



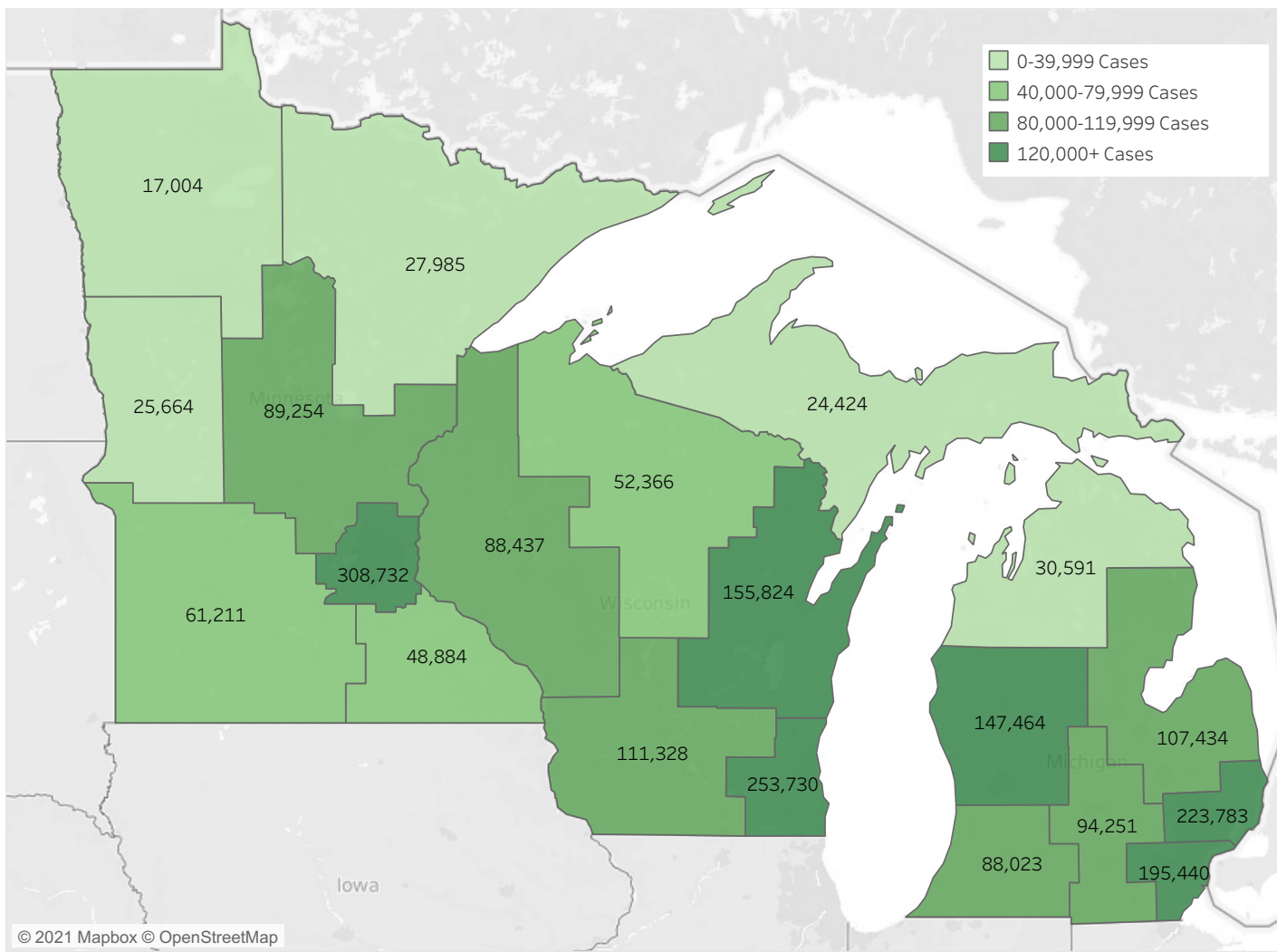
# COVID-19 in the Bemidji IHS Area

Updated: May 2, 2021

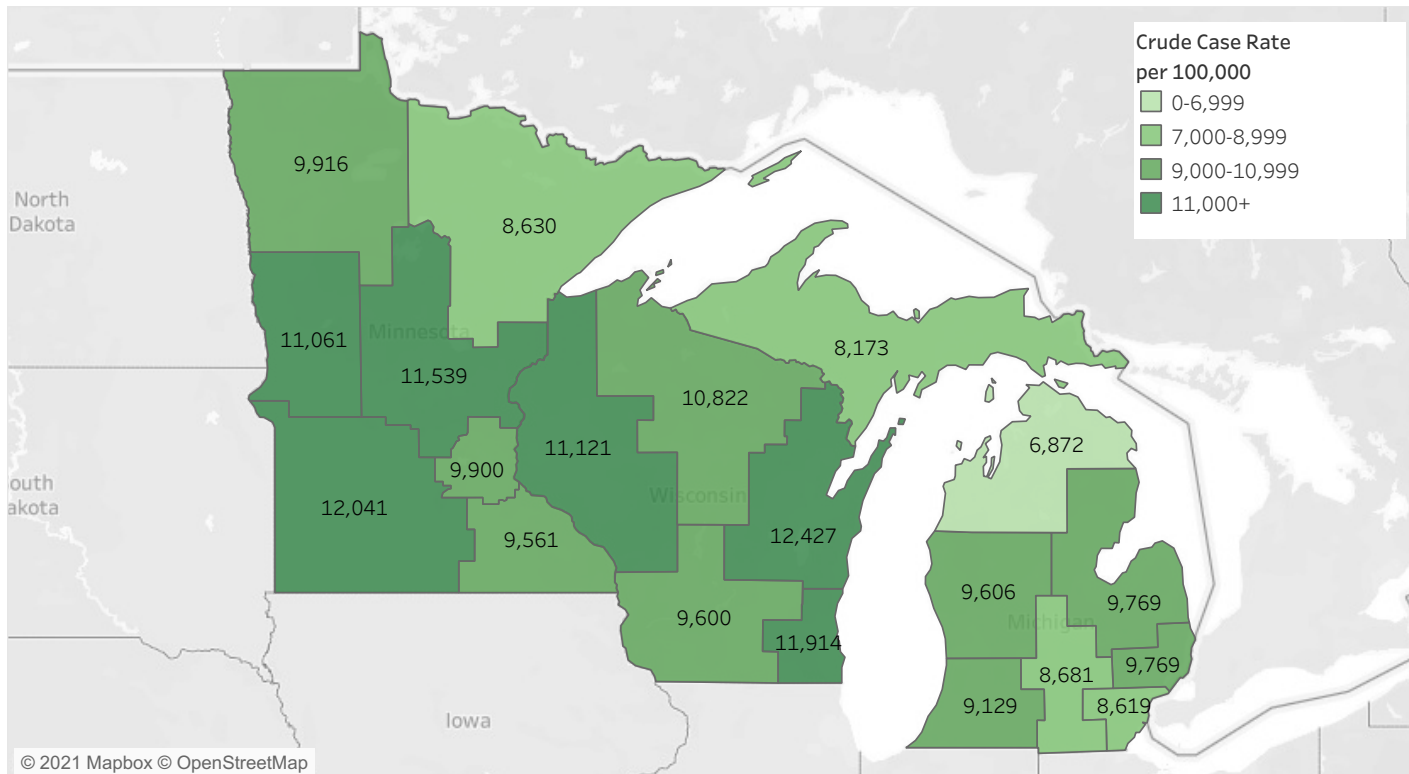
## COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 911,410 cases. This is followed by Wisconsin with 661,685 cases and Minnesota with 578,734 cases. More than half of the regions saw a decrease in new cases last week compared to the week prior (Map 4).

