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Syndromic Surveillance Report

Epi-week 08: 16th – 22nd February 2026

Date of report: 23rd February 2026

Distribution: **Internal & External use**

New information in blue

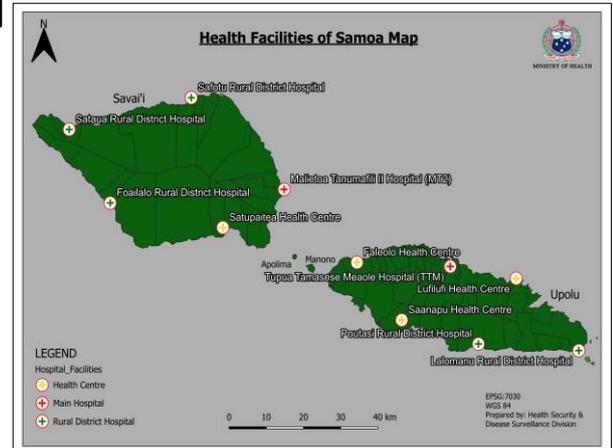
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List of Syndromes monitored under the Syndromic Surveillance

- | | |
|---------------------------------------|-----------------------|
| 1. Dengue like illness | 4. Diarrhoea |
| 2. Influenza like illness | 5. Acute Fever & Rash |
| 3. Severe acute respiratory infection | 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, 16th – 22nd February 2026

Health Facility	Outstanding Reports for epi-week 08						
	16-Feb-26	17-Feb-26	18-Feb-26	19-Feb-26	20-Feb-26	21-Feb-26	22-Feb-26
TTMH	Reported	Reported	Reported	Reported	Reported	Reported	Reported
Lufilufi	Reported	Reported	Reported	Reported	Reported	Reported	Reported
Lalomanu	Reported	Reported	Reported	Reported	Reported	Reported	Pending report
Poutasi	Reported	Reported	Reported	Reported	Reported	Reported	Pending report
Saanapu	Reported	Reported	Reported	Reported	Reported	Reported	Pending report
Faleolo	Reported	Reported	Reported	Reported	Reported	Reported	Pending report
MTII	Pending report	Pending report	Pending report	Pending report	Pending report	Pending report	Pending report
Foailalo	Reported	Reported	Reported	Reported	Reported	Reported	Pending report
Sataua	Reported	Reported	Reported	Reported	Reported	Reported	Reported
Safotu	Reported	Reported	Reported	Pending report	Pending report	Pending report	Pending report
Satupaitea	Reported	Reported	Reported	Reported	Reported	Reported	Pending report

- Total number of sites: 11
- Total reporting sites in epi-week 08: 10
- Percentage of sites reported for epi-week 08: 91%

Deadline of updates for this report: 4pm, 23rd February 2026

Reported

Pending report



1. Denque 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

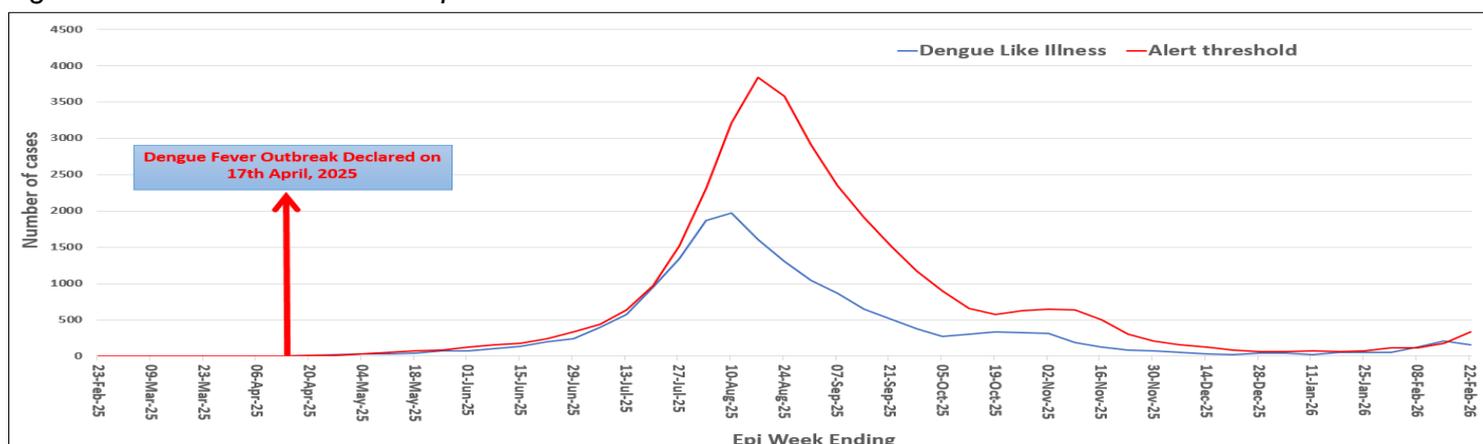
Alert threshold: **twice the average number of cases seen in the previous two weeks**

