



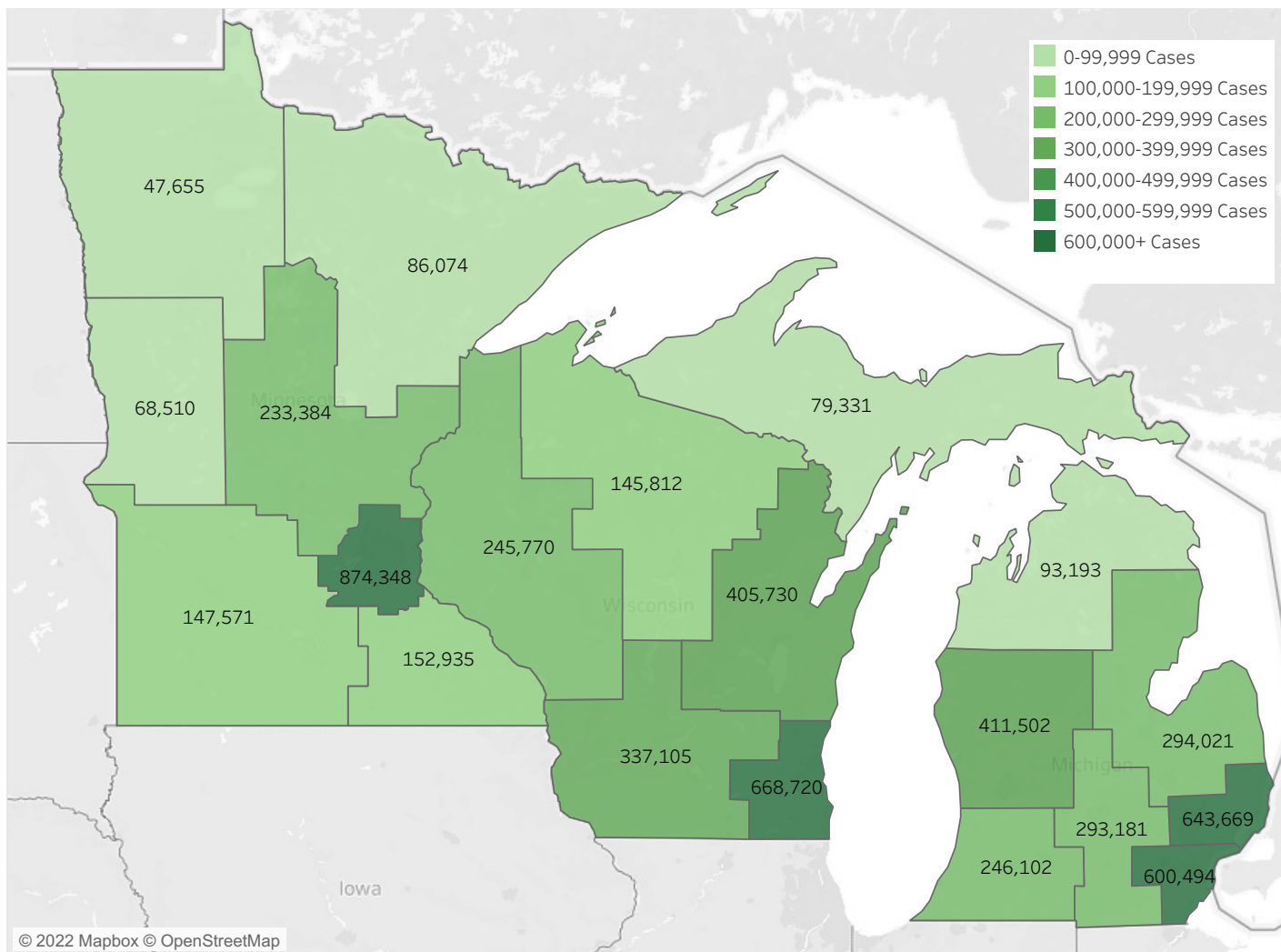
# COVID-19 in the Bemidji IHS Area

Updated: August 14, 2022

## COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 2,661,493 cases. This is followed by Wisconsin with 1,803,137 cases and Minnesota with 1,610,477 cases. The majority of regions saw a decrease in new cases last week compared to the week prior (Map 4).

