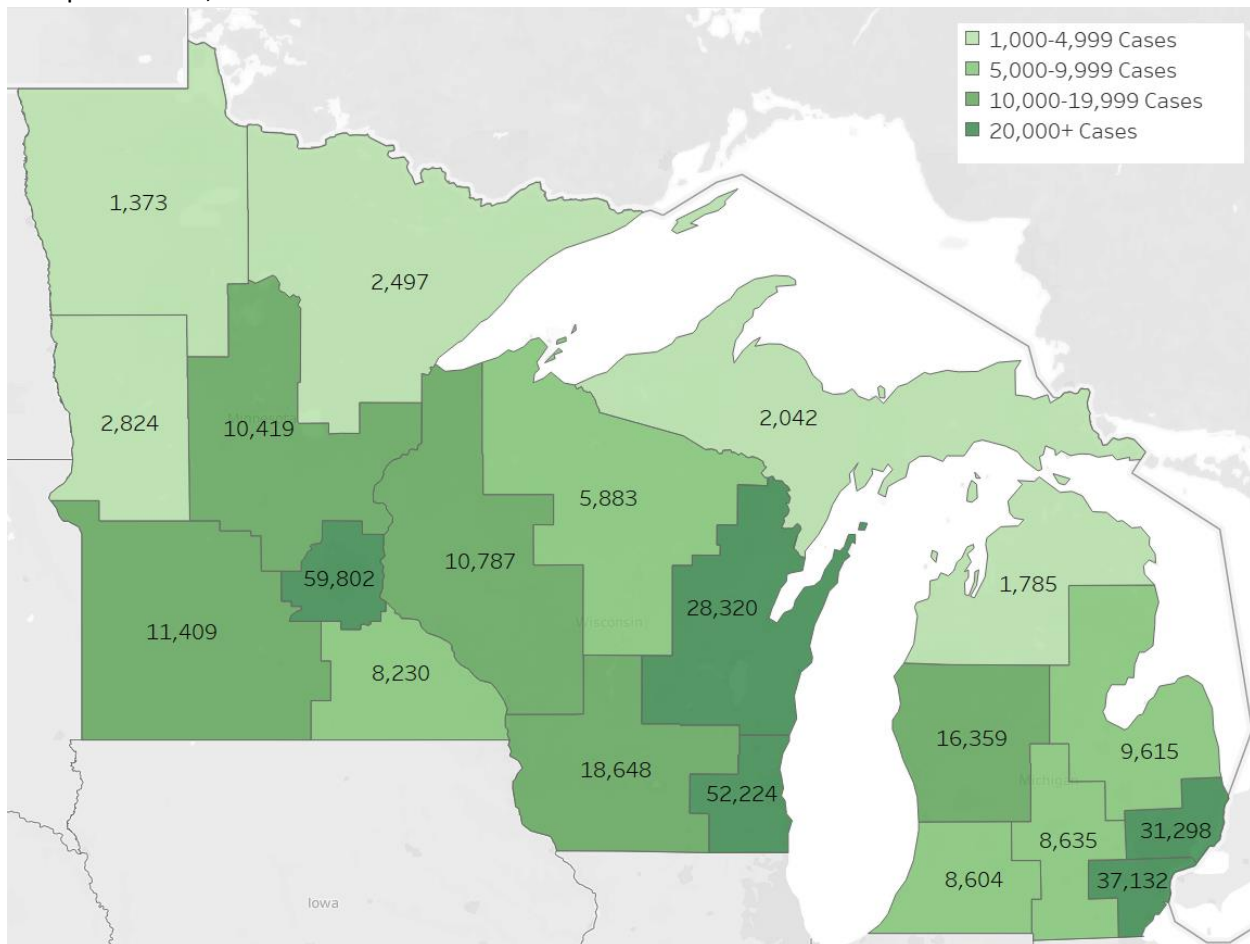
COVID-19 in the Bemidji IHS Area

Updated September 28, 2020

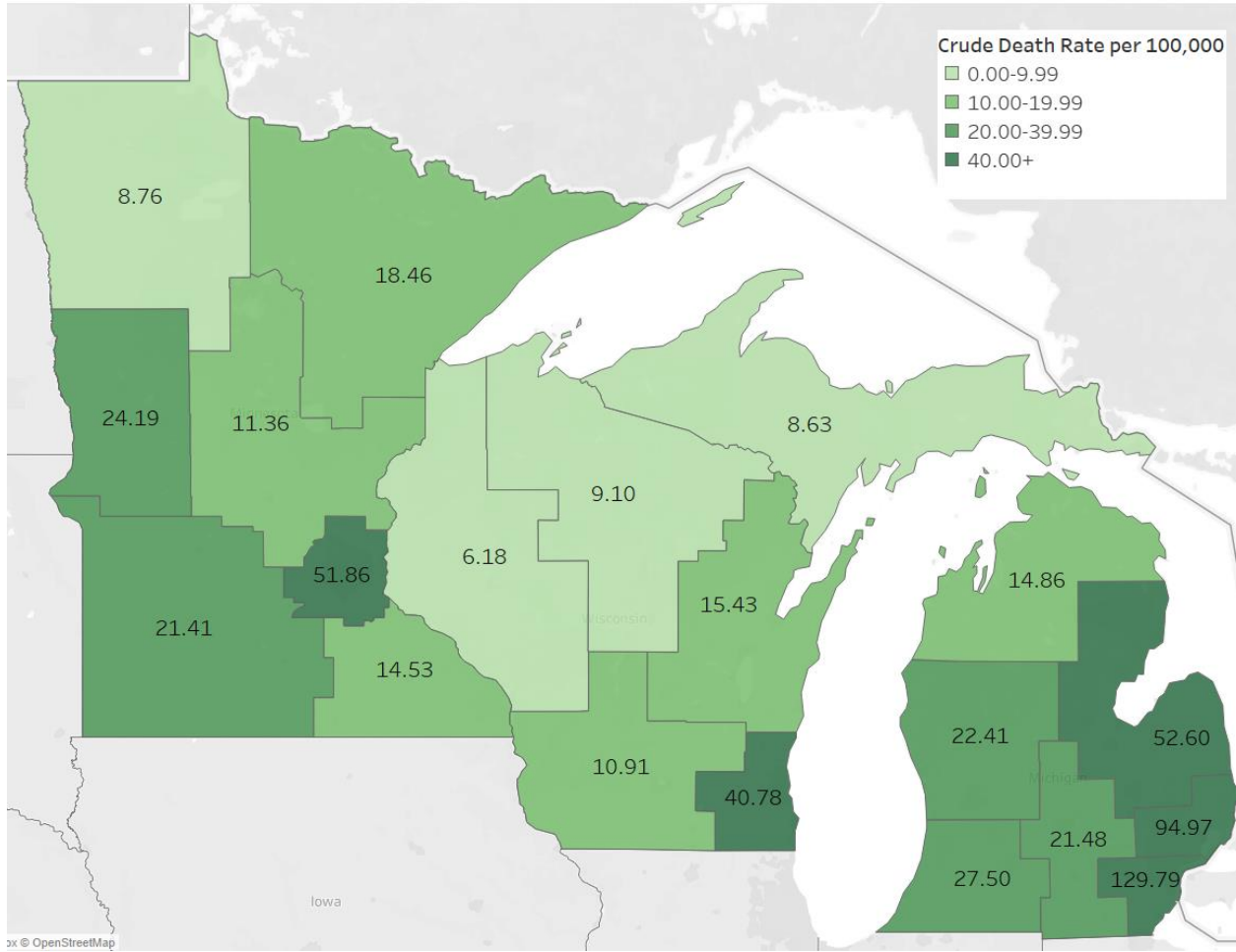
COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Wisconsin with 115,862 cases. This is followed by Michigan with 115,470 cases and Minnesota with 96,554 cases. The regions containing large cities such as Detroit, MI, Minneapolis/St. Paul, MN, and Milwaukee, WI have the largest number of cases (over 68,000 in the Detroit region, over 59,000 in the Minneapolis/St. Paul region and over 52,000 in the Milwaukee area). Additionally, the mortality rates in the Detroit metropolitan area are the highest of the three-state area. The majority of regions saw increases in the number of new cases this week compared to last week. Only four regions saw minor decreases (Map 3).

