



# Ministry of Health

## Commonwealth Heads of Government

### Daily Situation Report No.2



**Date of report:** 21st October, 2024  
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**Distribution:** **EXTERNAL**

**Reporting period:** 12:00AM 20th October-12:00AM 21st October  
**Tel:** 66506/66507  
**Prepared by:** Health Security & Disease Surveillance Division

#### INTRODUCTION

Under the Samoa Health Ordinance 1959 (Public Health) through the national communicable disease surveillance and control guideline, health professionals are required to report cases or clusters of notifiable diseases. 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

- 20 surveillance sites
  - National sentinel sites (14) began enhanced surveillance as of 7th Oct. Reporting is 12AM-12AM
  - CHOGM clinics (4/6) resume surveillance monitoring beginning 20th Oct. Reporting is 6PM-6AM.
- As of 20th Oct, 16/16 surveillance sites have reported: 100% completeness. TTM paediatrics and Saanapu closed on Sunday.

##### Consultations

- Consultations reflect the number of patients seen at each health facility.
- 785 consultations observed from 16 sites, 26% decrease from the past 24 hours.

##### Syndromes/Conditions

- **Dengue-like illness (DLI):** 1 case reported at Poutasi DH.
- **General Rash:** 3 cases reported from Lufilufi HC, Poutasi DH, and TTMH APCC.
- **ILI:** Number of influenza-like illness decreased from the past 24 hours. Threshold exceeded at Poutasi DH, Sataua DH, and Satupaitea HC.
- **SARI:** 2 cases detected at Lufilufi HC and TTMH ED.

##### Notifiable Conditions

- No suspected Mpox detected to date.

Table 1: Reporting sentinel sites under enhanced surveillance

Sentinel Sites	Reported	No. of consultations
TTMH APCC	✓	243
MTIIH	✓	105
Leulumoega DH	✓	98
TTMH ED	✓	75
Poutasi DH	✓	60
Lufilufi HC	✓	43
Lalomanu DH	✓	35
Sataua DH	✓	30
Safotu DH	✓	27
Satupaitea HC	✓	26
Faleolo HC	✓	21
Foailalo DH	✓	20
CHOGM Amanaki	✓	1
CHOGM Ward	✓	1
CHOGM RTParadise	✓	0
CHOGM Sheraton Bungalows	✓	0
CHOGM Sheraton Mulifanua	✓	0
CHOGM Taumeasina	✓	0
<b>Total</b>		<b>785</b>

Table 1: Signals and events under monitoring

Date of Report	Disease/condition	Description	Risk assessed
10/19/24	SARI	2 SARI cases from MTIIH: Male, 91, admitting dx AFI & LRTI, unknown asthma. Female, 74, hypertension, LRTI. Surveillance team conducting verification. Samples taken and awaiting results.	Low
10/20/24	Rotavirus	1 case: male, 2 years, with AGE, confirmed positive for Rotavirus. Pending vaccination status. Patient and family advised on hand hygiene practices and vaccination.	Low
10/20/24	SARI	2 SARI cases: (1) 1 case from TTMH ED, male, 80 yrs with pneumonia. (2) One case from Lufilufi DH, male, 67 yrs with comorbidities.	Low
10/20/24	Chickenpox	3 cases: reported from TTMH APCC, TTMH ED, and Lufilufi HC. Potential increase in chicken pox observed in the previous two weeks since initiation of enhanced surveillance. RRT gathering further information from reporting health facilities.	Low

## SYNDROMIC SURVEILLANCE (excluding ILI, SARI, & Dengue)

Syndromic Surveillance System has a total of 20 sentinel sites and 15 syndromes under monitoring.  
**Syndromes with alert threshold exceeded are highlighted in red.**

