
### Activity Updates and Resource Needs

#### Epidemiology

**Activity Updates**
- Am. Samoa have not seen any ZIKV PCR positive cases since June 2016. From Aug 19 – Aug 25, Hawaii State Lab (HSL) released results for 3 samples tested via ZIKA IgM MAC ELISA, 1 was tested positive. Positive serology tests (IgM) for Zika was discussed and has been agreed to monitor PCR positive results.
- Am. Samoa continue to see a **decline** in the ratio of samples that test positive for Dengue Virus infection. For Epi Weeks 34, HSL release results for 14 samples tested via RT-PCR, with 2 positive cases.
- Because of the decline of Dengue numbers, Am. Samoa has moved the Unified Health Command meeting to a bi-weekly schedule. Unified Health Command meetings are held to update key leaders and inter departmental/agency partners regarding the ongoing Dengue 2 outbreak.
- **Am. Samoa gearing up for a campaign to eliminate Lymphatic Filariasis in Am. Samoa.** In partnership with PIHOA, CDC, and WHO. ELC personnel are involved in the LF Committee core group. Mass Drug Administration for Am. Samoa DOH is scheduled for September 24, 2018.

**Next Steps**
- N/A

**Laboratory Testing**

**Activity Updates**
- From Aug 19 – 25, 2018, **25 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)
- Hawaii State Lab released results for **14 samples tested via Trioplex PCR Assay** (2 PCR Positive for Dengue 2 infection, all negative for ZIKV, CHKV infection).
- Hawaii State Lab released results for **3 samples tested via Zika MAC ELISA assay** 1 tested IgM positive for ZIKV infection.
- Hawaii State Lab released results for Dengue serotyping. Only Dengue Type 2 detected among all PCR positive samples.
- From November 1, 2016 to August 25, 2018:
  - 924 Dengue PCR positives (Hawaii State Lab)
  - 120 Rapid Dengue Test kits: positive NS1 antigen (LBJ Lab)
  - 41 PRNT Positive
  - **Total: 1085 Laboratory Confirmed cases document in the Cumulative Shipped List**

**Next Steps**
- N/A

**Resource Needs/Requests of PHEP/ELC**
- N/A
Counts of Laboratory Confirmed Symptomatic Dengue patients per week, by week of symptom onset, November 2016 - August 2018, Am. Samoa Dengue Outbreak Response, August 25, 2018

Sum of Hospitalized patients, with serum sample sent to Hawaii State Lab for Triplex rt-PCR testing, hospitalized from September 2015 - August 2018, by Sex, Am. Samoa Zika/Dengue Response, August 25, 2018