

Update on the dengue situation in the Western Pacific Region

Northern Hemisphere

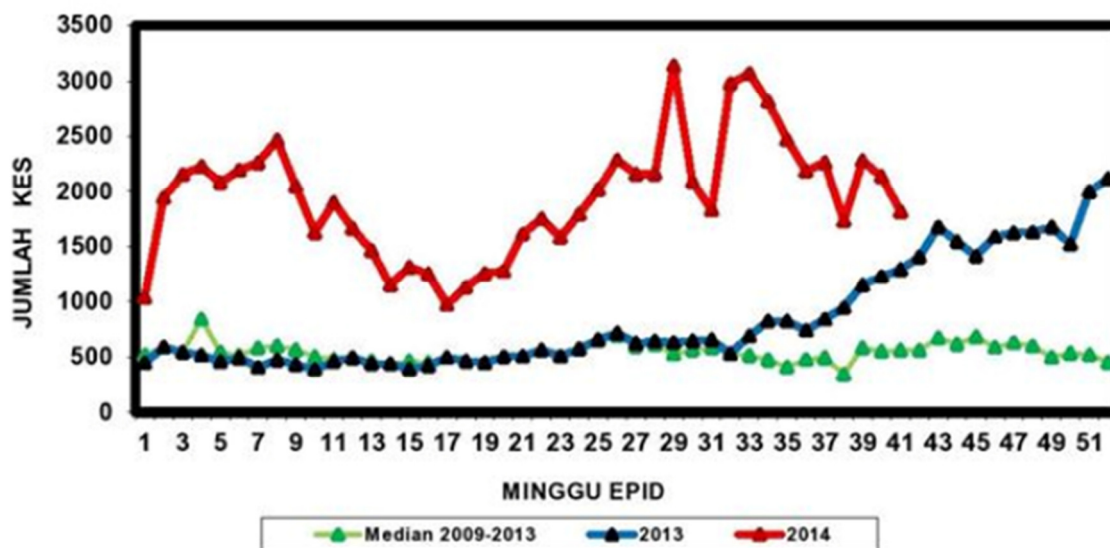
Japan

As of 20 October, Ministry of Health, Labour and Welfare (MHLW), Japan, reported a total of 159 confirmed autochthonous cases of dengue fever. None of these cases had recent overseas travel history. While cases were reported from throughout Japan (residents in Hokkaido, Akita, Aomori, Iwate, Ibaraki, Gunma, Saitama, Chiba, Tokyo, Kanagawa, Niigata, Yamanashi, Shizuoka, Osaka, Hyogo, Yamaguchi, Ehime, and Kochi prefectures), the majority (142/159, 89.3%) were associated with visiting Yoyogi Park or its vicinity. The tendency of new case is decreasing and the latest new case is reported on 15 October. To date, dengue virus serotype 1 was identified, and it is likely of Southeast Asian origin.

Malaysia

The number of dengue cases in Malaysia is still higher than last year's. Week 41 had shown a decrease of 14.9% in the number of reported new cases compared with the previous week. (Graph 1)
As of 11 October 2014:

- Cumulative number of reported cases: 80,578
- Cumulative number of deaths reported: 153