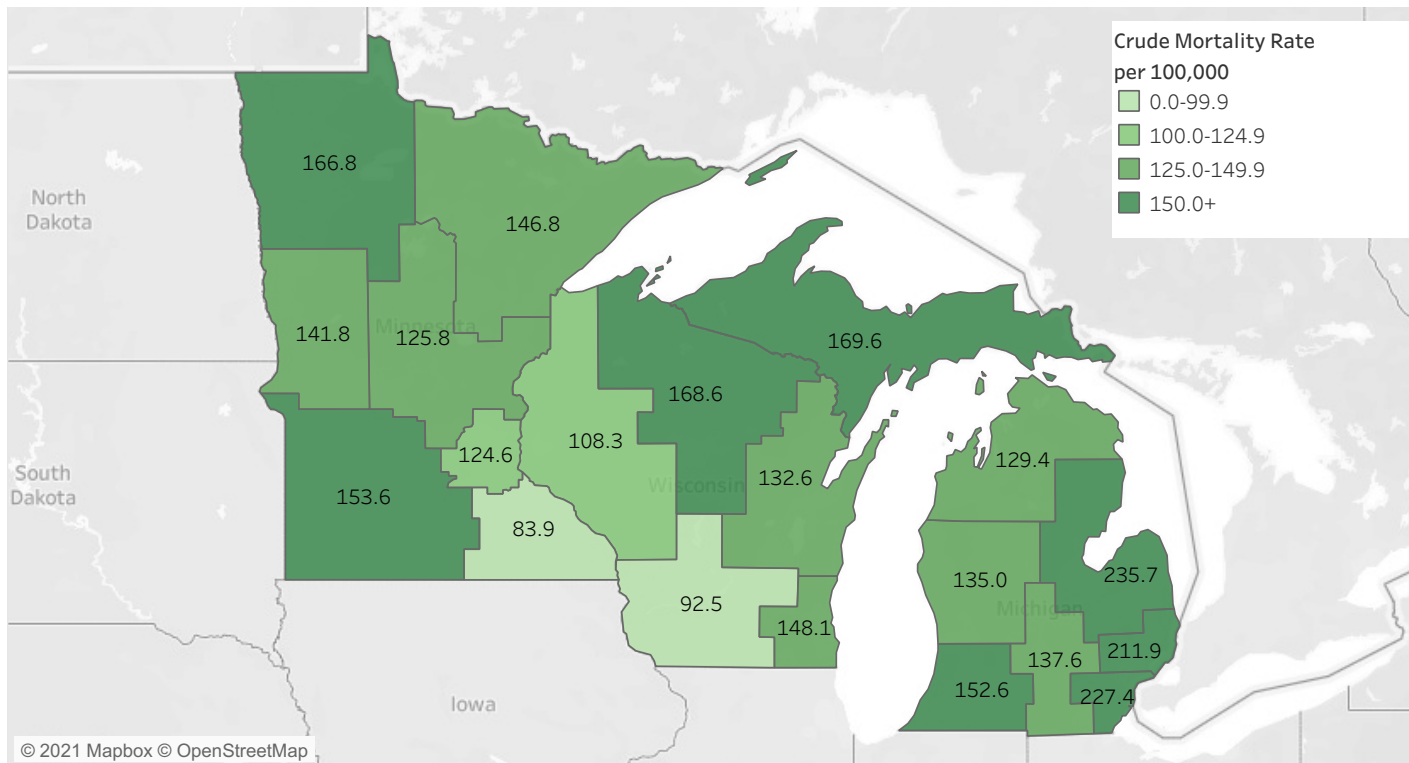
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of May 2, 2021



