Department of Disease Control Weekly Disease Forecast No. 193_Dengue (13 – 19 January 2019)

From the national disease surveillance system, the Department of Disease Control reveals 84,890 dengue cases of which 109 died in 2018. Provinces with the top five incidence rates (cases per 100,000 population) were Nakhon Pathom, Nakhon Sawan, Samut Sakhon, Nakhon Si Thammarat and Phuket. The highest number of cases were in age group 10 -14 years. The highest number of deaths were in age group 15 - 24 years.

From the outbreak verification system during 1-9 January 2019, there were 3 dengue incidents in 3 provinces: Nakhon Si Thammarat, Nakhon Ratchasima and Songkhla.



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This week disease forecast reveals a continue occurrence trend of dengue especially in the areas 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, 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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