

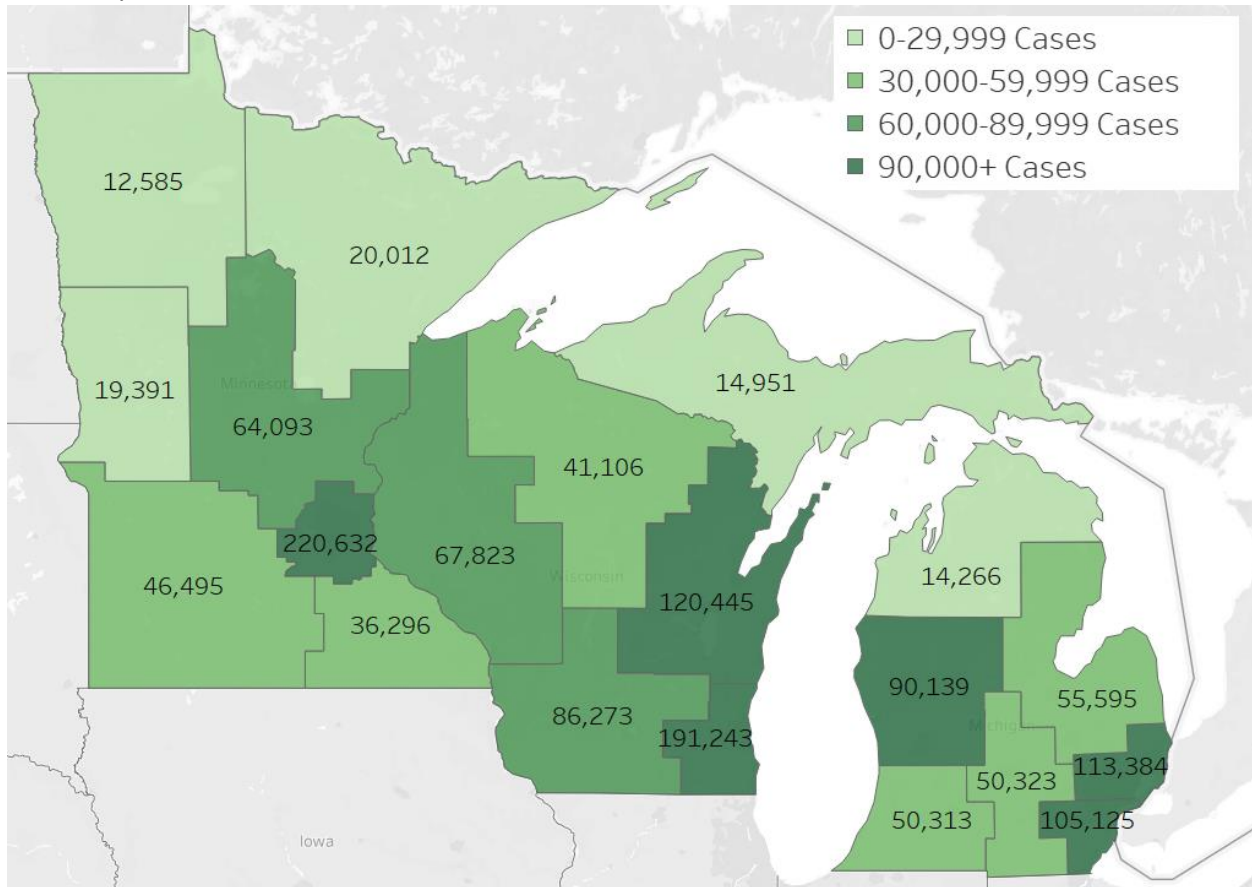
# COVID-19 in the Bemidji IHS Area

Updated January 11, 2021

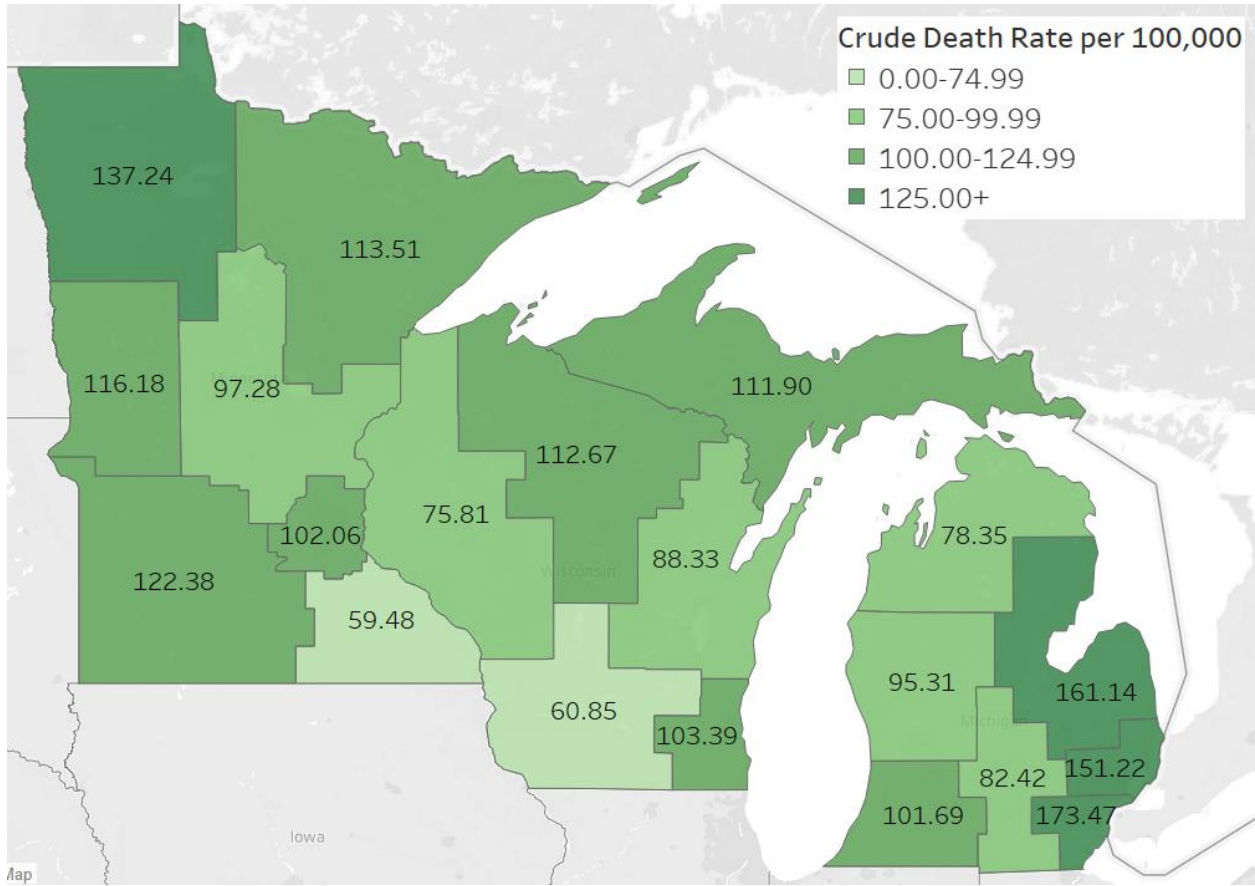
## COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Wisconsin with 506,890 cases. This is followed by Michigan with 494,096 cases and Minnesota with 419,504 cases. The regions containing large cities such as Detroit, MI (over 218,000 cases), Minneapolis/St. Paul, MN (over 220,000 cases), and Milwaukee, WI (over 191,000 cases) have the largest number of cases. Additionally, the mortality rates in the Detroit metropolitan area are the highest of the three-state area. All regions saw an increase in new cases this week compared to the number of new cases last week (Map 3).

