

Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia

As of week 41, 2018, a total of 7 622 suspected dengue cases have been reported in Cambodia. In week 40 and 41, there were 223 and 234 new suspected cases, respectively. The number of suspected dengue cases reported in 2018 remains below threshold level, showing decreasing trend since week 29 (Figure 1).

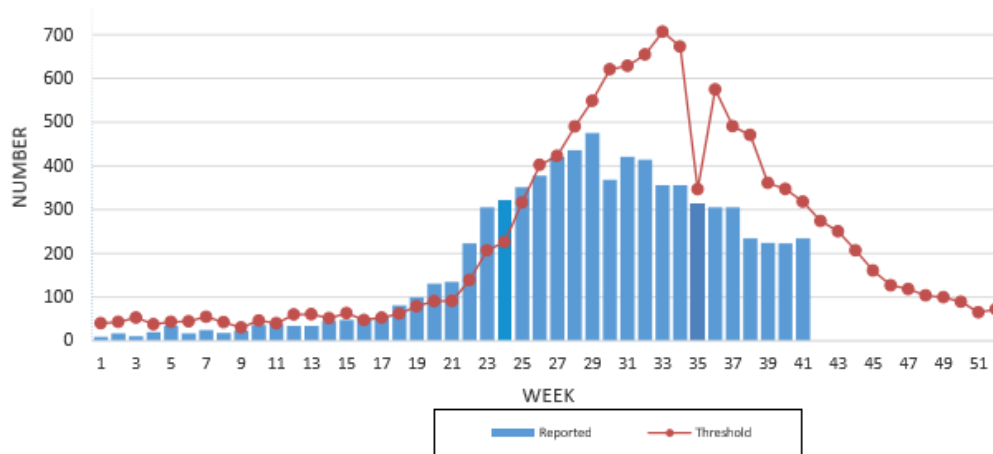


Figure 1: Dengue fever, Dengue haemorrhagic fever, and Dengue shock syndrome cases reported weekly in 2018, Ministry of Health, Cambodia

China

In September, 2018, 1 497 dengue cases were reported in China. There have been 2 430 dengue fever cases reported cumulatively in 2018. Although the number of reported cases has increased since May, it is consistent with trends during the same period in previous years (Figure 2).

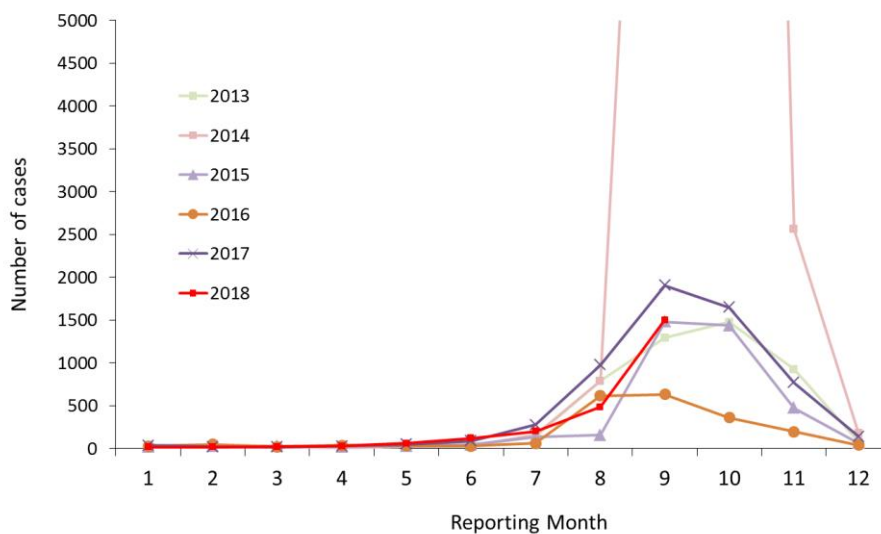


Figure 2: Dengue cases reported monthly in 2013-2018, National Health and Family Planning Commission, China

Lao PDR

In week 40 and 41, a total of 247 dengue cases were reported, bringing the cumulative number of dengue cases so far this year to 5 300 (Figure 3). Dengue activity has decreased since week 29.

