



Fiji Meningococcal C Outbreak Situation Report Volume 03, 2018

Report Date: April 12th, 2018

Fiji Centre for Communicable Disease Control, Ministry of Health and Medical Services



Overview

The Fiji Ministry of Health and Medical Services (MoHMS) declared an outbreak of meningococcal disease on Tuesday March 20th, 2018.

The Ministry, through the National Meningococcal Disease Taskforce, continues to coordinate the response to the outbreak, including strengthening surveillance, laboratory diagnostics, clinical management, public health interventions and risk communications.

Meningococcal C vaccination (with ACWY conjugate vaccine-Menactra) was conducted from April 5th for students of Navesau Adventist School.

Surveillance

National surveillance is coordinated by the Fiji Centre for Communicable Disease Control (FCCDC) through weekly reporting of meningococcal cases via indicator based surveillance via EWARS; EWARS event-based surveillance reporting of suspected cases; Laboratory based surveillance for *Neisseria meningitidis*.

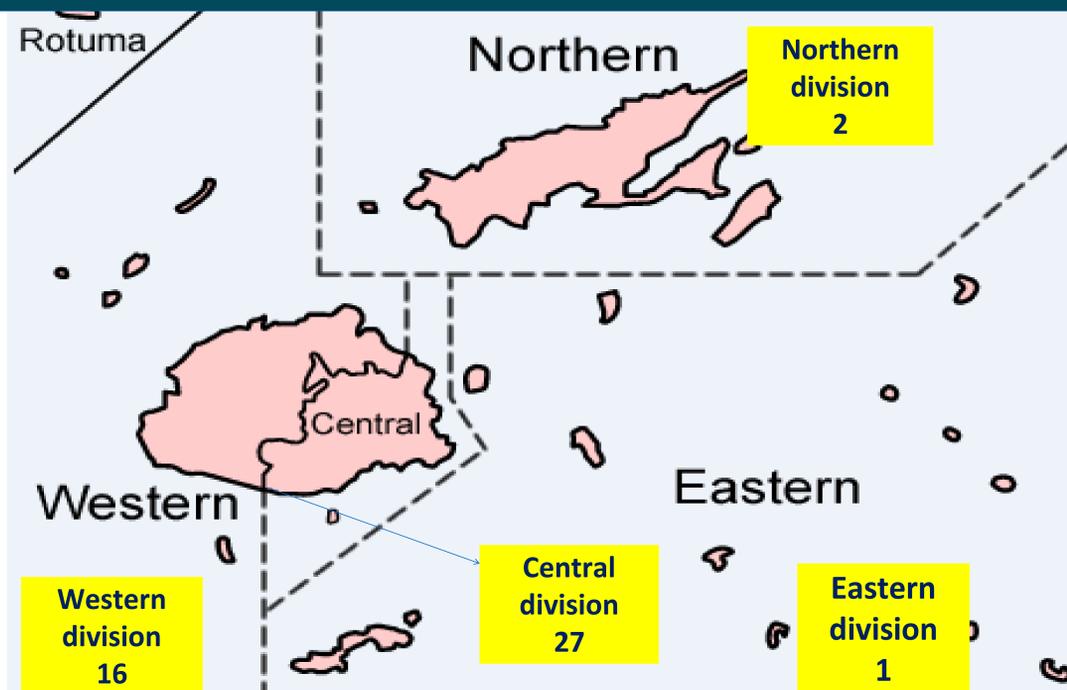
National Update(1st Jan-12th April, 2018)

MoHMS is reporting both confirmed and suspected cases. Therefore, there have been a total of 46 cases from January 1st to April 12th, 2018. Of these, 22 cases are laboratory confirmed, and 24 are either suspected or probable cases (WHO case definitions). There has been an average of 3.75 cases per week in the last 4 weeks.

As of April 12th, all cases were in the ≤ 19 age group.

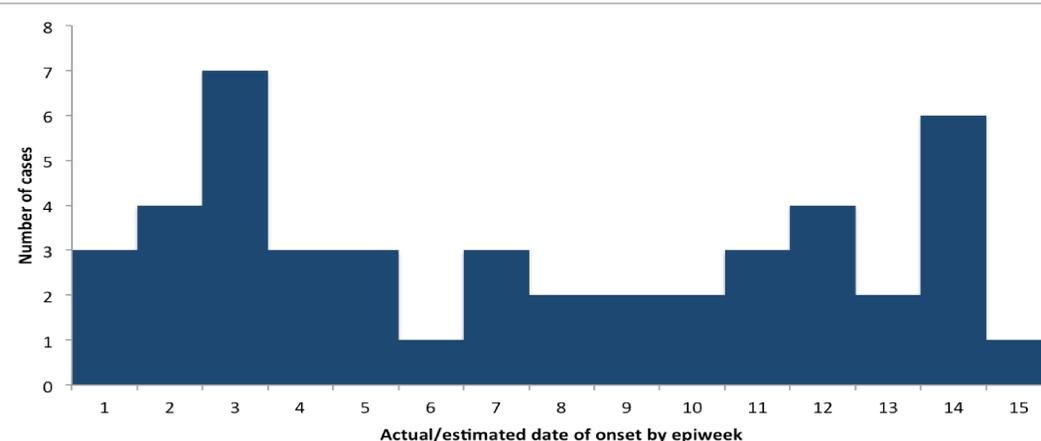
- < 5 years old with 37.0% of cases,
- 5-9 years 15.2%
- 10-14 years 26.1%
- 15-19 years 21.7%
- Males account for 63.0% of cases, and females 37.0%.
- 4 deaths confirmed, and 2 suspected.

Meningococcal Cases by Division (1st Jan-12th April, 2018)



The current national incidence for 2018 is 5.2 per 100,000 population. The Central Division has the highest attack rate of 7.1 per 100,000, followed by Western at 4.7/100,000, Eastern at 2.6/100,000 and Northern at 1.5/100,000.

Fiji Meningococcal Disease Trend, 1st Jan-12th April, 2018



Interventions

Clinical Case management:

- There have been no meningococcal deaths in the last four weeks.
- All suspected cases are being referred early to divisional hospitals.
- Central and Eastern division training on the *Public Health Management of Meningococcal Disease Guidelines* with medical officers, nurses, laboratory officers, health inspectors and IPCOs was held on April 9th. All staff receiving training will conduct further training sessions with their colleagues in the coming weeks.
- Western and Northern division trainings have been delayed due to TC Keni and will be held on April 19th and 20th respectively.
- Deployment of ceftriaxone to subdivisions for first line empirical treatment is complete.
- Ensuring access to rifampicin for prophylaxis of high risk contacts is ongoing.

Public health response:

- On the 5th of April, 2018 the Men C vaccination of students from Navesau Adventist High School was launched by the Honourable Prime Minister.

Risk communication:

- Risk communication packages targeting the general public and specific focal groups have been produced and distributed.
- Following TC Keni, the Western Division Team conducted screening and education of displaced persons in evaluation centres.

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