

Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia

As of week 51, 2018, a total of 9,885 suspected dengue cases have been reported in Cambodia. In week 50 and 51, there were 161 and 150 new suspected cases, respectively. Although the number of suspected dengue cases is above the threshold level, it has decreased since week 47, following a seasonal trend (Figure 1).

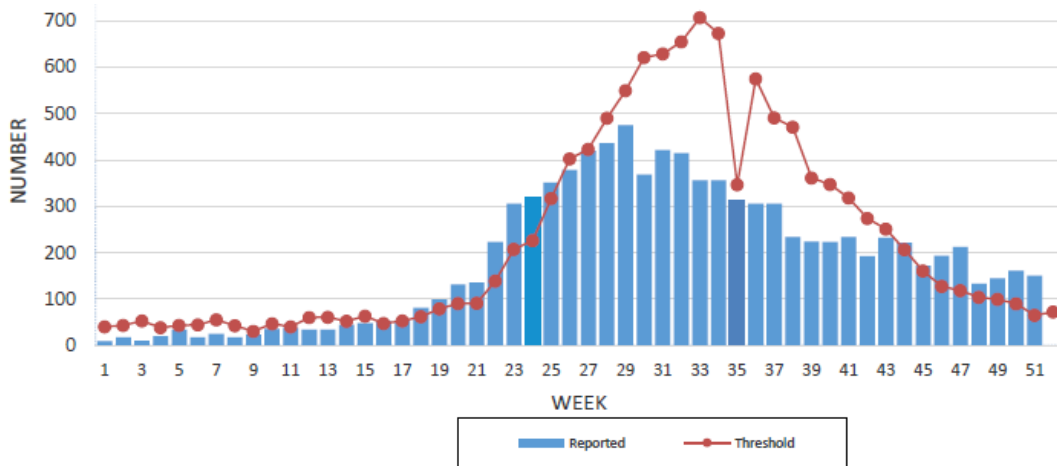


Figure 1: Dengue fever, Dengue haemorrhagic fever, and Dengue shock syndrome cases reported weekly in 2018, Ministry of Health, Cambodia

China (no update)

In November, 2018, 728 dengue cases were reported in China. The number of cases decreased compared to the last month, similar to the same month last year. There have been 4,957 dengue cases reported to date in 2018. (Figure2).

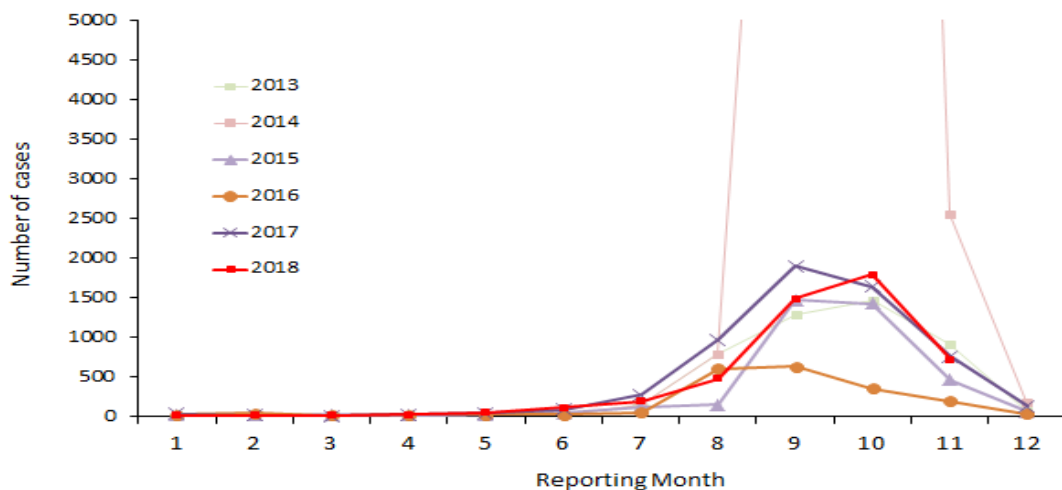


Figure 2: Dengue cases reported monthly in 2013-2018, National Health and Family Planning Commission, China

Lao PDR

In week 50 and 51, a total of 225 dengue cases were reported, bringing the cumulative number so far this year to 6,204 (Figure 3). Dengue activity shows an increasing trend since week 49 following the decrease since week 29.

