

Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

China (No update)

As of 31 March 2017, there were 67 cases of dengue reported in China in 2017. This number is slightly lower than that reported during the same period in 2016 (91 cases) (Figure 1).

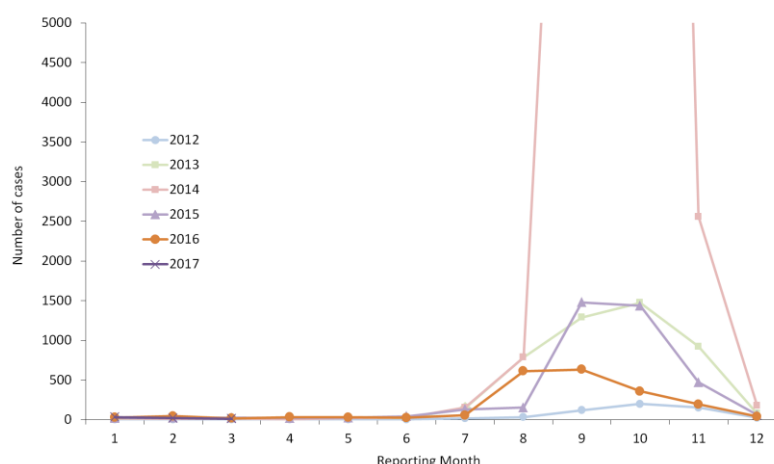


Figure 1: Number of Dengue cases per month, China 2012-2017
National Health and Family Planning Commission

Malaysia

A total of 1,984 cases of dengue were reported during week 17 (from 23 April to 29 April 2017), which is less than the 2,020 cases reported in the previous week (a decrease of 126 cases or 5.4%; Figure 2). The cumulative number of cases reported in 2017 was 31,319 cases as of 29 April 2017, which is lower than that during the same period in 2016 (44,202 cases), a decline of 12,883 cases or 29.1%. As of week 17, there have been a total of 74 deaths related to dengue in 2017, compared with 98 deaths for the same period in 2016, a decrease of 27 deaths (24.5%).

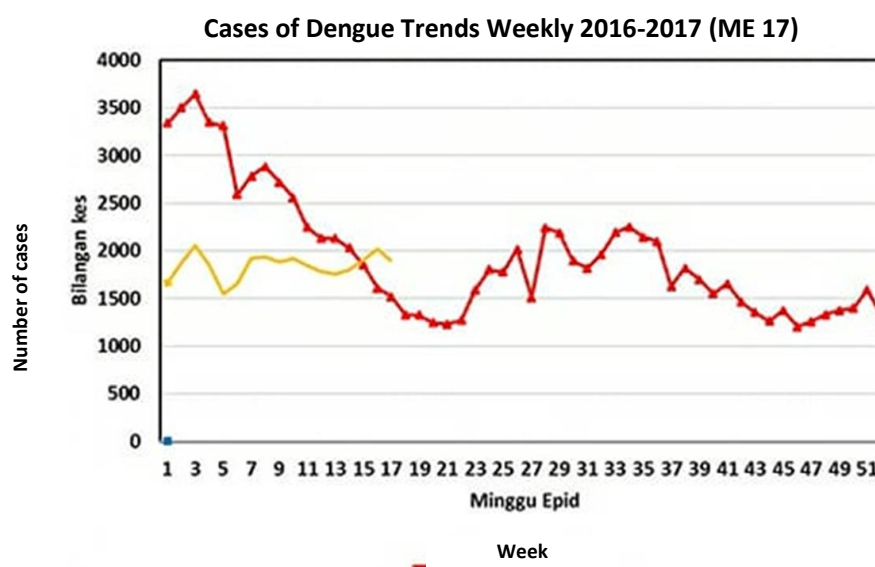


Figure 2: Trend of Weekly Dengue Cases in Malaysia 2016 and 2017 (January to April 29, 2017)
Department of Health, Malaysia

Philippines (No update)

As of 1 April 2017, there were 26,433 suspected cases of dengue reported from 1 January 2017. This is 35.8% lower compared with 41,170 cases for the same period in 2016 (Figure 3).

