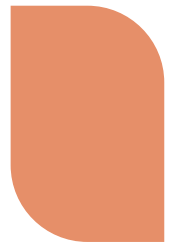


Hepatitis A and B and Wisconsin Hepatitis Elimination



Stephanie Borchardt, Susann Ahrabi-Fard, Caroline Pike
Wisconsin Department of Health Services
October 22nd, 2026

Poll!

What profession/in which spaces do you work? NP, PA, local or Tribal health department, others.

Agenda



- Viral Hepatitis Elimination
- Dashboard Review—Elimination Metrics
- Hepatitis A and B in Wisconsin



Wisconsin Hepatitis Elimination

Caroline Pike, MPH

Viral Hepatitis Prevention Coordinator
Wisconsin Department of Health Services

National Hepatitis Elimination Goals

-  Prevent new hepatitis infections and deaths.
-  Increase the number of people who know their status.
-  Ensure every person living with hepatitis has health care and treatment, free from stigma and discrimination.

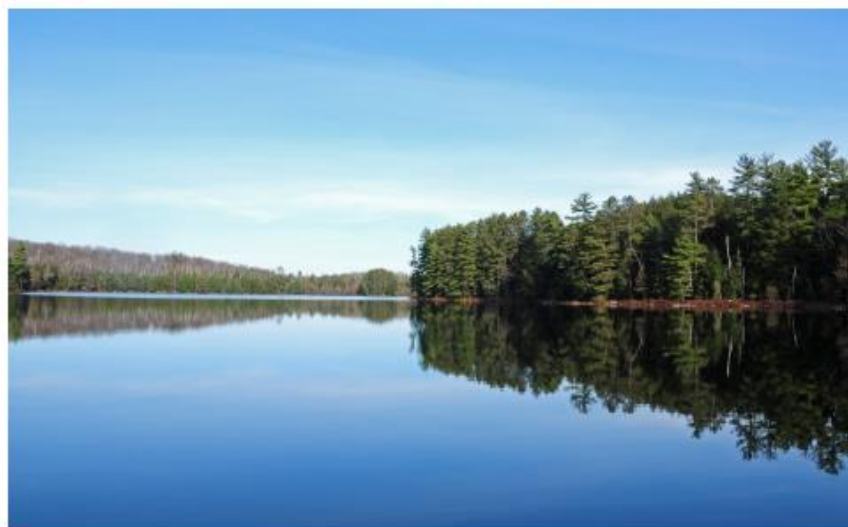
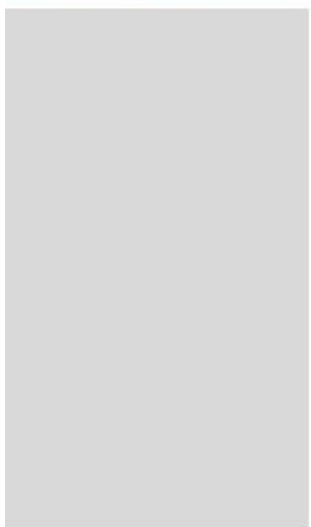
Wisconsin Hepatitis Elimination Plan



Populations of Focus

- Justice system-involved people
- Pregnant people and perinatally exposed infants
- Tribal Nations
- People who use drugs
- Rural residents





STATE OF WISCONSIN VIRAL HEPATITIS ELIMINATION PLAN (2025-2030)

Elimination Plan

- Summary data
- Population of focus
- Key goals



Elimination Plan Metrics

Metrics

The AVHU will collect data on the following metrics to track progress towards the 2030 elimination goals. The AVHU will provide updates through a publicly available online dashboard.