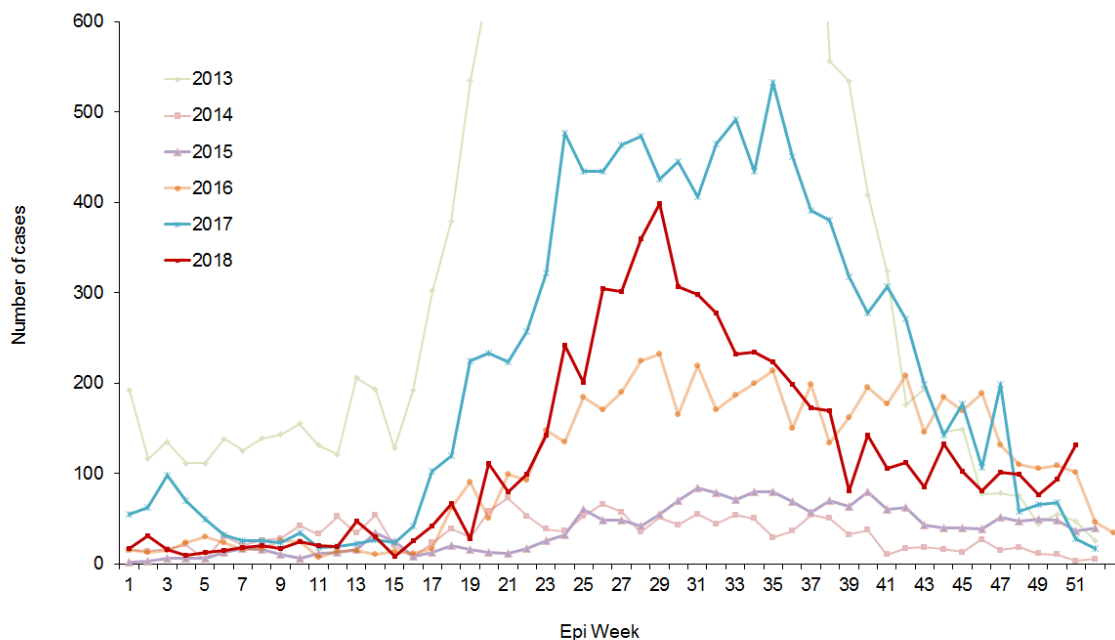


Figure 3: Dengue cases reported weekly in 2013-2018, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR

Malaysia

During week 51 and 52, a total of 5,003 dengue cases including twelve deaths were reported, bringing the cumulative number of cases in 2018 to 80,615 with 147 deaths, as of 29 December. There has been an upward trend in cases since week 37 (Figure 4).

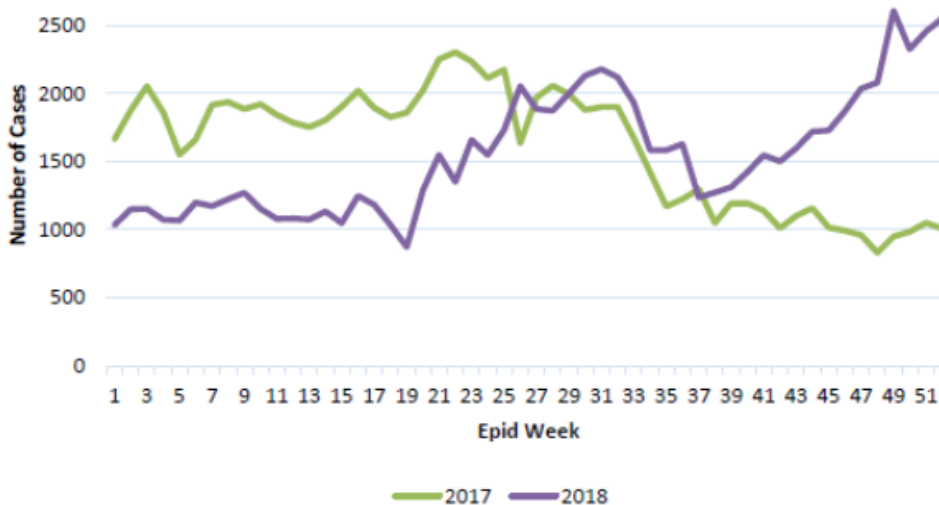


Figure 4: Dengue cases reported weekly in 2017 and 2018, Department of Health, Malaysia

Philippines

A total of 199,271 dengue cases have been reported nationwide from 1 January to 8 December 2018 (Figure 5), which is higher compared to 144,915 cases during the same period in 2017. The number of cases is decreasing, following a seasonal trend.