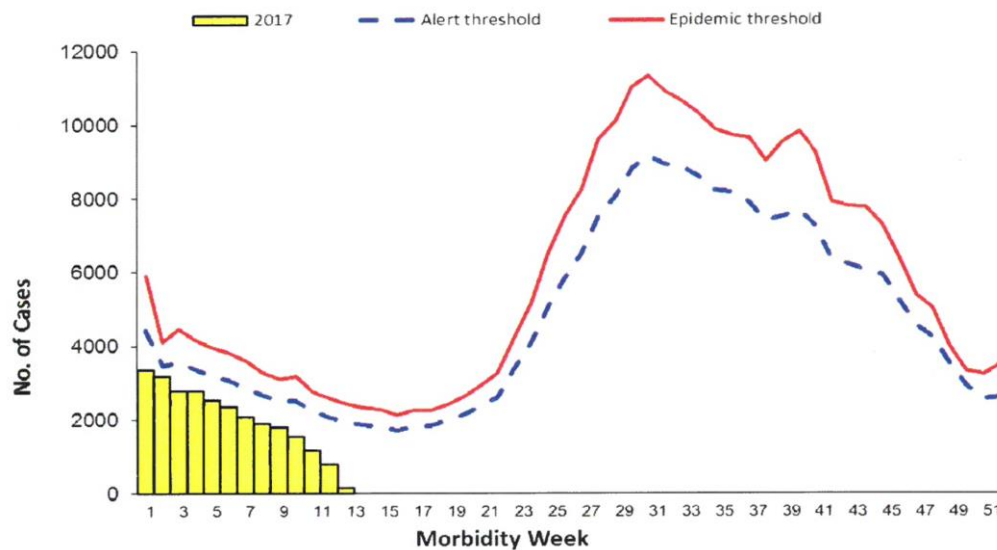


Figure 3: Number of Dengue cases per morbidity week in 2017, Department of Health, National Epidemiology Centre, Philippines

Singapore

As of 28 April 2017, there were 886 dengue cases reported in Singapore since January 2017. This is lower than that the historic number of reported during the same period since 2013. During week 17, there were 38 cases reported compared to 244 cases reported for the same period in 2016 (Figure 4).

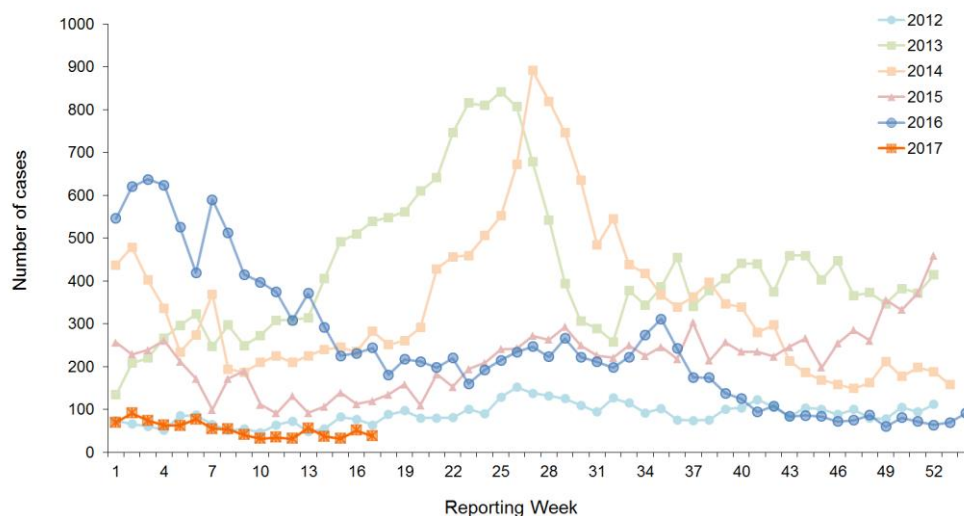


Figure 4: Number of Dengue cases per week 2012-2017, Communicable Diseases Division, Ministry of Health Singapore

Lao PDR

As of 28 April 2017, there were 727 cases of dengue with no deaths reported in Lao PDR in 2017. During week 17, 102 dengue cases and no deaths were reported. The number of reported cases in 2017 is higher than those reported for the same time period in 2015 and 2016 (Figure 5).