Wisconsin Viral Hepatitis Elimination Measures

Prevent New Viral Hepatitis Infections	2030 Goal
1. Reduce number of new hepatitis A (HAV) infections	↓ 65%
2. Reduce number of acute hepatitis B (HBV) infections	↓ 90%
3. Reduce number of acute hepatitis C (HCV) infections	↓ 90%
4. Increase hepatitis A vaccine initiation completion rates among children 24 months old	≥ 80%
5. Increase hepatitis A vaccine series completion rates among children 24 months old	≥ 45%
6. Increase hepatitis A vaccine series completion rates among adults ages 19-49 years old	≥ 30%
7. Increase percentage of infants who receive hepatitis B birth dose (0-1 day)	≥ 90%
8. Increase hepatitis B vaccine series completion rates among children 24 months old	≥ 90%
9. Increase hepatitis B vaccine initiation rates among adults 19-59 years old	≥ 60%
10. Increase hepatitis B vaccine series completion among adults 19-59 years old	≥ 50%

- Incorporate a variety of data sources
- Track progress towards elimination
- Emphasize actionable changes
- Highlight opportunities for celebration and growth

Elimination Plan Dashboard



Hepatitis B Elimination Measures

Hepatitis C Elimination Measures

Wisconsin Hepatitis A Elimination Measures

 **Click the Status symbol to see data trends for each measure.**

 On track to meet or exceed 2030 goal

 Made some progress towards 2030 goal

 Not on track to meet 2030 goal

Dashboard Review— HAV and HBV Metrics



Hepatitis A and B in Wisconsin



Hepatitis A

Susann Ahrabi-Fard, MS
Hepatitis A Surveillance Coordinator
Wisconsin Department of Health Services

Shifting Epidemiology of Hepatitis A Virus (HAV)



Prior to the use of hepatitis A vaccine, annual cases in the U.S. were reported in the tens of thousands.

Following the licensing of the first vaccine, the annual number of U.S. cases fell by 92% between 1995 and 2010.

U.S. has never been considered more than a “low-endemic country.”



Shifting Epidemiology of Hepatitis A Virus (HAV)

