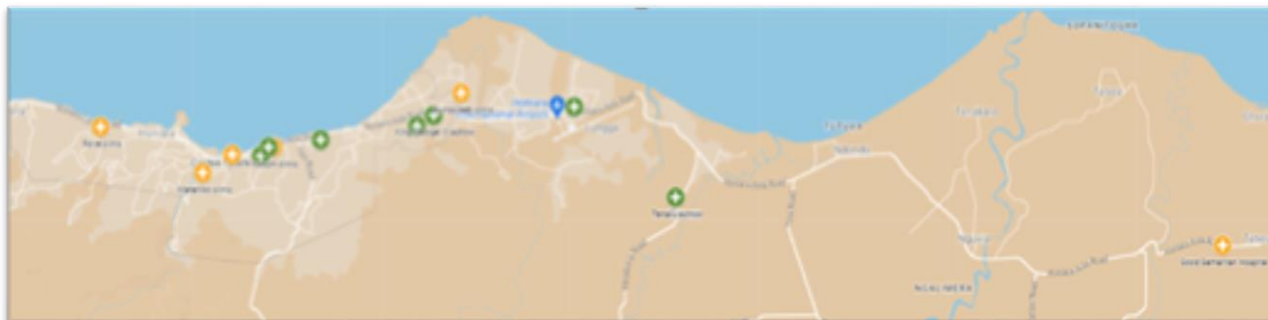


Surveillance Report **11**

Report Date **27 November 2023**

Surveillance activity from **2:00pm 17/11/2023** to **2:00pm 27/11/2023**

Ministry of Health and Medical Services



Map showing GOC sentinel sites (in green) and MHMS sentinel sites (in orange)

## Key updates for the day

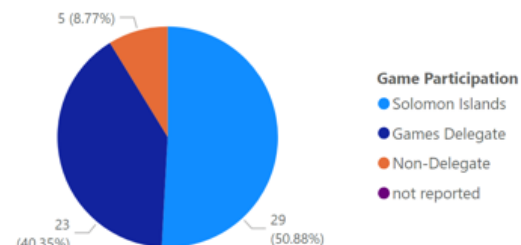
Name	Type	Daily total number encounter	Daily number of syndrome
Burnscreek clinic	MHMS clinic	145	5
Don Bosco Technical Institute	GOC clinic	2	1
Good Samaritan Hospital	MHMS clinic	144	0
King George VI school	GOC clinic	20	0
Kukum clinic	MHMS clinic	207	10
Mataniko clinic	MHMS clinic	44	7
National Referral Hospital-ED	MHMS clinic	65	4
Polyclinic	GOC clinic	6	2
Rove clinic	MHMS clinic	67	5
SINU Kukum campus	GOC clinic	9	5
SINU Panatina campus	GOC clinic	2	9
St Nicholas Anglican college	GOC clinic	1	1
Tenaru school	GOC clinic	19	8
<b>Total</b>		<b>731</b>	<b>57</b>

- All 13 (100%) sentinel sites reported today
- 731 consultations; 57 (8%) reported syndromes
  - 30/57 (53%) ILI
  - 8/57 (14%) diarrhoea
  - 7/57 (12%) acute gastroenteritis
  - 7/57 (12%) heat-related illness
- 23/57 (40%) cases are game delegates
- Increased acute gastroenteritis, DLI, diarrhoea, heat-related illness and ILI
- Most cases are in 20-29 (33%) age group

The sentinel sites in green submitted reports.

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		36	7 ↑
Dengue-like illness		24	2 ↑
Diarrhoea		116	8 ↑
Heat-related illness		41	7 ↑
Influenza-like illness		211	30 ↑
Mumps		59	2 ↓
Prolonged fever		40	1 ↓
Other		5	0 ↓
<b>Total</b>		<b>533</b>	<b>57</b>

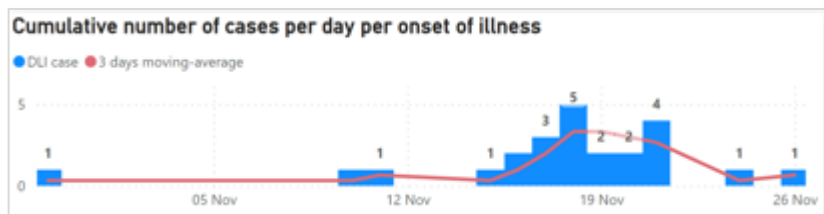
## Daily syndrome distribution by game involvement



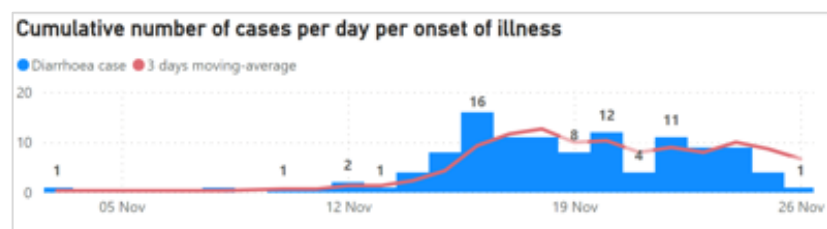
## Trend of key syndromes: Acute gastroenteritis, DLI, diarrhoea, heat-related illness and ILI



