

Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

China

As of 31 December, there were 3,884 cases of dengue reported in 2015 for China, with majority of the cases being reported during September and October. From 1 to 31 December 2015, 62 dengue cases were reported with no associated deaths. The number of cases in the month of December decreased sevenfold compared to the number reported in the previous month (n=470) and lower than the number of cases reported in December 2014 (n=180) (Figure 1).

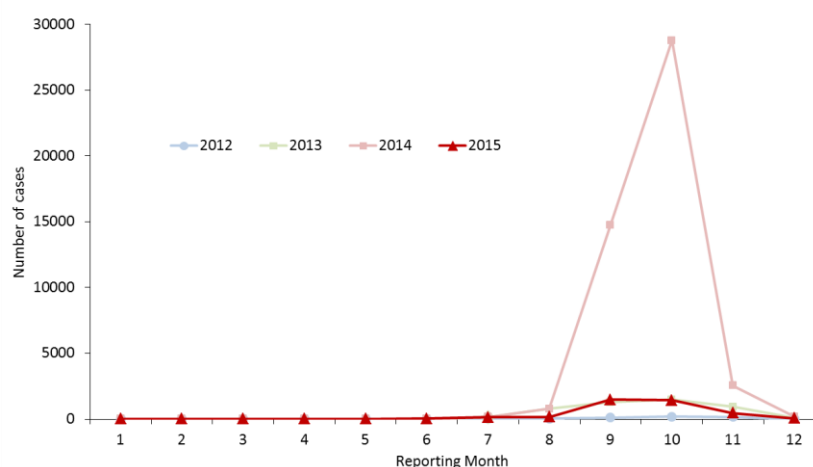


Figure 1: Number of dengue cases per month, China 2012-2015
(Source: National Health and Family Planning Commission)

Malaysia (no update)

As of 5 December, there were 111,285 cases of dengue with 301 deaths reported in Malaysia for 2015. This is 16.3% higher compared with the same reporting period of 2014 (n=95,693). From 29 November to 5 December 2015, there were 2,119 cases of dengue reported, which is higher than the previous week (n=2,087).

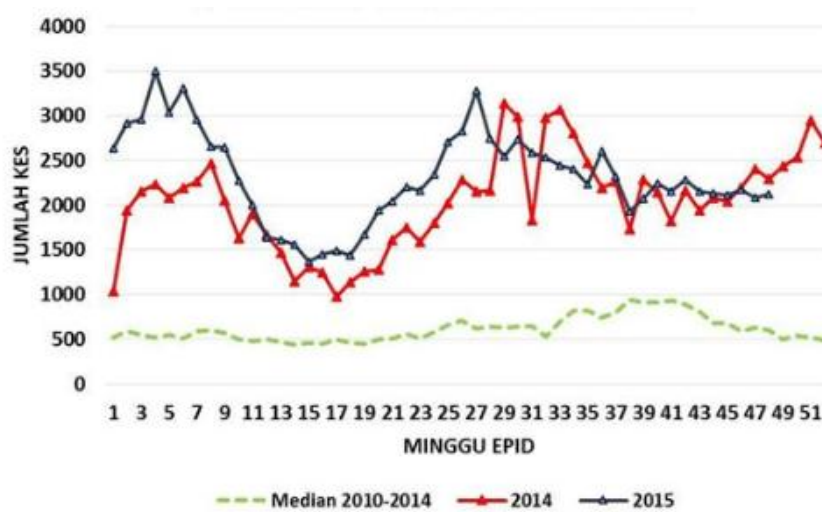


Figure 2: Number of dengue cases per week 2014-2015, Department of Health, Malaysia (no update)

Philippines (no update)

As of 21 November 2015, there were 169,435 suspected cases of dengue, including 511 deaths, reported in Philippines. This is 59.5% higher compared with the same reporting period in 2014 (n=106,241) (Figure 3). From 15 to 21 November 2015 (week 46), there were 548 suspected cases of dengue reported. (NOTE: Case counts reported here do not represent the final number and will change after inclusion of delayed reports)