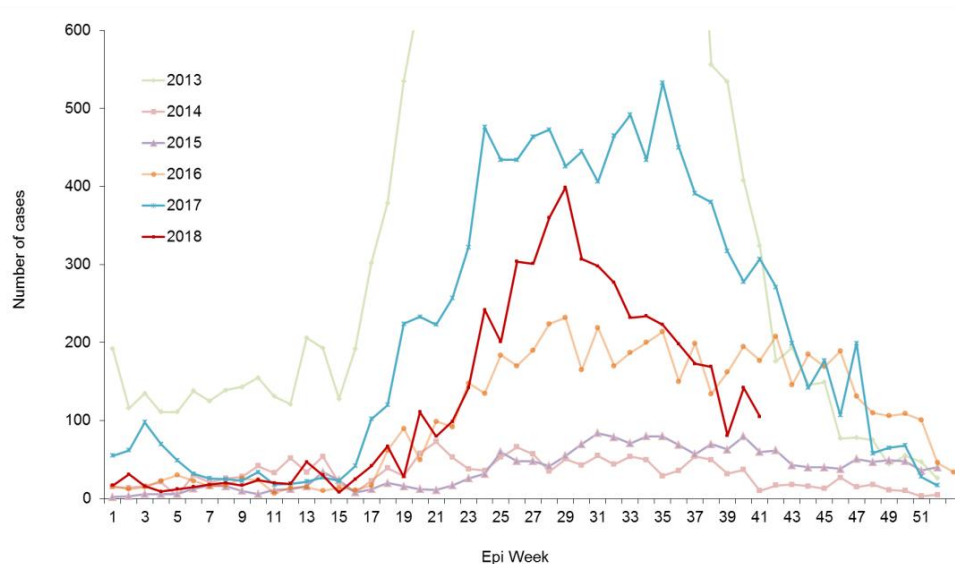


Figure 3: Dengue cases reported weekly in 2013-2018, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR

Malaysia

During week 41, a total of 1 547 dengue cases including two deaths were reported, bringing the cumulative number of cases in 2018 as of 13 October to 58 155 with 100 deaths (Figure 4). The number of cases has increased during the previous three weeks.

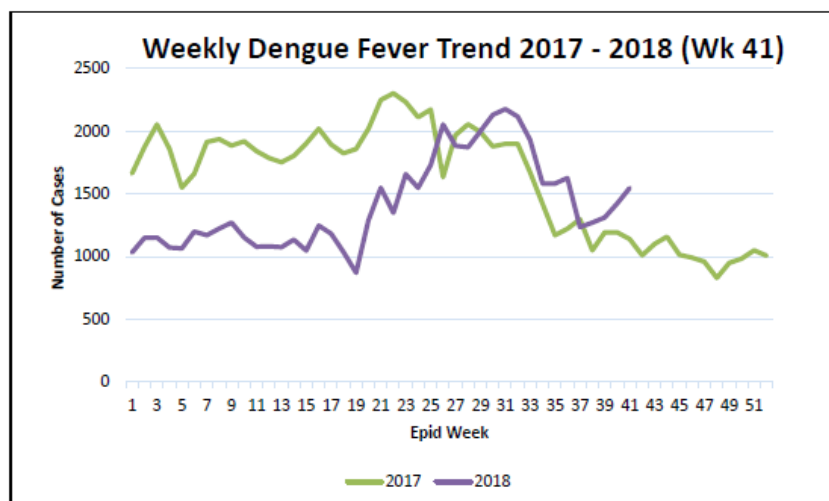


Figure 4: Dengue cases reported weekly in 2017-2018, Department of Health, Malaysia

Philippines (no updates)

A total of 106 386 dengue cases have been reported nationwide from 1 January to 8 September 2018 (Figure 5). This is similar to the same period in 2017, in which 99 567 cases were reported. The number of cases is below the alert threshold.

