

Dengue

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Zika

Prevent Aedes Mosquito Breeding

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

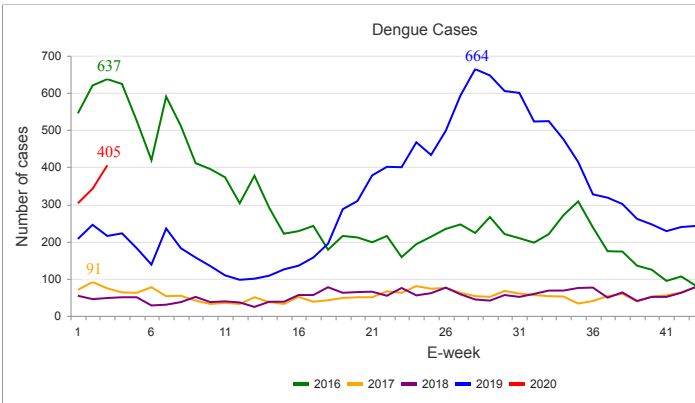
18-Jan	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan at 3pm
46	31	66	46	62	48	12

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

E-week 50 (08-14Dec19)	E-week 51 (15-21Dec19)	E-week 52 (22-28Dec19)	E-week 1 (29Dec19-04Jan20)	E-week 2 (05-11Jan20)	E-week 3 (12-18Jan20)
257	226	290	303	342	405

Cumulative No. of cases for 2020 (First 3 E-weeks): 1050

Compiled by Communicable Diseases Division, Ministry of Health



405 dengue cases were reported in the week ending 18 January 2020. As of 20 January 2020, there are 100 active dengue clusters reported, with the large dengue clusters located at Begonia Drive, Jalan Bangau, Bukit Mugliston, Cashew Road, Jalan Paras and Gangsa Road. Through the concerted effort of stakeholders and the community, the 154-case dengue cluster at Elias Road has closed and is under surveillance. Dengue virus serotype 3 (DENV-3) has been detected in clusters at Jalan Bangau, Cashew Road, Jalan Paras and Gangsa Road.

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](#).

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.

As the Chinese New Year festive season approaches, homes and other premises will 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. Homeowners doing spring cleaning are also reminded to properly dispose of any refuse, including large furniture or household items, to avoid the discarded materials from becoming unintentional mosquito breeding habitats.

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
- Severe headache with retro-orbital (behind the eye) pain
- Joint and muscle pain
- Skin rash
- Nausea and vomiting
- Bleeding from the nose or gums
- Easy bruising of the skin

All of us, including residents, contractors, and business owners, have a part to play in preventing dengue. The latest updates can also be found on the NEA website, Stop Dengue Now Facebook page or myENV app.