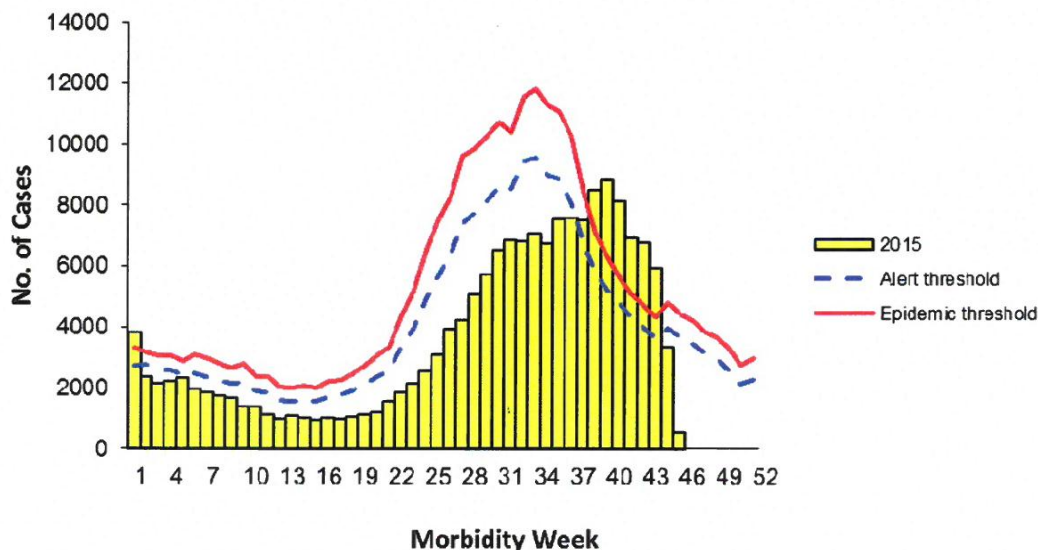


Figure 3: Number of dengue cases per morbidity week in 2015, Department of Health National Epidemiology Centre, Philippines

Singapore

A total of 11,298 cases of dengue have been reported in Singapore for 2015 (data up to week 52 ending 2 January 2016), 61% lower than the number of cases reported in 2014 (n=18,168) for the same reporting period. From 27 December 2015 to 2 January 2016, 459 dengue cases were reported, higher than the previous week (n=372) and higher than the number reported for the same period in each of the last four years (2011-2014) (Figure 4). From November 2015, weekly case numbers have continued to increase in a trend that is not expected for the season.

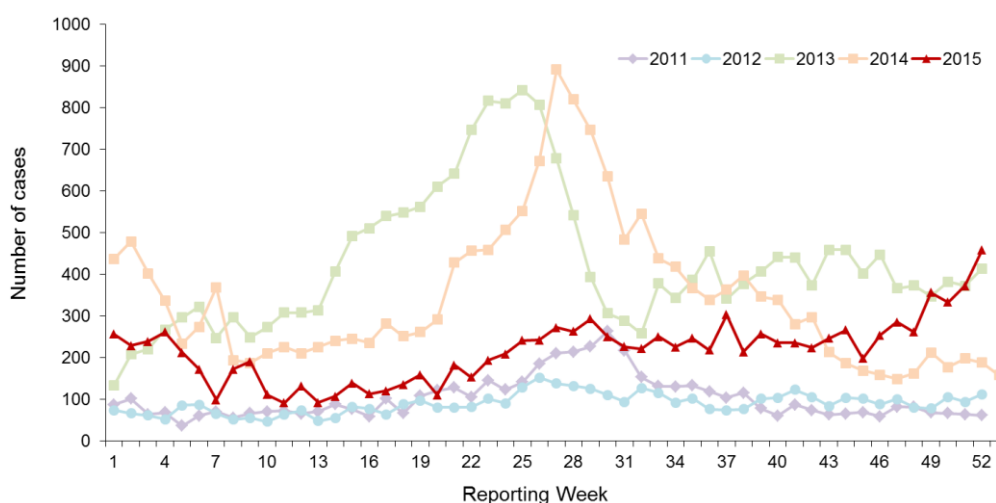


Figure 4: Number of dengue cases per week 2011-2015, Communicable Diseases Division, Ministry of Health Singapore

Cambodia

As of 29 December 2015, there were 15,412 cases of dengue, including 38 deaths [CFR=0.2%], reported in Cambodia. The number of cases is decreasing and it follows a similar trend to that observed in 2011 to 2014. In the week ending 29 December 2015, there were 183 cases reported, which is higher than the previous week (n=65) (Figure 5).

