



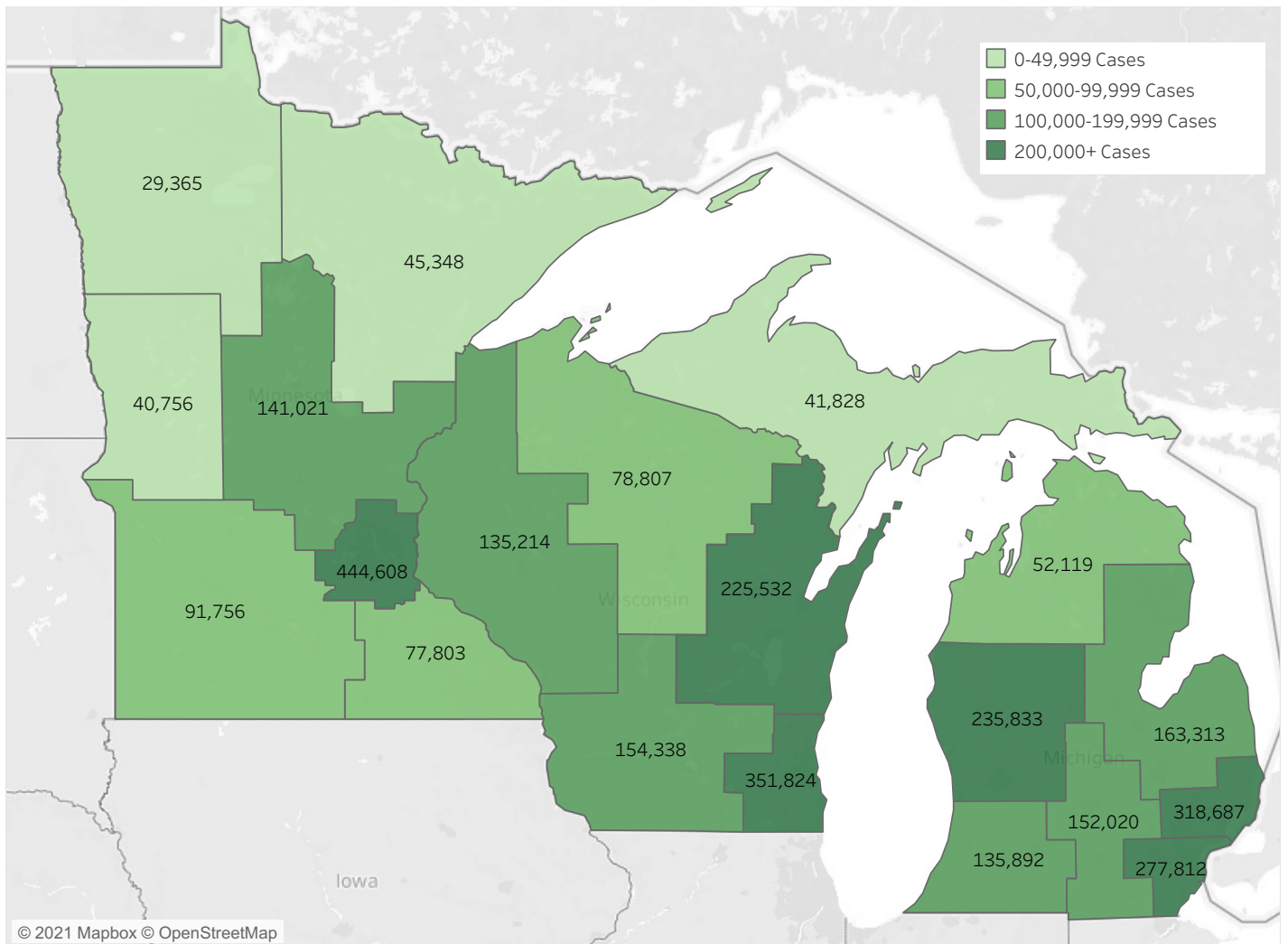
COVID-19 in the Bemidji IHS Area

Updated: November 21, 2021

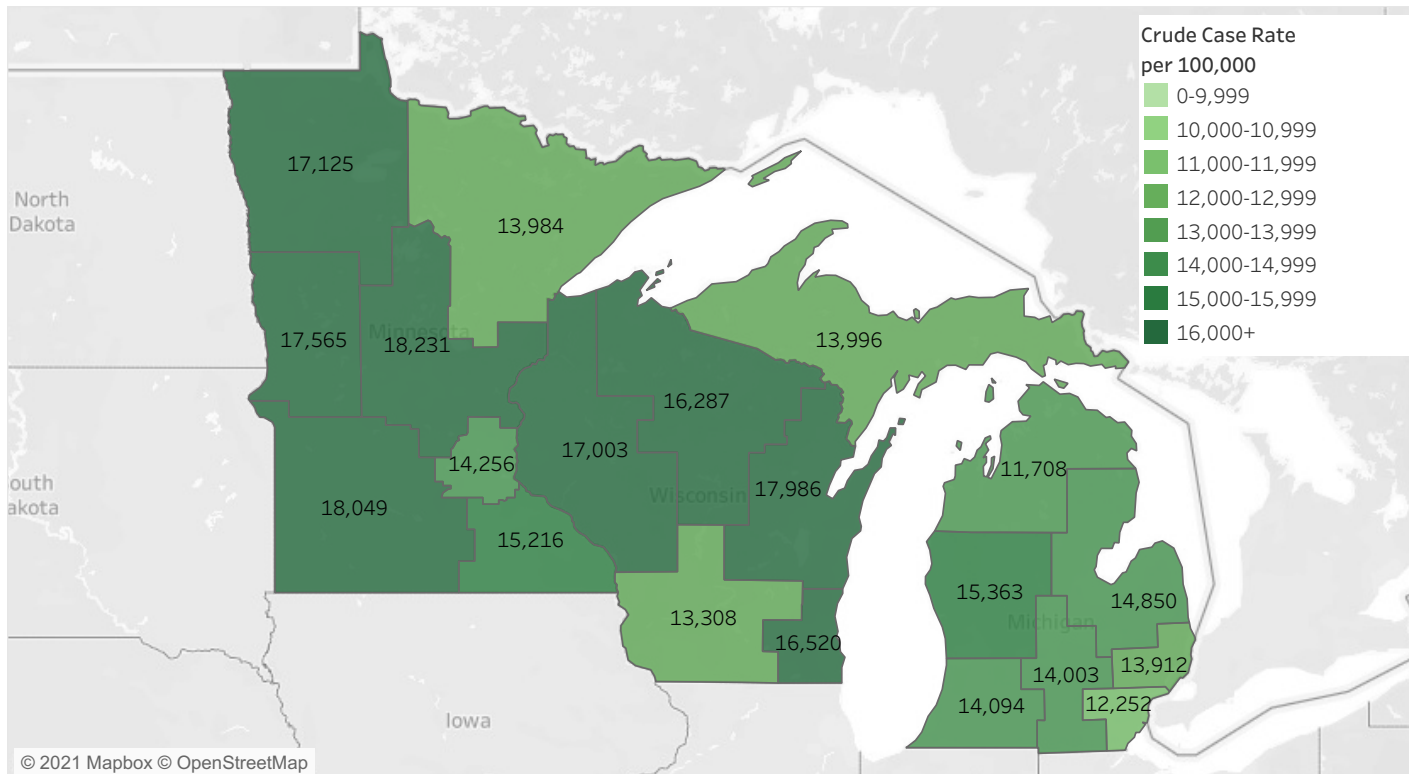
COVID-19 cases and deaths, by region

The greatest number of cases in the three-state area is in Michigan with 1,377,504 cases. This is followed by Wisconsin with 945,715 cases and Minnesota with 870,657 cases. The majority of regions saw an increase in new cases last week compared to the week prior (Map 4).

