



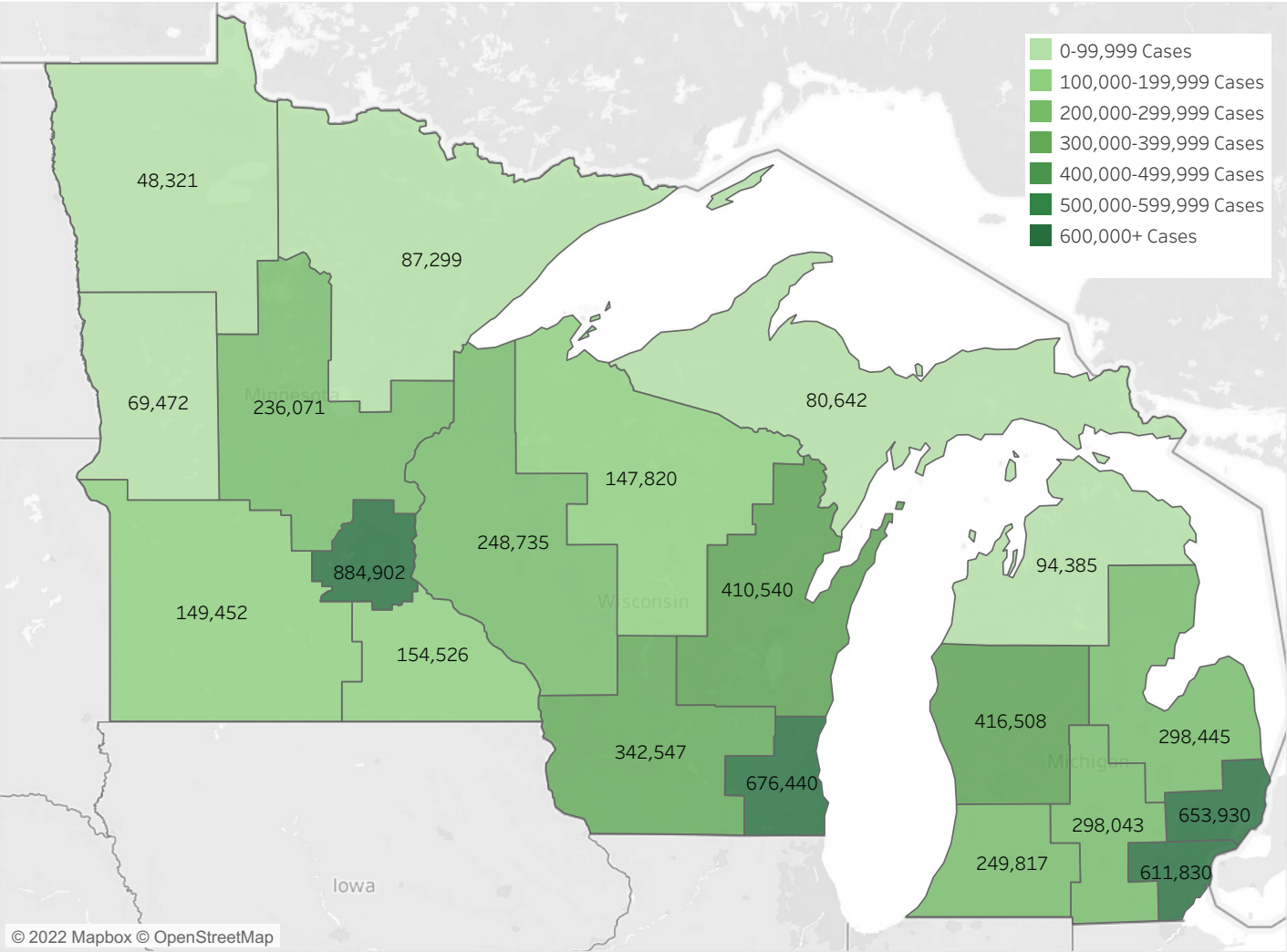
# COVID-19 in the Bemidji IHS Area

Updated: August 28, 2022

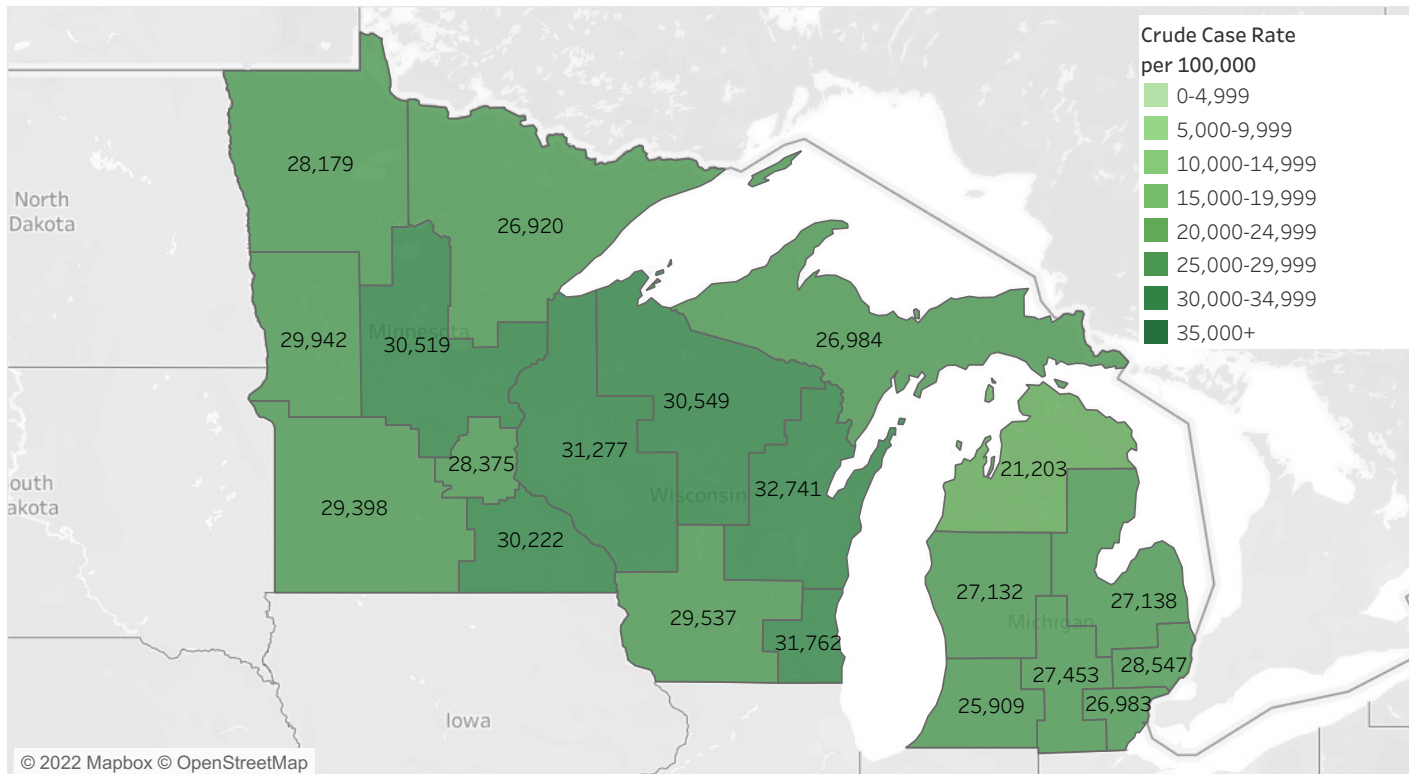
## COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 2,703,600 cases. This is followed by Wisconsin with 1,826,082 cases and Minnesota with 1,630,043 cases. More than half of the regions saw a decrease in new cases last week compared to the week prior (Map 4).