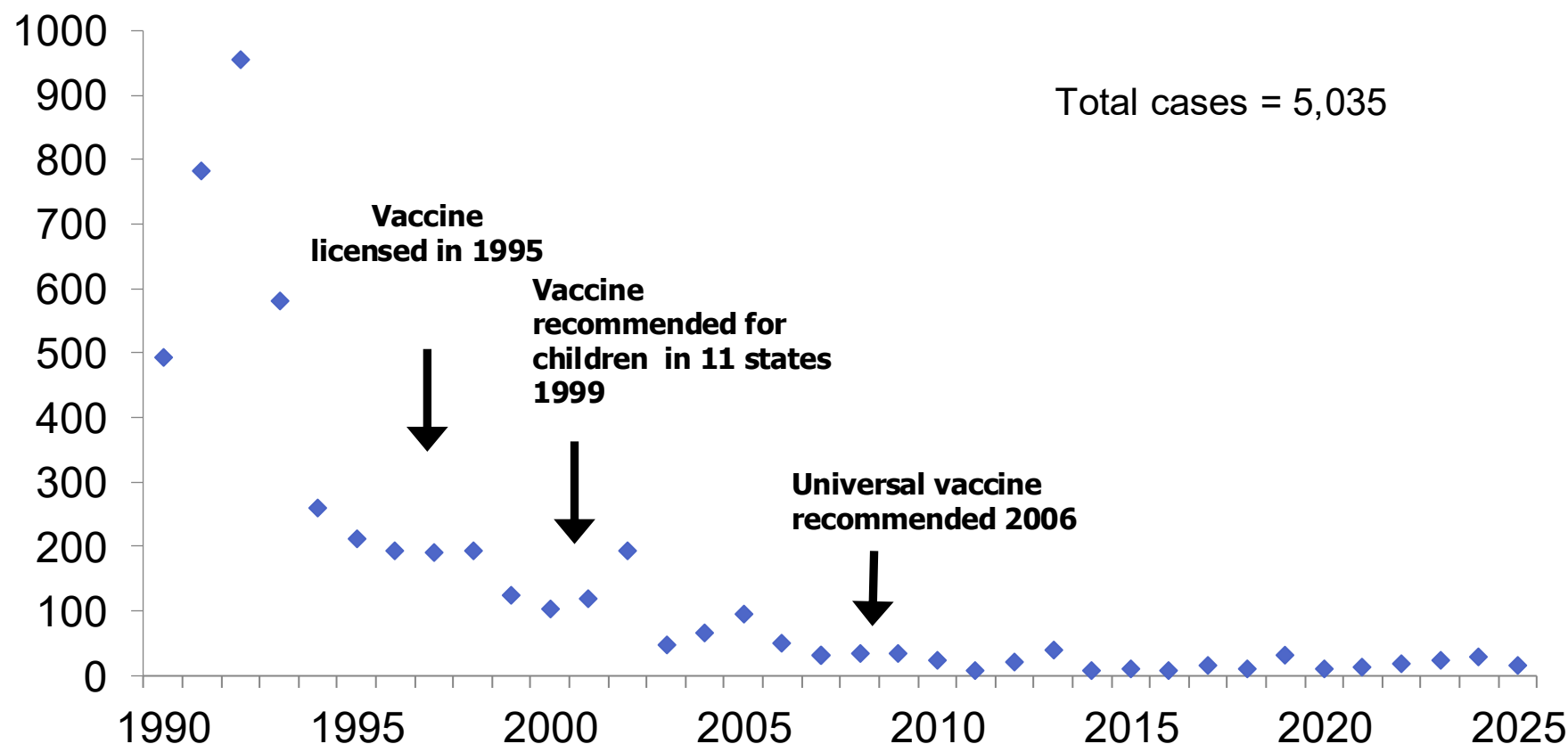


- More recently, cases are in people traveling internationally, or in imported food or water that was contaminated.
- Recent outbreaks have affected groups of people who are experiencing homelessness and those using drugs.
- Many adults have no immunity to HAV due to no childhood exposure or available vaccine.



