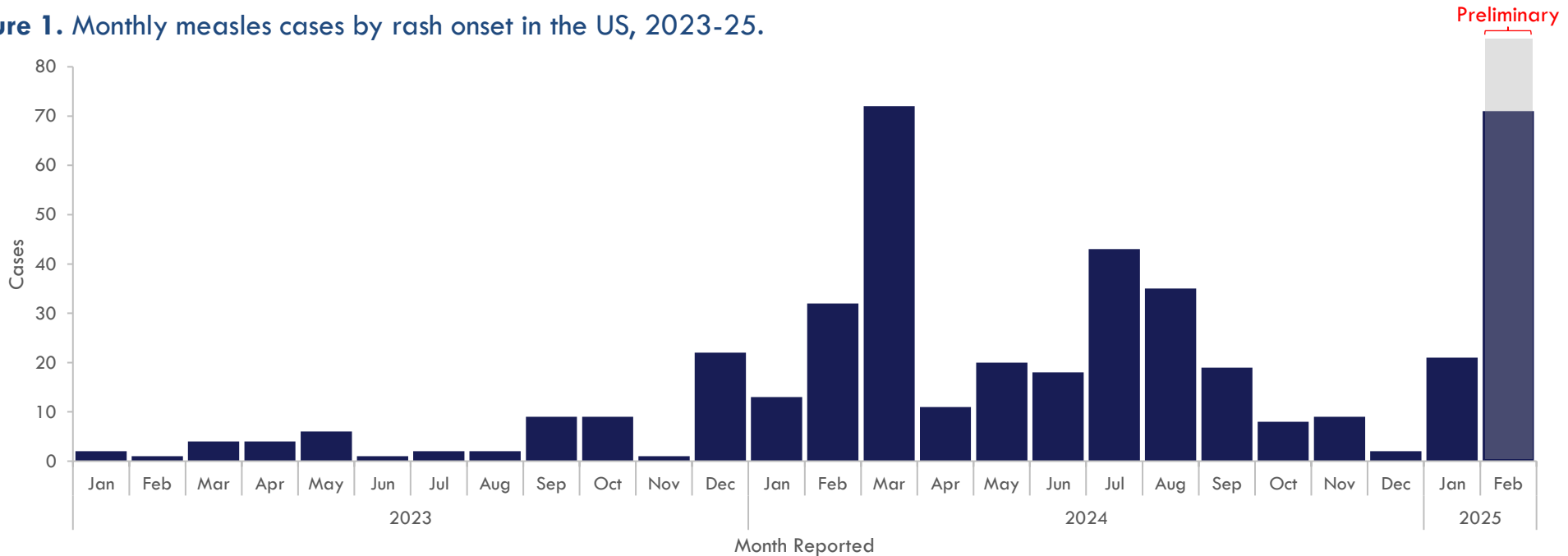


Measles (Rubeola) || Nationwide Situation

KEY POINTS

- The number of measles cases detected in the US has been steadily increasing since 2023 (**Figure 1**)¹.
- In 2025, the number of cases detected is approach 33% of all cases reported compared to 2024 (**Table 1**)¹.
- Majority of cases impacted are ages 00-19yrs and approximately 92% of all cases in 2024 and 2025 are unvaccinated.
- For 2024 and 2025, the majority of cases are concentrated in Texas, Minnesota, and Indiana (**Figure 2**)¹, followed by multiple coastal states.

Figure 1. Monthly measles cases by rash onset in the US, 2023-25.



