Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
In week 41 2019, a total of 629 dengue cases were reported through the Cambodia Early Warning Response Network. The number of suspected cases reported in week 41 decreased compared to the previous week but remains over the alert threshold level. However, weekly number of reported cases shows decreasing trend since week 29. (Figure 1).

China
In August 2019, 3,311 dengue cases were reported in China. The number of cases reported is greater than that reported during the same period in previous years, and shows an increasing trend by almost double the number of cases in the previous month (Figure 2).

Lao PDR
During week 41 in 2019, a total of 828 dengue cases and 1 death were reported in Lao PDR bringing the cumulative number of dengue cases this year to 33,728 including 59 deaths (Figure 3). The number of weekly reported cases decreased compared to previous week (1,146 cases in week 40) but remains above the number of cases reported in recent years.
Malaysia
During week 41 2019, a total of 2,012 dengue cases including 3 deaths were reported in Malaysia. The number of weekly reported cases had decreased for the past three weeks, with a 7.7% reduction this week compared to the previous week. The weekly number remains higher than the same period last year (Figure 4). The cumulative number of cases reported from January until 12 October 2019 was 104,746 cases, including 152 deaths. This is higher compared to the 58,155 cases with 100 deaths reported during the same period last year.

Philippines
During week 40, 2019, a total of 7,383 dengue cases were reported nationwide. As of 5 October 2019, the cumulative number of cases was 348,893 including 1,342 deaths (Figure 5, no update available). This is higher compared to 164,449 cases including 7,281 deaths reported during the same period in 2018.
Singapore
In week 40, 2019, there were 249 dengue cases reported in Singapore, which is slightly decreased compared to week 39 (Figure 6). A total of 12,615 cases have been reported to date in 2019, which remains higher than the same period in 2017 and 2018 but within previously experienced levels.

Viet Nam (No update)
During week 30 of 2019, there were 8,970 dengue cases reported from 54 out of 63 provinces including 4 deaths. Of the reported cases, there were 7,082 hospital admissions (78.9%). Compared to previous week, number of cases slightly decreased but remains well above seasonal levels. Since 1 January 2019, there have been a total of 124,751 cases with 15 deaths reported, a 3.3-fold increase compared to the same period in 2018 of 37,243 cases including 9 deaths (Figure 7).

Southern Hemisphere
Australia
As of 24 October 2019, a total of 1150 dengue cases have been reported since the beginning of 2019 in Australia, which is lower compared to the same period in 2017 and 2018. There has been a decreasing monthly trend since May and numbers remain within previous seasonal trends (Figure 8).
Pacific Islands Countries

French Polynesia
During weeks 39 and 40 in 2019, there were 14 DENV-1 and 249 DENV-2 cases reported. An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 1,488 indigenous cases of DENV-2 have been reported from week 6 to week 40. Among these, most cases have been reported from Tahiti (1,259) and others form Moorea (68), Bora Bora (29) and Nuku-Hiva (11).

New Caledonia
As of 16 October, there have been a total of 3,902 dengue cases including two deaths reported since the beginning of 2019 (Figure 10). The number of clinically-diagnosed and confirmed cases reported weekly remains low and the epidemic was official declared over during week 34. Of the 310 samples serotyped in 2019, 308 are DENV-2 and there have been two imported cases including one DENV-1 and one DENV-4.