



Syndromic Surveillance Report

Epi-week 51: 15th – 21st December 2025

Date of report: 22nd December 2025

Distribution: Internal & External use

New information in blue

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List of Syndromes monitored under the Syndromic Surveillance

1. Dengue like illness
2. Influenza like illness
3. Severe acute respiratory infection
4. Diarrhoea
5. Acute Fever & Rash
6. Prolonged fever

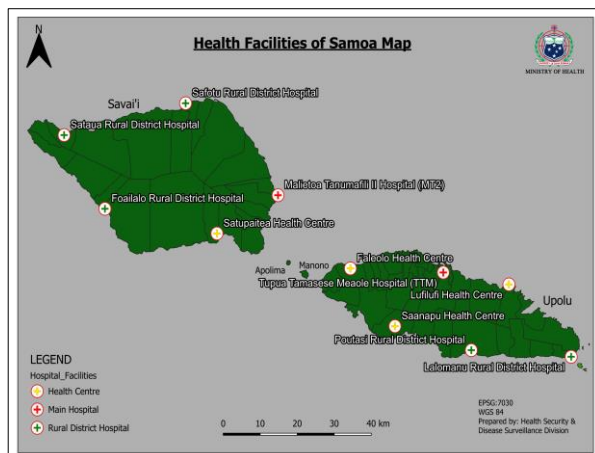
Public Awareness & Recommendations (Healthcare staff)

GENERAL PUBLIC AWARENESS:

- Encourage vaccinations & boosters for unvaccinated individuals, and keep infant vaccination book up to date.
- Eliminate mosquito breeding sites, use insect repellent, utilize mosquito nets & promote a sanitary environment.
- Promote hand washing, sanitizer use, wearing a mask and encourage boiling water during rainy season.
- If you are feeling sick, stay home to prevent the spreading of disease and see a doctor immediately if your symptoms get worse.
- Help us help you, share your correct village & contact number so we can respond quickly and effectively

RECOMMENDATIONS FOR HEALTHCARE STAFF:

- Encourage timely reporting for early detection of any communicable disease outbreaks.
- Ensure the syndrome case definition aligns with the patient's presenting symptoms for accurate reporting
- Encourage specimen collection to support confirmatory diagnosis, especially for AFR (e.g., measles, rubella, HFMD), DLI (e.g., dengue, chikungunya), ILI (e.g., COVID-19, influenza) and other syndromes.
- Ensure all staff are aware of the reporting mechanism in place. For e.g., calling in or reporting on the district hospitals messenger group chat.
- Remind staff (Clinical & Records) to always ask for working phone numbers and current addresses. These details are essential for field epidemiological investigations.



Reporting matrix from health facilities, 15th – 21st December 2025

Outstanding Reports for epi-week 51

Health Facility	15-Dec-25	16-Dec-25	17-Dec-25	18-Dec-25	19-Dec-25	20-Dec-25	21-Dec-25
TTMH							
Lufilufi DH							
Lalomanu DH							
Poutasi DH							
Saanapu HC							
Faleolo HC							
MTII							
Foailalo DH							
Sataua DH							
Safotu DH							
Satupaitea DH							



Reported



Pending report

- Total number of sites: 11
- Total reporting sites in epi-week 51: 10
- Percentage of sites reported for epi-week 51: 82%

Deadline of updates for this report: 4pm, 22nd December 2025

1. Dengue like illness (DLI)

Case Definition: Fever ($\geq 38^{\circ}\text{C}$) for at least 2 days, PLUS at least 2 of the following: Nausea or vomiting; Muscle or joint pain; Severe headache or pain behind the eyes; Rash; bleeding