¹CDC Measles Cases and Outbreaks

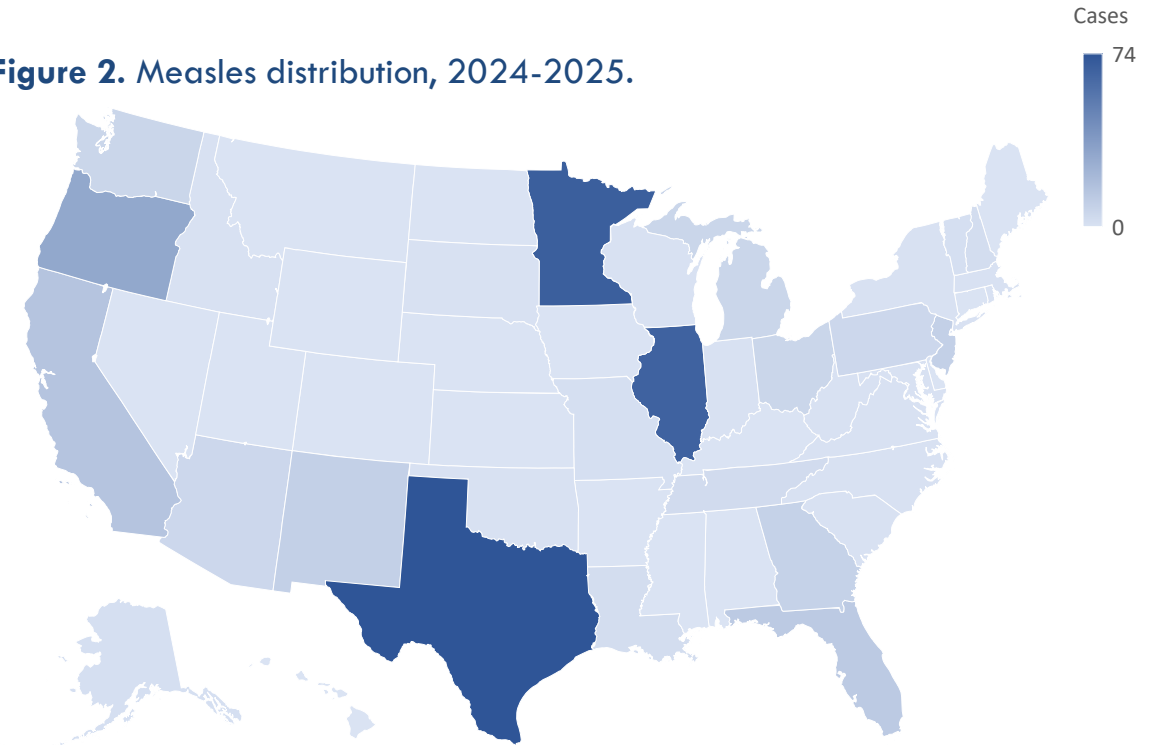


Measles || Nationwide Situation

Table 1. Measles case demographics, 2024-2025.

| | 2024 | 2025 | Total |
|-----------------------|----------|---------|-----------------|
| Total number of cases | 285 | 93 | 378 |
| Age Group* | n(%) | | |
| 00 to 04 yrs | 120 (42) | 28 (30) | 148 (39) |
| 05 to 19 yrs | 88 (31) | 48 (52) | 136 (36) |
| 20 or older | 77 (27) | 15 (16) | 92 (24) |
| Vaccination Status | | | |
| Unvaccinated | 89% | 95% | - |
| One MMR Dose | 7% | 4% | - |
| Two MMR Doses | 4% | 0% | - |

Figure 2. Measles distribution, 2024-2025.



Powered by Bing
© GeoNames, Microsoft, TomTom

¹[CDC Measles Cases and Outbreaks](#)



Measles || Nationwide Situation

KEY POINTS

- **Figures 3 and 4** displays the MMR vaccination coverage and vaccination exemption rates reported for the nation and for select states, according to the CDC's SchoolVaxView Interactive²
- The vaccination coverage rate for the nation averaged approximately 94% annually since 2011 (**Figure 3**).
- Texas, New Mexico, and California, consistently reported higher coverage rates annually compared to the national average (**Figure 3**).
- Meanwhile, **Figure 4** illustrates a steady increase in vaccination exemptions offered for Texas, New Mexico, and Hawaii.

