Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia
As of week 52, 2020, a total of 11,977 dengue cases with 16 deaths have been reported in Cambodia (case fatality rate (CFR) 0.1%). The cumulative number of cases reported this year (weeks 1-52) is only 17.0% of the 68,657 cases reported in the same period in 2019. The number of cases reported weekly remains within the normal range of cases reported from 2014 to 2018 (Figure 1).

China (no update)
In September 2020, 287 dengue cases and no additional deaths were reported in China. The number of cases reported in 2020 is lower in comparison to the same period in 2019 and other recent years but follows an expected seasonal trend (Figure 2).
Lao People’s Democratic Republic
During week 1, 2021, 23 dengue cases and no deaths were reported in Lao People’s Democratic Republic (Figure 3). The number of cases reported in week one of 2021 is 1.8 times lower compared to the same period in 2020 when 42 cases were reported. The trend is within seasonally expected levels.

![Figure 3: Dengue cases reported weekly in 2013-2021, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR](image)

Malaysia
During week 1, 2021, a total of 717 dengue cases have been reported, bringing the cumulative number of reported cases to 717 as of 9 January 2021. It is a decrease compared to 2,121 cases for the same period last year. No dengue deaths were reported in week 1, compared to 1 death during the same period in 2020.

![Figure 4: Dengue cases reported weekly in 2019 and 2020, Department of Health, Malaysia](image)
**Philippines**
During week 52, 2020, 195 dengue cases were reported, with one additional death. This is 92% lower compared to the same period in 2019 (n=2,596). From 1 January to 26 December 2020, there has been a total of 83,155 dengue cases with 324 deaths (CFR 0.4%) reported. This is 81% lower compared to the 437,563 cases reported in the same period in 2019.

![Graph showing dengue cases reported weekly in 2020, Department of Health, The Philippines](image)

**Singapore**
In week 53, 2020, 194 dengue cases were reported in Singapore, which is lower than the previous weeks (Figure 6). A total of 35,315 cases have been reported as of 2 January 2021, which is higher than the same period in all previous years that data have been collected. However, weekly trends are now back to within expected seasonal levels.

![Graph showing dengue cases reported weekly in 2014-2020, Communicable Diseases Division, Ministry of Health, Singapore](image)
Viet Nam (no update)
During week 48 (23 - 29 November 2020), there were 3,654 cases reported from 56 out of 63 provinces, with no deaths reported. Of the reported cases, there were 2,860 hospital admissions (78.3%). Compared to the previous week (4,473 cases, no deaths), the number of cases decreased by 18.3%. As of 29 November 2020, a total of 121,398 cases of dengue, including 19 deaths, were reported in Viet Nam. Compared to the same period in 2019 (314,468 cases including 54 deaths), the cumulative number of cases reported in 2020 decreased by 61.4% and there were 35 fewer deaths reported.

Southern Hemisphere

Australia
In December, there were no new dengue cases reported. As of 13 January 2021, no dengue cases have been reported in Australia in 2021. This is significantly lower compared to the same period in previous years (Figure 8).
**Pacific Islands Countries**

**French Polynesia (no update)**

During weeks 43-44 of 2020, there were one confirmed and two probable cases of dengue fever detected out of 49 that were tested (2% positivity rate). As of 1 November 2020, a total of 3,329 cases of DENV-2 have been reported since the start of the epidemic on April 2019 until week 44 of 2020 (Figure 9).

**New Caledonia**

As of 14 January 2021, there has been one dengue case since 1 January 2021 (Figure 10). Dengue activity remains at a low level.