Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
In week 45, 2019, a total of 629 dengue cases were reported to the Cambodia National Dengue Surveillance System. The number of suspected cases reported in week 45 decreased compared to the previous week. 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).
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.

Malaysia
During week 46, 2019, a total of 2,400 dengue cases without deaths were reported in Malaysia. Following a decrease in the number of weekly reported cases for the past several weeks, there has been a 23.3% increase this week compared to the previous week. The weekly number reported is higher than that reported during the same period last year(Figure 4). The cumulative number of cases reported from January until 16 November 2019 was 114,745 cases, including 158 deaths. This is higher compared to the 66,570 cases with 111 deaths reported during the same period last year.
Philippines
During week 44, 2019, a total of 4,438 dengue cases were reported nationwide. As of 2 November 2019, the cumulative number of cases was 387,254 including 1,452 deaths. This is higher compared to 194,267 cases including 1,004 deaths reported during the same period in 2018.

Singapore
In week 45, 2019, there were 322 dengue cases reported in Singapore, which is increased compared to week 44 (Figure 6). A total of 13,951 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
During week 41 of 2019, there were 9,355 dengue cases including 2 deaths reported. Of the reported cases, there were 7,627 hospital admissions (81.5%). 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 241,863 cases with 43 deaths reported, a 3.1-fold increase compared to the same period in 2018 of 78,649 cases including 11 deaths (Figure 7).
Southern Hemisphere

Australia
As of 20 November 2019, a total of 1,268 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, Department of Health, Australia](image)

Pacific Islands Countries

French Polynesia
During weeks 43 and 44 in 2019, there were 41 DENV-2 and 150 untyped dengue cases reported. An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 1,742 indigenous cases of DENV-2 have been reported from week 6 to week 44. Among these, most cases have been reported from Tahiti (1,562) followed by Moorea (86). There have also been a total of 657 additional cases of DENV-1 or untyped dengue.

![Figure 9: Samples and confirmed cases of dengue reported weekly in 2018-2019, Centre for Occupational Health and Public Safety, French Polynesia](image)
New Caledonia
As of 08 November, there have been a total of 3,906 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 313 samples serotyped in 2019, 311 are DENV-2 and there have been two imported cases including one DENV-1 and one DENV-4.

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