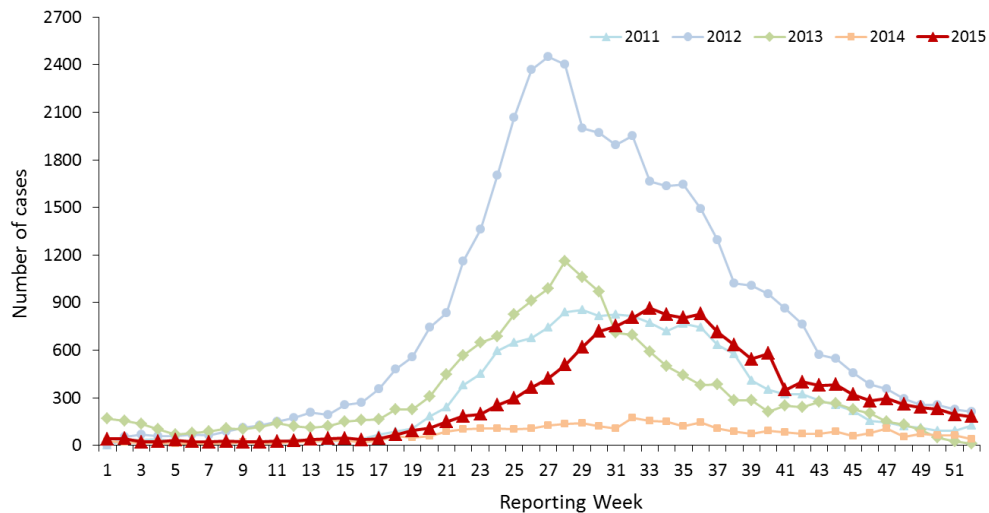


Figure 5: Number of dengue cases per reporting week from sentinel hospital sites, 2011-2015, Ministry of Health Cambodia

Lao PDR

As of 25 December, there were 1,952 cases of dengue and no deaths reported in Lao PDR for 2015. From 19 to 25 December 2015, 40 dengue cases were reported, which is higher than the previous week (n=36) (Figure 6). There is no country level alert for the week ending 25 December 2015.

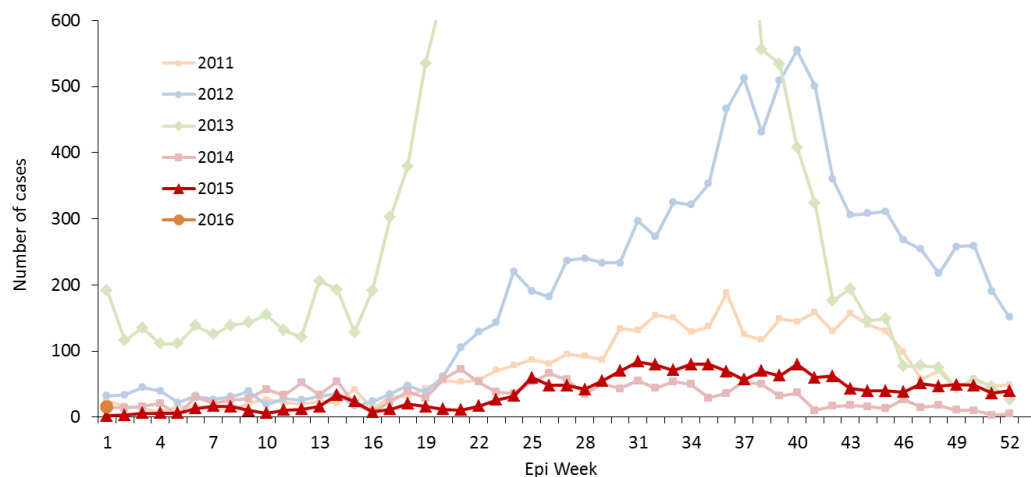


Figure 6: Number of dengue cases per week, 2011-2015, National Center for Laboratory and Epidemiology, Ministry of Health Lao PDR

Viet Nam (no update)

As of 30 November 2015, there were 79,912 cases of dengue, including 53 deaths, reported in 53 out of 63 provinces in Viet Nam. The cumulative number of cases reported in 2015 is higher than cases reported in 2014 for the same reporting period and is also higher than the median in 2010-2014 for the same period (Figure 7). In November, there were 20,910 cases reported including 10 deaths. Compared to October (18,754 cases and 10 deaths), the number of cases reported increased by 11.5%.

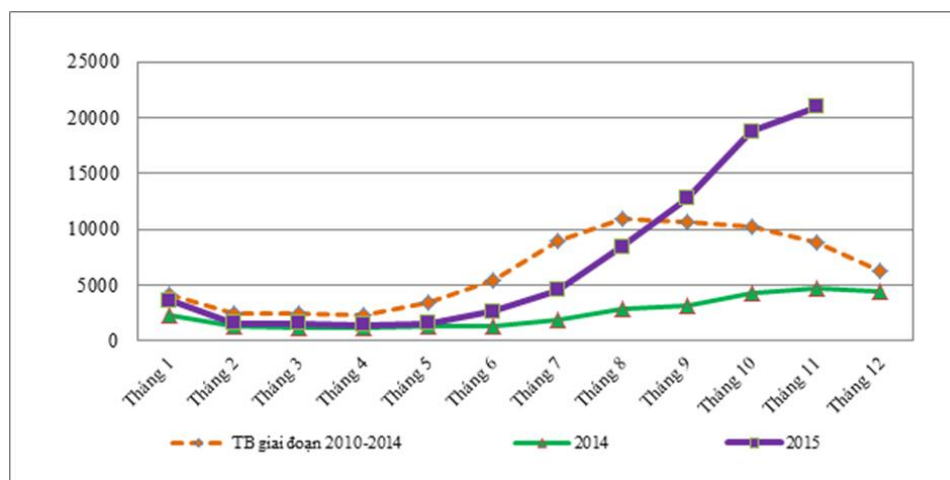


Figure 7: Number of dengue cases reported by month in 2015 compared to 2014 and median number of 2010-2014 period, General Department of Preventative Medicine, Ministry of Health, Viet Nam