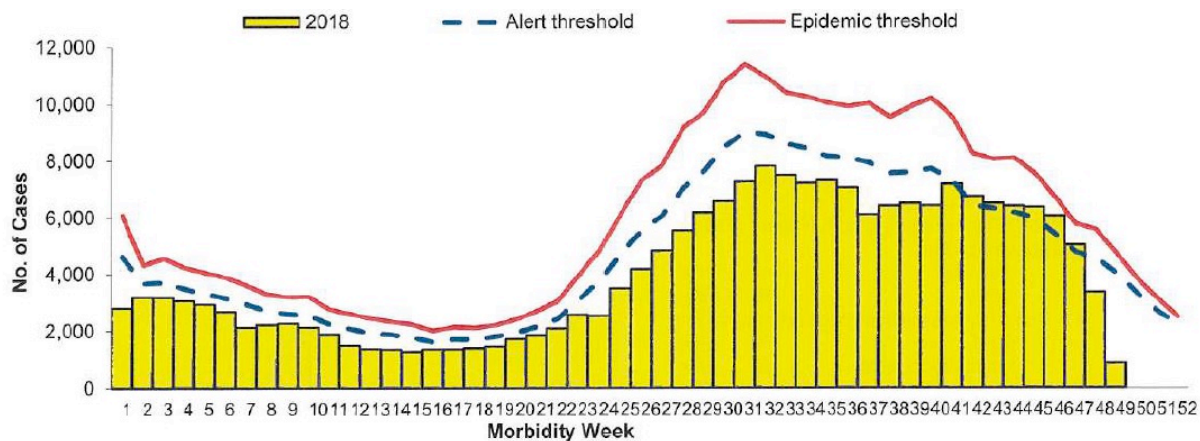


Figure 5: Dengue cases reported from weeks in 2018, Philippine Integrated Diseases Surveillance and Response, Public Health Surveillance Division, MOH, Philippines

Singapore

In week 50 and Week 51, there were 238 dengue cases reported in Singapore, with a total of 3,126 cases reported in 2018. Dengue activity in 2018 remains low, however, there is a slight increase since week 47 (Figure 6).

