



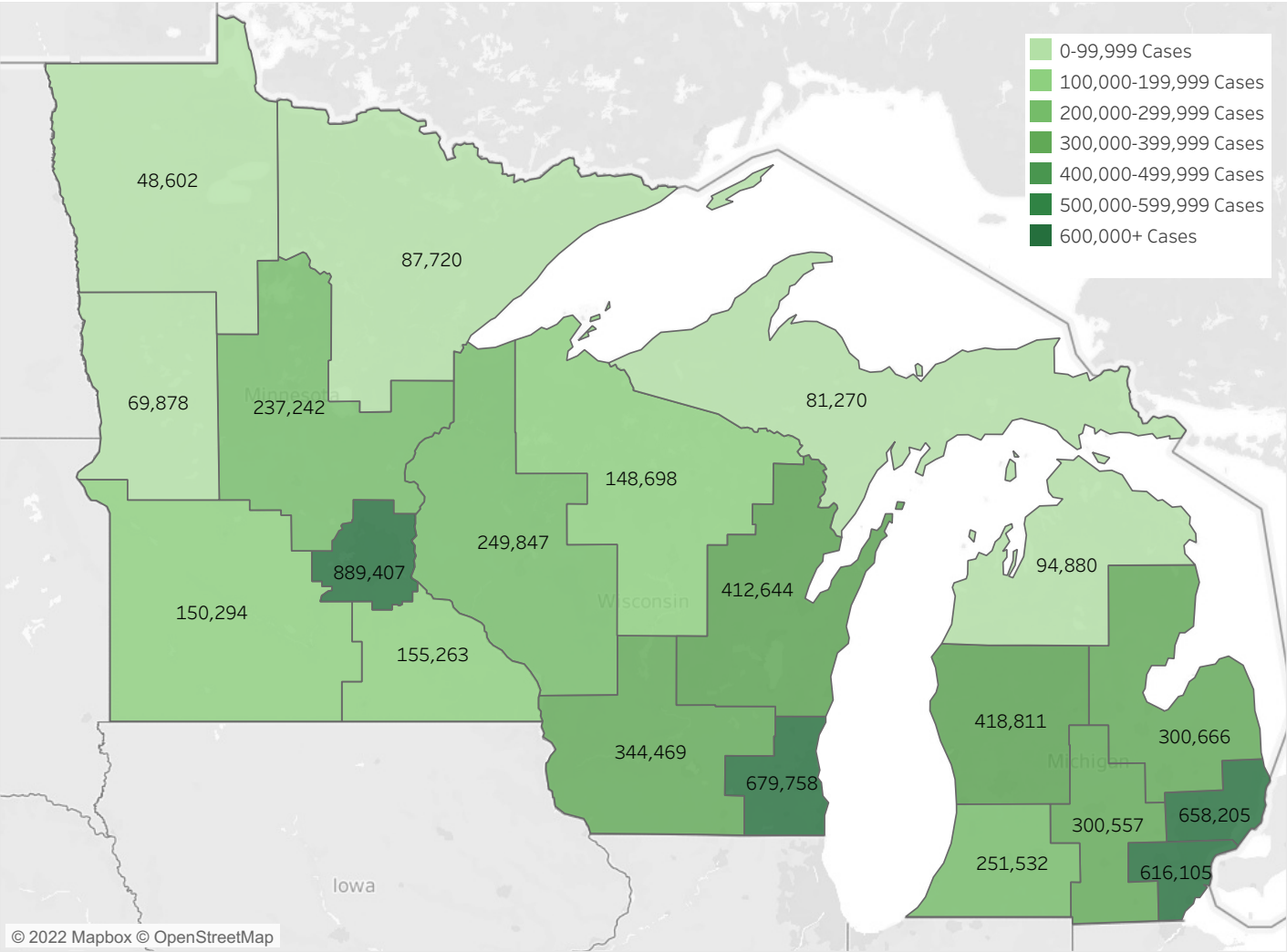
COVID-19 in the Bemidji IHS Area

Updated: September 4, 2022

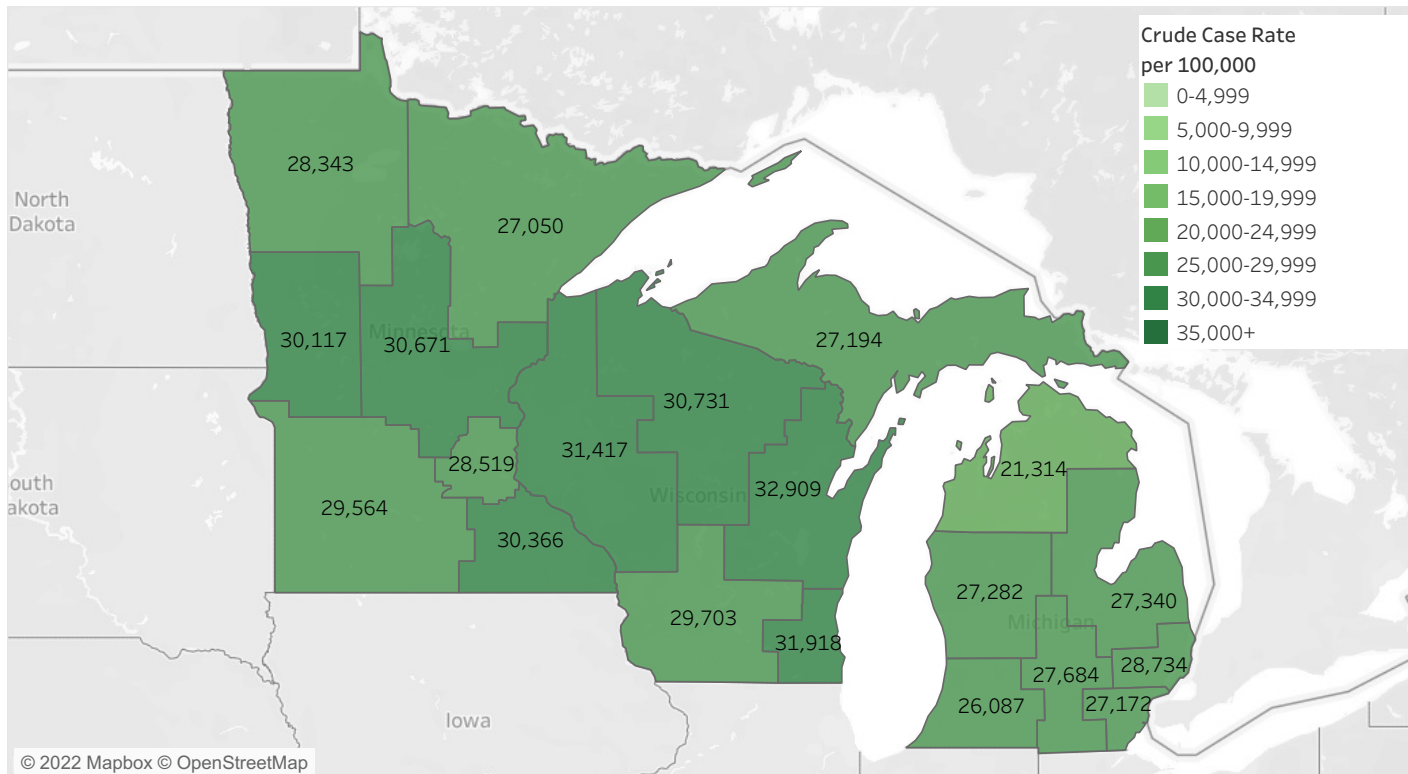
COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 2,722,026 cases. This is followed by Wisconsin with 1,835,416 cases and Minnesota with 1,638,406 cases. The majority of regions saw a decrease in new cases last week compared to the week prior (Map 4).

