

Dengue surveillance data, Oct - Dec 2020

Number of cases reported

1. 4,507 dengue cases (including 6 dengue haemorrhagic fever cases) were notified in the quarter from Oct-Dec 2020 (E week 41- 53), a decrease of 73.5% as compared to the previous quarter from Jul-Sep 2020 (E week 27- 40).

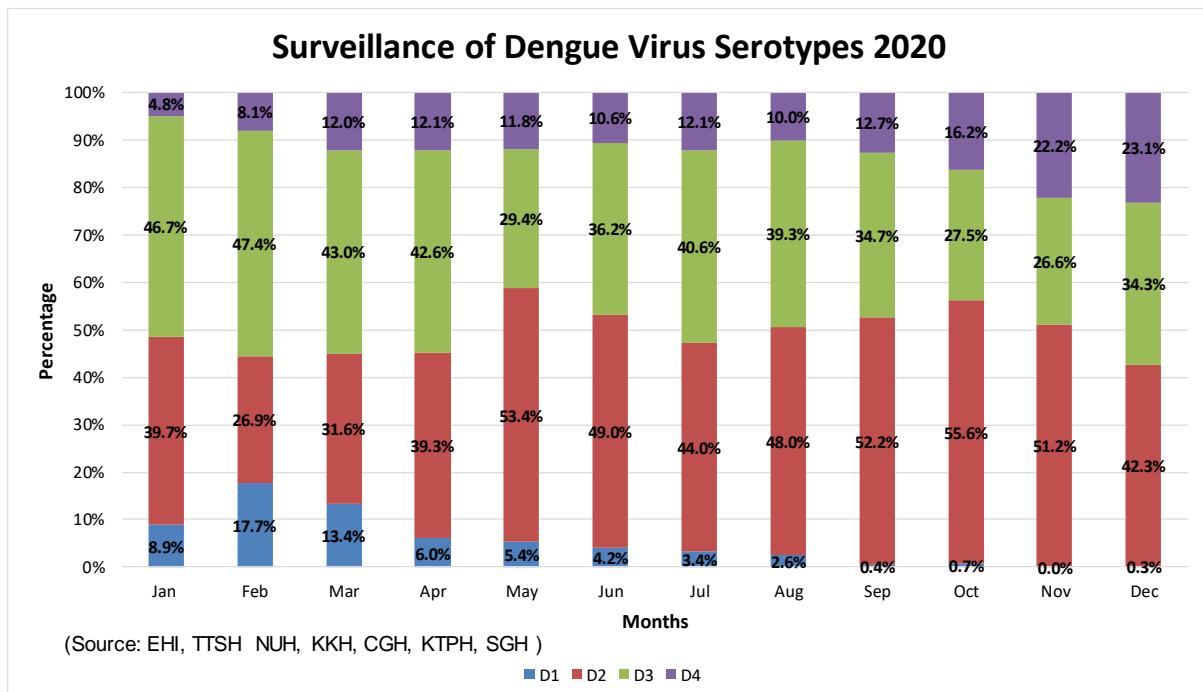
Deaths

2. There were 3 reported deaths due to local dengue infection from Oct-Dec 2020. The cases were between 45 and 83 years of age. Of the 3 deaths, 2 resided or worked within dengue clusters. For 2020, a total of 32 deaths due to local dengue infection have been notified.

Serotype distribution

3. Results of positive dengue samples serotyped between Oct and Dec 2020 indicated 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 2020



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

Clusters and breeding

4. NEA identified 558 clusters from Oct to Dec 2020 (E-week 41- 53). Of the 558 clusters, 503 were closed in the same period. The number of clusters identified decreased by about 59% in the fourth quarter of 2020, as compared to the previous quarter.
5. NEA detected about 4,900 mosquito breeding habitats in the quarter from Oct to Dec 2020, a decrease of about 28% compared to the previous quarter from Jul to Sep 2020.
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 2020 (Oct to Dec)*

	Top 5 Breeding Habitats in Homes	Top 5 Breeding Habitats in Public Areas
1	Domestic Containers	Discarded Receptacles
2	Flower Pot Plates/Trays	Covered Perimeter Drains
3	Ornamental Containers (vases)	Plants (e.g. Hardened soil and leaf axils)
4	Plants (e.g. Hardened soil and leaf axils)	Gully Traps
5	Planter Boxes	Domestic Containers

*Provisional; generated as of 20 Jan 2021