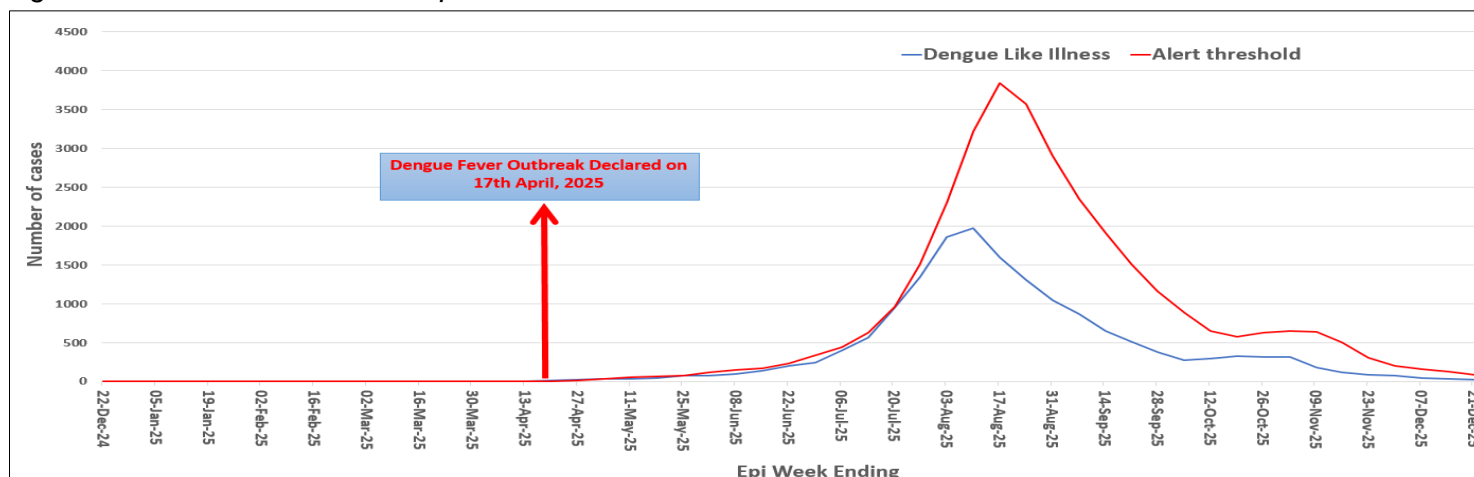
Alert threshold: **twice the average number of cases seen in the previous two weeks**

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	36	24
Moving Average	63	43.5
Threshold	126	87

- The total number of DLI cases has decreased by 33% compared to the previous epi-week.
- In Epi-week 51, there were 24 DLI cases reported: 11 of which are Dengue lab-confirmed cases from TTMH Laboratory.

A Dengue Fever outbreak was declared on the 17th April 2025. We continue to advise and encourage all clinicians to collect samples for testing of all patients presenting with dengue like illnesses.

Figure 1. Number of DLI cases reported from all Health Facilities



2. Influenza like illness (ILI)

Case Definition: An acute respiratory infection with a history of fever or measured fever of $\geq 38^{\circ}\text{C}$ and cough, with onset within the last 10 days

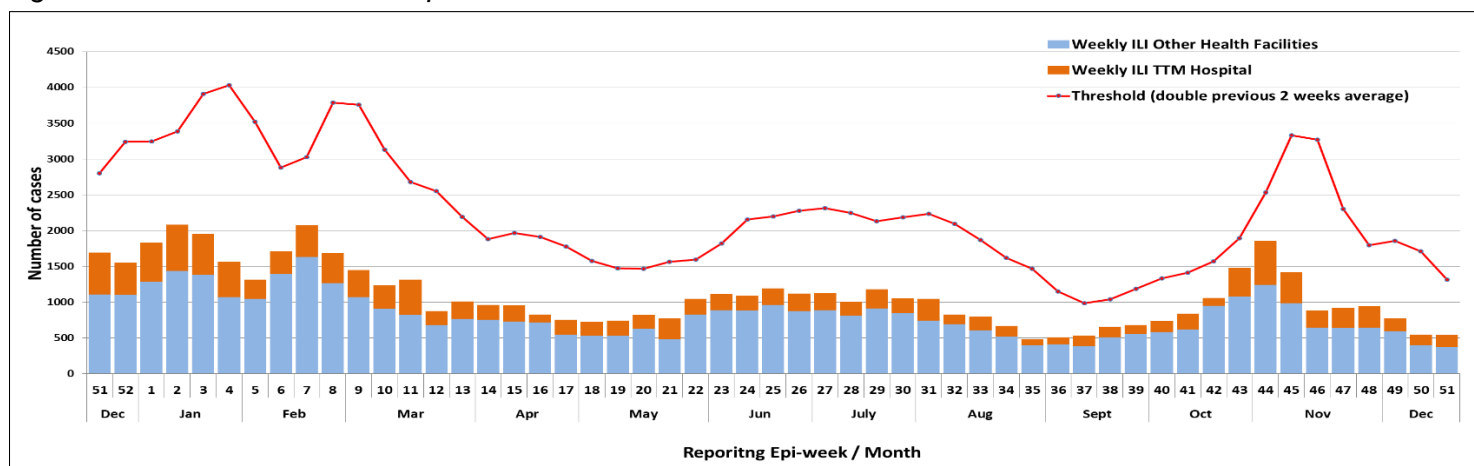
Alert threshold: **Exceeding double the average in the previous 2 weeks**

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	546	539
Moving Average	854	658
Threshold	1707	1315

- ILI cases decreased by 1.3% compared to the previous epi-week & remain below the alert threshold.
- In this epi-week, a total of 3 nasopharyngeal swabs (NPS) were collected and referred to TTMH Lab.
- All samples returned negative for respiratory panel testing.

