



Ministry of Health Commonwealth Heads of Government Daily Situation Report No.5



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Reporting period: 12:00AM 23rd October-12:00AM 24th October
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INTRODUCTION

Under the Samoa Health Ordinance 1959, 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 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

- 21 surveillance sites
 - National sentinel sites (14) began enhanced surveillance as of 7th Oct. Reporting is 12AM-12AM.
 - CHOGM clinics (7) resume surveillance monitoring beginning 20th Oct. Reporting is 6AM-6AM.
 - CHOGM mobile teams are available during meeting sessions.
- As of 23rd Oct, 21/21 surveillance sites have reported including CHOGM clinics: 100% completeness.

Consultations

- Consultations reflect the number of patients seen at each health facility/CHOGM clinics.
- 883 consultations observed. 20.3% increase from the past 24 hours.
- TTMH ED (93%) and Neonatal ICU (180%) is at max capacity. NICU capacity due to newborns requiring observation.

Syndromes/Conditions

- **General Rash:** 10 cases reported from TTMH Paeds, TTMH APCC, MTIIH, Leulumoega DH, and Lalomanu DH. Cases are mostly chicken pox and allergic reaction.
- **Prolonged Fever:** 1 case from Foailalo DH.
- **ILI:** 5% decrease from the past 24 hours. Threshold exceeded at MTIIH and Satupaitea HC.
- **SARI:** 3 cases detected at TTMH Paeds, MTIIH, and Safotu DH.

Urgent Notifiable Conditions

- No suspected Mpox detected to date. Testing is available.

Table 1: Consultation per sentinel surveillance site

Sentinel Sites	Reported	No. of consultations
TTMH Paeds	✓	54
TTMH ED	✓	61
TTMH APCC	✓	199
Satupaitea HC	✓	41
Sataua DH	✓	29
Safotu DH	✓	46
Saanapu HC	✓	25
Poutasi DH	✓	51
MTIIH	✓	165
Lufilufi HC	✓	28
Leulumoega DH	✓	80
Lalomanu DH	✓	27
Foailalo DH	✓	37
Faleolo HC	✓	12
CHOGM Ward TTMH	✓	8
CHOGM Taumeasina	✓	2
CHOGM Sinalei Reef Resort	✓	0
CHOGM Sheraton Mulifanua	✓	4
CHOGM Sheraton Bungalows	✓	5
CHOGM RTParadise	✓	5
CHOGM Mobile Team 1	✓	0
CHOGM MC - St Therese	✓	0
CHOGM MC - MJCA	✓	4
CHOGM Amanaki	✓	0
Total		883

Table 2: Signals and events under monitoring

Date of Report	Disease/condition	Description	Risk assessed	Status
10/22/24	Hand Foot Mouth Disease	1 case: General rash suspected of HFMD from Foailalo DH: F/5yo with day 3 of multiple boils on face, hands and legs. Surveillance team is conducting investigation. Sample collection to rule out HFMD 24/10/2024.	Low	Open
10/22/24	SARI	1 case: SARI case reported from Foailalo DH, F, 8 years old with high-grade fever; whooping cough, mild sob and runny nose that started 1 week prior). Tested negative on COVID-19 RDT. RRT prompting sample collection to rule out other respiratory pathogens.	Moderate	Open
10/23/24	Typhoid	1 case: prolonged fever presented at Foailalo DH, suspected for typhoid, Blood samples were collected. Surveillance team to conduct case investigation.	Low	Open
10/23/24	Respiratory	As of 23rd October, 15 pneumonia cases reported from TTMH paeds. 4 confirmed RSV. Surveillance team conducted investigation on the remaining. TTMH paeds to sample pneumonia cases for RSV testing.	Moderate	Open

CLINICAL/MINISTRY OF HEALTH SAMOA EMERGENCY MEDICAL ASSISTANCE TEAM (SEMAT) UPDATE

CHOGM clinics are established to provide care for CHOGM participants at both hotels and designated meeting venues. The Samoa Emergency Medical Assistance Team (SEMAT) and New Zealand Medical Assistance Team (NZMAT) joint teams are deployed to CHOGM clinics as needed.

