Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia

In week 39 2019, a total of 812 dengue cases were reported through the Cambodia Early Warning Response Network. The number of suspected cases reported in week 39 slightly increased compared to the previous week and still over alert threshold level. However, weekly number of reported cases shows decreasing trend since week 29. (Figure 1).

![Acute Hemorrhagic Fever in Cambodia in 2019 vs Threshold by Week](chart1)

Figure 1: Dengue fever, Dengue haemorrhagic fever, and Dengue shock syndrome cases reported weekly in 2019, Ministry of Health, Cambodia

China (no update)

In June 2019, 788 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 (Figure 2).

![Dengue cases reported monthly in 2013-2019](chart2)

Figure 2: Dengue cases reported monthly in 2013-2019, National Health Commission, China
Lao PDR (no update)
During week 37 in 2019, a total of 1,284 dengue cases and 1 death were reported in Lao PDR bringing the cumulative number of dengue cases this year to 30,662 including 59 deaths (Figure 3). The number of weekly reported cases decreased compared to previous week (1,474 cases in week 36) but remains well above the number of cases reported in recent years.

Malaysia
During week 40, 2019, a total of 2,181 dengue cases including 2 death were reported in Malaysia. The number of weekly reported cases had decreased for past two weeks, still remains higher than the same period last year (Figure 4). The cumulative number of cases reported as of 5 October 2019 was 102,734 including 149 deaths. This is higher compared to 56,608 cases with 98 deaths reported during the same period last year.
Philippines
During week 38, 2019, a total of 8,856 dengue cases were reported nationwide. As of 21 September 2019, the cumulative number of cases was 322,693 with 1,272 deaths (Figure 5). This is higher compared to 149,849 cases with 774 deaths reported during the same period in 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 39, 2019, there were 260 dengue cases reported in Singapore, which is slightly increased compared to week 38 (Figure 6). A total of 12,293 cases have been reported to date in 2019, which is higher than the same period in 2017 and 2018.

![Figure 6: Dengue cases reported weekly in 2013-2019, Communicable Diseases Division, Ministry of Health, Singapore](image)
**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 09 October 2019, a total of 1,073 dengue cases have been reported since the beginning of 2019 in Australia, which is higher compared to the same period in 2017 and 2018 but there has been a decreasing monthly trend since May and remains within seasonal trends (Figure 8).
Pacific Islands Countries
French Polynesia
During weeks 37 and 38 in 2019, there were 14 DENV-1 and 249 DENV-2 cases reported (no update is available for Figure 9). An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 1058 indigenous cases of DENV-2 have been reported from week 6 to week 38. Among these, most cases have been reported from Tahiti (924) and others form Moorea (51), Bora Bora (21) and Nuku-Hiva (11).

New Caledonia
As of 26 September, there have been a total of 3,898 dengue cases including two deaths reported since the beginning of 2019 (Figure 10). The number of clinically-diagnosed and confirmed cases reported weekly continues to decrease. Of the 306 samples serotyped in 2019, 304 are DENV-2 and there have been two imported cases including one DENV-1 and one DENV-4.