Epi-weeks	Epi-week 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	206	157
Moving Average	90	165
Threshold	180	330

- The total number of DLI cases has decreased by 24% compared to the previous epi-week.
- In Epi-week 8, there were 157 DLI cases reported: 64 of which are Dengue lab-confirmed cases from TTMH Laboratory. The reported total could change once the pending reports are received.
- In epi-week 7, the reported cases exceeded the threshold indicating an ongoing outbreak transmission and significant increase in case incidence.

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

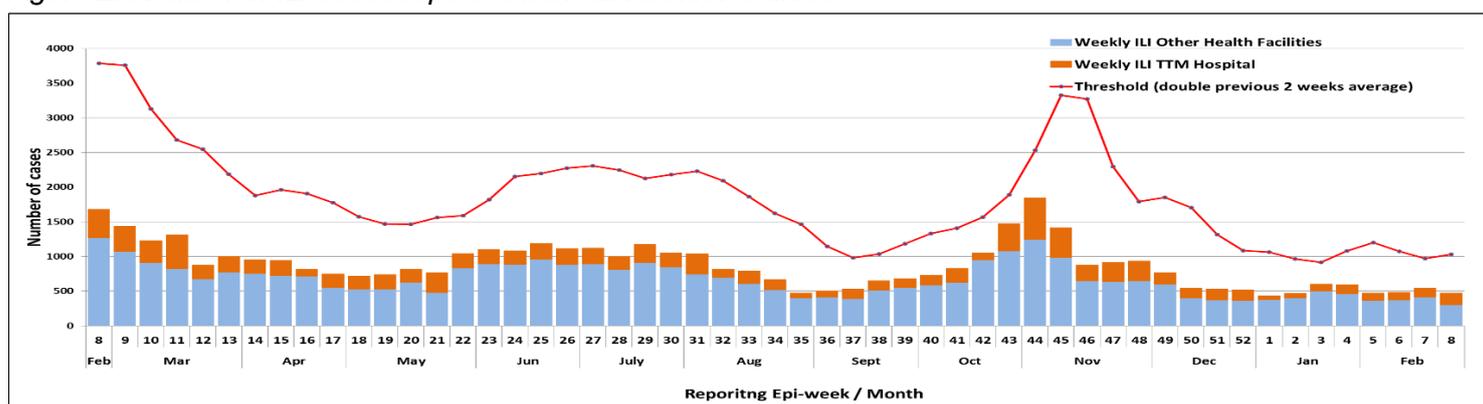
Alert threshold: **Exceeding double the average in the previous 2 weeks**

Epi-weeks	Epi-week 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	542	478
Moving Average	485	516
Threshold	970	1032

- ILI cases decreased by 12% compared to the previous epi-week & remain below the alert threshold. The total number of cases is subject to change once the pending reports are received.
- In this epi-week, 21 nasopharyngeal swabs (NPS) were collected and referred to TTMH lab.
- Of these samples, only 1 tested positive for Influenza B while the remaining tested negative.

