



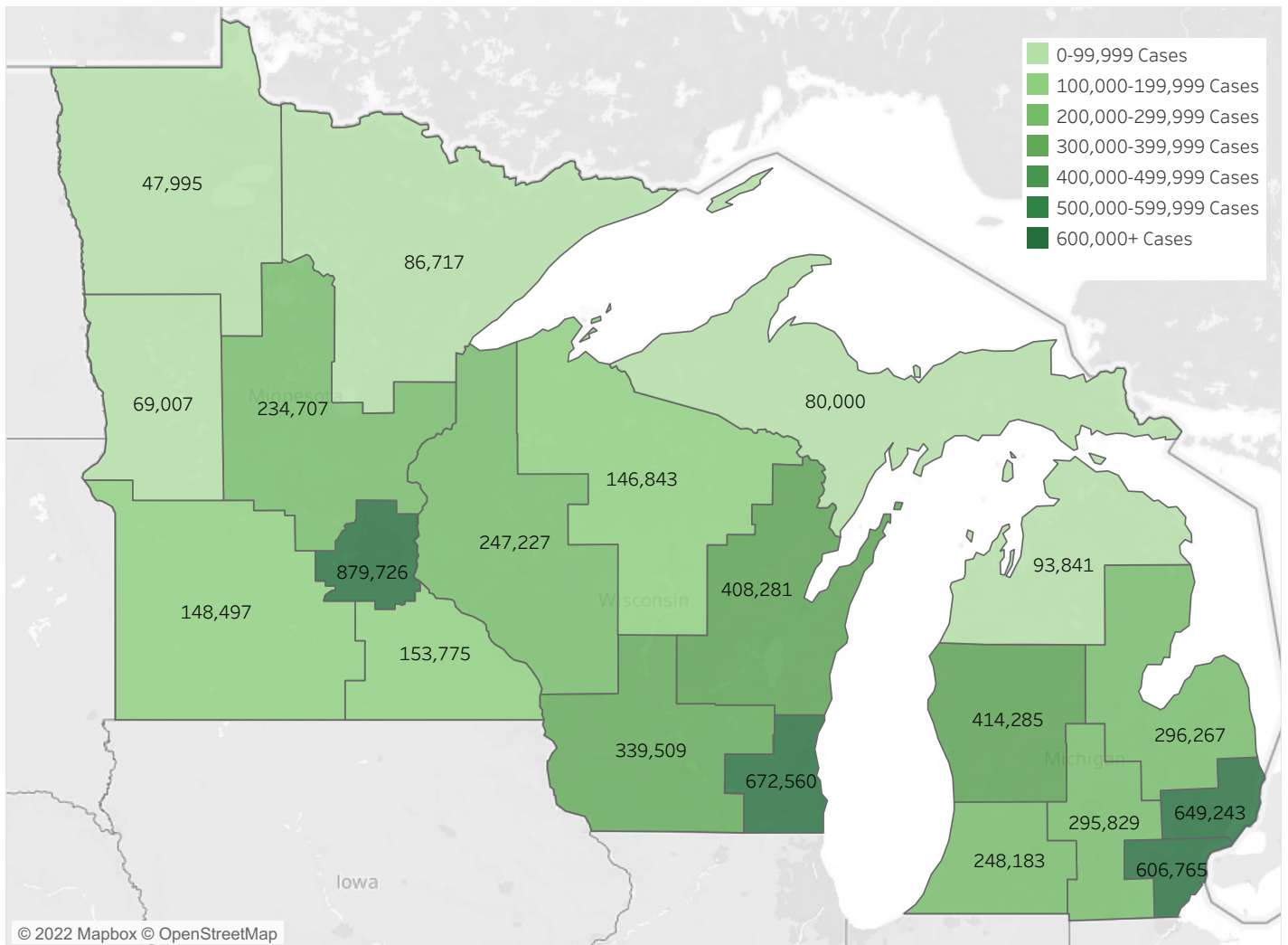
COVID-19 in the Bemidji IHS Area

Updated: August 21, 2022

COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 2,684,413 cases. This is followed by Wisconsin with 1,814,420 cases and Minnesota with 1,620,424 cases. More than half of the regions saw an increase in new cases last week compared to the week prior (Map 4).

