

Surveillance Report

8

Report Date

24 November 2023

Surveillance activity from

2:00pm 17/11/2023 to 2:00pm 24/11/2023

Ministry of Health and Medical Services

## Key updates for the day

Name	Type	Daily total number encounter	Daily number of syndrome
Don Bosco Technical Institute	GOC clinic	9	0
King George VI school	GOC clinic	13	2
Polyclinic	GOC clinic	7	3
SINU Kukum campus	GOC clinic	1	0
SINU Panatina campus	GOC clinic	10	2
St Nicholas Anglican college	GOC clinic	0	
Tenaru school	GOC clinic	20	15
Burnscreek clinic	MHMS clinic	103	3
Good Samaritan Hospital	MHMS clinic	68	2
Kukum clinic	MHMS clinic	143	15
Mataniko clinic	MHMS clinic	67	6
National Referral Hospital-ED	MHMS clinic	17	2
Rove clinic	MHMS clinic	68	1
<b>Total</b>		<b>526</b>	<b>51</b>

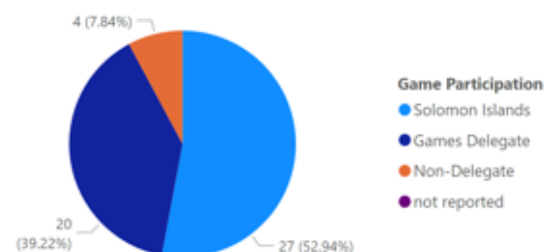
The sentinel sites in green submitted reports.

- All 13 (100%) sentinel sites reported
- 526 consultations; 51 (10%) reported syndromes
  - 15/51 (29%) are ILI cases
  - 15/51 (29%) are heat-related illness cases
  - 9/51 (37%) are diarrhoea cases
- 20/51 (39%) of reported syndromes are game delegates
- Increase in the number of heat-related illness, diarrhoea and dengue-like illness cases was noted.
- Most of the cases are in the age groups 10-19 (25%) and 20-29 (27%)

Syndromes	Daily distribution of cases per onset date	Cumulative number at 2:00pm	Daily count
Acute fever and jaundice		1	0 →
Acute fever and rash			
Acute gastroenteritis		23	0 ↓
Dengue-like illness		21	3 ↑
Diarrhoea		93	9 ↑
Heat-related illness		24	15 ↑
Influenza-like illness		140	15 ↓
Mumps		47	6 ↓
Prolonged fever		30	3 ↓
Other		3	0 →
<b>Total</b>		<b>382</b>	<b>51</b>

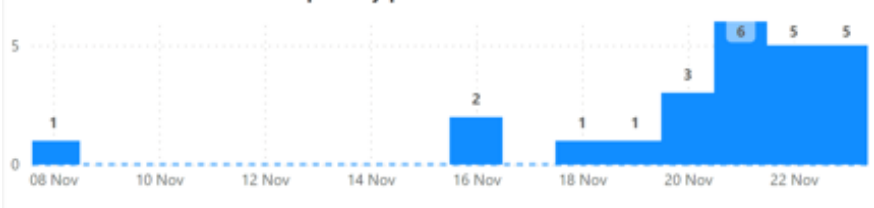
The arrow indicate daily trend in syndrome counts

## Daily syndrome distribution by game involvement



## Trend of key syndromes: Heat-related illness, diarrhoea and DLI

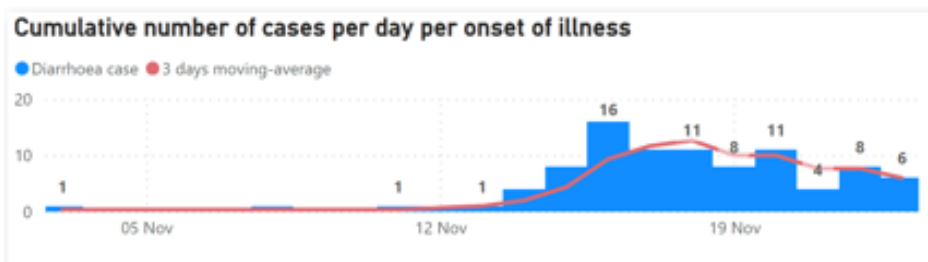
### Cumulative number of cases per day per onset of illness