Hepatitis A Epidemiology

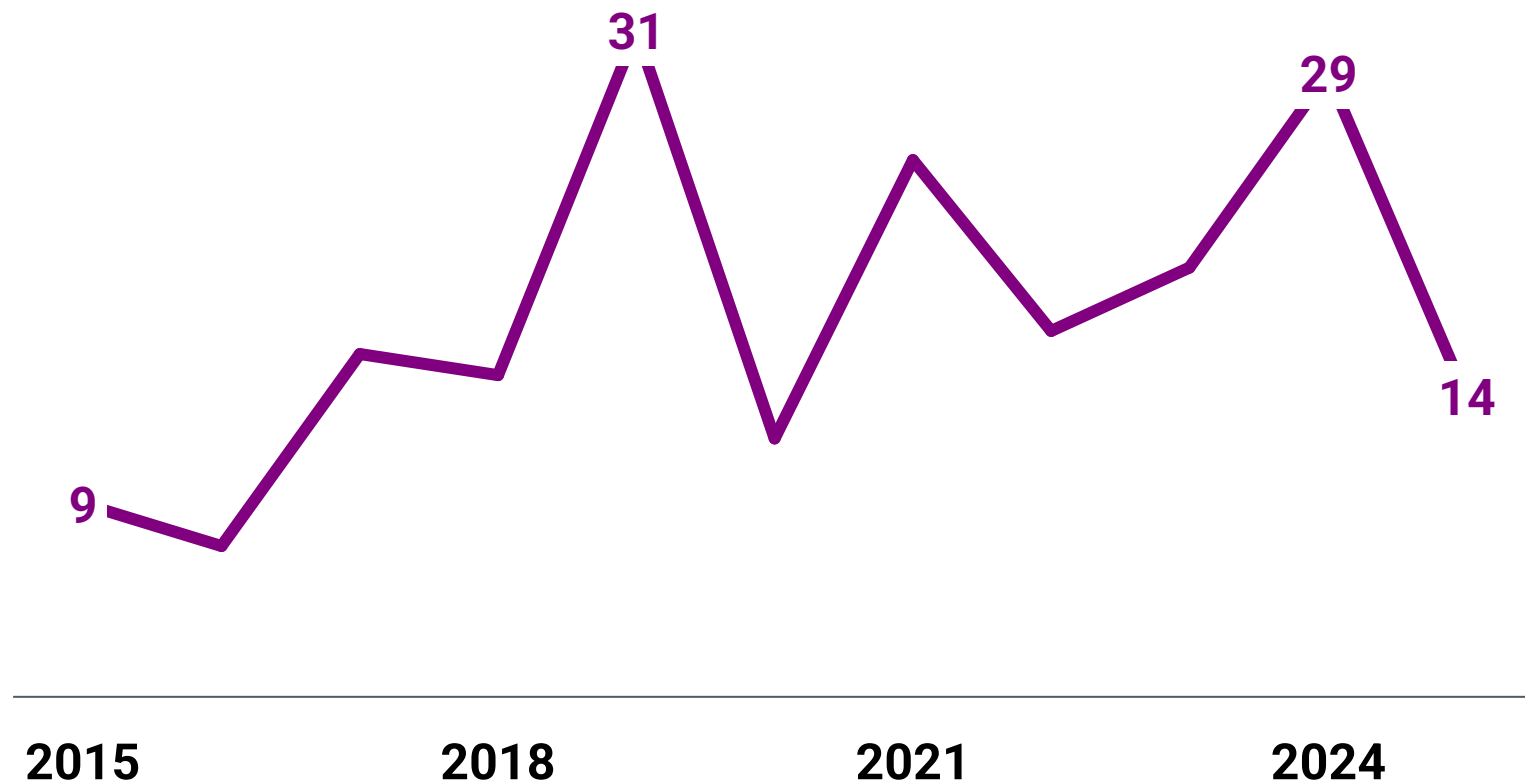
Hepatitis A Virus (HAV) Cases Wisconsin, 1990–2025



Hepatitis A Epidemiology

There were **14 people diagnosed with hepatitis A** in Wisconsin in 2025.

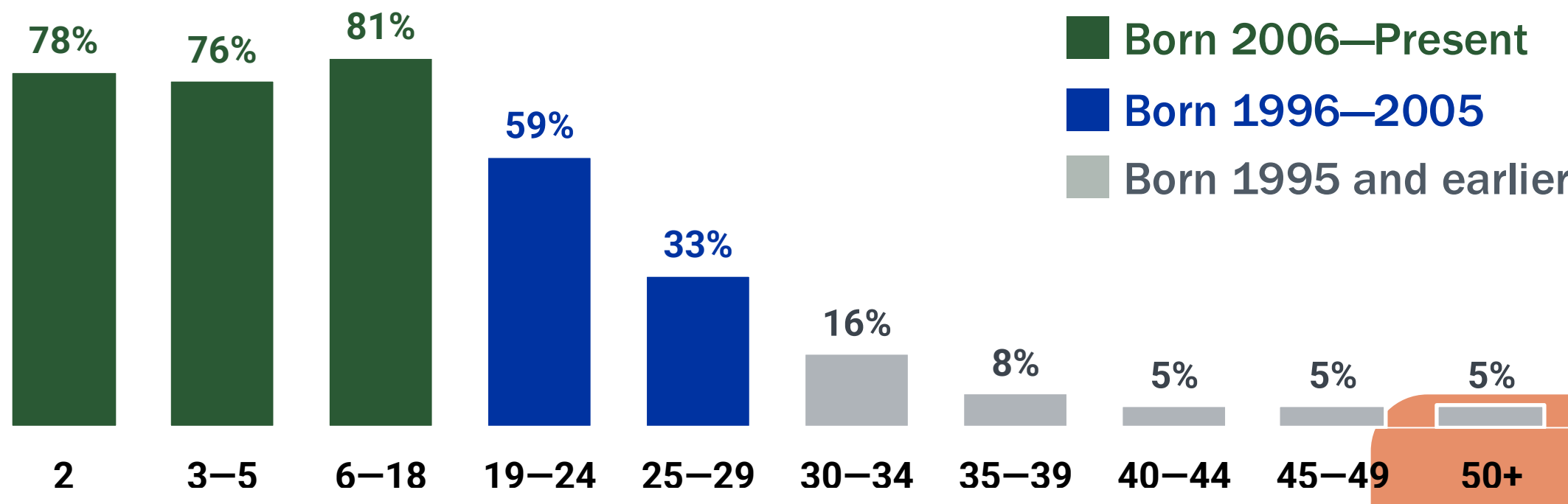
Number of people diagnosed with hepatitis A, Wisconsin, 2015–2025.



