



Highlights of diseases and event in July 2017

Situation of Hand, Foot and Mouth Disease

The situation of hand, foot and mouth disease (HFMD) according to the data in the national R506 surveillance system from 1 January to 1 August 2017, there were total 44,098 cases, with attack rate of 67.40, and 3 deaths of HFMD from Chanthaburi Province (tested positive for Enterovirus) and Roi Et Province (tested positive for EV71).

Children aged 0-4 years showed the highest attack rate with 1002.14 per 100,000 population, followed by 5-14 years old (70.01). The highest attack rate was found in the northern part of the country with 19.84 per 100,000 population, followed by the central (18.91 per 100,000 population), the southern (15.96) and the northeastern (11.42) parts.

During the previous 4 weeks, the top provinces with high attack rate included Surat Thani (43.74 per 100,000 population), Phitsanulok (35.45), Chanthaburi (40.25), Saraburi (39.65), Phichit (34.39), Lopburi (33.62), Nakhon Sawan (31.61), Ang Thong (31.41), Bangkok (28.29), Ayuthaya (27.05), Sukhothai (26.57), Rayong (25.38), Chiang Rai (22.53), Buriram (22.12), Chai Nat (21.69), Prachuap Khirikhan (21.32), Chachoengsao (20.77), Uthai Thani (18.45), Sing Buri (18.41) and Chiang Mai (18.02) Provinces.

The reported HFMD cases in 2017 are higher than the median since beginning of the year. More cases were reported since 20th week and yet the trend declined on 26th week. Hence, the cases are likely to be decreasing in August and September 2017, reducing about 6,000-7,000 cases per month.

Referring to the information from the Bureau of Epidemiology on HFMD virus serotype surveillance among 0-5 years old children in June 2017, 53 specimens from 12 out

of 40 participating hospitals were tested; and found to have enterovirus71 in 16 specimens, Coxsackie A 16 in 5 specimens, Coxsackie A 6 in 3 specimens, Coxsackie A 4 and Rhino virus in one specimen each. No HFMD outbreak or fatality was reported.

Since HFMD outbreaks usually occur during June to August every year, the disease trend still reveals high. In 2017, enterovirus71 is commonly found among HFMD infected cases.