



BI-WEEKLY INFLUENZA EPIDEMIOLOGY REPORT

05 JUNE 2025

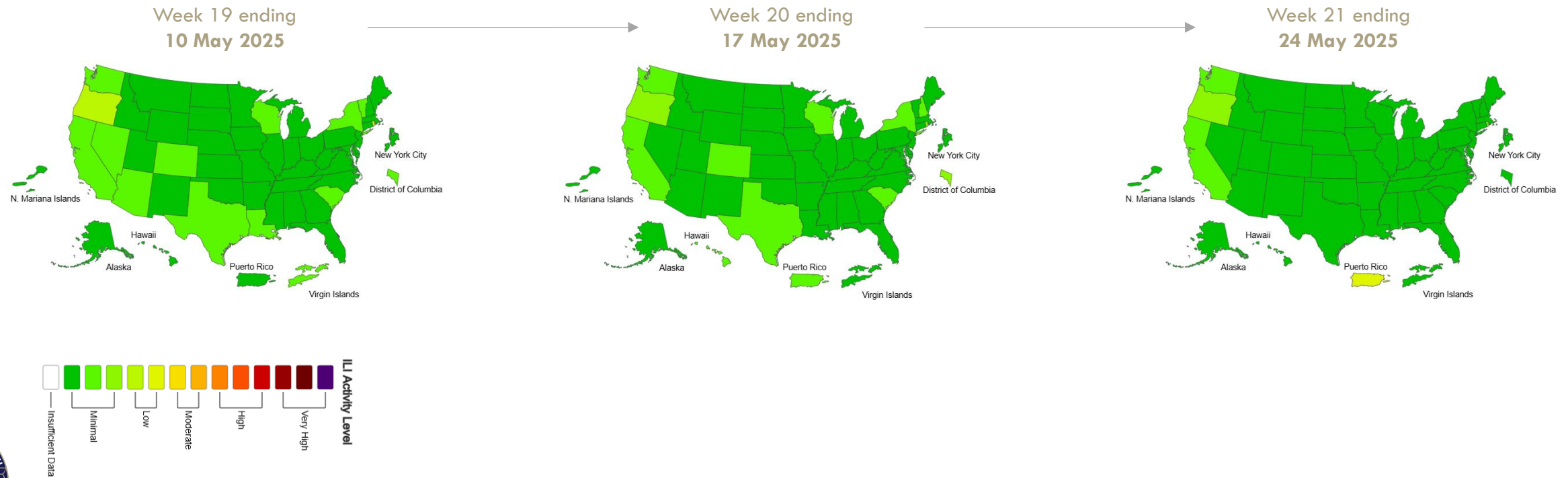


Influenza || Nationwide ILI Situation

KEY POINTS

- Over 90% of United States jurisdictions are reporting very minimal influenza-like illness (ILI) activity as of 24 May 2025 (**Figure 1**), with West Coast states seeing sustained activity or no decline as shown in light green for the past 3 weeks.
- Puerto Rico, however, is showing a slow increase in ILI activity.