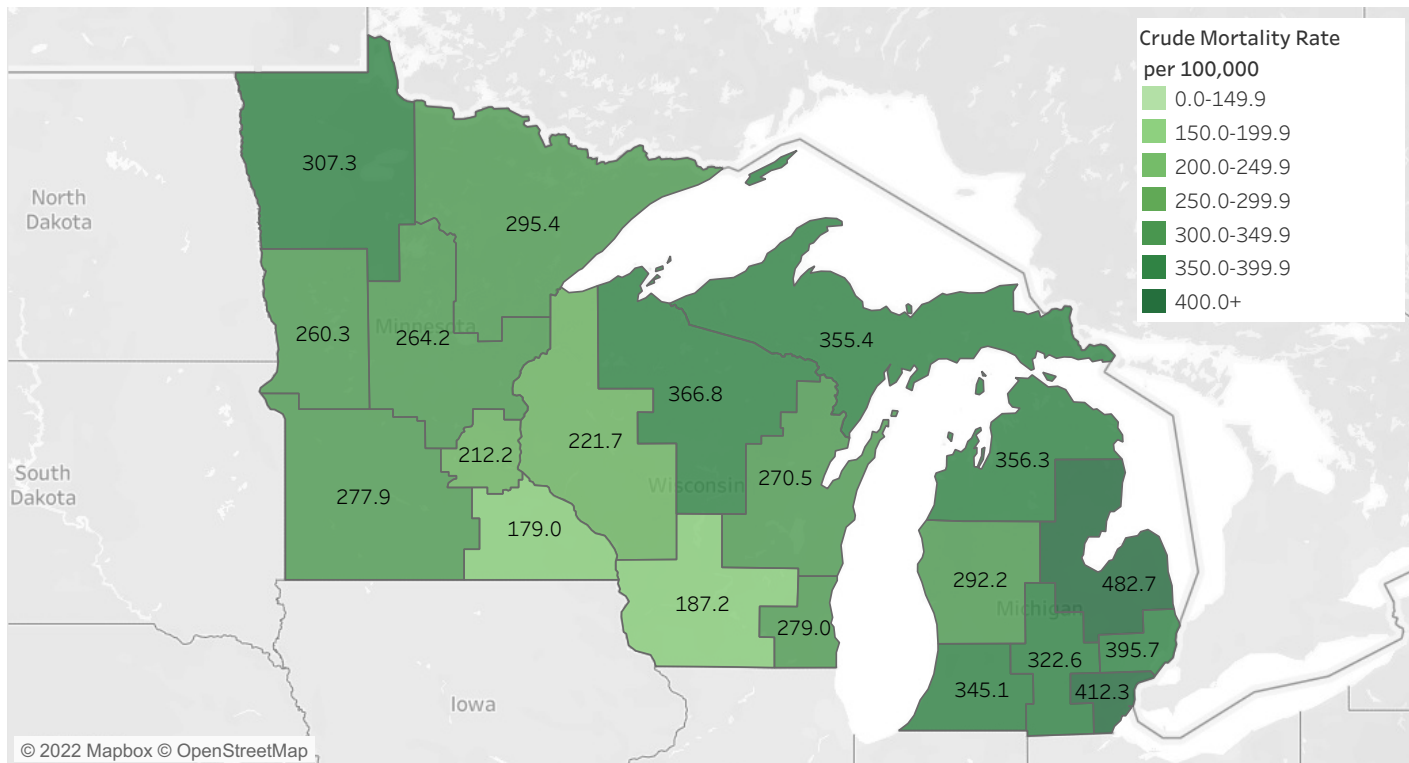
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of August 28, 2022