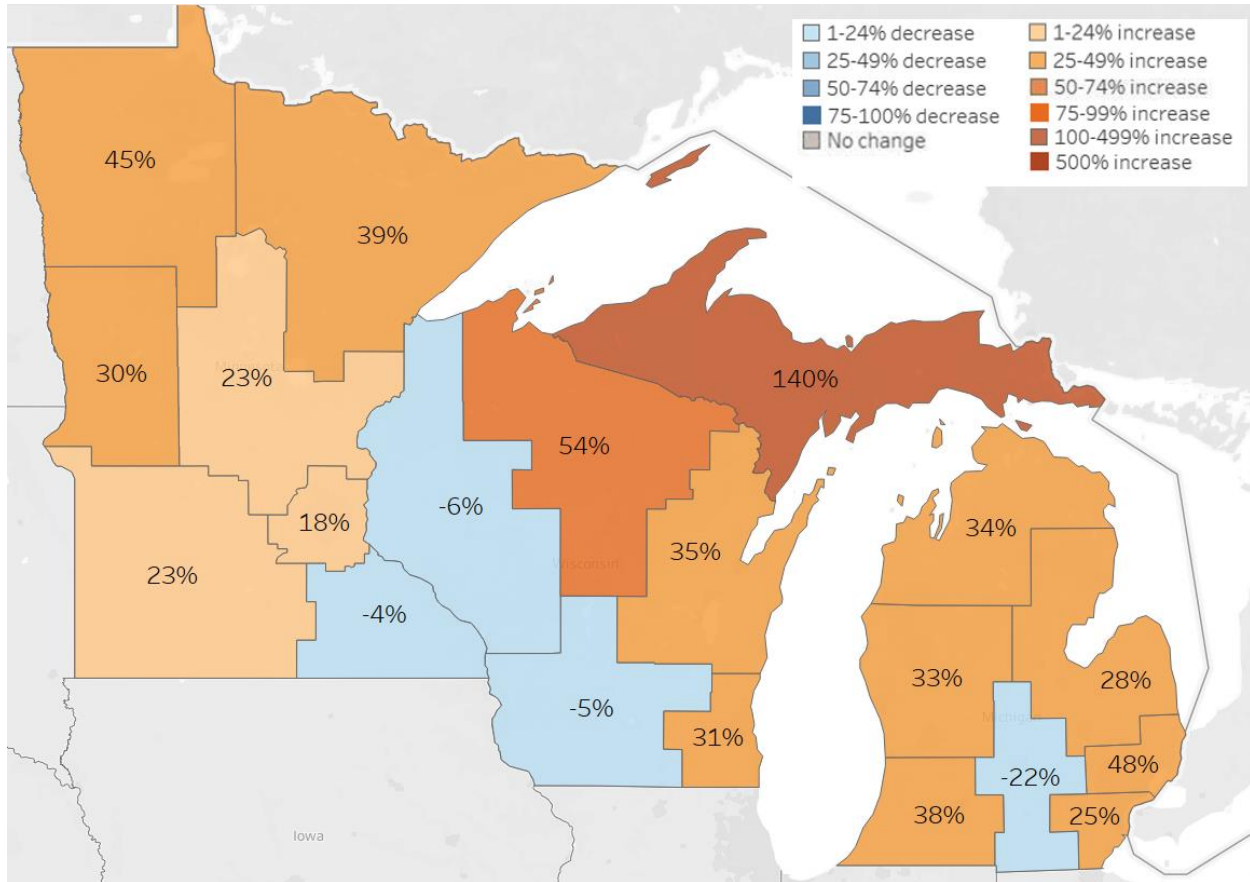
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of September 28, 2020



Map 2. Cumulative crude COVID-19 death rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of September 28, 2020



Map 3. Percent change in new COVID-19 cases over the last week, September 21 to September 28, 2020, in Michigan, Minnesota, and Wisconsin, by public health region, as of September 28, 2020



NOTE: A positive (orange-colored) percentage indicates there were more new cases this week than last week; a negative (blue-colored) percentage indicates there were fewer new cases this week than last week.

