

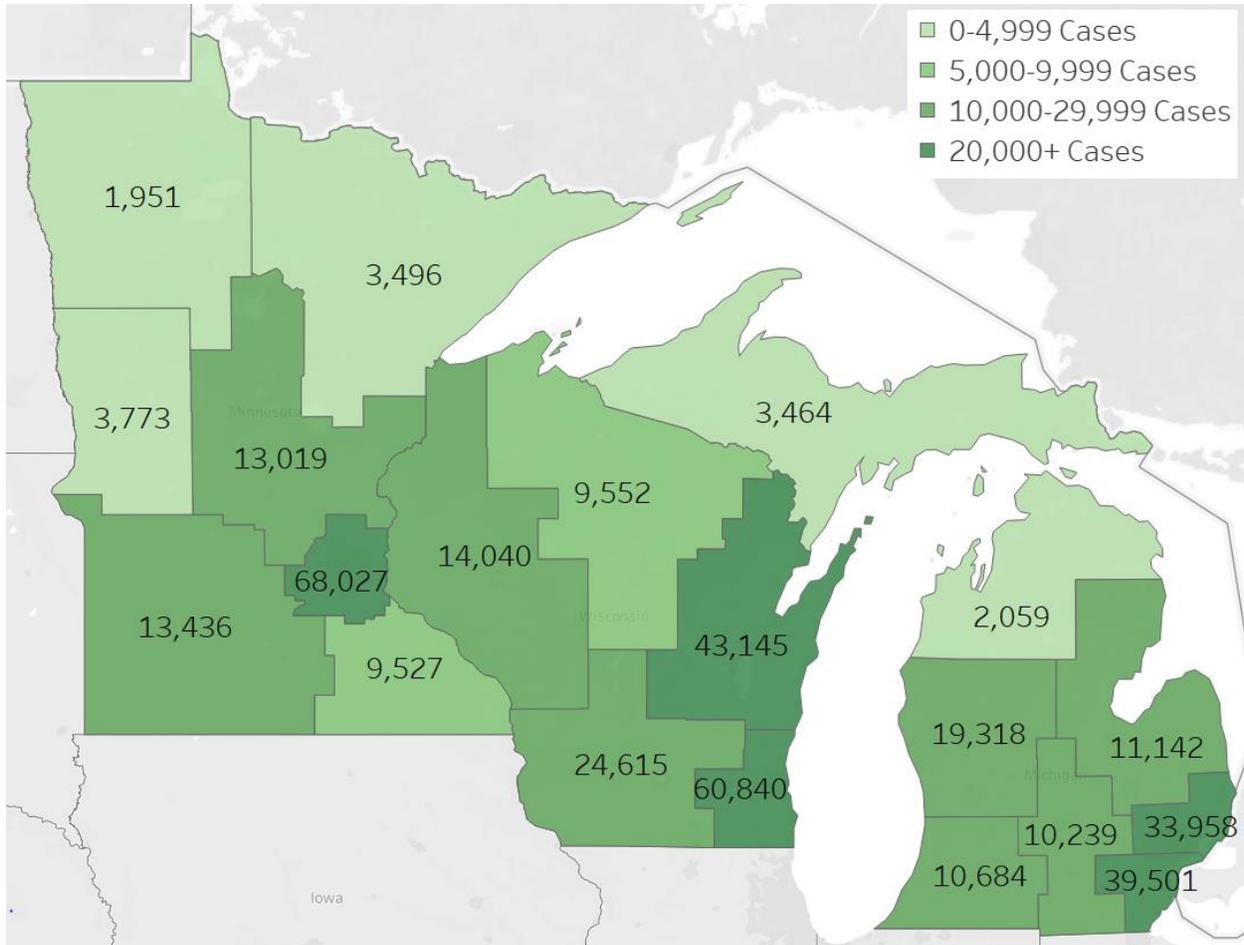
COVID-19 in the Bemidji IHS Area

Updated October 13, 2020

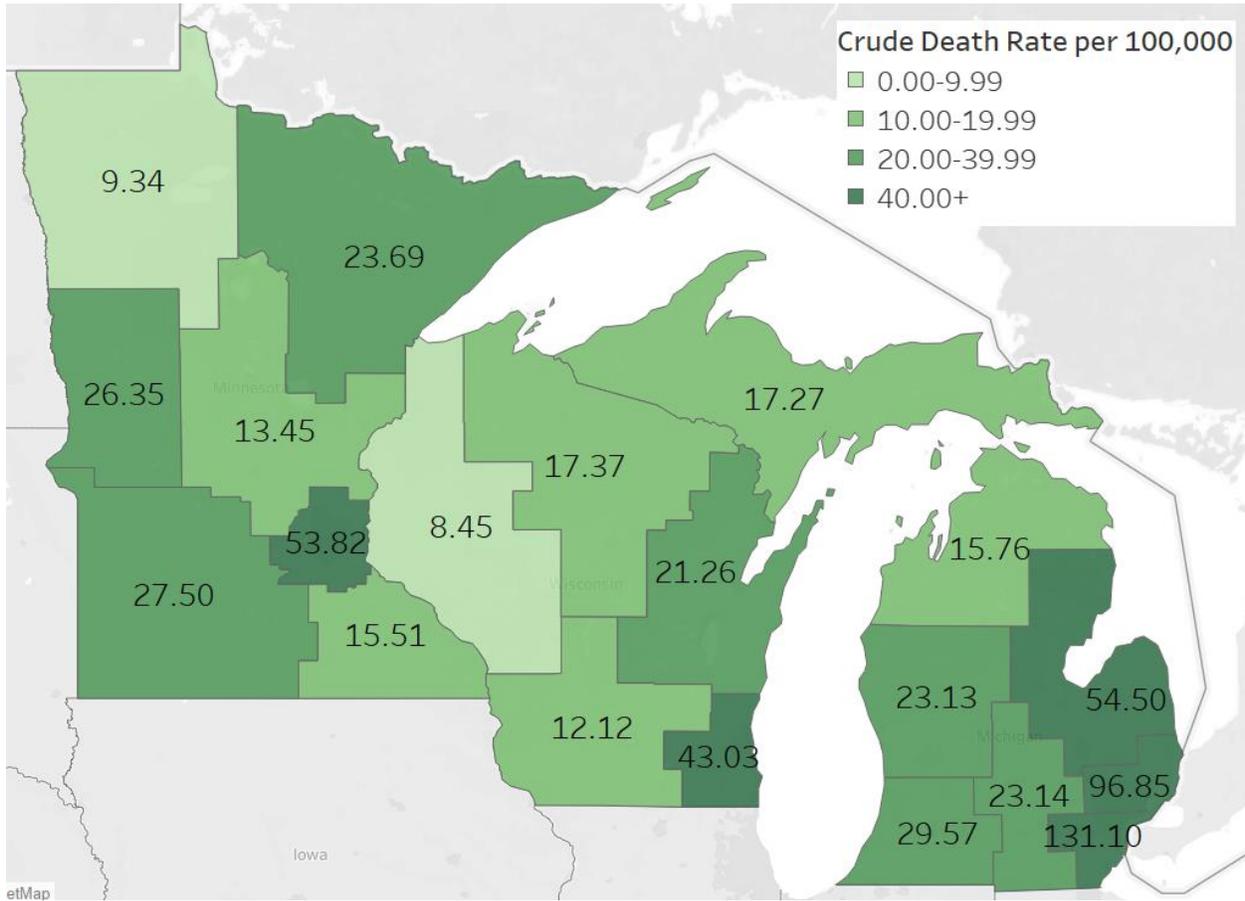
COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Wisconsin with 152,192 cases. This is followed by Michigan with 130,365 cases and Minnesota with 113,229 cases. The regions containing large cities such as Detroit, MI (over 73,000 cases), Minneapolis/St. Paul, MN (over 68,000 cases), and Milwaukee, WI (over 60,000 cases) have the largest number of cases. Additionally, the mortality rates in the Detroit metropolitan area are the highest of the three-state area. Most regions saw an increase in the number of new cases this week compared to last week, however two regions saw small decreases (Map 3).

Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of October 13, 2020



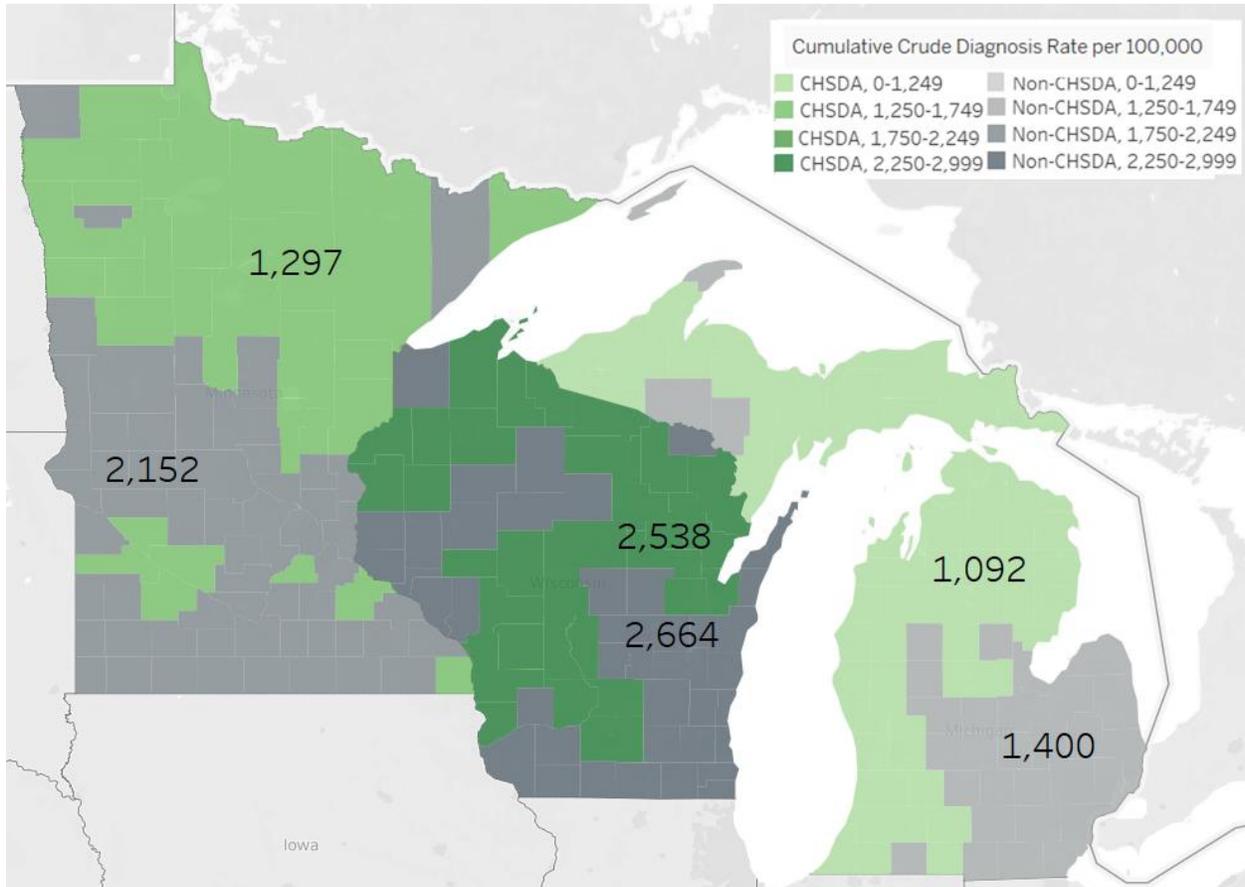
Map 2. Cumulative crude COVID-19 death rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of October 13, 2020



COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (2,538 cases per 100,000 people) than on or near reservations in Michigan and Minnesota (1,092 and 1,297 cases per 100,000, respectively). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (2,664 cases per 100,000).

