Guam Department of Public Health and Social Services
Division of Public Health || Office of Epidemiology and Research
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2026

WEEKLY INFLUENZA EPIDEMIOLOGY REPORT

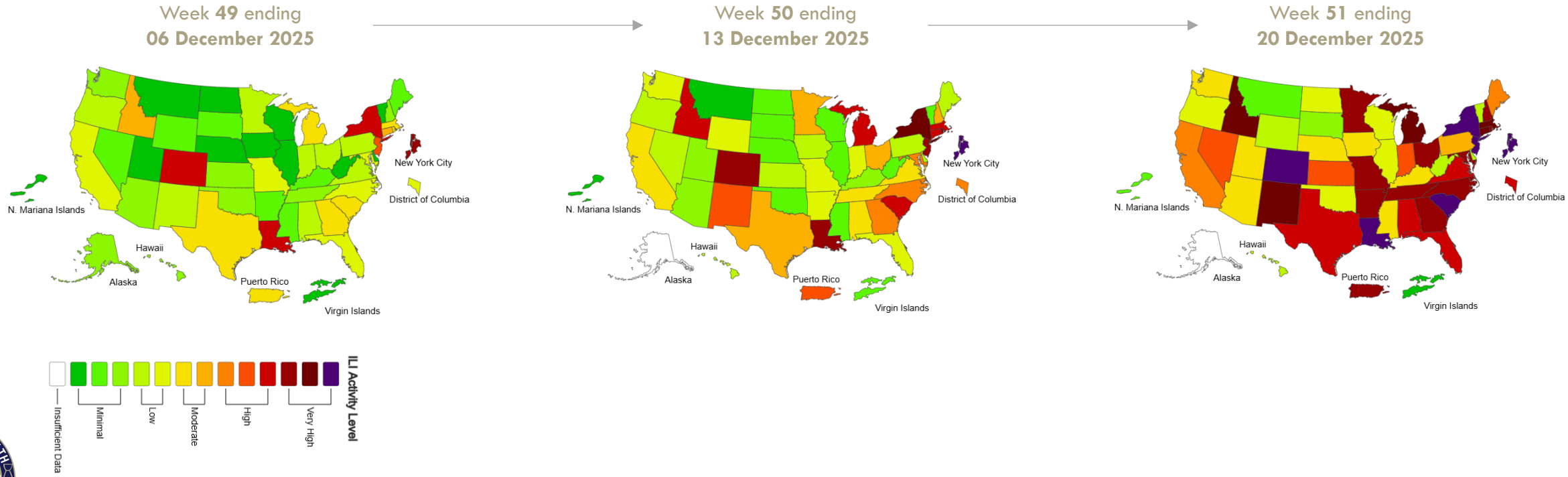
31 DECEMBER 2025

Influenza || Nationwide ILI Situation

KEY POINTS

- Influenza-like illness (ILI) activity is surging across the mainland United States (**Figure 1**), and is reaching "Very High" levels in majority of the states.

Figure 1. ILI activity map for MMWR weeks 49-51.[1]



