

# Department of Disease Control

## Weekly Disease Forecast No.225\_Dengue (1 – 7 September 2019)

From the national disease surveillance system during 1 January to 27 August 2019, the Department of Disease Control reveals 77,575 dengue cases of which 81 died. The highest number of cases were in children aged 5 – 14 years, followed by adults aged 15 - 34 years, and young children aged 0 - 4 years respectively. Provinces with the top five highest incidence rates (cases per 100,000 population) were Ubonratchathani, Chanthaburi, Nakhonratchasima, Chiangrai, and Rayong respectively.

The number of dengue cases of this year up to the present was 1.5 times compared to the same period of last year. The number of cases has already been higher than the median of the past 5 years. The Case Fatality Rate (CFR) is comparable to last year.



This week disease forecast reveals a decreasing trend after its peak in July. However, there still be rainfalls in some areas with outdoor stagnant water in natural and artificial water containers that can serve as mosquito breeding sites.

The Department of Disease Control (DDC) advises people to protect themselves and their family member from mosquito bites, especially people who are at risk of severe illness or death, such as children, the elderly and people with chronic diseases. Patients with high fever should be given paracetamol. Do not give aspirin, Ibuprofen or NSAID (non-steroidal anti-inflammatory drug) as these drugs may cause more bleeding. Common symptoms of dengue include abrupt high grade fever that lasts 2 to 5 days, headache, eye socket pain, body ache, nausea, vomiting, anorexia, coughing without running nose, facial skin redness, skin petechiae on arms, legs, and joints.

For patients with the warning signs, occurring especially when temperature declines, including bleeding from nose or gums, drowsiness or irritability, pale, cold, or clammy skin or difficulty breathing, and shock, a special medical care at the hospital for life saving is urgently needed.

DDC urges people in all households, communities, and workplaces to routinely eliminate mosquito breeding sites using the mosquito control measure called “3 Do’s to prevent 3 diseases (dengue, chikungunya and Zika virus)”, i.e. 1) cover water-storage containers, change water in small containers every 7 days and eliminate all outdoor mosquito breeding sites, 2) dispose garbage properly, and 3) keep houses tidy without any corners suitable for mosquitoes to rest.

For queries or additional information, please call DDC hot line 1422.



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