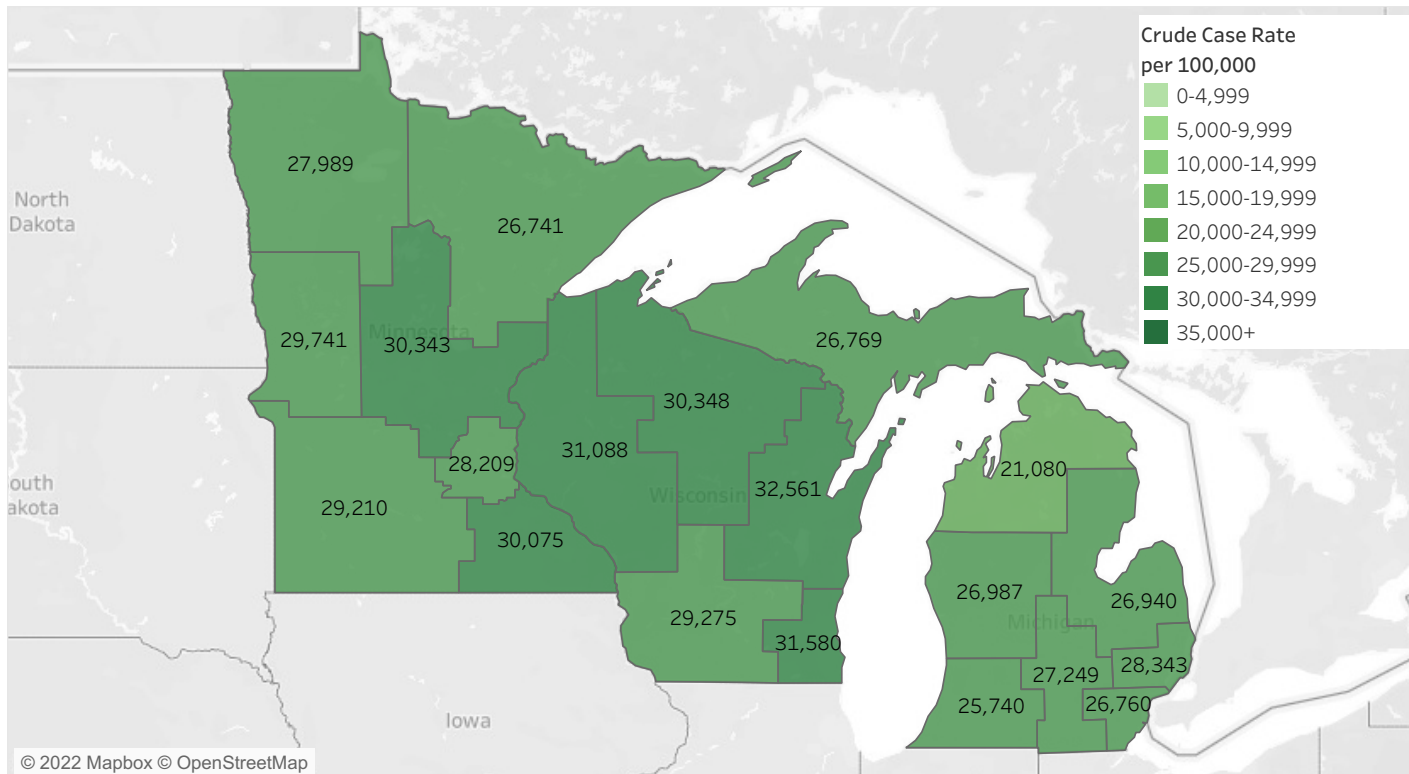
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of August 21, 2022



