

## Update on the Dengue situation in the Western Pacific Region

### Northern Hemisphere

#### Cambodia

In week 51, 2019, a total of 124 dengue cases were reported to the Cambodia National Dengue Surveillance System. The number of suspected cases reported in week 51 decreased compared to the previous week. Weekly number of reported cases shows decreasing trend since week 29 (Figure 1).

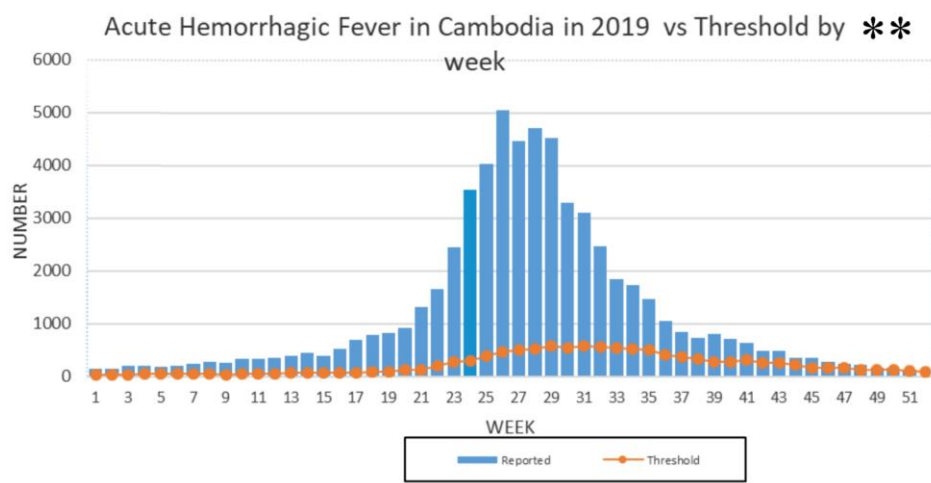


Figure 1: Dengue cases reported weekly in 2019  
Ministry of Health, Cambodia

#### China

In November 2019, 1,767 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 a decreasing trend since September (Figure 2).

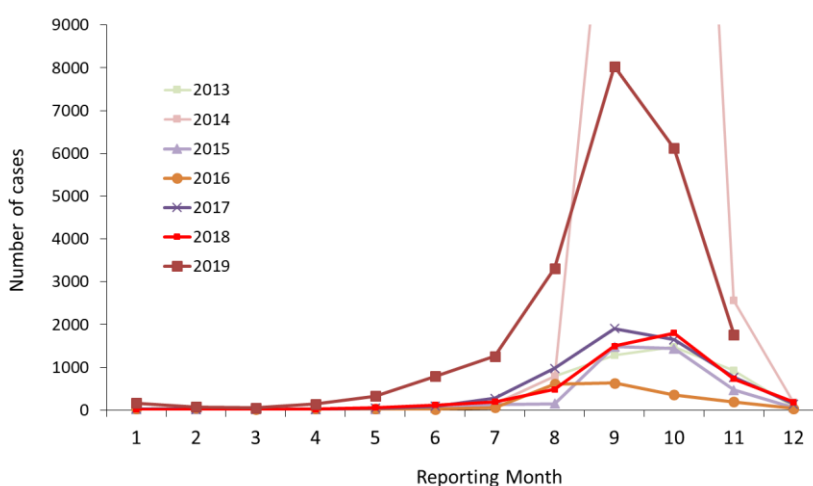


Figure 2: Dengue cases reported monthly in 2013-2019,  
National Health Commission, China

#### Lao PDR (No update)

During week 49 in 2019, a total of 171 dengue cases were reported in Lao PDR bringing the cumulative number of dengue cases this year to 38,753 including 70 deaths (Figure 3). The number of weekly reported cases decreased compared to previous week (276 cases in week 48) but remains above the number of cases reported in recent years.

