



Date of report: 07/24/2014 (Thursday) for cases presenting on: 07/23/2014 (Wednesday)

**Summary**

**Key findings**

- All 11 (100%) sites reported on Wednesday, July 23.
- 5 (45.5%) of the 11 sentinel sites reported syndrome cases.
- 38 (9.4%) of the total 405 encounters were reported as syndrome cases.
- 6 (75.0%) of the 8 syndromes were reported.
- 4 (50.0%) of the 8 syndromes reached their threshold:
  - 1 case of acute fever and rash.
  - 4 cases of watery diarrhea (median age: 4 y; range 1–31 y; 75% females; and 1 individual from Palau).
  - 32 cases of influenza like illness (median age: 4 y; range 6 mo–52 y; 53% females; 9.5% cases from Kosrae and the remaining are residents of Pohnpei state).
  - 1 case of prolonged fever.
- No additional unusual occurrence reported from the sentinel sites.

**Conclusion and recommendations**

- Acute fever and rash, watery diarrhea, influenza like illness, and prolonged fever syndromes have 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**

- There are currently measles outbreaks in Kosrae and Pohnpei States, FSM. Please refer to PacNet posting on 18 July 2014 for an update of the Pohnpei situation.
- Guam - a laboratory confirmed case of measles has been detected in a 10-month old child, who has been epidemiologically linked to visitors from Pohnpei, FSM. The case has no travel history.
- Nauru - dengue serotype-3 has been confirmed (RT-PCR) in 11 out of 26 samples sent to Institut Louis Malarde, French Polynesia. The dengue negative samples tested negative for zika virus and chikungunya. There were no new cases reported in Epi week 29.

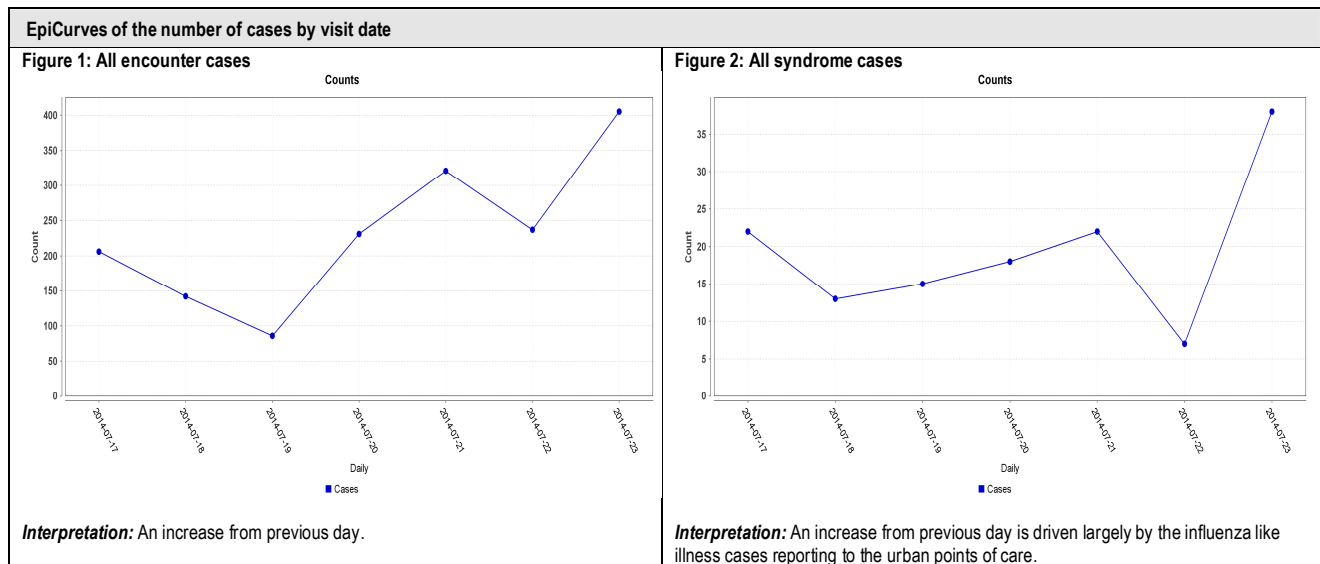
**Coverage:** 11 points of care are included in the enhanced syndromic surveillance system. For the date indicated above, 11 points of care submitted reports.