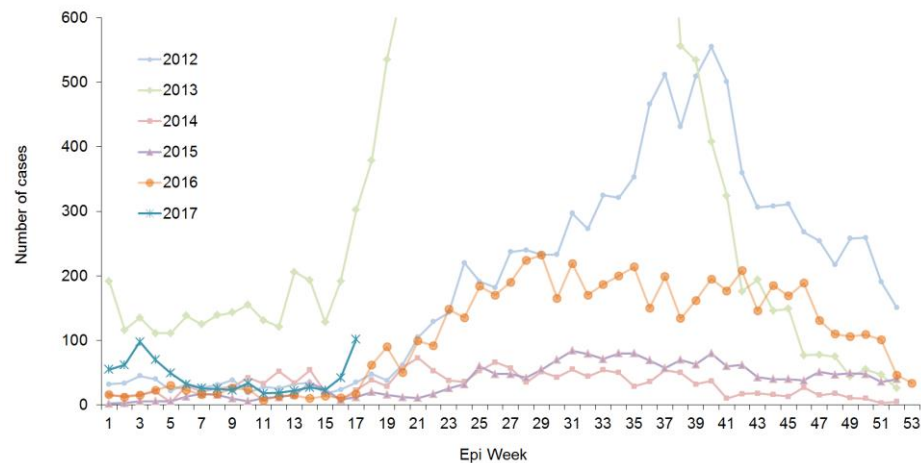
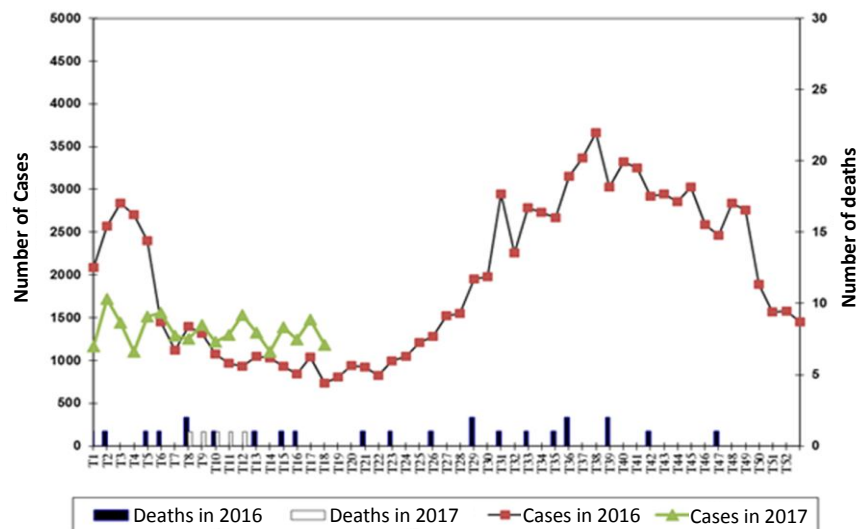


Figure 5: Number of Dengue cases per week, 2012-2017
National Center for Laboratory and Epidemiology, Ministry of Health Lao PDR

Viet Nam

As of 23 April 2017, 26,205 dengue cases including 7 deaths were reported in Viet Nam. Compared to the same period in 2016 (31,870 cases including 9 deaths), the cumulative number of cases decreased by 17.8%, and the number of deaths decreased by two. During week 17, there were 1,186 cases reported and with no deaths. This represents a decrease of 19.6% compared to week 16 when 1,475 cases and no deaths were reported (Figure 6). Majority of reported cases (74.8%) were still from the South (74.8%), and the region has a 53.8% increase in reported cases compared to same period last year. There has been a slight increase in number of cases reported in the Northern and Central Coastal regions and number of cases decreased in the Central Highland region compared to same period last year.



Green line: number of cases reported in 2017 by week
Brown line: number of cases reported in 2016 by week

Figure 6: Number of dengue cases reported by month in 2017 compared to 2016
General Department of Preventative Medicine, Ministry of Health, Viet Nam

Cambodia

As of 2 May 2017, a total of 256 suspected cases of dengue fever were reported in 2017. The total number of cases including dengue haemorrhagic fever and dengue shock syndrome was lower than the 3 year-threshold of the same period from 2014-2016 (Figure 7).