Hepatitis A Vaccination

Hepatitis A vaccination rates are highest among **people ages 18 and under** due to universal childhood hepatitis A vaccine recommendations.

Percentage of children, adolescents, and adults vaccinated for hepatitis A by current age (years), Wisconsin, 2024



Key Takeaways

- Approximately 40% of HAV cases in 2024 were among adults 60 and older (through travel, dining out, other outside activities).
- Consider country of origin for adult vaccinations. Even younger adults from other countries may not have been vaccinated against HAV (young immigrants, international students, etc.).
- Vaccination is in a global society, even in low-endemicity countries.

Current Recommendations

All unvaccinated adults who are at increased risk for HAV or at risk of complications from HAV infection:

- International travelers
- People living with HIV
- People with chronic liver disease
- Pregnant people
- People who use drugs
- People experiencing homelessness
- Anyone who requests vaccination

Adult Hepatitis A Vaccination

Havrix

or

Vaqta

or

3 dose series HepA–HepB (Twinrix)

or

4–dose series HepA–HepB (Twinrix) ← Accelerated series



Hepatitis B

Stephanie Borchardt, PhD, MPH

Epidemiologist

Wisconsin Department of Health Services



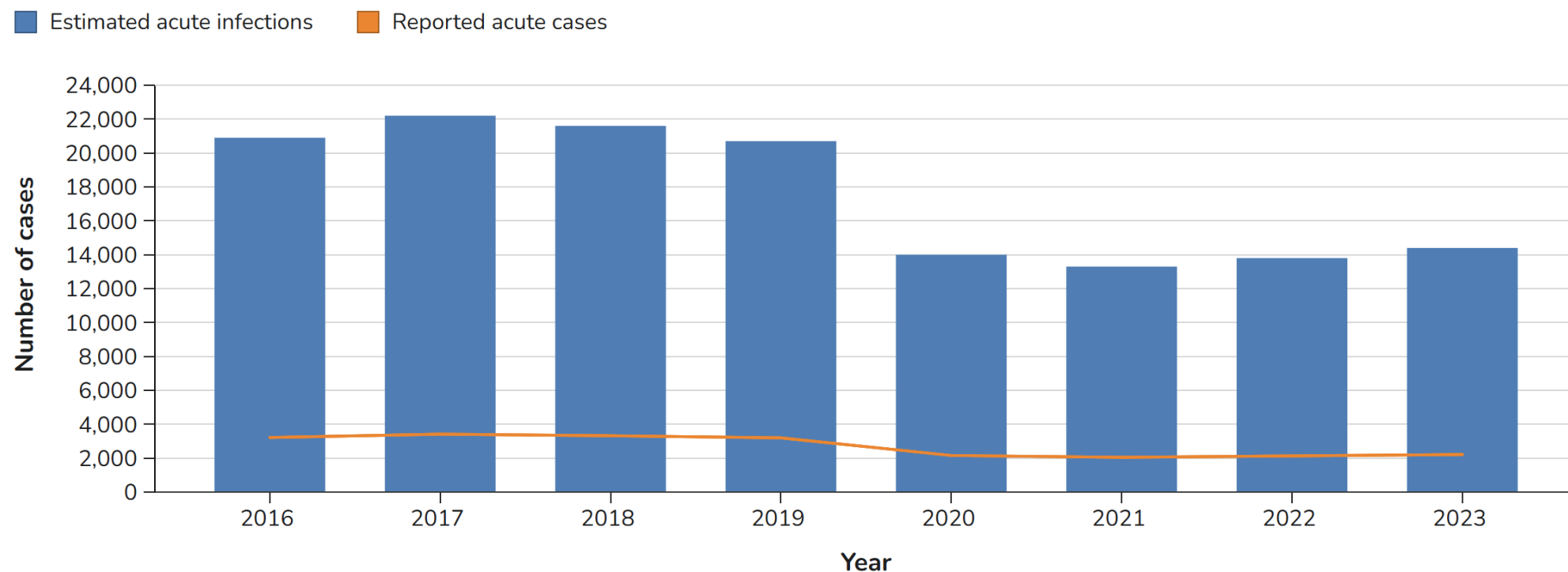
Burden of Hepatitis B–United States

Causes 14,000 to 20,000 new infections per year.

Causes 1,500-2,000 deaths per year.

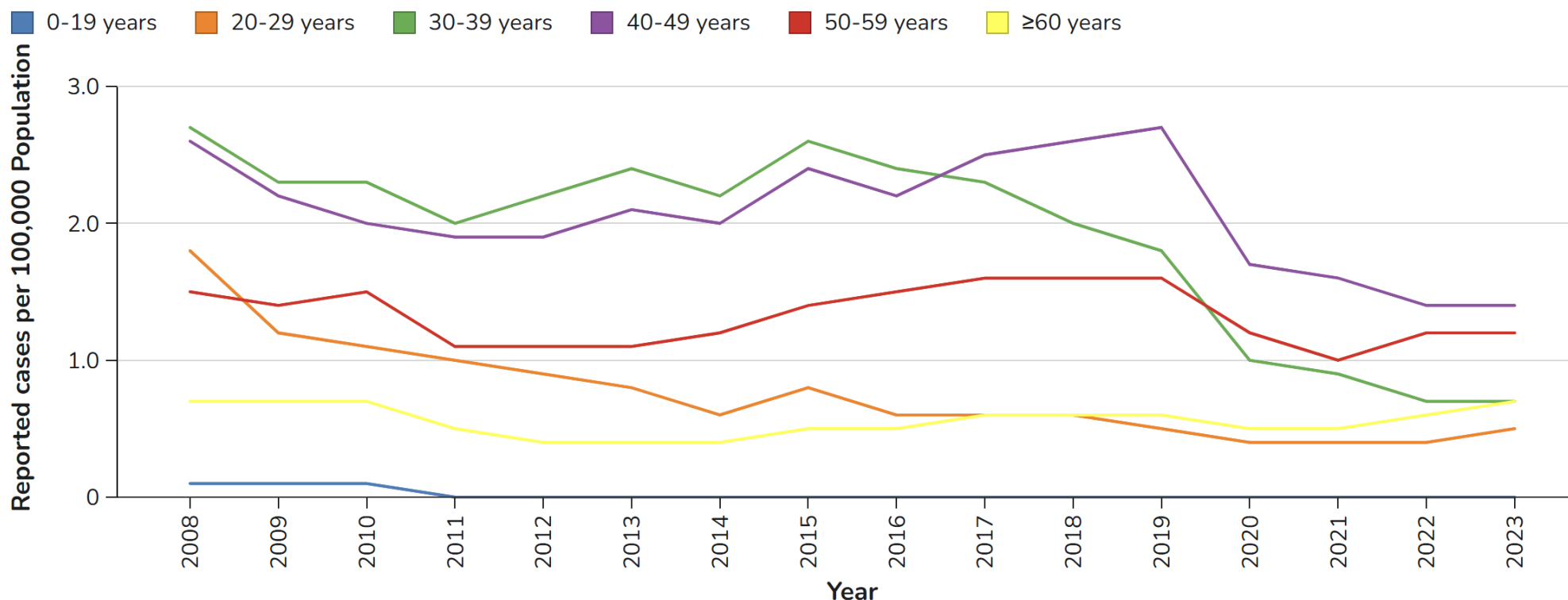
About 50% of infected people do not know they are infected.