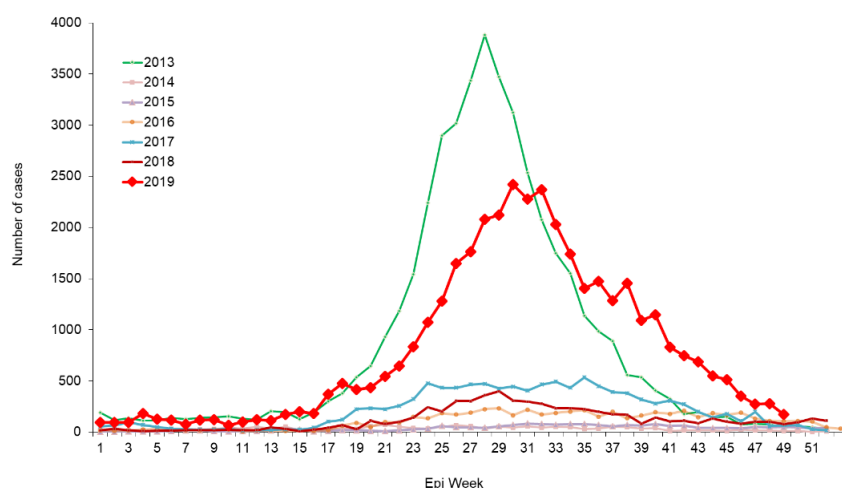


Figure 3: Dengue cases reported weekly in 2013-2019, National Centre for Laboratory and Epidemiology, Ministry of Health, Lao PDR

## Malaysia

During week 51, 2019, a total of 2,630 dengue cases with two deaths were reported in Malaysia. There has been a 5.9% decrease 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 21 December 2019 was 127,407 cases, including 176 deaths. This is higher compared to the 78,066 cases with 140 deaths reported during the same period last year.

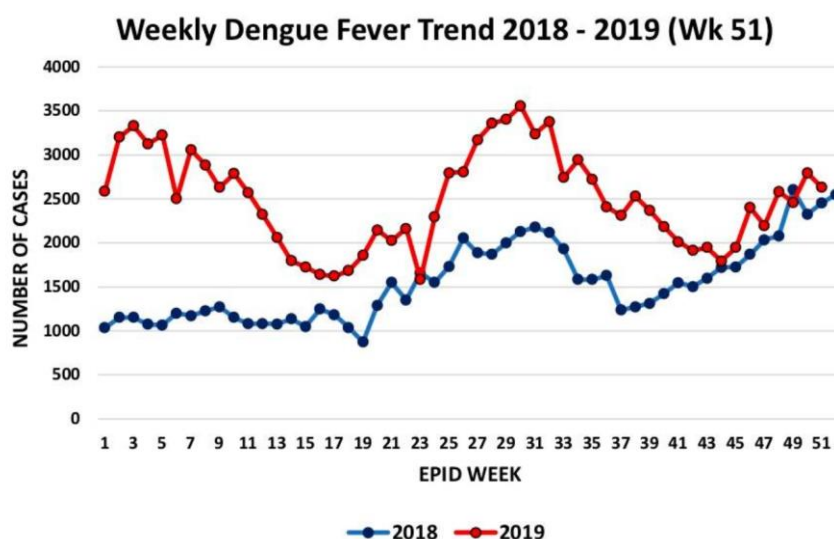


Figure 4: Dengue cases reported weekly in 2018 and 2019, Department of Health, Malaysia

## Philippines

During week 50, 2019, a total of 764 dengue cases were reported nationwide. As of 14 December 2019, the cumulative number of cases was 420,453 including 1,565 deaths. This is higher compared to 235,994 cases including 1,181 deaths reported during the same period in 2018.

## Singapore

In week 51, 2019, there were 228 dengue cases reported in Singapore, which is decreased compared to week 50 (Figure 6). A total of 15,622 cases have been reported to date in 2019, which remains higher than the same period in 2017 and 2018 but within previously experienced levels.

