

## Dengue surveillance data, Oct - Dec 2023

### Number of cases reported

1. 2,546 dengue cases were notified in the quarter from Oct – Dec 2023 (E week 40 - 52), a decrease of 16.6% as compared to the previous quarter from Jul – Sep 2023 (E week 27 - 39).

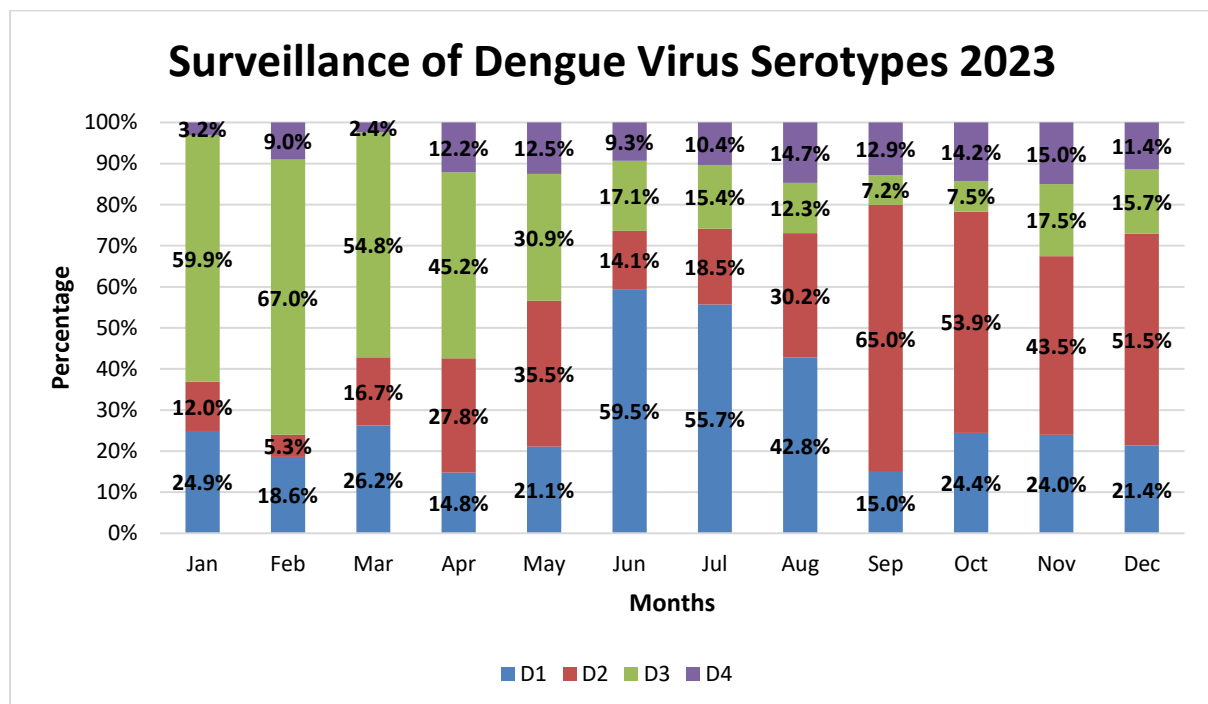
### Deaths

2. There were three reported deaths due to local dengue infection from Oct – Dec 2023. As of Dec 2023, a total of six deaths due to local dengue infection have been notified this year.

### Serotype distribution

3. Results of positive dengue samples serotyped between Oct and Dec 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 308 clusters from Oct to Dec 2023 (E week 40 – 52). Of the 308 clusters, 269 were closed in the same period. The number of clusters identified increased by about six percent compared to the previous quarter.
5. NEA detected about 5,200 mosquito breeding habitats in the quarter from Oct to Dec 2023, an increase of 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 4<sup>th</sup> Quarter 2023 (Oct to Dec)\***

	<b>Top 5 Breeding Habitats in Homes</b>	<b>Top 5 Breeding Habitats in Public Areas</b>
1	Domestic Containers (Pails)	Covered Perimeter Drains
2	Flowerpot Plates/Trays	Discarded Receptacles
3	Ornamental Containers (Vases)	Gully Traps
4	Canvas Sheet/Plastic Sheet	Domestic Containers (Pails)
5	Refuse Bins Placed Outside Landed Houses	Puddle/Ground Depression

\*Provisional; generated as of 17<sup>th</sup> Jan 2024