Department of Disease Control Weekly Disease Forecast No. 194\_Dengue (20 – 26 January 2019)

From the national disease surveillance system, the Department of Disease Control reveals 715 dengue cases during 1 – 15 January 2018. Provinces with the top five incidence rates (cases per 100,000 population) were Sonkhla, Pattani, Phuket, Nakhon Pathom, and Nakhon Si Thammarat. The highest number of cases were in age group 10 -14 years.

From the disease verification system during 1 - 17 January 2019, there were 6 dengue deaths. Two were in Nakhon Si Thammarat province while one each were in Nakhon Ratchasima, Songkhla, Ubon Ratchathani, and Phetchaburi. Among them, three had delay hospital visits, two had chronic diseases and one had a history of previous dengue infection.

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This week disease forecast reveals a continue occurrence trend of dengue especially in the Southern region with rainfalls leaving outdoor stagnant water in natural and artificial water containers that can serve as mosquito breeding sites.

Dengue is an Aedes mosquito borne disease occurring in both adults and children. The disease is mostly found in the age group 5 - 14 years. Common symptoms include abrupt high grade fever that usually last 2 - 5 days, headache, body ache, anorexia, nausea, vomiting, coughing without running nose, skin petechiae and enlarged liver. Warning signs of shock, especially when temperature declines, include bleeding from nose or gums, drowsiness or irritability, pale, cold, or clammy skin or difficulty breathing. If the illness is not improving within 2 days, especially in high risk groups (people with chronic diseases and people with previous dengue), a special medical care at the hospital for life saving is urgently needed.

The Department of Disease Control (DDC) advises people to protect themselves and their children well from mosquito bites. DDC strongly 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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