



Ministry of Health

Commonwealth Heads of Government

Daily Situation Report No.1



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INTRODUCTION

Under the Samoa Health Ordinance 1959 (Public Health) health professionals and labs are required to report cases or clusters of notifiable diseases. All health professionals at health facilities are required to notify syndromes/diseases according to national communicable disease surveillance and control guideline. Surveillance and reporting on these diseases allows for rapid detection of/response to public health threats, and monitoring of disease trends. The Health Security & Disease Surveillance Division coordinates surveillance and reporting on notifiable diseases. Enhanced surveillance measures, including multisource surveillance, strengthening laboratory testing and referral, monitoring at point of entry, 24/7 call center, social listening monitoring were established in preparation for CHOGM. The report was prepared as a collaborative effort of all health professionals supporting CHOGM and is a work in progress. We thank all contributors to communicable disease surveillance.

SITUATION SUMMARY

Sites reporting

- 20 surveillance sites are under monitoring during this week.
 - Existing sentinel sites (14) began enhanced surveillance as of 7th Oct.
 - CHOGM clinics (6) to resume surveillance activities beginning 21st.
- 13 of 14 surveillance sites have reported: 92,9% completeness. TTM Paeds closed during the weekend.

Consultations

- Consultations reflect the number of patients seen at each health facility. 989 consultations observed across 13 surveillance sites, 13,3% increase from the day prior.

Syndromes/Conditions

- ILI: 87.6% increase in influenza-like illness cases observed on 19th Oct. Threshold exceeded at MTIIH, TTMH APCC, TTMH ED, and Poutasi DH.
- SARI: Two cases detected at MTIIH.
- Diarrhoea: 5.9% of consultations presented with diarrhoea.
- Dengue-like Illness: one case detected.

Notifiable Conditions

- No notifiable conditions detected for the period of 19th October, 2024.

Table 1: Reporting sentinel sites under enhanced surveillance

Sentinel Sites	SITE	Reported	No. of consultations
Saanapu HC	National	✓	36
Faleolo HC	National	✓	22
Foailalo DH	National	✓	44
Lalomanu DH	National	✓	38
Leulumoega DH	National	✓	118
Lufilufi HC	National	✓	49
MTIIH	National	✓	174
Poutasi DH	National	✓	52
Safotu DH	National	✓	25
Sataua DH	National	✓	32
Satupaitea HC	National	✓	30
TTMH APCC	National	✓	272
TTMH ED	National	✓	97
Total			989

SIGNALS & EVENTS

Table 2: Signals and events identified and actions taken during CHOGM enhanced surveillance period

No	Date of Report	Surveillance source	Disease/condition/event	Signal description	Actions taken	Risk Assessed
1	19 October, 2024	Syndromic surveillance	SARI	As of 19 October, two cases reported at MTIIH, exceeding alert threshold. Surveillance team conducting verification.	Investigation	Low

Detailed Description

- **Two SARI cases at MTIIH:** male, 91, admitting with acute febrile illness and lower respiratory tract infection; female, 74, mobile with low respiratory respiratory infection. Following the notification, RRT conducted event verification. Samples collected for testing. Awaiting results.
 - Awareness sessions planned to inform public of preventative measures to take if experiencing signs and symptoms
 - RDT testing circulated to CHOGM clinics to encourage testing of individuals experiencing symptoms

SYNDROMIC SURVEILLANCE (excluding ILI, SARI, & Dengue)

Syndromic Surveillance System has a total of 20 sentinel sites and 15 syndromes under monitoring. Sites in Upolu include TTM Hospital, Lufilufi Health Center, Leulumoeaga District Hospital and Lalomanu District Hospital. For CHOGM, the following sites have also been established: Return to Paradise (Lefaga), Sheraton Samoa Aggie Grey's Hotel and Bungalows, Sheraton Samoa Beach Resort (Mulifanua), Sinaiei Reef Resort (Siumu), Taumeasina Island Resort. In Savaii, sites include MTII Hospital, Safotu District Hospital, Sataua District Hospital and Foailalo District Hospital.