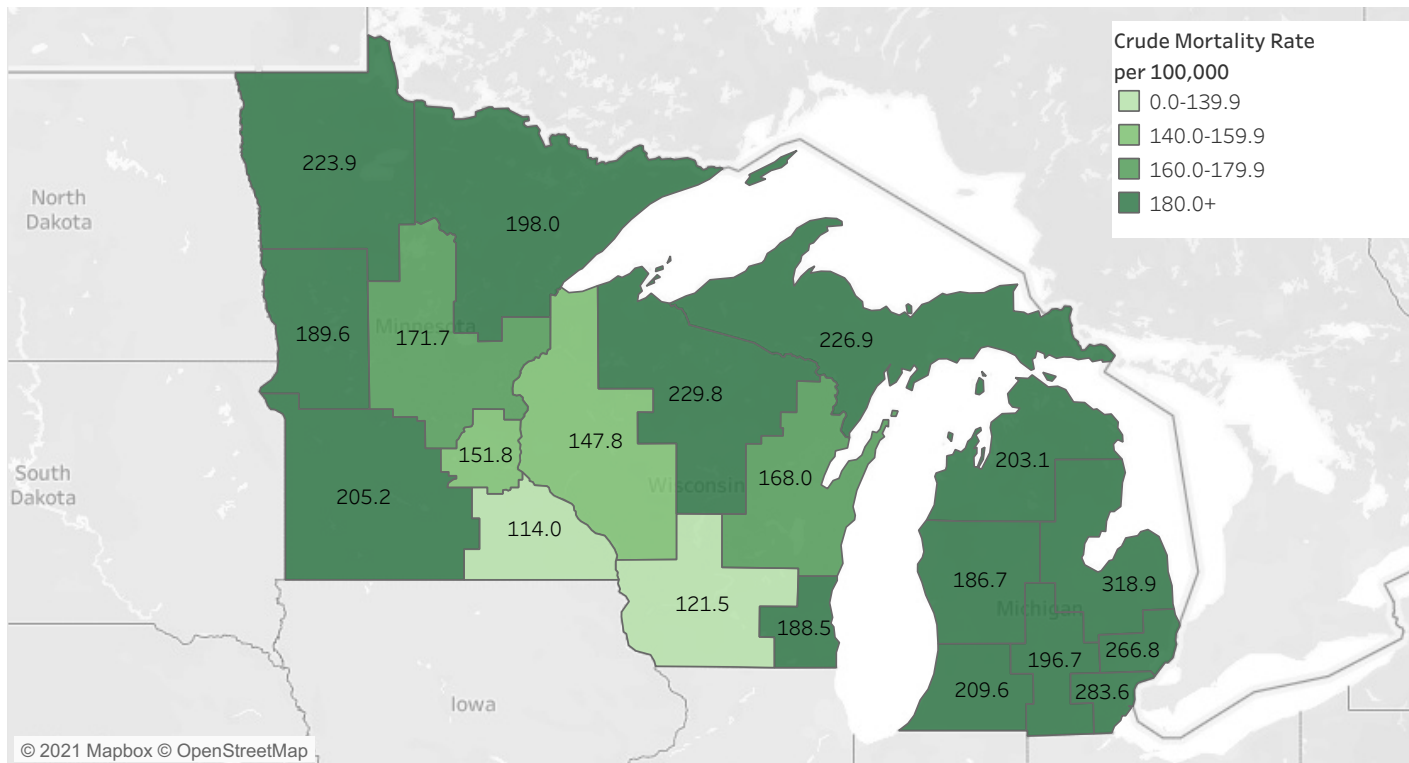
Map 1. Cumulative COVID-19 cases in Michigan, Minnesota, and Wisconsin, by public health region, as of November 21, 2021