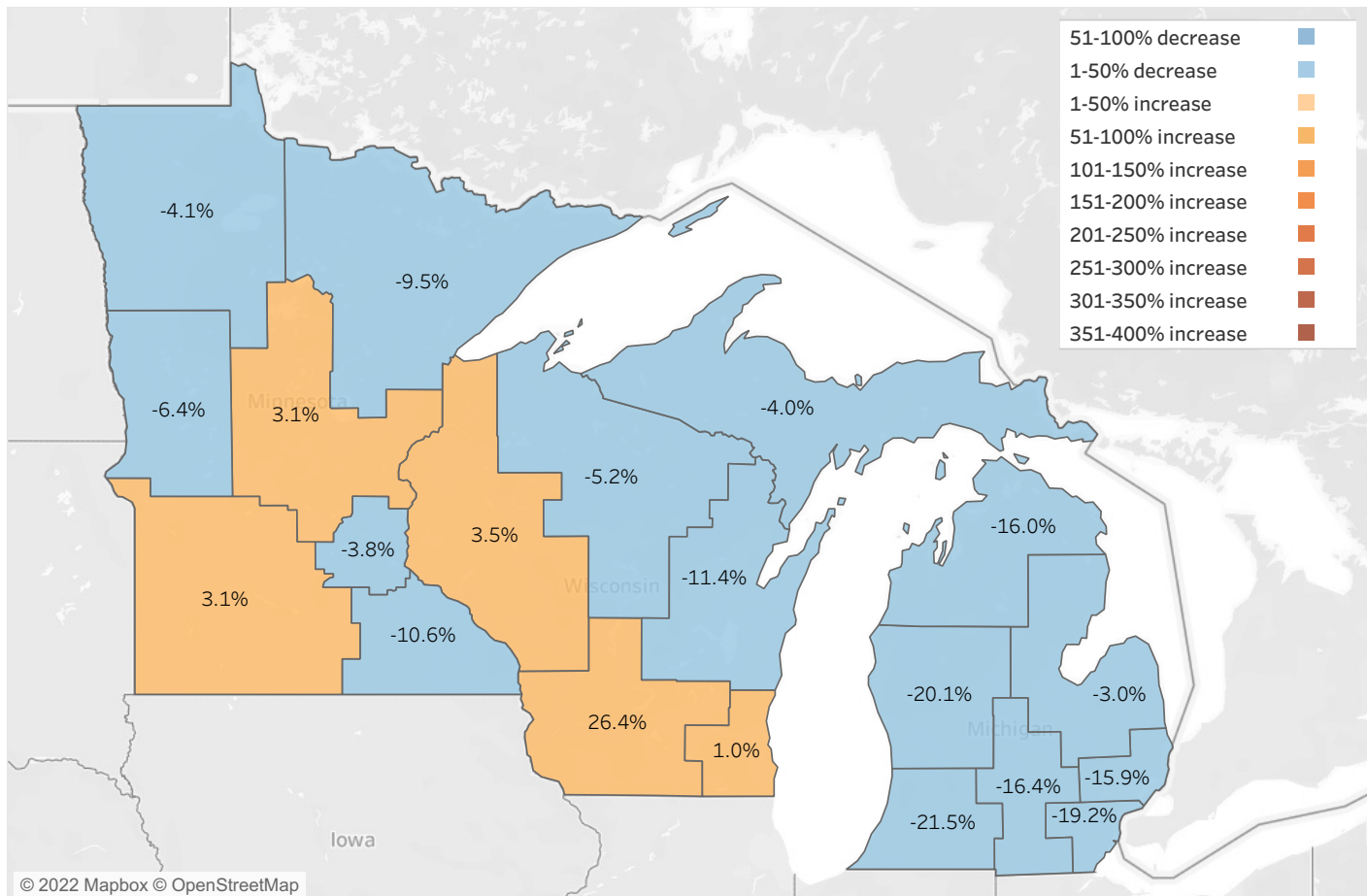
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 28, 2022



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 28, 2022



Map 4. Percent change in new COVID-19 cases over the last week, August 21, 2022 to August 28, 2022, in Michigan, Minnesota, and Wisconsin, by public health region, as of August 28, 2022



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 August 28, 2022

	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	2,703,600	27,071.6	37,683	377.3
Minnesota	1,630,043	28,903.4	13,078	231.9
Wisconsin	1,826,082	31,362.9	15,042	258.3
Three-State Area	6,159,725	28,718.1	65,803	306.8



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

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (31,334 cases per 100,000 people) than on or near reservations in Minnesota (28,193 cases per 100,000) and Michigan (25,813 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (31,379 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 August 28, 2022