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.

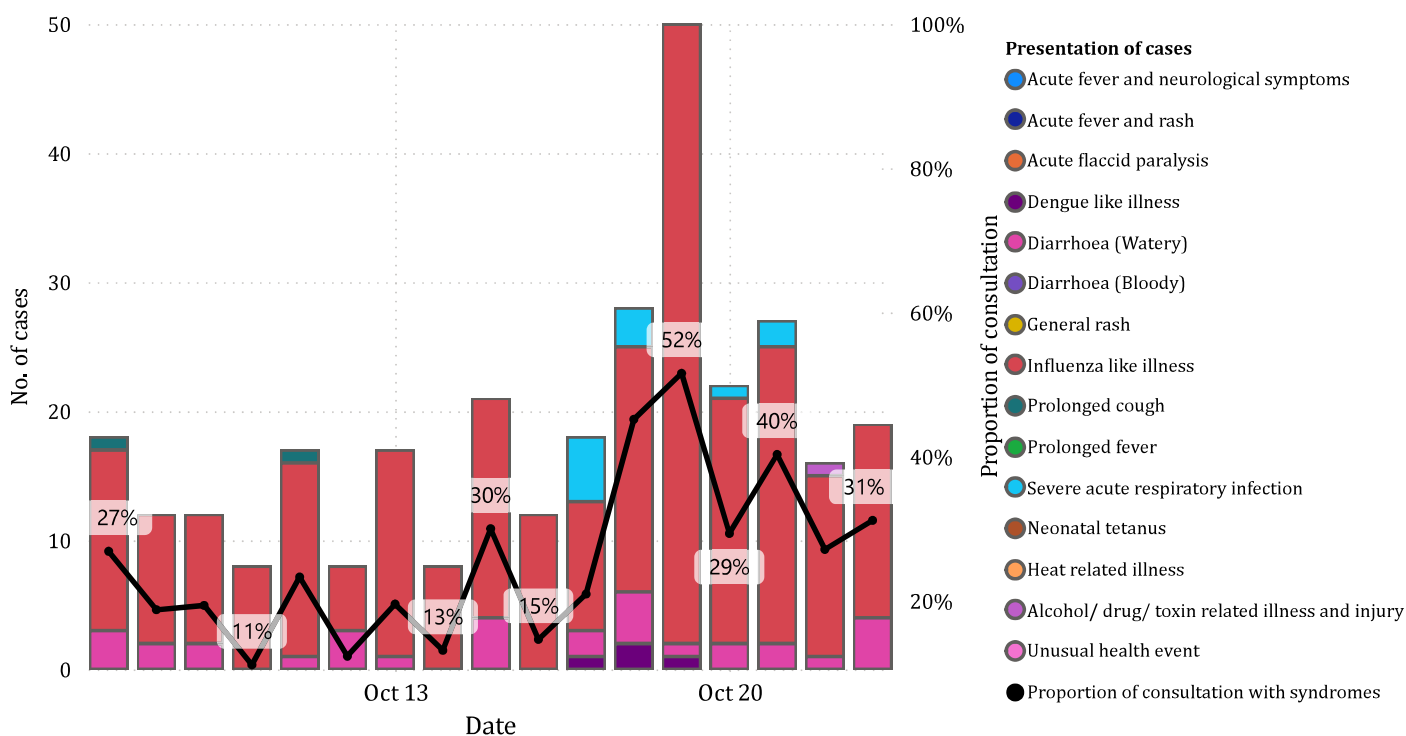
- Over the last 24 hours, 17 medical teams have been dispatched to the six-accommodation sites, the CHOGM Ward, and the venue for side events, including the two mobile teams.
- 28 consultations were conducted across various sites, resulting in 1 referral to the CHOGM Ward, 2 to the TTMH Emergency Department, and cases including 5 minor injuries, 2 instances of influenza-like illness, 2 cases of watery diarrhea, 1 requiring urgent intervention, and 17 minor ailments.
- 169 patients admitted at the TTM Hospital, 36 new admissions, and 17 discharged in the past 24 hours. The hospital occupancy rate stands at 72%.
 - 27 patients admitted at TTMH paediatrics ward, 17 of which are pneumonia cases.