Figure 1. ILI activity map for MMWR weeks 19-21.¹

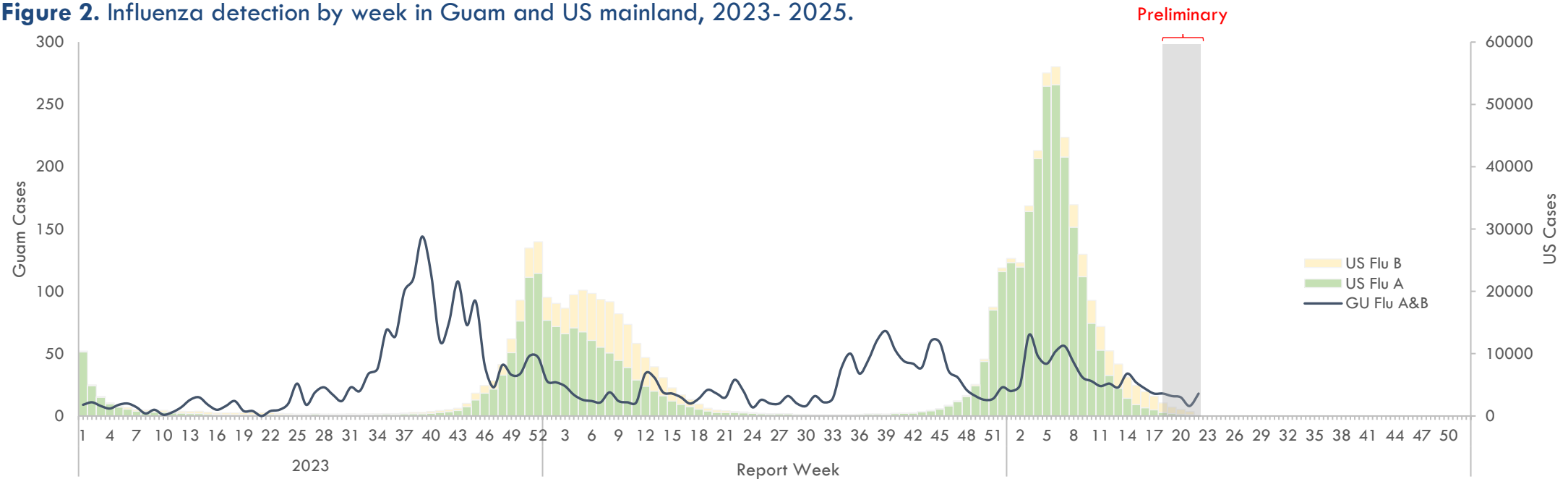


Influenza || Guam vs Nationwide comparison

KEY POINTS

- Though Guam's influenza season precedes the mainland US (**Figure 2**)²⁻³ and early 2025 demonstrated a degree of agreement in trends.
- The US continues to detect increasing proportion of influenza B in recent weeks
- However, as seen in **Figure 2**, Guam has detected a notable increase in influenza reports.
- Despite this increase, this trend aligns with what has been observed historically, falling well within the expected range (**Figure 3**).

Figure 2. Influenza detection by week in Guam and US mainland, 2023- 2025.

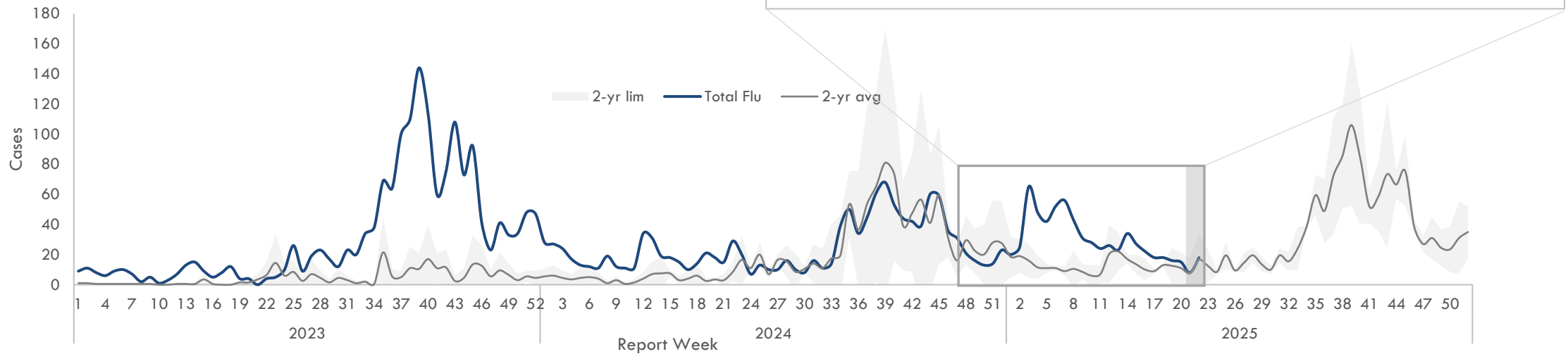


Influenza || Local trend

KEY POINTS

- **Figure 3³** represents all influenza cases by week in Guam from 2023-present, including the 2yr average and bounds.
- Beginning week 18 (~1 month ago) Influenza case detection began to align with the 2yr average.
- As previously mentioned, though there is a notable increase in the past week (week 22), this was anticipated and falls within the range of expectations.

