

Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

China

As of 31 December 2016, there were 2076 cases of dengue reported in China in 2016. This number is lower than that reported during the same period in 2015 (Figure 1).

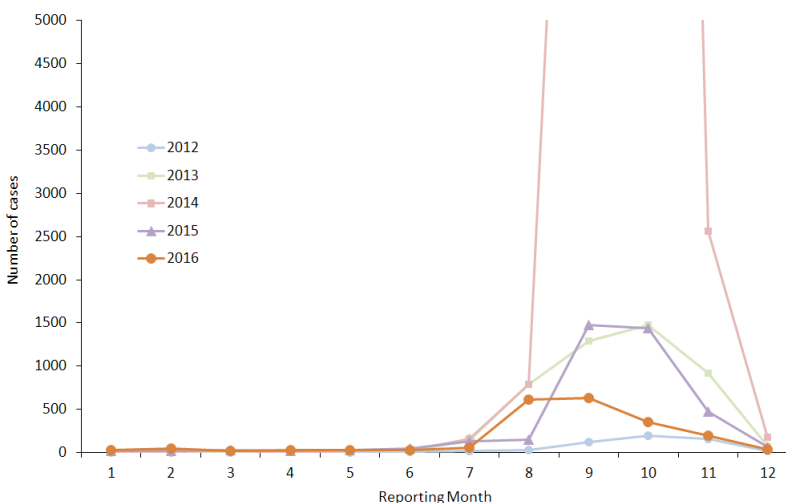


Figure 1: Number of Dengue cases per month, China 2012-2016
National Health and Family Planning Commission

Malaysia

A total of 1903 cases of dengue were reported during week 2, which is higher than the 1663 cases reported in the previous week (an increase of 14.4 %) (Figure 2). The cumulative number of cases reported in 2017 (3566 cases) is lower than the number of cases reported during the same period in 2016 (6837 cases). As of week 2, there have been a total of 5 deaths related to dengue in 2017.



Figure 2: Number of Dengue cases per week 2015-2017
Department of Health, Malaysia

Philippines (No update)

As of 5 November 2016, there were 176,411 suspected cases of dengue reported in 2016, including 422 deaths. This is 0.8% lower than that reported during the same period in 2015 (n=177,767) (Figure 3).

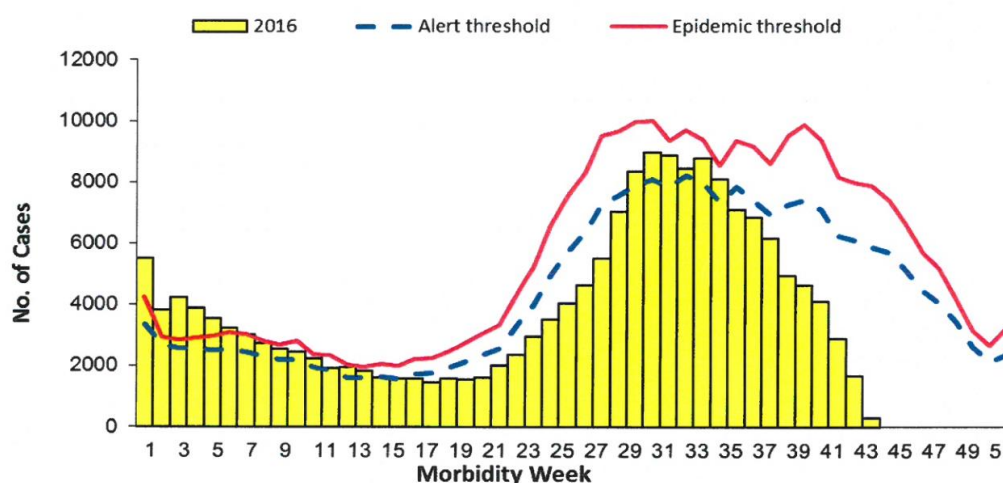


Figure 3: Number of Dengue cases per morbidity week in 2016, Department of Health, National Epidemiology Centre, Philippines

Singapore

In week 1, there were 70 dengue cases reported in Singapore. The cumulative number of cases in 2017 (n=70) is 12.8% lower than that reported during the same period of 2016 (n=546) (Figure 4).