Table 3: Bed occupancy and presentation at TTM Hospital Wards 7AM-7AM

Hospital/Ward	No. of beds	No. bed occupied	Bed occupancy %	No. of presentations	No. of deaths
TTMH NICU	10	18	180.00%		0
TTMH ED	14	13	92.86%	60	0
TTMH Medical Ward	40	35	87.50%		0
TTMH Surgical Ward	40	33	82.50%		0
TTMH Maternity	40	27	67.50%		0
TTMH Labour Ward	12	8	66.67%		0
TTMH Paediatrics Ward	43	27	62.79%		0
TTMH ICU	7	4	57.14%		1
Mental Health	10	4	40.00%		
TTMH CHOGM Ward	20	0	0.00%	8	
TTMH APCC				205	0

Note: One death reported in TTMH ICU was a Samoan resident

Figure 1: TTMH ED Proportion of consultations and types of presentation



SYNDROMIC SURVEILLANCE (excluding ILI, SARI, & Dengue)

Syndromic Surveillance System has a total of 21 sentinel sites and mobile clinics and 15 syndromes under monitoring. **Syndromes with alert threshold exceeded are highlighted in red.**

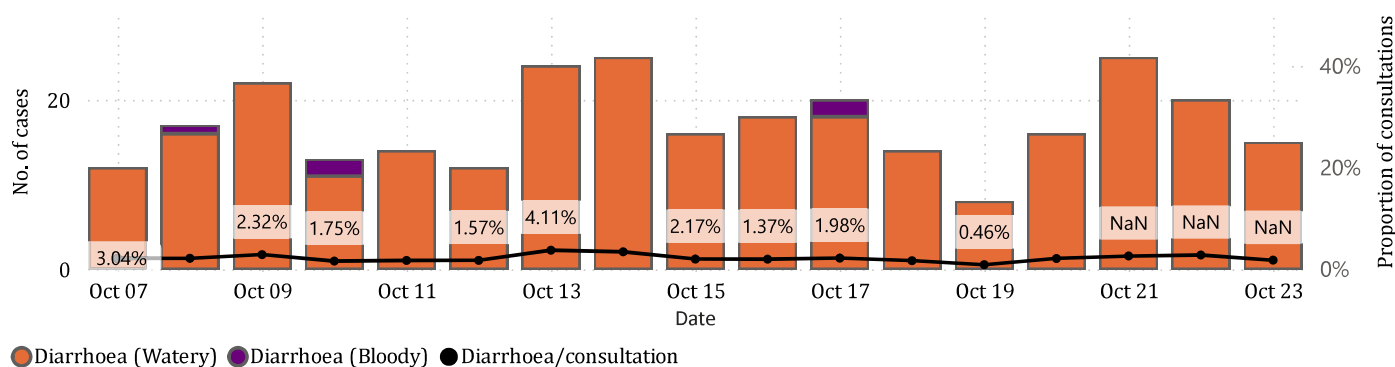
Date of presentation: 23 October, 2024

No. of consultation: 883

Table 4: 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 Paeds	54	0	0	0	0	4	0	0	0	0	0
TTMH ED	61	0	0	0	0	0	0	0	0	0	0
TTMH APCC	199	0	0	0	0	1	0	0	0	0	0
Satupaitea HC	41	0	0	0	0	0	0	0	0	0	0
Sataua DH	29	0	0	0	0	0	0	0	0	0	0
Safotu DH	46	0	0	0	0	0	0	0	0	0	0
Saanapu HC	25	0	0	0	0	0	0	0	0	0	0
Poutasi DH	51	0	0	0	0	0	0	0	0	0	0
MTIHH	165	0	0	0	0	3	0	0	0	0	0
Lufilufi HC	28	0	0	0	0	0	0	0	0	0	0
Leulumoega DH	80	0	0	0	0	1	0	0	0	0	0
Lalomanu DH	27	0	0	0	0	1	0	0	0	0	0
Foailalo DH	37	1	0	0	0	0	0	0	0	0	0
Faleolo HC	12	0	0	0	0	0	0	0	0	0	0
