Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
In week 35 2019, a total of 1,473 dengue cases were reported through the Cambodia Early Warning Response Network. Weekly number of reported cases shows decreasing trend since week 29. However, from week 21 to week 26, dengue activity showed a sharp increase in Cambodia and cases remain well above expected levels (Figure 1).

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).
Lao PDR (No update)
During week 35 in 2019, a total of 1,405 dengue cases and no death was reported in Lao PDR bringing the cumulative number of dengue cases this year to 27,904 including 54 deaths (Figure 3). The number of weekly reported cases decreased compared to previous week (1,741 cases in week 34) but remains well above the number of cases reported in recent years.

Malaysia
During week 35, 2019, a total of 2,721 dengue cases including 7 deaths were reported in Malaysia. This is fewer weekly reported cases compared to the past several weeks, but remains higher than the same period last year (Figure 4). The cumulative number of cases reported as of 31 August 2019 was 90,936 including 132 deaths. This is higher compared to 49,710 cases with 77 deaths reported during the same period last year.
**Philippines**

During week 34, 2019, a total of 13,192 dengue cases were reported nationwide. As of 24 August 2019, the cumulative number of cases was 249,332 with 1,021 deaths (no update is available for Figure 5). This is higher compared to 119,224 cases with 622 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 35, 2019, there were 415 dengue cases reported in Singapore, which is a slight decrease compared to week 34 (Figure 6). A total of 11,097 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 11 September 2019, a total of 1,002 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).

Figure 7: Dengue cases and deaths reported weekly in 2018-2019, General Department of Preventive Medicine, Ministry of Health, Viet Nam

Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2019, Department of Health, Australia
Pacific Islands Countries
French Polynesia

During weeks 33 and 34 in 2019, there were 9 DENV-1 and 158 DENV-2 cases reported (Figure 9). An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 582 indigenous cases of DENV-2 have been reported from week 6 to week 34. Among these, most cases have been reported from Tahiti (524) and others form Moorea (26), Bora Bora (11) and Nuku-Hiva (10).

New Caledonia

As of 2 September, there have been a total of 3,890 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.