

POHNPEI COMMUNICABLE DISEASE WEEKLY BULLETIN



REPORTING FOR WEEK: 6 (February 4-10, 2019)

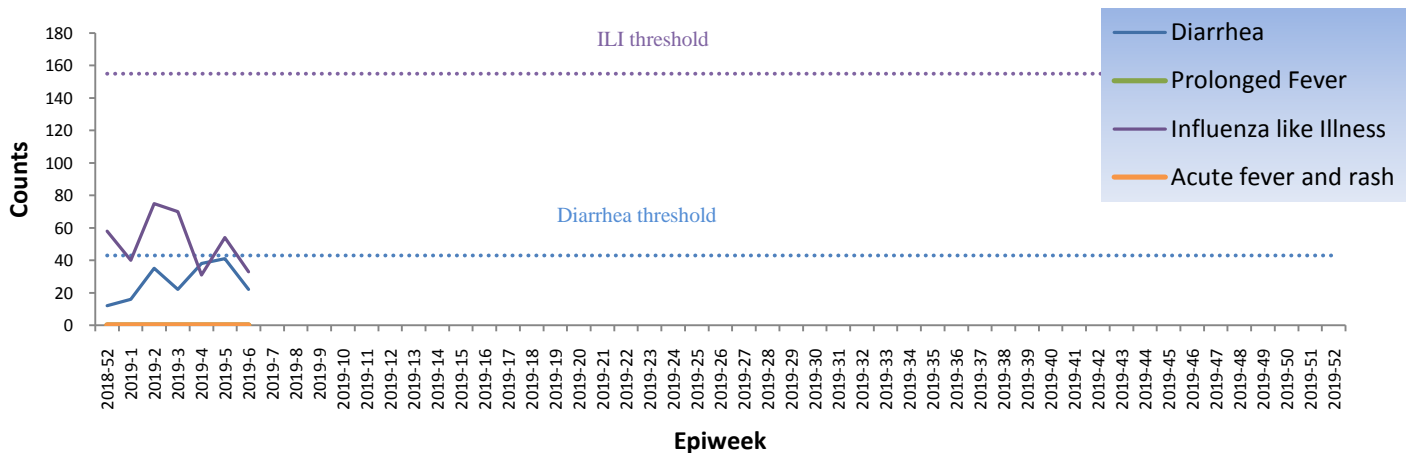


BACKGROUND

Communicable Disease Surveillance System (CDSS) in Pohnpei State is used to detect disease outbreaks early and respond to them quickly. Data from sentinel sites (hospitals and dispensaries) are collected on four syndromes (acute fever and rash, prolonged fever, influenza-like illness, and diarrhea) which cover major outbreak-prone infectious diseases that are important to Pohnpei. Additionally, notifiable disease reports, PacNet reports, event based reports also feeds into this report. This functional and timely infectious disease surveillance system is used in all 4 FSM states and over 20 Pacific countries.

WEEKLY SURVEILLANCE DATA, 2019

The number of cases by weeks and sentinel sites are provided in the graphs and tables below.



New Syndrome Cases by Week: Pohnpei, FSM 2019

SYNDROMES	Last Week (5)	This Week (6)	Threshold for Action* (State-wide)	Trends by proportion
Influenza-like illness	54 (2.6%)**	33 (1.8%)**	≥155	Decreased
Diarrhea	41 (2%)**	22 (1.2%)**	≥43	Decreased
Acute fever and rash	0	0	≥1	No change
Prolonged fever	0	0	≥1	No change

*Thresholds were recalculated on January 12, 2018 based on syndromes from the last six months of 2017 ** proportion of syndromes to all encounters

New Syndrome cases by Sentinel Sites: Pohnpei, FSM , 2019

	PSH	Genesis	CHC	Pohnlangas	Lukop	Wone	Sokehs	Medpharm	Total
No. of encounters	481	390	559	110	90	52	82	51	1815
No. of syndromes	54 (96%)	0	2	0	0	0	0	0	56 (3.1%)**
AFR	1	0	0	0	0	0	0	0	1
Diarrhea	22	0	0	0	0	0	0	0	22
ILI	31	0	2	0	0	0	0	0	33
Prolonged Fever	0	0	0	0	0	0	0	0	0

Abbreviations: NR, No Report; CHC, Pohnpei Community Health Center; PSH, Pohnpei State Hospital; BCHC, Berysin's CHC; PFHC, Pohnpei Family Health Clinic; AFR, Acute fever and rash; and ILI, Influenza like-illness.

