



# GASTROENTERIC ILLNESS EPIDEMIOLOGY REPORT UPDATE

04 AUGUST 2025

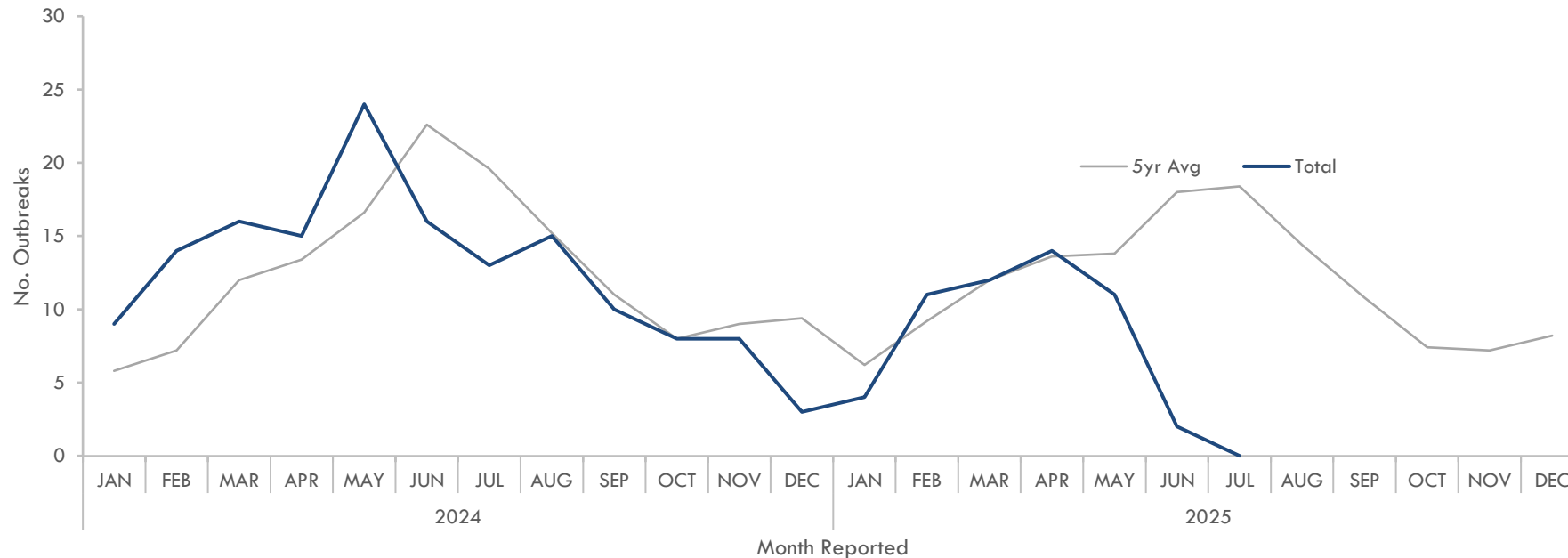


# Enteric Disease || Multistate Outbreaks

## KEY POINTS

- **Figure 1<sup>1</sup>** shows that there have been several outbreaks reported from January to July 2025, with only February exceeding the 5yr average.
- However, these multistate outbreaks remain below expectation compared to 2024.
- Multistate outbreaks in the second half of 2024 and 2025 have consistently remained below the 5yr rolling average, with delays in reporting in June and July.