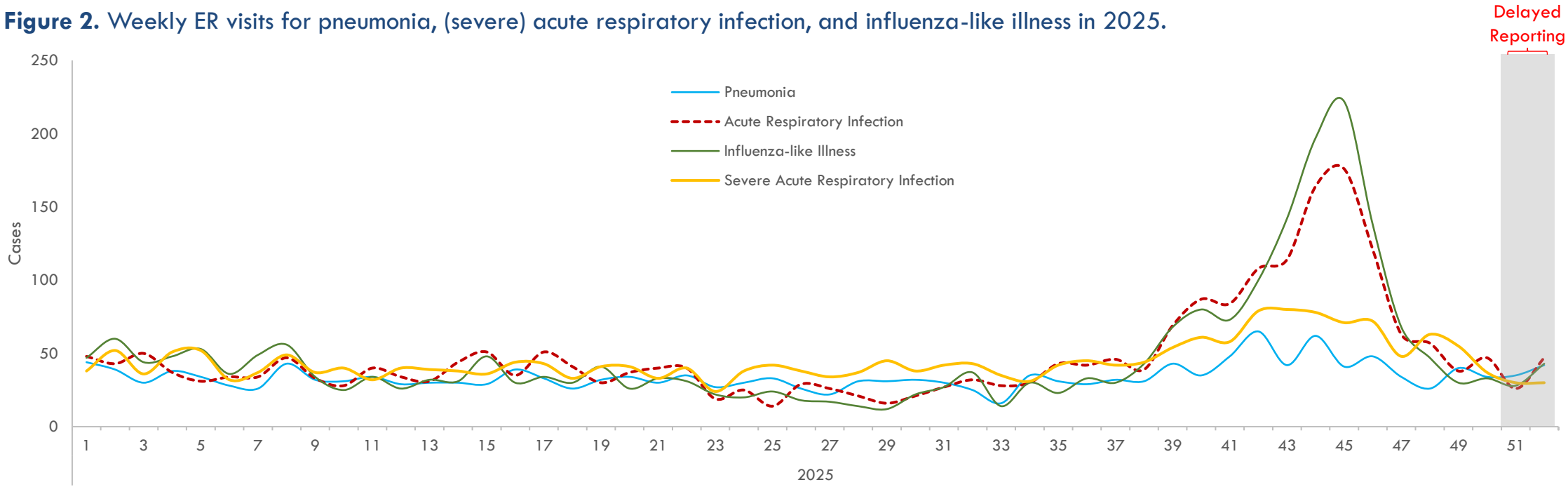
[1]Outpatient respiratory illness activity map determined by data reported to ILINet (CDC)

Influenza || Guam Syndromic Surveillance

KEY POINTS

- Pneumonia, severe-/acute respiratory infection, and influenza-like illness, encounters at the ER of GMHA and GRMC are represented in **Figure 2.**
- Weekly reports of each indicator have demonstrated a steady increase beginning mid-September, followed by a marked rise towards late-October.
- The most recent week was characterized by generally reduced visits to the ER for PN, SARI, and ILI, but with a slight uptick in ARI.

Figure 2. Weekly ER visits for pneumonia, (severe) acute respiratory infection, and influenza-like illness in 2025.