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

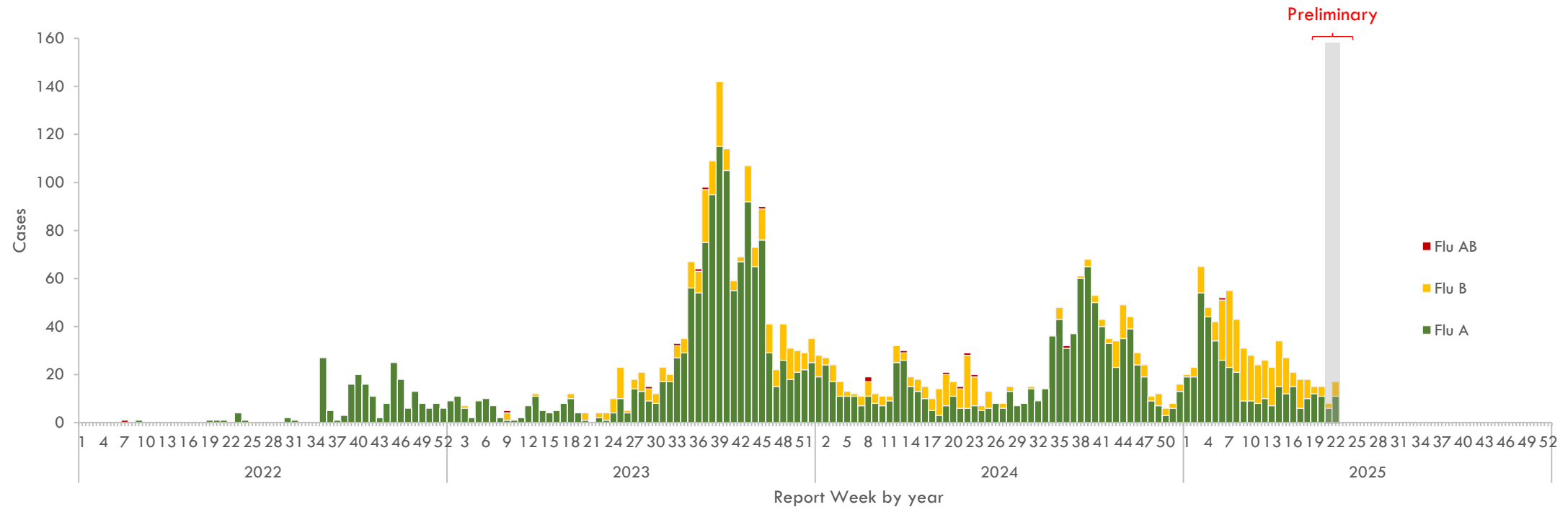


Influenza || Local trend (continued)

KEY POINTS

- Influenza A continues to make up the majority influenza type in circulation (**Figure 4**).³
- Preliminary wastewater surveillance data for Guam also provides supporting evidence that influenza A is the dominant type observed in the community.
- Because Influenza B detection is typically observed around this time; it is anticipated that there would be a shift from Influenza A to B in the coming weeks.

Figure 4. Influenza detection by type (A, B, and coinfection) by week in Guam, 2023-2025.