Southern Hemisphere

Australia

As of 31 December 2015, there were 1,667 laboratory-confirmed dengue cases in Australia. In 2015, 65 cases were reported in December. This is lower than the same reporting period of last year (n=107). The number of reported cases was consistent with previous years (n=1721 in 2014) and follows seasonal trend (Figure 8).

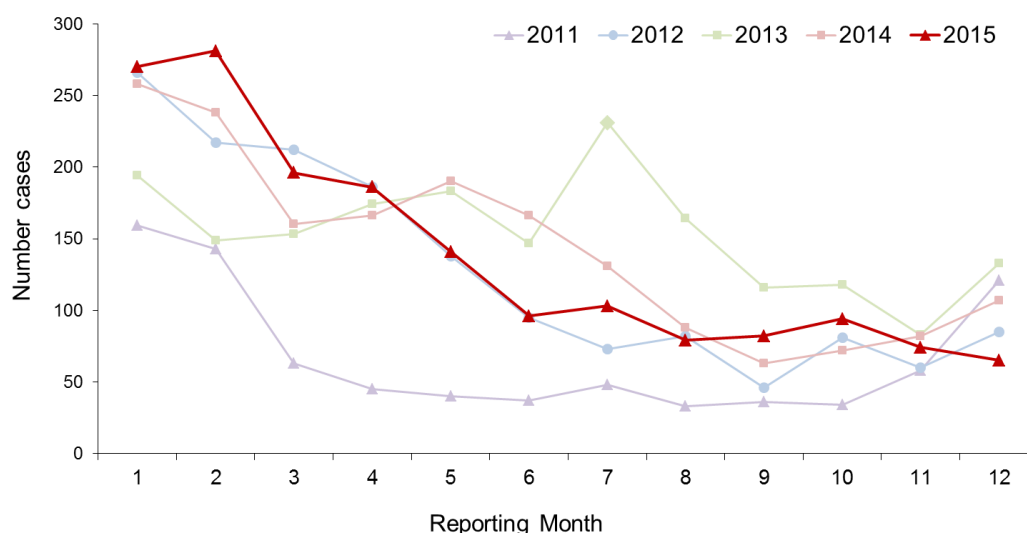


Figure 8: Number of reported laboratory-confirmed dengue cases per month 2011-2015 Department of Health, Australia

Pacific Islands Countries and Areas

French Polynesia (no update)

In the week ending 29 November 2015, 24 confirmed dengue cases were reported in French Polynesia (Figure 9). Dengue virus serotype-1 has been identified in circulation.

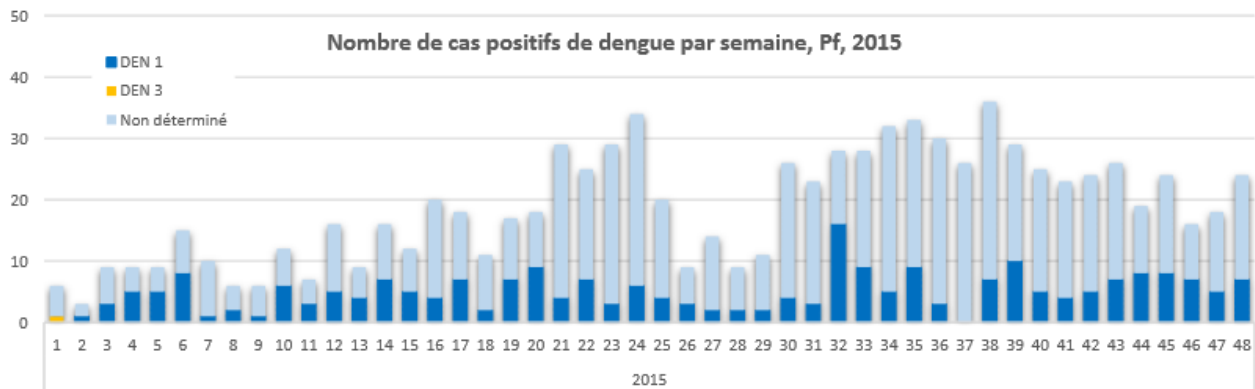


Figure 9: Number of laboratory-confirmed cases of dengue per week in 2015, Centre for Occupational Health and Public Safety, French Polynesia