WEEKLY GASTROENTERIC ILLNESS EPIDEMIOLOGY REPORT

11 MARCH 2025

Guam Department of Public Health and Social Services
Division of Public Health
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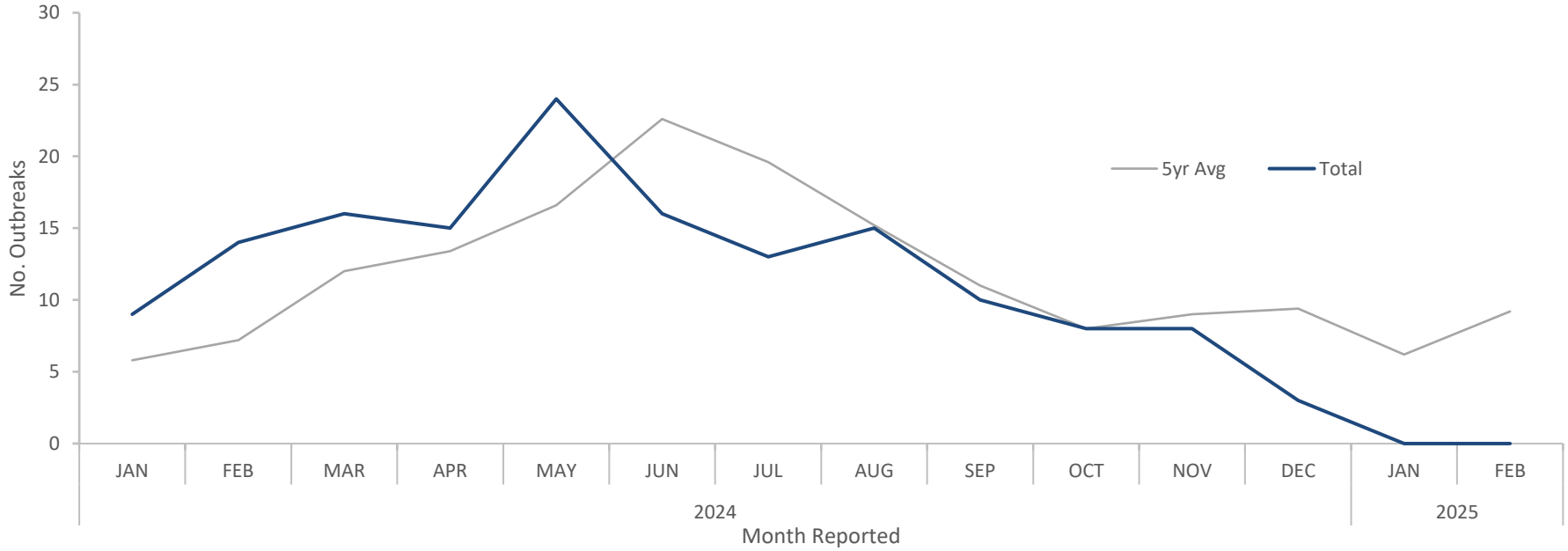
Enteric Disease || Multistate Outbreaks

KEY POINTS

- **Figure 1**[1] illustrates the number of multistate outbreaks associated with *Salmonella*, *STEC*, *Shigella*, *Campylobacter*, and *Vibrio*, detected by the Centers for Disease Control and Preventions (CDC's) Bacteria, Enterics, Ameba, and Mycotics (BEAM) Dashboard.
- No new multistate outbreaks have been detected or reported for the month of January and February 2025.
- Multistate outbreaks in the second half of 2024 and 2025 have consistently remained below the 5-yr rolling average.

Figure 1. Multistate outbreaks of Salmonella, STEC, Shigella, Campylobacter, and Vibriosis, 2024-2025.