Table 1. Cumulative COVID-19 cases and deaths in Michigan, Minnesota, and Wisconsin, as of September 28, 2020

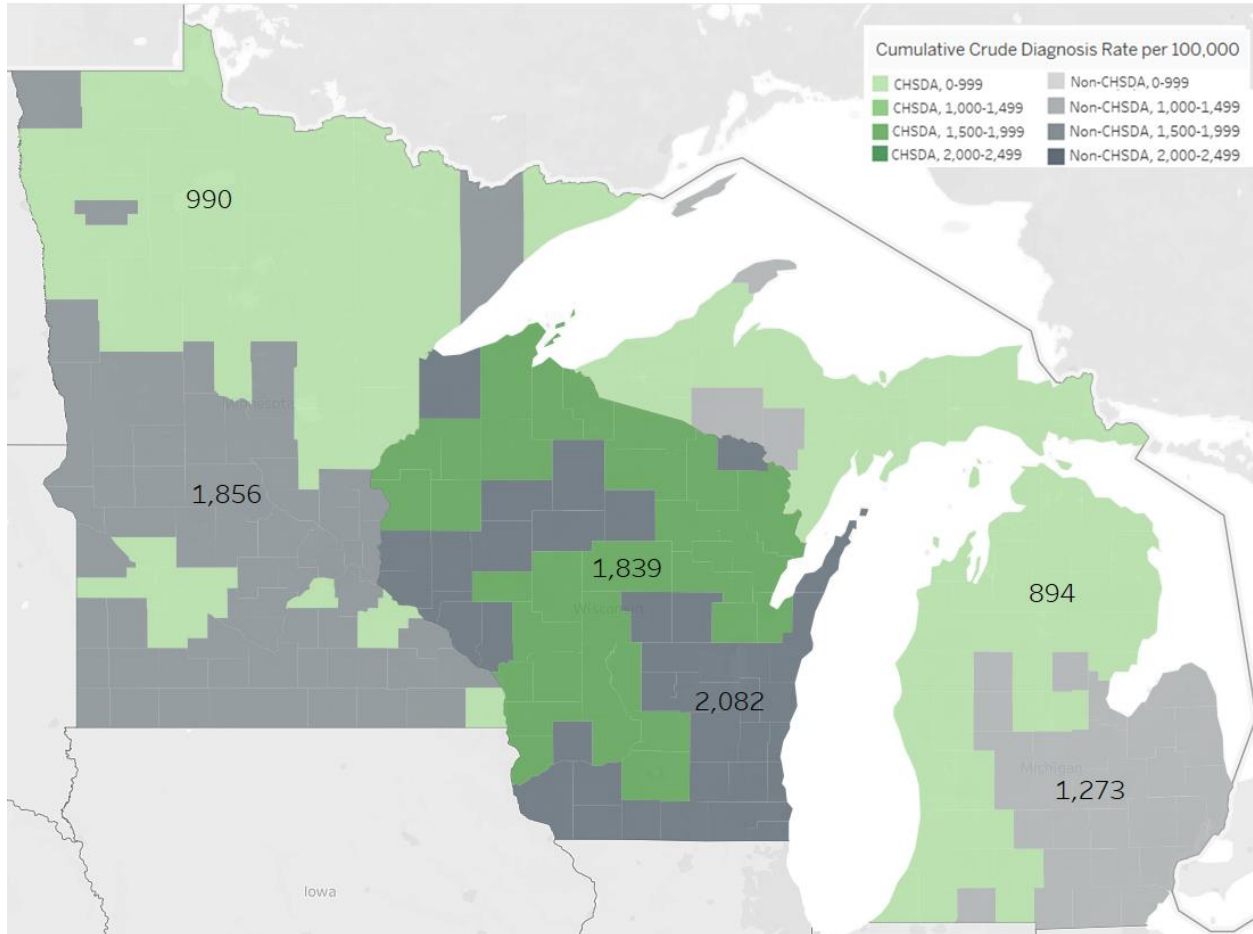
	Diagnosed cases (number)	Deaths (number)	Crude death rate (per 100,000)
Michigan	115,470	6,644	66.47
Minnesota	96,554	2,008	35.79
Wisconsin	115,862	1,281	22.03
Three-state area total	327,886	9,933	46.37



COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (1,839 cases per 100,000 people) than on or near reservations in Michigan and Minnesota (894 and 990 cases per 100,000, respectively). Counties that are not on or near reservations in Minnesota and Wisconsin have the highest rates within the region (1,856 and 2,082 cases per 100,000, respectively).