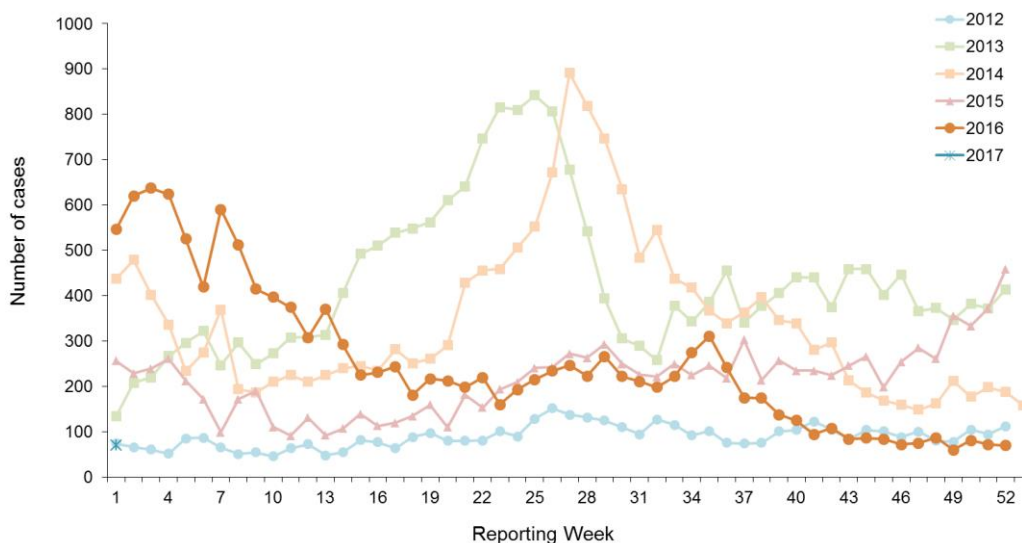


Figure 4: Number of Dengue cases per week 2012-2017 Communicable Diseases Division, Ministry of Health Singapore

Lao PDR

As of 30 December, there were 5617 cases of dengue with 10 deaths reported in Lao PDR in 2016. During week 53, 33 new dengue cases and no deaths were reported. The number of cases is higher than the same time period in 2014 and 2015, but has been decreasing since week 47 (Figure 5).

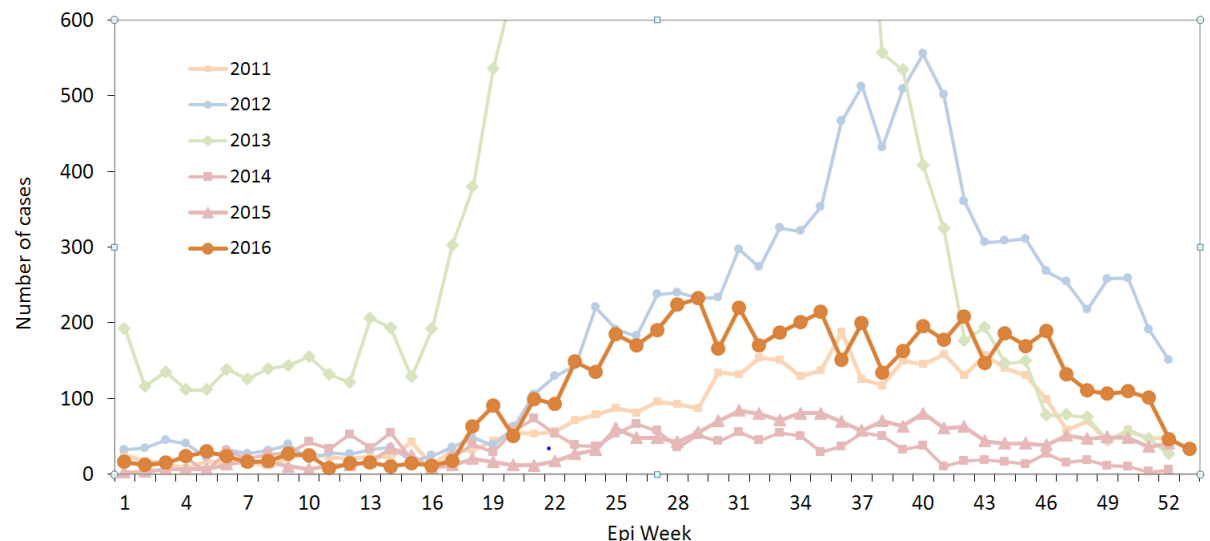
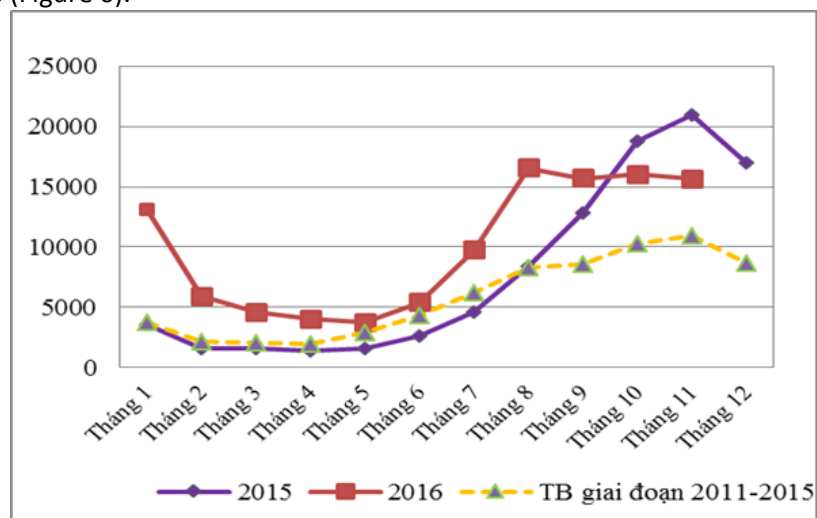