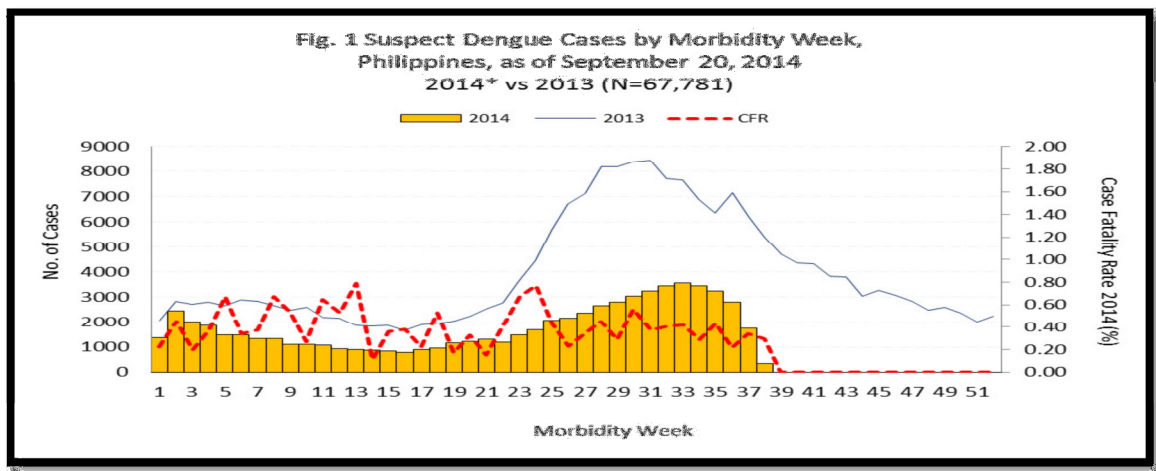
Graph 1: Number of dengue cases by week, Department of Health, Malaysia

Philippines

Total number of cases reported in Philippines follows the seasonal pattern and showing a decreasing trend since week 33. It reported 57.6% lower rate compared to the same period last year. (Graph 2)

As of 20 September 2014:

- Cumulative number of reported cases: 67,781
- Cumulative number of deaths reported: 269



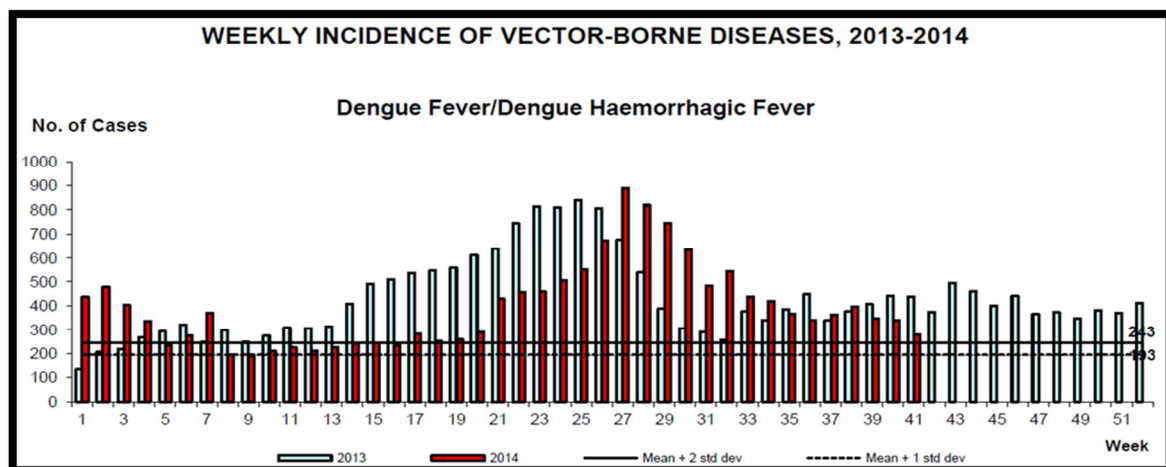
Graph 2: Number of dengue cases by week, Department of Health, National Epidemiology Center

Singapore

Total number of reported dengue cases shows a marked seasonal pattern (Graph 3).

Cumulative cases reported until 11 October 2014.