20 October, 2024

785

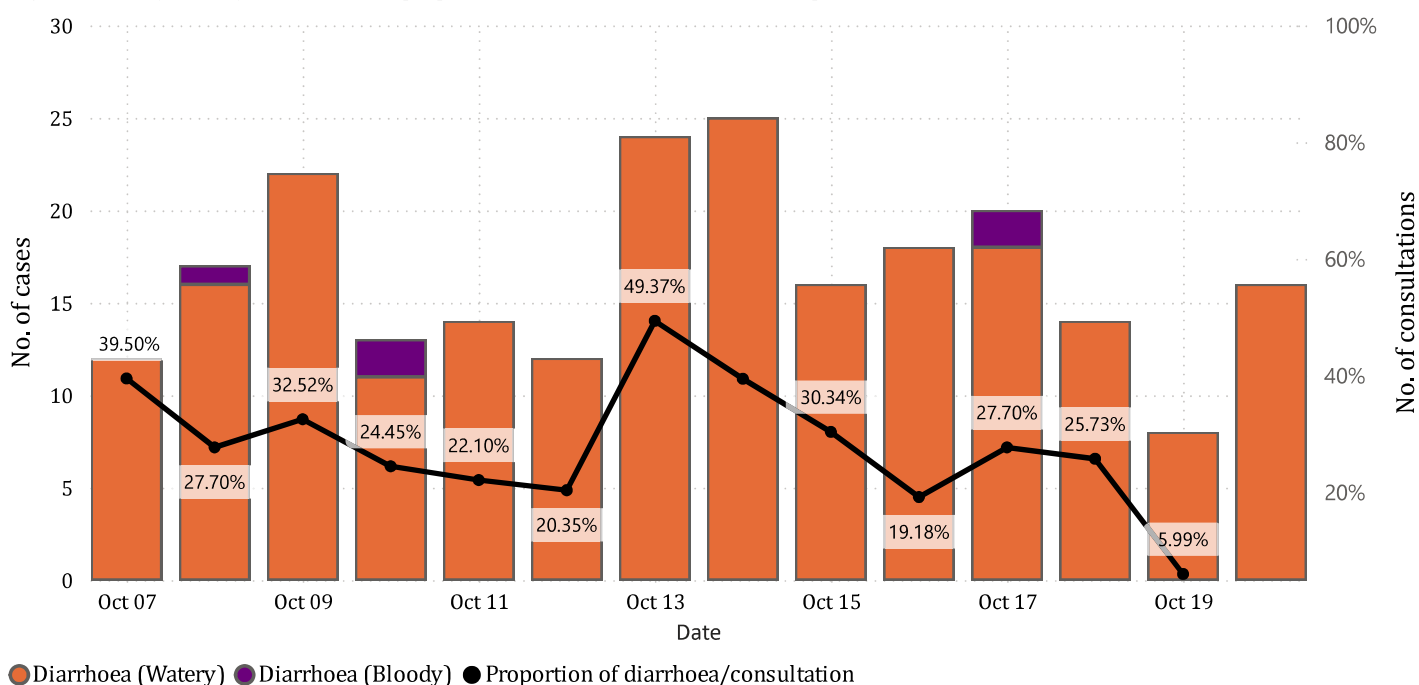
Date of presentation

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
TTMH ED	75	0	0	0	0	0	0	0	0	0
TTMH APCC	243	0	0	0	0	1	0	0	0	0
Satupaitea HC	26	0	0	0	0	0	0	0	0	0
Sataua DH	30	0	0	0	0	0	0	0	0	0
Safotu DH	27	0	0	0	0	0	0	0	0	0
Poutasi DH	60	0	0	0	0	1	0	0	0	0
MTIIH	105	0	0	0	0	0	0	0	0	0
Lufilufi HC	43	0	0	0	0	1	0	0	0	0
Leulumoega DH	98	0	0	0	0	0	0	0	0	0
Lalomanu DH	35	0	0	0	0	0	0	0	0	0
Foailalo DH	20	0	0	0	0	0	0	0	0	0
Faleolo HC	21	0	0	0	0	0	0	0	0	0
CHOGM Ward	1	0	0	0	0	0	0	0	0	0
CHOGM Taumeasina	0	0	0	0	0	0	0	0	0	0
CHOGM Sheraton Mulifanua	0	0	0	0	0	0	0	0	0	0
CHOGM Sheraton Bungalows	0	0	0	0	0	0	0	0	0	0
CHOGM RTParadise	0	0	0	0	0	0	0	0	0	0
CHOGM Amanaki	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Figure 1: 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  $\geq 38\text{ }^{\circ}\text{C}$  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  $\geq 38\text{ }^{\circ}\text{C}$  and cough, with onset within the last 10 days, AND requiring hospitalization  
**Alert threshold:** ONE case