It is also encouraged that samples are collected for verification & confirmation of the causative agent

Figure 2. Number of ILI cases reported from all Health Facilities



3. Severe acute respiratory infection (SARI)

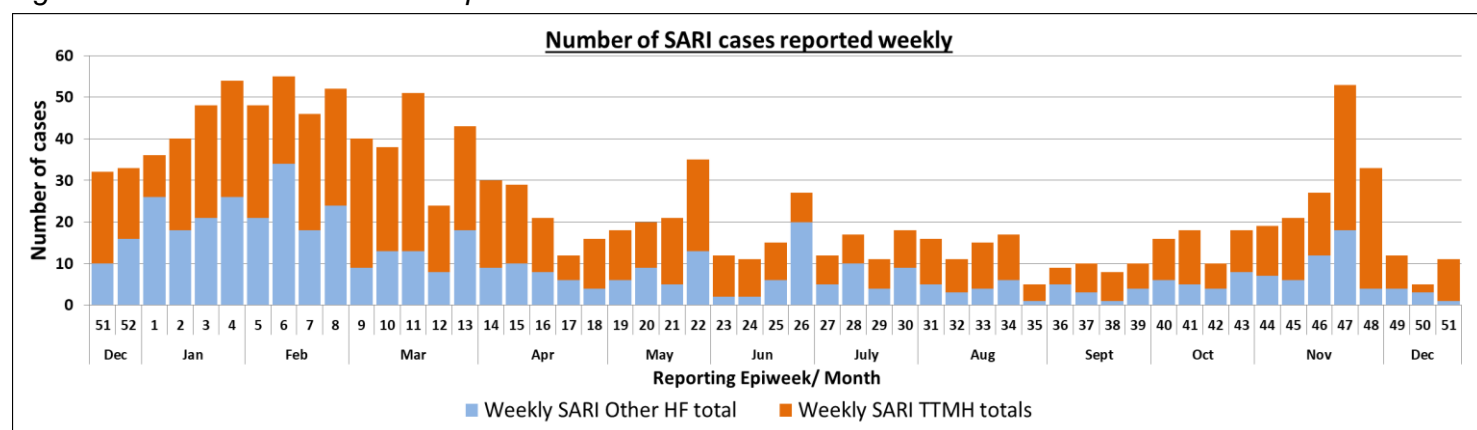
Case Definition: An acute respiratory infection with a history of fever or measured fever of $\geq 38^{\circ}\text{C}$ and cough, with onset within the last 10 days, AND requiring hospitalization

Alert threshold: 2 linked cases

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	5	9
Moving Average	22.5	8.5
Threshold	2 linked cases	2 linked cases

- There is an 80% increase in SARI case total compared to the previous epi-week.
- Cases were reported from TTMH (8) and Poutasi (1) Health Facilities.
- 1 of the 9 (11%) SARI cases were tested; case was from TTMH Pediatric.
 - This case returned negative results for respiratory panel testing.
- Most of the SARI cases were diagnosed with severe pneumonia (89%) & LRTI/URTI (11%)
- The clinical team are reminded and advised to test all SARI cases.
- An ongoing challenge is the invalid phone numbers provided. Phone contacts retrieved from PATIS is also invalid. This results in the inability to conduct initial investigation interviews.

Figure 3. Number of SARI cases reported from all health facilities



4. Diarrhea

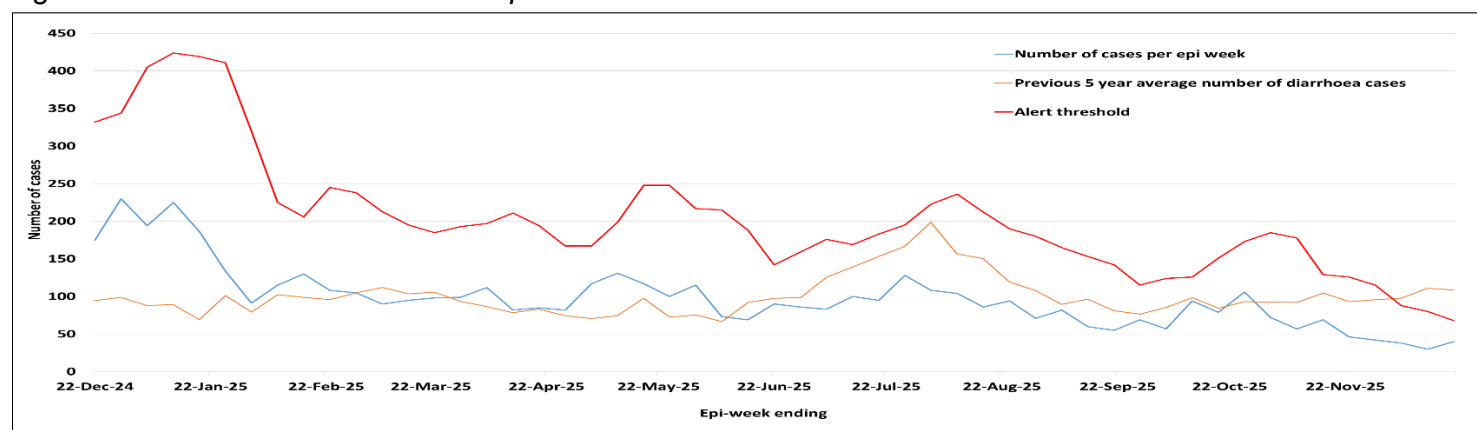
Case Definition: Three (3) or more loose or watery or bloody stools in 24hrs