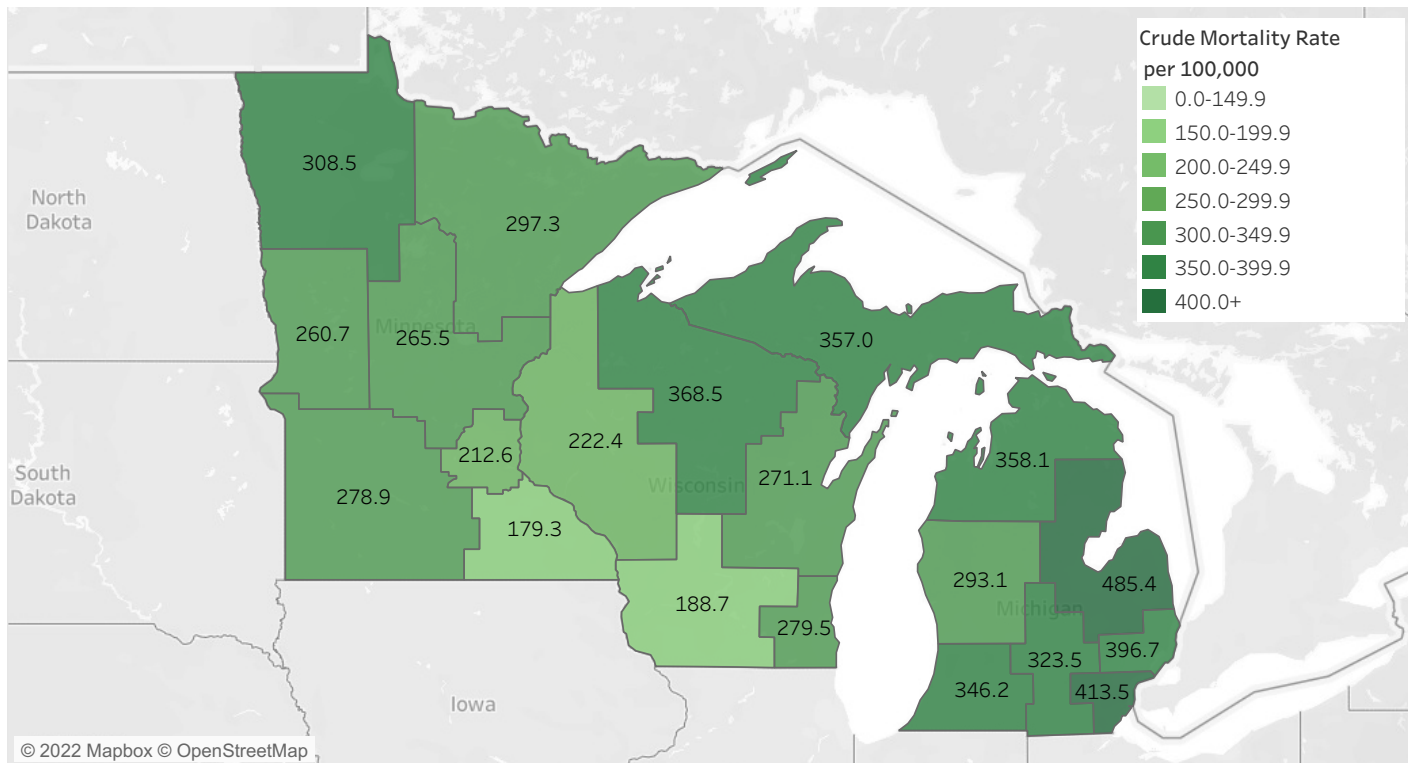
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of September 4, 2022



