



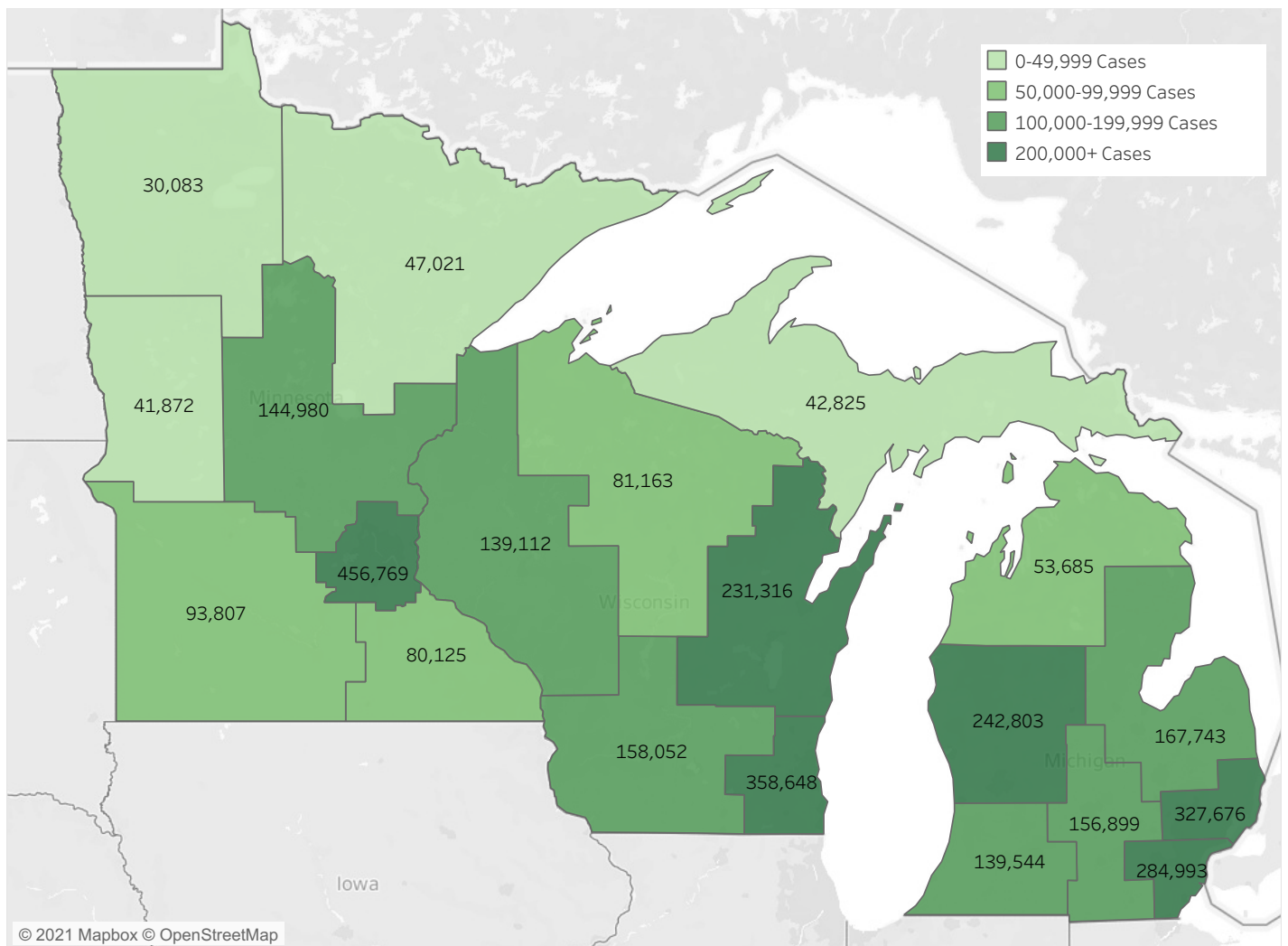
# COVID-19 in the Bemidji IHS Area

Updated: November 28, 2021

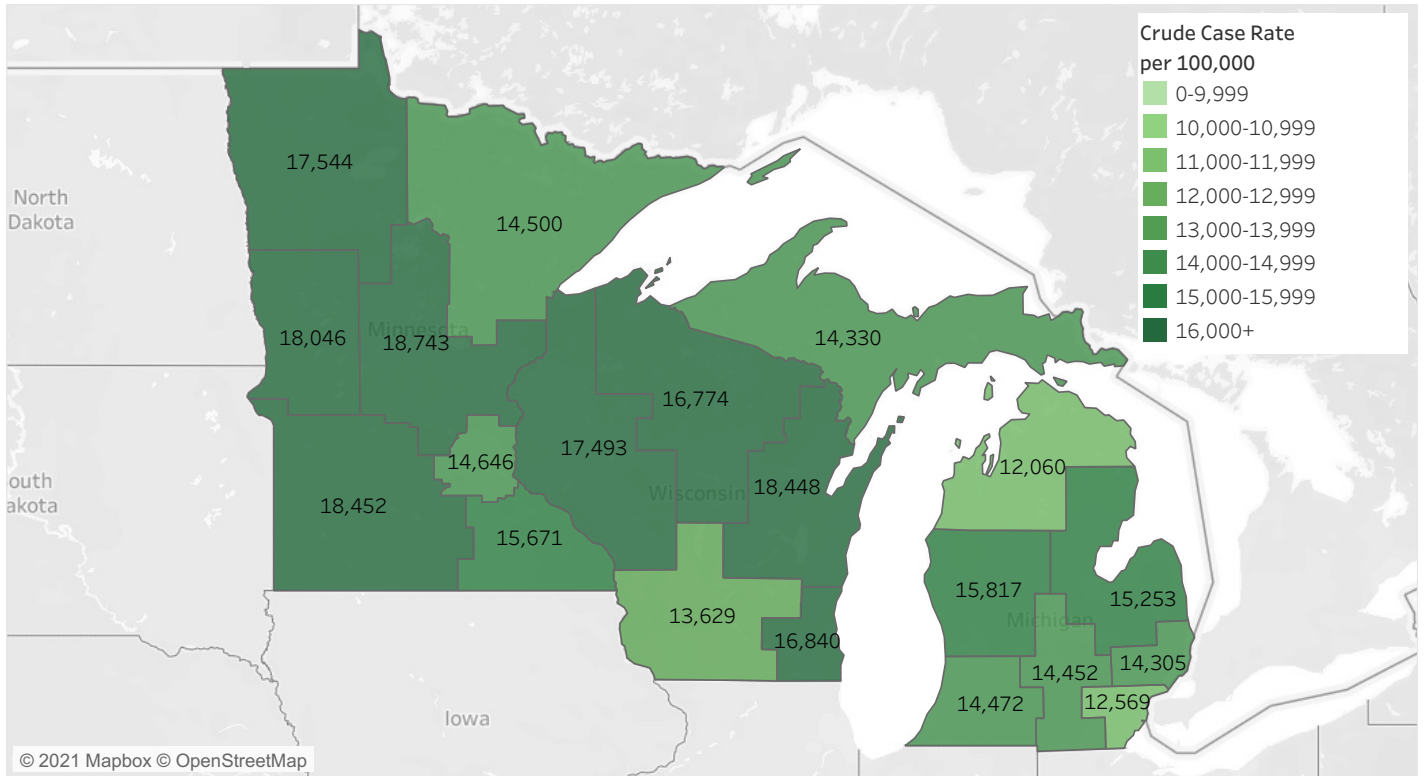
## COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 1,416,168 cases. This is followed by Wisconsin with 968,291 cases and Minnesota with 894,657 cases. The majority of regions saw a decrease in new cases last week compared to the week prior (Map 4).