CHOGM Ward TTMH	8	0	0	0	0	0	0	0	0	0	0
CHOGM Taumeasina	2	0	0	0	0	0	0	0	0	0	0
CHOGM Sinalei Reef Resort	0	0	0	0	0	0	0	0	0	0	0
CHOGM Sheraton Mulifanua	4	0	0	0	0	0	0	0	0	0	0
CHOGM Sheraton Bungalows	5	0	0	0	0	0	0	0	0	0	0
CHOGM RTParadise	5	0	0	0	0	0	0	0	0	0	0
CHOGM Mobile Team 1	0	0	0	0	0	0	0	0	0	0	0
CHOGM MC - St Therese	0	0	0	0	0	0	0	0	0	0	0
CHOGM MC - MJCA	4	0	0	0	0	0	0	0	0	0	0
CHOGM Amanaki	0	0	0	0	0	0	0	0	0	0	0
Total	883	1	0	0	0	10	0	0	0	0	0

Figure 2: Watery, bloody diarrhoea, and proportion of consultation, 7th Oct 2024-present



RESPIRATORY DISEASES

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

Table 5: 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 Paeds	17	-41.38%	1	-50%
TTMH ED	15	7.14%	0	NaN
TTMH APCC	30	66.67%	0	NaN
Satupaitea HC	2	-33.33%	0	NaN
Sataua DH	2	Infinity	0	NaN
Safotu DH	1	Infinity	1	Infinity
Saanapu HC	4	-55.56%	0	NaN
Poutasi DH	4	-50.00%	0	NaN
MTIHH	40	17.65%	1	-50%
Lufilufi HC	10	-52.38%	0	NaN
Leulumoega DH	33	32.00%	0	NaN
Lalomanu DH	5	0.00%	0	NaN
Foailalo DH	0	-100.00%	0	-100%
Faleolo HC	1	-75.00%	0	NaN
CHOGM Ward TTMH	1	-100.00%	0	NaN
CHOGM Taumeasina	0	-200.00%	0	NaN
CHOGM Sinalei Reef Resort	0	NaN	0	NaN
CHOGM Sheraton Mulifanua	0	-200.00%	0	NaN
CHOGM Sheraton Bungalows	0	NaN	0	NaN
CHOGM RTParadise	1	NaN	0	NaN
CHOGM Mobile Team 1	0	NaN	0	NaN
CHOGM MC - St Therese	0	NaN	0	NaN
CHOGM MC - MJCA	0	NaN	0	NaN
CHOGM Amanaki	0	NaN	0	NaN
Total	166	NaN	3	

Figure 3: Number of tests and lab confirmed Influenza A, B, COVID-19, and RSV, 7th Oct, 2024-present