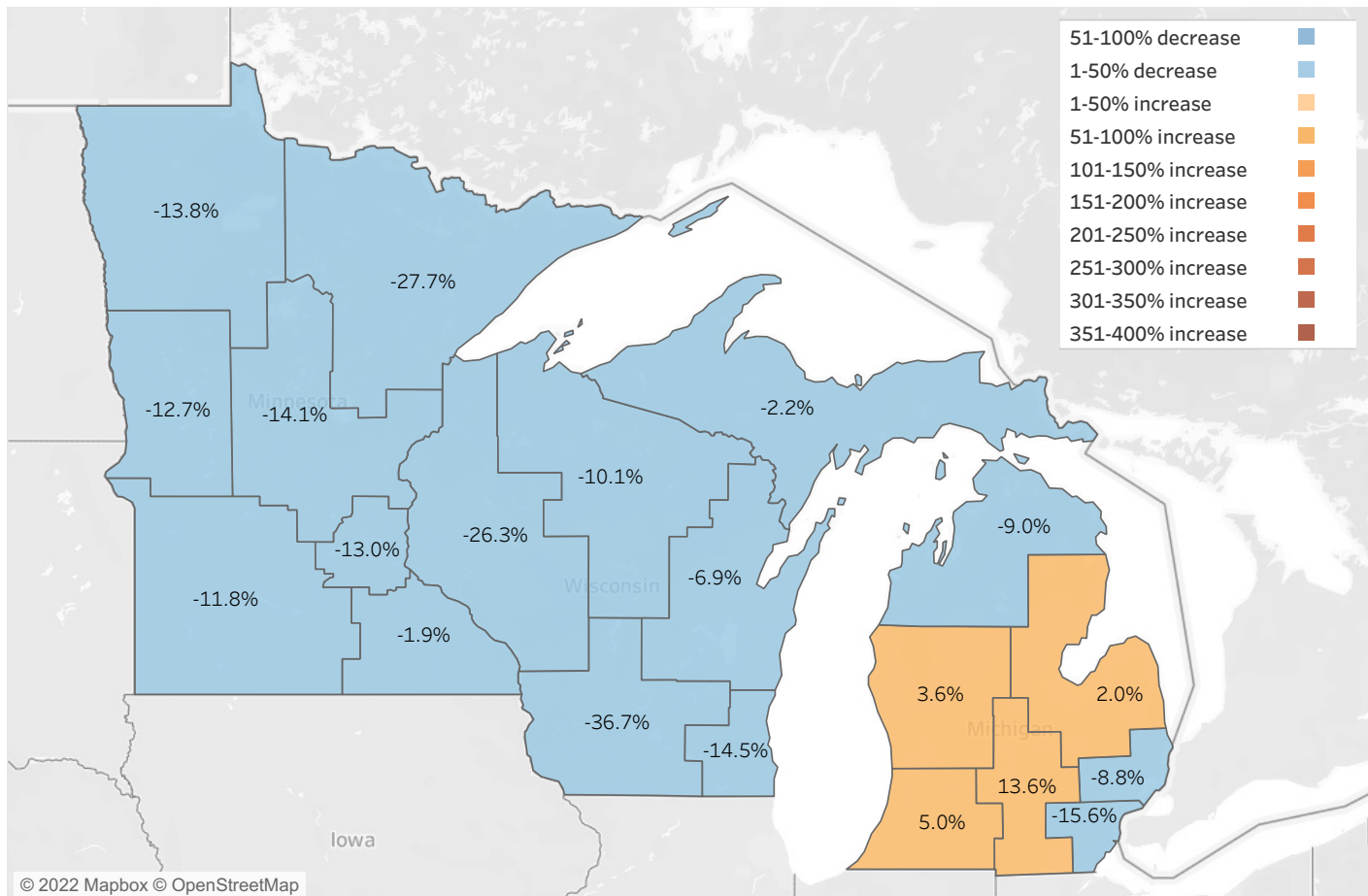
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of September 4, 2022



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of September 4, 2022



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

	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	2,722,026	27,256.1	37,812	378.6
Minnesota	1,638,406	29,051.6	13,117	232.6
Wisconsin	1,835,416	31,523.2	15,091	259.2
Three-State Area	6,195,848	28,886.5	66,020	307.8



COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Wisconsin (31,511 cases per 100,000 people) than on or near reservations in Minnesota (28,332 cases per 100,000) and Michigan (25,968 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (31,530 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 September 4, 2022