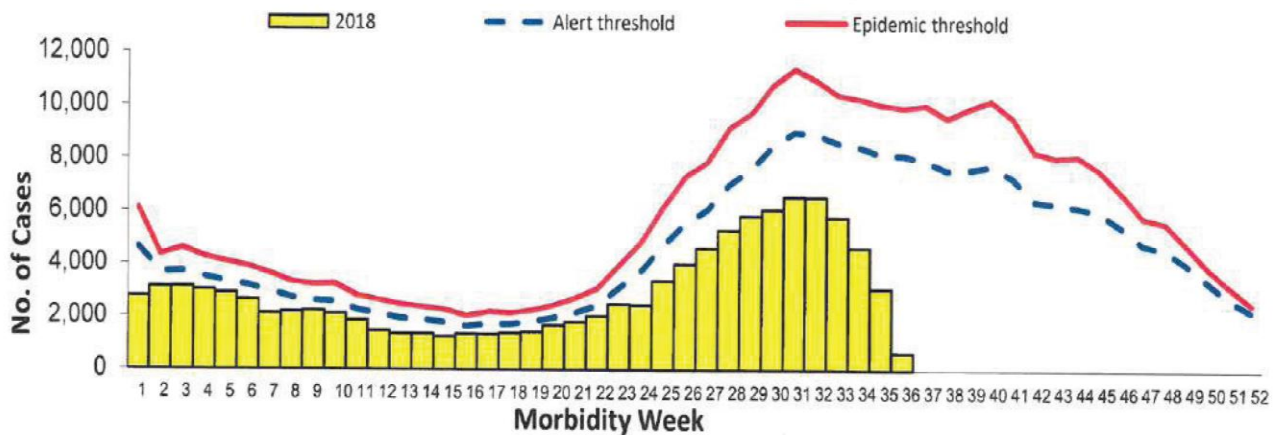


Figure 5: Dengue cases reported from weeks in 2018, Philippine Integrated Diseases Surveillance and Response, Public Health Surveillance Division, MOH, Philippines

Singapore

In week 40, there were 53 dengue cases reported in Singapore, with a total of 2 134 cases reported in 2018. Dengue activity in 2018 remains low, and the trend is similar to 2017 (Figure 6).