Table 4: ILI, SARI, and percent change in the past 24 hours

Clinic	ILI	% change in the past 24 hours	SARI	% change in the past 24 hours
TTMH ED	19	-60%	1	Infinity
TTMH APCC	21	-64%	0	NaN
Satupaitea HC	5	400%	0	NaN
Sataua DH	5	67%	0	NaN
Safotu DH	0	NaN	0	NaN
Poutasi DH	34	183%	0	NaN
MTIIH	34	-47%	0	-100%
Lufilufi HC	26	4%	1	Infinity
Leulumoega DH	34	48%	0	NaN
Lalomanu DH	5	-29%	0	NaN
Foailalo DH	1	-80%	0	NaN
Faleolo HC	8	Infinity	0	NaN
CHOGM Ward	0	NaN	0	NaN
CHOGM Taumeasina	0	NaN	0	NaN
CHOGM Sheraton Mulifanua	0	NaN	0	NaN
CHOGM Sheraton Bungalows	0	NaN	0	NaN
CHOGM RTParadise	0	NaN	0	NaN
CHOGM Amanaki	1	Infinity	0	NaN
<b>Total</b>	<b>193</b>		<b>2</b>	

Figure 2: Number of tests and lab confirmed Influenza A, B, COVID-19, and RSV, 7th Oct, 2024-present

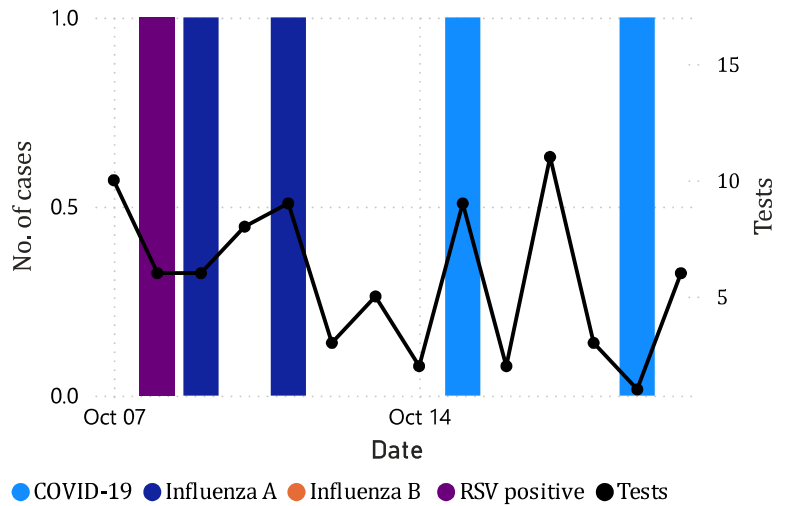
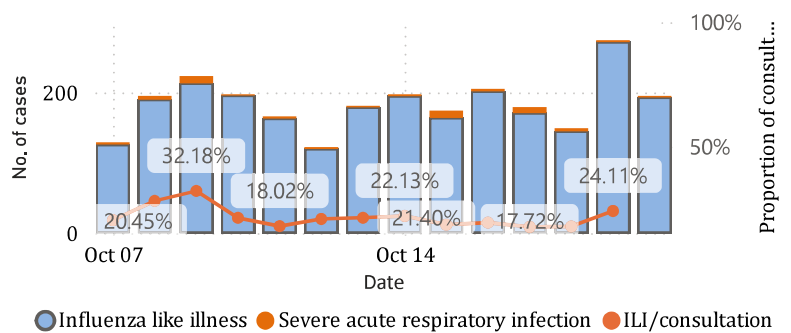