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

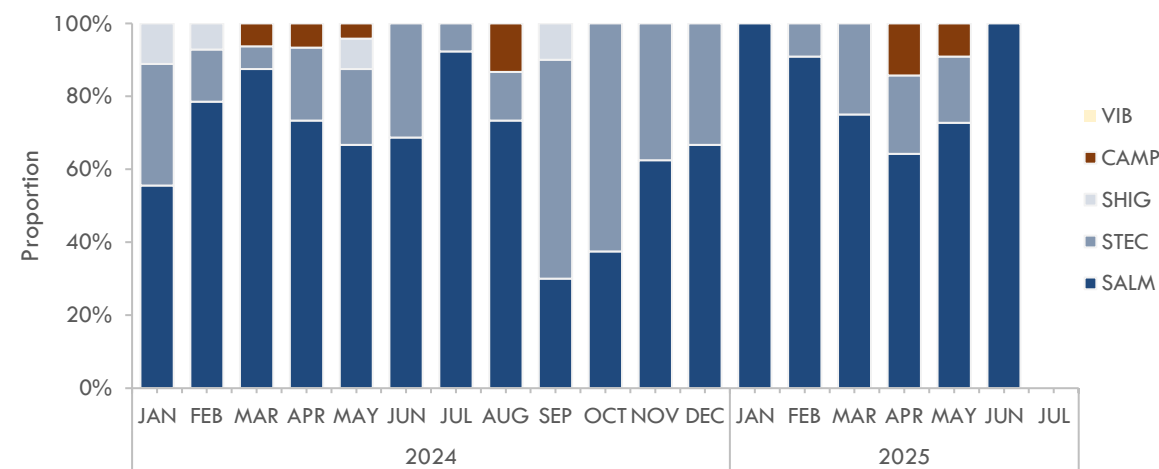


# Enteric Disease || Multistate Outbreaks

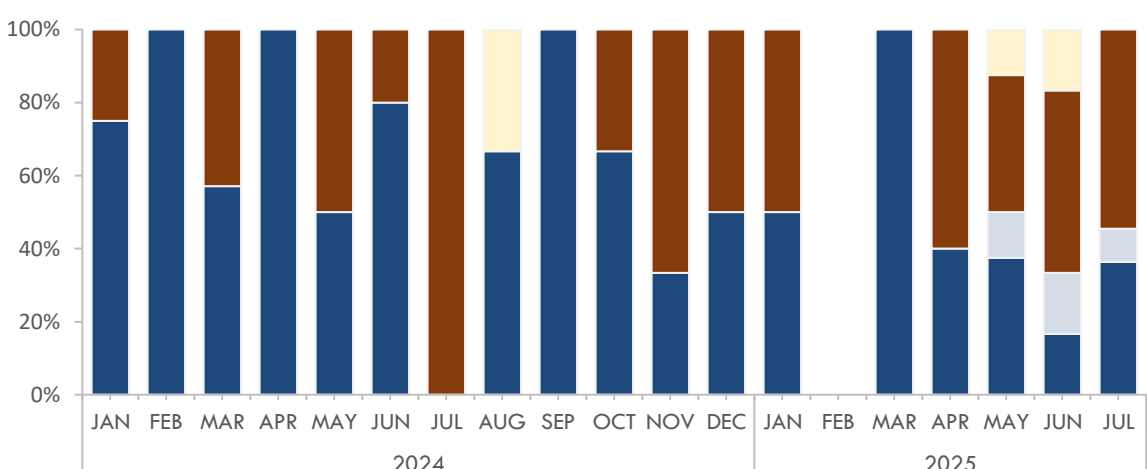
## KEY POINTS

- **Figure 2<sup>1</sup>** represents the proportion of outbreaks associated with *Salmonella*, *STEC*, *Shigella*, *Campylobacter*, and *Vibrio*.
- The majority of outbreaks continue to be associated with *Salmonella* spp.; of the *Salmonella* spp., *Salmonella Enteritidis* accounted for 42% of *Salmonella* outbreaks, followed by *Newport* (22%) and *Typhimurium* (6%) for both 2024 and 2025.
- However, September and October 2024 detected higher *STEC* reports, with O157:H7 being the dominant serotype.
- **Figure 3<sup>2</sup>** 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 pathogen, 2024-25