Alert threshold: more than twice the average of the last two weeks count

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	30	40
Moving Average	40	34
Threshold	80	68

- In the current epi-week, diarrheal cases have increased by 33% compared to the previous epi-week and remain below the alert threshold.
- Case count includes additional cases detected through active case finding that were not reported through Syndromic Surveillance.

Figure 4. Number of Diarrhea cases reported from all health facilities



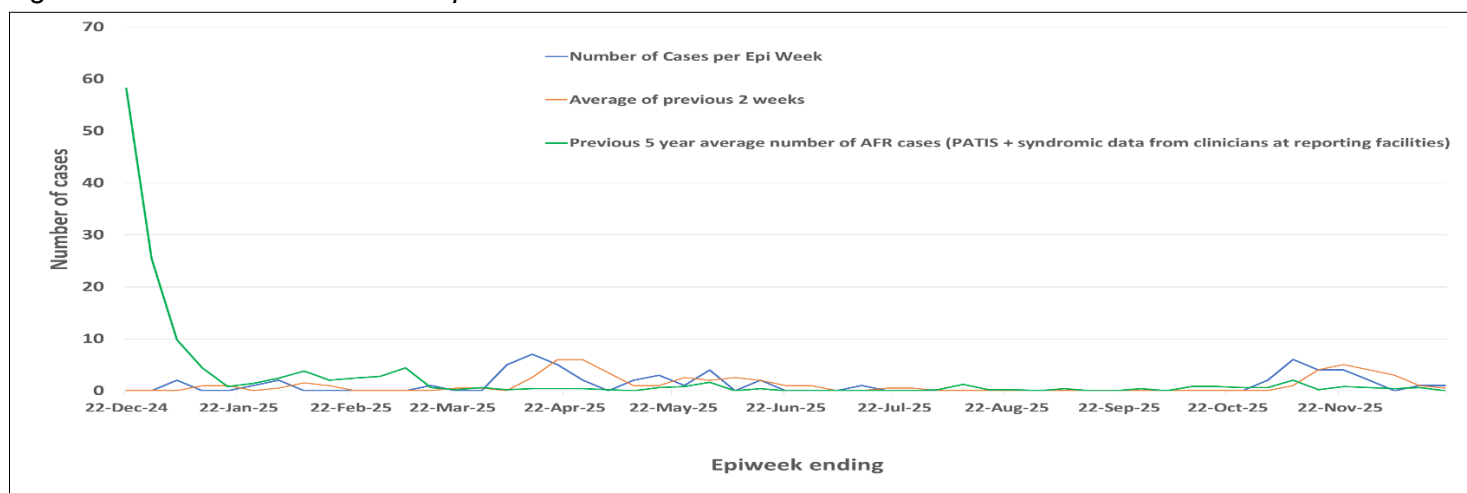
Case Definition: Sudden onset of fever ($>38^{\circ}\text{C}$) AND acute non-vesicular or non-blistering rash

Alert threshold: **two or more cases that temporally and epidemiologically linked**

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	1	1
Moving Average	1	0.5
Threshold	≥ 2 linked cases	≥ 2 linked cases

- In epi-week 51, there was 1 reported AFR case.
- The case was diagnosed as suspected measles, and samples were sent to VIDRL for confirmation.
- Attending Physicians are encouraged to collect blood samples for suspect Measles, Rubella and HFMD cases for confirmatory testing.

Figure 5. Number of AFR cases reported from all health facilities



6. Prolonged fever

Case Definition: Fever $\geq 38^{\circ}\text{C}$ lasting 3 or more days.

Alert threshold: **twice the average number of cases seen in the previous two weeks**

Epi-weeks	Epi-week 50: 08/12/25 – 14/12/25	Epi-week 51: 15/12/25 – 21/12/25
Total cases reported	0	0
Moving Average	0	0
Threshold	0	0

- No Prolonged Fever cases were reported since Epi-week 44.
- Attending physicians are encouraged to strictly apply syndrome case definitions, provide a definitive diagnosis for reported AFI cases, and collect blood samples for suspected typhoid cases for confirmation

Figure 6. Number of Prolonged fever cases reported from all health facilities