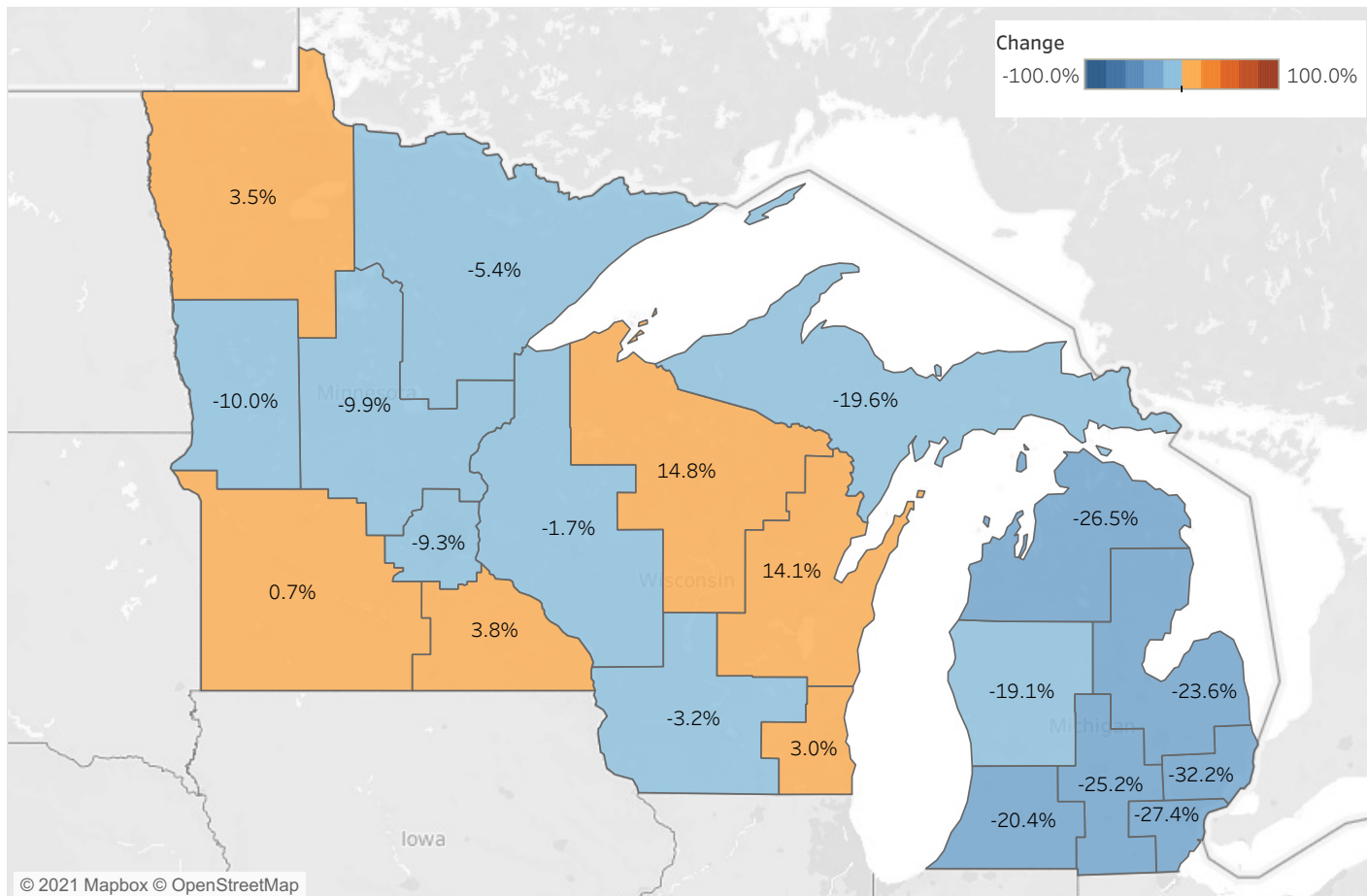
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of May 2, 2021



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of May 2, 2021



Map 4. Percent change in new COVID-19 cases over the last week, April 25, 2021 to May 2, 2021, in Michigan, Minnesota, and Wisconsin, by public health region, as of May 2, 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 May 2, 2021