Map 4. Cumulative COVID-19 crude diagnosis rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),¹ as of September 28, 2020



¹CHSDAs are Contract Health Service Delivery Areas: counties that include or touch a reservation boundary



Table 2. Cumulative COVID-19 crude diagnosis rates (per 100,000) and number of cases in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),¹ as of September 28, 2020

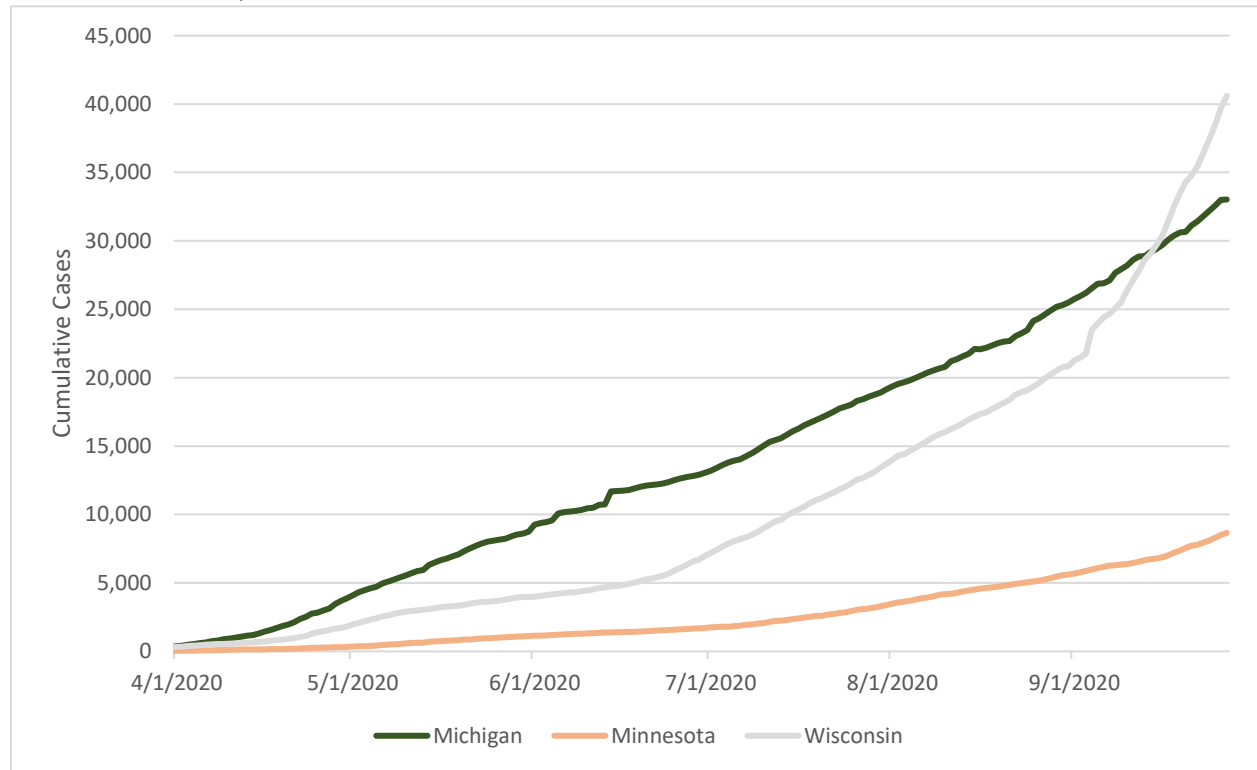
	Crude diagnosis rate (per 100,000)	Diagnosed cases (number)
Michigan	1,155	115,470
On or near reservations (CHSDAs)	894	27,791
Not on or near reservations (non-CHSDA)	1,273	87,679
Minnesota	1,721	96,554
On or near reservations (CHSDAs)	990	8,681
Not on or near reservations (non-CHSDA)	1,856	87,873
Wisconsin	1,993	115,862
On or near reservations (CHSDAs)	1,839	39,043
Not on or near reservations (non-CHSDA)	2,082	76,819
Three-state area total	1,531	327,886

¹CHSDAs are Contract Health Service Delivery Areas: counties that include or touch a reservation boundary

COVID-19 cases and deaths over time on or near reservations (CHSDAs)

Cumulative COVID-19 cases are highest on or near reservations in Wisconsin, followed by Michigan and Minnesota (Figure 1). However cumulative COVID-19 deaths are highest on or near reservations in Michigan and lower in Wisconsin and Minnesota (Figure 2).