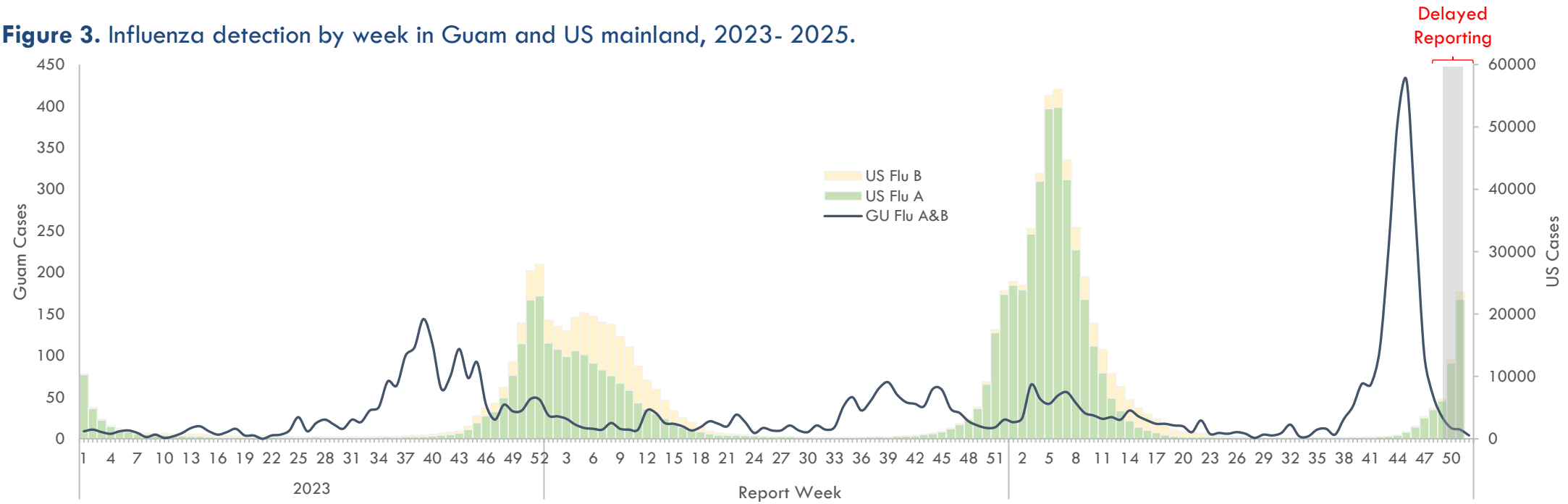


Influenza || Guam vs Nationwide comparison

KEY POINTS

- Recent data illustrates emergence from the worst of this season, as rates case detections continue to decelerate, with only 4 cases reported week ending December 27.
- Conversely, the mainland US has entered its influenza season.

Figure 3. Influenza detection by week in Guam and US mainland, 2023- 2025.



[2]CDC Influenza Results by Clinical Laboratories, National Summary; [3]Guam Communicable Disease Dashboard

Influenza || Local trend

KEY POINTS

- **Figure 4**[3] represents all influenza cases by week in Guam from 2023-present, including the 2yr average and bounds.
- As illustrated, this recent surge of influenza occurred much later than what has been observed in previous years.
- Clear indication of waning has been reached.