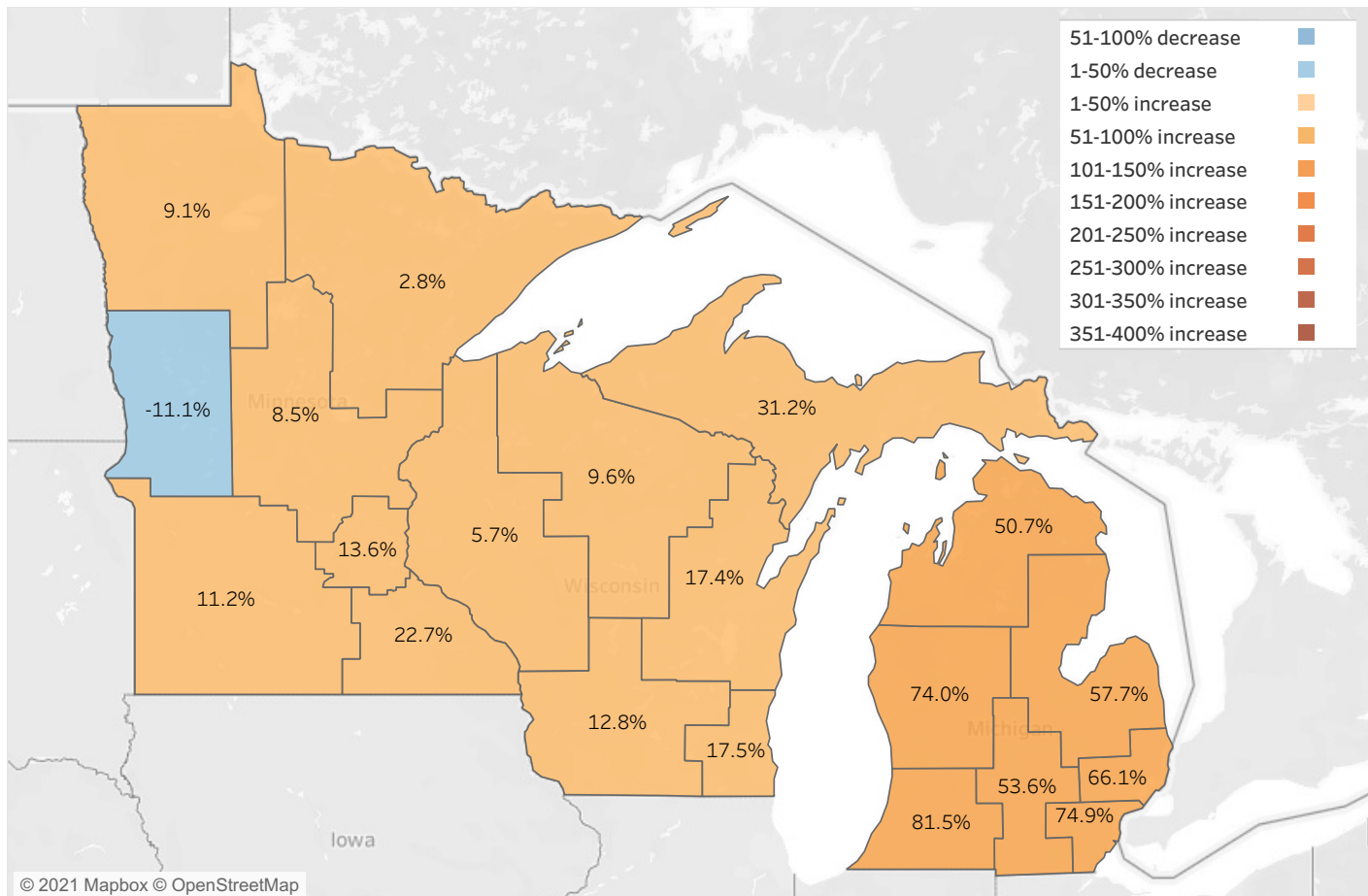
Map 2. Cumulative crude COVID-19 case rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of November 21, 2021



Map 3. Cumulative crude COVID-19 mortality rate (per 100,000) in Michigan, Minnesota, and Wisconsin, by public health region, as of November 21, 2021



Map 4. Percent change in new COVID-19 cases over the last week, November 14, 2021 to November 21, 2021, in Michigan, Minnesota, and Wisconsin, by public health region, as of November 21, 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 21, 2021