<sup>1</sup>CDC BEAM Dashboard, <sup>2</sup>Guam Communicable Disease Dashboard

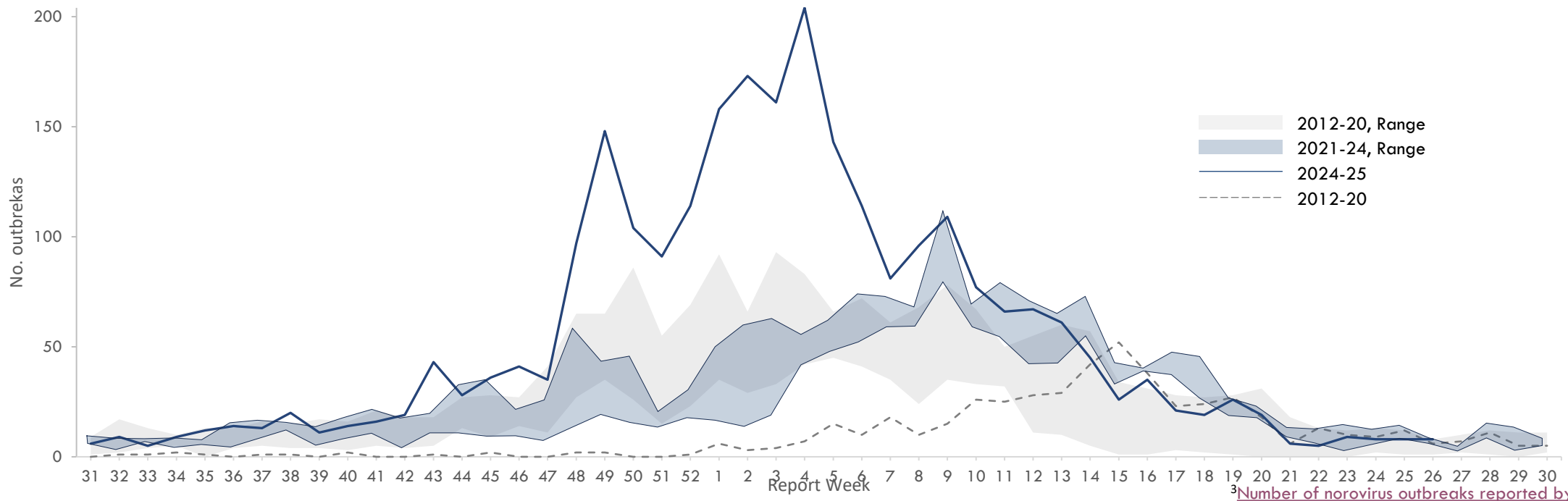


# Enteric Disease || Nationwide Norovirus Update

### KEY POINTS

- The number of outbreaks associated with norovirus in the US have fallen within the expected range compared to historical trends(**Figure 4**), representing a 90% decrease since the height of norovirus outbreaks in early 2025.<sup>3</sup>
- In late 2024 to 2025 norovirus reports were detected 3 to 4 times more outbreaks than the max number of outbreaks in the preceding 3yr range.

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



<sup>3</sup>Number of norovirus outbreaks reported by NoroSTAT, CDC

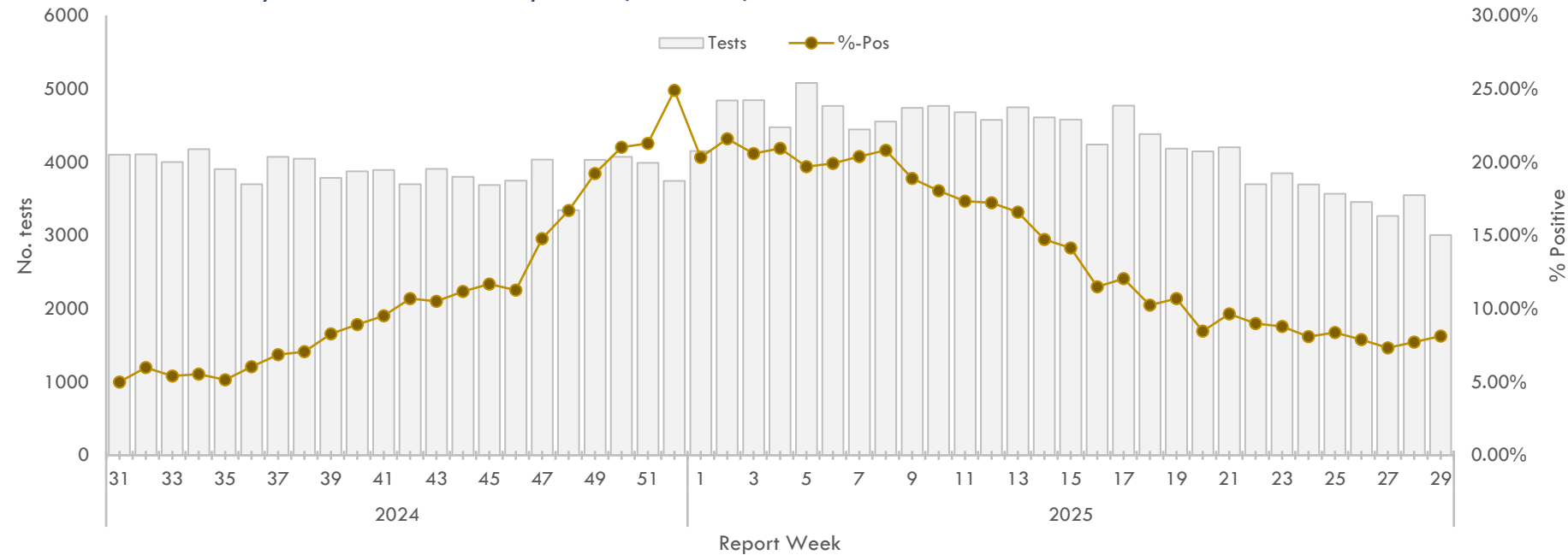


# Enteric Disease || Nationwide Norovirus Update

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).
- Both testing volume and percent-positive test results remained stable in the first quarter of 2025.
- Beginning March 2025, however, there has been a steady decrease in both volume and positivity, with %-positivity dropping at a faster rate.
- 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.