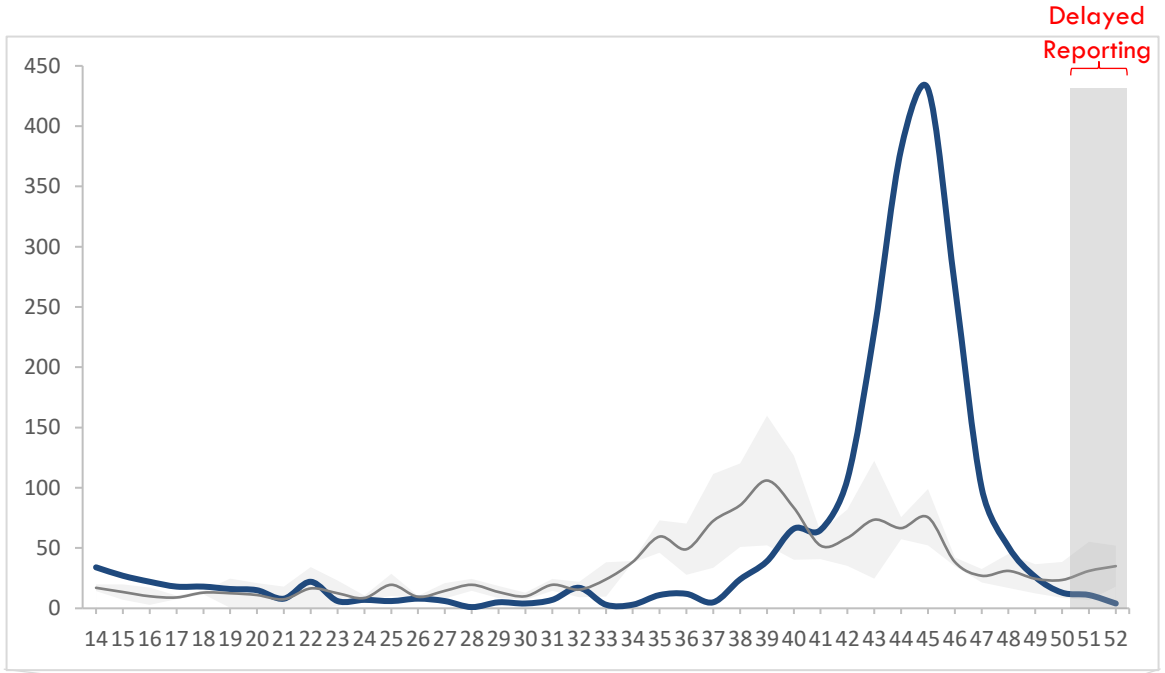
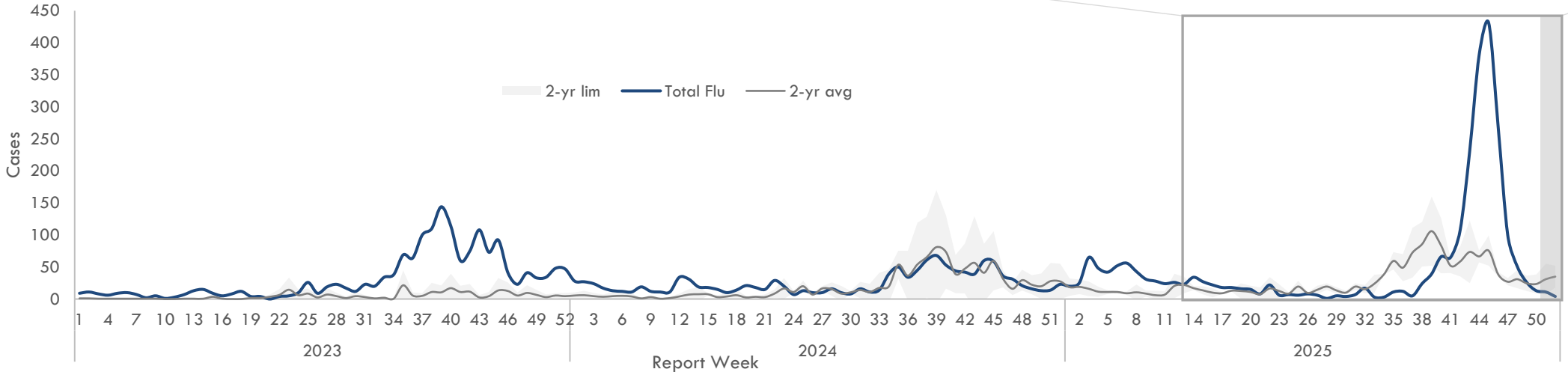


Figure 4. Influenza detection by week in Guam, 2023-2025.



