

**American Samoa Measles Outbreaks**  
**Situational Report for December 29, 2019 - January 18, 2020**  
**January 19, 2019**

**Topline Messages**

- Total number of cases to date: 12 laboratory confirmed via RT-PCR testing at Hawaii State Lab; 3 suspected cases with laboratory results pending
- Measles transmission only on the island of Tutuila.
- Rash onset date for last laboratory confirmed measles case: December 31, 2019. Outbreak Declaration will be lifted after 2 incubation periods (42 days from 12/31/2019) without another laboratory confirmed case.
- American Samoa continues its campaign to vaccinate all school aged children. About 99% of children (12 months to 18 years old) with 1<sup>st</sup> dose of MMR, and 95% 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 14,779 MMR doses administered (1,113 doses to children 6 months to 18 years old; 14,128 doses to adults 19 years and older).
- American Samoa continues to restrict entry at its borders from travelers via Samoa and Tonga. Travel permits are currently on hold. Travelers with transiting through Am. Samoa (less than 24hrs stay) may do so with the “OK Board” process . Proof of immunity against measles is required for entry from Apia, Samoa and Kingdom of Tonga
- The Ban of all public gathering has been lifted, effective December 16, 2019.
- All School are now open. However, students without 1 dose of MMR will not be permitted to attend until proof of MMR is verified.

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

**Actions by DOH**

**MMR Vaccination Campaign:**

- Continuing mass vaccination for all scheduled outreach sites on the island of Tutuila. ASDOH estimates that there are over 3,000 overstayers and about 12,841 unvaccinated adults in Am. Samoa. Mass vaccination campaign focused on this population. As of 12/17/2020, ASDOH has administered 15,241 MMR doses to 1,117 children 6 months to 18 years old, and 14,124 adults 19 years and older.
- Estimated MMR coverage for Am. Samoa is 95% of all eligible population
- ASDOH and Department of Education in partnership to check vaccination records for all enrolled students.

**MMR Coverage Overall**  
 (Daycare, ECE, Elementary & High Schools: Public & Private)  
 as of 01/11/20

OVERALL	Count	%
Total (12 months & older)	13781	
<b>MMR 1 complete</b>	<b>13656</b>	<b>99</b>
<b>Need MMR1</b>	<b>125</b>	<b>1</b>
Total (4 years & older)	12686	
<b>MMR 1 &amp; 2 complete</b>	<b>12161</b>	<b>96</b>
<b>Need MMR2</b>	<b>525</b>	<b>4</b>

- January 20 – 24, 2020: Vaccination sites DHSS Bldg at Utulei, Leone Health Clinic, Tafuna Health Clinic and Fagaalu Well Baby clinic remain open.

### Contact Tracing and Active Monitoring:

- Case investigation and contact tracing is conducted on all suspected and confirmed cases. A list of individuals that may have come in contact with these cases, during infectious period, is generated.
- MMR vaccination history of each individual is scrutinized. If a person has no history of MMR, a dose was administered.
- From the 12 confirmed cases and 3 suspected cases, ASDOH EpiNet Team has conducted contact tracing on:

	Total Count / Current Week
Total number of Contacts:	314 / 34
Number of Contact who already have MMR:	230 / 33
Number of MMR Administered:	82 / 1
<b>Number of Contacts on Active Monitoring List:</b>	<b>25 / 4</b>

- ASDOH continues to actively monitor 4 individuals from 3 different villages.

### Border Control:

- Am. Samoa continues to monitor all inbound travelers from Apia, Samoa and Kingdom of Tonga for evidence of immunity against measles. All travelers without evidence of MMR vaccine or laboratory confirmation of measles immunity will not be returned to their last port of departure.
- For travelers from these destinations with recent MMR vaccination, there is a required 14 day waiting period from the date of vaccination and date of departure.
- Entry permits for travelers with passports from Apia, Samoa and Kingdom of Tonga are subject to a 14 day review period. Travelers from other destinations, via Apia, Samoa and Kingdom of Tonga, entry permits are subject to a 30 day review period.

