Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
In week 21, 2019, a total of 1,317 suspected dengue cases were reported in Cambodia. Dengue activity continues to show an upward trend since the beginning of 2019, remaining above the threshold level (Figure 1).

China
In April 2019, 142 dengue cases were reported in China. The number of cases reported is greater than that reported during the same period in previous years, however is in line with seasonal trends (Figure 2).

Lao PDR
During week 21 in 2019, a total of 543 dengue cases and 2 deaths were reported bringing the cumulative number this year to 4,216 cases including 14 deaths (Figure 3). There was an increase of 107 cases compared to the previous week, and dengue activity is higher compared to the same period during the previous five years, showing a similar trend observed during the same period in 2013.
Malaysia
During week 22, 2019, a total of 2,162 dengue cases including 3 deaths were reported in Malaysia, an increase of 6.8% compared to the previous week, bringing the cumulative number as of 1 June 2019 to 52,941 cases including 81 deaths.

Philippines
During week 20, 2019, a total of 1,292 dengue cases have been reported nationwide. As of 18 May 2019, the cumulative number of cases was 77,040 cases with 328 deaths compared to 41,104 cases with 220 deaths reported during the same period of 2018.
Singapore

In week 21, 2019, there were 379 dengue cases reported in Singapore, which continues the increasing trend seen over the previous nine weeks (Figure 6). A total of 3,933 cases have been reported to date in 2019, which is higher reported compare to the same period in 2018 and 2017.

Viet Nam (no update)

During week 19 of 2019, there have been 1,614 dengue cases reported from 46 out of 63 provinces including one death based on the EWAR system, a decrease of 18.7% of number of cases compared to last week. So far this year, there have been a total of 59,959 cases with 4 deaths reported, increased by 3.2 times compared to the same period in 2018 (18,639 cases including 5 deaths). The number of hospitalisations in 2019 is higher than the previous five years average and above the alert threshold (Figure 8).

Southern Hemisphere

Australia

As of 5 June 2019, a total of 569 dengue cases have been reported since the beginning of 2019 in Australia. In May 2019, a total of 110 cases have been reported, which is higher compared to the same period in 2018 and 2017 but follows seasonal trend (Figure 8).
Pacific Islands Countries

French Polynesia
During week 19 and 20 in 2019, there were 26 DENV-1 and 9 DENV-2 cases reported (Figure 9). An outbreak of DENV-2 was declared on 15 April 2019 and since the beginning of the outbreak in early March to 19 May 2019, there have been 41 confirmed cases of DENV-2 reported (39 indigenous and 2 imported).

New Caledonia
As of 27 May, there have been a total of 3,447 dengue cases including 2 deaths reported since the beginning of 2019 (Figure 10) and shows a decreasing trend since week 16. Of the 259 samples serotyped in 2019, all are DENV-2. One DENV-1 case was imported from French Polynesia. As New Caledonia changed their surveillance system for dengue in week 11, 2019, trends should be interpreted cautiously.