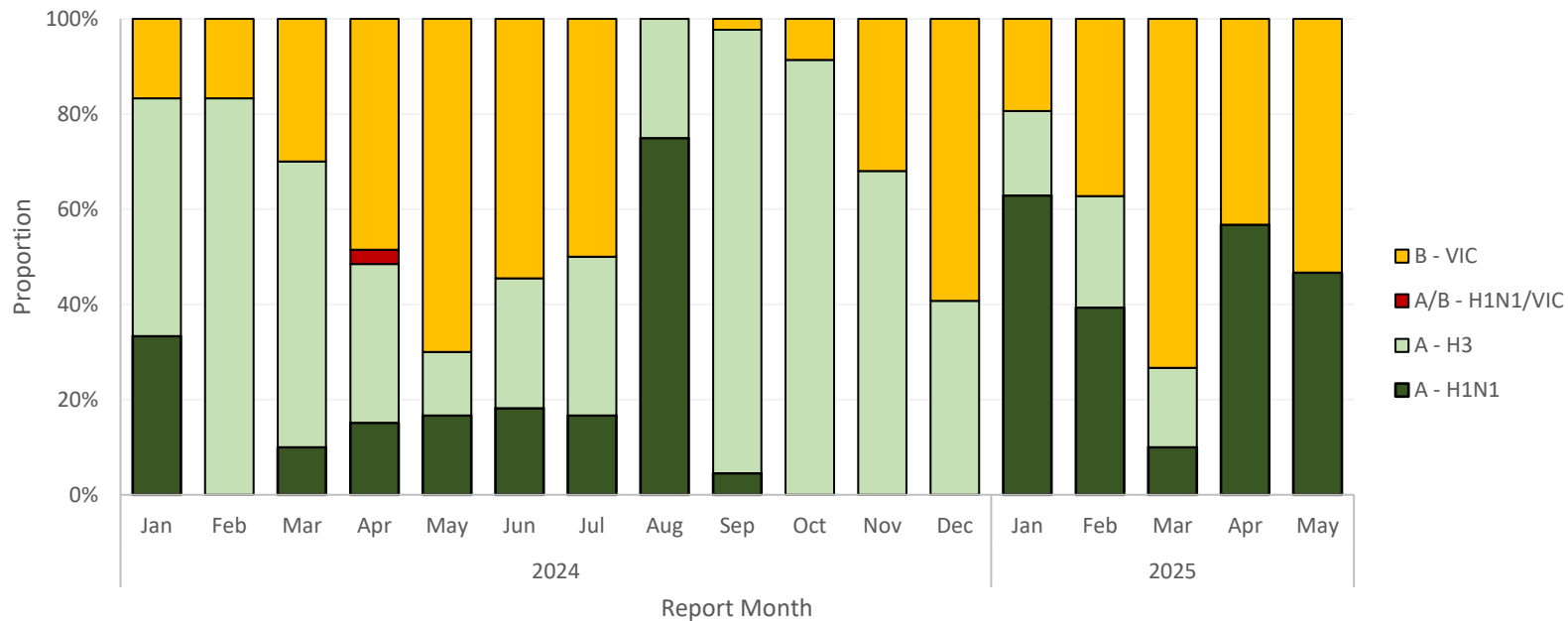


Influenza || Local trend (continued)

KEY POINTS

- In May 2025, there was an equal proportion of Influenza A/H1N1 and Influenza B/Victoria detected lineage for influenza viruses in Guam, as seen in **Figure 5**⁴.
- This is in stark contrast to what has been detected last year, when the predominant subtype was B/Victoria.
- Note, the figure below presents the date of subtype, not the date of sample collection.

Figure 5. Proportion of influenza subtype by month in Guam, 2024-2025.



Providers are encouraged to submit influenza samples for further subtyping to 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 **3** 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

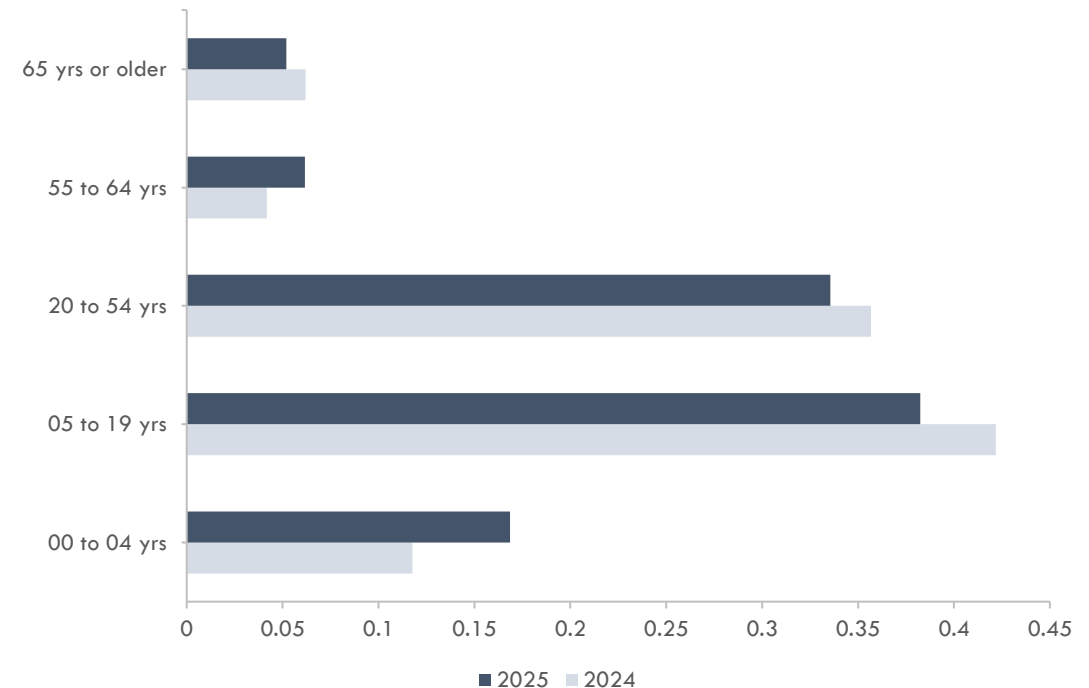


Influenza || Local trend (continued)

KEY POINTS

- Majority of those reported with influenza consist of the school-age children (05 to 19 years) and those ages 19 to 54 years) (**Figure 6**).³
- The proportion of age groups remains relatively consistent between 2024 and 2025.
- Hospitalizations associated with influenza continue to remain minimal based off on NHSN hospital respiratory data reporting.

Figure 6. Proportion of age groups diagnosed with influenza in Guam, 2024 and 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.



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.