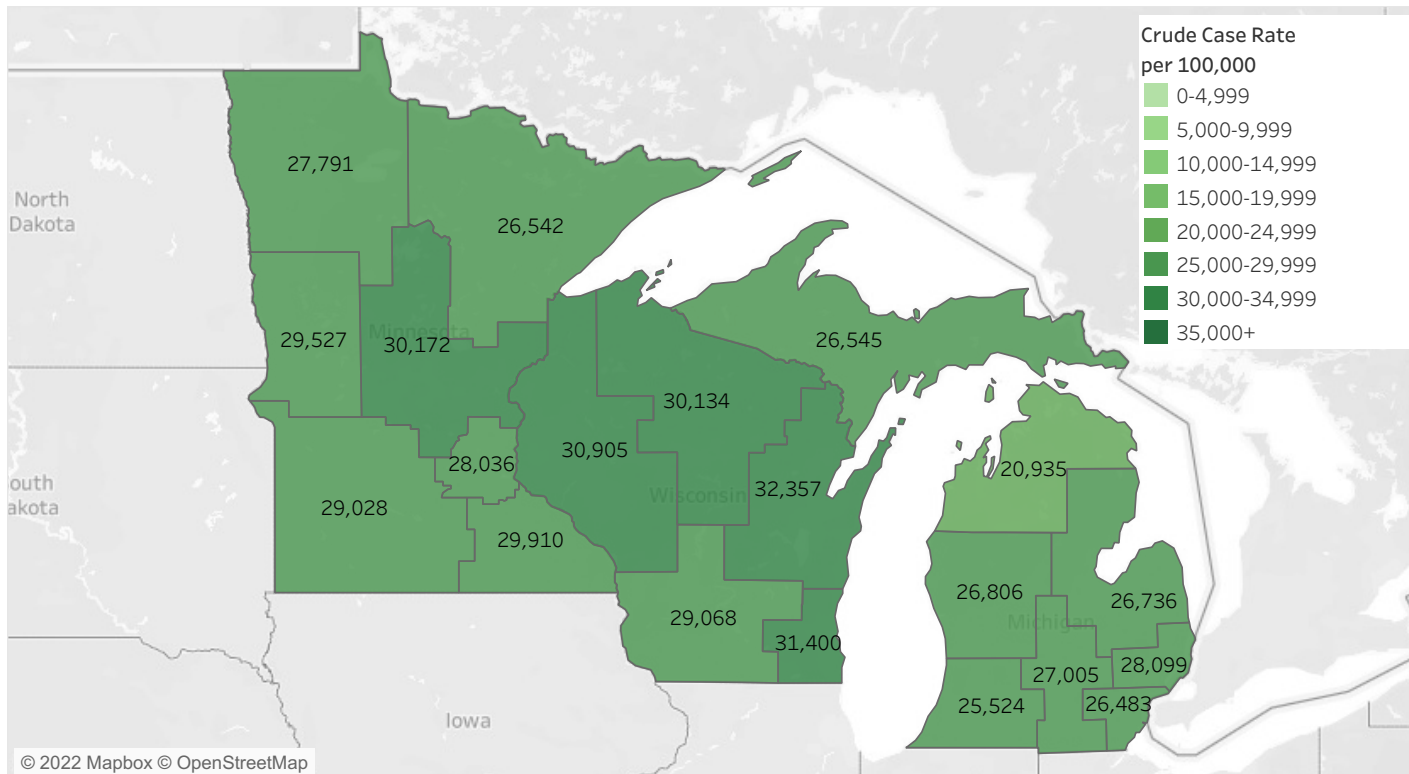
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of August 14, 2022