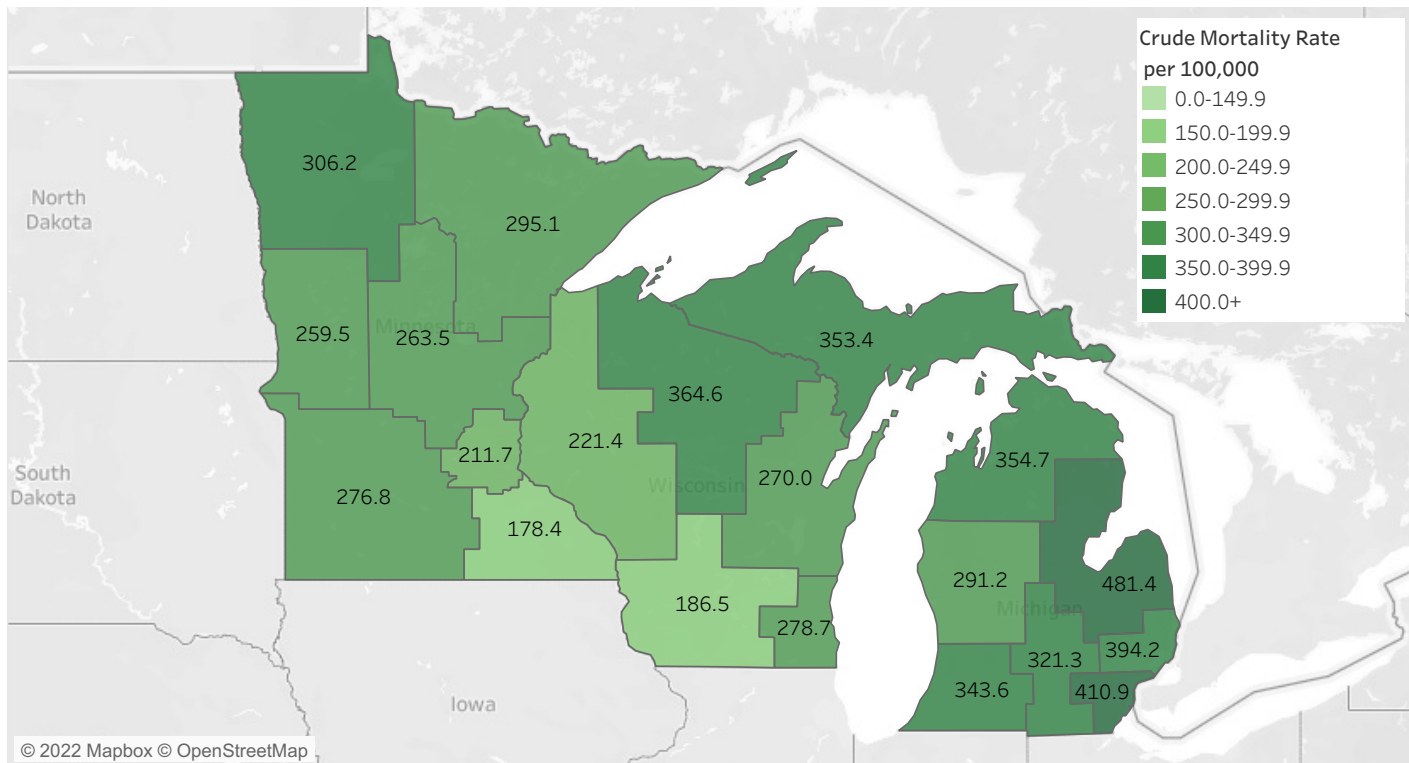
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