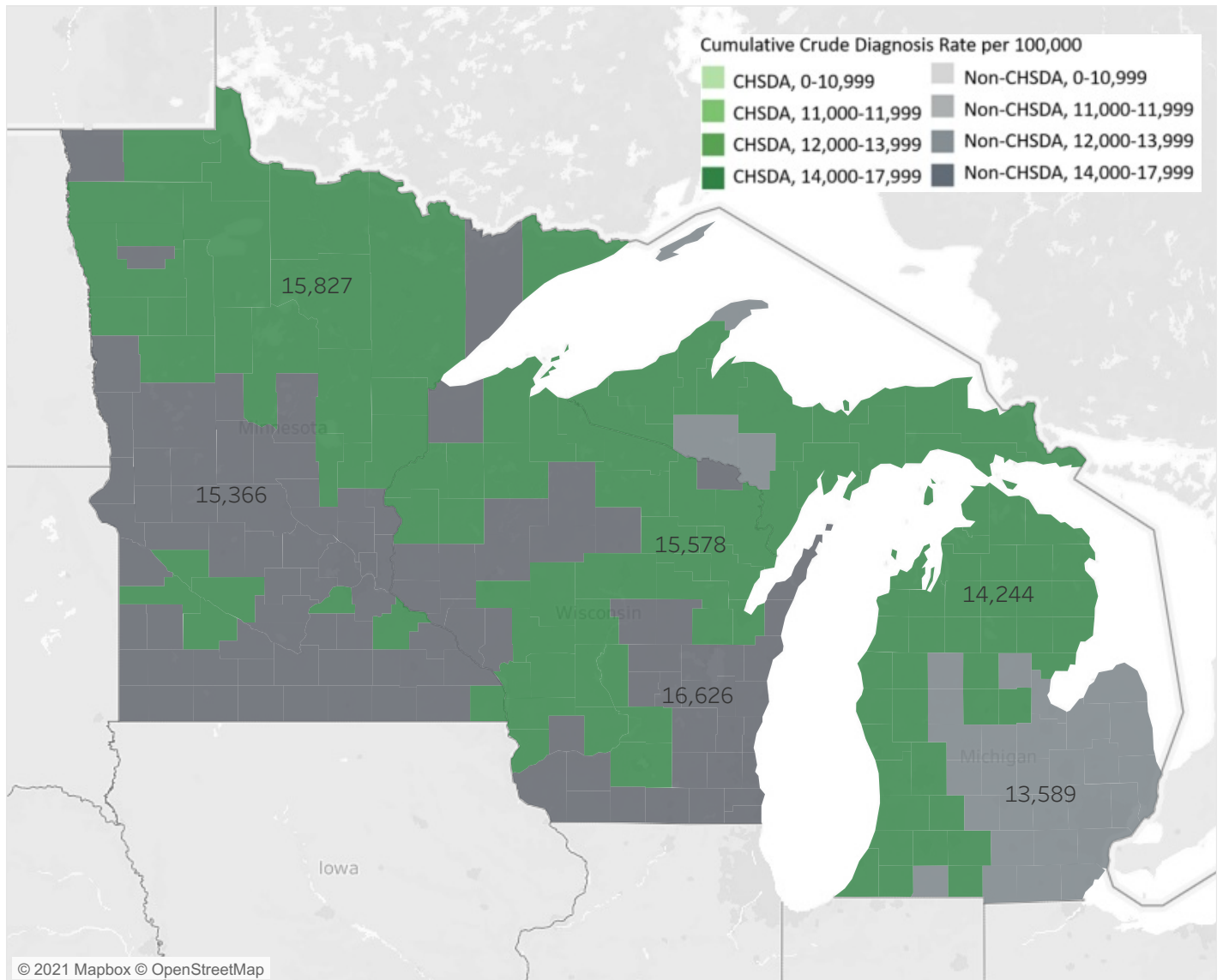
	Cases	Case rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	1,377,504	13,793.2	24,653	246.9
Minnesota	870,657	15,438.2	9,155	162.3
Wisconsin	945,715	16,242.6	9,816	168.6
Three-State Area	3,193,876	14,890.6	43,624	203.4



COVID-19 diagnosis rates, by proximity to reservations

COVID-19 diagnosis rates are higher on or near reservations in Minnesota (15,827 cases per 100,000 people) than on or near reservations in Wisconsin (15,578 cases per 100,000) and Michigan (14,244 cases per 100,000). Counties that are not on or near reservations in Wisconsin have the highest rates within the region (16,626 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 November 21, 2021



¹CHSDAs 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),¹ as of November 21, 2021

		Diagnosed cases	Crude diagnosis rate (per 100,000)	Deaths	Crude mortality rate (per 100,000)
Michigan	CHSDA	443,173	14,244	6,291	202
	Non-CHSDA	934,331	13,589	18,362	267
	Statewide	1,377,504	13,793	24,653	247
Minnesota	CHSDA	139,020	15,827	1,676	191
	Non-CHSDA	731,637	15,366	7,479	157
	Statewide	870,657	15,438	9,155	162
Wisconsin	CHSDA	331,918	15,578	3,088	145
	Non-CHSDA	613,797	16,626	6,728	182
	Statewide	945,715	16,243	9,816	169
Three-State		3,193,876	14,891	43,624	203