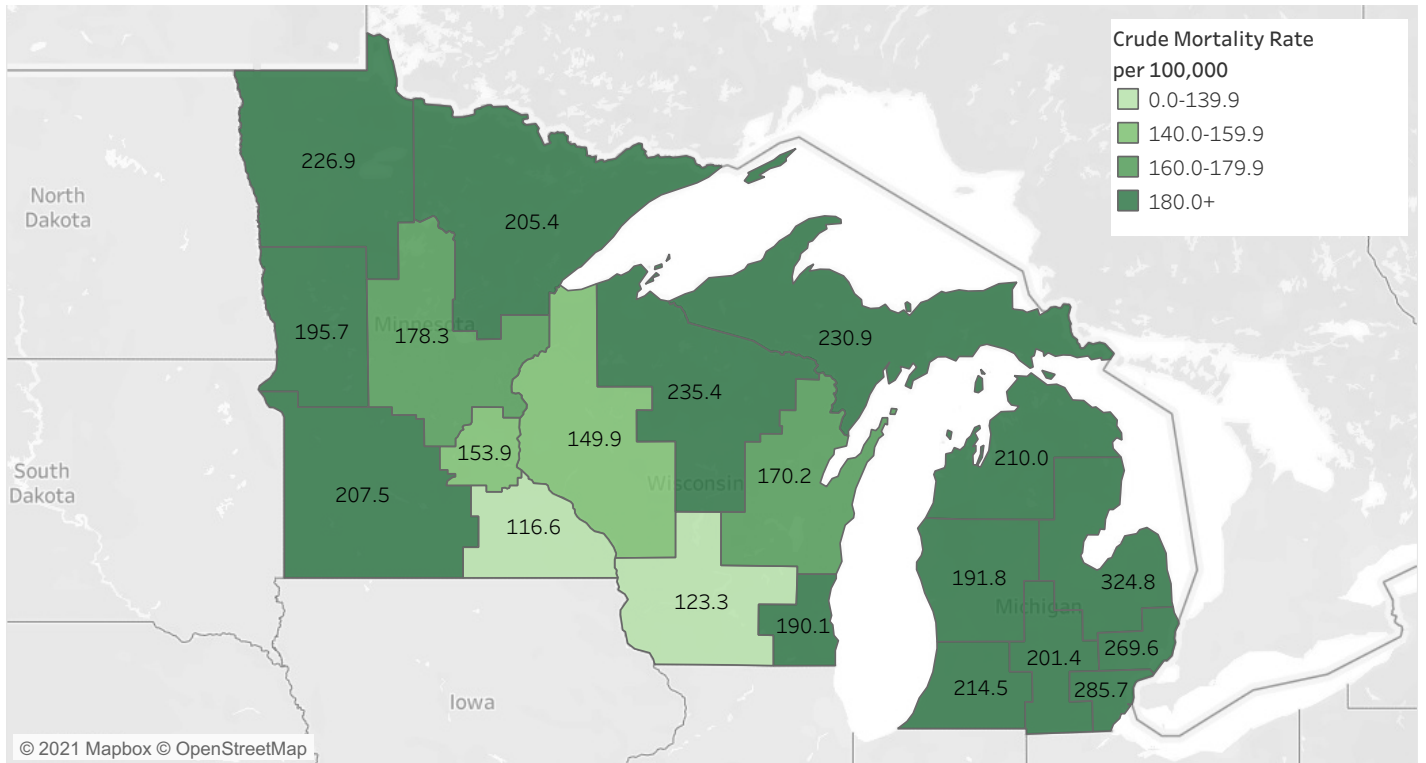
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of November 28, 2021