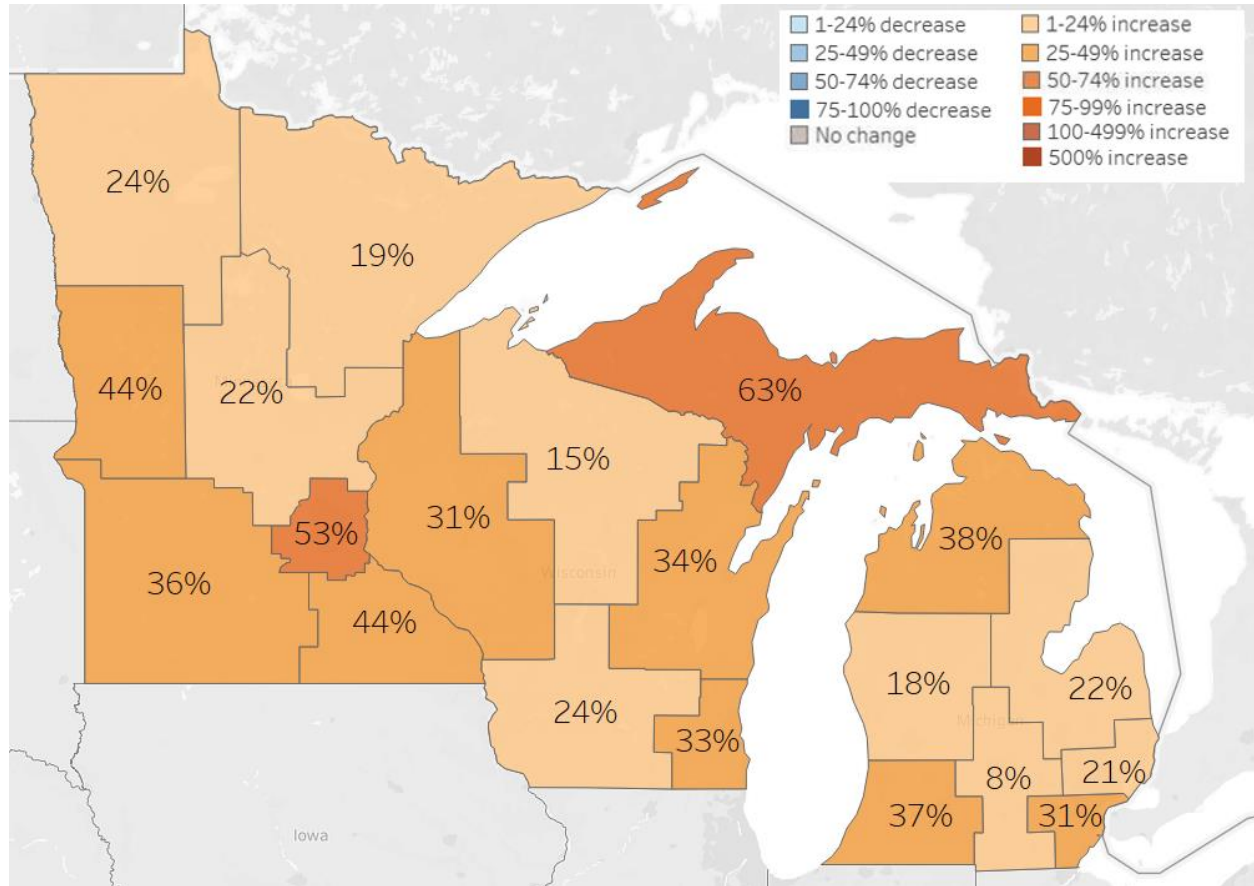
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of January 11, 2021



Map 2. Cumulative crude COVID-19 death rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of January 11, 2021



Map 3. Percent change in new COVID-19 cases over the last week, January 4 to January 11, 2021, in Michigan, Minnesota, and Wisconsin, by public health region, as of January 11, 2021



