Update on the Dengue situation in the Western Pacific Region

Northern Hemisphere

Cambodia

In week 1 to 4, 2020, the weekly number of suspected cases reported kept the equivalent level compared to the previous year (Figure 1).

Figure 1: Dengue cases reported weekly in 2019-2020, Ministry of Health, Cambodia

China

In December 2019, 268 dengue cases were reported in China. The number of cases reported kept the equivalent level compared to the previous years and shows a decreasing trend since September (Figure 2).

Figure 2: Dengue cases reported monthly in 2013-2019, National Health Commission, China
**Lao PDR**

During week 5, 2020, a total of 71 dengue cases were reported in Lao PDR bringing the cumulative total number of 285 dengue cases this year without death (Figure 3). The number of weekly reported cases increased compared to previous week (59 cases in week 4 in 2020).

![Figure 3: Dengue cases reported weekly in 2013-2020, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR](image)

**Malaysia**

During week 6, 2020, a total of 3,111 dengue cases with three deaths were reported in Malaysia. There has been a 12.3% increase in 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 29 December 2019 to 8 February 2020 was 18,473 cases, including 19 deaths. This is slightly higher compared to the 17,971 cases reported during the same period last year.

![Figure 4: Dengue cases reported weekly in 2019 and 2020, Department of Health, Malaysia](image)
Philippines
During week 4, 2020, a total of 3,386 dengue cases including 11 deaths (CFR 0.3%) were reported nationwide. As of 7 February 2020, the cumulative number of cases was 15,817 including 45 deaths. This is 42% lower as compared to the 27,245 cases of the same period in 2019.

Singapore
In week 5, 2020, 371 dengue cases were reported in Singapore, which is a slight increase compared to the previous week (Figure 6). A total of 1,729 cases have been reported to date in 2020, which remains higher than the same period in 2018 and 2019, but within previously experienced levels.

Viet Nam (No update)
During week 50 of 2019, there were 4,038 dengue cases reported without death. Of the reported cases, there were 3,071 hospital admissions (76%). Compared to the previous week, the number of cases slightly decreased but remains well above seasonal levels. Since 1 January 2019, there have been a total of 320,702 cases with 54 deaths reported, a 2.5-fold increase compared to the same period in 2018 of 126,682 cases including 17 deaths (Figure 7).

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**Figure 6:** Dengue cases reported weekly in 2014-2020, Communicable Diseases Division, Ministry of Health, Singapore

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

Australia
As of 11 February 2020, a total of 54 dengue cases have been reported since the beginning of 2020 in Australia, which is lower compared to the same period in 2018 and 2019. There has been a decreasing monthly trend since May 2019 and numbers remain within previous seasonal trends in 2019 (Figure 8).

![Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2020, Department of Health, Australia](image)

Pacific Islands Countries

French Polynesia
During week 3 and 4 in 2020, there were 93 DENV-2 and 50 untyped dengue cases reported. An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 2,590 indigenous cases and two imported cases of DENV-2 have been reported from week 6 2019 to week 4 2020. There have also been a total of 820 additional cases of DENV-1 or untyped dengue (Figure 9).

![Figure 9: Samples and confirmed cases of dengue reported weekly in 2019-2020, Centre for Occupational Health and Public Safety, French Polynesia](image)

New Caledonia
As of 4 February 2020, there have been a total of 11 dengue cases since the beginning of 2020 (Figure 10). Of the 6 samples serotyped in 2020, five are DENV-2 and one case in the process. From 1 January to 4 February 2020, there have been a total of eight cases imported from French Polynesia.
Figure 10: Syndromic and confirmed dengue cases reported by week in 2019-2020, Network of sentinel physicians, New Caledonia