<sup>4</sup>Norovirus weekly tests NREVSS, CDC

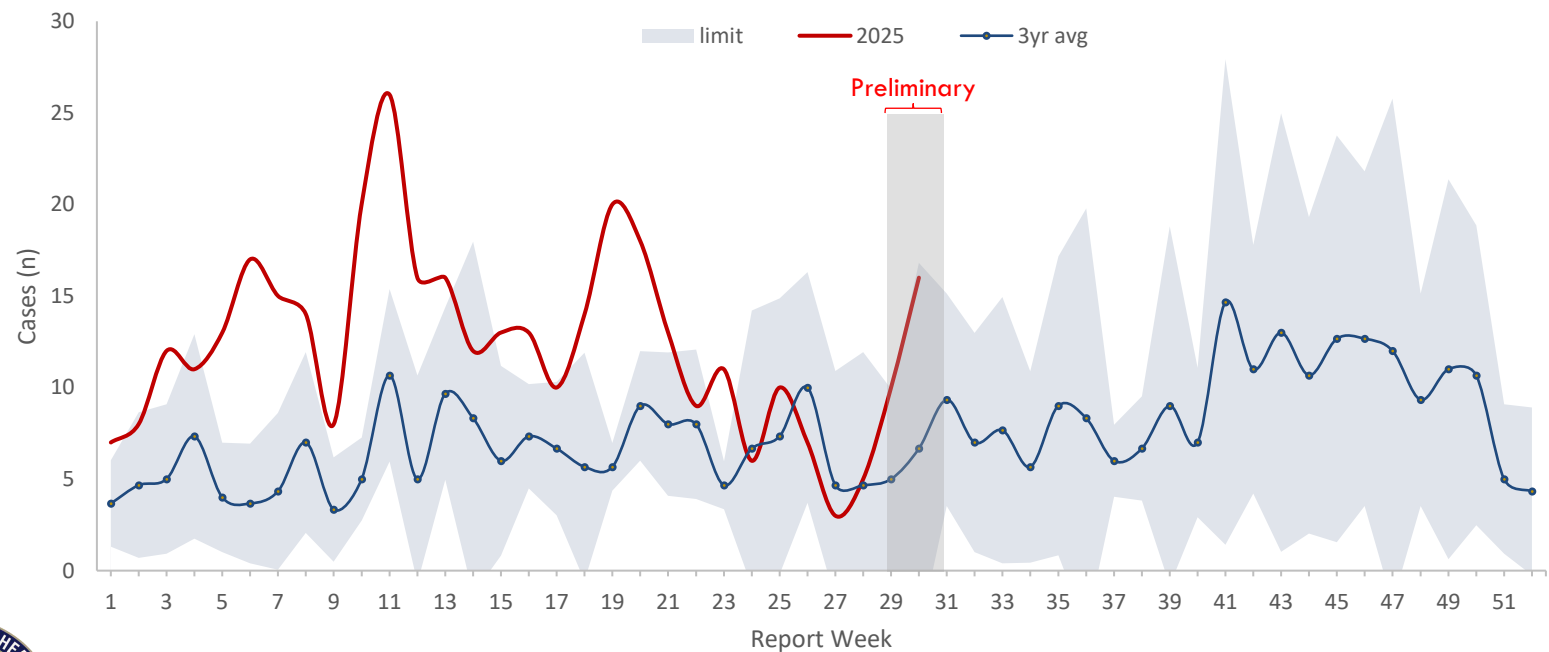


# Enteric Disease || Local Update

### KEY POINTS

- Guam continues to see reports of acute gastroenteritis (AGE) in excess of what has been detected in previous years (**Figure 6**).<sup>2</sup>
- For majority of 2025, Guam has consistently detected an increase in reported cases compared to its 3yr average.
- There was a sudden increase of AGE cases toward the end of July 2025, which falls within the range of expectations but is still a sharp increase.
- **Table 1** represents the total number of confirmed and probable cases by pathogen for 2024-2025, in Guam. <sup>2</sup>

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



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

Pathogen	2024	2025
Campylobacteriosis	4	17
Cryptosporidiosis	1	1
Hepatitis A	1	0
Salmonellosis	36	14
STEC (O157:H7)	0	0
Shigellosis	0	0
Vibriosis	1	0
Clostridium difficile	14	10
Norovirus	21	8
Rotavirus	3	2



# 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](mailto: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.