Figure 3. MMR vaccination coverage for Natl, TX, NM, CA, and HI, 2011-2024.

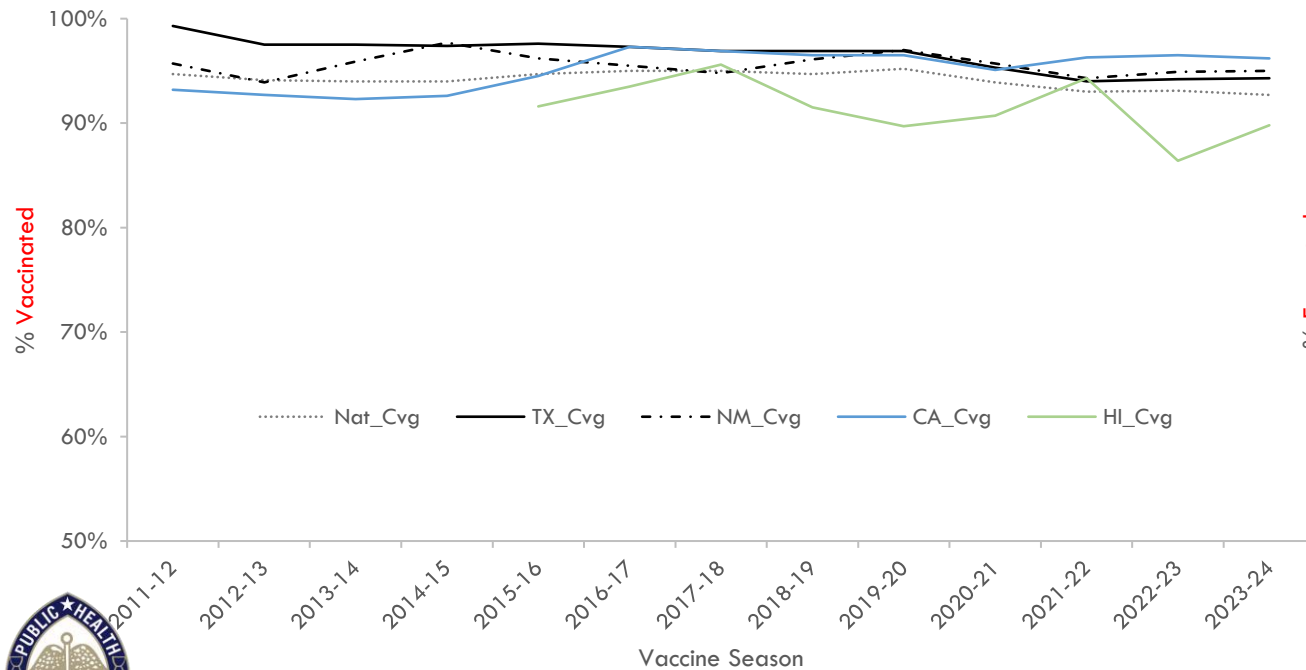
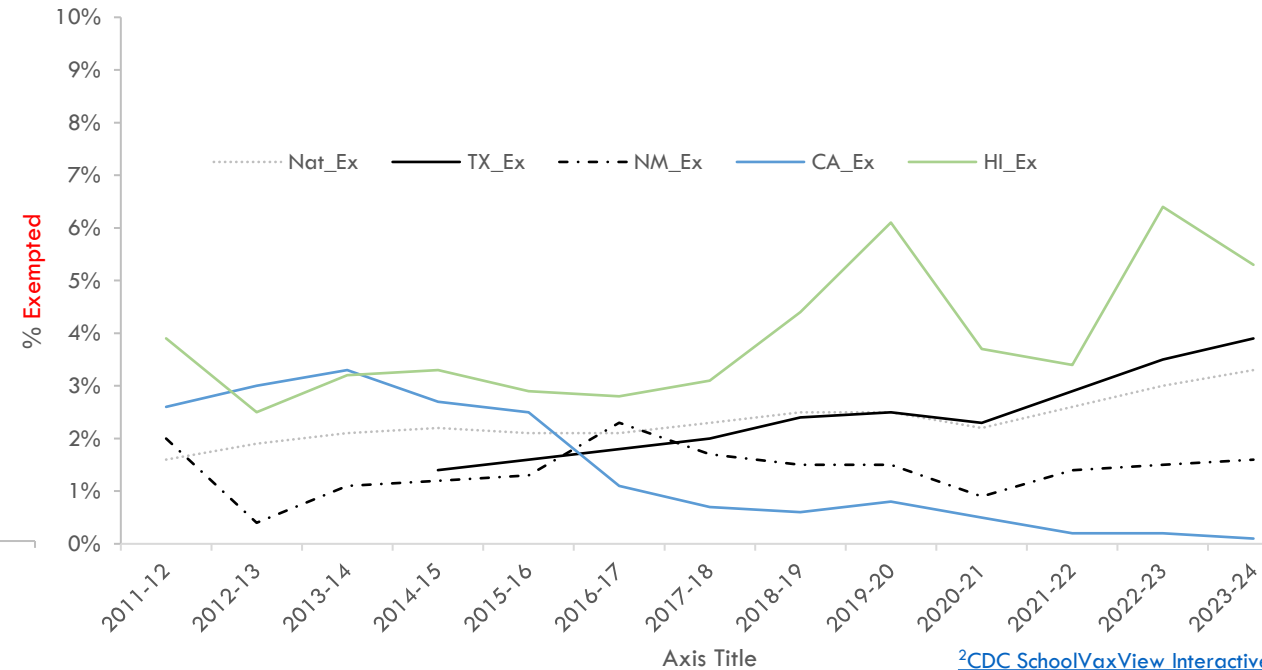


