

# Dengue

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Surveillance of the Aedes Aegypti Mosquito Population with Gravitrap

## Dengue Cases

It is important to note that the day-to-day numbers fluctuate, as they depend on the number of cases notified each day. Therefore, weekly numbers are a better reflection of actual trends.

### Number of Reported Cases

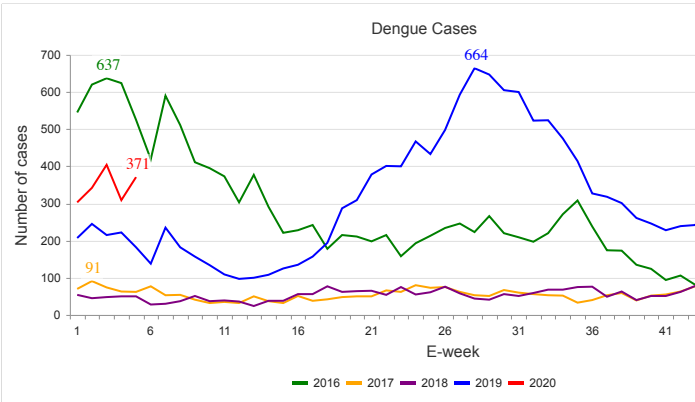
01-Feb	02-Feb	03-Feb	04-Feb	05-Feb	06-Feb	07-Feb at 3pm
43	34	67	74	64	51	28

### Number of Reported Cases by E-week (from Sun 0000hrs to Sat 2359hrs)

E-week 52 (22-28Dec19)	E-week 1 (29Dec19-04Jan20)	E-week 2 (05-11Jan20)	E-week 3 (12-18Jan20)	E-week 4 (19-25Jan20)	E-week 5 (26Jan-01Feb20)
290	303	342	404	309	371

Cumulative No. of cases for 2020 (First 5 E-weeks): 1729

Compiled by Communicable Diseases Division, Ministry of Health



371 dengue cases were reported in the week ending 1 February 2020. As of 3 February 2020, there are 80 active dengue clusters reported, with the large clusters located at Begonia Drive, Jalan Bangau, Gangsa Road and Jalan Kembangan.

The *Aedes aegypti* mosquito is the primary vector for the transmission of dengue. It breeds well indoors, in clean, stagnant water easily found in our homes. To prevent an increase in dengue cases, residents and stakeholders must take proactive dengue prevention measures by practising the following steps immediately and frequently, to remove stagnant water in our surroundings:

- Turn the pail
- Tip the vase
- Flip the flower pot plate
- Loosen the hardened soil
- Clear the roof gutter and place *Bti* insecticide inside

NEA has made available information on areas with relatively higher *Aedes aegypti* mosquito population on the myENV app, and urges all to use this information to take immediate action to reduce the mosquito population. Steps on how to enable notifications via the app can be found on the webpage: [Surveillance of the Aedes aegypti Mosquito Population with Gravitrap](#)s.

The high *Aedes aegypti* mosquito population in the community, current high number of dengue cases, and increase in circulation of DENV-3, could lead to weekly dengue cases rising above current levels in 2020. Concerted community action and sustained mosquito control efforts are thus needed to prevent further escalation of the *Aedes aegypti* mosquito population, and an increase in the number of people becoming ill with dengue.

During the Chinese New Year festive season, homes and other premises may be decorated with more ornamental plants. All stakeholders are urged to take care of these plants and prevent them from becoming mosquito breeding habitats, by making sure that water does not accumulate in the flower pot plates or on top of the hardened soil.

Those infected with dengue should also apply repellent to prevent mosquitoes from biting them and picking up the virus from them, and those showing symptoms suggestive of dengue should see their GPs early to be diagnosed. The symptoms of dengue include:

- Sudden onset of fever for two to seven days