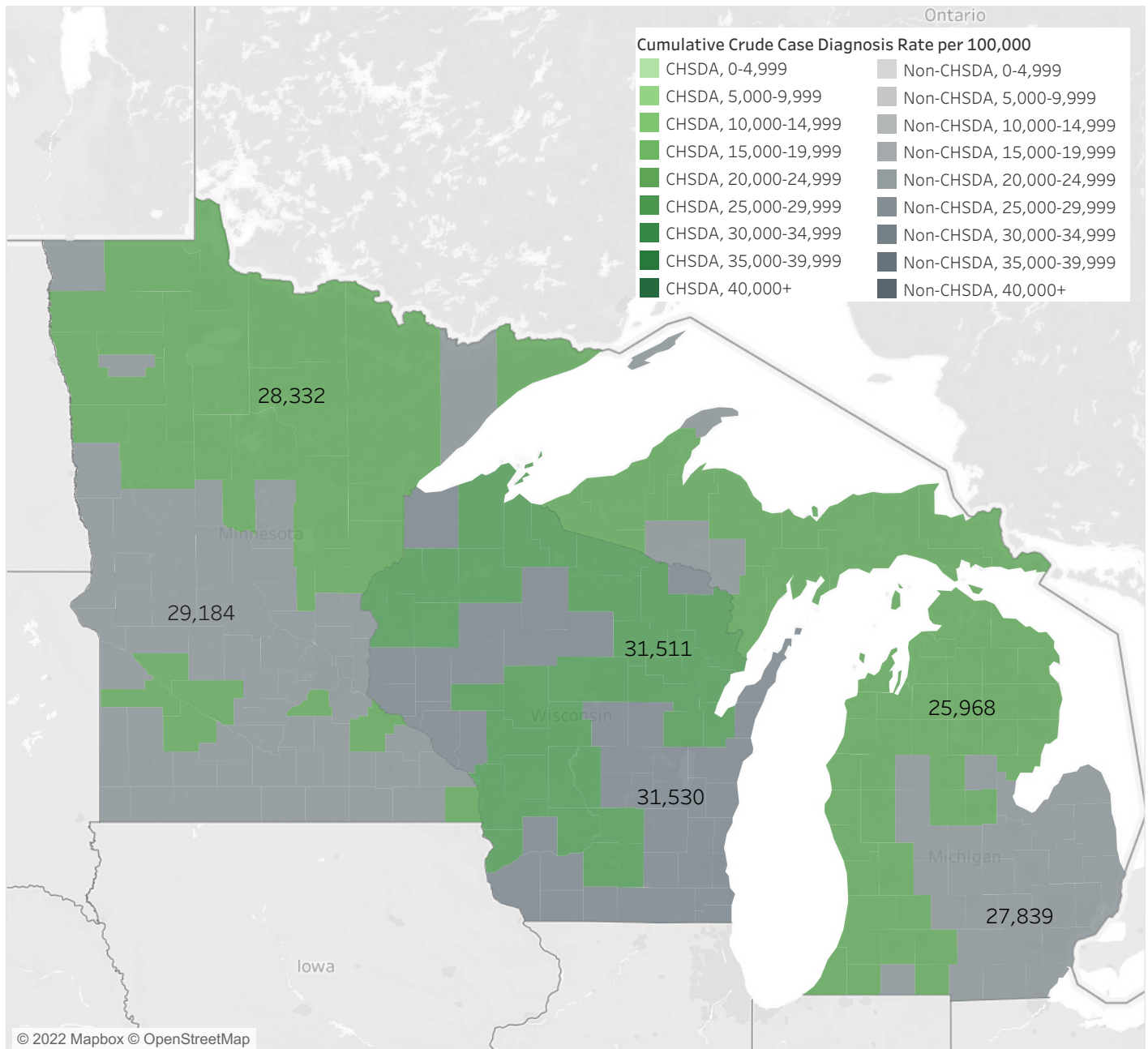


Table 2. Cumulative COVID-19 cases, crude diagnosis rates (per 100,000), deaths, and crude mortality rates (per 100,000) in Michigan, Minnesota, and Wisconsin, by proximity to reservations (CHSDAs),¹ as of September 4, 2022

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	807,933	25,968	10,168	327
	Non-CHSDA	1,914,093	27,839	27,644	402
	Statewide	2,722,026	27,256	37,812	379
Minnesota	CHSDA	248,853	28,332	2,481	282
	Non-CHSDA	1,389,553	29,184	10,636	223
	Statewide	1,638,406	29,052	13,117	233
Wisconsin	CHSDA	671,401	31,511	4,911	230
	Non-CHSDA	1,164,015	31,530	10,180	276
	Statewide	1,835,416	31,523	15,091	259
Three-State		6,195,848	28,887	66,020	308