Figure 4. Vaccination exemptions for Natl, TX, NM, CA, and HI, 2011-24.

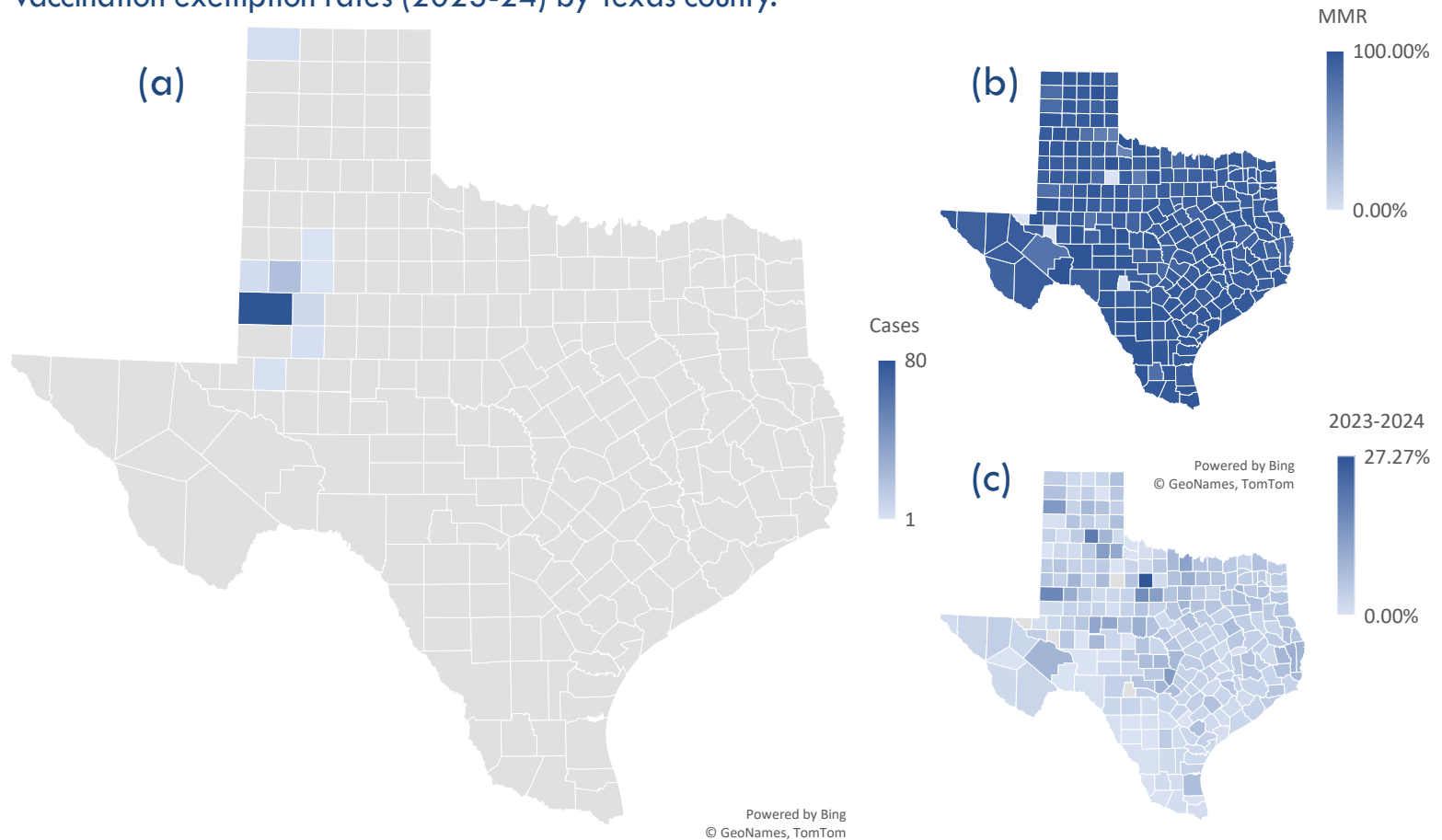


Measles || Texas Outbreak

KEY POINTS

- The current Texas measles outbreak is concentrated in the western counties, with Gaines county being the epicenter, with nearby counties adjacent to Gaines reporting cases (**Figure 5a**)³.
- As previously mentioned, Texas as a state has relatively high vaccination coverage, approximating 97% on average for the last 13 vaccination seasons (**Figure 5b**)³.
- However, Gaines county reported a coverage rate of 82% (**Figure 5b**)³.
 - Further review of the county's school-level data highlights coverage variability, ranging from 46% to 94% across the 3 public schools.
- Gaines county has also reported and sustained higher than usual exemption rates, though the county with the highest exemption rate is in Throckmorton (**Figure 5c**)³.

Figure 5. Measles (a) case distribution (2025); (b) vaccination coverage (2023-24); and (c) vaccination exemption rates (2023-24) by Texas county.