**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 svndrome
Berysin CHC	3	0	0	0	0	0	0	0	0	0
COM Dispensary	10	0	0	0	0	0	0	0	0	0
Genesis Hospital	67	5	0	1	0	4	0	0	0	0
Lukop Dispensary	4	0	0	0	0	0	0	0	0	0
Medpharm HC	8	0	0	0	0	0	0	0	0	0
PICS High School	15	2	0	1	0	0	0	0	1	0
Pohnlangas Dispensary	33	1	1	0	0	0	0	0	0	0
Pohnpei CHC	71	20*	0	2	0	19	1	0	0	0
Pohnpei State Hospital	172	10	0	0	1	9	0	0	0	0
Sokehs Dispensary	3	0	0	0	0	0	0	0	0	0
Wone Dispensary	19	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>405</b>	<b>38</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>32</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>DAILY STATE THRESHOLD</b>	N/a	N/a	1	1	3	4	1	1	2	2
<b>Legend/key:</b>	A cell shaded in red indicates an increase compared to the previous day's report					A cell shaded in green indicates a decrease compared to the previous day's report				
<b>Interpretation:</b>	<b>Reports were collected from all 11 sites. 6 of the 11 (54.5%) reporting sites did not report any syndromes.</b> <b>Acute fever and rash, watery diarrhea, influenza like illness, and prolonged fever syndromes have reached their daily state-wide thresholds.</b> <b>* Some cases had more than 1 syndrome</b>									

\*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 ongoing investigations** - for any syndrome where the set state daily threshold is reached (or was reached in previous days) and, following confirmation of cases, it was decided to undertake an investigation

<b>Syndrome</b>	Acute fever and rash
<b>Point of care (number of cases since July 22)</b>	Pohnpei State Hospital (2 cases) and Pohnlangas Dispensary (1 case)
<b>Dates of investigation</b>	July 23 - ongoing
<b>Description of investigation undertaken</b>	2 cases of acute fever and rash reported at Pohnpei State Hospital were investigated by the public health team. Case report form with information on demographics, clinical symptoms, exposure history, and measles (MMR or MR) vaccination was ascertained along with specimen from one case. All cases are entered in the measles outbreak line list to link cases and monitor the status of the current outbreak.
<b>Findings of investigation:</b>	
• Number of cases	3
• Diagnostic methods, number of samples collected, number of samples tested, laboratory involved	A specimen was collected from one case from Pohnpei State Hospital.
• Prevailing epidemiological pattern: endemic or epidemic, recent epidemiological history	There are currently measles outbreaks in Kosrae and Pohnpei States, FSM. Please refer to PacNet posting on 18 July 2014 for an update of the Pohnpei situation.
<b>Measures taken or considered:</b>	
• Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety)	Please refer to PacNet posting on 18 July 2014 for an update of the Pohnpei situation.

<b>Syndrome</b>	Watery diarrhea
<b>Point of care (number of cases since July 17)</b>	Pohnpei State Hospital (17 cases), Genesis Hospital (6 cases), Pohnpei CHC (6 cases), PICS high school (3 cases), Lukop dispensary (2 cases), COM dispensary (1 case)
<b>Dates of investigation</b>	July 18 - ongoing
<b>Description of investigation undertaken</b>	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 <i>Vibrio cholerae</i> , <i>Salmonella typhimurium</i> , and <i>Shigella dysenteriae</i> . Also, tests for <i>Giardia lamblia</i> and <i>Entamoeba histolytica</i> are performed. Furthermore, rapid testing for rotavirus, adenovirus, and norovirus is ongoing.
<b>Findings of investigation:</b>	
• Number of cases	35
• Diagnostic methods, number of samples collected, number of samples tested, laboratory involved	As above
• Prevailing epidemiological pattern: endemic or	The median age of the 4 cases of watery diarrhea on July 23 was 4 years (range 1–