### Communications

- Public Service Announcements are updated to reflect updated Public Health Emergency proclamation and vaccination site schedules
- Am. Samoa conducts weekly update briefs at the Territorial Emergency Operations Center to update the Governor and Cabinet members. Briefings are also televised for public viewing.
- Unified Health Command meet weekly on Saturdays to update health officials and providers

### Laboratory

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

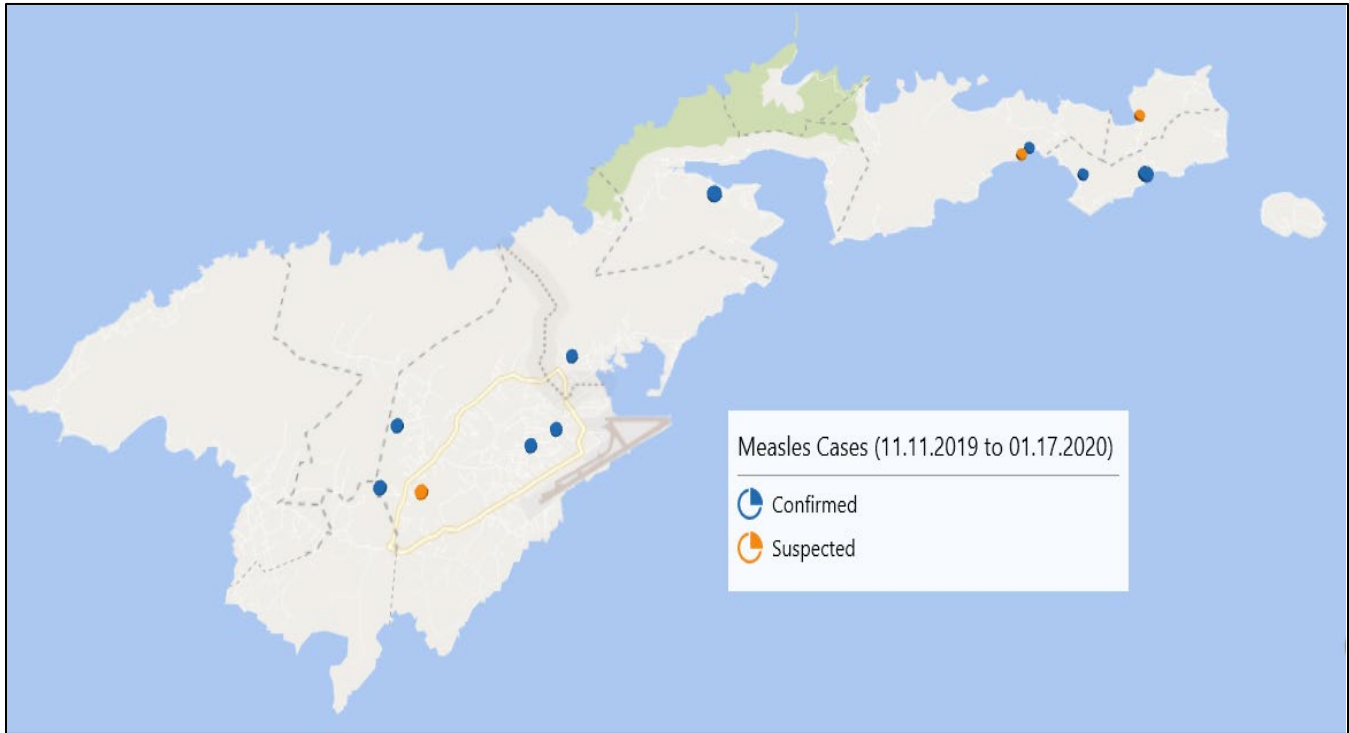
- **Confirmed cases: 12**
- Total Samples collected for testing: 37 Nasopharyngeal samples collected for testing at Hawaii State Lab
- Total Samples tested at Hawaii State Lab: 34
  - Results: **Positive: 12**, Negative: 22
- Total Samples pending: 3 Hawaii State Lab

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**.

**Distribution of Confirmed & Suspected Measles Cases by Location, Am. Samoa, January 17, 2019**



**Epidemiology Curve November 9 – January 17, 2020**