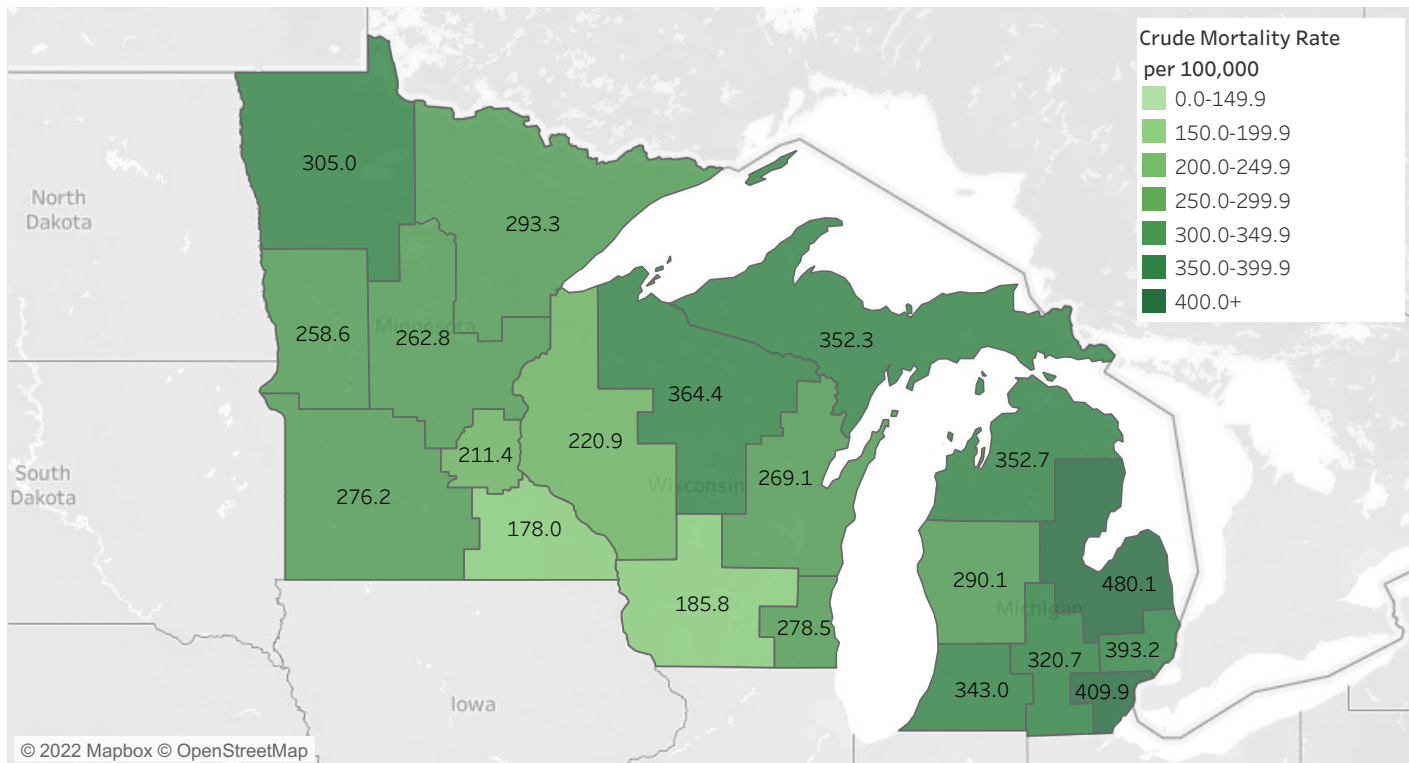
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