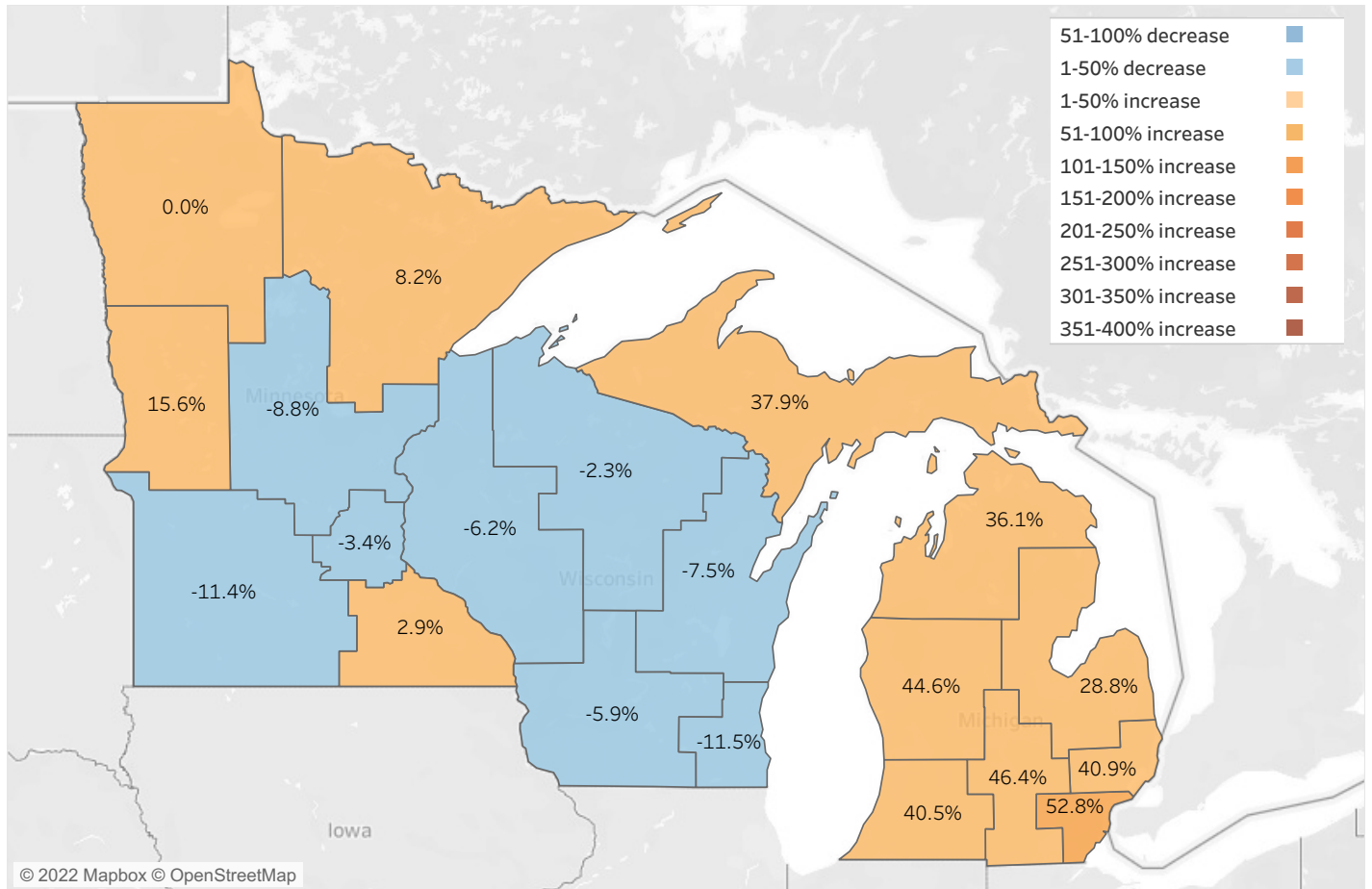
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 21, 2022