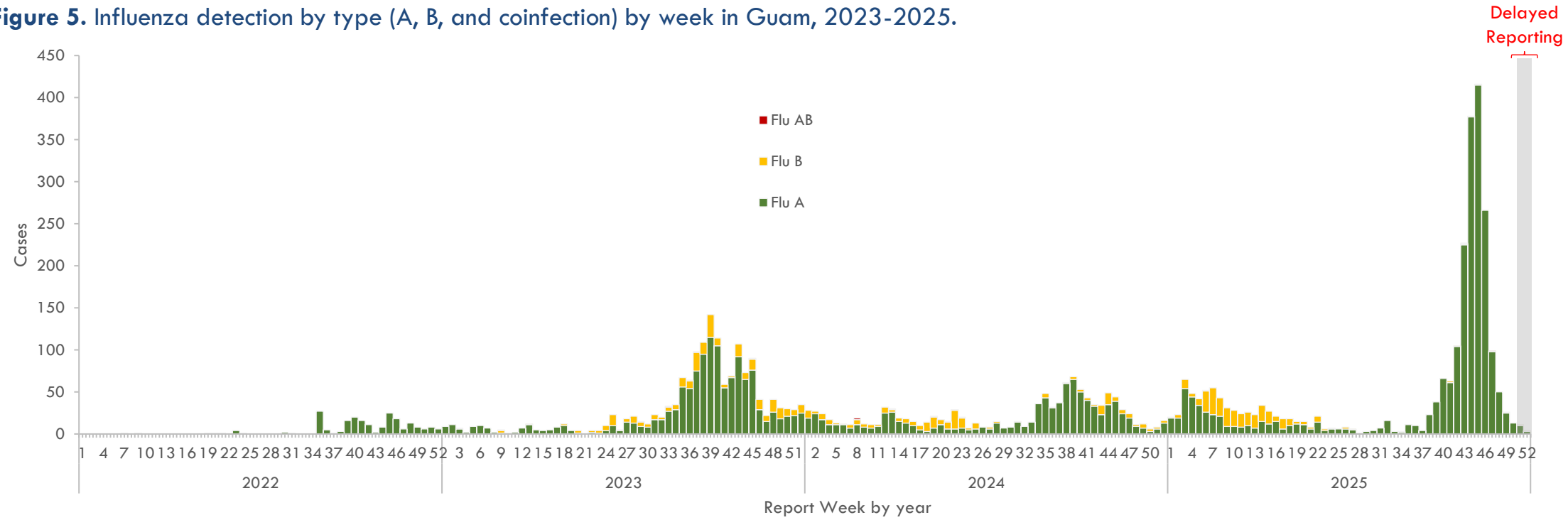
[3]Guam Communicable Disease Dashboard

Influenza || Local trend (continued)

KEY POINTS

- Influenza A continues to make up the majority influenza type in circulation (**Figure 5**).[3]
- Preliminary wastewater surveillance data for Guam also provides supporting evidence that Influenza A is the dominant type observed in the community. Influenza B has not been detected via wastewater in the past 3 months.

Figure 5. Influenza detection by type (A, B, and coinfection) by week in Guam, 2023-2025.



[3]Guam Communicable Disease Dashboard

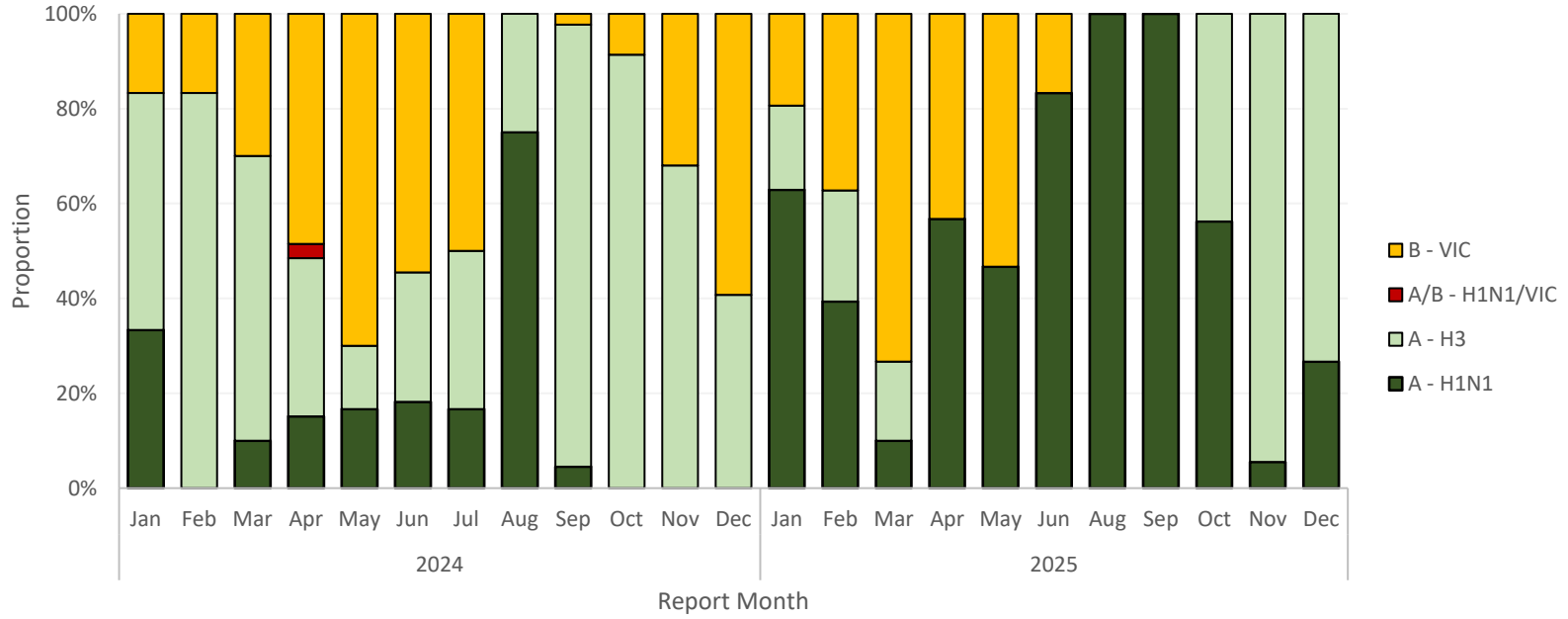
Influenza || Local trend (continued)