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 (443,173 cases), followed by Wisconsin (331,918 cases) and Minnesota (139,020 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 21, 2021

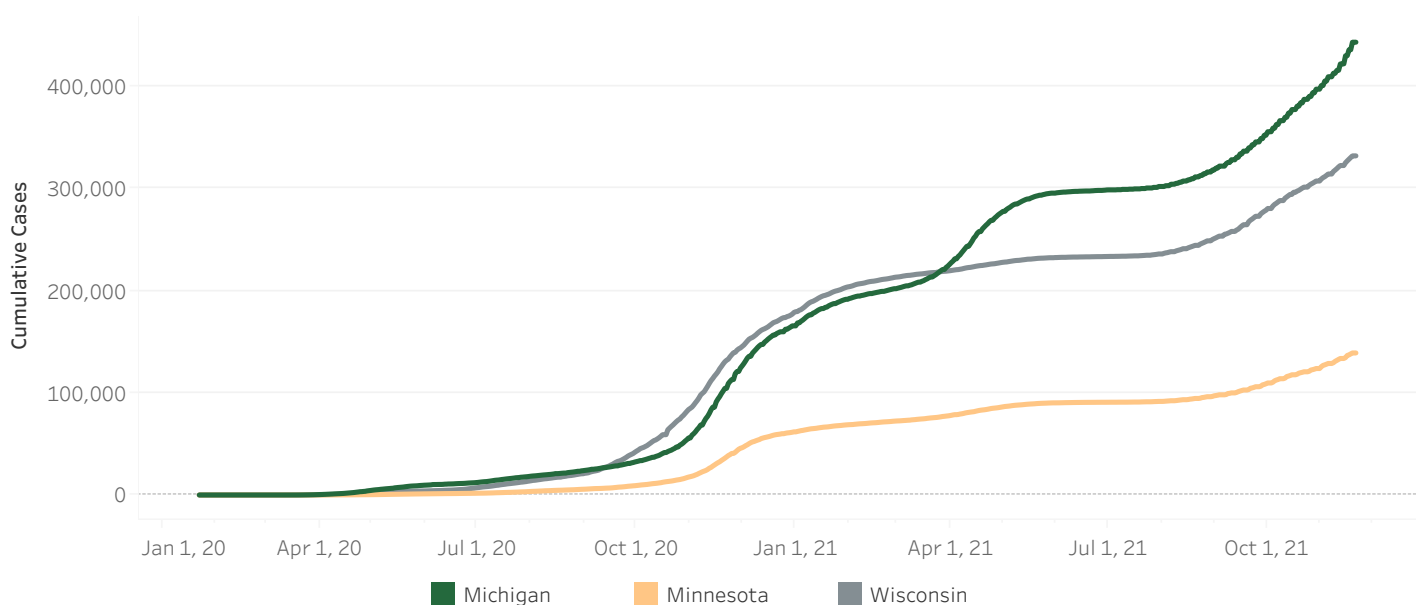
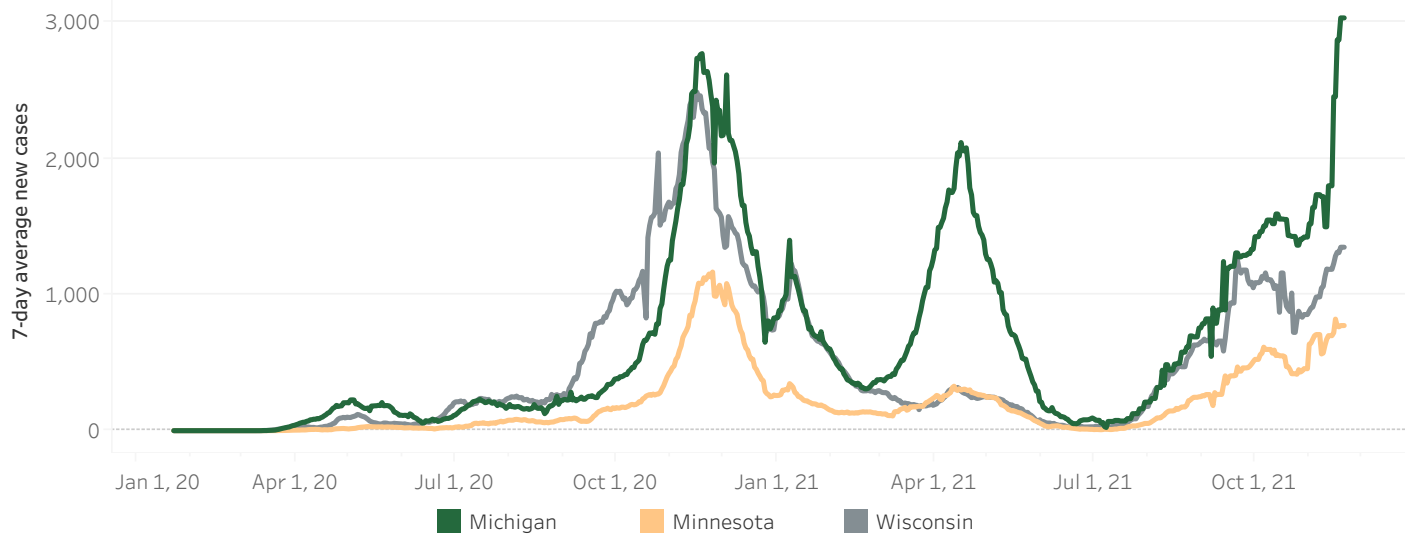
