### Outbreak Overview

On Friday, December 7, 2018, the Palau Ministry of Health alerted the public of an outbreak of dengue fever following the first ever laboratory confirmation of two cases with dengue serotype 3. This poses a significant concern for public health as the whole population is potentially vulnerable to infection.

In response to the outbreak, the Ministry of Health activated its emergency response team on December 7, 2018. The team has been tasked with raising community awareness of the outbreak and dengue prevention measures, conducting disease surveillance and reporting, strengthening environmental control measures, and ensuring adequate resources are available to combat the outbreak.

Between October 14 - 20, 2019, there were 18 new cases reported. This brings the total for the month of October 2019 to 33 and from December 1, 2018 - October 20, 2019 to 662 cases.

There have been two deaths attributed to dengue infection during this outbreak.

### Demographics

- **Age range = 0 – 88 years**
- **Mean age = 29 years**
- **Median age = 24 years**

The majority of cases during this outbreak have been Palauan.

**Ethnicity**

- Palauan: 560
- Bangladeshi: 37
- Filipino: 23
- Chinese: 16
- Other: 26

**Gender**

- Male: 333
- Female: 329

**Location**

- Koror: 235
- Ngerchee: 79
- Ngerkesoaol: 71
- Ngerchemai: 33
- Ngerchehnr: 28
- Ngerkesk: 23
- Ngerbeched: 23
- Airport: 14

### Symptom Profile of Cases

- **Fever**: 168
- **Chills**: 142
- **Headache**: 138
- **Body pain**: 134
- **Joint pain**: 133
- **Loss of appetite**: 126
- **Altered taste sensation**: 111
- **Nausea**: 105
- **Vomiting**: 78
- **Cough**: 73
- **Eye pain**: 62
- **Abdominal pain**: 51
- **Rash**: 48

### Cases by State and Koror Hamlets

<table>
<thead>
<tr>
<th>State</th>
<th>Jul - Oct 2019</th>
<th>Total since Dec 2018</th>
</tr>
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<tbody>
<tr>
<td>Koror</td>
<td>235</td>
<td>79 111</td>
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<tr>
<td>Airport</td>
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</tbody>
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### Epi Curve

- **Number of Cases**
  - **Mean age**: 29 years
  - **Median age**: 24 years

### Responses Measures

- **Search and eliminate mosquito breeding sites.**
- **Self-protect by wearing insect repellent and ensuring a mosquito-free environment.**
- **Seek early consultation** if you show severe signs or symptoms of dengue.

The next report for epi week 43 will be released on Tuesday, October 29, 2019.