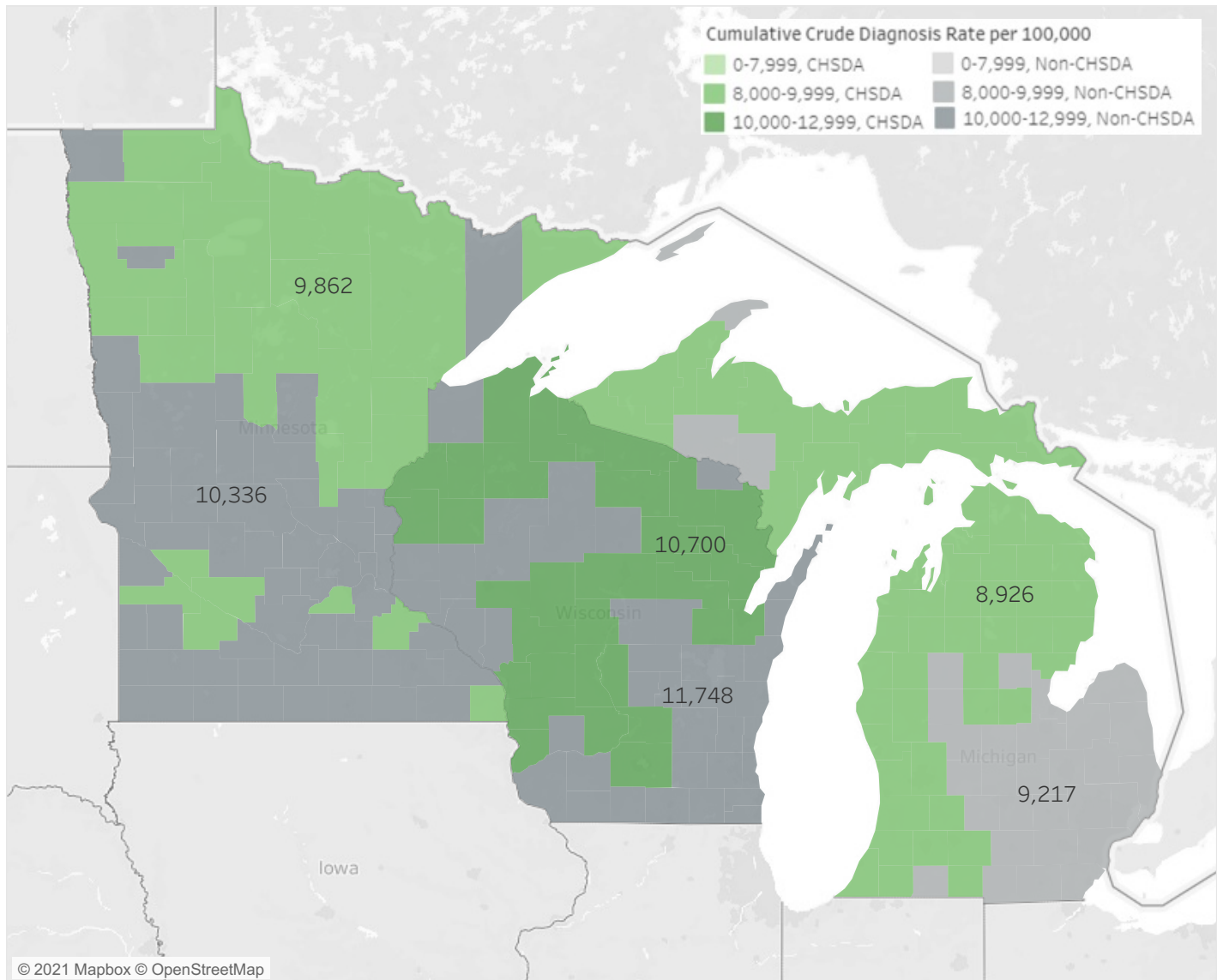
	Cases	Case Rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	911,410	9,126.1	18,723	187.5
Minnesota	578,734	10,261.9	7,160	127.0
Wisconsin	661,685	11,364.4	7,567	130.0
Three-State Area	2,151,829	10,032.3	33,450	156.0



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

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (10,700 cases per 100,000 people) than on or near reservations in Minnesota (9,862 cases per 100,000) and Michigan (8,926 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (11,748 cases per 100,000).

Map 5. Cumulative COVID-19 crude diagnosis rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),<sup>1</sup> as of May 2, 2021



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



Table 2. Cumulative COVID-19 cases, crude diagnosis rates (per 100,000), deaths, and crude mortality rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),<sup>1</sup> as of May 2, 2021

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	277,702	8,926	4,434	143
	Non-CHSDA	633,708	9,217	14,289	208
	Statewide	<b>911,410</b>	<b>9,126</b>	<b>18,723</b>	<b>187</b>
Minnesota	CHSDA	86,623	9,862	1,235	141
	Non-CHSDA	492,111	10,336	5,925	124
	Statewide	<b>578,734</b>	<b>10,262</b>	<b>7,160</b>	<b>127</b>
Wisconsin	CHSDA	227,984	10,700	2,384	112
	Non-CHSDA	433,701	11,748	5,183	140
	Statewide	<b>661,685</b>	<b>11,364</b>	<b>7,567</b>	<b>130</b>
<b>Three-State</b>		<b>2,151,829</b>	<b>10,032</b>	<b>33,450</b>	<b>156</b>

<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 Michigan (277,702 cases), followed by Wisconsin (227,984 cases) and Minnesota (86,623 cases) (Figure 1). Cumulative COVID-19 deaths are highest on or near reservations in Michigan and lower in Wisconsin and Minnesota (Figure 3).

