

Dengue surveillance data, Jul - Sep 2023

Number of cases reported

1. 3,055 dengue cases were notified in the quarter from Jul – Sep 2023 (E week 27 - 39), an increase of 53.6% as compared to the previous quarter from Apr – Jun 2023 (E week 14 - 26).

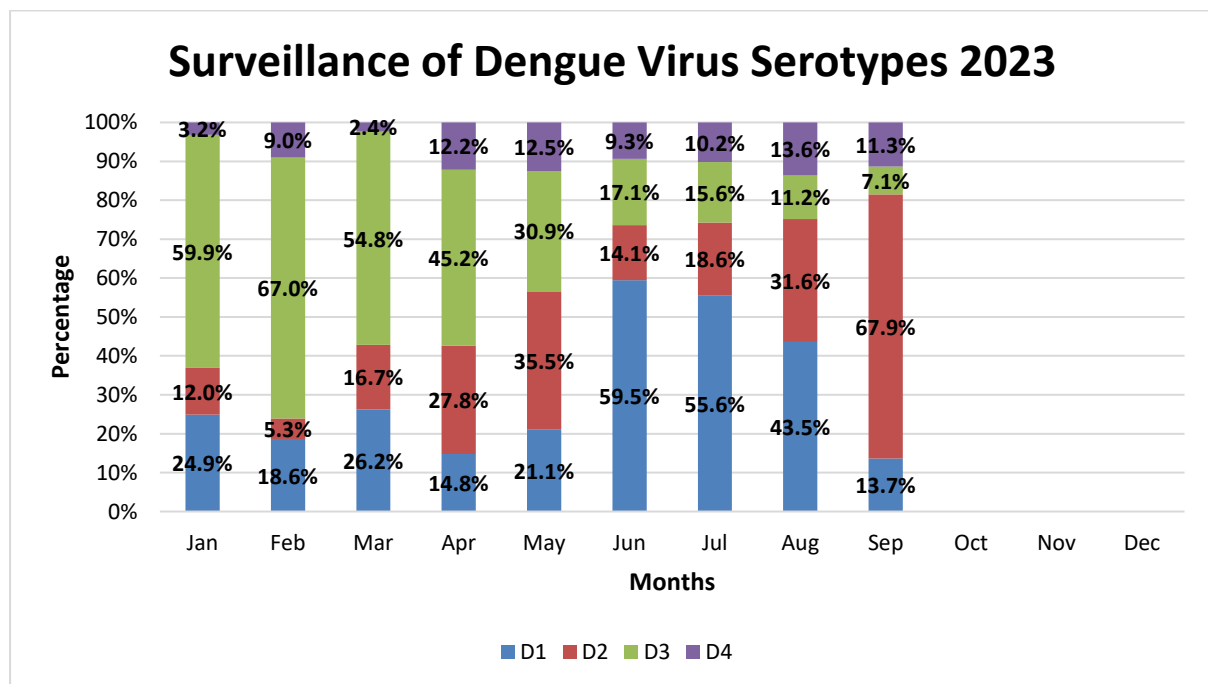
Deaths

2. There was one reported death due to local dengue infection from Jul – Sep 2023. As of Sep 2023, a total of three deaths due to local dengue infection have been notified this year.

Serotype distribution

3. Results of positive dengue samples serotyped between Jul and Sep 2023 indicated that DEN-2 accounted for majority of the typed samples, followed by DEN-1 and DEN-4 (Figure 1)*.

Figure 1. Dengue serotypes in 2023



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

Clusters and breeding

4. NEA identified 290 clusters from Jul to Sep 2023 (E week 27 – 39). Of the 290 clusters, 219 were closed in the same period. The number of clusters identified increased by about 36% compared to the previous quarter.
5. NEA detected about 4,500 mosquito breeding habitats in the quarter from Jul to Sep 2023, a decrease of about 15% compared to the previous quarter.
6. The top five breeding habitats found in homes and public areas are shown in Table 2.

Table 2: Top five mosquito breeding habitats for 3rd Quarter 2023 (Jul to Sep)*

	Top 5 Breeding Habitats in Homes	Top 5 Breeding Habitats in Public Areas
1	Domestic Containers (Pails)	Covered Perimeter Drains
2	Flowerpot Plates/Trays	Discarded Receptacles
3	Ornamental Containers (Vases)	Gully Traps
4	Refuse Bins Placed Outside Landed Houses	Domestic Containers (Pails)
5	Plants (Hardened Soil and Plant Axils)	Covered Carpark Drains

*Provisional; generated as of 18th Oct 2023