



Government of Samoa
Ministry of Health



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Dengue Situation Report, issue no.8

Epi-week 16: 15—21 April 2024

Date of report: 22 April 2024

Email: surveillance@health.gov.ws

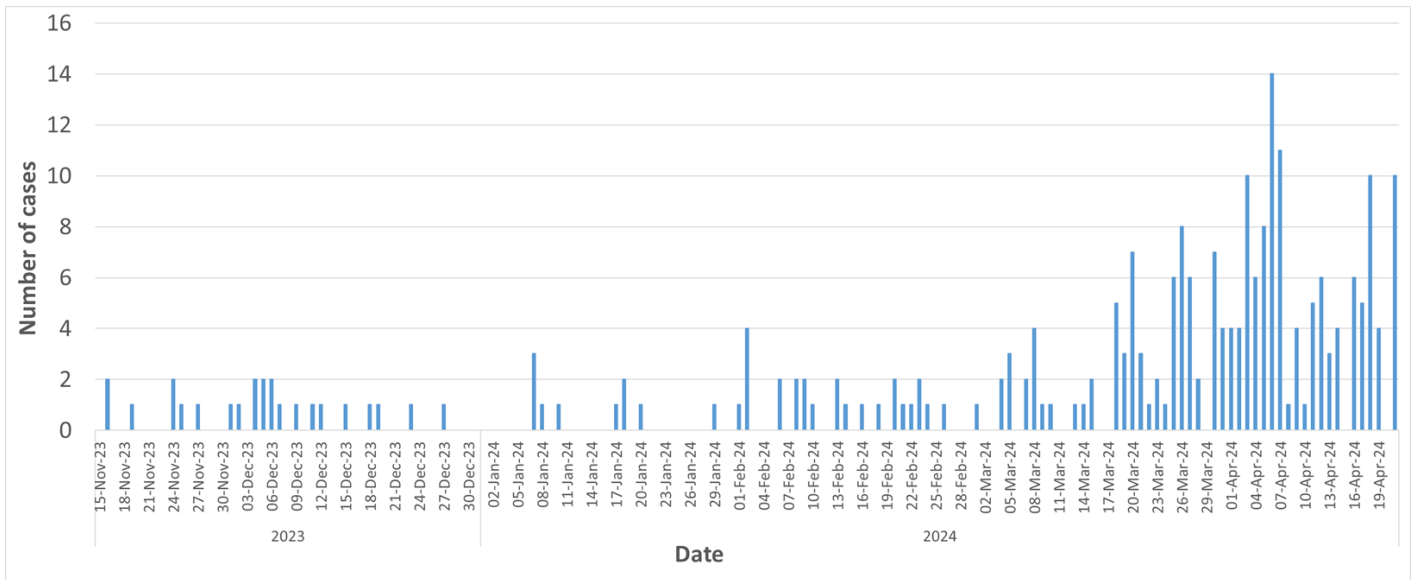
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Highlights

- ◆ From November 2023 to date, a total of 250 lab-confirmed dengue cases have been recorded
- ◆ There were 34 new lab-confirmed dengue cases in this epiweek
- ◆ The most vulnerable age groups are those under 10 years and over 60 years old
- ◆ North West of Upolu (NWU) and Apia Urban Area (AUA) regions continue to be the most affected areas

Figure 1. Number of dengue lab-confirmed cases by date of test request, November 2023 to date



