

## Update on the Dengue situation in the Western Pacific Region

### Northern Hemisphere

#### Cambodia

As of 19 September 2017, a total of 2,299 suspected dengue cases were reported in 2017. The total number of reported dengue cases including dengue haemorrhagic fever and dengue shock syndrome was lower than the 3 year-threshold of the same period from 2014-2016 (Figure 1).

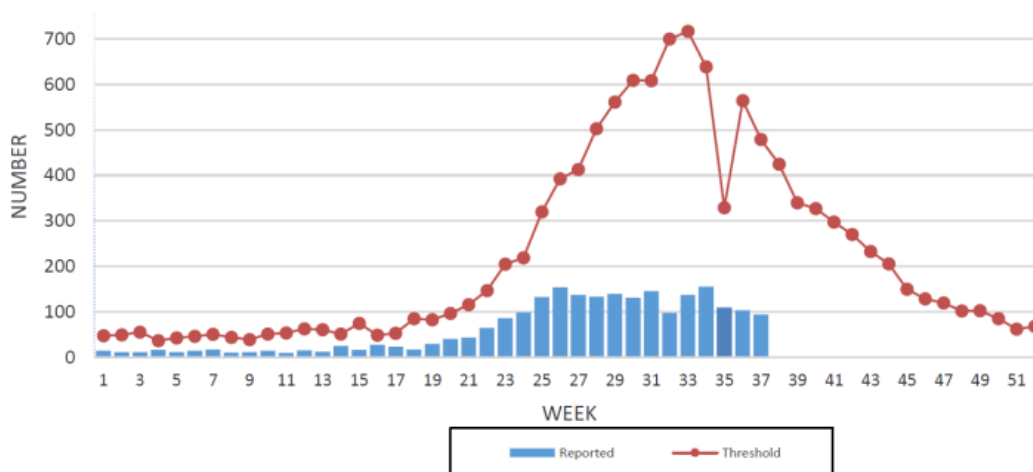


Figure 1: Number of cases of Dengue fever, Dengue haemorrhagic fever, and Dengue shock syndrome Reported by week in 2017 and threshold, Ministry of Health, Cambodia

#### China

As of 31 August, there were 1,477 cases of dengue reported in China in 2017. This number is higher than that reported during the same period since 2012 (Figure 2) but follows historical trend.

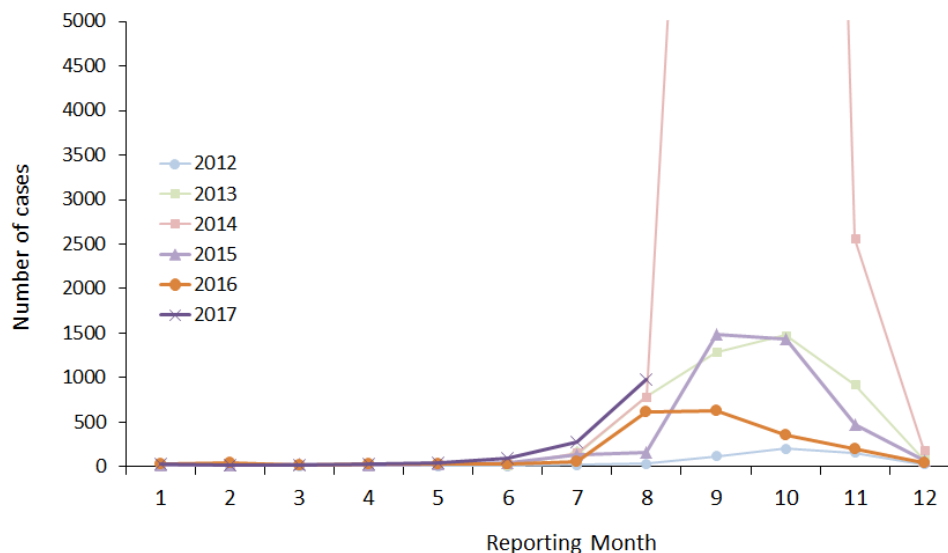
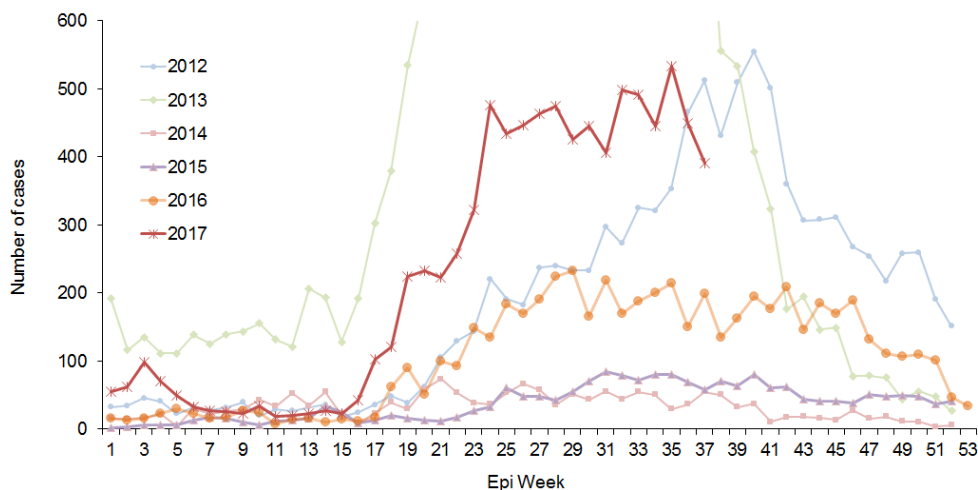