Syndromes with alert threshold exceeded are highlighted in red.

Saturday, October 19, 2024

989

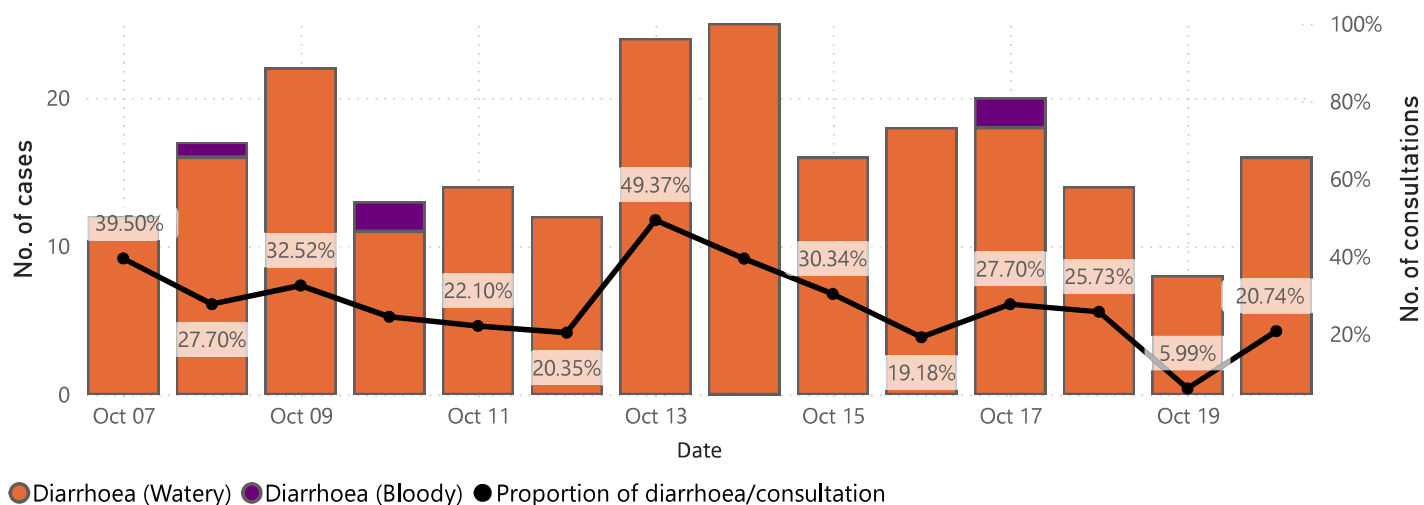
Date of presentation

No. of consultations

Table 3: Number of consultations and syndromic cases per sentinel site

Clinic	No. of consultations	Prolonged fever	Acute fever and rash	Acute flaccid paralysis	Neonatal tetanus	General rash	Prolonged cough	Acute fever and neurological symptoms	Heat related illnesses	Alcohol / drug/ toxin related illness and injury	Unusual health event
TTMH ED	97	0	0	0	0	0	0	0	0	0	0
TTMH APCC	272	0	0	0	0	1	0	0	0	0	0
Satupaitea HC	30	0	0	0	0	0	0	0	0	0	0
Sataua DH	32	0	0	0	0	0	0	0	0	0	0
Safotu DH	25	0	0	0	0	0	0	0	0	0	0
Poutasi DH	52	0	0	0	0	0	0	0	0	0	0
MTIIH	174	0	0	0	0	0	0	0	0	0	0
Lufilufi HC	49	0	0	0	0	0	0	0	0	0	0
Leulumoeaga DH	118	0	0	0	0	2	0	0	0	0	0
Lalomanu DH	38	0	0	0	0	0	0	0	0	0	0
Foailalo DH	44	0	0	0	0	0	0	0	0	0	0
Faleolo HC	22	0	0	0	0	0	0	0	0	0	0
Saanapu HC	36	0	0	0	0	0	0	0	0	0	0
Total	989	0	0	0	0	3	0	0	0	0	0