Figure 1. Cumulative COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of May 2, 2021

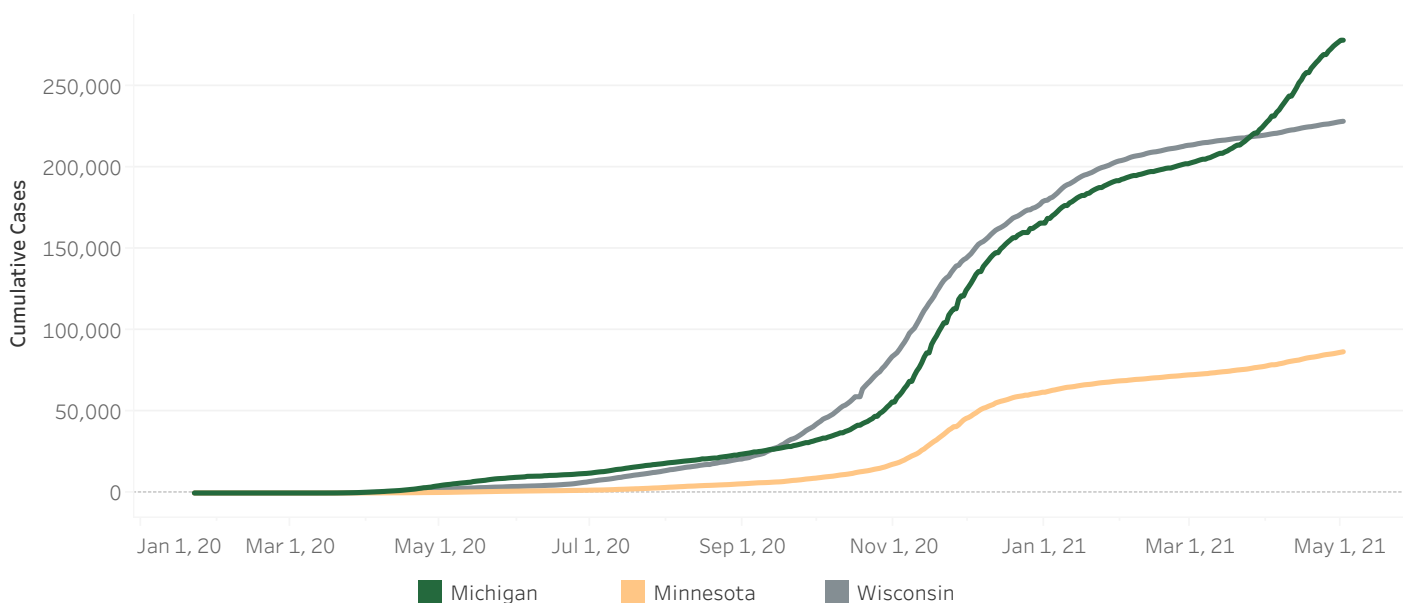
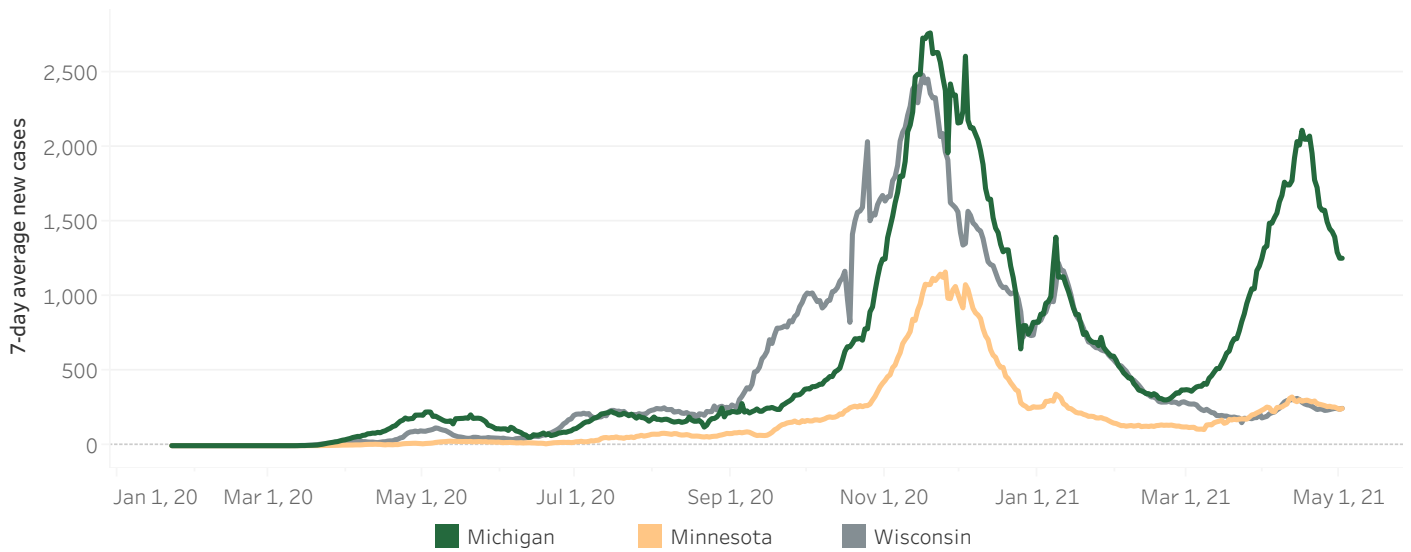
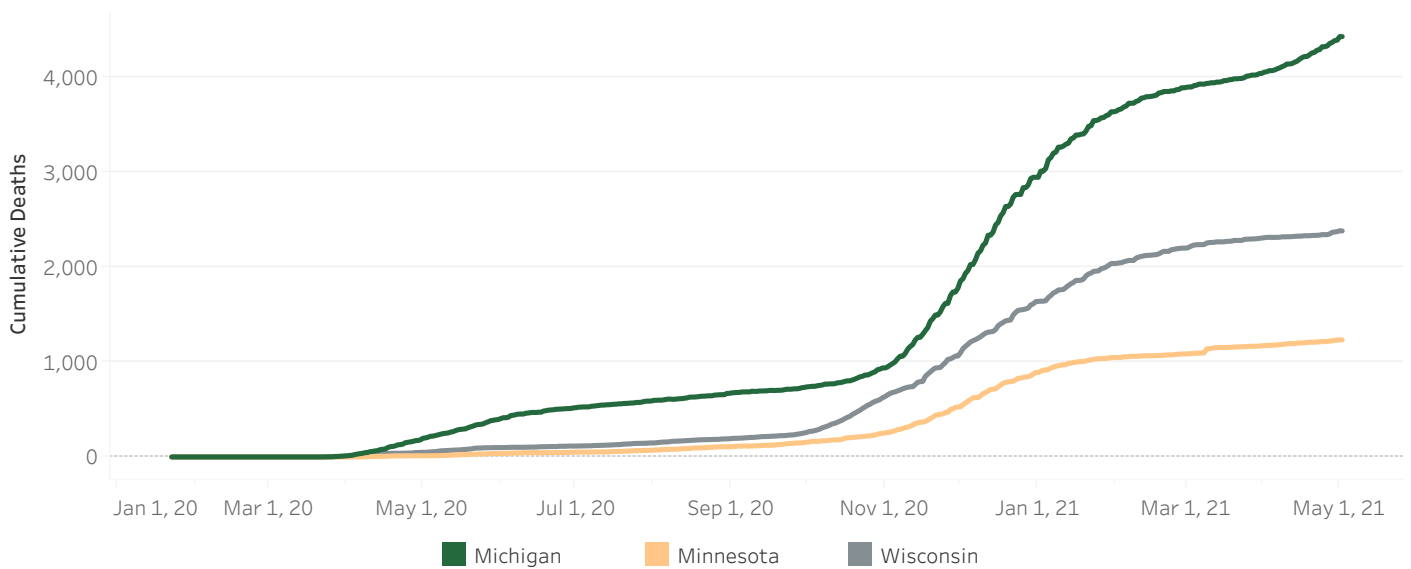


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of May 2, 2021



NOTE: A positive ("up") sloped line indicates new cases are increasing, a flat slope indicates new cases are remaining steady, a negative ("down") slope indicates new cases are decreasing.

Figure 3. Cumulative COVID-19 deaths on or near reservations in Michigan, Minnesota, and Wisconsin, as of May 2, 2021



Data Note: Cases and deaths reported are confirmed and probable.

Data Source: COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University: <https://github.com/CSSEGISandDATA/COVID-19> retrieved on May 2, 2021