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of August 21, 2022



Map 4. Percent change in new COVID-19 cases over the last week, August 14, 2022 to August 21, 2022, in Michigan, Minnesota, and Wisconsin, by public health region, as of August 21, 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 21, 2022

	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	2,684,413	26,879.5	37,549	376.0
Minnesota	1,620,424	28,732.8	13,044	231.3
Wisconsin	1,814,420	31,162.6	15,008	257.8
Three-State Area	6,119,257	28,529.4	65,601	305.8



COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (31,102 cases per 100,000 people) than on or near reservations in Minnesota (28,022 cases per 100,000) and Michigan (25,659 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (31,197 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),¹ as of August 21, 2022

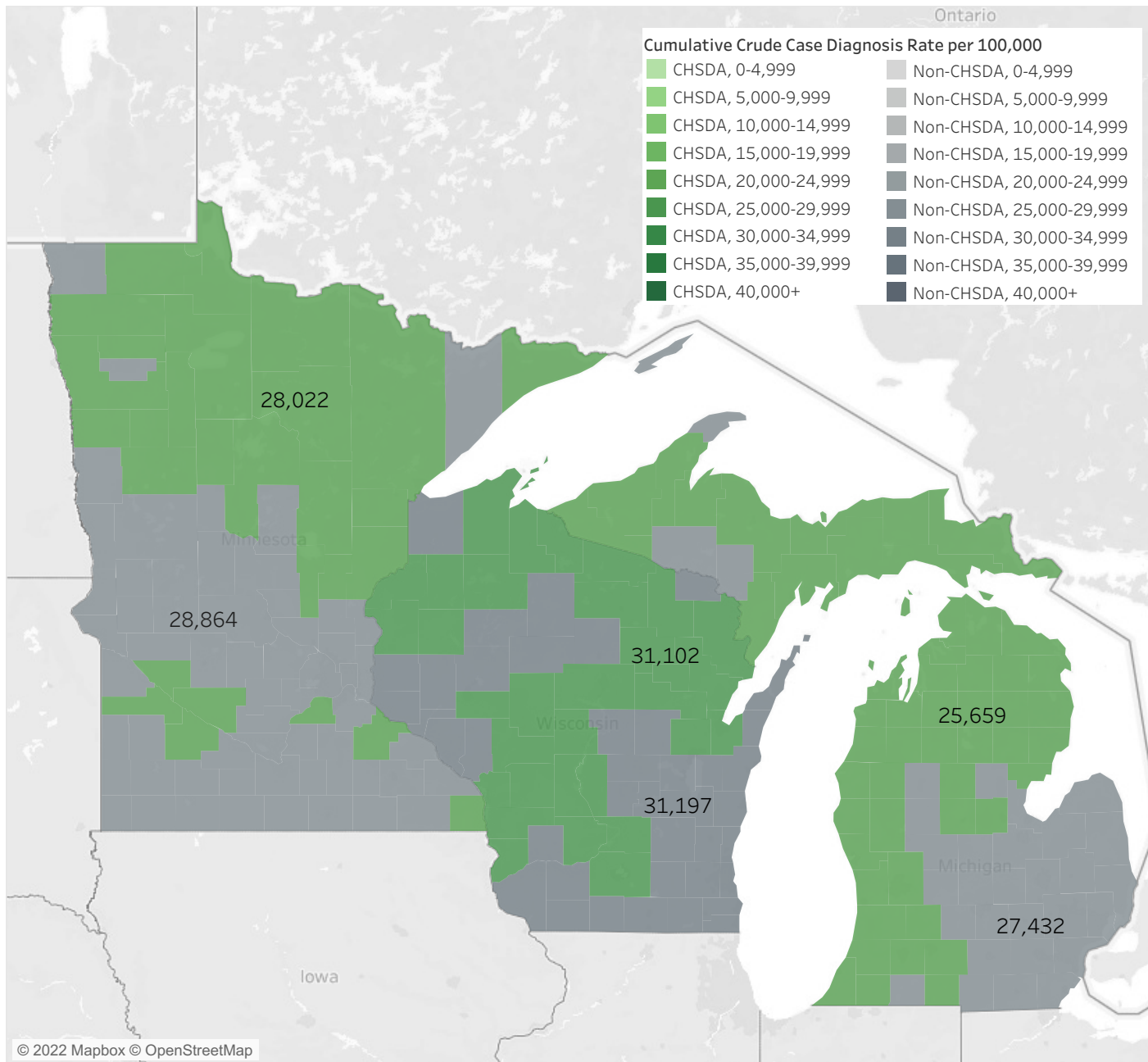


Table 2. Cumulative COVID-19 cases, crude diagnosis rates (per 100,000), deaths, and crude mortality rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),¹ as of August 21, 2022

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	798,329	25,659	10,084	324
	Non-CHSDA	1,886,084	27,432	27,465	399
	Statewide	2,684,413	26,879	37,549	376
Minnesota	CHSDA	246,134	28,022	2,465	281
	Non-CHSDA	1,374,290	28,864	10,579	222
	Statewide	1,620,424	28,733	13,044	231
Wisconsin	CHSDA	662,698	31,102	4,869	229
	Non-CHSDA	1,151,722	31,197	10,139	275
	Statewide	1,814,420	31,163	15,008	258
Three-State		6,119,257	28,529	65,601	306