Figure 5: Number of Dengue cases per week, 2011-2016
National Center for Laboratory and Epidemiology, Ministry of Health Lao PDR

Viet Nam

As of 30 November 2016, there were 110,854 cases of dengue including 42 deaths reported in Viet Nam. In November 2016, there were 15,629 cases reported including 7 deaths. Compared to October 2016, the number of cases decreased by 2.4%. Compared to the same period in 2015, the cumulative number of cases increased by 37.8%. Compared to the median for 2011-2015, the cumulative number of cases increased by 79.9% (Figure 6).



Purple line: number of cases reported in 2015 by month /
Brown line: number of cases reported in 2016 by month
Yellow line: median number of cases reported for period 2011 – 2015

Figure 6: Number of Dengue cases reported by month in 2016 compared to 2015 and median number of 2011-2015 periods
General Department of Preventative Medicine, Ministry of Health, Viet Nam

Southern Hemisphere

Australia

As of 16 January, there were 22 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 (2012-2015) (Figure 7).

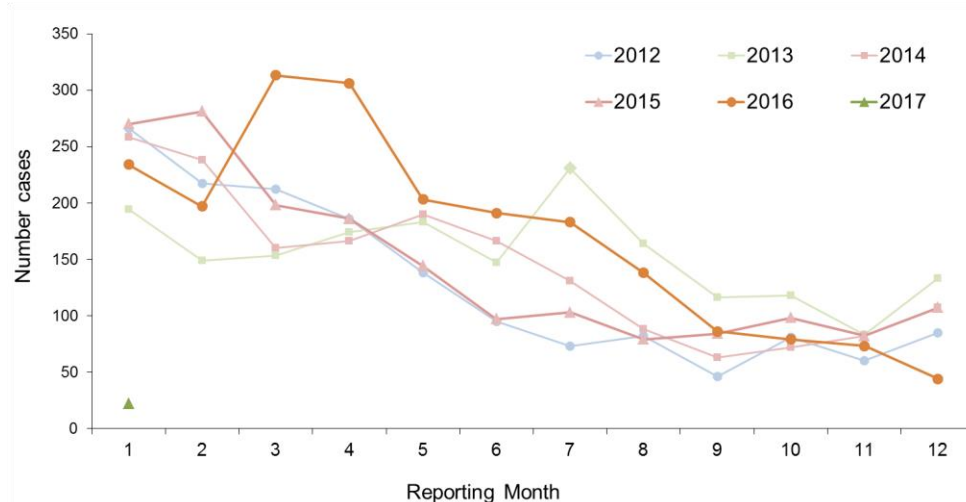


Figure 7: Number of reported laboratory-confirmed Dengue cases per month 2012-2017
Department of Health, Australia

Pacific Islands Countries and Areas

French Polynesia

A total of 21 confirmed dengue cases were reported in French Polynesia between December 19, 2016 and January 1, 2017 (11 cases in week 51 and 10 cases in week 52) (Figure 8). Four (18%) of the 21 cases were confirmed as DENV-1 infection.