- Cumulative number of reported cases: 16,067
- Cumulative number of deaths: 4 (no update available)



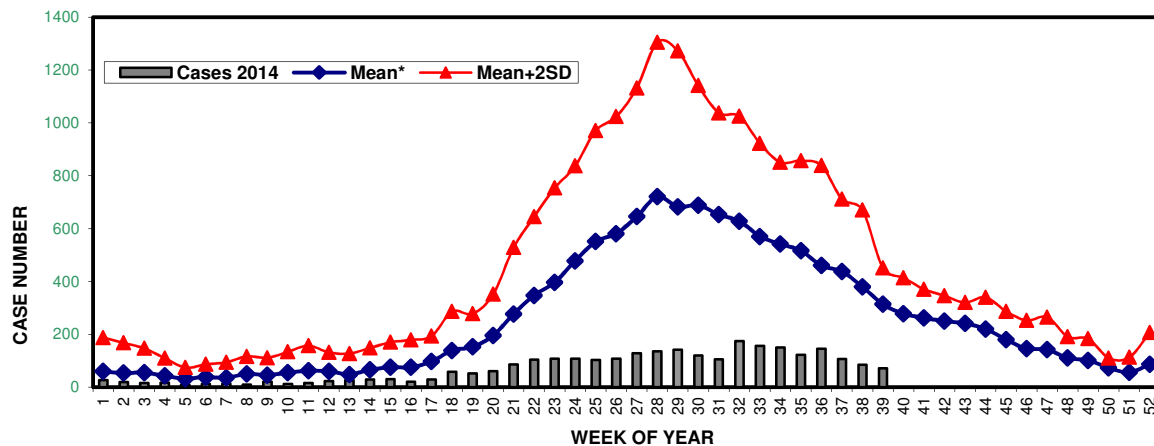
Graph 3: Number of dengue cases per week, Communicable Disease Division, Ministry of Health Singapore

Mekong area

Cambodia

Cambodia has experienced a relatively stable number of new cases reported per week during 2014, (Graph 4). Overall in Cambodia, continues to experience a much lower number of cases since 2008, however, data for 2012 are excluded. As of 22 September 2014,

- Cumulative cases reported 2014: 2,757
- Cumulative deaths reported 2014: 17

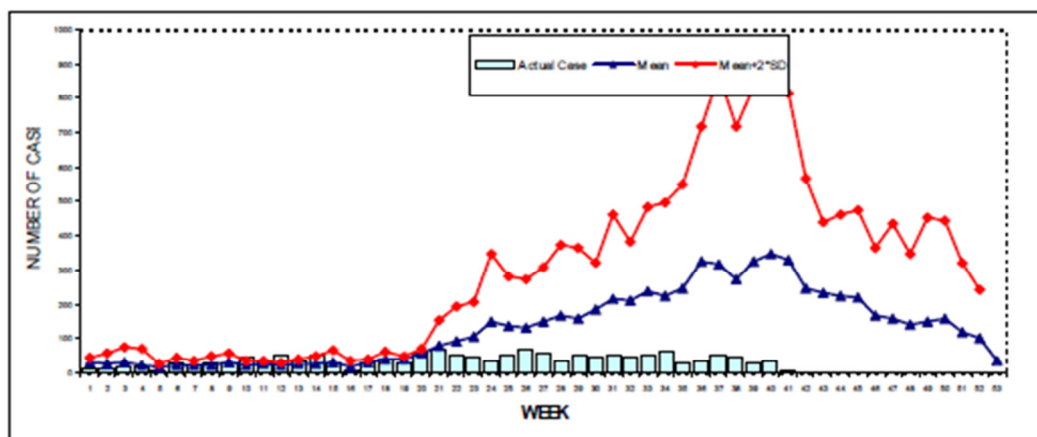


Graph 4: Comparative annual data of dengue cases by month, Ministry of Health Cambodia

Lao PDR

Lao continues to experience a lower number of cases than the mean (Graph 5). Total reported cases as per 10 October 2014:

- Cumulative cases reported 2014: 1,561
- Cumulative deaths reported 2014: 0



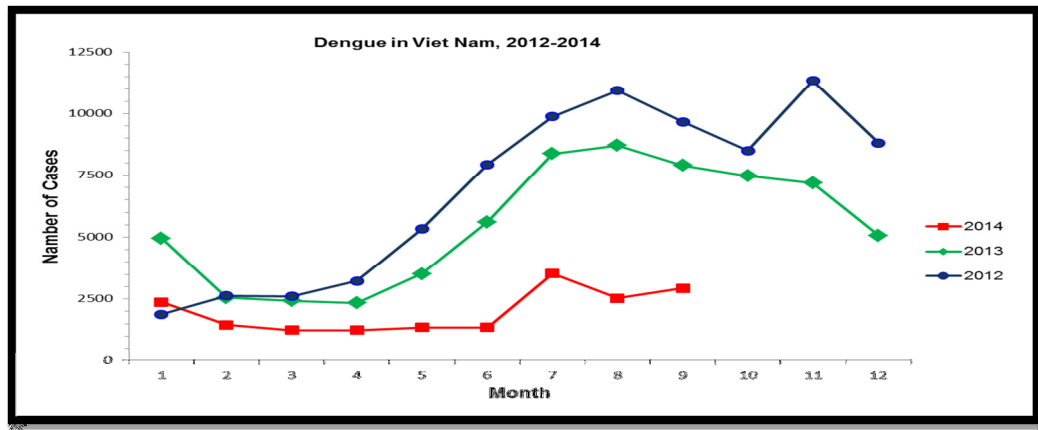
Graph 5: Number of cases per week, National Center for Laboratory and Epidemiology, MoH

Viet Nam

No update available.

Cumulative number of dengue cases since August was 14,381 cases and 15 deaths. In comparison with same period last year (38,509 case in 2013) number of cases decreased by 62.7% and deaths (26 in 2013) decreased by 42.3% (Graph 6)

- Cumulative cases reported 2014: 14,381
- Cumulative deaths reported 2014: 15



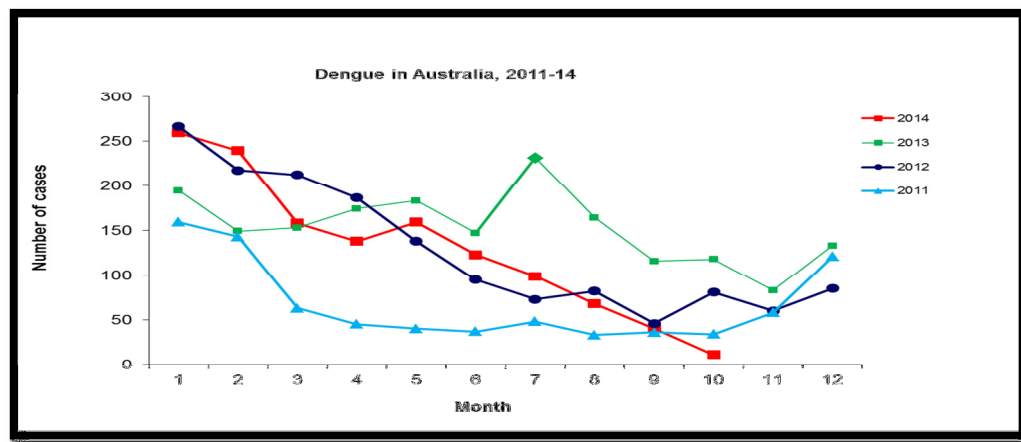
Graph 6: Number of reported dengue cases 2012-2014, Viet Nam

Southern Hemisphere

Australia

Year on year trend analysis comparing 2014 with last three years shows there has been significant decreases of dengue cases in Australia (Graph 7).