Figure 2: Number of Dengue cases per month, China 2012-2017  
National Health and Family Planning Commission, China

## Lao PDR

As of 15 September, there were 8,550 cases of dengue with 11 deaths reported in Lao PDR in 2017, with 391 cases reported in epi week 37. Dengue activity is high with the number of reported cases this year exceeding the epidemic alert threshold (mean+2SD) (Figure 3). In Vientiane capital, there has been 2,839 cases including 2 deaths and there has been an increasing trend of dengue cases. Although cases are much higher than previous years (excluding 2010 and 2013), the increasing trend is expected, following seasonal trend.



**Figure 3: Number of Dengue cases per week, 2017**  
National Center for Laboratory and Epidemiology, Ministry of Health, Lao PDR

## Malaysia

In week 38, 2017 (from 17 to 23 September 2017), 1,050 dengue cases were reported, decreased of 19.1% compared to week 37 (Figure 4). As of week 38, the cumulative number of dengue cases in 2017 was 69,254 with 156 deaths compared to 81,523 cases with 182 deaths during the same period in 2016.



**Figure 4: Weekly Dengue trends in Malaysia, 2016-17**  
Department of Health, Malaysia

## Philippines

A total of 76,391 dengue cases were reported nationwide from 1 January to 2 September, 2017. This number is 45.4% lower (139,937) than that for the same period in 2016. As of 2 September, 413 deaths were reported among reported dengue cases in 2017.

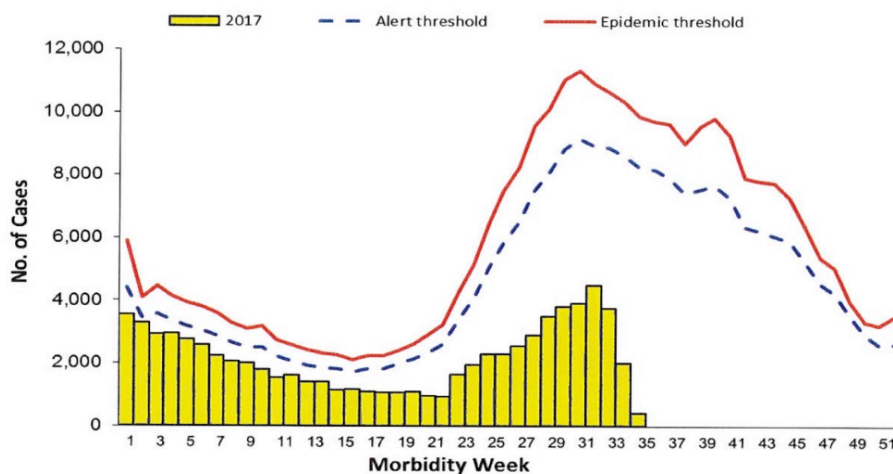


Figure 5: Number of Dengue cases per morbidity week in 2017, Philippine Integrated Diseases Surveillance and Response, Public Health Surveillance Division, MOH, Philippines

## Singapore

As of 16 September 2017, there were 2,018 dengue cases reported in Singapore since January 2017. This is lower than the number of reported cases during the same period since 2013. During week 37, there were 53 cases reported and the number of reported cases in 2017 remains lower than those reported for the same time period in the previous 5 years (Figure 6).

