

**American Samoa Measles Outbreaks**  
**Situational Report for December 15 – 28, 2019**  
 December 30, 2019

**Topline Messages**

- Total number of cases to date: 10 laboratory confirmed via RT-PCR testing at Hawaii State Lab; 4 suspected cases with laboratory results pending
- Measles transmission only on the island of Tutuila.
- Rash onset date for last laboratory confirmed measles case: December 7, 2019. Outbreak Declaration will be lifted after 2 incubation periods (42 days from 12/7/2019) without another laboratory confirmed case.
- American Samoa continues its campaign to vaccinate all school aged children. About 98% of children (12 months to 18 years old) with 1<sup>st</sup> dose of MMR, and 90% of children (4 to 18 years old) have completed 2 recommended doses of MMR.
- December 11, 2019 American Samoa began its campaign to vaccinate all adults with no evidence of MMR vaccine. To date 12,932 MMR doses administered (780 doses to children 6 months to 18 years old; 12,152 doses to adults 19 years and older).
- American Samoa continues to restrict entry at its borders from travelers via Samoa and Tonga. Travel permits will require a 15-day review process. Proof of immunity against measles is required for entry from these locations
- The Ban of all public gathering has been lifted, effective December 16, 2019

**American Samoa Department of Health (ASDOH) Actions**

**Actions by DOH**

- Continuing mass vaccination for all scheduled outreach sites on the island of Tutuila. Focus is on unvaccinated children
- ASDOH and Department of Education in partnership to check vaccination records for all enrolled students.

<b>MMR Coverage Overall</b> (Daycare, ECE, Elementary & High Schools: Pubic & Private) as of 12/28/2019		
<b>OVERALL</b>	<b>Count</b>	<b>%</b>
Total (12 months & older)	13781	
<b>MMR 1 complete</b>	<b>13465</b>	<b>98</b>
<b>Need MMR1</b>	<b>316</b>	<b>2</b>
Total (4 years & older)	12686	
<b>MMR 1 &amp; 2 complete</b>	<b>11388</b>	<b>90</b>
<b>Need MMR2</b>	<b>1298</b>	<b>10</b>

- December 30 – 31, 2019: Vaccination sites Haleck’s Building (Tafuna), DYWA Building (Pago Pago), Faga’itua Gymnasium (Faga’itua). Leone Health Clinic, Tafuna Health Clinic and Fagaalu Well Baby clinic remain open.

## Communications

- Public Service Announcements are updated to reflect updated Public Health Emergency proclamation
- Am. Samoa conducts daily update briefs at the Territorial Emergency Operations Center regarding mass vaccination program, and weekly briefs for measles surveillance and monitoring
- Unified Health Command to meet on Monday, Wednesdays, and Fridays to update health officials and providers

## Border Control

- Airport (Nov 13 to Dec. 28, 2019)
  - Total flights (Arrived/Departed): 955
  - Total passengers: 7798
    - Total MMR given: 1025
    - **Passengers denied entry: 74**
  - Medicaid patients received: 79
    - Total MMR given: 51
- Seaport (Nov. 13 to Dec. 28, 2019)
  - Total arrival/passengers: 5 Lady Naomi trips / 630 passengers
  - Total MMR given: 32
  - Total denied entry: 1

## Laboratory

Nasopharyngeal swab samples are collected from suspected cases (Fever, Rash, Coryza, Conjunctivitis) and sent to Hawaii State Lab for RT-PCR testing.