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 (807,933 cases), followed by Wisconsin (671,401 cases) and Minnesota (248,853 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 September 4, 2022

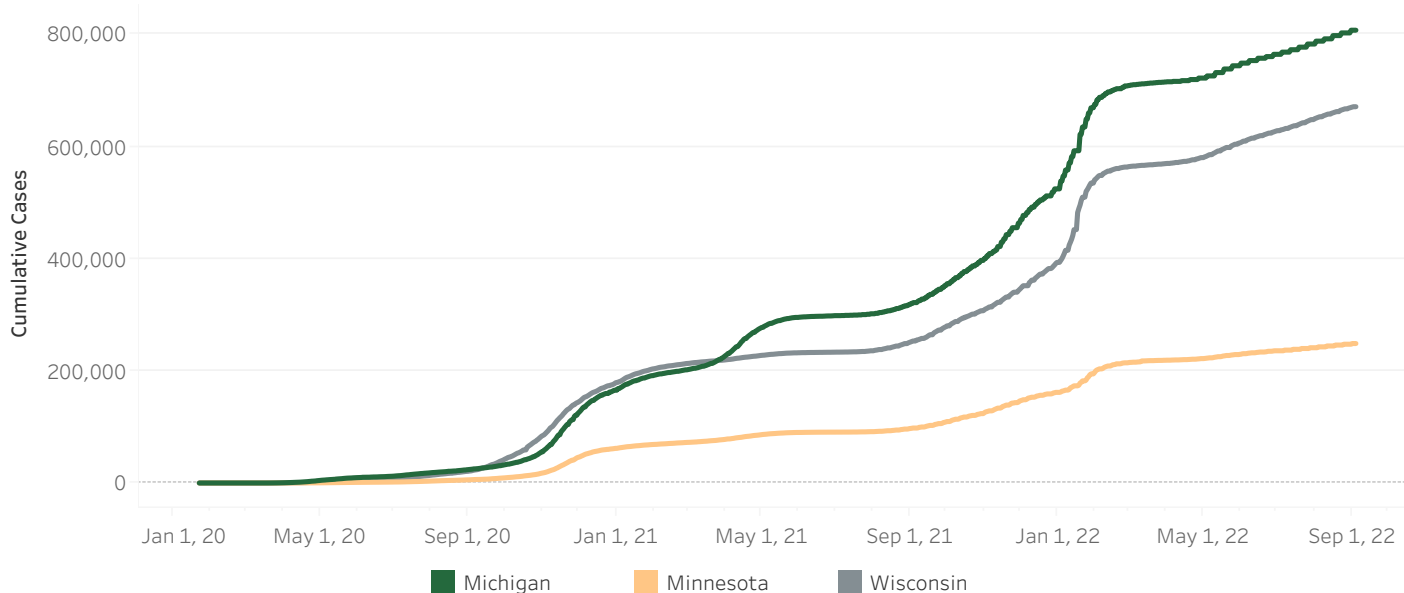
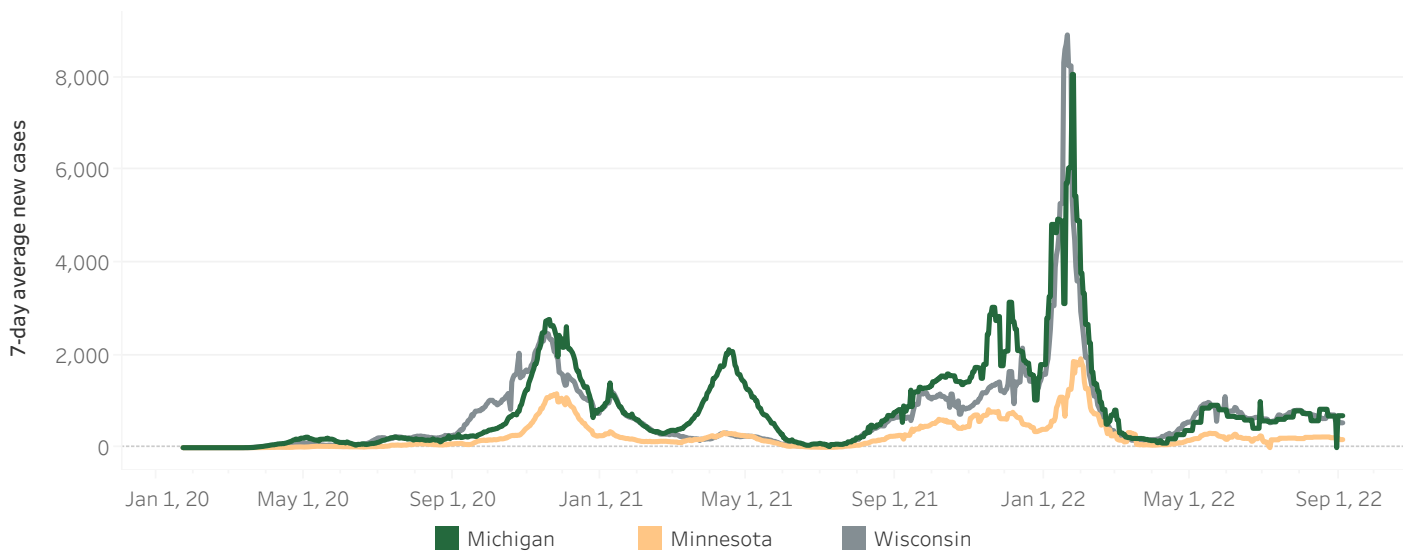
