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Dengue Fever Outbreak Situation Report in Samoa

Epi-week 49: 01st December – 07th December 2025

Issue No. 34

Date of report: 8th December 2025

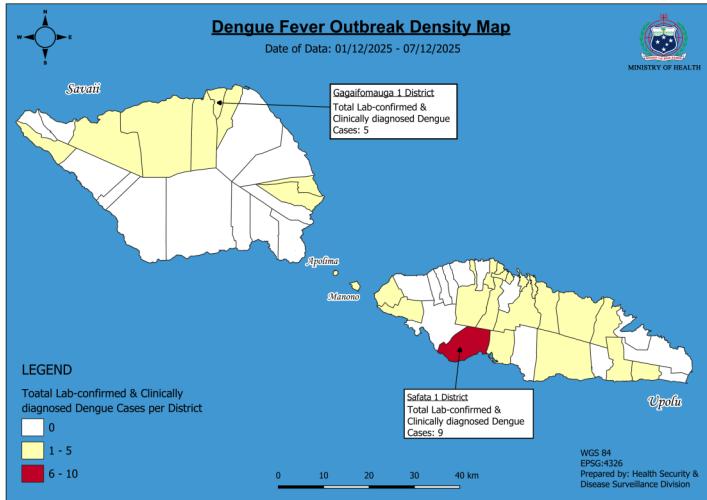
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Weekly Summary (01st – 07th December 2025)

Number of New Cases	Difference compared to previous week for New cases (%)	Number of new admissions	Difference compared to previous week for New admissions (%)	Number of lab confirmed cases	Difference compared to previous week for lab confirmed cases (%)	New ICU admissions	Number of Deaths
78	- 9%	0	- 100%	27	+145%	0	0



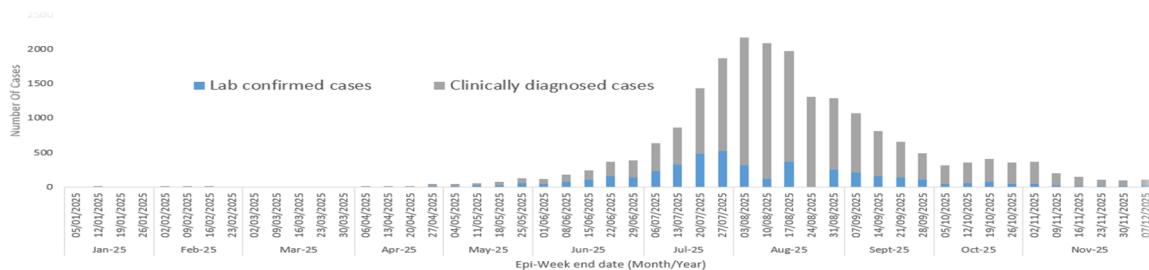
Epi Week 48 (24-30 Nov 2025)	Cases	Epi Week 49 (01-07 Nov 2025)	Cases
Safata 1	9	Safata 1	9
Safata 2	5	Gagafomauga 1	5
Vaisigano 1	4	Vaisigano 1	4
Anoamaa 2	4	Vaisigano 4	3
Salega 2	3	Sagaga 3	3

Table 1.0:
Top 5 districts with the most number of cases for the previous and current Epi-weeks.

Figure 1.0. Districts with the most lab-confirmed and clinically diagnosed dengue Cases for Upolu and Savaii for the current Epi-Week.

Summary of the Year to Date (1st January 2025 - Present)

Total Clinically Diagnosed Cases	Total Lab-Confirmed Cases	Confirmed Dengue Virus Serotypes	Age Group Most Affected	Reported Dengue-Related Deaths	Geographic Distribution	Sex Distribution
16,161	4,650	91% DENV-1 9% DENV-2	<15 years (74%)	7 (to date)	64% of cases from Upolu 36% of cases from Savaii	54% Male 46% Female



Age Group	0-4 years	5-9 years	10-14 years	15-19 years	20+ years
Cases this Epi Week	4	13	2	2	6
Changes since previous Epi -Week (%)	+50%	+550%	-50%	0%	+500%
Cases since 1 Jan 2025	622	1420	1393	684	531
Female	281	677	608	314	282
Male	341	743	785	370	249

Table 2.0: Lab confirmed cases by age group for the current Epi-week and cases from January to date.

Health Facility	Outstanding Reports for epi-week 49						
	01-Dec-25	02-Dec-25	03-Dec-25	04-Dec-25	05-Dec-25	06-Dec-25	07-Dec-25
TTMH							
Lufilufi DH							
Lalomanu DH							
Poutasi DH							
Saanapu HC							
Faleolo HC							
MTII							
Foailalo DH							
Sataua DH							
Safotu DH							
Satupaitea DH							

Total number of sites: 11

Total reporting sites in Epi-week 49: 11

Deadline of updates : 08th Dec 2025

Table 3.0: Matrix of Reports Submitted by Health Facilities

		Reported	Pending report
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Control Measures:

1. A sensitization awareness program was conducted with Sui o Nuu, Sui Tamaitai o Nuu, and Sui ole Malo through their monthly meeting of both Upolu and Savaii to strengthen preparedness for the Measles Alert in Samoa. The focus was on encouraging vaccination in low-coverage areas, particularly ensuring that all eligible children receive their vaccines.
2. Community awareness activities have continued in the Anoamoa and Vaa o Fonoti Districts, with key messages on dengue and measles integrated into the broader immunization awareness program. Multimedia outreach continues via TV, radio, and MOH's Face-book page.
3. A KAP survey by MOH and UNICEF with 400+ participants (mainly from North West and urban Upolu) showed significantly improved knowledge and awareness of dengue compared to 2024. Perceived risk of dengue severity also increased, highlighting a key opportunity for RCCE to promote protective behaviors

Recommendation for the public:

1. Continue to promote source reduction through environmental clean ups to address mosquito breeding sites.
2. Wear appropriate clothing to minimize risk of infection.
3. Use mosquito nets and repellents such as lotion and spray.
4. If you are affected, watch out for severe symptoms, and seek medical attention immediately. Monitor other people in the household for similar symptoms and present to the hospital for testing and health advice.

Case definition

⇒ Clinical case

Acute fever $\geq 38^{\circ}\text{C}$ for at least 2 days, AND two or more of the following: Anorexia and nausea; Aches and pains; Rash; Low white blood cell count; Warning signs, including: Abdominal pain or tenderness, Persistent vomiting, Mucosal bleeding, Liver enlargement $>2\text{cm}$ below costal margin, Clinical evidence of fluid accumulation, Lethargy, restlessness, Laboratory: increase in hematocrit, rapid decrease in platelet count

⇒ Lab-Confirmed case

Isolation of dengue virus or detection of dengue-specific antigen or antibodies in tissue, blood, CSF or other body fluid by an advanced laboratory test

When is an outbreak declared over?

An outbreak is declared over when no new **laboratory confirmed cases** are detected within **two incubation periods of the disease** (one incubation period is 14 days). Therefore, a total of 28 days without any new laboratory confirmed cases is required to declare an outbreak over.

- For medical advise, please contact the Ministry of Health on +685 68100 or +685 66600, or visit the nearest hospital
- Dengue situational reports are posted on the MOH Facebook page and MOH website: www.health.gov.ws