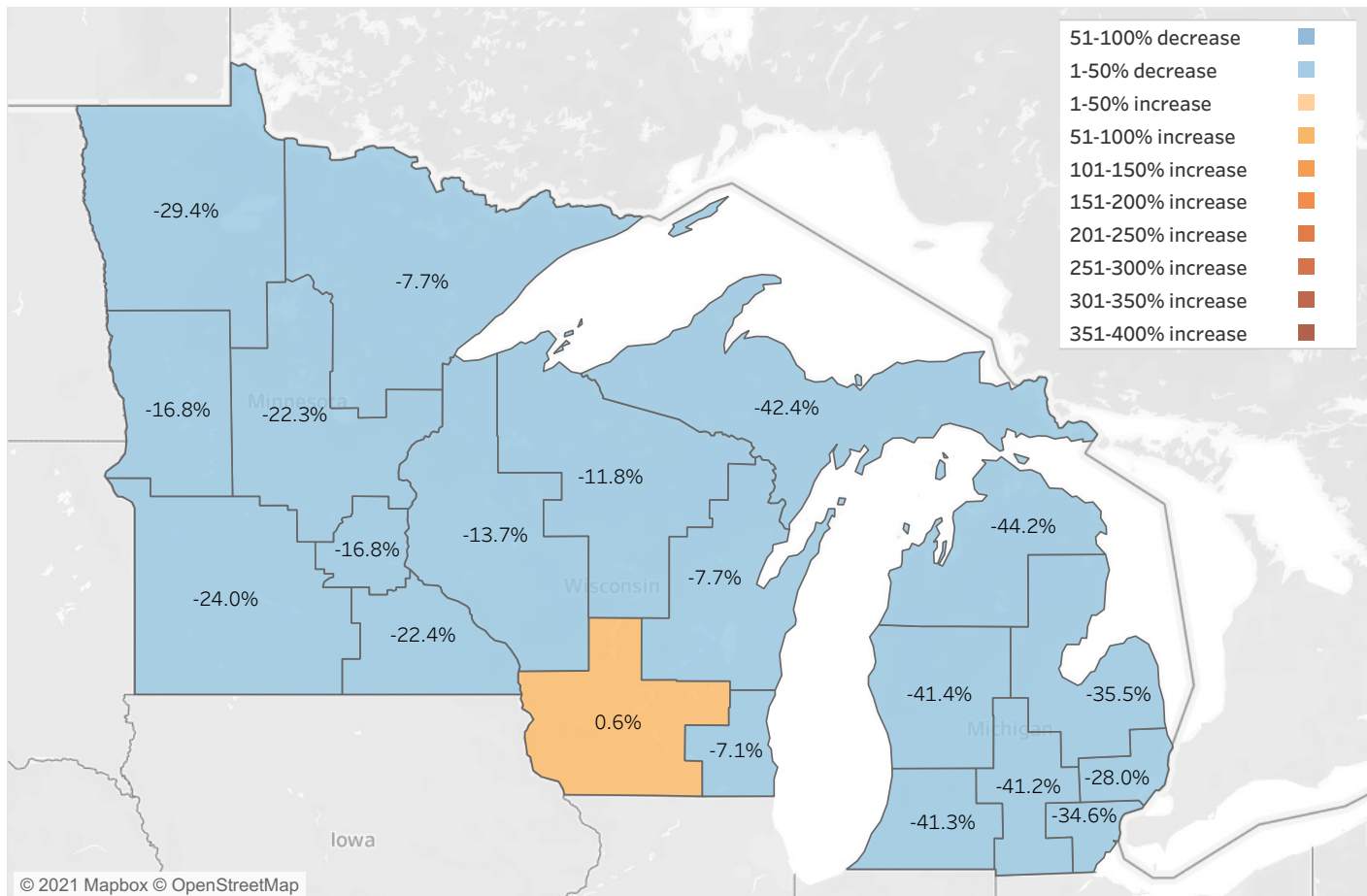
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of November 28, 2021



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of November 28, 2021



Map 4. Percent change in new COVID-19 cases over the last week, November 21, 2021 to November 28, 2021, in Michigan, Minnesota, and Wisconsin, by public health region, as of November 28, 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 November 28, 2021