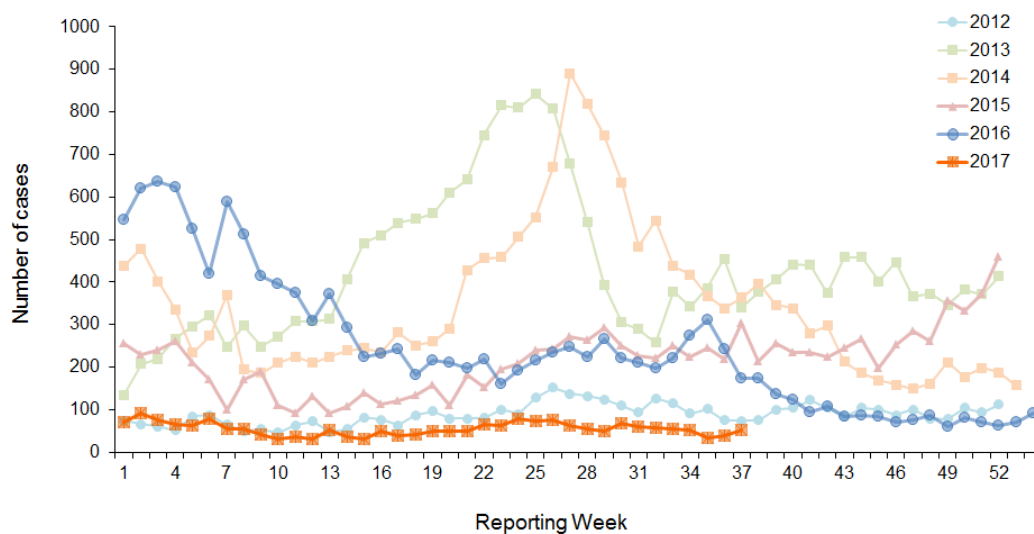


Figure 6 Number of Dengue cases per week, 2012-2017 Communicable Diseases Division, Ministry of Health, Singapore

## Viet Nam

As of 13 September 2017, there were 124,986 cases of dengue reported in Viet Nam including 29 deaths. Compared to the same period in 2016, the cumulative number of cases increased by 43.9% and the number of deaths increased by ten. Although the majority of cases reported are from the South (49%), a sharp increase in the number of cases has been observed in the northern region (almost 31 times compared to the same period last year), especially from Ha Noi with 28,158 cases. Although cases are much higher than in previous years, there is now a consistent downward trend being seen.

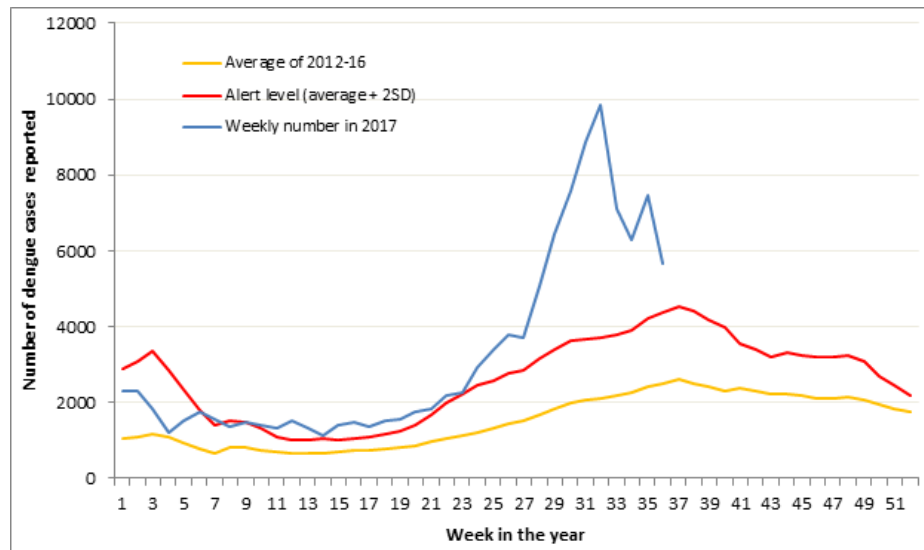


Figure 7: Number of dengue cases reported by month in 2017 compared to 2016  
General Department of Preventative Medicine, Ministry of Health, Viet Nam

## Southern Hemisphere

### Australia

As of 26 September, there were 773 laboratory-confirmed dengue cases reported in Australia in 2017. The number of cases reported is lower than that reported during the same period in the previous years (2012-2016) (Figure 8).