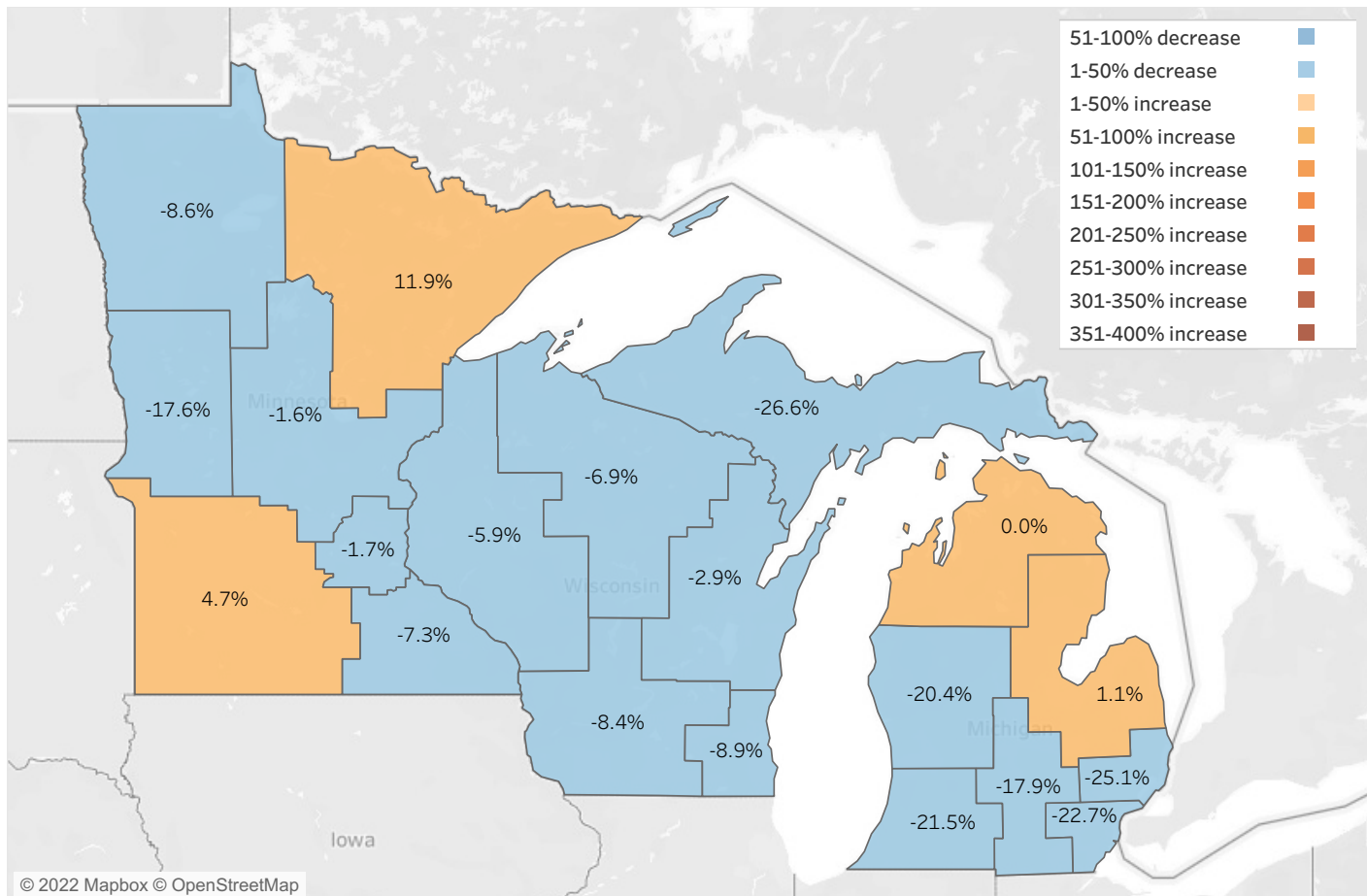
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 14, 2022