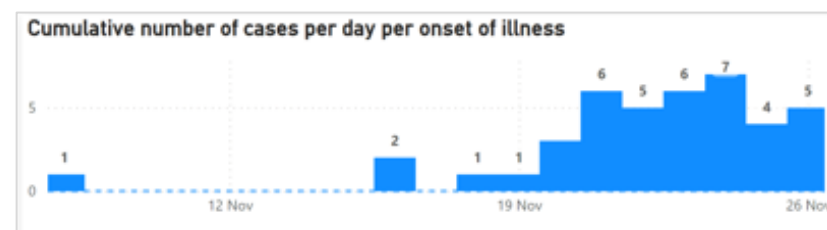
Cumulative trends on the daily acute gastroenteritis cases per date of illness onset



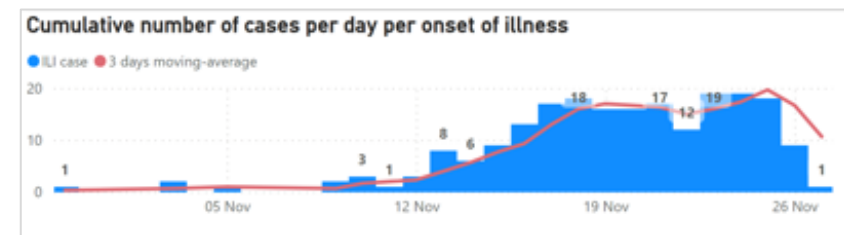
Cumulative trends on the daily DLI cases per date of illness onset



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



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



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

### Acute Gastroenteritis

- 7 cases are reported from 5 sentinel sites (Kukum, NRH-ED and SINU Panatina campus, SINU Kukum campus and St. Nicholas); 4 cases are game delegates
- Cumulative total cases n=36
  - 21/36 (58%) are females.
  - 17/34 (50%) are in the age group 20-29

### DLI

- 2 cases reported from 2 sentinel sites (Burnscreek and Tenaru); 1 games delegate
- Cumulative total cases n= 24
  - 15/24 (62%) are females
  - Most DLI cases are from age groups 10-19 (21%) and 20-29 (21%)

### Diarrhoea

- 8 cases reported from 6 sentinel sites) Burnscreek, Kukum, Mataniko, NRH-ED, Rove and SINU Panatina campus); 6 are game delegates
- Cumulative total cases n=116
  - 58/116 (50%) are females
  - 41/115 (36%) are from the age group 0-4

### Heat-related illness

- 7 cases reported from 2 sentinel sites (Rove and Tenaru); 5 are game delegates
- Cumulative total cases n=41
  - 24/41 (47%) are females
  - 12/41 (29%) are in the age group 20-29

### ILI

- 30 cases reported from 10 sentinel sites (Burnscreek, Don Bosco, Kukum, Mataniko, NRH-ED, Polyclinic, Rove, SINU Panatina, SINU Kukum and Tenaru); 18 are game delegates
- Cumulative total cases n=211
  - 118/211 (56%) are females
  - 69/211 (33%) are in the age groups 0-4 and 50/211 (24%) are 20-29

## Laboratory Surveillance

#	SYNDROME /DISEASE	# of tests requested	Positive		Negative		Remarks
			Number	%	Number	%	
1	Dengue-like Illness	3		0	3	100	from PolyClinic - all RDTs results were negative.
2	Influenza-like Illness	4	4	100			all from PolyClinic, results all positive SARS-COV-2.

- 3 DLI specimen have tested negative on RDT
- 4 nasopharyngeal swabs for ILI; 2 confirmed for SARS-COV-2 on RT-PCR and 2 confirmed for Influenza A/H3
- Pending results for mumps specimen referred to MDU-VIDRL, Melbourne

## Event-based Surveillance

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

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

- 3 signals were confirmed health-related event
- All signals are being monitored for increase reports of covid-19 cases (RAT tests performed by team doctors) among game delegates from Samoa (6) Tuvalu (1), Wallis & Futuna (3)

## Public Health Response

- Testing and referral of samples have been initiated for ILI, diarrhoea, acute gastroenteritis and mumps cases to confirm etiology
- Ongoing training for GOC sentinel sites by NRH Laboratory team on specimen collection for nasopharyngeal swabs

## Recommendations

- MHMS Risk Communication team to conduct ongoing key messaging for public on the preventive measures on diarrhoea, influenza-like illness (ILI), and acute gastroenteritis
  - To practice cough etiquette and hand hygiene, and to drink and eat safely
- MHMS Risk Communication team to provide guidance on management of mumps cases to health-care workers and care-givers are being distributed
- GOC to distribute PPE's (including face mask, hand sanitizer) for health-care workers and game delegates at the GOC sites
- National IPC team to monitor adherence to PPE use by healthcare professionals at GOC sites
- National IHR Focal Point to keep updating IHR Focal Points of concerned neighbouring countries as necessary
- GOC to strengthen reporting of team doctors to Polyclinic for any unusual events including deaths and testing performed (e.g.COVID-19 RAT, Dengue RDT's, etc)