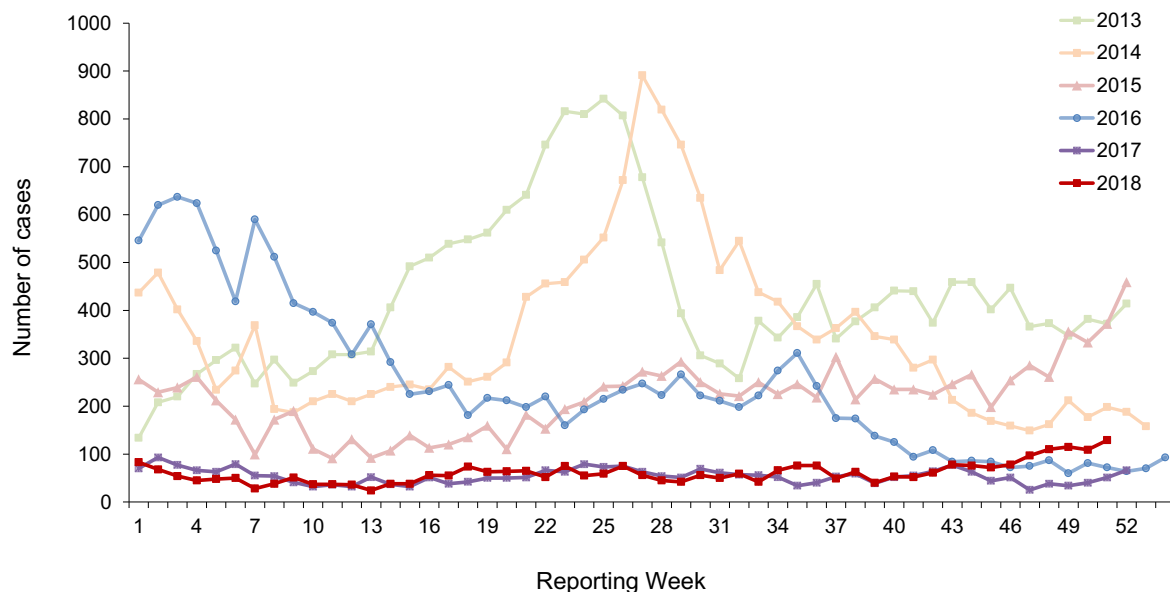


Figure 6: Dengue cases reported weekly in 2013-2018, Communicable Diseases Division, Ministry of Health, Singapore

Viet Nam (no update)

During week 47, a total of 5,046 new dengue cases with one death were reported from 55 out of 63 provinces, bringing a cumulative total of 113,850 cases with 16 deaths in 2018. There has been an increase in cases since week 22, though a slight decrease in week 47 (Figure 7).

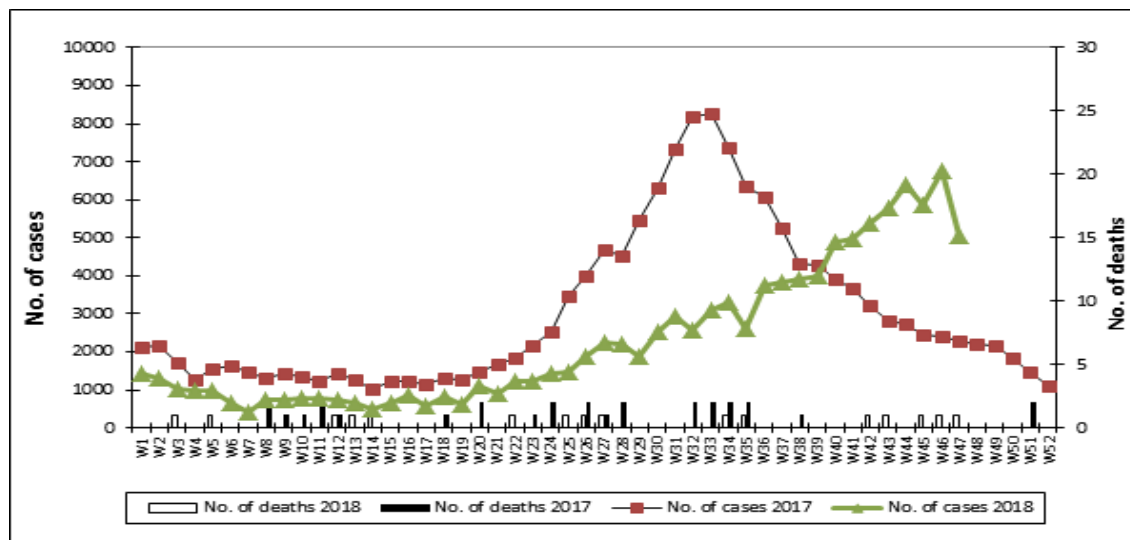


Figure 7: Dengue cases and deaths reported weekly in 2017-2018, General Department of Preventive Medicine, Ministry of Health, Viet Nam

Southern Hemisphere

Australia

As of 3 January 2019, a total of 824 dengue cases have been reported since the beginning of this year in Australia. Fewer cases have been reported to date in 2018 compared to the previous five years (Figure 8).