Watery, bloody diarrhoea, and proportion of consultation, 7th Oct 2024-present



RESPIRATORY

ILI Case Definition: An acute respiratory infection with a history of fever or measured fever of $\geq 38\text{ C}^\circ$ and cough, with onset within the last 10 days

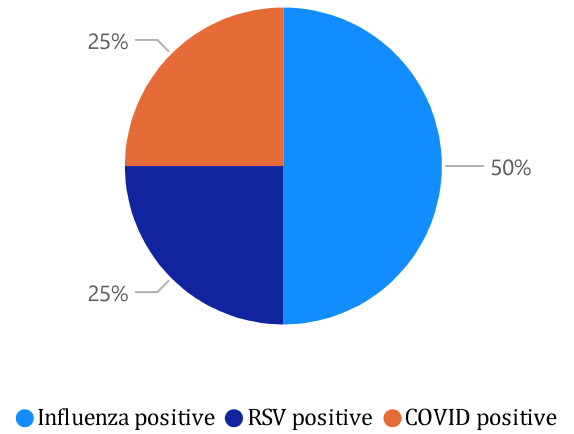
Alert threshold: Doubling cases from day prior per surveillance site

SARI Case Definition: An acute respiratory infection with a history of fever or measured fever of $\geq 38\text{ C}^\circ$ and cough, with onset within the last 10 days, AND requiring hospitalization

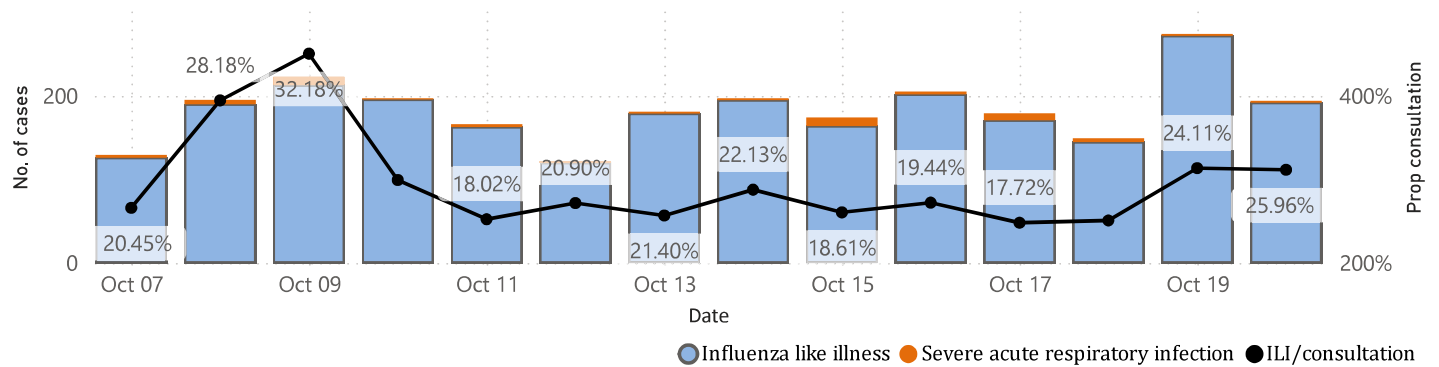
Alert threshold: ONE case

Clinic	ILI	% change in the past 24 hours	SARI	% change in the past 24 hours
Saanapu HC	25	56%	0	NaN
Faleolo HC	0	NaN	0	NaN
Foailalo DH	5	67%	0	NaN
Lalomanu DH	7	75%	0	NaN
Leulumoega DH	23	-15%	0	NaN
Lufilufi HC	25	39%	0	NaN
MTIIH	64	137%	2	100%
Poutasi DH	12	200%	0	NaN
Safotu DH	0	NaN	0	NaN
Sataua DH	3	50%	0	NaN
Satupaitea HC	1	0%	0	NaN
TTMH APCC	59	211%	0	NaN
TTMH ED	48	153%	0	-100%
Total	272		2	