[1]CDC BEAM Dashboard

Enteric Disease || Multistate Outbreaks

Key Points

- **Figure 2**[1] represents the proportion of outbreaks associated with *Salmonella*, *STEC*, *Shigella*, *Campylobacter*, and *Vibrio*.
- The majority of outbreaks for 2024 have been associated with *Salmonella* spp; of the *Salmonella* spp., *Salmonella Enteritidis* accounted for 42% of *Salmonella* outbreaks, followed by *Newport (22%)* and *Tyhpimurium (6%)*.
- However, September and October detected higher STEC reports, with O157:H7 being the dominant serotype.
- **Figure 3**[2] represents the proportion of cases associated with enteric illness-causing pathogens reported in Guam. Concordant to **Figure 2**, the dominant pathogen associated with enteric illness in Guam is *Salmonella* (unknown serotype), followed by *Campylobacter* and *Vibriosis*.
- No enteric disease-based laboratory tests were detected in February 2025 in Guam.
- *Note: **Figure 2** represents outbreaks reported in the US; **Figure 3** represents cases detected in Guam.*

Figure 2. Proportion of multistate outbreaks, US, by bacteria, 2024-25

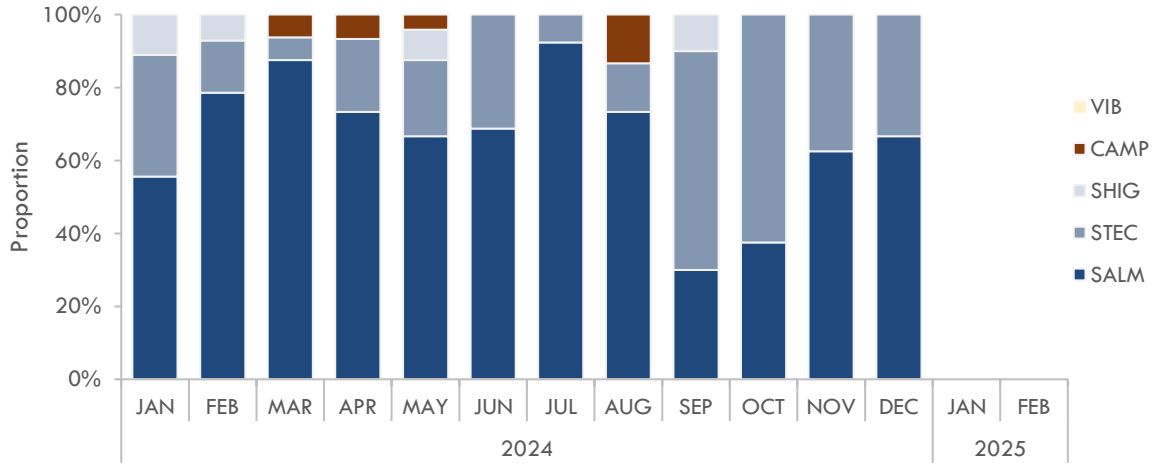
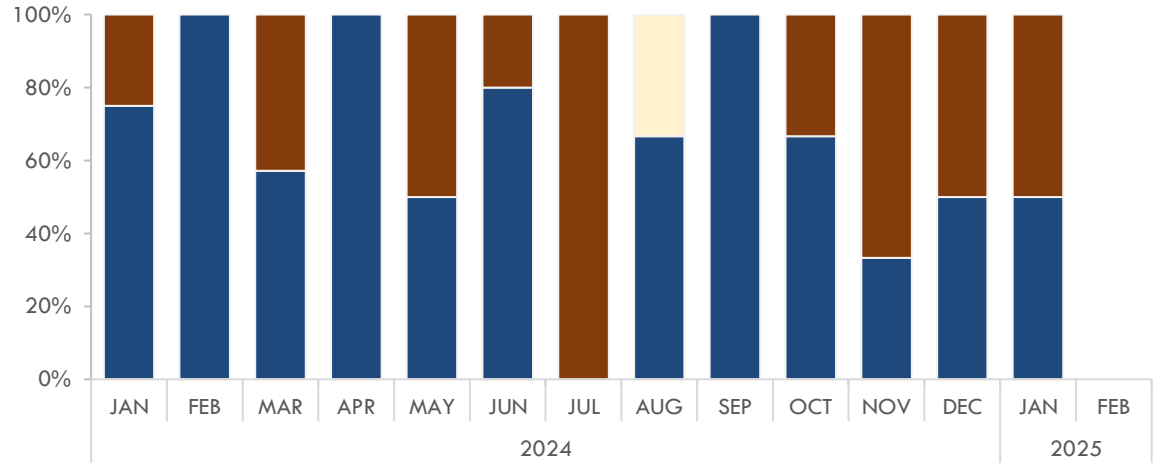


