

Monthly gravidtrap index for Aedes albopictus mosquitoes of February remains at lowest level

The Food and Environmental Hygiene Department (FEHD) today (March 20) announced that the monthly gravidtrap index for Aedes albopictus mosquitoes in February dropped further, to 0.03 per cent from 0.2 per cent in January this year. The index in February remained at the lowest Level 1, indicating that the distribution of Aedes albopictus mosquitoes in the areas surveyed was not extensive.

In February, all 64 survey areas recorded a gravidtrap index level lower than the alert level of 20 per cent. Moreover, the monthly density index for Aedes albopictus in February was 1, which means that an average of one Aedes albopictus adult was found in the Aedes-positive gravidtraps, indicating that the number of adult Aedes albopictus was not abundant in the survey areas. The gravidtrap and density indices for Aedes albopictus in different survey areas, as well as information on mosquito prevention and control measures, are available on the department website at www.fehd.gov.hk.

A spokesman for the FEHD said, "The FEHD has continued to intensify mosquito prevention and control work with relevant government departments in areas under their purview, including eliminating mosquito breeding places, applying larvicides, conducting fogging operations to eradicate adult mosquitoes, and placing mosquito trapping devices at suitable locations. The FEHD has also provided government departments with professional advice and technical support to assist them in swiftly formulating and implementing effective anti-mosquito measures while strengthening publicity and education at the same time. Under the concerted efforts and collaboration of various parties, the index in February remained at the lowest level. Although the index remains at a low level, the warm and humid weather of spring is favourable for mosquito breeding. The FEHD will continue to monitor the mosquito infestation in all districts, and will conduct prompt and effective mosquito prevention and control work. Members of the public are reminded to continue the routine mosquito prevention and control work, especially the repair and maintenance of structures. Cracks and dents which may accumulate water and become potential breeding grounds should be filled and levelled to reduce the chance of mosquito breeding when the rainy season approaches."

The FEHD will conduct a three-phase Anti-mosquito Campaign this year. The first phase of the territory-wide campaign was launched on February 17 and ended on March 14. During the period, the district offices of the FEHD targeted areas that have drawn particular concern, such as public markets, cooked food centres and hawker bazaars, single-block buildings, streets and back lanes, common parts of buildings, village houses, construction sites, vacant sites and road works sites, to remove accumulated water and carry out mosquito prevention and control work. After the first phase of the campaign, the FEHD will conduct territory-wide thematic special operations on mosquito

prevention and control, such as strengthening mosquito control at individual construction sites. To further enhance the effectiveness of mosquito control, the FEHD and relevant government departments will carry out phase one of the All-out Anti-mosquito Operations from March 10 to focus on eliminating potential mosquito breeding places, and called on property management groups to arrange necessary repairs to their premises to minimise mosquito breeding places before the breeding season. Furthermore, intense adult mosquito control will follow by means of regular ultra-low volume fogging operations during the rainy season.

The FEHD appeals to members of the public to continue to stay alert and work together to carry out mosquito prevention and control measures early, including inspecting their homes and surroundings to remove potential breeding grounds, changing water in vases and scrubbing their inner surfaces, removing water in saucers under potted plants at least once a week, properly disposing of containers such as soft drink cans and lunch boxes, and drilling large holes in unused tyres. The FEHD also advises members of the public and estate management bodies to keep drains free of blockage and level all defective ground surfaces to prevent the accumulation of water. They should also scrub all drains and surface sewers with an alkaline detergent at least once a week to remove any mosquito eggs.

Aedes albopictus is a kind of mosquito that can transmit dengue fever (DF). DF is commonly found in tropical and subtropical regions of the world, and has become endemic in many countries in Southeast Asia. In 2024, the World Health Organization recorded over 14 million DF cases, which was a record number. The dengue activity in neighbouring areas has remained high. Members of the public should stay vigilant and continue to carry out effective mosquito prevention and control measures.