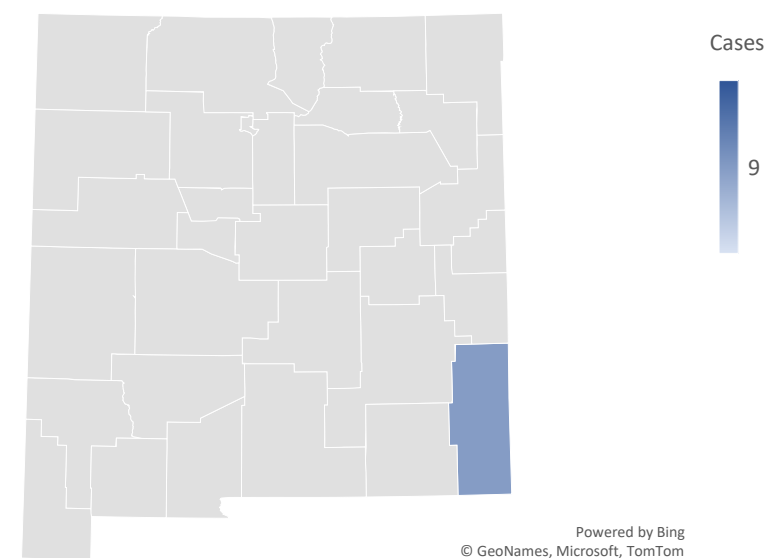


Measles || New Mexico Outbreak

KEY POINTS

- New Mexico is reporting cases of measles, too, with a total of 9 cases detected in Lea County adjacent to Gaines County, TX (**Figure 6**).⁴
- Discordant with the Texas outbreak, measles in New Mexico is equally affecting those age 05-17yrs and those older than 18yrs
- Unfortunately, comprehensive vaccination data provided by the state, and not accessed via CDC VaxView is not available.

Figure 6. Measles case distribution by county, New Mexico, 2025.

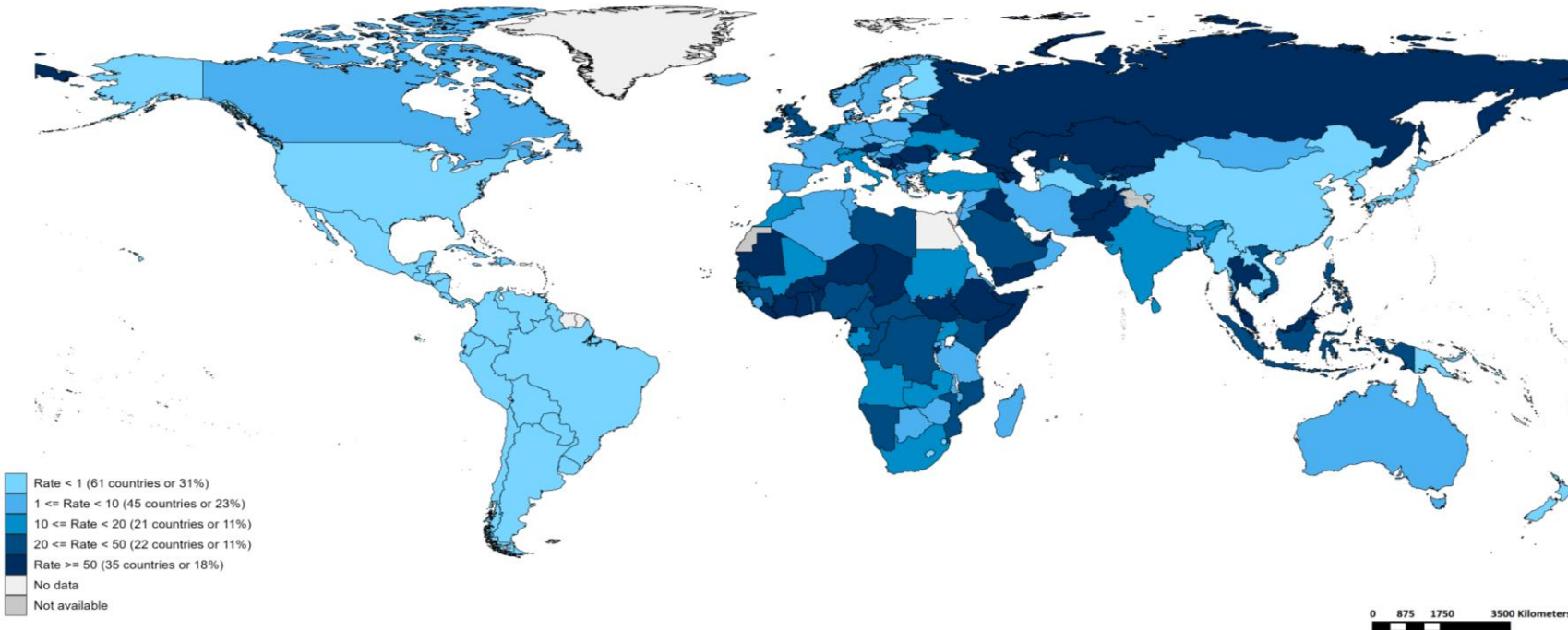


⁴[New Mexico Department of Health Measles Guidance Dashboard](#)



Measles || Global Situation

Figure 7. Measles incidence rate (per million) in the last 12 months, by country.