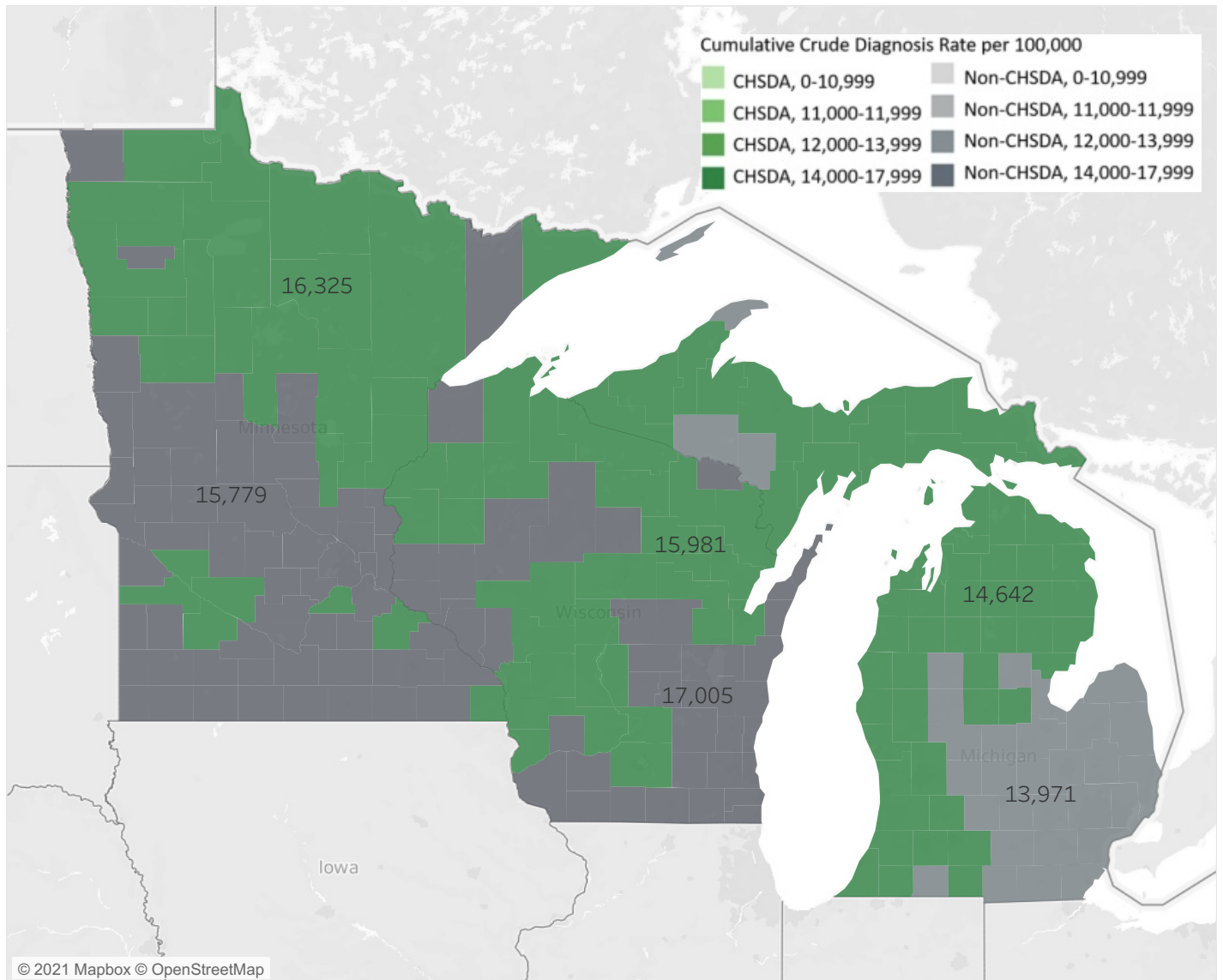
	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	1,416,168	14,180.3	25,051	250.8
Minnesota	894,657	15,863.7	9,338	165.6
Wisconsin	968,291	16,630.3	9,944	170.8
Three-State Area	3,279,116	15,288.0	44,333	206.7



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

COVID-19 diagnosis rates are higher on or near reservations in Minnesota (16,325 cases per 100,000 people) than on or near reservations in Wisconsin (15,981 cases per 100,000) and Michigan (14,642 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (17,005 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 November 28, 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 November 28, 2021

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	455,565	14,642	6,451	207
	Non-CHSDA	960,603	13,971	18,600	271
	Statewide	<b>1,416,168</b>	<b>14,180</b>	<b>25,051</b>	<b>251</b>
Minnesota	CHSDA	143,388	16,325	1,728	197
	Non-CHSDA	751,269	15,779	7,610	160
	Statewide	<b>894,657</b>	<b>15,864</b>	<b>9,338</b>	<b>166</b>
Wisconsin	CHSDA	340,503	15,981	3,141	147
	Non-CHSDA	627,788	17,005	6,803	184
	Statewide	<b>968,291</b>	<b>16,630</b>	<b>9,944</b>	<b>171</b>
<b>Three-State</b>		<b>3,279,116</b>	<b>15,288</b>	<b>44,333</b>	<b>207</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 (455,565 cases), followed by Wisconsin (340,503 cases) and Minnesota (143,388 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 November 28, 2021