Figure 3. Proportion of cases detected in Guam, by bacteria, 2024-25



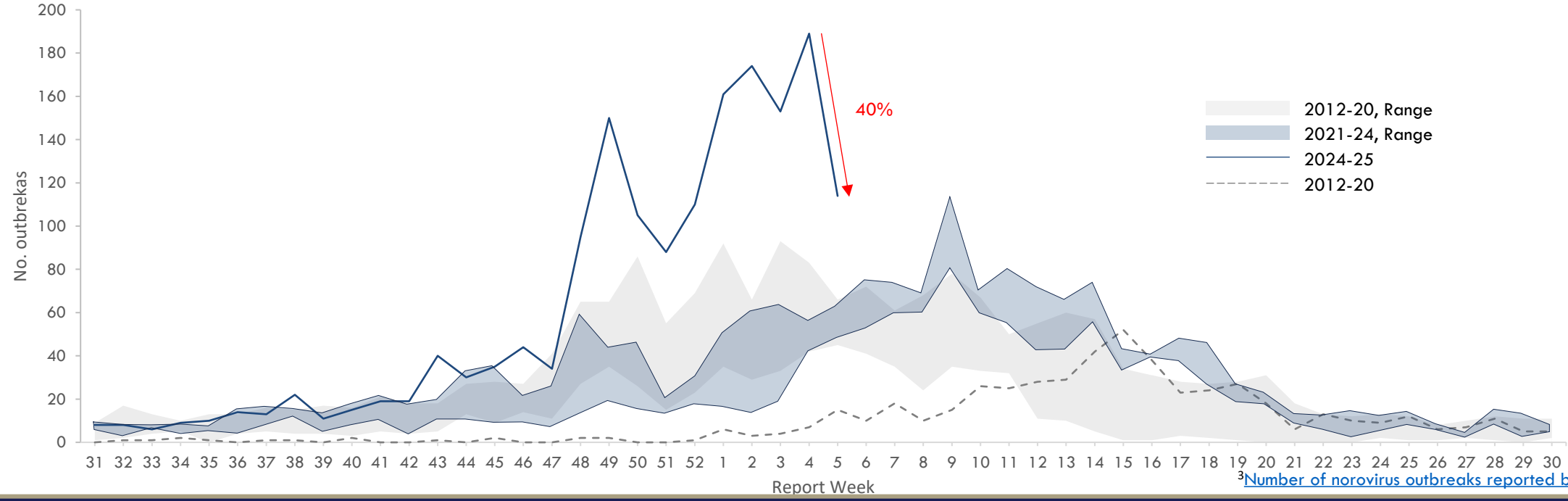
[1]CDC BEAM Dashboard, [2]Guam Communicable Disease Dashboard

Enteric Disease || Nationwide Norovirus Update

Key Points

- The number of outbreaks associated with norovirus in the US continue to exceed historical trends, although a decrease is observed in the last week of January (**Figure 4**).[3]
- In late 2024 to 2025 norovirus reports were detected 3 to 4 times more outbreaks than the max number of outbreaks in the preceding 3-yr range.
- Despite a 40% reduction in reports from late January to early February 2025, the number of outbreaks for 2024-25 is approximately twice the number recorded in 2021-24 for the same week.
- There were no updates to NoroSTAT at the time of this report.

