



# Polio Vaccination Coverage by Zip Code

---

## Background

Polio is a life-threatening disease caused by poliovirus. Poliovirus transmission has been eliminated from the U.S. since 1979, largely due to a successful polio vaccination program. The Centers for Disease Control and Prevention's [ACIP immunization schedules](#) recommend polio vaccination as a four dose series administered at ages 2, 4, 6-18 months, and 4-6 years old. Polio vaccination is not routinely recommended for U.S. residents aged 18 years or older.

In June 2022, poliovirus was confirmed in an unvaccinated adult residing in Rockland County, New York. According to the New York State Immunization Information System ([NYSIIS](#)), 60.3% of Rockland County children had received at least three doses of polio by 24 months old, as of August 2022. The county's health department launched a catch-up vaccination effort and has prompted other jurisdictions to evaluate the polio vaccination coverage of their residents.

DHS encourages everyone to stay up to date on all vaccinations. Wisconsinites can check their own or their child's vaccination status through the Wisconsin Immunization Registry ([WIR](#)). For more information about polio in Wisconsin, please visit the DHS [website](#).

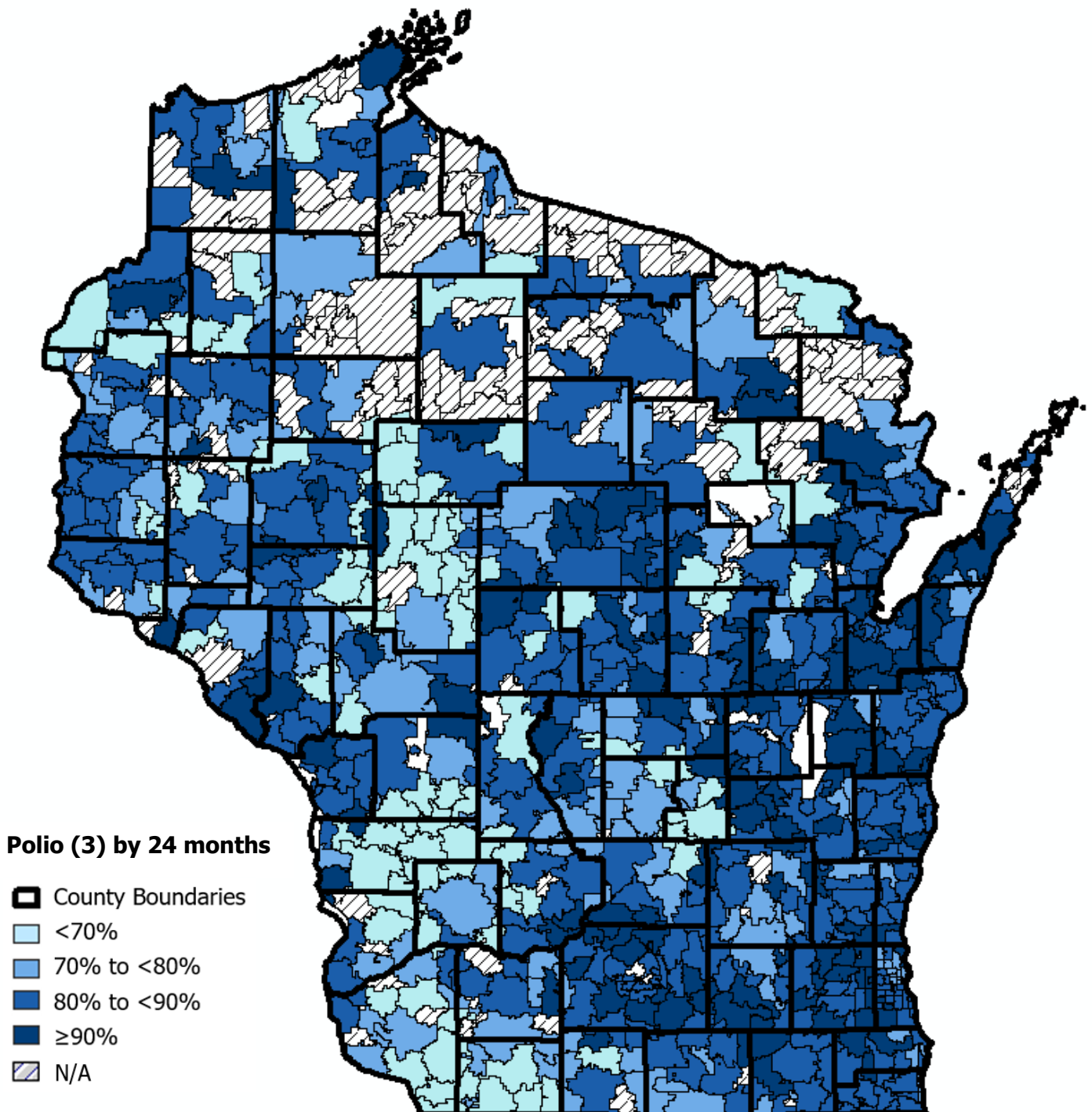
To support outbreak response efforts and vaccination strategies, the Wisconsin Immunization Program is providing a zip code analysis of polio coverage. **NOTE: the data provided in this report includes suppression to ensure confidentiality.** Denominators under 10 clients have been removed from the datasets.