KEY POINTS

- **Figure 7** illustrates the countries with the highest measles incidence rates across the globe, as detected by the World Health Organization (WHO).⁵
- Measles continues to be a risk across the globe, with the highest incidence rates detected (and endemic) in parts of the World Health Organization African Region, European Region, and South-East Asian Region.
- More comprehensive data may be found [here](#).



Map production: World Health Organization, 2025. All rights reserved
 Data source: IVB Database

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

⁵WHO Measles and Rubella Global Update, Feb 2025

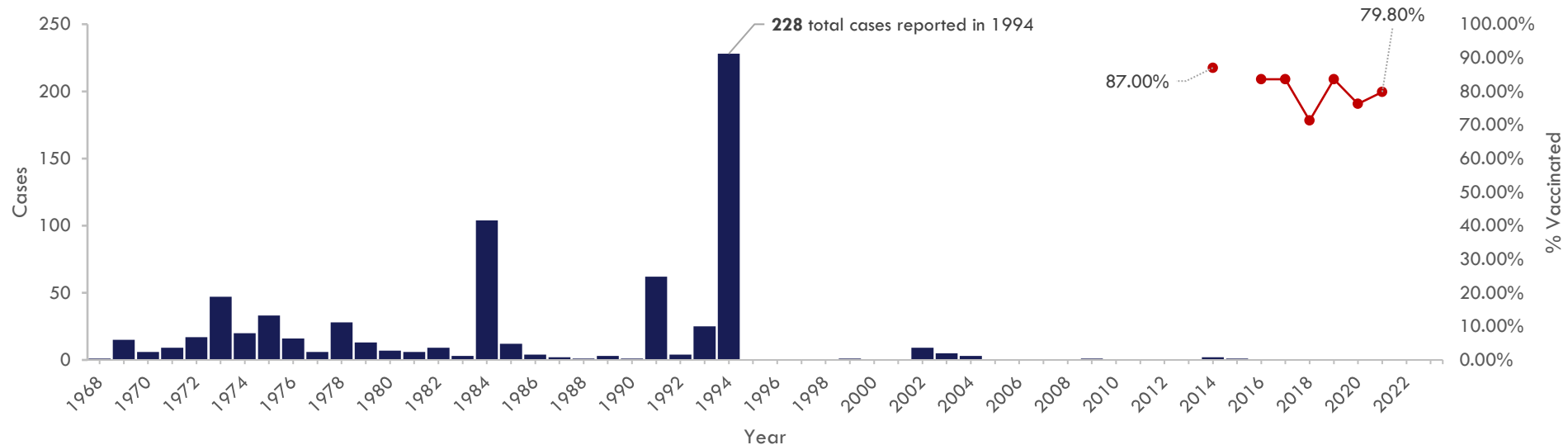


Measles || Risk Assessment

KEY POINTS

- Figure 8 represents the number of measles cases detected in Guam (left axis) and the percentage immunized with ≥ 1 dose of MMR vaccine by age 35 months obtained through the National Immunization Survey, accessed via CDC ChildVaxView.
- The last measles case detected in Guam was in 2014, whereas the last major measles outbreak occurred in 1994 with a total of 228 cases detected (**Figure 8a**).
- The vaccination coverage rate for Guam hovered around 80% for 2014-2021 (**Figure 8b**)⁶. This is substantially lower than the national average and insufficient to provide effective prevention should measles enter Guam.

Figure 8. Measles (a) case report by year since 1968, and (b) MMR vaccination coverage by year, Guam, 1968-2025.



Additional Information



Scan the QR Code to visit
the [Guam Communicable Disease Dashboard](#).

For additional information or for general inquiries, please
contact dphss.surveillance@dphss.guam.gov.

