Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
In week 19, 2019, a total of 822 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 (no update)
In March 2019, 52 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 19 in 2019, a total of 414 dengue cases and no deaths were reported bringing the cumulative number this year to 3188 cases including 9 deaths (Figure 3). While there was a decrease of 60 cases compared to last week, 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.

![Figure 3: Dengue cases reported weekly in 2013-2019, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR](image)

Malaysia
During week 19, 2019, a total of 1,858 dengue cases including 3 deaths were reported in Malaysia, an increase of 10.3% compared to the previous week, bringing the cumulative number as of 11 May 2019 to 46,607 cases including 74 deaths.

![Figure 4: Dengue cases reported weekly in 2018 and 2019, Department of Health, Malaysia](image)
Philippines
During week 18, 2019, a total of 1181 dengue cases have been reported nationwide. As of 4 May 2019, the cumulative number of cases was 72,076 cases with 303 deaths, which is a 14% lower compared to the same time period of 2018.

![Figure 5: Dengue cases reported from weeks in 2019, Philippine Integrated Diseases Surveillance and Response, Public Health Surveillance Division, MOH, Philippines](image)

Singapore
In week 19, 2019, there were 291 dengue cases reported in Singapore, which continues the increasing trend seen over the previous four weeks (Figure 6). A total of 3233 cases have been reported to date in 2019, which is higher reported compare to the same period in 2018 and 2017.

![Figure 6: Dengue cases reported weekly in 2013-2019, Communicable Diseases Division, Ministry of Health, Singapore](image)
Viet Nam

During week 19 of 2019, there have been 1614 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 59959 cases with four deaths reported, increased by 3.2 times compared to the same period in 2018 (18639 cases including 5 deaths). The number of hospitalisations in 2019 are higher than the previous five years' average and above the alert threshold (Figure 8).

Southern Hemisphere

Australia

As of 26 May 2019, a total of 461 dengue cases have been reported since the beginning of 2019 in Australia. In May, the total numbers of cases are the lowest reported during this same time period for the past 6 years (Figure 8).
Pacific Islands Countries

French Polynesia
During week 17 and 18 in 2019, there were 48 DENV-1 and five 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 3 May 2019, there have been 22 confirmed cases of DENV-2 reported (20 indigenous and 2 imported).

Figure 9: Samples and confirmed cases of dengue reported weekly in 2018-2019, Centre for Occupational Health and Public Safety, French Polynesia

New Caledonia
As of 21 May, there have been a total of 3,367 dengue cases including one death reported since the beginning of 2019 (Figure 10). Of the 246 samples serotyped in 2019, all are DENV-2. As New Caledonia changed their surveillance system for dengue in week 11, 2019, trends should be interpreted cautiously.

Figure 10: Syndromic and confirmed dengue cases reported by week in 2018-2019, Network of sentinel physicians, New Caledonia