Cumulative positive respiratory samples (Influenza, RSV, & COVID-19) since 7th Oct 2024, N=4



ILI, SARI cases and proportion of consultation

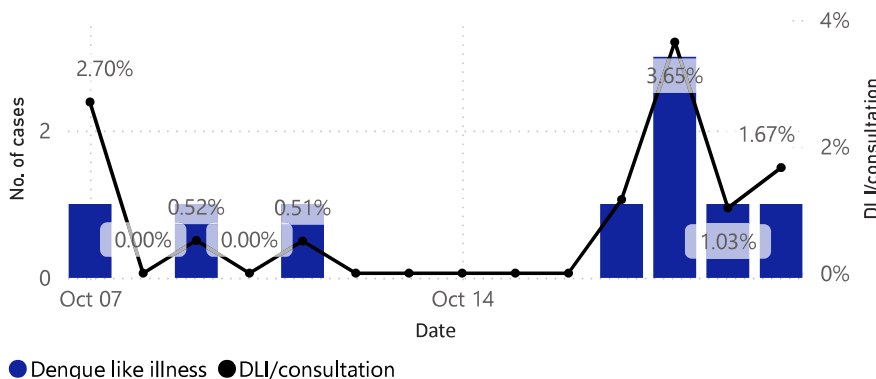


DENGUE

Case Definition: Fever ($\geq 38\text{ C}^\circ$) for at least 2 days, PLUS at least 2 of the following: Nausea or vomiting; Muscle or joint pain; Severe headache or pain behind the eyes; Rash; bleeding

Alert threshold: THREE cases per surveillance site

Dengue-like Illness and proportion of consultation, 7th Oct 2024-present



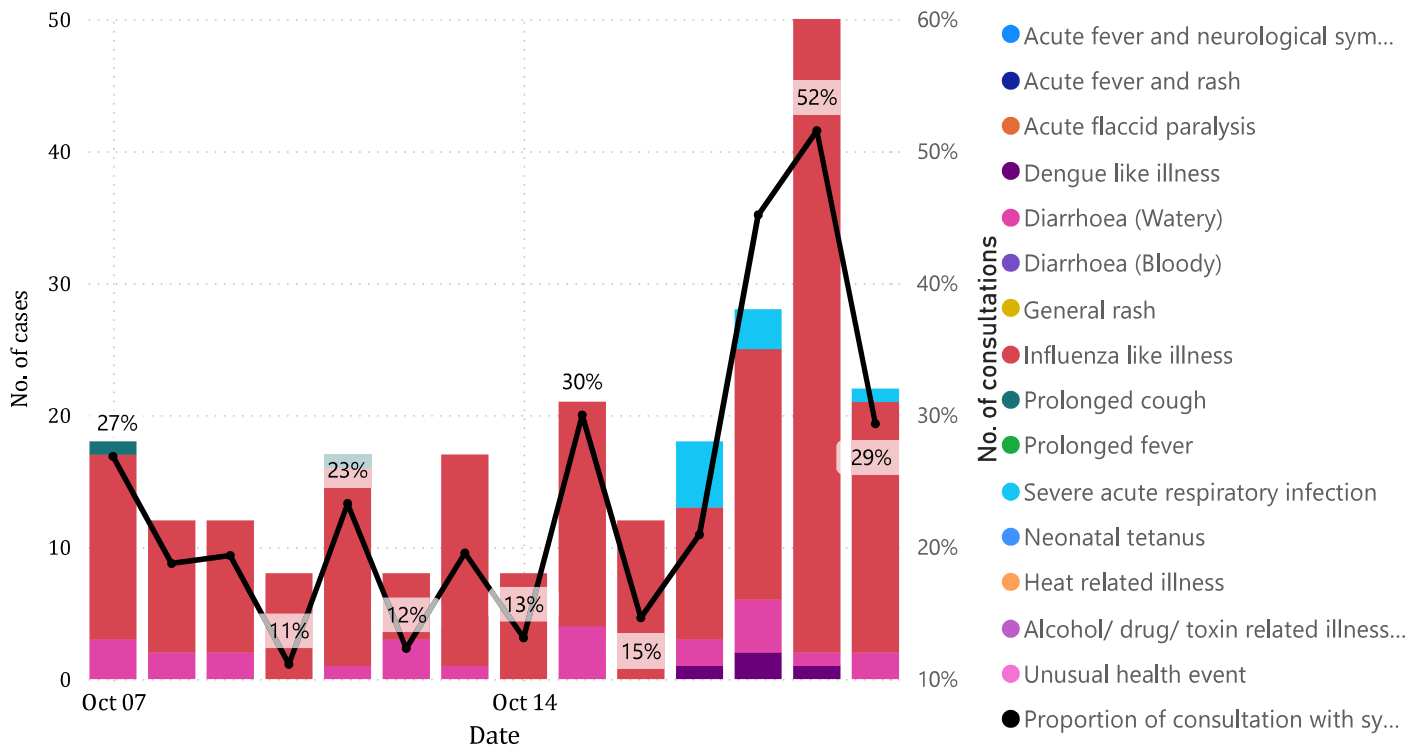
● Dengue like illness ● DLI/consultation

