

Dengue surveillance data, Jan - Mar 2019

Number of cases reported

1. 2,223 dengue cases (including 25 dengue haemorrhagic fever cases) were notified in the quarter from Jan to Mar 2019 (E week 1 – 13), an increase of 87.9% as compared to the previous quarter from Oct to Dec 2018 (E week 40 – 52).

Deaths

2. There were three reported deaths due to local dengue infection from Jan to Mar 2019.

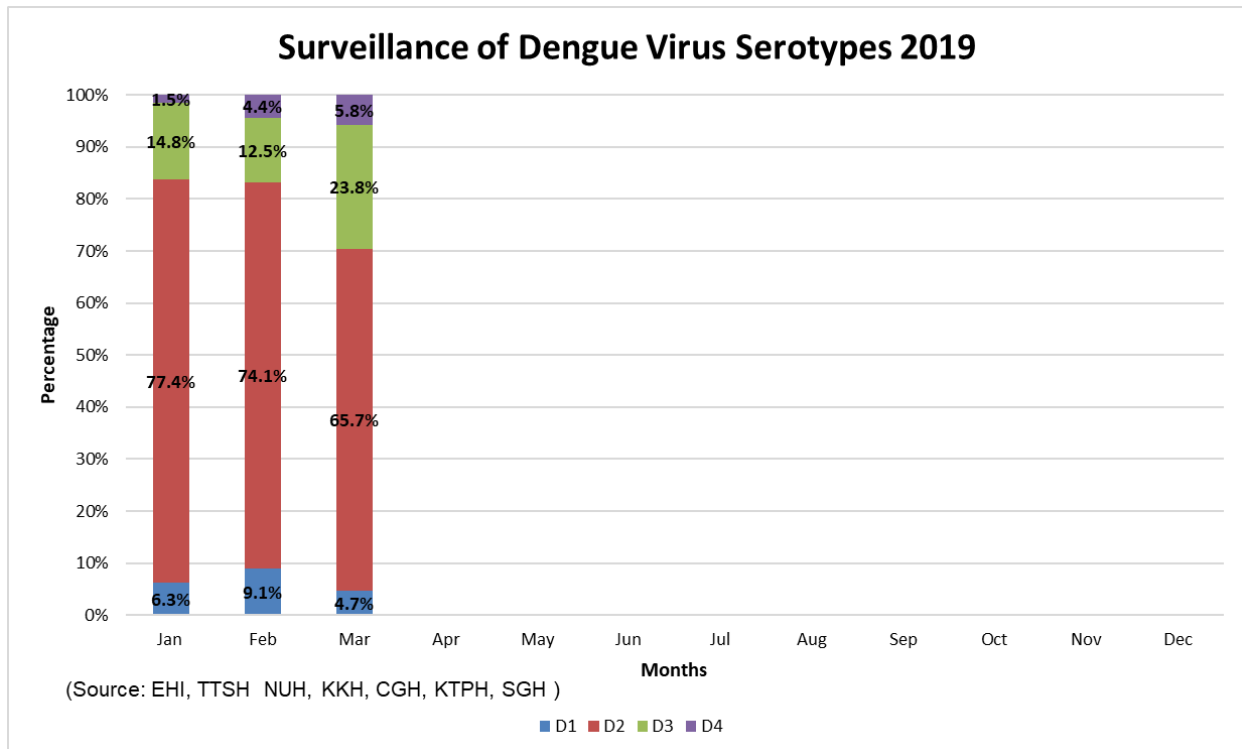
Table 1. Dengue death cases (local infections) reported between Jan-Mar 2019

S/N	Age	Location of residence	Residing in active dengue cluster	Month of death
1	74	Bedok Reservoir Road	Yes	Feb
2	77	Hougang Ave 3	Yes	Feb
3	71	Ang Mo Kio Ave 4	Yes	Mar

Serotype distribution

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

Figure 1. Dengue serotypes in 2019



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

Clusters and breeding

4. NEA identified 214 clusters from Jan to Mar 2019 (E-week 1 - 13) and 192 clusters were closed as of end Mar 2019. In the previous quarter (Oct to Dec 2018), 98 clusters were identified and 74 clusters were closed as of end Dec 2018.

5. NEA detected about 3,100 mosquito breeding habitats in the quarter from Jan to Mar 2019, a decrease of about 39% compared to the previous quarter from Oct to Dec 2018.

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

Table 2: Top five breeding habitats for 1st Quarter 2019(Jan to Mar) *

	Top 5 Breeding Habitats in Homes	Top 5 Breeding Habitats in Public Areas
1	Domestic containers	Closed perimeter drains
2	Ornamental containers (vases)	Gully traps
3	Flower pot plates / trays	Discarded receptacles
4	Toilet bowls/ cistern	Closed carpark drains
5	Plants (Hardened soil and plant axils)	Closed roadside drains

*Provisional; generated as of 09 Apr 2019