¹CHSDAs 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 (798,329 cases), followed by Wisconsin (662,698 cases) and Minnesota (246,134 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 21, 2022

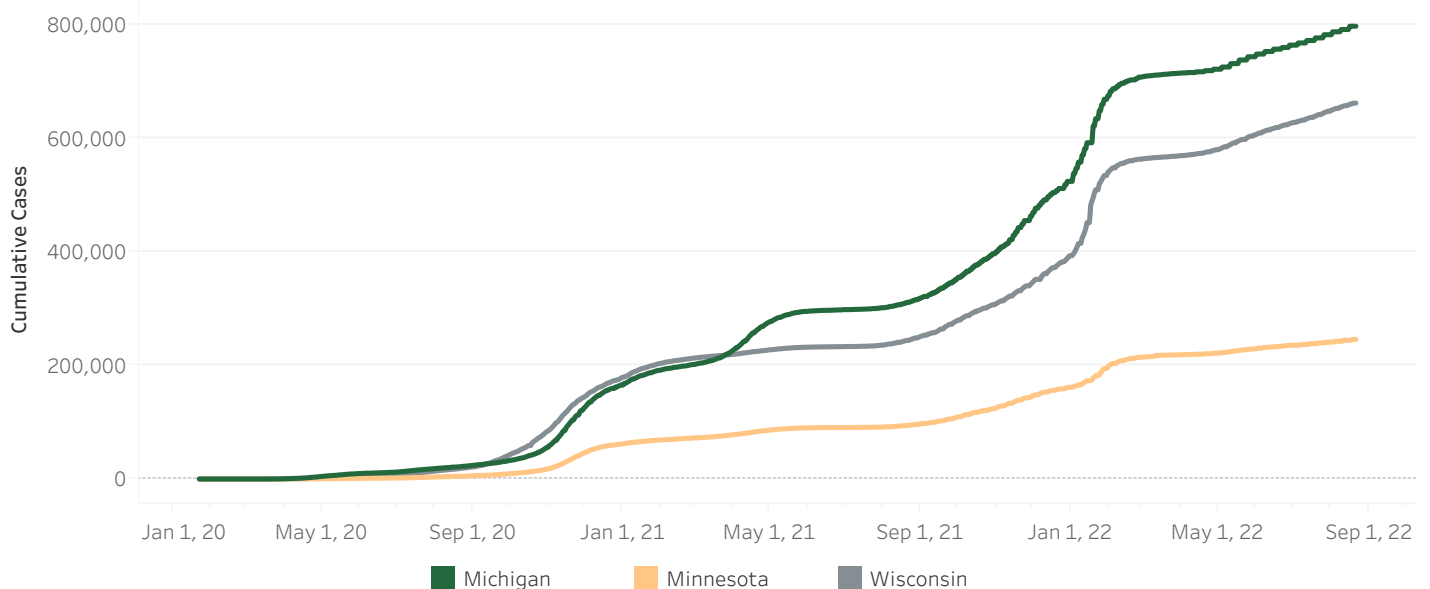