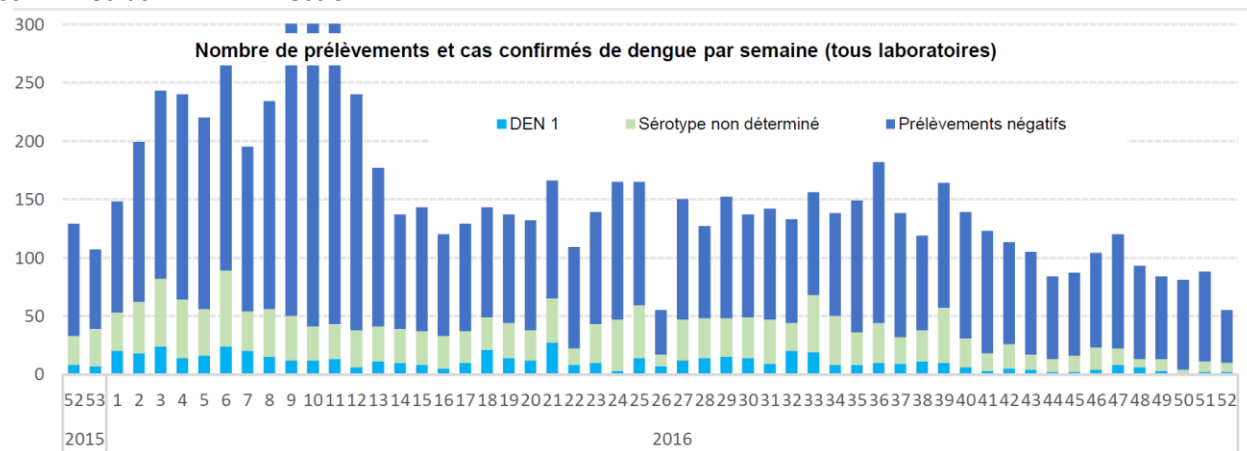


Figure 8: Number of laboratory-confirmed cases of Dengue per week in 2015-2016,
Centre for Occupational Health and Public Safety, French Polynesia

New Caledonia

As of 13 January 2017, 87 dengue cases were reported, indicating an increase in the number of cases since June 2016 (Figure 9).

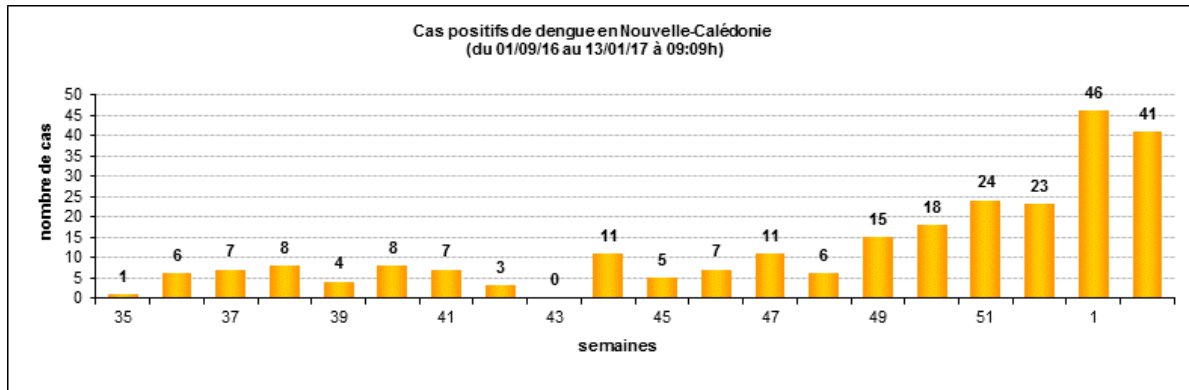


Figure 9: Number of laboratory-confirmed cases of dengue per week in 2016-2017,
Direction des Affaires Sanitaires et Sociales, Nouvelle Calédonie