Dengue-3 Outbreak in Republic of the Marshall Islands, June 25–Oct. 27, 2019
Situation Report Date: October 27, 2019

Outbreak Overview

Cases: To date there have been 914 dengue like illness of which 280 have been lab confirmed. This is outbreak week #24 in Ebeye, #12 in Majuro, #2 in Utrik and #1 in Aur. Symptoms and age profile of cases is typical for dengue fever. One death and one severe dengue patient evacuated out-of-country to date.

Organization of Response: EpiNet team in Ebeye and the RMI national EpiNet teams were both activated on July 16, with daily meetings currently. Presidential Declaration of Health Emergency and activation of multi-ministry and NGO National Emergency Operations Center on August 6 with weekly meetings. RMI Dengue Response Plan finalized Aug 6. Weekly conference calls with technical assistance partners also being held.

Case Definitions (based on PPHSN):
- Suspected case: Acute fever > 2 days with two or more of the following: anorexia and nausea; aches and pains; rash; low white blood cell count; tourniquet test positive; warning signs (abdominal pain or tenderness; persistent vomiting; mucosal bleeding; liver enlargement >2 cm; fluid accumulation; lethargy, restlessness; increase in hematocrit with decrease in platelets).
- Confirmed case: Suspected case with lab confirmation (+Rapid test (for NS1 or IgM) or +PCR test)

Current Response Goals:
1) Surveillance system with daily updates in place for Ebeye, Majuro and Outer Islands
2) Fungal control education delivered on house to house visit.
3) Clinical capacity

Preparation for outer atolls:
- Dengue 101 training to health assistants is still ongoing; Community cleanup initiated in 3 outer atolls but most still pending; Shipments of dengue-related supplies to go to some atolls this week.
- A total of 6 Health Assistants for Jabor Jaluit, Kaven Maleolap, Tokewa Mili, Wormej Wotje and 2 from Majuro were trained in DF, management of DF Category A, B, and C; Surveillance forms, Active Surveillance, and OI response plan for prevention of DF with the traditional and Govt leaders, Churches, NGOs, etc.

Outbreak Overview

Cases (Suspect & Confirmed) by Week of Onset - Ebeye, Majuro & Utrik

<table>
<thead>
<tr>
<th>Week</th>
<th># Dengue Like Illness cases</th>
<th># New in Past 7 days</th>
<th># Hospitalized</th>
<th># in Hosp Now</th>
<th># Died</th>
<th># PCR (Rapid tested)</th>
<th># NS1 or IgM (PCR tested)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>271</td>
<td>36</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>15 (17)</td>
<td>121 (175)</td>
</tr>
<tr>
<td>23</td>
<td>606</td>
<td>36</td>
<td>1</td>
<td>7</td>
<td>1</td>
<td>139 (15060)</td>
<td>199 (1)</td>
</tr>
<tr>
<td>22</td>
<td>36</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2 (2)</td>
<td>0</td>
</tr>
</tbody>
</table>

Response Summary*

Cases:
- Ebeye: 23.8/1000 (widespread all wetos)
- Majuro: 22.9/1000
- Utrik: 233/1000
- Rongrong: 23.3/1000
- Laura: 13/1000
- Jakelin: 21/1000
- Jekyr: 15/1000
- Ralaki: 8/1000
- Eljo: 3/1000
- Welaka: 2/1000
- Kerek: 1/1000

Contact:
Edlen Anzures - Data Officer (eanzures@gmail.com)