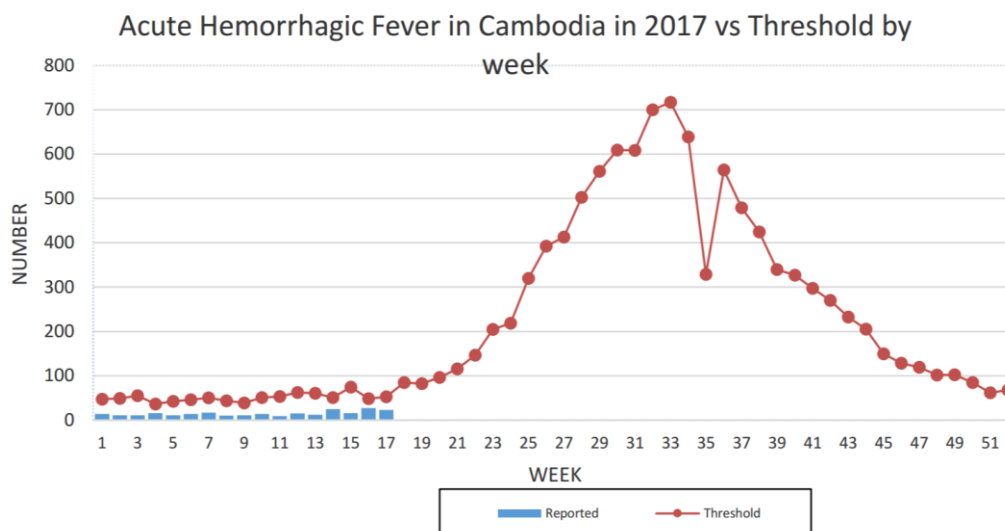


Figure 7: Number of cases of Dengue fever, Dengue haemorrhagic fever, and Dengue shock syndrome Reported by week in 2014 – 2017, Ministry of Health, Cambodia

Southern Hemisphere

Australia

As of 9 May 2017, there were 452 laboratory-confirmed dengue cases reported in Australia in 2017. The number of cases reported is less than that reported during the same time period in the previous years (2012-2016) (Figure 8).

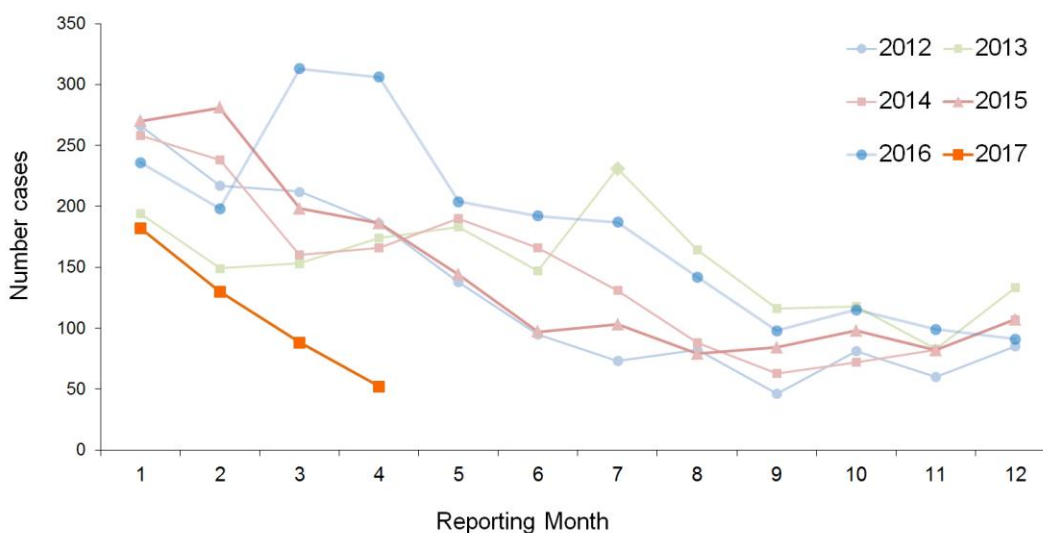


Figure 8: Number of reported laboratory-confirmed Dengue cases per month 2012-2017
Department of Health, Australia

Pacific Islands Countries and Areas

French Polynesia (No update)

A total of 43 confirmed dengue cases were reported in French Polynesia between week 9 and week 10 (19 cases in week 9 and 24 cases in week 10) (Figure 9). Eleven (26%) of the 43 cases were confirmed as DENV-1 infection.