This report is based on coverage data as of September 2022 from the Wisconsin Immunization Registry (WIR). Reporting to WIR is not mandatory unless the provider is part of the Vaccines for Children (VFC) and/or Vaccines for Adults (VFA) programs. Pharmacists who immunize children aged 6-18 have been required since 2015 to submit immunization data within 7 days of administering a vaccine. Vaccine coverage data was evaluated using clients' primary addresses, not the location where they received their vaccine. Addresses were geocoded using an external software to evaluate zip code coverages. Zip codes that didn't geocode to a Wisconsin location were removed from the analysis. Polio coverage was assessed as follows: 3 doses by age 24 months, 3 doses by 4-6 years old, and 4 doses by 4-6 years old.

## Polio (3 doses) vaccination coverage among Wisconsin children by age 24 months, by zip code

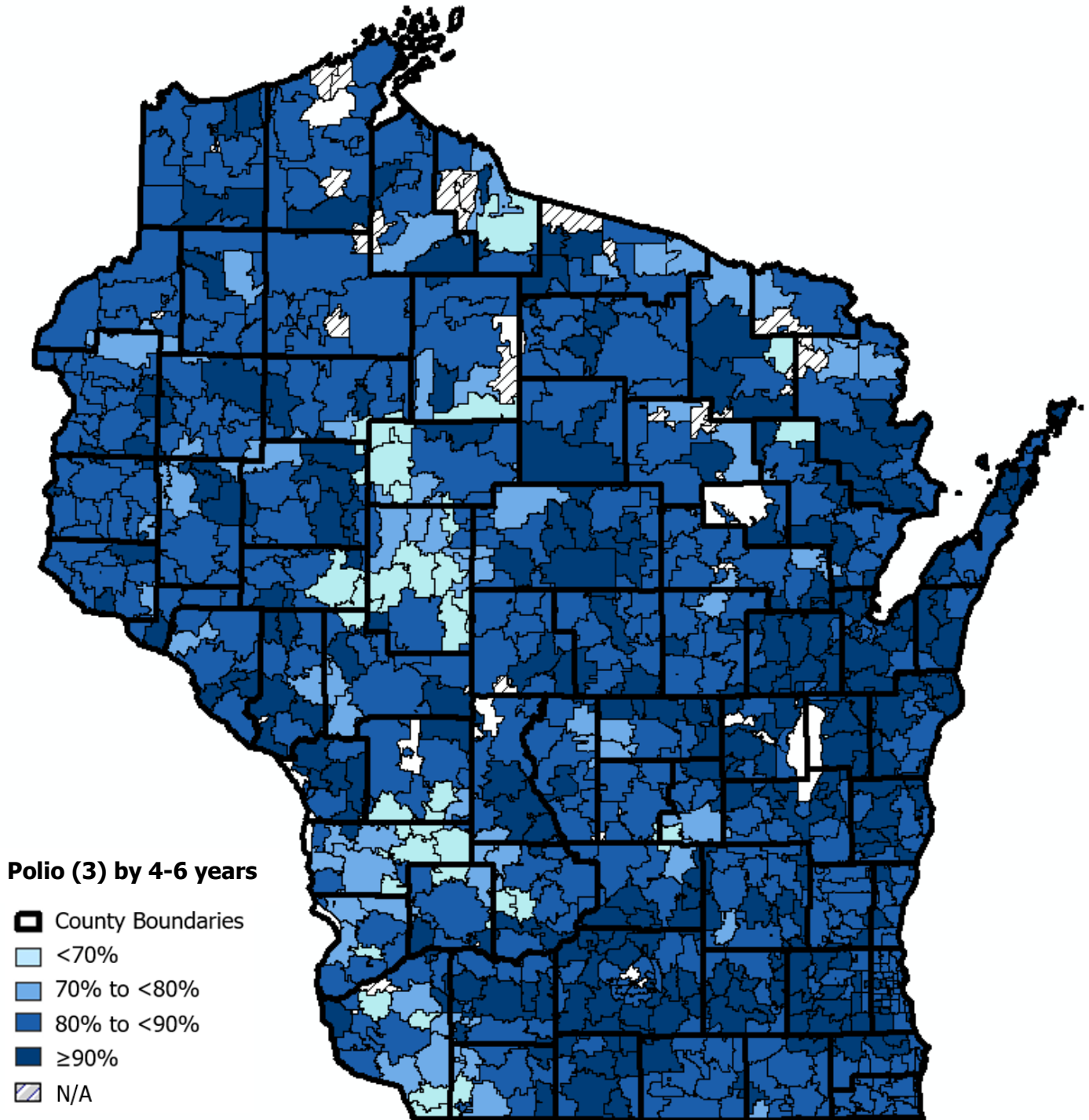
Annually, the Wisconsin Immunization Program evaluates vaccination coverage for 3 doses of polio administered by age 24 months to Wisconsin children. These rates are published at [statewide](#), [regional](#), [county](#), and [city local health department](#) granularities on the public-facing website. In 2021, 84% of Wisconsin children had received at least three doses of polio by age 24 months. County coverage ranged from a minimum of 56% to a maximum of 91%.