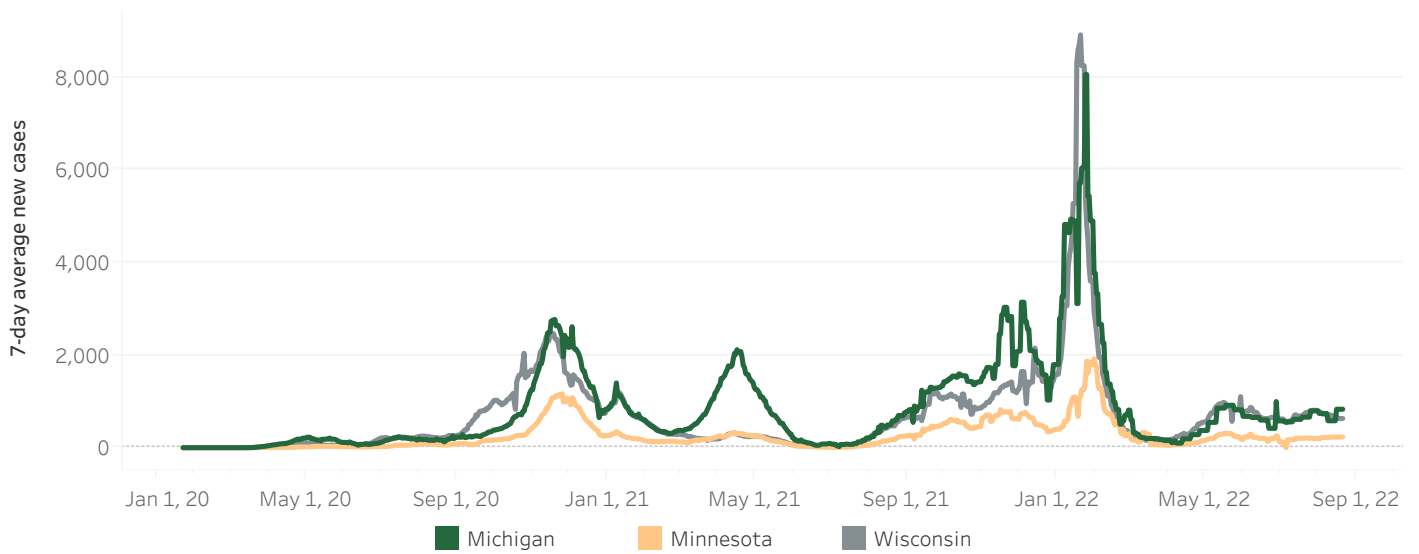
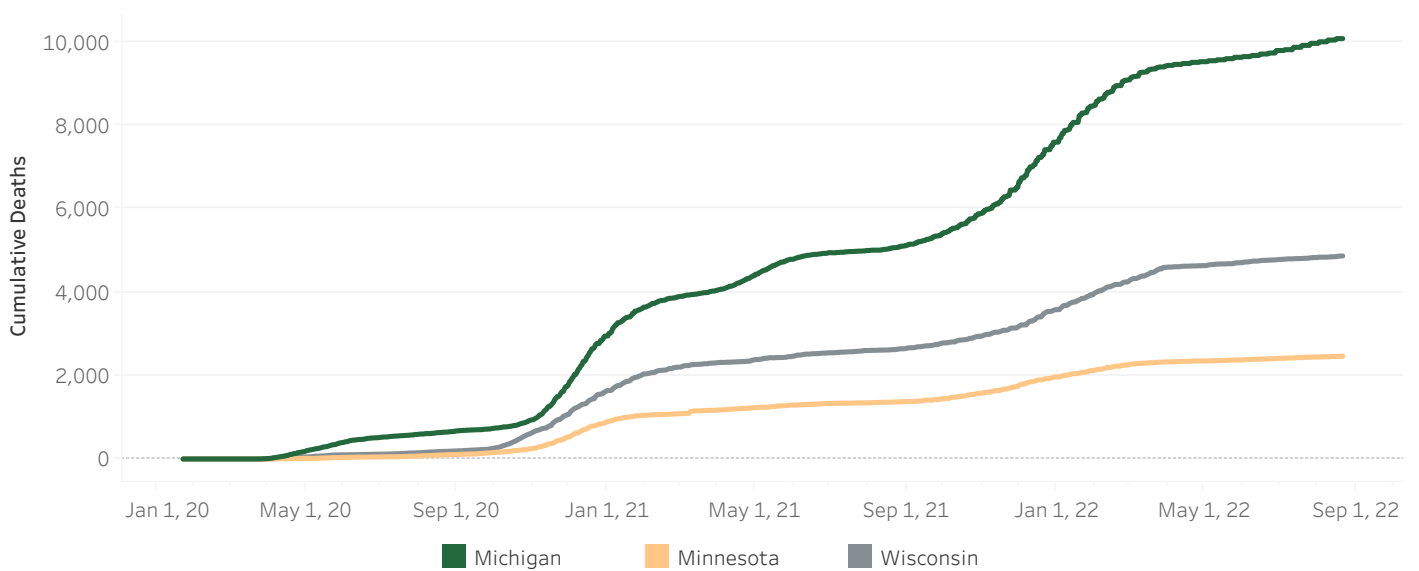


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of August 21, 2022



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 21, 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 21, 2022