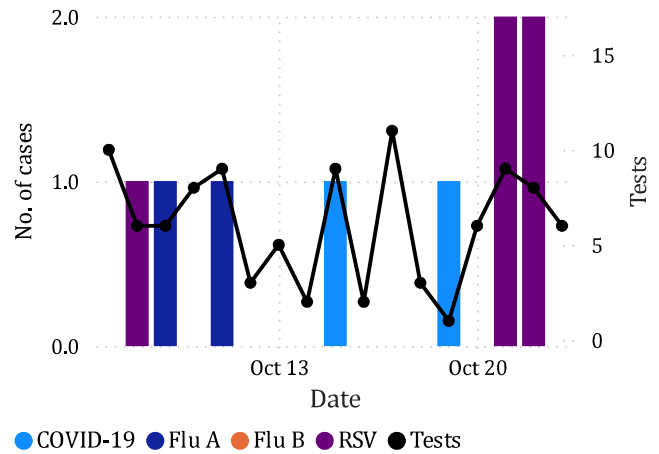
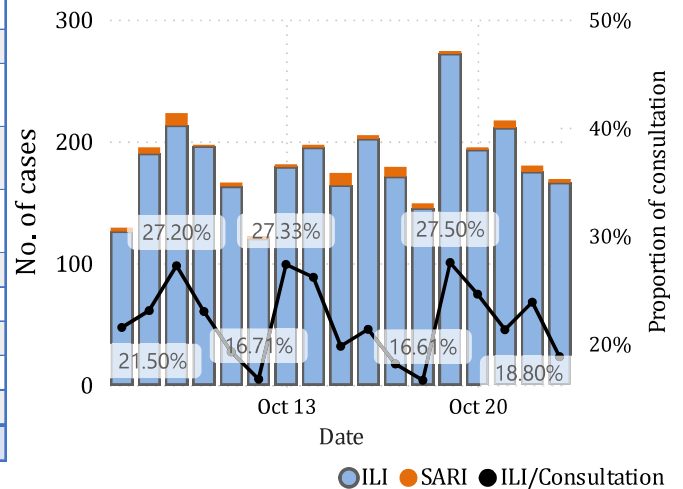


Figure 4: ILI, SARI cases and proportion of consultation

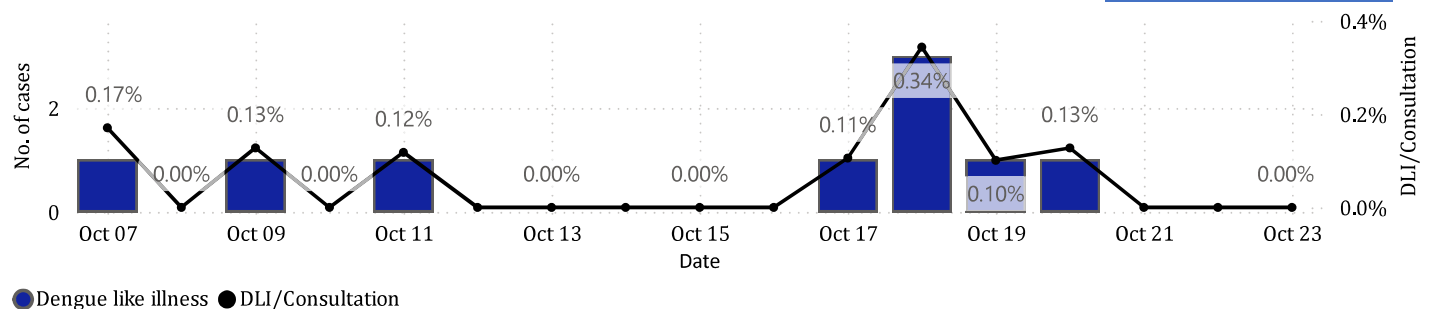


DENGUE

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

Dengue like illness	Confirmed Dengue
0	0

Figure 5: Dengue-like Illness and proportion of consultation, 7th Oct 2024-present



SOCIAL LISTENING & CALL CENTRE

Social listening analysis examines discourse related to health issues among social networks both interpersonal and via media platforms to provide rapid monitoring of emerging health concerns and rumours. Social listening mechanism has been activated in preparation for CHOGM. Call center is available 24/7 to monitor health information from the community,