Figure 3: ILI, SARI cases and proportion of consultation



## DENGUE

**Case Definition:** Fever ( $\geq 38\text{ }^{\circ}\text{C}$ ) 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

Figure 4: Dengue-like Illness and proportion of consultation, 7th Oct 2024-present

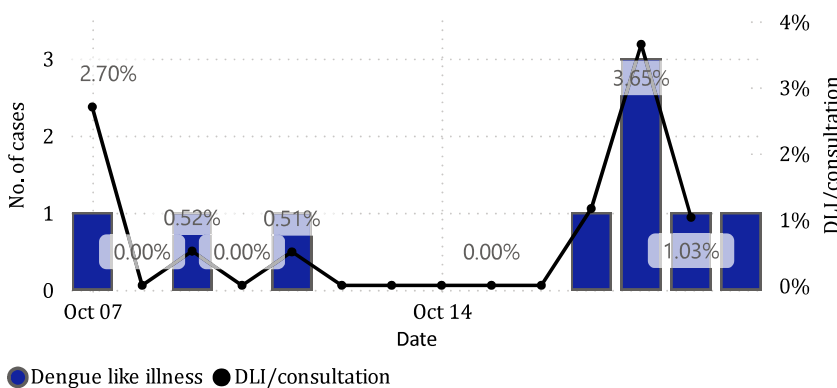


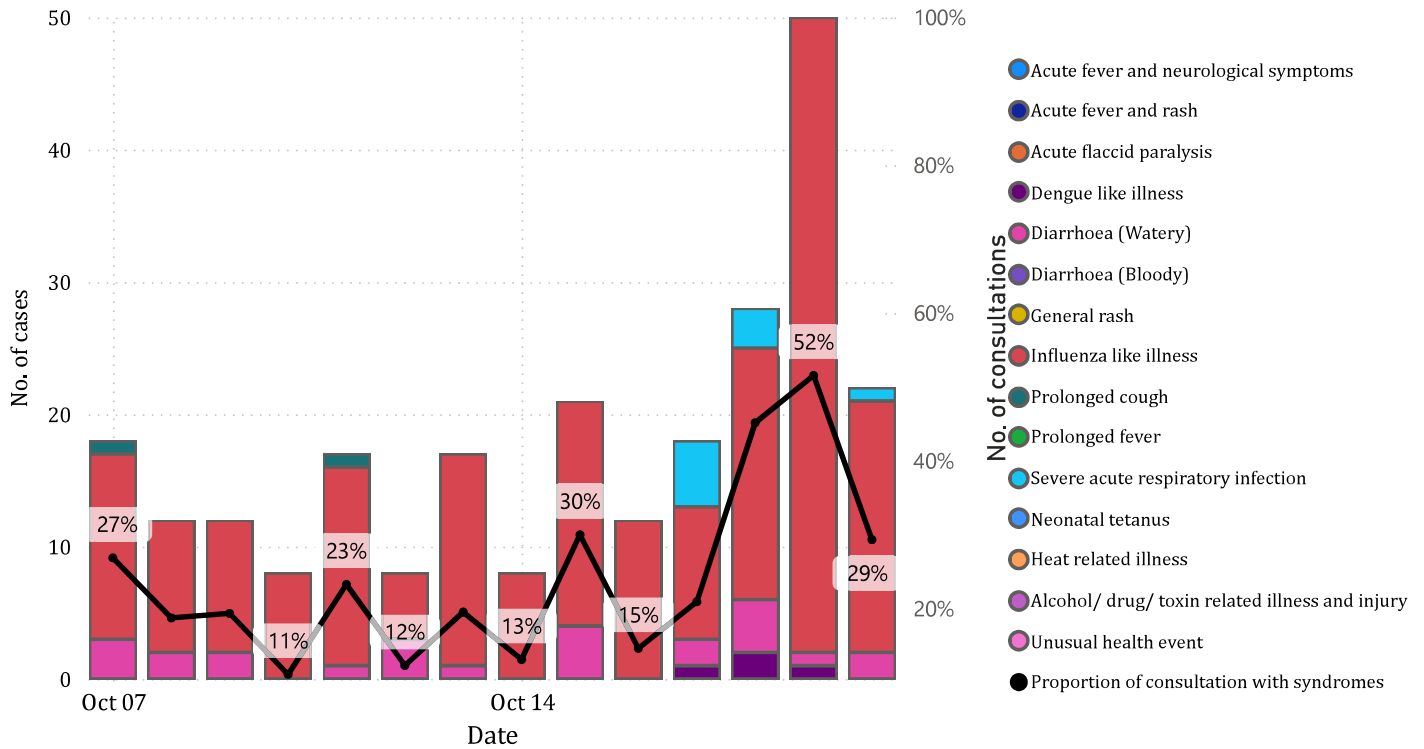
Table 5: DLI and confirmed dengue

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

## 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.

Figure 5: TTM Emergency Department: No. of consultations and presentation