KEY POINTS

- There has been a significant shift in subtype from October to November, with Influenza A/H3 now being the dominant subtype detected in Guam, *confirming what has been detected in wastewater surveillance data*.
- This now agrees with what has been reported in October and November 2024, with the dominant subtype being H3.
- Subtyping data for the month of December is characteristic of a 50/50 circulation of H1N1pdm09 and H3.
- *Note, the figure below presents the date of subtype, not the date of sample collection. The number of samples subtyped for September 2024 are also small.*

Providers are encouraged to submit influenza samples for further subtyping to Guam Public Health Laboratory

Figure 6. Proportion of influenza subtype by month in Guam, 2024-2025.



[4]Data provided by the Guam Public Health Laboratory

Influenza || Local trend (continued)

KEY POINTS

- Providers are encouraged to submit influenza samples for subtyping by Guam Public Health Laboratory (GPHL).
- GPHL continues to receive antigen characteristic results from the CDC, which determine whether circulating influenza strains in Guam are captured by the virus component used in the influenza vaccine formulations.
- To date, for 2025, GPHL received confirmation of **4** local influenza isolates antigenically characterized and confirmed for being antigenically related to A/WISCONSIN/67/2022-LIKE (H1N1)pdm09 virus.
  - This reference virus component is used in the 2024-2025 northern hemisphere and 2025 southern hemisphere cell-based influenza-vaccine formulations.[5]

[5]Recommended composition of influenza virus vaccines, WHO

Influenza || Local trend (continued)

KEY POINTS

- Majority of those reported with influenza consist of the school-age children (05 to 19 years) and those ages 20 to 54 years) (**Figure 7**).[3]
- The proportion of age groups remains relatively consistent between 2024 and 2025.
- **Figure 8** further stratifies school-age children by class, highlighting the Kindergarten to elementary age children as most susceptible.
- New hospital admissions have recently declined.

Figure 7. Proportion of age groups diagnosed with influenza in Guam, 2024 and 2025.