Figure 4. Suspected and confirmed norovirus outbreaks by week, NoroSTAT participating states, 2012-2025.



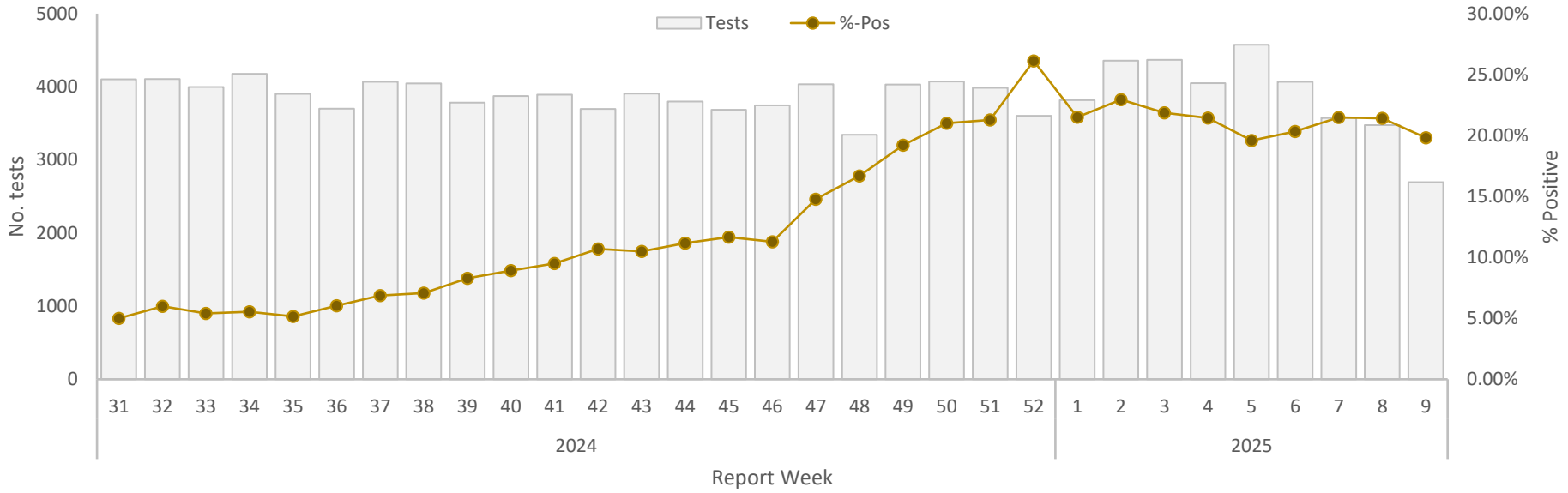
[3] Number of norovirus outbreaks reported by NoroSTAT, CDC

Enteric Disease || Nationwide Norovirus Update

Key Points

- **Figure 5** illustrates the combined weekly testing volume and percent positive for norovirus tests reported through the US National Respiratory and Enteric Virus Surveillance System (NREVSS).
- Testing volume continues downward; however, the percent positive remains steady at approximately at 20%.
- Based on Guam's data (next slide), consideration should be given to the increased incidence of norovirus based on testing characteristics.

Figure 5. Norovirus weekly test volume and %-positive, NREVSS, 2024-25.



[4]Norovirus weekly tests NREVSS, CDC

Enteric Disease || Local Update

Key Points

- Guam continues to see reports of acute gastroenteritis in excess of what has been detected in previous years (**Figure 6**).[2]
- January 2025 has consistently reported an increase of 40% in reported cases.
- There was a sudden increase of AGE cases toward the end of February 2025, entering March. This aligns with what has been observed historically, yet exceeds the thresholds.
- **Table 1** represents the total number of cases by pathogen for 2024-2025, in Guam. [2]

Figure 6. Acute gastroenteritis weekly reports, Guam, 2025.

