



Ministry of Health

# DENGUE FEVER OUTBREAK IN SAMOA

Situation Report 2, 27/07/2015

Outbreak Description

Samoa has confirmed a **Dengue Fever serotype 3** outbreak since early July, 2015.

There are now a cumulative total of 121 Dengue Like Illness (DLI) cases recorded. So far, most cases are from the North West Upolu areas as seen in red on the map of Upolu, although other areas of the country also show positive cases. The age groups most affected so far, are those under 25 years of age with a current attack rate of 0.6 per 1,000 population.

Our case definition is of DLI with an acute fever and any two of the following signs and symptoms: joint & muscle pains; maculo-pappular rash; severe headaches; nausea & vomiting; pains behind the eyes; bleeding and leucopenia.

To date, there have been 12 hospital admissions with two Dengue Hemorrhagic cases. No deaths have been reported so far.

Laboratory:

Over 437 DENV tests were requested in July alone. Of this, **60 positive NS1**; **25 IgM positive** and **21 IgG positive**.

CONTROL MEASURES

ngoing with emphasis on the importance of cleanli-

Multi-media campaign for Public Health awareness are ness and reduction of breeding sites for mosquitoes.

MOH also drives a multi-sectoral approach for a National

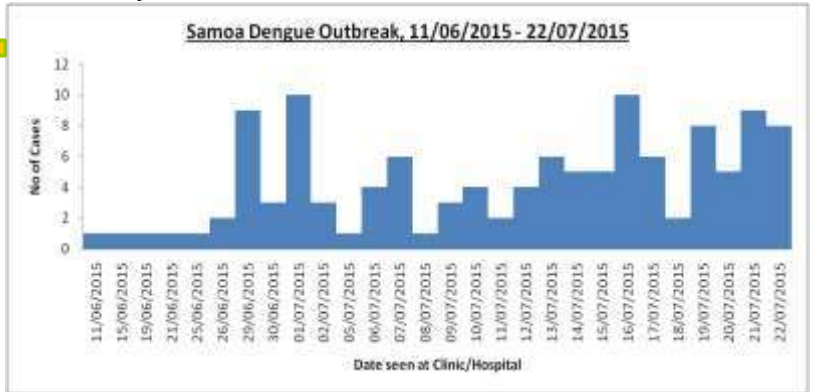
Vec- **PERSON: Age Group & Gender** tor Control committee involving various Government ministries and other organizations to assist in mobilising community engagement in source reduction and clean up campaigns but also in funding response for vector-borne outbreaks.

The positive results from this Multi-Sectoral Committee model encourages budget allocation by each ministry and corporation of chemicals and supplies needed.

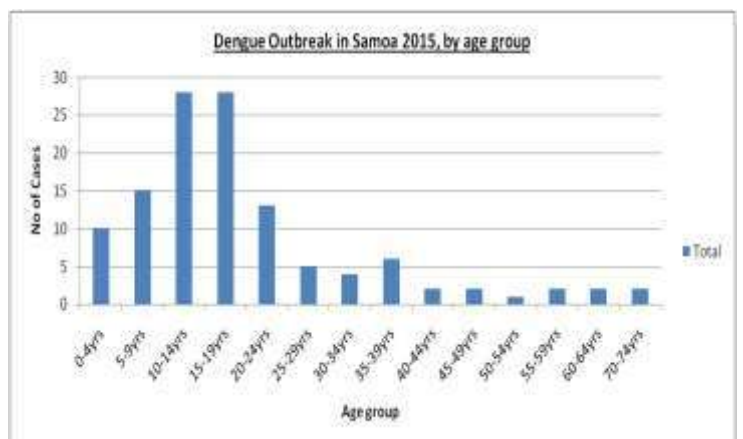
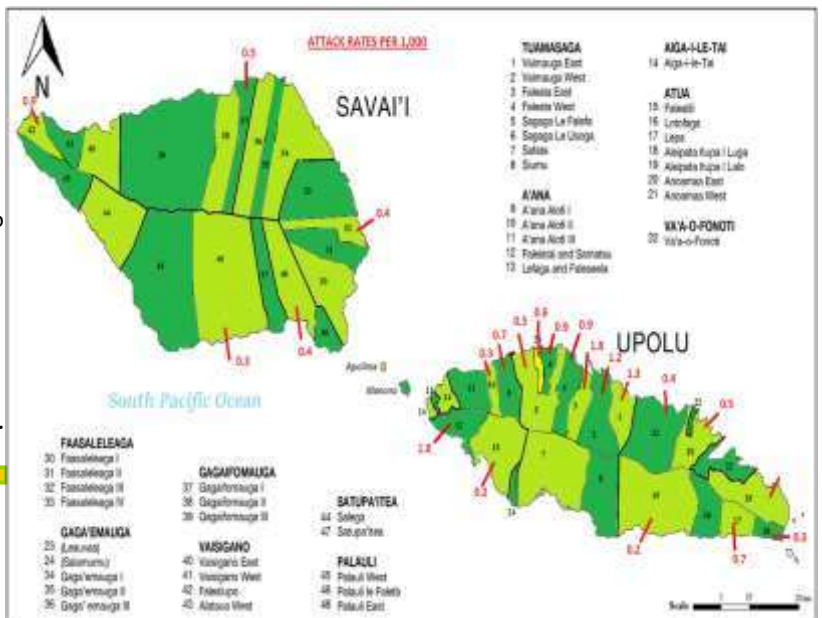
Vector Surveillance has instigated the laying of special traps and identification of types of mosquitoes captured. Testing for infected mosquitoes will soon be available locally.

Peri-focal spraying, fumigation and control efforts continues for selected sites.

TIME: Daily DENV cases



PLACE: Map



□Enhanced surveillance of DENV outbreak has engaged public and private clinical practices with CME refresher sessions.

□This includes refresher trainings on DENV management for peripheral clinical sites for Upolu and Savaii.

Gender	Total	%
Female	54	45%
Male	67	55%
<b>Grand Total</b>	<b>121</b>	<b>100%</b>

Data Source: 7 Surveillance Sentinel Sites (TTM, Lufilufi, Lalomanu, MTII, Foailalo, Sataua, Safotu), NHS Laboratory, Medical Records.