- **Confirmed cases: 10**
- Total Samples collected for testing: 33 Nasopharyngeal samples collected for testing at Hawaii State Lab
- Total Samples tested at Hawaii State Lab: 29
  - Results: **Positive: 10**, Negative: 19
- Total Samples pending: 4 Hawaii State Lab

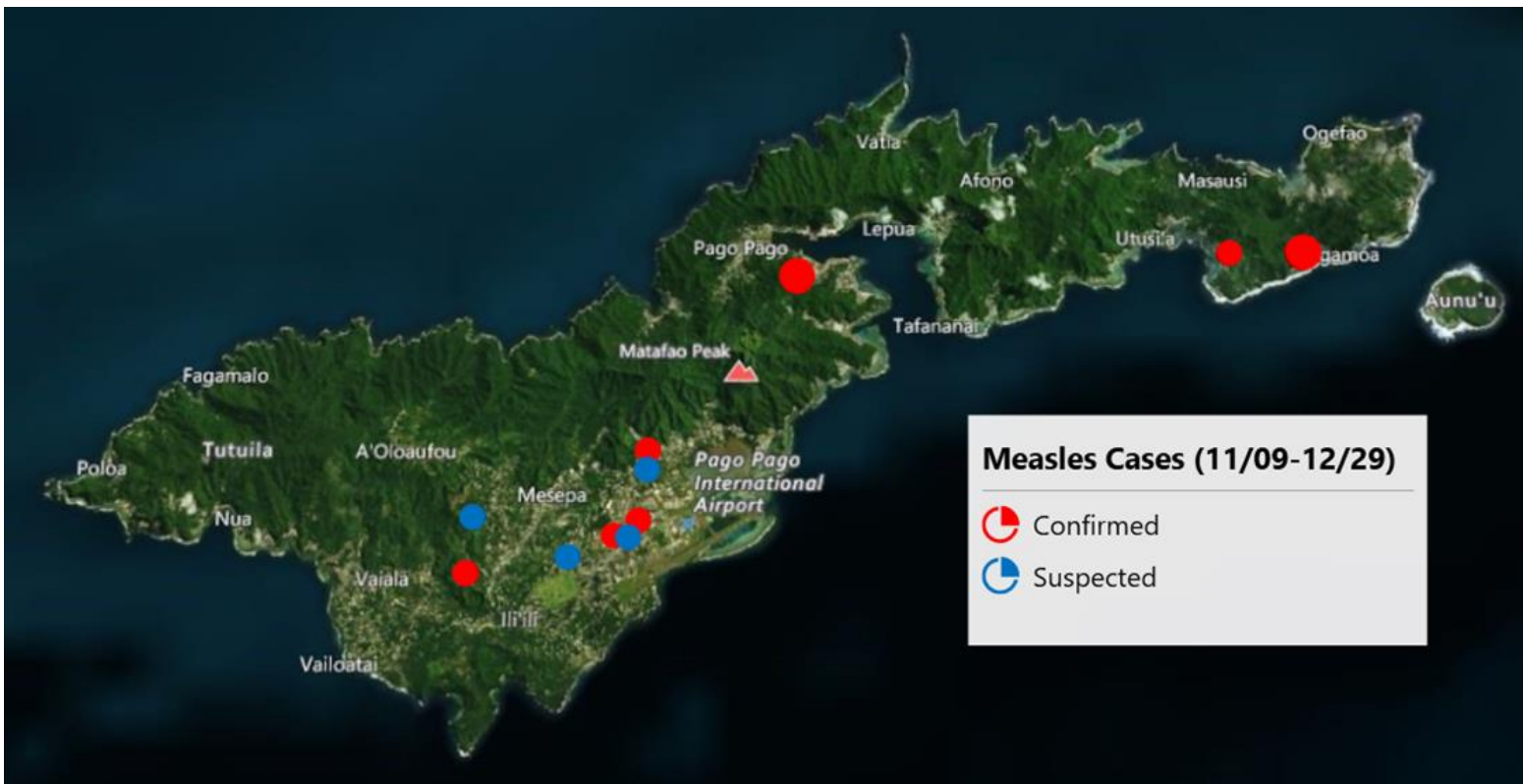
Epinet team, with assistance from ASDOH Lab Techs collected serum samples for genotype testing at CDC lab in Atlanta, GA.

Results:

- All positive cases were due to Measles virus **genotype B3**.

## Situational Awareness

**Distribution of Confirmed & Suspected Measles Cases by Location, Am. Samoa, December 29, 2019**



**Epidemiology Curve November 9 – December 28, 2019**