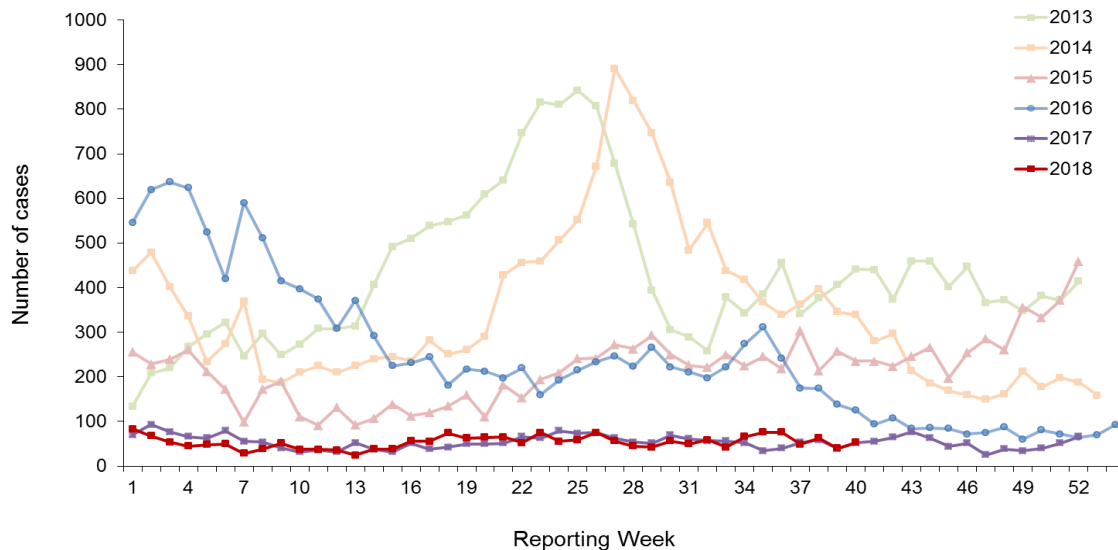


Figure 6: Dengue cases reported weekly in 2013-2018, Communicable Diseases Division, Ministry of Health, Singapore

Viet Nam

During week 41, a total of 3 895 new dengue cases with no deaths were reported from 52 out of 63 provinces, bringing a cumulative total of 77 355 cases with 11 deaths in 2018. Compared to the same period in 2017 (154 420 cases including 34 deaths), a cumulative total number of cases decreased by 49.9% (Figure 7).

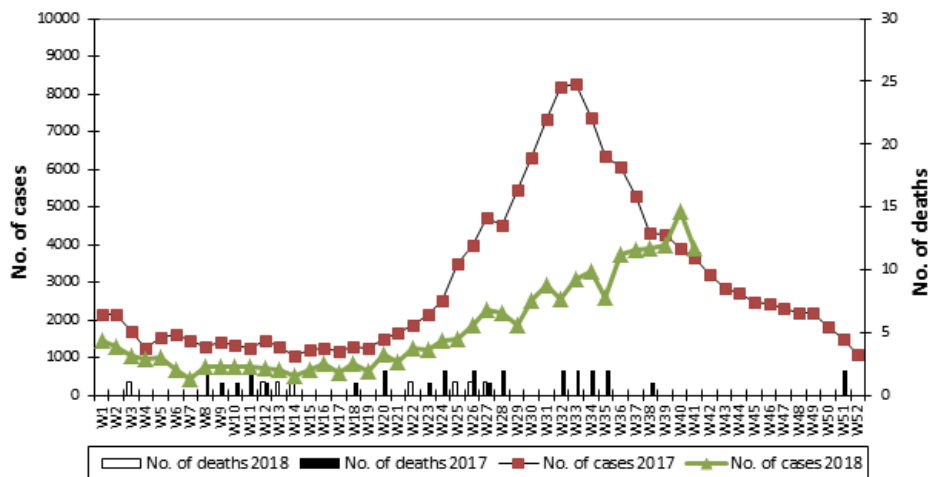


Figure 7: Dengue cases and deaths reported weekly in 2017-2018, General Department of Preventive Medicine, Ministry of Health, Viet Nam

Southern Hemisphere

Australia

As of 23 October 2018, a total of 597 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).