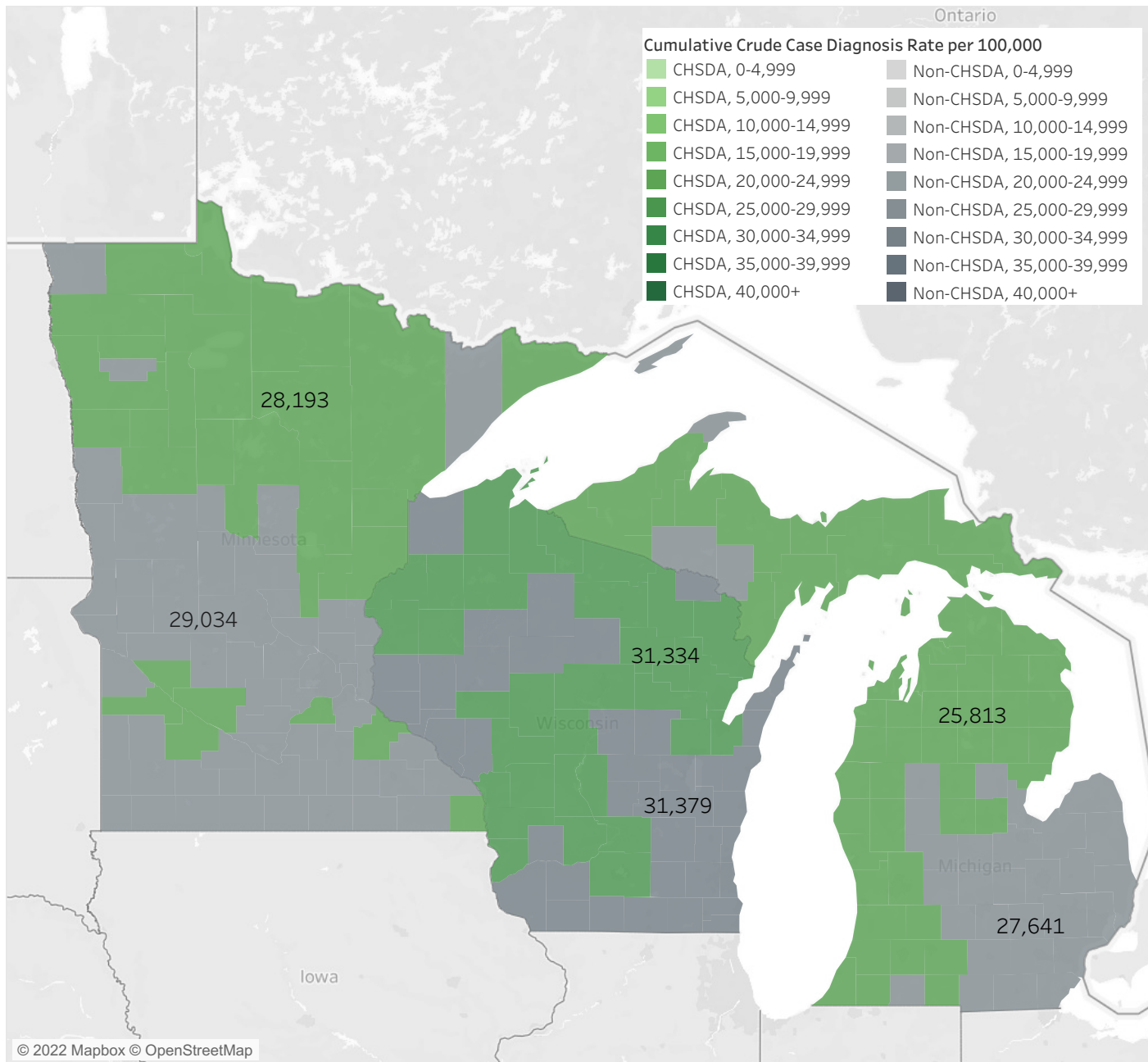


Table 2. Cumulative COVID-19 cases, crude diagnosis rates (per 100,000), deaths, and crude mortality rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),<sup>1</sup> as of August 28, 2022

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	803,102	25,813	10,125	325
	Non-CHSDA	1,900,498	27,641	27,558	401
	Statewide	<b>2,703,600</b>	<b>27,072</b>	<b>37,683</b>	<b>377</b>
Minnesota	CHSDA	247,636	28,193	2,470	281
	Non-CHSDA	1,382,407	29,034	10,608	223
	Statewide	<b>1,630,043</b>	<b>28,903</b>	<b>13,078</b>	<b>232</b>
Wisconsin	CHSDA	667,644	31,334	4,889	229
	Non-CHSDA	1,158,438	31,379	10,153	275
	Statewide	<b>1,826,082</b>	<b>31,363</b>	<b>15,042</b>	<b>258</b>
<b>Three-State</b>		<b>6,159,725</b>	<b>28,718</b>	<b>65,803</b>	<b>307</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 (803,102 cases), followed by Wisconsin (667,644 cases) and Minnesota (247,636 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 August 28, 2022