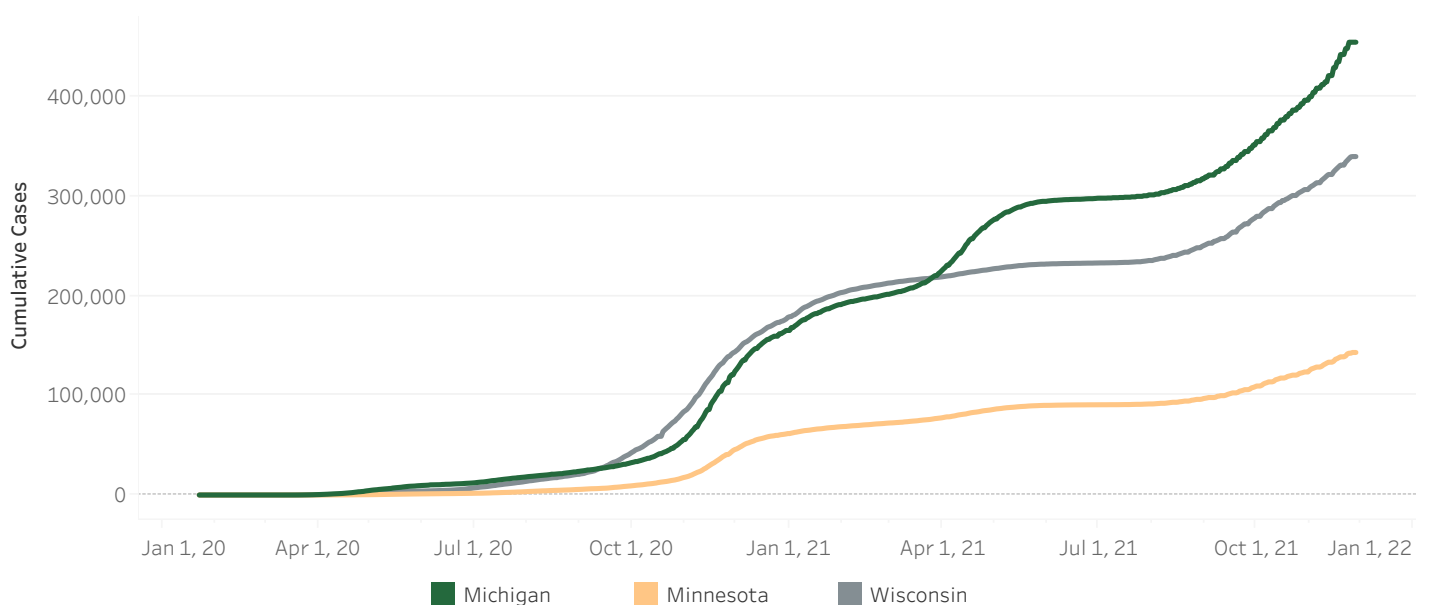
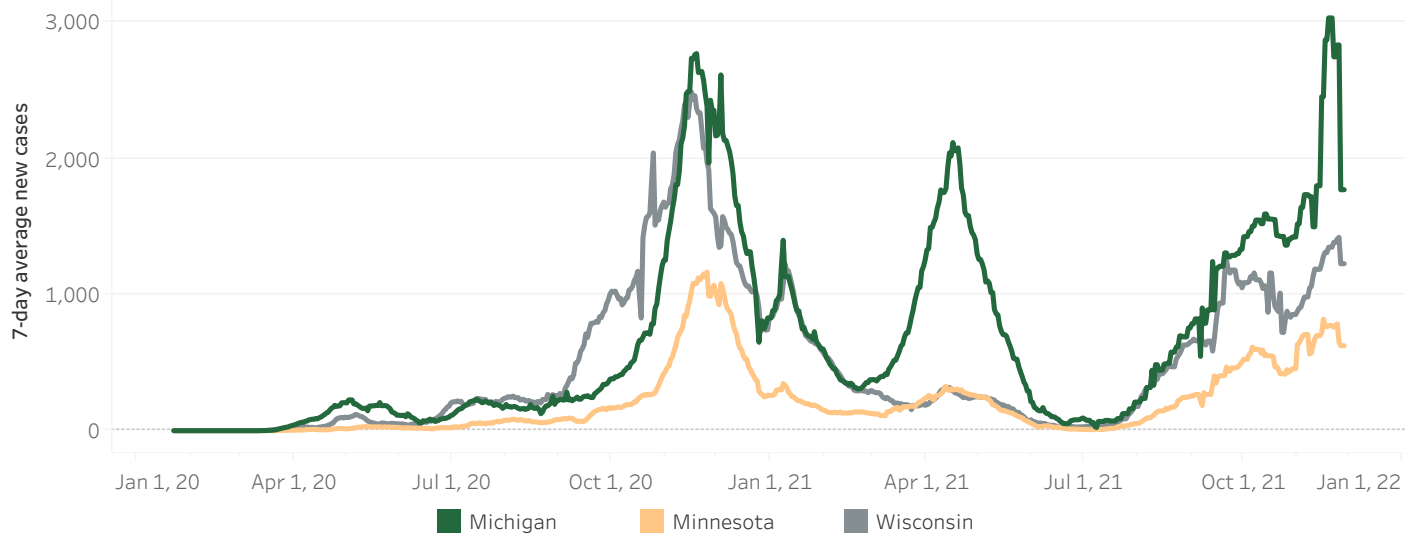
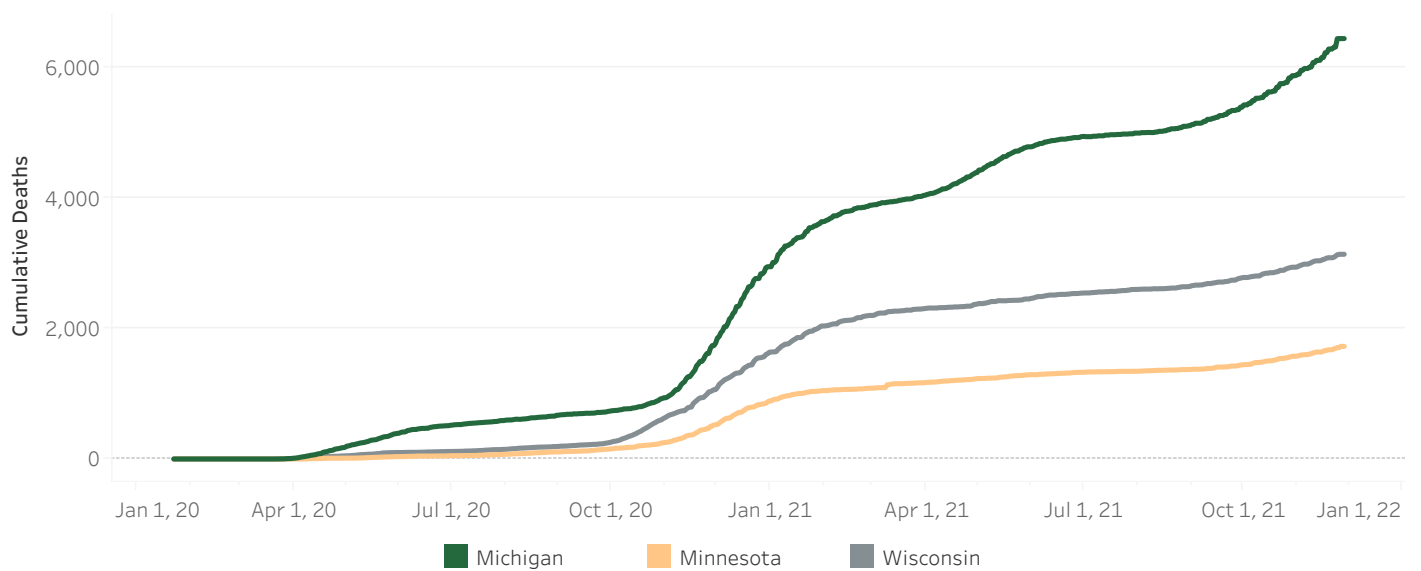


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of November 28, 2021



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 November 28, 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 November 28, 2021