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 January 11, 2021

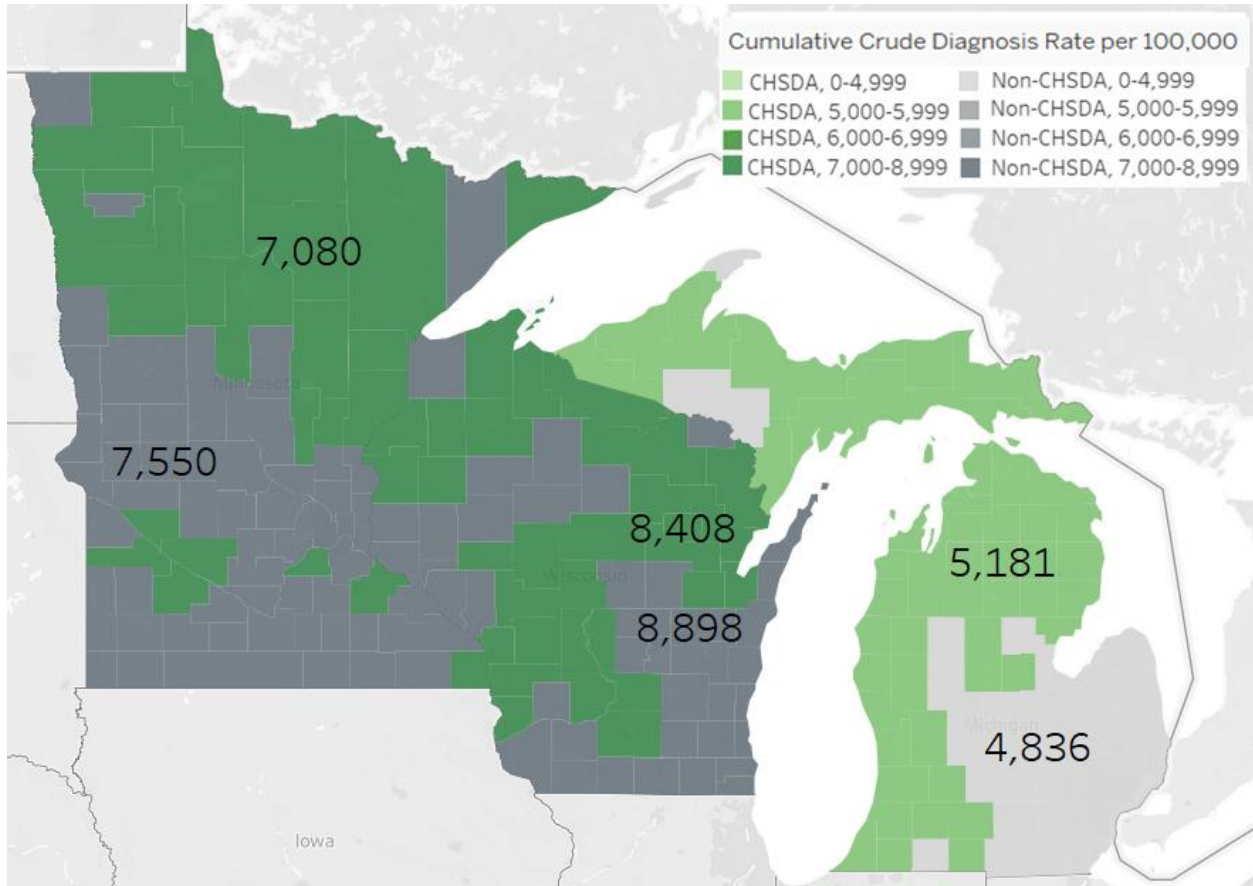
	Diagnosed cases (number)	Deaths (number)	Crude death rate (per 100,000)
Michigan	494,096	13,210	132.15
Minnesota	419,504	5,707	101.71
Wisconsin	506,890	5,157	88.71
Three-state area total	1,420,490	24,074	112.39



## COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (8,408 cases per 100,000 people) than on or near reservations in Michigan and Minnesota (5,181 and 7,080 cases per 100,000, respectively). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (8,898 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),<sup>1</sup> as of January 11, 2021



