Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia

In week 41 2019, a total of 888 dengue cases were reported to the Cambodia National Dengue Surveillance System. The number of suspected cases reported in week 41 decreased compared to the previous week but remains over the five-year mean. However, weekly number of reported cases shows decreasing trend since week 29. (Figure 1).

China (No update)

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).

![Figure 1: Dengue cases reported weekly in 2019](image1)

![Figure 2: Dengue cases reported monthly in 2013-2019](image2)
Lao PDR (No update)
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.

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

Malaysia
During week 44 2019, a total of 1,793 dengue cases including 2 deaths were reported in Malaysia. The number of weekly reported cases has decreased for the past several weeks, with a 7.9% reduction this week compared to the previous week. The weekly number reported is similar to that reported during the same period last year but is following a different trend (Figure 4). The cumulative number of cases reported from January until 2 November 2019 was 110,399 cases, including 156 deaths. This is higher compared to the 62,974 cases with 156 deaths reported during the same period last year.

![Figure 4: Dengue cases reported weekly in 2018 and 2019, Department of Health, Malaysia](image)
Philippines
During week 42, 2019, a total of 5,927 dengue cases were reported nationwide. As of 19 October 2019, the cumulative number of cases was 371,717 including 1,407 deaths (Figure 5). This is higher compared to 180,072 cases including 927 deaths reported during the same period in 2018.

Singapore
In week 43, 2019, there were 242 dengue cases reported in Singapore, which is slightly increased compared to week 42 (Figure 6). A total of 13,320 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).

![Figure 7: Dengue cases and deaths reported weekly in 2018-2019](image)

**Southern Hemisphere**

**Australia**

As of 6 November 2019, a total of 1,217 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).

![Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2019](image)
**Pacific Islands Countries**

**French Polynesia**

During weeks 41 and 42 in 2019, there were 2 DENV-1 and 346 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 (1,420) followed by Moorea (70), Bora Bora (34), and Nuku-Hiva (13).

**New Caledonia (No update)**

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 officially 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.