

Surveillance Report

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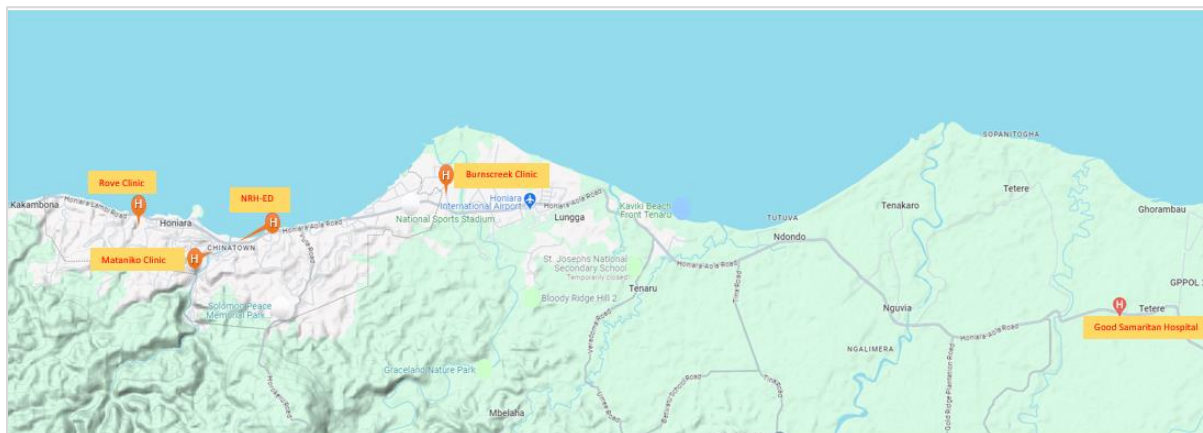
Report Date

12 December 2023

Surveillance activity from

2:00pm 17/11/2023 to 2:00pm 12/12/2023

Ministry of Health and Medical Services



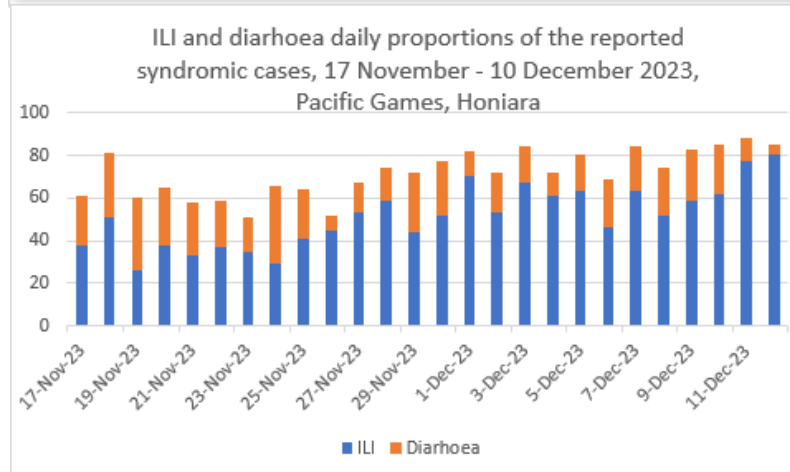
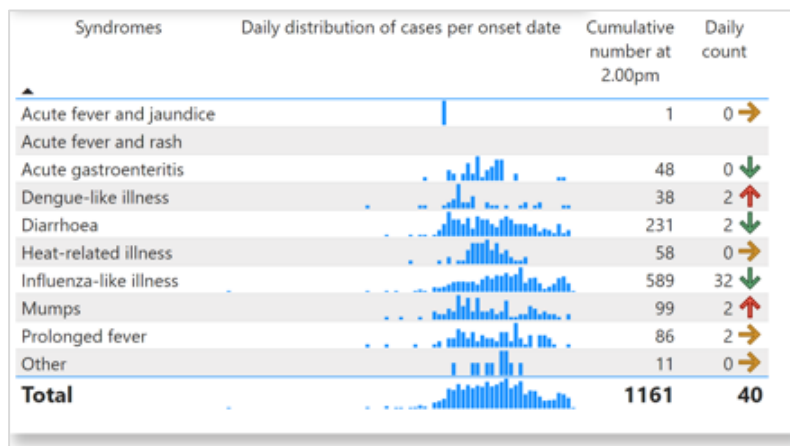
Map showing MHMS enhanced surveillance sentinel sites (in orange)

Key updates for the day

Name	Type	Daily total number encounter	Daily number of syndrome
Burns Creek clinic	MHMS clinic	204	6
Good Samaritan Hospital	MHMS clinic	141	7
Mataniko clinic	MHMS clinic	4	1
National Referral Hospital-ED	MHMS clinic	90	11
Rove clinic	MHMS clinic	130	15
Total		569	40

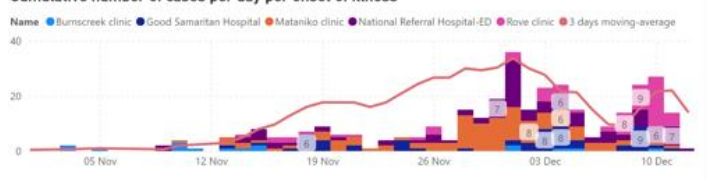
The sentinel sites in green submitted reports.

- All 5 (100%) sentinel sites reported.
- 569 consultations; 40(7%) reported syndromes
 - 32/40 (80%) ILI
- Increases in DLI and Mumps cases
- ILI is the most frequent daily reported syndrome
- Combined ILI and diarrhea cases together, account for the majority (80% ILI + 5% diarrhoea) of the daily cases for every single day during the games. The same tendency is also observed after the games
- 4 specimen for suspected meningitis cases were shipped to reference laboratories abroad.



Trend of key syndromes: ILI, DLI and Mumps

Cumulative number of cases per day per onset of illness



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

Cumulative number of cases per day per onset of illness



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

Cumulative number of cases per day per onset of illness



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

ILI

- 32 cases reported from all sentinel sites (Burns creek, Good Samaritan, Mataniko NRH-ED and Rove)
- Cumulative total cases n=589
 - 320/589 (54%) are females
 - Most cases are from age group 0-4 (27%)

DLI

- 2 cases reported from 2 sentinel sites (Good Samaritan Hospital and Rove)
 - Cumulative total cases n=38
 - 26/38 (68%) are females
 - Most cases are from 20-29 (21%)

Mumps

- 2 cases reported from 1 sentinel site (Burns Creek):
 - Cumulative total cases n=99
 - 50/99 (51%) are males
 - Most cases are from 5-9 (33%)

Laboratory Surveillance

- No lab tests reported today

Event-based Surveillance

Number of signals		1
Number of signals Classified as health event		1
Event of Characterization	Monitor	0
	Response	0
	Close	1
	Discard	0

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

- 1 signal was detected as a health related event regarding the closure of Kukum clinic
- This signal is been closed

Public Health Response

- MHMS Risk Communication team to conduct ongoing key messaging for public on the preventive measures on diarrhoea, influenza-like illness (ILI), mumps and vector borne diseases (e.g. DLI, Malaria)
 - To practice cough etiquette and hand hygiene, and to drink and eat safely
 - To apply personal prevention and protective measures against mosquito borne diseases

Recommendations

- Monitoring the ongoing circulation of influenza A and covid-19 by testing and referral of samples including identifying the variant strains circulating by whole genomic sequencing.
- Epidemiological investigation on the suspected meningitis cases is still ongoing and laboratory investigation results are pending.
- With ILI % reaching 80%, all sentinel sites are strongly recommended to collect and/or transfer samples to the molecular laboratory in NRH