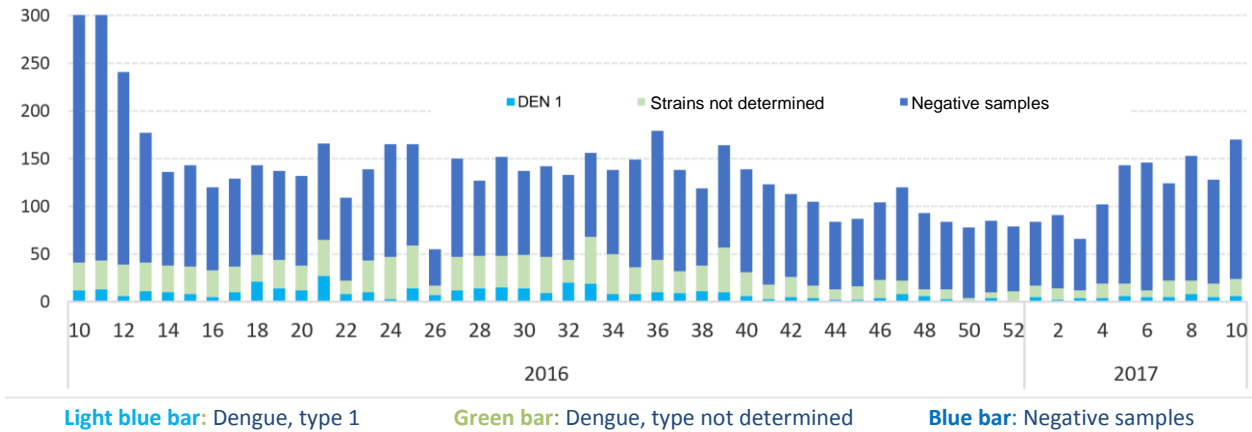


Figure 9: Number of samples and laboratory-confirmed cases of dengue per week (all laboratories), 2016-2017
Centre for Occupational Health and Public Safety, French Polynesia

New Caledonia

As of 9 May 2017, 3,429 dengue cases were reported since September 2016, indicating an increase in the number of cases since September 2016 (Figure 10).

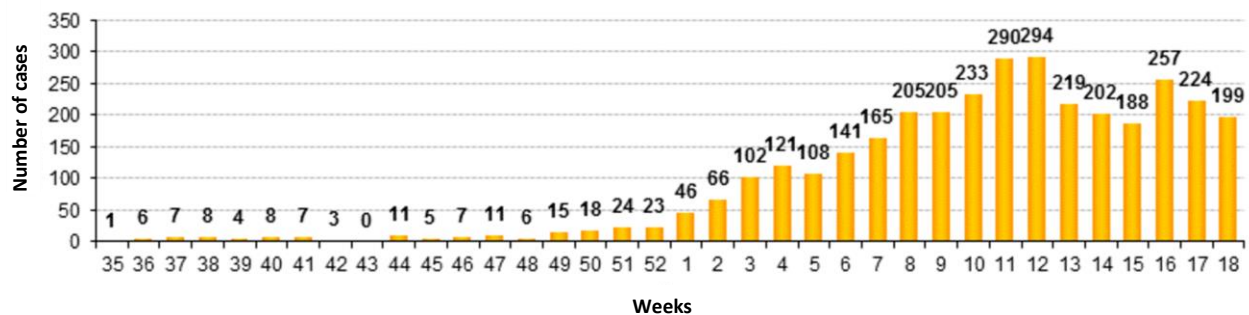


Figure 10: Number of laboratory-confirmed cases of dengue per week in 2016-2017,
Department of Health and Social Affairs, New Caledonia