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)

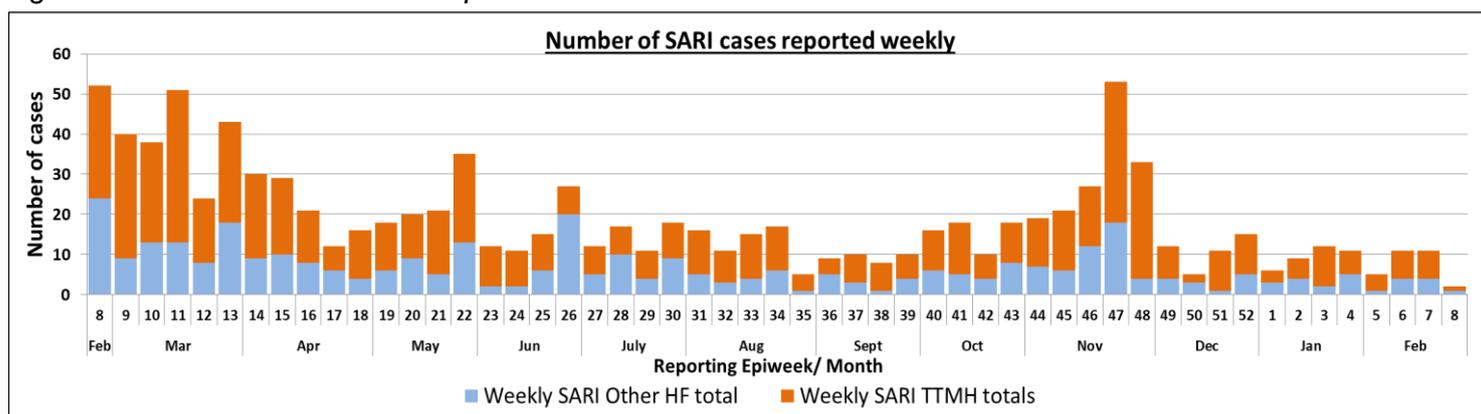
Case Definition: An acute respiratory infection with a history of fever or measured fever of $\geq 38\text{ }^{\circ}\text{C}$ and cough, with onset within the last 10 days, AND requiring hospitalization

Alert threshold: 2 linked cases

Epi-weeks	Epi-week 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	11	2
Moving Average	8	11
Threshold	2 linked cases	2 linked cases

- There is an 82% decrease in SARI case total compared to the previous epi-week.
- Cases were reported from TTMH (1) and Lalomanu (1) health facilities.
- 1 of the 2 SARI cases was tested and returned negative for respiratory panel testing.
- These SARI cases (2) were diagnosed with severe pneumonia.
- 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

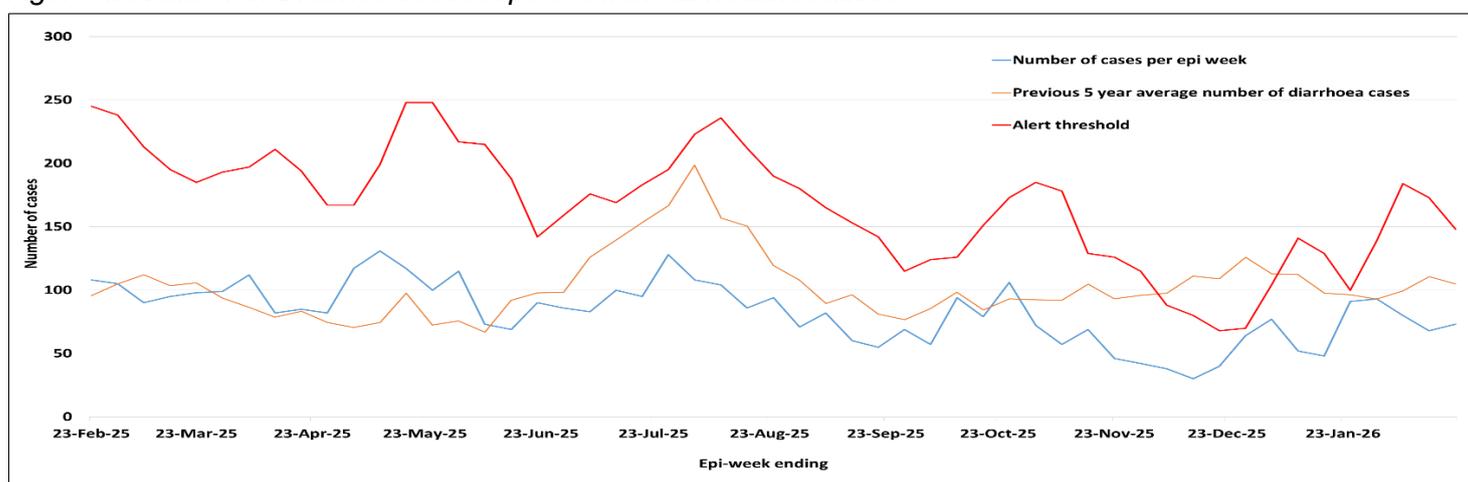
Case Definition: Three (3) or more loose or watery or bloody stools in 24hrs