<sup>1</sup>CHSDAs 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),<sup>1</sup> as of January 11, 2021

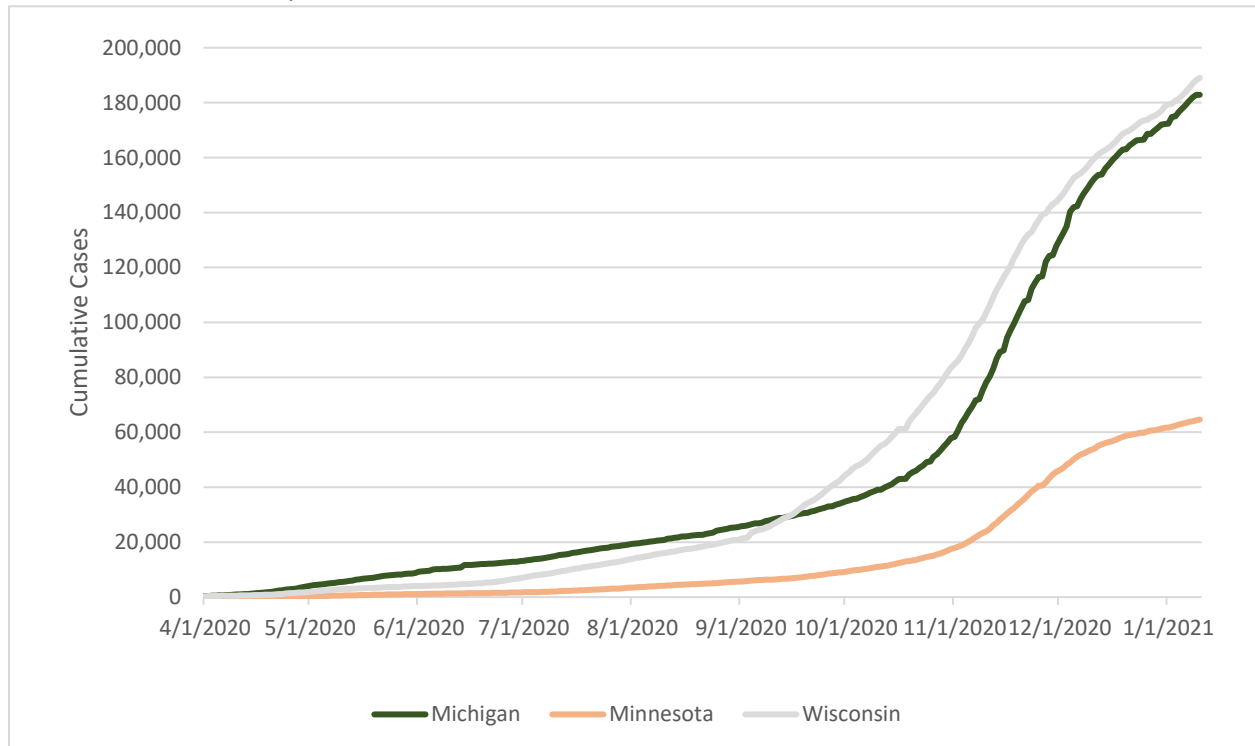
	Crude diagnosis rate (per 100,000)	Diagnosed cases (number)
Michigan	4,943	494,096
On or near reservations (CHSDAs)	5,181	161,026
Not on or near reservations (non-CHSDA)	4,836	333,070
Minnesota	7,476	419,504
On or near reservations (CHSDAs)	7,080	62,098
Not on or near reservations (non-CHSDA)	7,550	357,406
Wisconsin	8,719	506,890
On or near reservations (CHSDAs)	8,408	178,543
Not on or near reservations (non-CHSDA)	8,898	328,347
Three-state area total	6,631	1,420,490

<sup>1</sup>CHSDAs 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 January 11, 2021