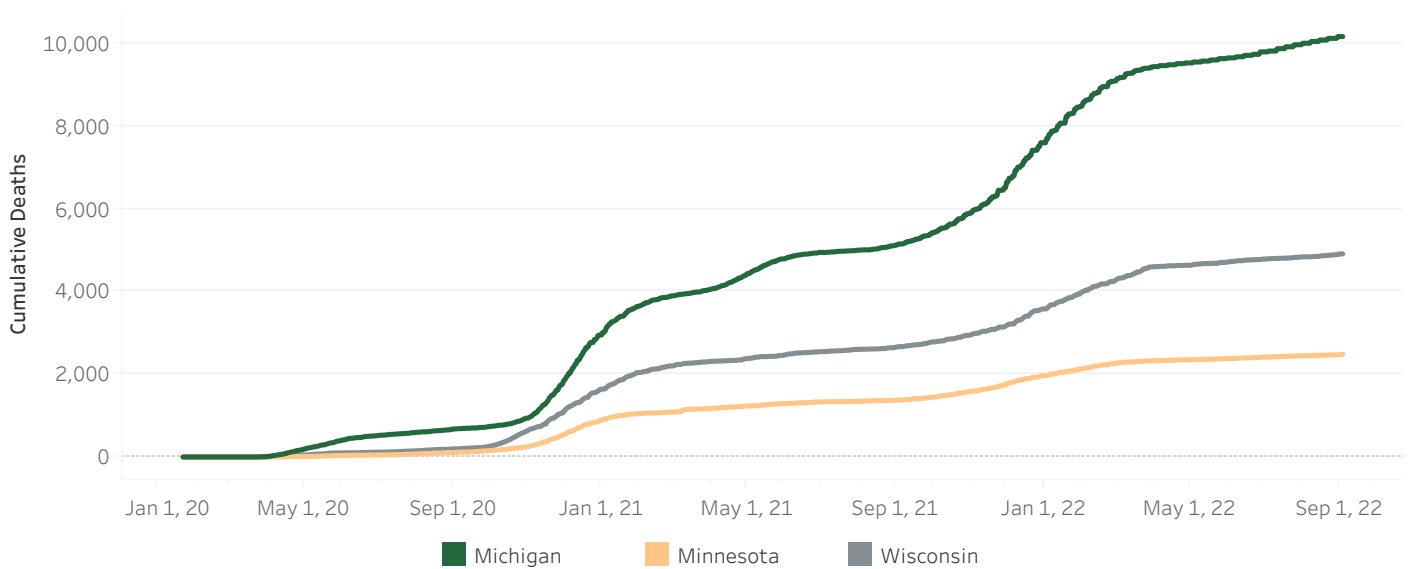


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of September 4, 2022



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 September 4, 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 September 4, 2022