Number of reported cases* and estimated infections† of acute hepatitis B — United States, 2016–2023



<https://www.cdc.gov/hepatitis-surveillance-2023/hepatitis-b/>

Rates* of reported cases† of acute hepatitis B, by age group – United States, 2008–2023



<https://www.cdc.gov/hepatitis-surveillance-2023/hepatitis-b/>

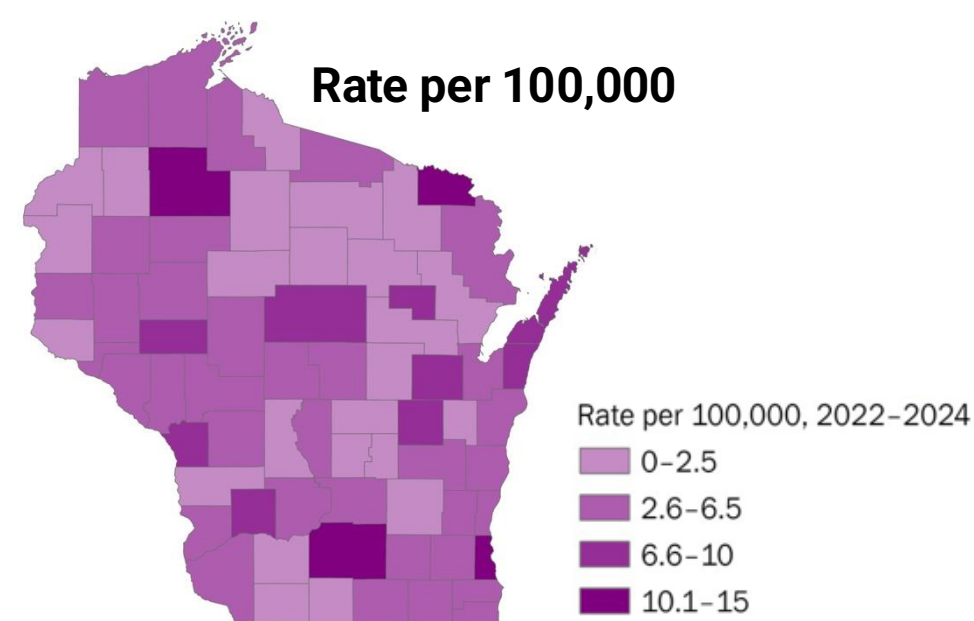
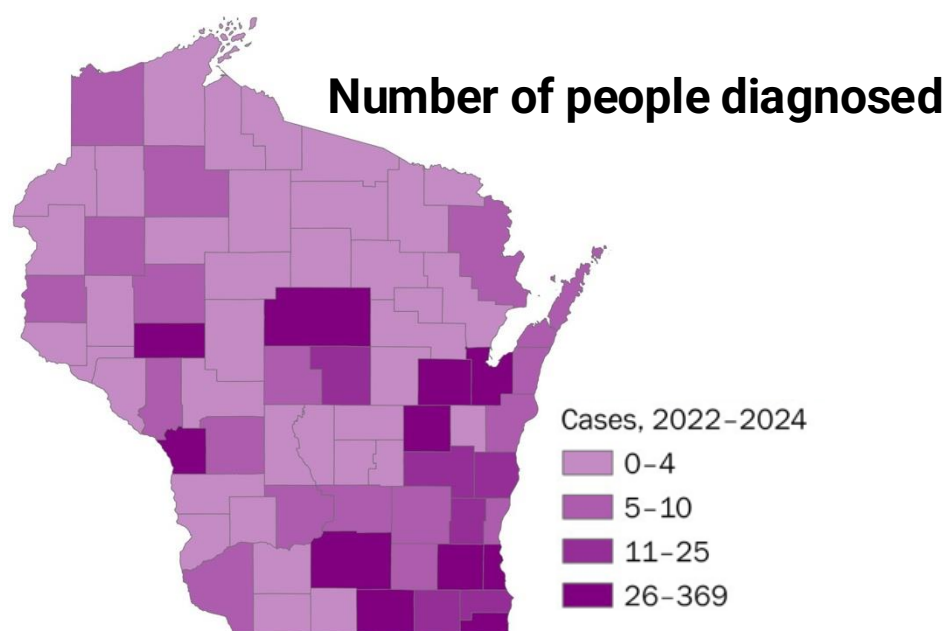