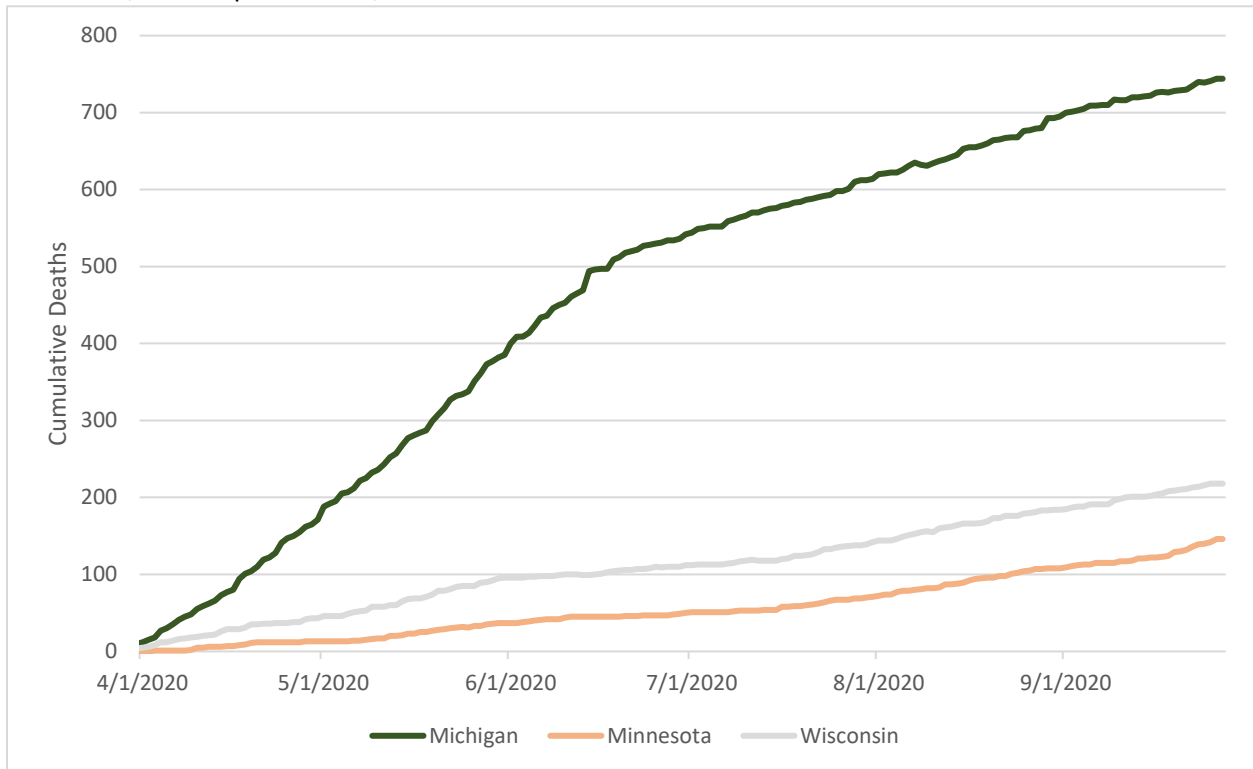
Figure 1. Cumulative COVID-19 cases (by week) on or near reservations in Michigan, Minnesota, and Wisconsin, as of September 28, 2020



¹CHSDAs are Contract Health Service Delivery Areas: counties that include or touch a reservation boundary



Figure 2. Cumulative COVID-19 deaths (by week) on or near reservations in Michigan, Minnesota, and Wisconsin, as of September 28, 2020



¹CHSDAs are Contract Health Service Delivery Areas: counties that include or touch a reservation boundary

Data Sources: 1) Michigan data from: <https://www.michigan.gov/coronavirus/0,9753,7-406-98163-520743--,00.html> retrieved on September 28, 2020 2) Minnesota data from: <https://www.health.state.mn.us/diseases/coronavirus/situation.html> retrieved on September 28, 2020 3) Wisconsin data from: <https://www.dhs.wisconsin.gov/covid-19/county.htm> retrieved on September 28, 2020 4) Weekly data (Figures 1 and 2) from: <https://github.com/nytimes/covid-19-data> retrieved on September 28, 2020 5) Population denominators (2018) retrieved from CDC WONDER Bridged Race Population Estimates database: <https://wonder.cdc.gov/>