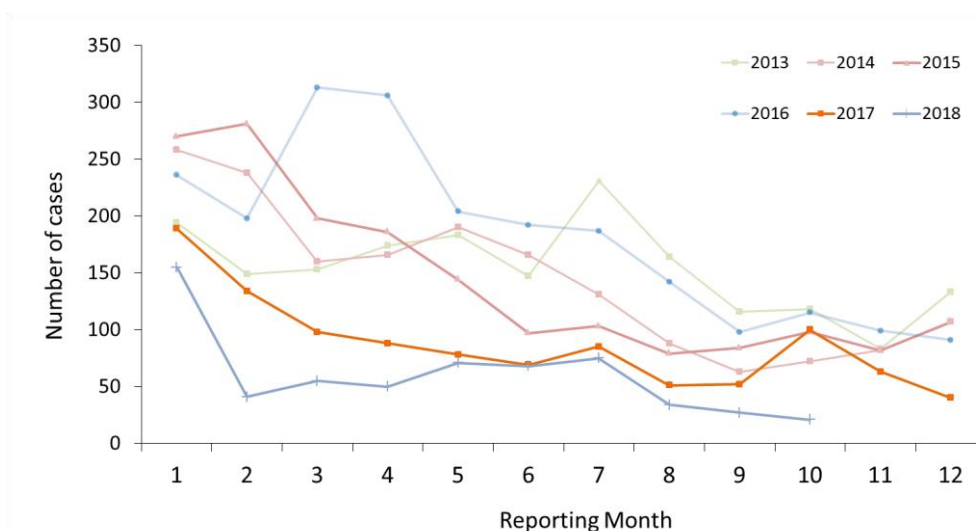


Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2018, Department of Health, Australia

Pacific Islands Countries

French Polynesia

During week 39 and 40, there were 16 dengue cases reported. Of these, 10 cases were confirmed as DENV-1 infection (Figure 9), and 50% were children under 15 years of age.

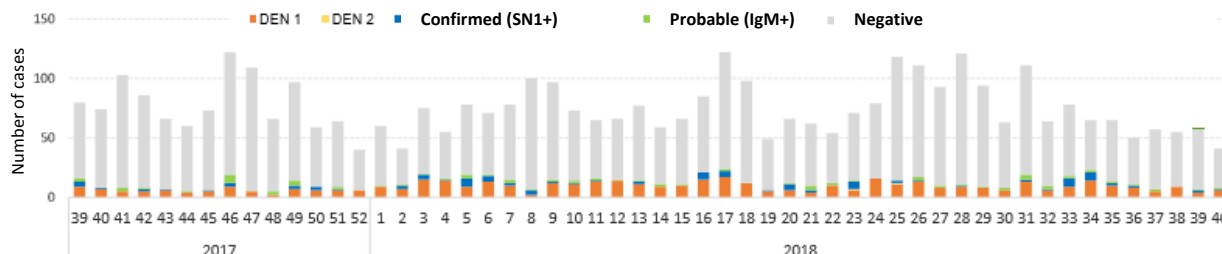


Figure 9: Samples and confirmed cases of dengue reported weekly in 2017-2018, Centre for Occupational Health and Public Safety, French Polynesia

New Caledonia

As of 10 October, there has been a total of 1 884 dengue cases including two deaths reported since the beginning of 2018 (Figure 10), a downward trend has been seen from week 23 onward. DENV-2 was the predominant circulating serotype, comprising 1 064 (85%) of 1 250 typed cases.

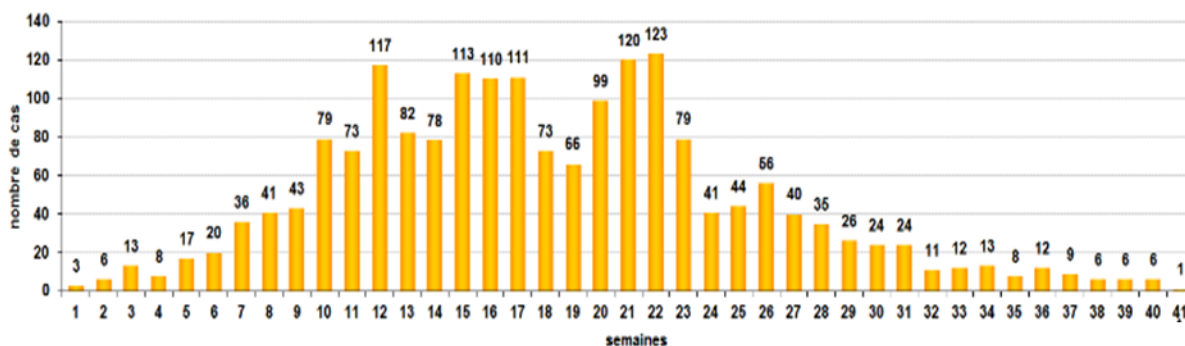


Figure 10: syndromic and confirmed dengue cases reported by weekly from 1 January 2018, Network of sentinel physicians, New Caledonia