<i>epidemic, recent epidemiological history</i>	31 years). 75% of the cases were females and 1 of the case was from Palau).
<b>Measures taken or considered:</b>	
<ul style="list-style-type: none"> <li>Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety)</li> </ul>	A 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 is working closely with the Public Health Surveillance and Response Committee and the Organising Committee for any remedial action. Results of the daily inspection conducted by the Pohnpei EPA for July 23 to July 24 are highlighted here. The food preparation area at the games village met all standard requirements, including adherence to the protocols by the food handlers. An issue with collection of trash at the receiving area was addressed today, July 24. Sanitation inspections revealed that the facilities meet the requirements and are in good condition.

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<b>Syndrome</b>	Influenza like illness
<b>Point of care (number of cases since July 17)</b>	Pohnpei CHC (27 cases), Pohnpei State Hospital (19 cases), Genesis Hospital (11 cases), Pohnlangas dispensary (2 cases), Sokehs dispensary (2 cases), Lukop dispensary (1 case), Medpharm HC (1 case)
<b>Dates of investigation</b>	July 24 - ongoing
<b>Description of investigation undertaken</b>	Case investigation forms for ILI were completed for 12 individuals. 8 of the 12 individuals met the case definition of ILI. Of the 8 cases, 8 (100%) had fever, 7 (87.5%) had cough, 4 (50%) had coryza, and 3 (37.5%) had sore throat. 5 (62.5%) out of the 8 cases were females.
<b>Findings of investigation:</b>	
<ul style="list-style-type: none"> <li>Number of cases</li> </ul>	64 (32 cases on July 23)
<ul style="list-style-type: none"> <li>Diagnostic methods, number of samples collected, number of samples tested, laboratory involved</li> </ul>	12 specimens (nasopharyngeal and oral swabs) from individuals who met the ILI case definition (fever and sore throat or cough) were collected for influenza testing. Rapid testing for influenza could not be conducted at the Pohnpei State Hospital Laboratory, and therefore, the specimens will be shipped to the reference laboratory at the Hawaii State Public Health tomorrow, Friday, July 25.
<ul style="list-style-type: none"> <li>Prevailing epidemiological pattern: endemic or epidemic, recent epidemiological history</li> </ul>	The median age of the 32 cases of influenza like illness on July 23 was 4 years (range 6 months–52 years). 53% of the cases were females. 9.5% of the cases came from Kosrae and the remaining were residents of Pohnpei state.
<b>Measures taken or considered:</b>	
<ul style="list-style-type: none"> <li>Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety)</li> </ul>	

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<b>Syndrome</b>	Prolonged Fever
<b>Point of care (number of cases since July 20)</b>	Pohnpei CHC (4 cases), Pohnpei State Hospital (2 cases), Pohnlangas dispensary (1 case)
<b>Dates of investigation</b>	July 24 - ongoing
<b>Description of investigation undertaken</b>	Pending
<b>Findings of investigation:</b>	
<ul style="list-style-type: none"> <li>Number of cases</li> </ul>	7
<ul style="list-style-type: none"> <li>Diagnostic methods, number of samples collected, number of samples tested, laboratory involved</li> </ul>	Pending
<ul style="list-style-type: none"> <li>Prevailing epidemiological pattern: endemic or epidemic, recent epidemiological history</li> </ul>	Pending
<b>Measures taken or considered:</b>	
<ul style="list-style-type: none"> <li>Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety)</li> </ul>	Pending

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)