# American Samoa UHC Dengue Situation Report
## Epi Week 38 (September 16 – 22, 2018)

### Activity Updates and Resource Needs

#### Epidemiology

**Activities & General Updates**

- Am. Samoa have not seen any ZIKV PCR positive cases since June 2016. From Sep 09 – 15, Hawaii State Lab (HSL) released 20 results for samples tested via ZIKA IgM MAC ELISA. 3 samples were IgM positive.

- Am. Samoa continue to see a **decline** in the ratio of samples that test positive for Dengue Virus infection. For Epi Weeks 38, HSL release no results for samples tested via RT-PCR.

- **Am. Samoa has kicked-off the campaign to eliminate Lymphatic Filariasis.** ELC personnel are involved in the LF Committee core group. Mass Drug Administration for Am. Samoa DOH is scheduled to run from September 24 to October 26, 2018.

**Next Steps**

- N/A

**Resource Needs/Requests of PHEP/ELC**

- N/A

#### Laboratory Testing

**Activities & General Updates**

- From Sep 16 – 22, 2018, **22 serum samples were sent to Hawaii State Lab** for Trioplex PCR testing for Zika, Dengue, and Chikungunya (Selection criteria: Any two symptoms of fever, rash, arthralgia, myalgia, headache, conjunctivitis)

- For Week38 (Sep 16 – 22, 2018) Hawaii State Lab released 19 results for samples tested via Trioplex PCR Assay, 4 samples test PCR positive for Dengue 2.

- Hawaii State Lab released results for Dengue serotyping. Only Dengue Type 2 detected among all PCR positive samples.

- From November 1, 2016 to Sep 15, 2018:
  - 937 Dengue PCR positives (Hawaii State Lab)
  - 130 Rapid Dengue Test kits: positive NS1 antigen (LBJ Lab)
  - 33 PRNT Positive*
  - **Total: 1100 Laboratory Confirmed cases document in the Cumulative Shipped List**

*Note: PRNT counts may vary as confirmatory PRNT test results are received from Ft. Collins

**Next Steps**

- Ship serum samples for dry spot testing.

**Resource Needs/Requests of PHEP/ELC**

- Still awaiting results for dry spot testing.