Syndromic Data Analysis

- 8/8 sentinel sites reported this week. Syndromes accounts for 3.1% (1.4% decreased from last week) of all encounters and below thresholds for response. 96% of all syndromes are from Pohnpei State Hospital.
- Influenza-like illness accounts for 1.8% of all encounters (0.8% reduced from previous week). Two ILI specimens were tested on the Biofire, one positive for influenza A (H3) and the other for coronavirus.
- Diarrhea accounts for 2.5% of all encounters (0.9% increased from previous week).

New Laboratory Confirmed Reportable Disease Cases for Week 6: Pohnpei, FSM 2019

TESTS	POSITIVE
HIV	0
HAV	0
HCV	0
Leptospirosis	0
TB (AFB/Xpert)	0
Leprosy (AFB)	0
Gonorrhoea (Grams)	0
Neisseria gonorrhoea (GeneXpert)	2
Salmonella typhi	0
Shigella flexneri	0

LOCAL and REGIONAL COMMUNICABLE DISEASE NEWS

The Pohnpei State Immunization Program is administering 2018/2019 flu vaccines to individuals age 3 years and older. Vaccination is being offered at the Immunization program at Pohnpei Public Health and the dispensaries. Get your flu shot today and have your family vaccinated to prevent the dreadful flu. You can contact the immunization program at 320-3144 for more information.

Measles

On 6 February, the **Philippines** Department of Health (DOH) confirmed a measles outbreak in National Capital Region (including Metro Manila) and has now expanded the outbreak declaration to, Luzon, Eastern Visayas Luzon and Central Vasayas. According to the national DOH Epidemiology Bureau (EB), As of 26 January 2019, National Capital Region has reported 441 measles cases and 5 deaths (case fatality rate (CFR) 1%), compared to 36 cases in 2018. In Calabarzon there were 575 measles cases with 9 deaths (CFR 2%), compared to 21 cases of 2018. In Region 3, 192 measles cases and 4 deaths (CFR 2%), compared to 32 cases in 2018. Region 6 reported 104 measles cases and 3 deaths (CFR 3%), compared to 16 cases in 2018 and in Region 7, 71 cases and 1 death (CFR 1%) were reported compared to 2 cases of 2018. [\[Source\]](#)

Influenza

Globally, seasonal influenza A(H1N1)pdm09 has been predominant, however according to the WHO biweekly global influenza update the Oceania, Melanesia and Polynesia region shows predominance of A(H3) followed by A(H1N1)pdm09.

[Biweekly global influenza update](#)

[FluNet summary of lab-confirmed data from GISRS](#)

IMPORTANT DISEASES with CASES DEFINITIONS

- A suspected polio case definition: **any case of acute-onset flaccid paralysis (AFP), including Guillain-Barré syndrome, in a person under 15 years of age for any reason other than severe trauma, or paralytic illness in a person of any age in which polio is suspected.** The classification “suspected case; is temporary. It should be reclassified as “probable” or discarded” within 48 hours of notification
- A suspect mumps case definition: **Localized swelling near the jaw or ear that is not explained by a more likely diagnosis. OR travel history off-island to places with known mumps outbreaks within 3 weeks before onset of symptoms. OR contacts of mumps cases with fever or body aches**
- A suspected zika case definition: **Rash AND/OR Fever AND any retro-orbital pain, arthritis, non-purulent conjunctivitis, body aches, edema, headache or malaise.**
- A suspected dengue case definition: **An acute fever that last more than 2 days with two or more of the following: anorexia and nausea, aches, and pains, rash, low WBC count (<4000/ml). Warning signs: abdominal pain, vomiting, mucosal bleed/petechiae, lethargy, clinical fluid accumulation, enlarged liver.**

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