**Figure 1: Wisconsin polio (3) vaccination rates by age 24 months, by zip code, 2021 assessment**



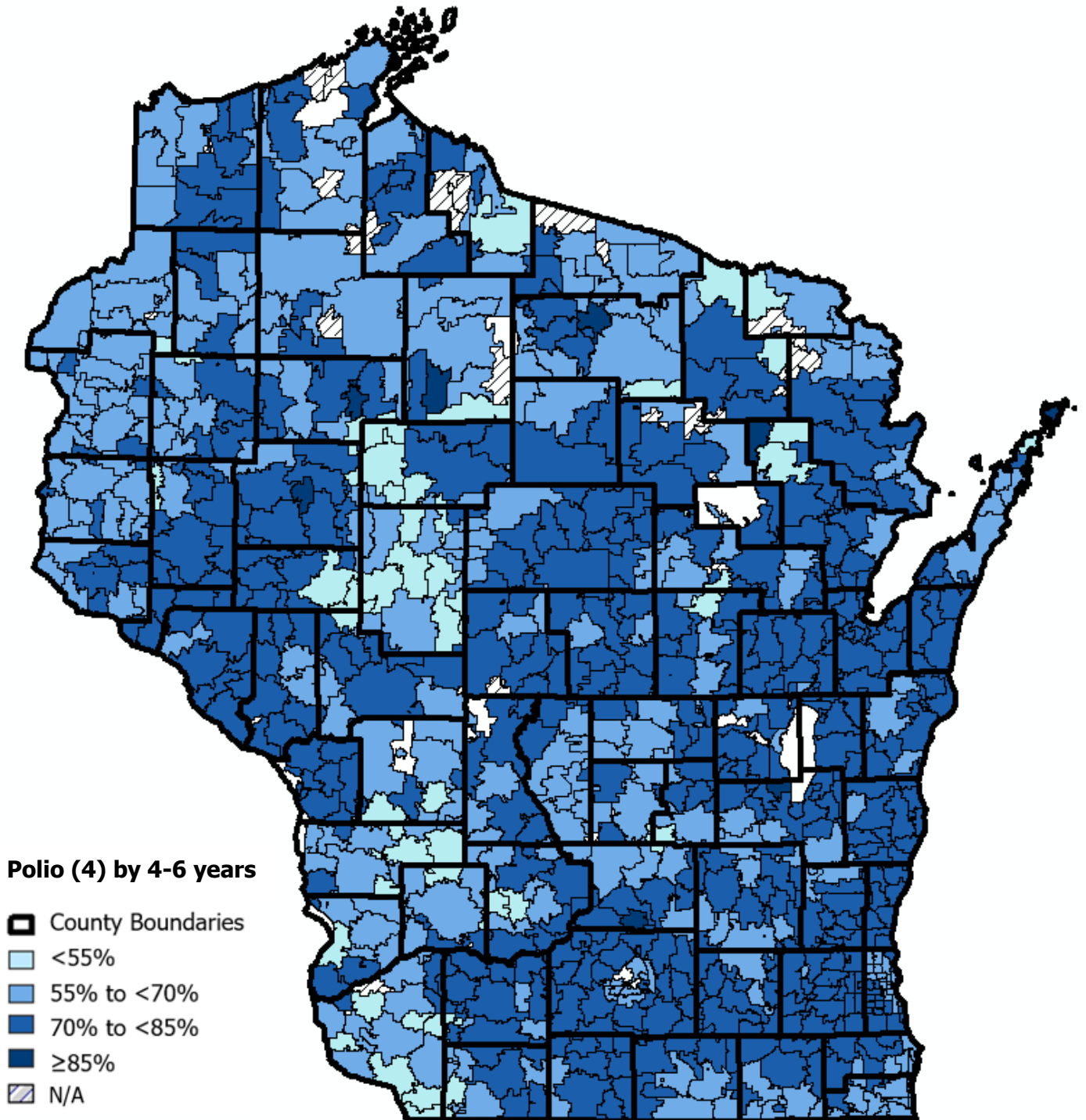
## Polio (3 doses) vaccination coverage among Wisconsin children by age 4-6 years old, by zip code

Figure 2: Wisconsin polio (3) vaccination rates by age 4-6 years old, by zip code, 2021 assessment



# Polio (4 doses) vaccination coverage among Wisconsin children by age 4-6 years old, by zip code

Figure 3: Wisconsin polio (4) vaccination rates by age 4-6 years old, by zip code, 2021 assessment



## Excel Spreadsheet

The zip code data used in the above maps is available to [download](#).

Tab 1 ("By 24 mo"): Wisconsin polio (3 doses) vaccination rates by age 24 months, by zip code

Tab 2 ("By 4-6 yr"): Wisconsin polio (3 & 4 doses) vaccination rates by age 4-6 years old, by zip code

## Additional Resources

- [CDC Global Health - Polio](#)
- [DHS Polio](#)
- [DHS Immunization Rate Data](#)
- [Wisconsin Immunization Registry \(WIR\)](#)