Hepatitis B in Wisconsin, 2024

- There are 5,080 people living with hepatitis B in Wisconsin.
- In 2024, 366 people were newly diagnosed with hepatitis B.
- Wisconsin's highest hepatitis B diagnosis rate is among Asian people.

From 2022–2024, Most People Diagnosed With Hepatitis B Were From Southeastern Wisconsin.

Number and rate of people diagnosed with hepatitis B by county of residence, 2022–2024, Wisconsin





2022 ACIP Recommendations

Adult Hep B Vaccination

The following groups ***should*** receive hepatitis B vaccines:

- Adults through age 59 years.
- Adults aged ≥ 60 years with risk factors for hepatitis B.

The following groups ***may*** receive hepatitis B vaccines:

- Adults aged ≥ 60 years without known risk factors for hepatitis B.

Adult Hepatitis B Vaccination

2 dose series Heplisav-B

or

3 dose series Engerix-B, PreHevbrio, or Recombivax

or

3 dose series HepA-HepB (Twinrix)

or

4-dose series HepA-HepB (Twinrix) ← Accelerated series

Action Steps

- ☐ Universal screening of HBV for all adults over age 18 and every pregnant person during each pregnancy
- ☐ Providing HAV and HBV vaccines to adults over age 18
- ☐ EMR and patient recall reminders
- ☐ Hepatitis training for providers
- ☐ Reporting to public health entities





Email questions, suggestions, and comments about hepatitis elimination planning in Wisconsin and what you would like to see in the statewide plan.

DHSHepatitisEliminationPlan@dhs.wisconsin.gov



DHS Viral Hepatitis Websites

- [Hepatitis A Virus Infection | Wisconsin Department of Health Services](#)
- [Immunizations: Hepatitis B Virus | Wisconsin Department of Health Services](#)
- [Wisconsin Hepatitis C Program | Wisconsin Department of Health Services](#)



Other Resources

- [Hepatitis B Online \(uw.edu\)](https://uw.edu)
- [Immunizations: Recommended Vaccination Schedules for Wisconsinites | Wisconsin Department of Health Services](#)
- [Clinical Testing and Diagnosis for Hepatitis B | Hepatitis B | CDC](#)
- [Hepatitis C Online \(uw.edu\)](https://uw.edu)
- [Clinical Screening and Diagnosis for Hepatitis C | Hepatitis C | CDC](#)
- [Recommendations for Testing, Managing, and Treating Hepatitis C | HCV Guidance \(hcvguidelines.org\)](#)
- [Online Viral Hepatitis Serology Training | CDC](#)
- [Archived Webinars – Midwest AIDS Training + Education Center-Wisconsin – UW–Madison](#)
- [UW Addiction Consultation Provider Hotline Phone Numbers \(wisc.edu\)](https://wisc.edu)
- [Hepatitis C Management | National Clinician Consultation Center \(ucsf.edu\)](https://ucsf.edu)

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Questions?