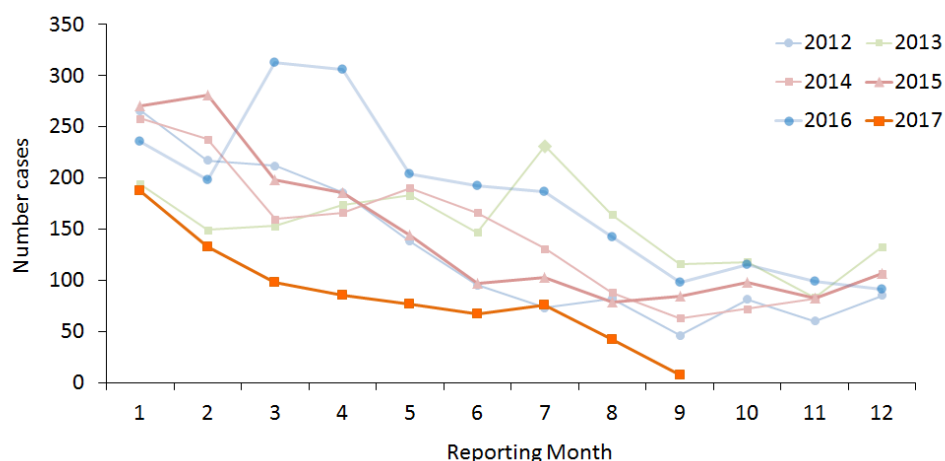


Figure 8: Number of reported laboratory-confirmed Dengue cases per month, 2012-2017  
Department of Health, Australia

## Pacific Islands Countries and Areas

### French Polynesia

Between week 35 and 36, there were 27 confirmed cases reported. Among these, 21 cases (77.8%) were confirmed as DENV-1 infection and 12 cases (44%) were children under 15 years of age.

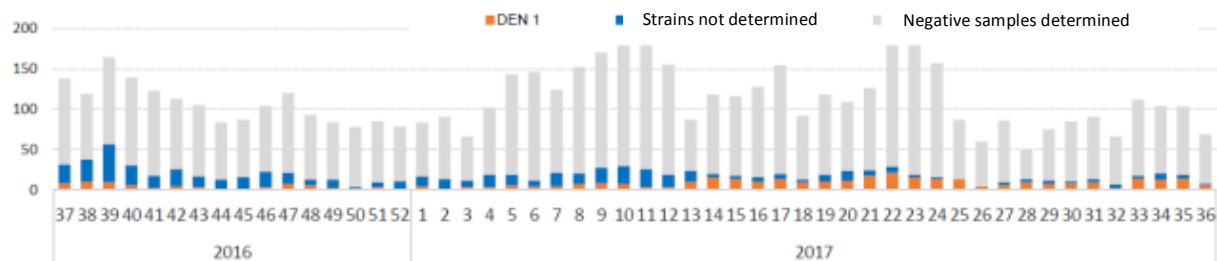


Figure 9: Number of samples and confirmed cases of dengue per week (all laboratories), 2016-17  
Centre for Occupational Health and Public Safety, French Polynesia

### New Caledonia

As of 17 September 2017, 4,499 dengue cases were reported in 2017. There is downward trend in the number of reported cases since week 16 (Figure 10).

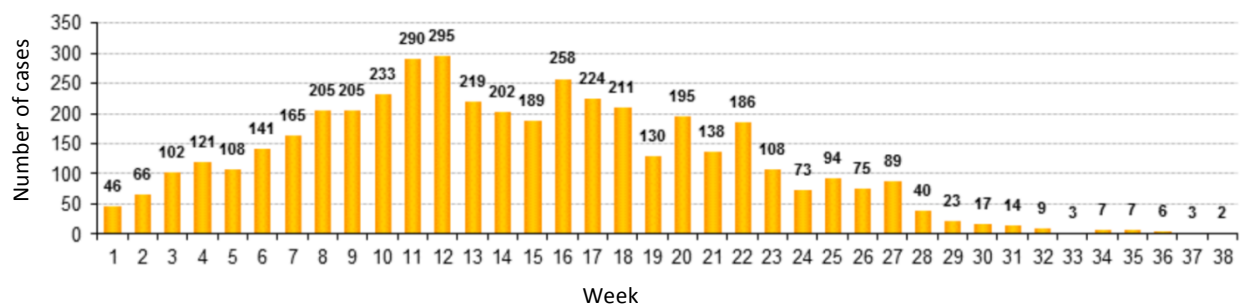


Figure 10: Number of laboratory-confirmed cases for dengue per week in 2017,  
Department of Health and Social Affairs, New Caledonia