Dengue surveillance data, Oct - Dec 2019

Number of cases reported

1.   3,637 dengue cases (including 12 dengue haemorrhagic fever cases) were notified in the quarter from Oct-Dec 2019 (E week 40-52), a decrease of 41.8% as compared to the previous quarter from Jul-Sep 2019 (E week 27-39).
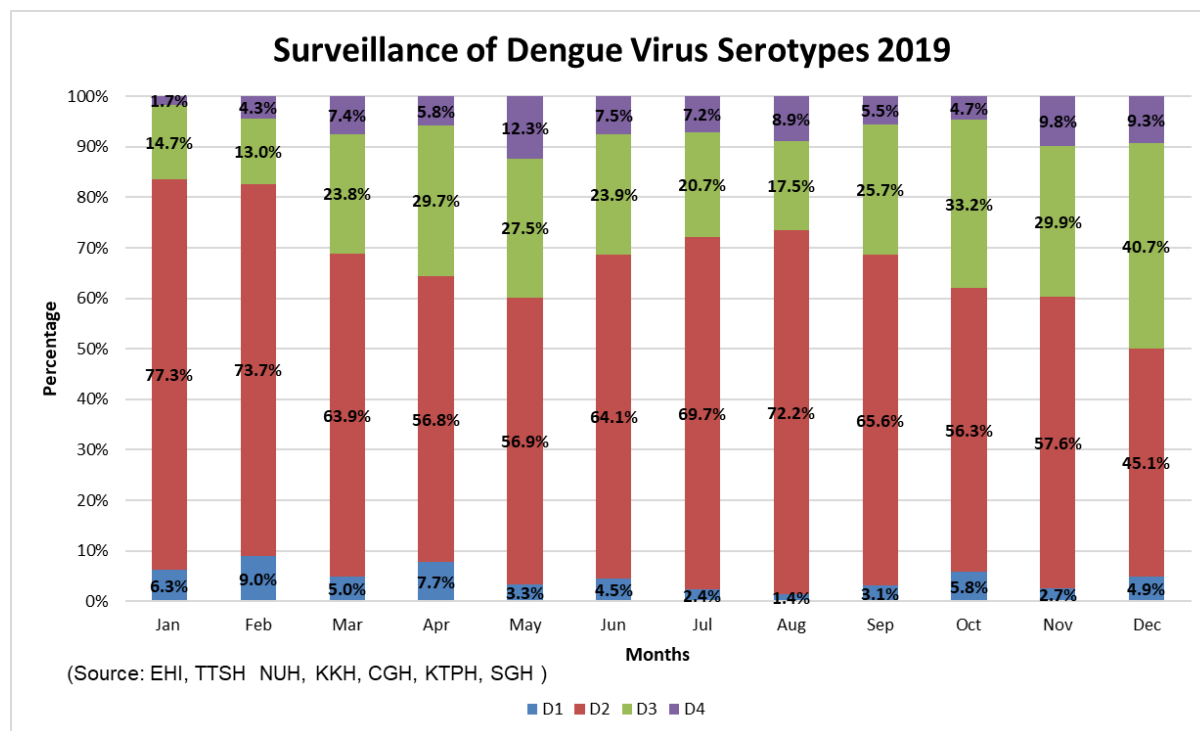
Deaths

2.   There were three reported deaths due to local dengue infection from Oct-Dec 2019. The three cases were between 52 and 78 years of age. Two of the three cases resided in dengue clusters. As of Dec 2019, a total of 20 deaths due to local dengue infection have been notified in 2019.

Serotype distribution

3.   Results of positive dengue samples serotyped between Oct and Dec 2019 indicate that DEN-2 accounted for majority of the typed samples, followed by DEN-3, DEN-4 and DEN-1 (Figure 1) *.

Figure 1. Dengue serotypes in 2019

(Source: EHI, TTSH NUH, KKH, CGH, KTPH, SGH)

*Preliminary figures, subject to revision when more information is available

<u>Clusters and breeding</u>

4.   NEA identified 348 clusters from Oct to Dec 2019 (E-week 40 - 52), of which 297 clusters were closed in the same period. As of Dec 2019, a total of 1,529 clusters were identified, of which 1,477 clusters have been closed in the same period.

5.   NEA detected about 4,700 mosquito breeding habitats in the quarter from Oct to Dec 2019, an increase of about 36% compared to the previous quarter from Jul to Sep 2019.

6.   The top five breeding habitats found in homes and public areas are shown in Table 2.

Table 2: Top five breeding habitats for 4ᵗʰ Quarter 2019 (Oct to Dec)*

	Top 5 Breeding Habitats in Homes	**Top 5 Breeding Habitats in Public Areas**
1	Domestic Containers	Closed Perimeter Drains
2	Flower Pot Plates/Trays	Discarded Receptacles
3	Ornamental Containers (vases)	Gully Traps
4	Plants (Hardened soil and plant axils)	Closed Carpark Drains
5	Planter Boxes	Closed Roadside Drains

*Provisional; generated as of 21 Jan 2020