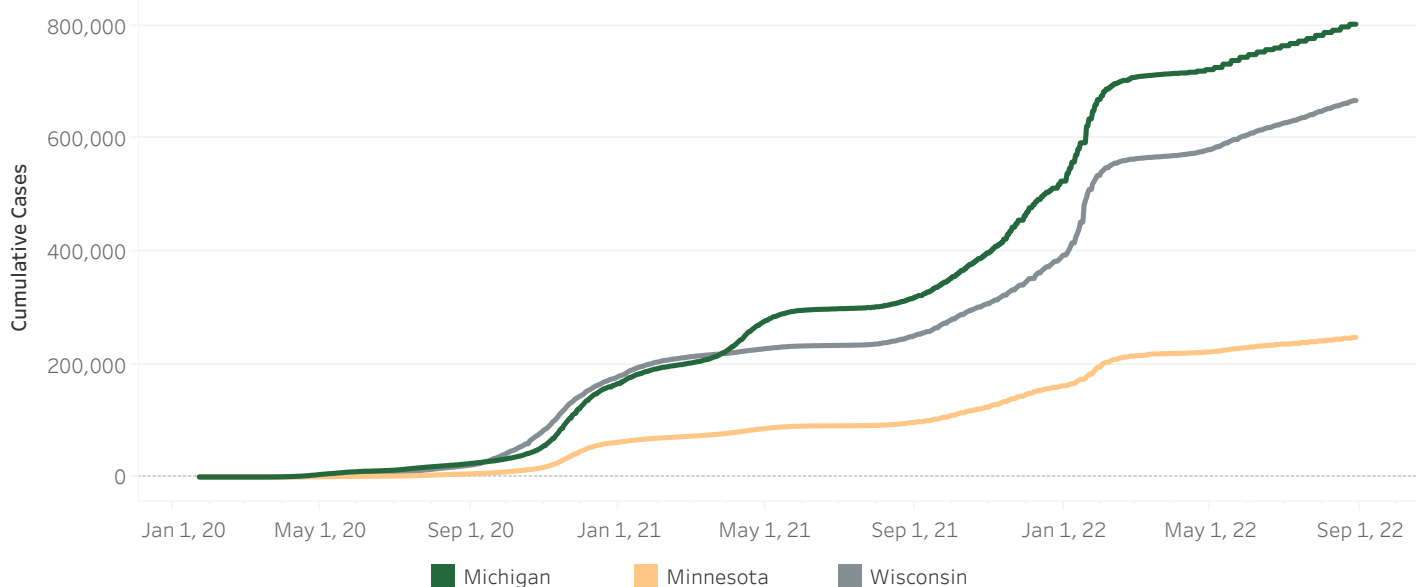
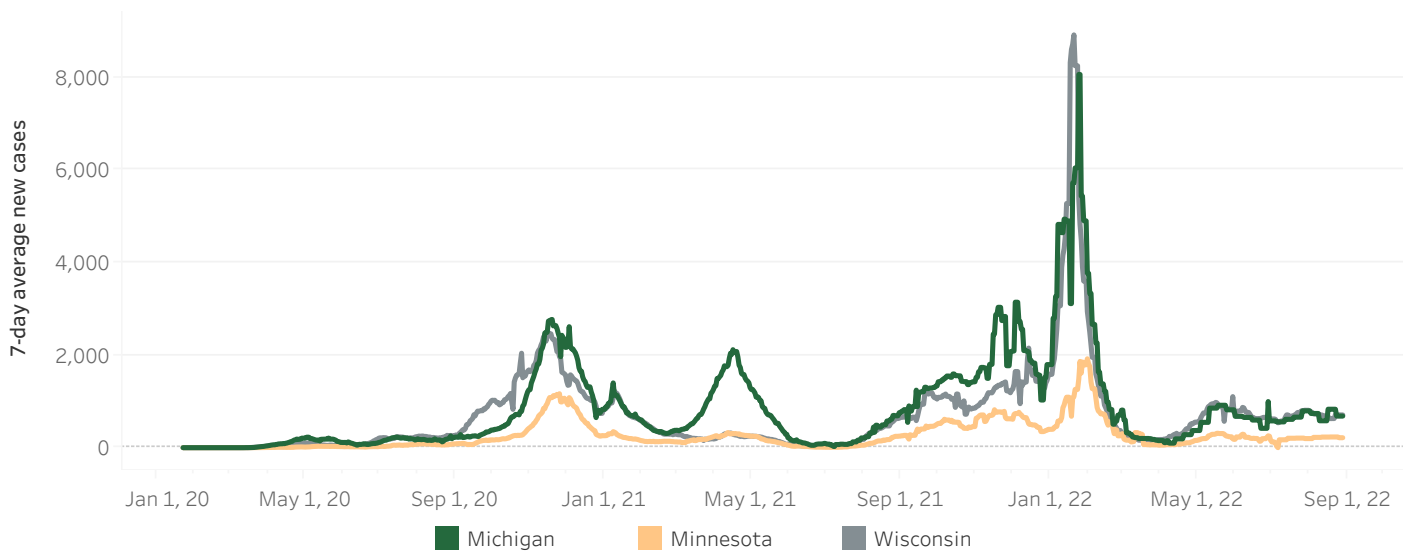
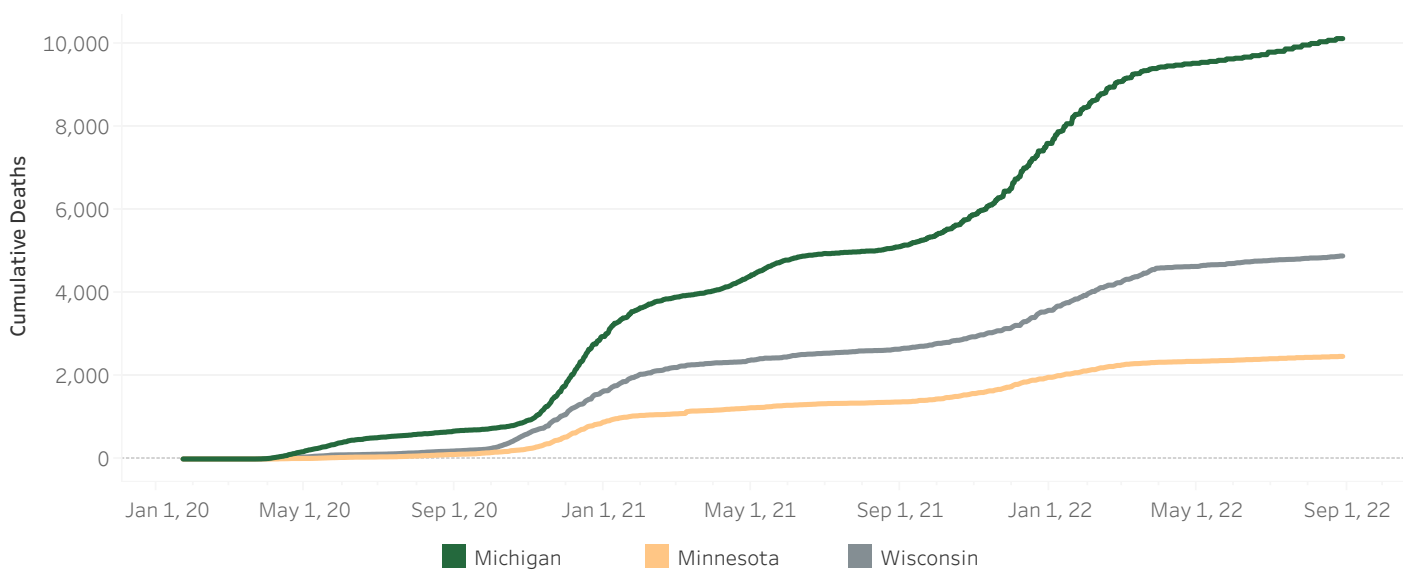


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of August 28, 2022



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 August 28, 2022



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 August 28, 2022