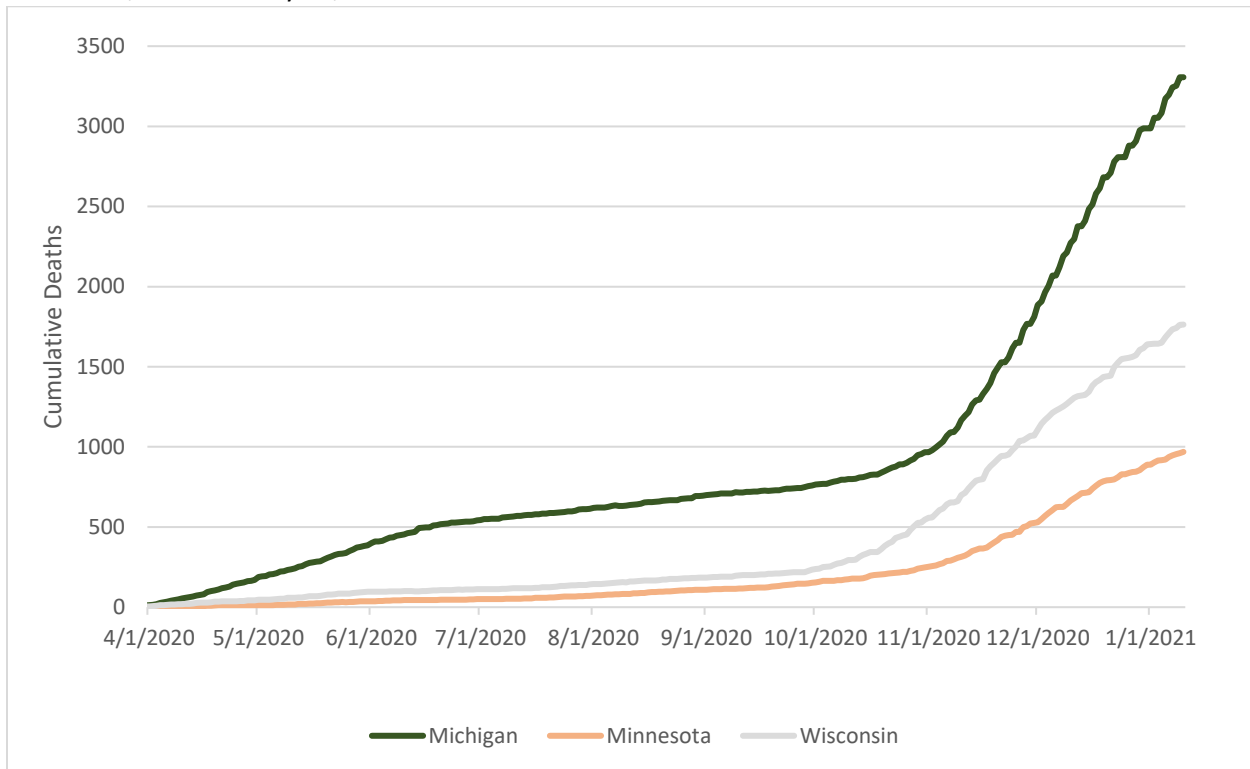


<sup>1</sup>CHSDAs are Contract Health Service Delivery Areas: counties that include or touch a reservation boundary





Figure 2. Cumulative COVID-19 deaths (by week) on or near reservations in Michigan, Minnesota, and Wisconsin, as of January 11, 2021



<sup>1</sup>CHSDAs 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 January 11, 2021 2) Minnesota data from: <https://www.health.state.mn.us/diseases/coronavirus/situation.html> retrieved on January 11, 2021 3) Wisconsin data from: <https://www.dhs.wisconsin.gov/covid-19/county.htm> retrieved on January 11, 2021 4) Weekly data (Figures 1 and 2) from: <https://github.com/nytimes/covid-19-data> retrieved on January 11, 2021 5) Population denominators (2018) retrieved from CDC WONDER Bridged Race Population Estimates database: <https://wonder.cdc.gov/>