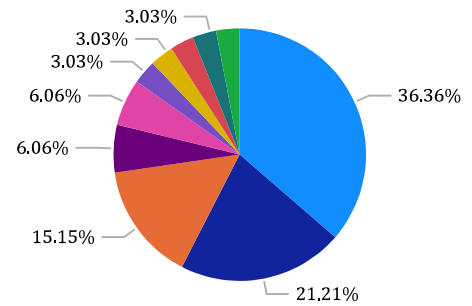
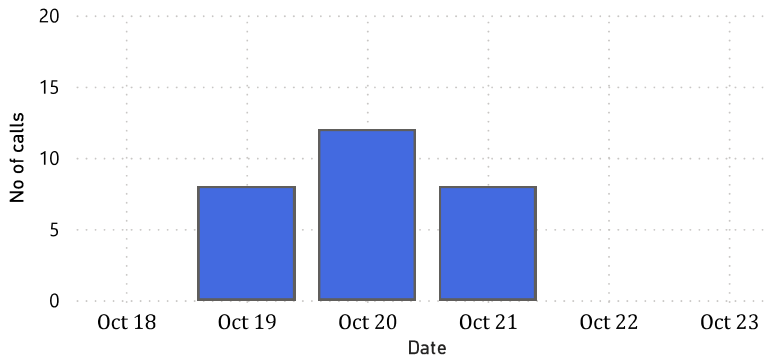
Figure 7: Cumulative number of calls received by subject of call

- Gen
- Dental
- Ambulance
- Maternity
- Surgical
- ENT
- Eye Clinic
- Outpatient
- Private clinic
- Vaccination

28

Total Calls

Figure 6: Number of calls by date received



Social Listening: Health related topics

1. A family from Tufulele without electricity and water reports having 6 children needing immunization services.
2. General praise for MOH's role in the CHOGM's NCD side event,
3. Mpox outbreak in Victoria Australia,
4. COVID-19 conspiracy theories circulating in Australia.

ONGOING RESPONSE ACTIVITIES

1. Rapid Response Team (RRT) conducted investigation for HFMD in MTIIH and sample collected.
2. Rapid Response Team (RRT) conducted investigation on RSV cases at TTMH Paeds. Testing of all Paeds pneumonia cases recommended.
3. From the 21st - 23rd Oct, a total of 40 inspections of sanitation facilities and environmental health assessment were conducted at all CHOGM venues and facilities. Issues identified have been addressed.
4. From the 21st - 23rd Oct, a total of 31 food safety inspections and monitoring were conducted at all CHOGM catering facilities including the registered food stalls for Samoa Business Hub at Maluafofou College. Corrective actions were taken to address identified concerns in accordance with the Food Act 2015.
 - a. Conducted inspections at 17 food businesses/caterers of which one was non-compliant.
 - b. Conducted inspections at 30 temporary food businesses registered for Samoa Business Hub of which 3 were non-compliant.
5. Health care waste bins have been distributed to all health facilities and CHOGM clinics. Waste is collected and disposed of appropriately.
6. 954 information Education & Communication (IEC) materials distributed from 7th October to 24th October.

RECOMMENDATIONS

1. Dispatch Rapid Response Teams to investigate suspected typhoid, SARI case at MTIIH, Hand foot and mouth disease, and potential increase in RSV at TTMH paeds.
2. Continue to test all SARI and pneumonia cases for influenza, COVID-19, and RSV. Rapid Diagnostic Tests (RDT) are available at CHOGM sites and PCR (respiratory panel) available at TTMH and MTIIH.
3. Ongoing public health actions on risk communication surrounding home care for common illnesses such as acute gastroenteritis & food poisoning, as well as respiratory illnesses (flu, COVID-19, RSV, etc.).
4. The Risk Communication and Community Engagement (RCCE) MOH working group continue to distribute communication materials, handle public queries via the MOH CHOGM call centre and conduct social listening to monitor emerging health concerns in the community and region.