## CALL CENTER

Figure 6: Number of calls by date received

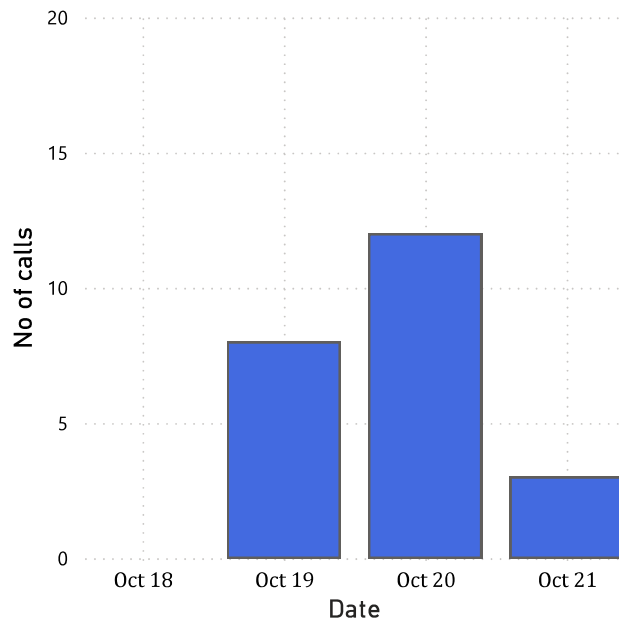
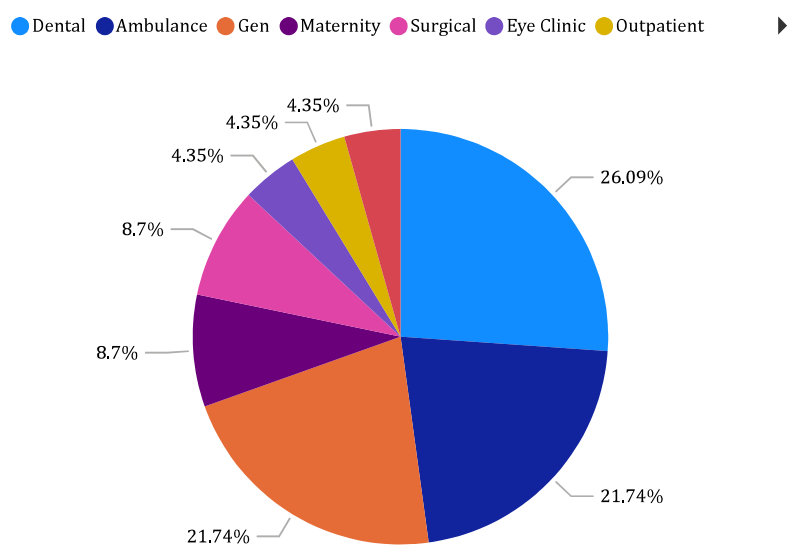


Figure 7: Cumulative number of calls received by subject of call



## RECOMMENDATIONS

1. RRT to be deployed to investigate chicken pox cases at health facility.
2. All SARI cases to be tested for flu, COVID-19, and RSV. RDTs available at CHOGM sites and PCR available at TTMH and MTIHH.
3. Follow up with EPI team to review vaccination coverage for rotavirus.
4. Testing is available for rotavirus and Mpox.