Clinic	Dengue like illness	Confirmed dengue
Faleolo HC	0	0
Foailalo DH	0	0
Lalomanu DH	0	0
Leulumoega DH	0	0
Lufilufi HC	0	0
MTIIH	0	0
Poutasi DH	1	0
Safotu DH	0	0
Sataua DH	0	0
Satupaitea HC	0	0
TTMH APCC	0	0
TTMH ED	0	0
Total	1	0

HOSPITAL

Hospital capacity surveillance has been established in an effort to strengthen resilience of healthcare system during CHOGM. Bed capacity data and presentations is collected to monitor occupancy and presentations of patients managed at TTM emergency department.

TTM Emergency Department: No. of consultations and presentation



ONGOING SURVEILLANCE/RESPONSE ACTIVITIES

Surveillance

- Ongoing syndromic surveillance monitoring
- Establishing respiratory testing and surveillance for CHOGM sites

Risk Communication and Community Engagement

- Ongoing social listening and media monitoring
- Sexual and reproductive health booths established
- **24/7 Toll Free Call Center Operational: 800-6440**

Port Health

- Established monitoring of arrival screening forms on 7th Oct. Ongoing screening all travelers with signs/symptoms and referral to Faleolo

Environmental Health

- Vector surveillance conducted at all venues and accommodation

RECOMMENDATIONS

1. Encourage testing of any dengue-like illness during CHOGM due to the presence of vector in Samoa and CHOGM participating countries
2. All sites are encouraged to conduct random sampling of a subset of influenza-like illness cases.
3. Risk communication to raise awareness on preventative measures for respiratory signs/symptoms.
4. Reminder style messaging for COVID19 boosters and flu shots, especially those who are 60+ years of age, immunocompromised, or with chronic health conditions.
5. Health promotion booths to be established to promote practicing safe sex and prevention of STI's including HIV and Mpx. Condoms are available at all health facilities. Testing for HIV and STI's is available at Communicable Disease Clinic at TTMH, Moto'otua ph: 66700 & MTII, Savaii, ph: 53511
6. Health facilities are encouraged to work with Ministry of Police & Prison Services regarding cases of substance abuse (drug and alcohol) which may increase during the week of the CHOGM.