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 14, 2022



Map 4. Percent change in new COVID-19 cases over the last week, August 7, 2022 to August 14, 2022, in Michigan, Minnesota, and Wisconsin, by public health region, as of August 14, 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 14, 2022

	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	2,661,493	26,650.0	37,446	375.0
Minnesota	1,610,477	28,556.4	13,014	230.8
Wisconsin	1,803,137	30,968.8	14,980	257.3
Three-State Area	6,075,107	28,323.6	65,440	305.1



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

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (30,896 cases per 100,000 people) than on or near reservations in Minnesota (27,838 cases per 100,000) and Michigan (25,473 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (31,011 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 14, 2022

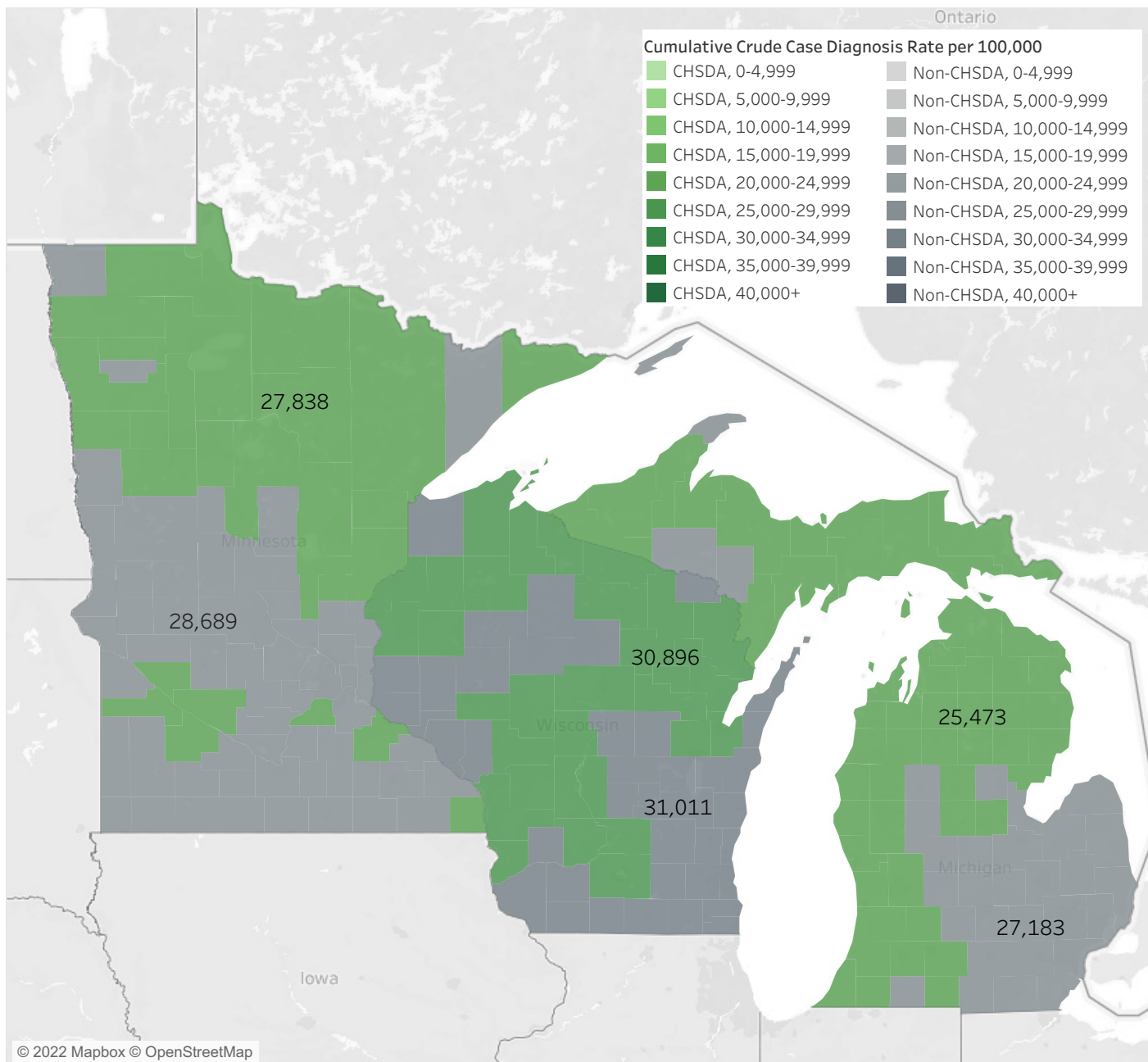


Table 2. Cumulative COVID-19 cases, crude diagnosis rates (per 100,000), deaths, and crude mortality rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),<sup>1</sup> as of August 14, 2022

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	792,518	25,473	10,049	323
	Non-CHSDA	1,868,975	27,183	27,397	398
	Statewide	<b>2,661,493</b>	<b>26,650</b>	<b>37,446</b>	<b>375</b>
Minnesota	CHSDA	244,517	27,838	2,458	280
	Non-CHSDA	1,365,960	28,689	10,556	222
	Statewide	<b>1,610,477</b>	<b>28,556</b>	<b>13,014</b>	<b>231</b>
Wisconsin	CHSDA	658,294	30,896	4,851	228
	Non-CHSDA	1,144,843	31,011	10,129	274
	Statewide	<b>1,803,137</b>	<b>30,969</b>	<b>14,980</b>	<b>257</b>
<b>Three-State</b>		<b>6,075,107</b>	<b>28,324</b>	<b>65,440</b>	<b>305</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 (792,518 cases), followed by Wisconsin (658,294 cases) and Minnesota (244,517 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 14, 2022