- Cumulative of cases reported 2014: 1,294
- Cumulative of deaths reported 2014: NA



Graph 7: Number of reported dengue cases 2011-2014, Department of Health, Australia

Pacific Islands

Fiji

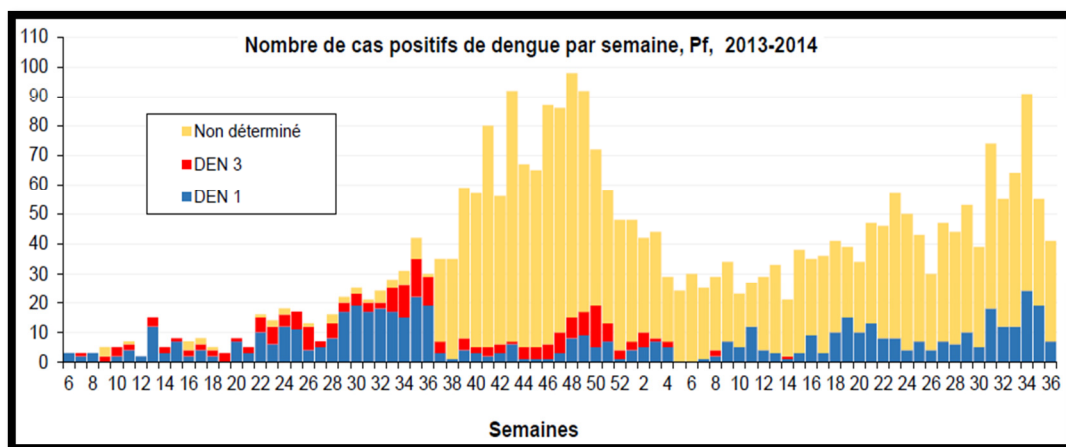
No update available.

The latest available data are until 22 June:

- Cumulative number of reported cases 26,595
- Cumulative number of deaths reported 16

French Polynesia

Dengue serotype-1 outbreak continues in French Polynesia with 39 confirmed cases in Week ending 28 September 2014 (Graph 8)



Graph 8: Number of positive cases of dengue per week, 2013-2014, Centre for Occupational Health and public safety, French Polynesia

Nauru

No update available.

As of 15 July 2014:

- Cumulative number of suspected cases: 243
- Cumulative number of suspected cases, tested positive: 88

Tuvalu

No update available.

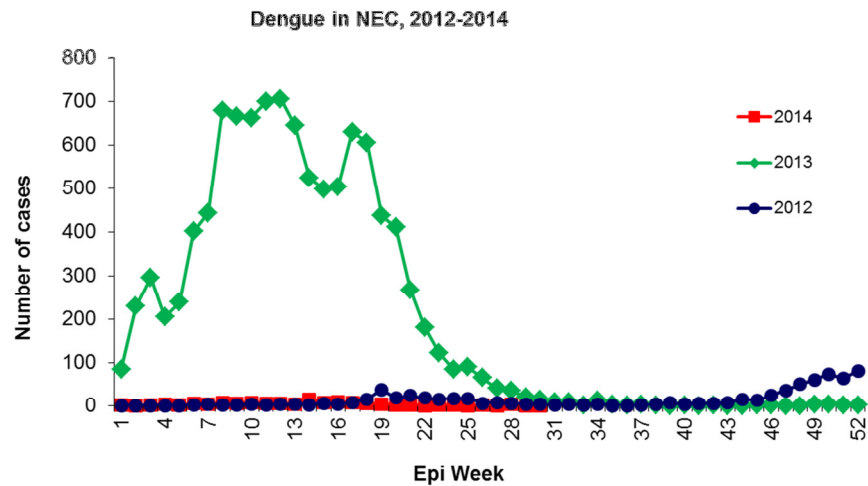
As of 4 July 2014:

- Cumulative number of suspected cases: 408
- Cumulative number of positive RDT cases : 195

New Caledonia
No update available.

Until week 30, Noumea experience a lower number of cases reported than in 2013 and 2012 (Graph 8).