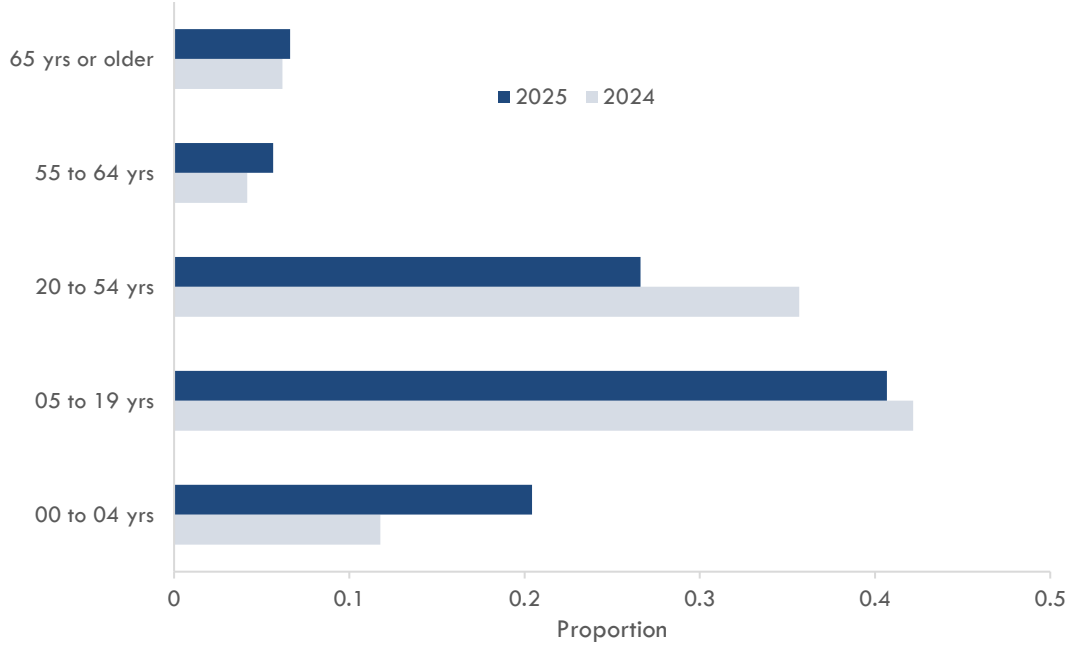
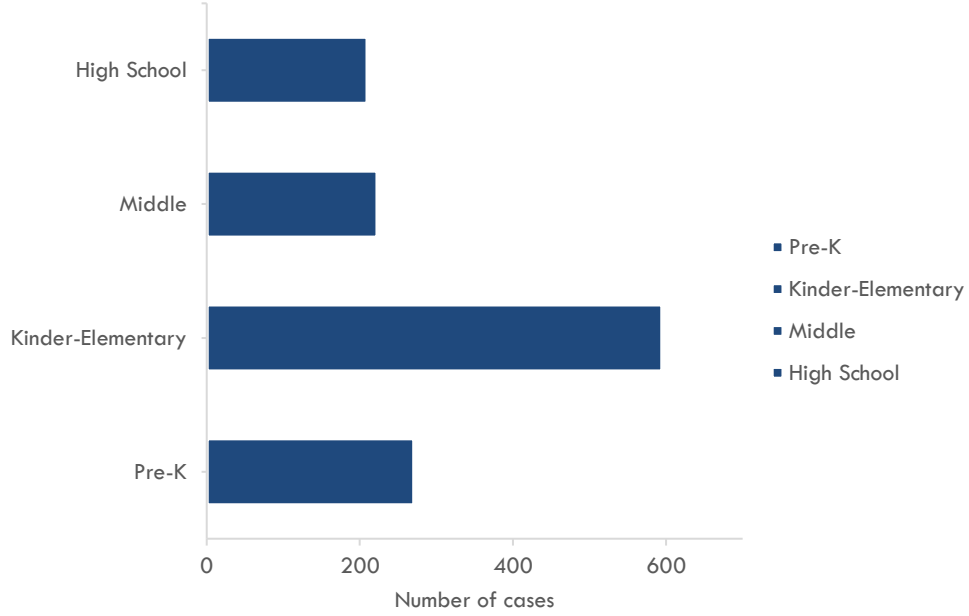


Figure 8. Number of school-age children diagnosed with influenza in Guam, by class, 2025.



[3]Guam Communicable Disease Dashboard

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.

Surveillance data are compiled by one or more of the following members of the Surveillance team: Angelika Argao, Aaron Arizala.
Influenza viral characteristics are provided by one or more of the following Guam Public Health Laboratory team: Raven Aguon, Keno Hsueh, Michael O'Mallan, Alan Mallari, Anne Marie Santos.