Case definition

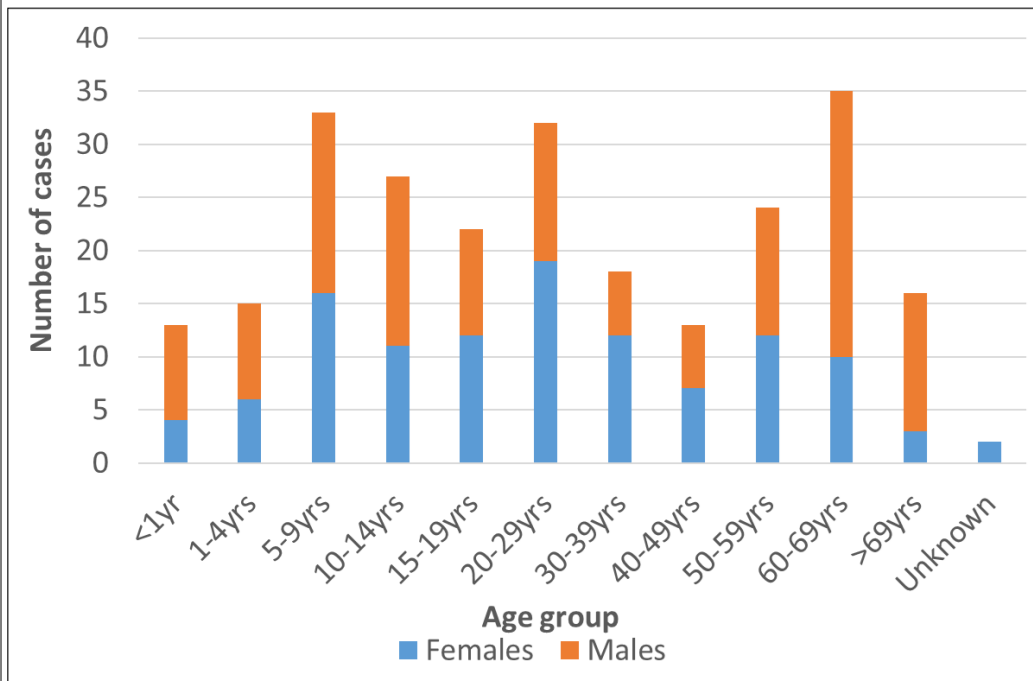
Suspected case (clinical case definition):

⇒ 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

⇒ 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

Figure 2. Age group distribution of dengue lab-confirmed cases by sex, November 2023 to date

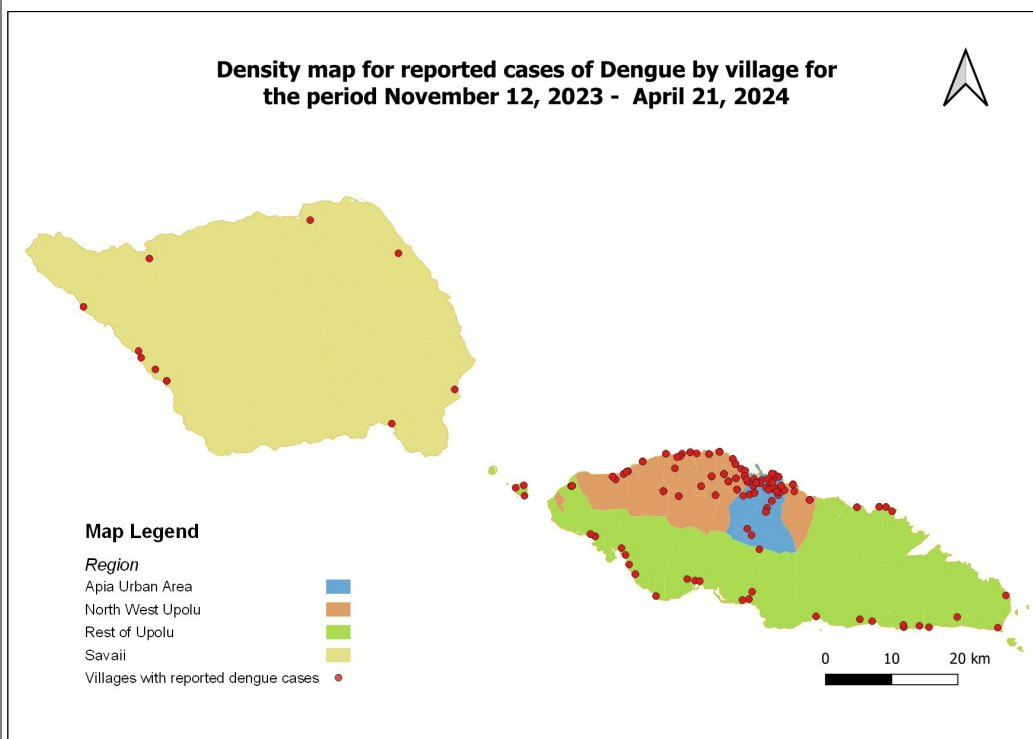


Sex	No. cases	%
Females	114	46%
Males	136	54%
Total	250	100%

Control Measures:

1. Conduct a mass cleanup campaign to reduce mosquito breeding sites
2. Conduct spraying to eliminate adult mosquitoes at hot spot areas
3. Boost community engagement on source reduction
4. Risk communication on dengue preventative measures on all media outlets

Figure 3. Density map for lab-confirmed dengue cases by village, November 2023 to date



Recommendation for the public:

1. Continue to clean up and remove all stagnant water sources around the house to ensure mosquito breeding sites are eliminated
2. Wear appropriate clothing to minimize mosquito bites
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.

- 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