Map 4. Cumulative COVID-19 crude diagnosis rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),¹ as of October 13, 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 October 13, 2020

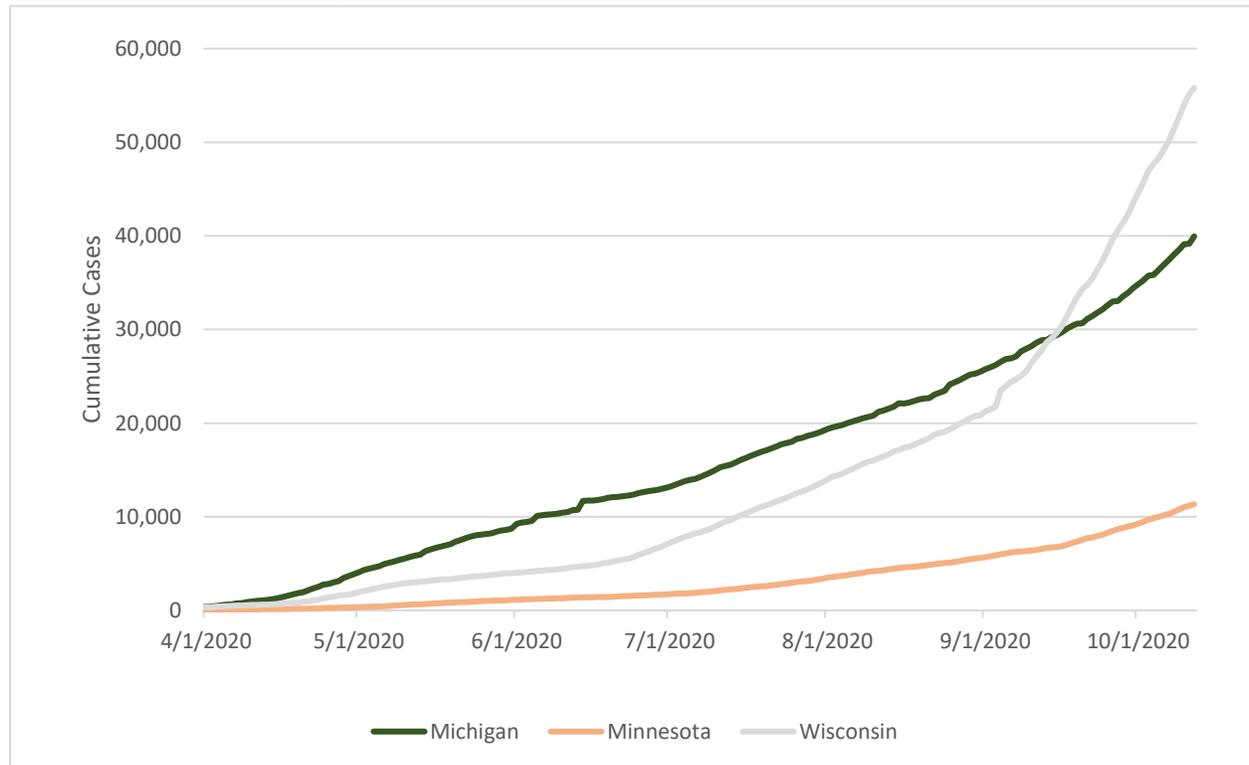
	Crude diagnosis rate (per 100,000)	Diagnosed cases (number)
Michigan	1,304	130,365
On or near reservations (CHSDAs)	1,092	33,930
Not on or near reservations (non-CHSDA)	1,400	96,435
Minnesota	2,018	113,229
On or near reservations (CHSDAs)	1,297	11,374
Not on or near reservations (non-CHSDA)	2,152	101,855
Wisconsin	2,618	152,192
On or near reservations (CHSDAs)	2,538	53,891
Not on or near reservations (non-CHSDA)	2,664	98,301
Three-state area total	1,848	395,786

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).