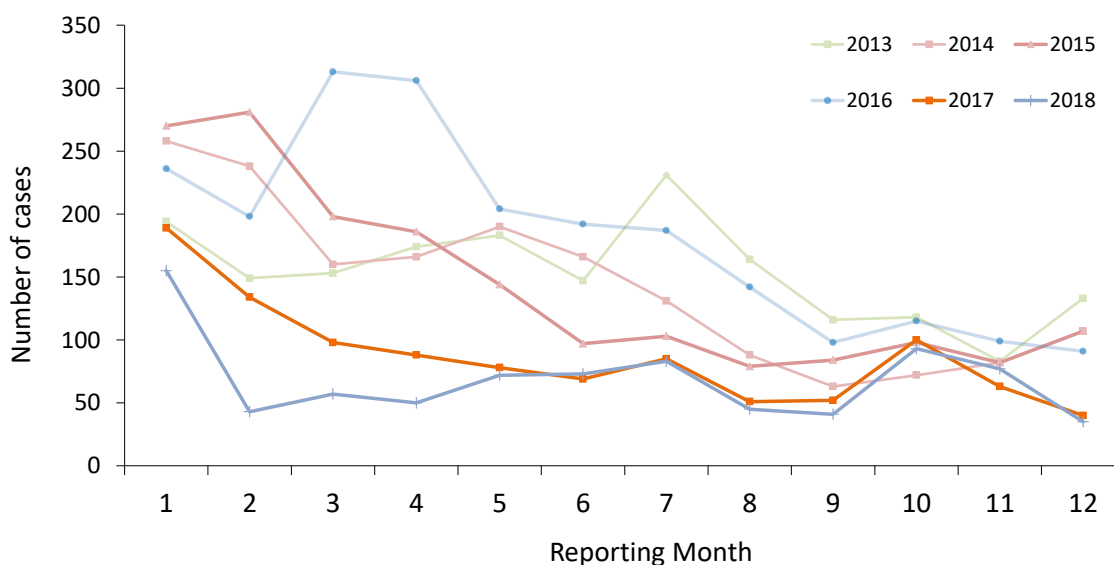


Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2018, Department of Health, Australia

Pacific Islands Countries

French Polynesia

During week 49 and 50, there were 16 dengue cases reported. Of these, 13 cases were confirmed and 11 cases were serotype DENV-1 infection (Figure 9).

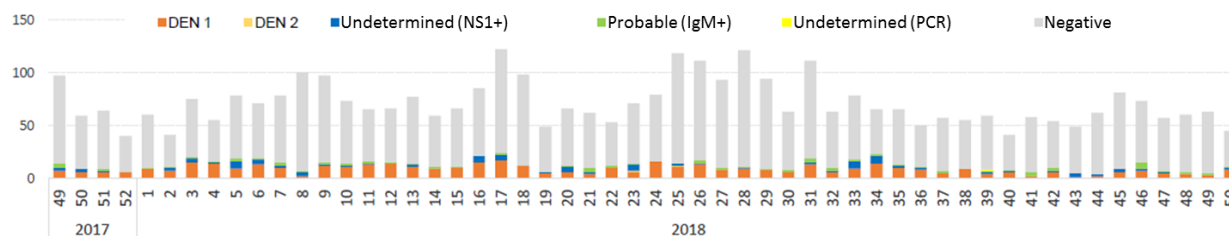


Figure 9: Samples and confirmed cases of dengue reported weekly in 2017-2018, Centre for Occupational Health and Public Safety, French Polynesia

New Caledonia

As of 26 December, there has been a total of 2,030 dengue cases including two deaths reported since the beginning of 2018 (Figure 10), showing an upward trend from week 41 onward. DENV-2 was the predominant circulating serotype, comprising 1,149 (86%) of 1,336 typed cases.

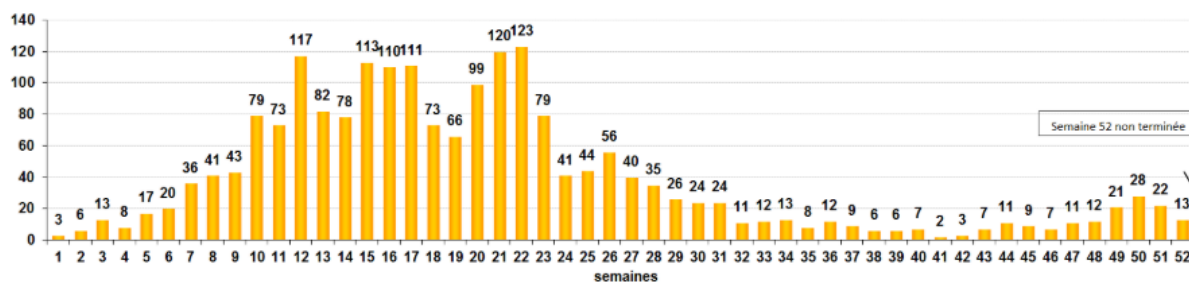


Figure 10: syndromic and confirmed dengue cases reported by weekly from 1 January 2018, Network of sentinel physicians, New Caledonia