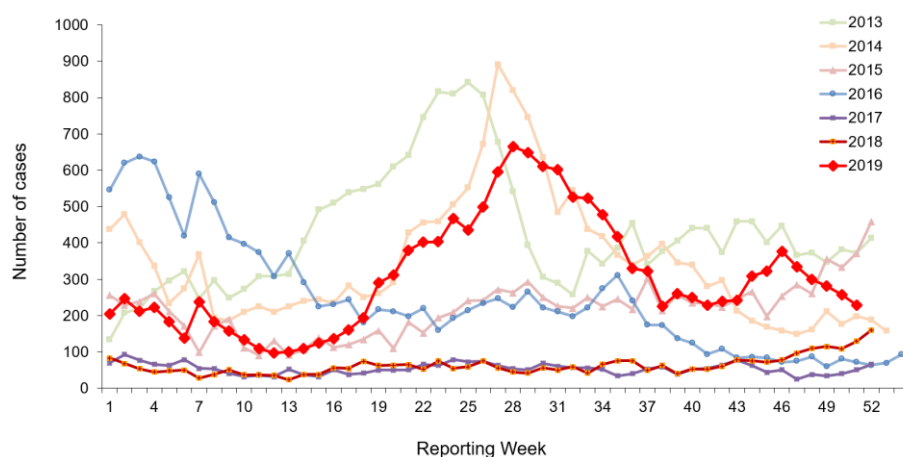


Figure 6: Dengue cases reported weekly in 2013-2019, Communicable Diseases Division, Ministry of Health, Singapore

## Viet Nam

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 previous week, 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).

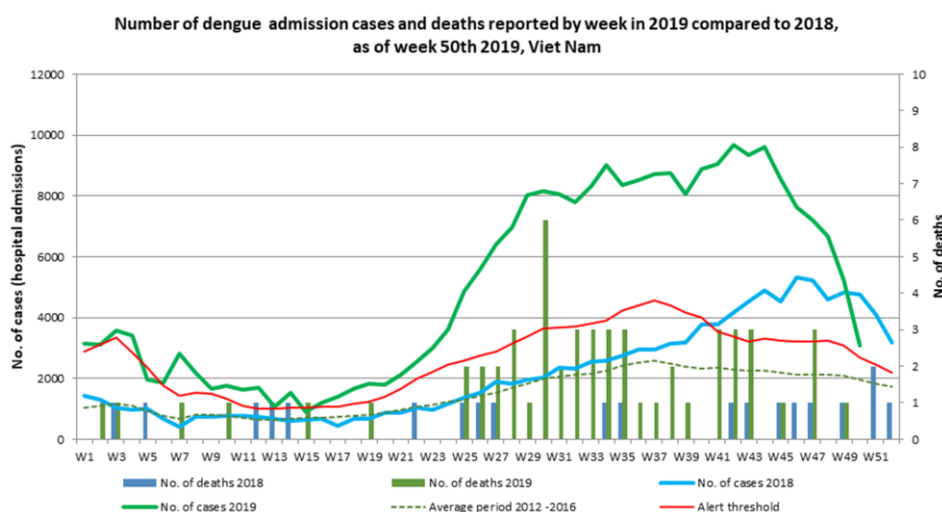


Figure 7: Dengue cases and deaths reported weekly in 2018-2019, General Department of Preventive Medicine, Ministry of Health, Viet Nam

## Southern Hemisphere

### Australia

As of 18 December 2019, a total of 1,419 dengue cases have been reported since the beginning of 2019 in Australia, which is higher 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).