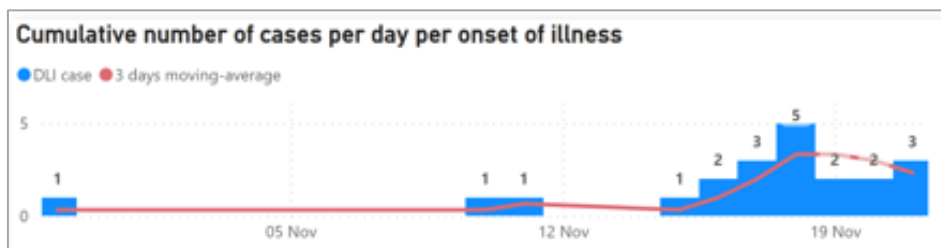
Cumulative trends on the daily heat-related illness cases per date of illness onset

## Heat-related illness

- All 15 cases reported for the day are from Tenaru GOC clinic sentinel site;
  - 15/51 (29%) are game delegates
- Cumulative total cases n=24
  - 13/24 (5%) cumulative case counts are females.
  - 8/24 (33%) cumulative case counts are the age group 20-29 years old



Cumulative trends on the daily diarrhoea cases per date of illness onset



Cumulative trends on the daily dengue-like illness cases per date of illness onset

## Diarrhoea

- 9 cases reported from 5 sentinel sites;
  - 1 case is a game delegate
- Cumulative total cases n= 93
  - There is equal ratio of male and female cases
  - Most diarrhoea cases are from 0-4 years (33%)

## Dengue-like illness (DLI)

- 3 cases reported from 2 sentinel sites;
  - 1 case is a game delegate
  - 2 cases are from Good Samaritan Hospital
- Cumulative total cases n=21
  - 12/21 (57%) of the cases are females.
  - 5/21 (24%) of the cases are in the age group 10-19

## Laboratory Surveillance

- Molecular confirmation of the RDT dengue positive sample reported yesterday could not be further tested due to insufficient volume of sample.
- All 6 buccal swabs and 5 serum samples were delivered to Solomon Air Cargo this morning to board today's afternoon flight to MDU-VIDRL, Melbourne.
- 1 stool sample from PolyClinic referred this afternoon to NRH Laboratory for testing for RDT Rota virus, microscopy for ova, cysts and parasites and culture

## Event-based Surveillance

Number of signals		5
Number of signals Classified as health event		4
Event of Characterization	Monitor	3
	Response	0
	Close	0
	Discard	2

Note: Event-based surveillance monitors media, social postings, rumours, etc. which may cause risk to health security.

- 4 of 5 signals are health-related events
- 3 signals are being monitored
- 2 signals investigated and discarded

## Public Health Response

- Laboratory specimen collected from suspected mumps cases are being shipped to MDU-VIDRL, Melbourne
- Ongoing key messaging for public on the preventive measures on diarrhoea, influenza-like illness (ILI) and heat-related illness by the MHMS Risk Communication team
  - To practice cough etiquette and hand hygiene, self-monitor and visit health facility if respiratory symptoms develop; stay home when sick; wear mask if symptomatic and if you have to be around with others.
  - Increase fluid intake when out and about use sunscreen, sunglasses and hat to protect against the sun
- Guidance on management of mumps cases to health-care workers and care-givers are being distributed

## Recommendations

- Close attention to the recommendations from the Environmental Health and Risk Communication Teams to improve sanitary facilities and food handling practices in the games villages and venues.
- Encourage testing of ILI and DLI cases to confirm etiology ; review and distribute sample collection and testing guidance for ILI and DLI the sentinel sites