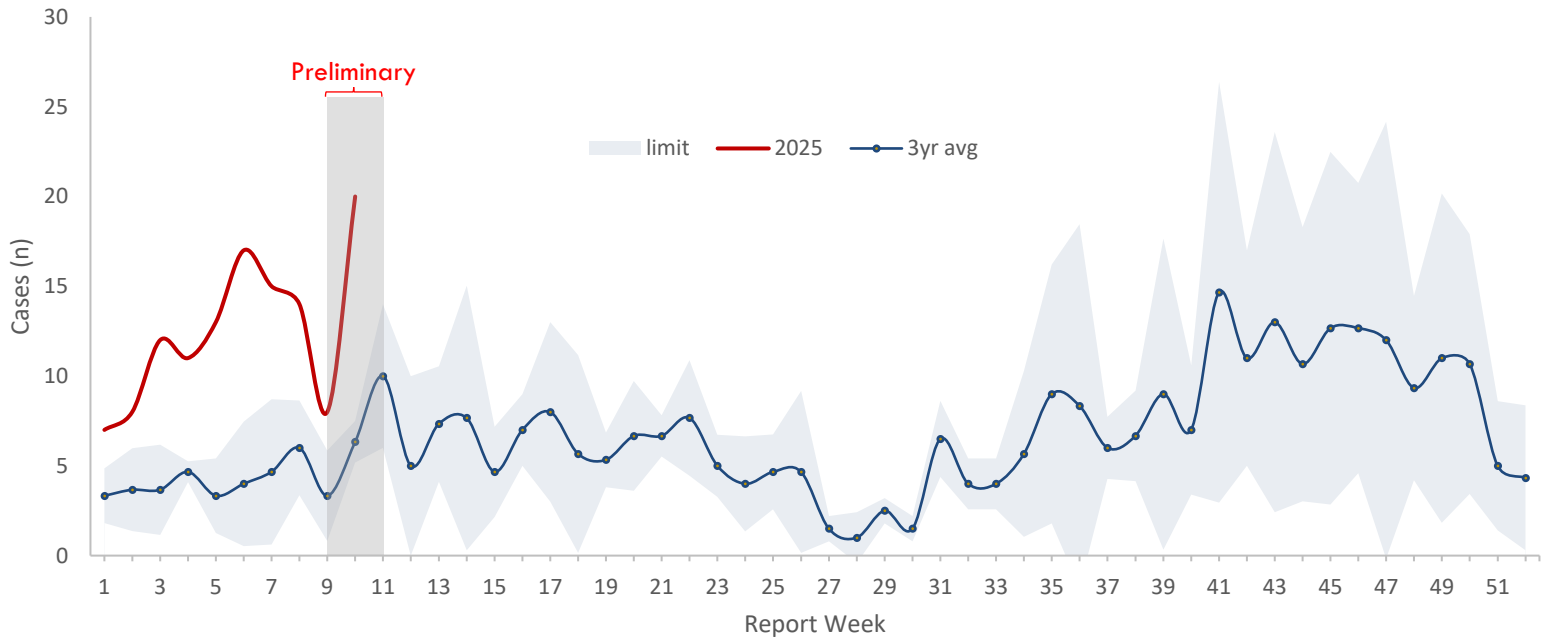


Table 1. Reports by pathogen, Guam, 2024-25.

Pathogen	2024	2025
Campylobacteriosis	4	2
Cryptosporidiosis	1	0
Hepatitis A	1	0
Salmonellosis	36	2
STEC (O157:H7)	0	0
Shigellosis	0	0
Vibriosis	1	0
Clostridium difficile	14	1
Norovirus	21	4
Rotavirus	3	0

[2]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: Danelynn Albert, Angelika Argao, Aaron Arizala, Deanne Tandoc