- Cumulative cases reported 2014: 105
- Cumulative deaths reported 2014: NA
- Cases reported in the latest reporting period: 0



Graph 9: Number of dengue cases per Epi week, Pacific Public Health Surveillance Network

Tonga

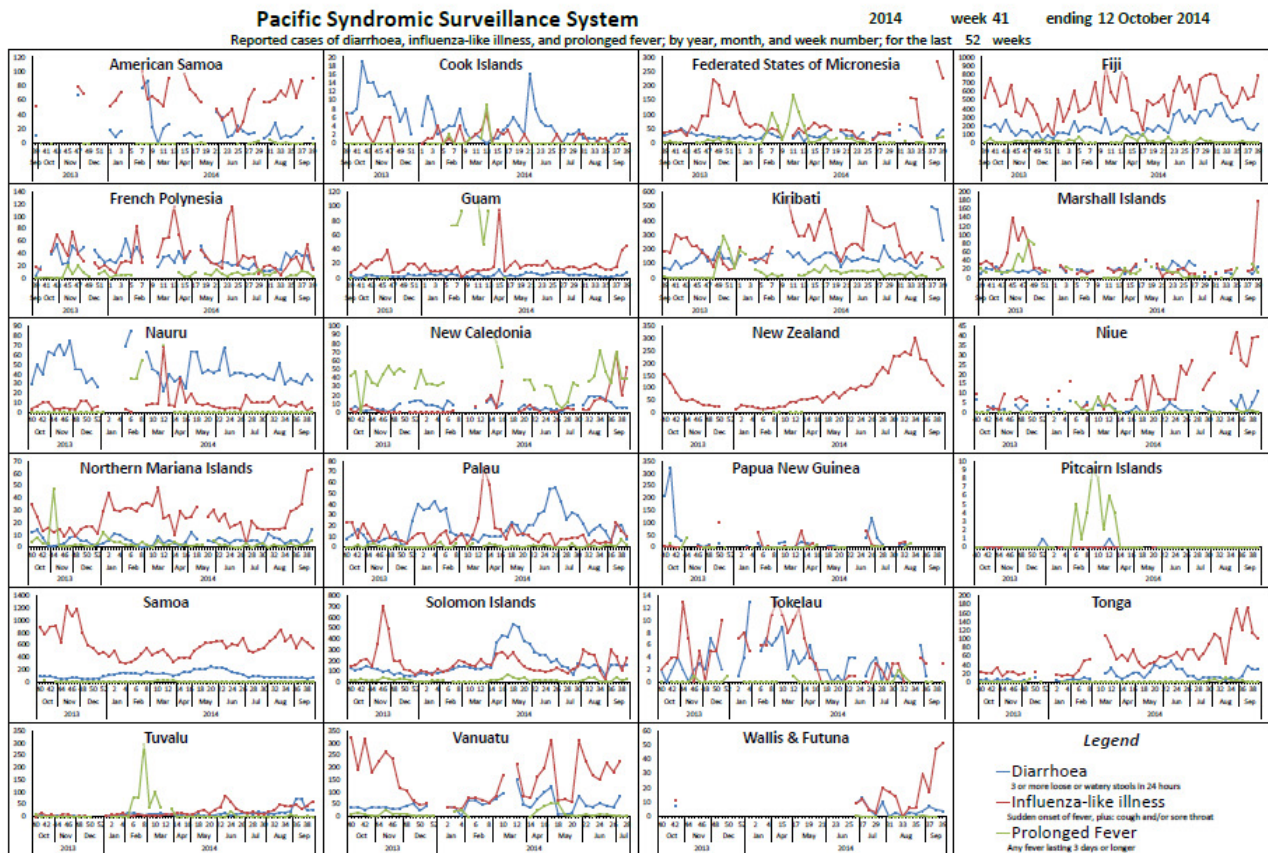
An on-going dengue serotype-3 outbreak been reported.

Syndromic surveillance summary

Pacific Islands

Pacific Syndromic surveillance data of reported cases with prolonged fever which can be dengue associated.¹

As of ending 12 October 2014,



¹ *Dengue is one of the diseases that is important to consider for the prolonged fever