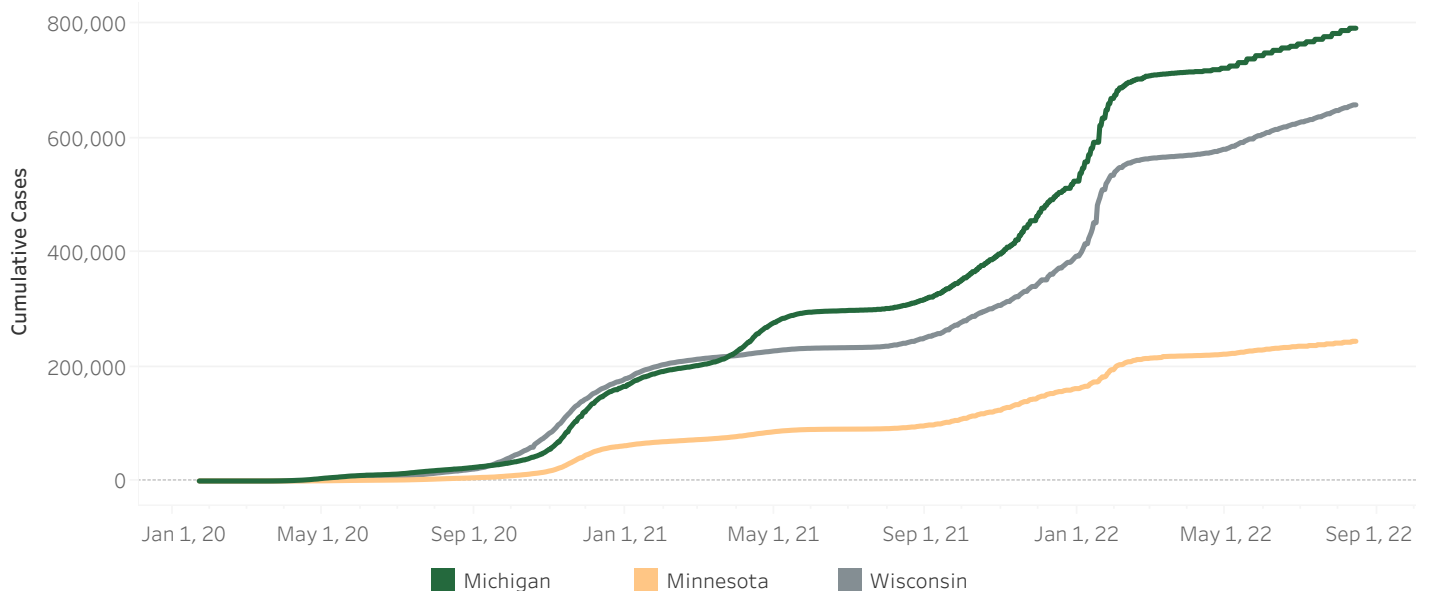
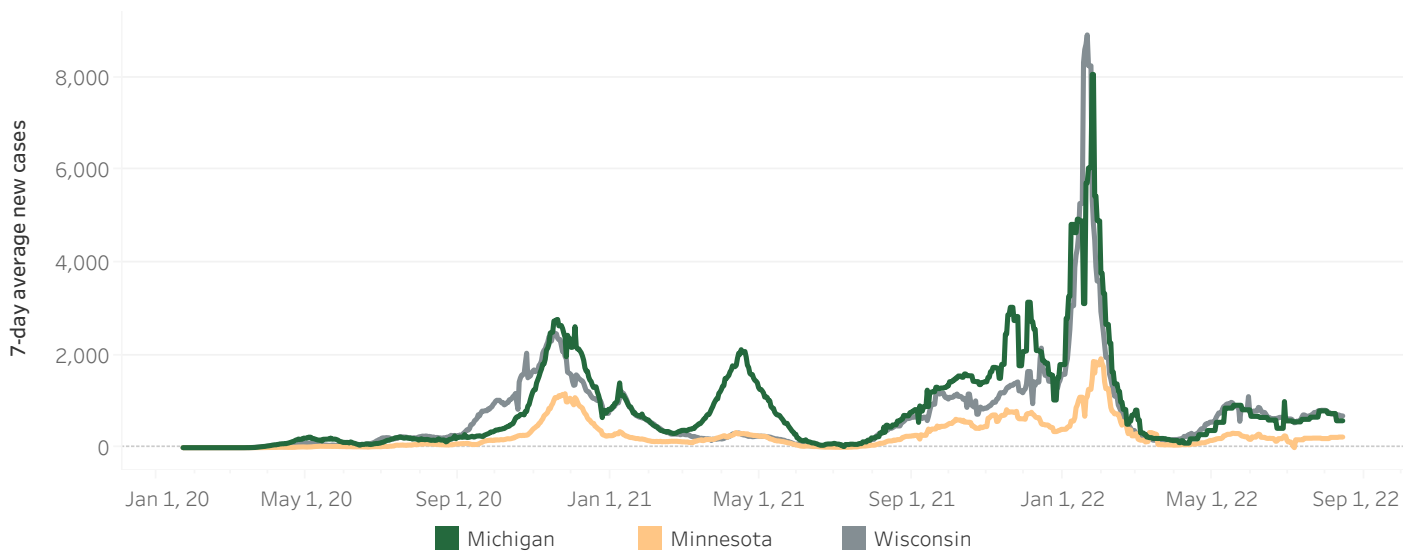
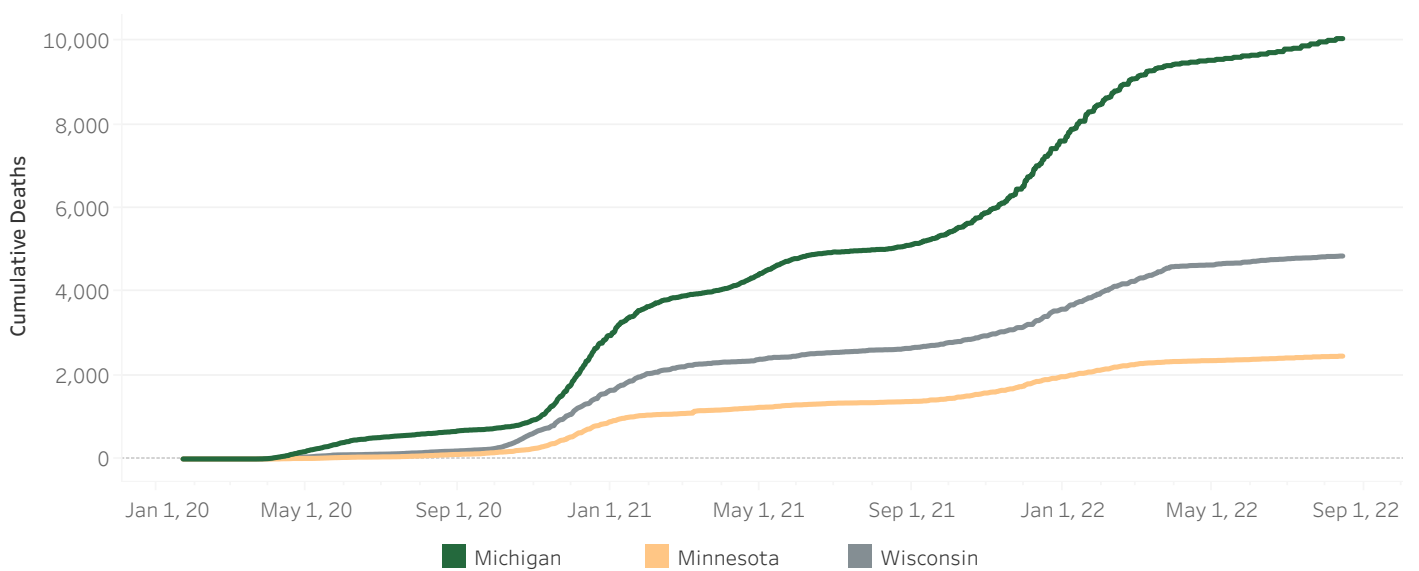


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of August 14, 2022



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 14, 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 14, 2022

