



Date of report: 07/19/2014 (Saturday) for cases presenting on: 07/18/2014 (Friday)

Summary

Key findings

- Five of the 11 (45%) sentinel sites reported for July 18, 2014. Surveillance forms from 5 sentinel sites could not be collected due to weekend closure.
- Of the 5 sentinel sites that reported, 3 (60%) reported syndrome cases.
- 13 out of the total 139 encounters (9.4%) were reported as syndromes.
- 4 of the 8 (50%) syndromes were reported.
- 8 cases of watery diarrhea (median 14.5 y; range 2-86 y); 3 cases of influenza like illness (mean 1 y); 1 case of acute fever and rash (14 y); and 1 case of non-watery diarrhea (28 y) were reported. The remaining 4 syndromes had 0 cases reported.
- 9 of the 13 (69.2%) syndromic cases were females.
- 1 case of watery diarrhea tested positive for *E. histolytica*.
- No unusual occurrence reported from the 5 reporting sentinel sites.

Conclusion and recommendations

- Watery diarrhea syndrome exceeded the daily threshold of 1 case for the state. Thus, an investigation will commence soon.
- Further training and clarification on the case definition for watery diarrhea at each sentinel sites.

Current outbreaks or public health incidents of importance occurring in the region and the globe

- Measles outbreak in Pohnpei. Please refer to yesterday's (Friday, July 18) update on PacNet.

Coverage: 11 points of care are included in the enhanced syndromic surveillance system. For the date indicated above, 5 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	1	0								
COM Dispensary										
Genesis Hospital	39	6	1	2		3				
Lukop Dispensary										
Medpharm HC	12	0								
PICS High School	0	0								
Pohnlangas Dispensary										
Pohnpei CHC	68	3		3						
Pohnpei State Hospital	19	4		3	1					
Sokehs Dispensary										
Wone Dispensary										
TOTAL	139	13	1	8	1	3	0	0	0	0
DAILY STATE THRESHOLD	N/a	N/a	1	1	3	4	1	1	2	2

Interpretation:	Reports were collected from 5 (out of 11) sites. 3 out of the 5 reporting sites did not report any syndrome. Watery diarrhea syndrome has exceeded the threshold of 1 case. 3 cases were reported at the Pohnpei State Hospital and Pohnpei CHC, and 2 cases were reported at Genesis Hospital.
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*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 that equals or exceeds set state daily threshold and, following confirmation of cases, it is decided to undertake an investigation)

Syndrome: Watery diarrhea and AFR

Point of care: Pohnpei State Hospital, Pohnpei CHC, and Genesis Hospital

Date of investigation: A thorough investigation will commence on Monday, July 21, 2014. Currently, sentinel sites are advised to collect specimens meeting the case definition of watery diarrhea. Specimen testing for *V. cholera* is recommended to all laboratories.

Description of investigation undertaken:

Findings of investigation:

Diagnostic methods, number of samples collected, number of samples tested, laboratory involved: Stool examination of 1 specimen of watery diarrhea case showed *E. histolytica* from Genesis Hospital.

Time/Place/Person/clinical features: Median age for all 8 cases was 14.5 years (range 2-86 years). 5 out of the 8 cases (62.5%) were females. All cases were residents of Pohnpei, FSM. Cases were from 4 (of the 6) municipalities of Pohnpei state, with 50% (n=4) of the cases from Nett municipality.

Measures taken or considered:

Public health measures (e.g. immunisation strategy, patient and contact management, vector control, water and food safety): Point of care staff were advised to promote and increase awareness on good hygiene techniques, including hand washing. These messages were also reinforced through the strategic health communication campaign, including through posters, radio messages, and promotional messages. EPA recommended to make hygiene and sanitation spots checks with recommendations to Organising Committee for any remedial action.