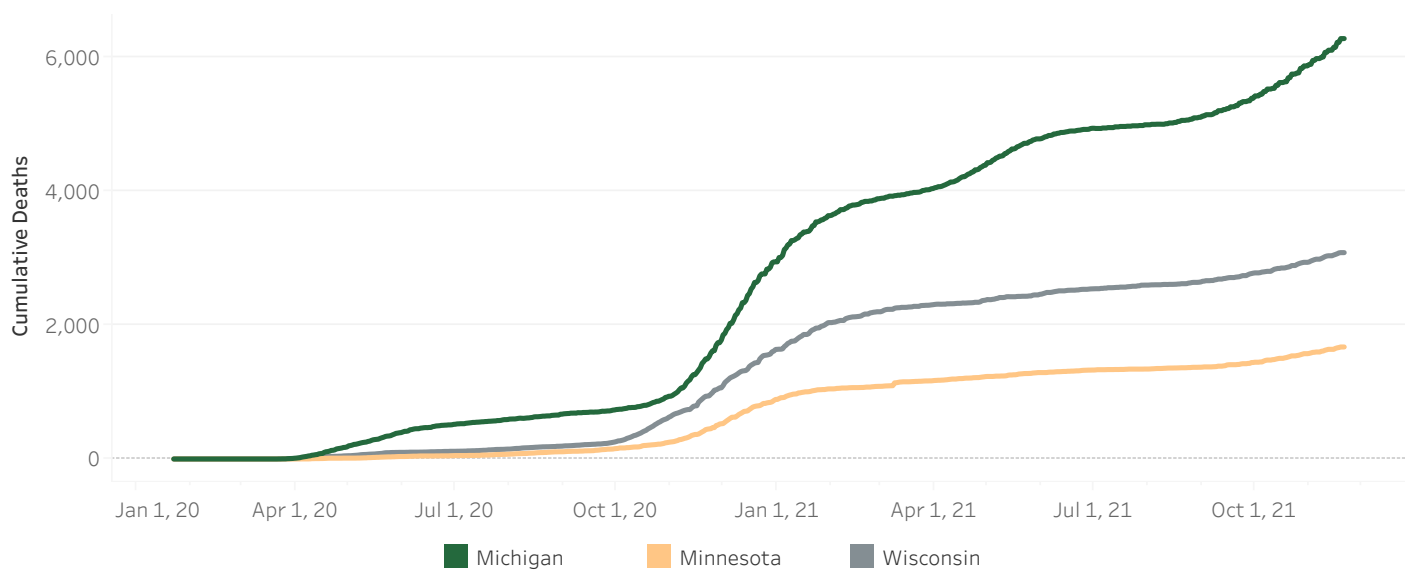


Figure 2. Seven day moving average of new COVID-19 cases on or near reservations in Michigan, Minnesota, and Wisconsin, as of November 21, 2021



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 21, 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 21, 2021