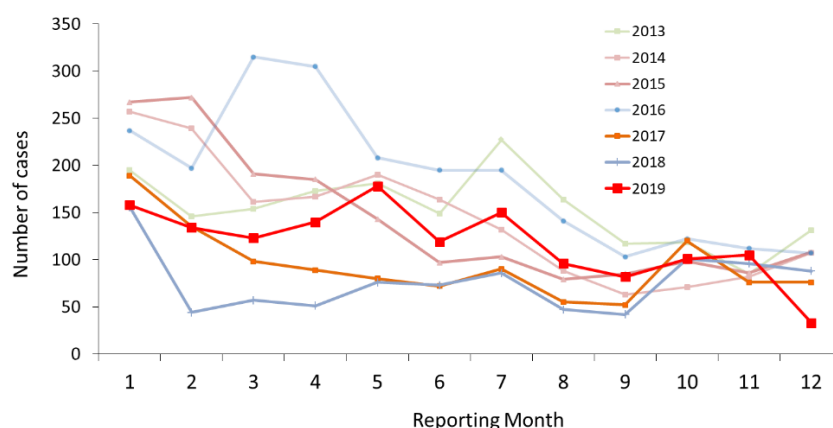


Figure 8: Laboratory-confirmed dengue cases reported monthly in 2013-2019, Department of Health, Australia

## Pacific Islands Countries

### French Polynesia

During weeks 49 and 50 in 2019, there were 161 DENV-2 and 49 untyped dengue cases reported. An outbreak of DENV-2 was declared on 15 April 2019 in Tahiti and a total of 2,373 indigenous cases of DENV-2 have been reported from week 6 to week 50. There have also been a total of 620 additional cases of DENV-1 or untyped dengue (Figure 9).

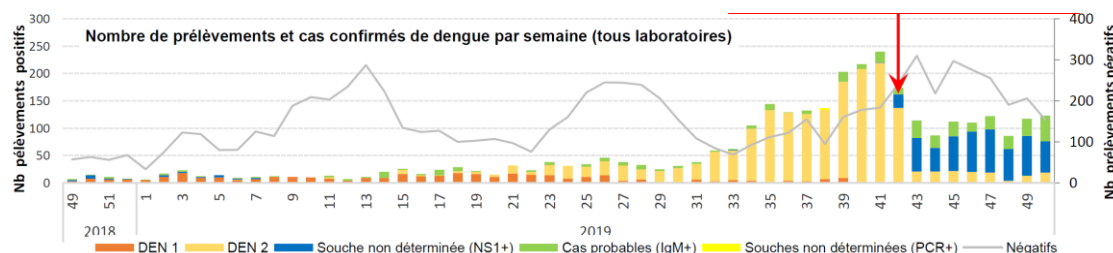


Figure 9: Samples and confirmed cases of dengue reported weekly in 2018-2019, Centre for Occupational Health and Public Safety, French Polynesia

### New Caledonia (No update)

As of 17 December, there have been a total of 3,914 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 official declared over during week 34. Of the 319 samples serotyped in 2019, 316 are DENV-2 and there have been two imported cases including one DENV-1 and one DENV-4.

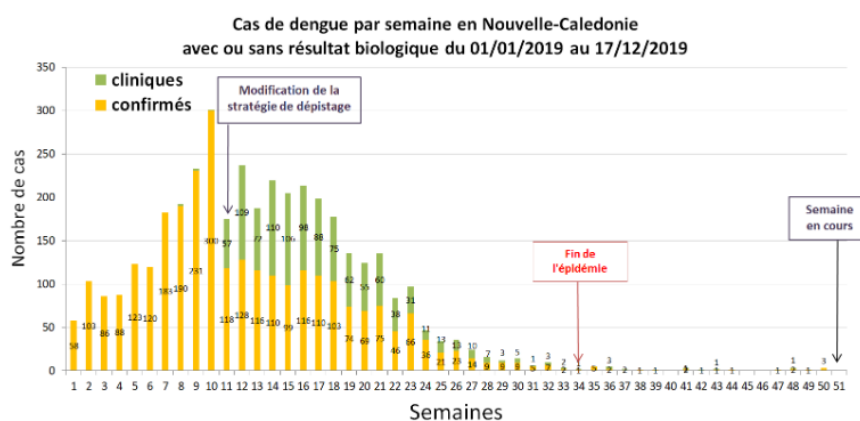


Figure 10: Syndromic and confirmed dengue cases reported by week in 2018-2019, Network of sentinel physicians, New Caledonia