



Date of report: **07/23/2014 (Wednesday)** --for cases presenting on: **07/22/2014 (Tuesday)**

**Summary**

**Key findings**

- All 11 (100%) sites reported on Tuesday, July 22.
- 5 (45.5%) of the 11 sentinel sites reported syndrome cases.
- 16 (5.2%) of the total 308 encounters were reported as syndrome cases.
- 3 (37.5%) of the 8 syndromes were reported.
- 2 (25%) of the 8 syndromes reached their threshold:
  - 3 cases of watery diarrhea
  - 8 cases of influenza like illness (median age: 5.5 y; range 8 mo-40 y). 7 (87.5%) out of the 8 individuals were males. All cases were residents of Pohnpei state.
- No additional unusual occurrence reported from the sentinel sites.

**Conclusion and recommendations**

- Influenza like illness and watery diarrhea syndromes reached their daily thresholds and are currently being investigated.

**Current outbreaks or public health incidents of importance to the games that are occurring in the region and globally**

- Measles outbreak in Pohnpei. Please refer to the PacNet posting on Friday, July 18.
- Confirmed measles case in Guam – news report Friday, July 18

**Coverage:** 11 points of care are included in the enhanced syndromic surveillance system. For the date indicated above, 11 points of care submitted reports.

**Overview analysis**

Number of cases observed for the date above										
Point of care	Number Encounter cases*	Number Syndrome cases#	Acute fever and rash	Watery diarrhea	Non-watery diarrhea	Influenza-like illness	Prolonged fever	Fever and jaundice	Heat related illness	Food-borne disease syndrome
Berysin CHC	9	0								
COM Dispensary	5	1			1					
Genesis Hospital	53	0								
Lukop Dispensary	5	0								
Medpharm HC	10	0								
PICS High School	6	0								
Pohnlangas Dispensary	33	1			1					
Pohnpei CHC	45	6		1	1	4				
Pohnpei State Hospital	126	6		2		4				
Sokehs Dispensary	5	2			2					
Wone Dispensary	11	0								
<b>TOTAL</b>	<b>308</b>	<b>16</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DAILY STATE THRESHOLD</b>	<b>N/a</b>	<b>N/a</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>Interpretation:</b>	Reports were collected from all 11 sites. 6 of the 11 (54.5%) reporting sites did not report any syndromes. Watery diarrhea and influenza like illness syndromes have reached their daily state-wide thresholds.									

\*Encounter cases represent all acute care cases visiting a clinic regardless of whether they have one or more of the eight syndromes e.g., a sprained ankle would be included in the 'encounter case' count

#Syndrome cases represent all acute care cases visiting a clinic who have one or more of the eight syndromes e.g., a sprained ankle would NOT be included in the 'syndrome case' count

**Detailed analysis** (for any syndrome where the set state daily threshold is reached and, following confirmation of cases, it is decided to undertake an investigation)

**Syndrome:** Influenza like illness and watery diarrhea.

**Point of care:** Pohnpei State Hospital and Pohnpei Community Health Center.

**Description of investigation undertaken:** 5 cases with watery diarrhea syndrome from 2 municipalities were investigated today, Wednesday, July 23, using a case report form that was adapted and modified from the Fiji Communicable Disease Guidelines. Data from the case report forms are being updated and analysed daily. Stool specimens for watery diarrhea cases from sentinel sites are collected for conducting lab tests.

At the Pohnpei State Hospital laboratory, an algorithm for testing stool specimens is operational. All stool specimens are being tested to rule out possible enteropathogens such as *Vibrio cholerae*, *Salmonella typhimurium*, and *Shigella dysenteriae*. Also, tests for *Giardia lamblia* and *Entamoeba histolytica* are performed. Furthermore, rapid testing for rotavirus, adenovirus, and norovirus is ongoing.

A public health team of 3 individuals have been investigating acute fever and rash cases, which are possibly due to the ongoing measles outbreak. The team is collecting case information on demographics, clinical symptoms, exposure history, and measles (MMR or MR) vaccination status. Each case is being entered into the measles outbreak line list to monitor the status of the outbreak.

2 cases of prolonged fever reported on Tuesday, July 22, at the Pohnpei Community Health Center were treated for chest infections by the attending physicians.

1 case of prolonged fever reported in the Nauru delegation is being investigated to rule out any dengue fever, and other possible arboviral infections, such as chikungunya and zika virus.

**Findings of investigation:**

*Number of cases:* There were a total of 16 syndrome cases reported for Tuesday, July 22, 2014.

*Diagnostic methods, number of samples collected, number of samples tested, laboratory involved:* A total of 9 specimens were collected and tested. Of the 9 specimens tested at the Pohnpei State Hospital laboratory and Pohnpei Community Health Center, *Ascaris lumbricoides* were found in 2 specimens. Of the 8 specimens tested at Pohnpei State Hospital, all 8 (100%) tested negative for norovirus; 6 (75%) tested negative for both rotavirus and adenovirus; and 6 (75%) tested negative for salmonella, shigella, and vibrio.

*Prevailing epidemiological pattern: endemic or epidemic, recent epidemiological history*

*Time/Place/Person/clinical features:* The median age of the 8 cases with influenza like illness syndrome was 5.5 years (range 8 mo-40 y). 7 (87.5%) out of the 8 individuals were males. All cases were residents of Pohnpei, with 5 (62.5%) out of the 8 individuals from Kolonia municipality.

**Measures taken or considered:**

*Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety)*

Public health advisory on watery diarrhea was created and translated into the local language for dissemination through radio. In addition, awareness on good hygiene techniques, including hand washing, is ongoing through posters and flyers.

An incident command system (ICS) is set-up to plan, prepare, and respond to any incidents. The incident command, section and unit chiefs meet daily to discuss progress and address any issues. The Pohnpei EPA is continuing daily environmental assessment, spot inspections, and are working closely with the Public Health Surveillance and Response Committee and the Organising Committee for any remedial action.

**Note, the archive of daily reports can be found at: [http://www.spc.int/phs/PPHSN/Surveillance/Mass\\_gathering.htm](http://www.spc.int/phs/PPHSN/Surveillance/Mass_gathering.htm)**