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

Epi-weeks	Epi-week 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	68	73
Moving Average	86.5	74
Threshold	173	148

- In the current epi-week, diarrheal cases have increased by 7% 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



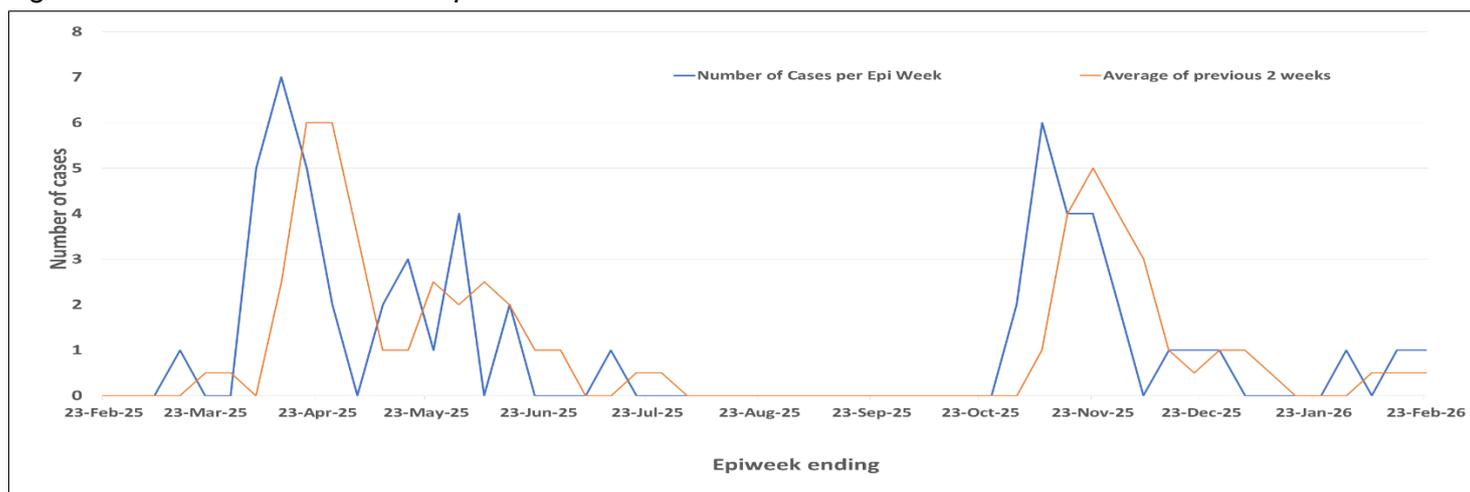
5. Acute fever and rash (AFR)

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 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	1	1
Moving Average	0.5	0.5
Threshold	≥ 2 linked cases	≥ 2 linked cases

- In epi-week 8, there was 1 reported AFR case.
- This case was diagnosed as suspected Hand Food Mouth Disease (HFMD) at Faleolo health facility and samples were collected for lab confirmation.
- In epi-week 7, a suspected measles case was reported and samples were collected 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 07: 09/02/26 – 15/02/26	Epi-week 08: 16/02/26 – 22/02/26
Total cases reported	0	0
Moving Average	0	0
Threshold	0	0

- No Prolonged Fever cases were reported in the current epi-week.
- 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