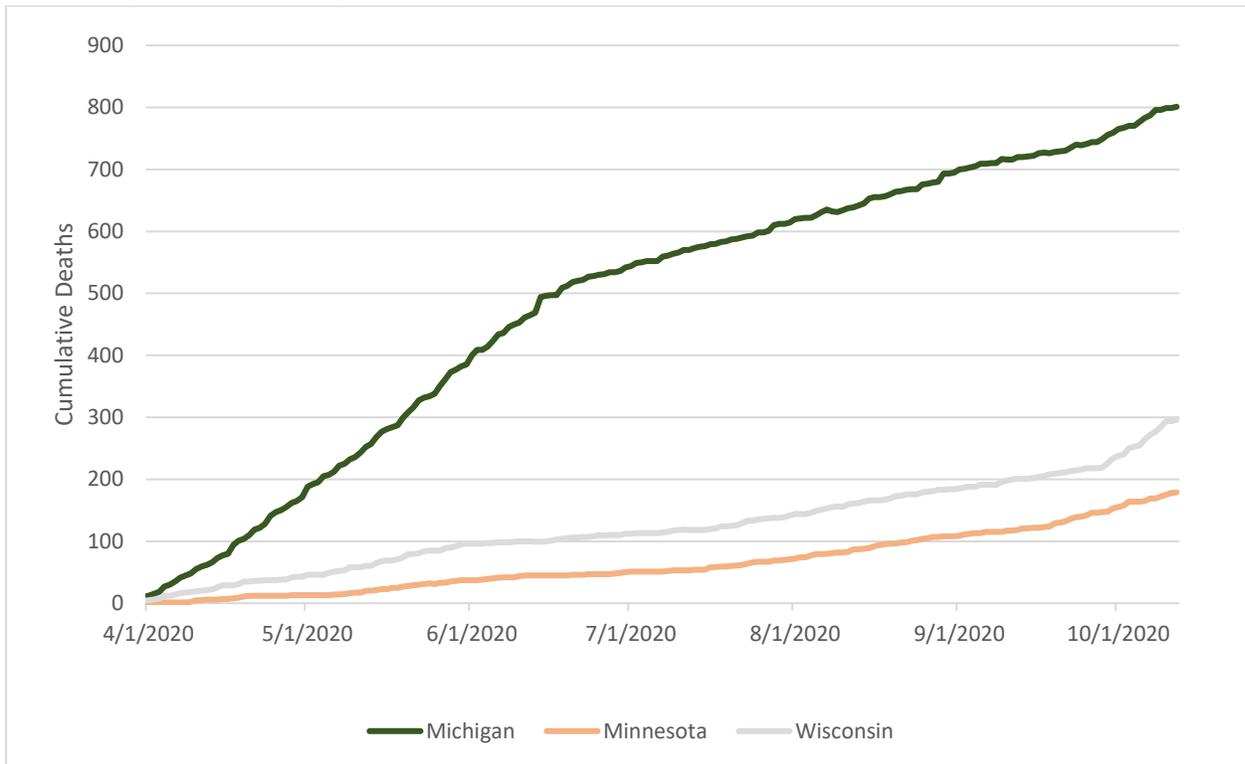
Figure 1. Cumulative COVID-19 cases (by week) on or near reservations in Michigan, Minnesota, and Wisconsin, as of October 13, 2020



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 October 13, 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 October 13, 2020 2) Minnesota data from: <https://www.health.state.mn.us/diseases/coronavirus/situation.html> retrieved on October 13, 2020 3) Wisconsin data from: <https://www.dhs.wisconsin.gov/covid-19/county.htm> retrieved on October 13, 2020 4) Weekly data (Figures 1 and 2) from: <https://github.com/nytimes/covid-19-data> retrieved on October 13, 2020 5) Population denominators (2018) retrieved from CDC WONDER Bridged Race Population Estimates database: <https://wonder.cdc.gov/>

