



Highlights of Diseases and Event in April 2016

Influenza

Situation of influenza from the surveillance data showed that total 76,270 influenza cases were reported in 2015, with the attack rate of 117.11 per 100,000 population. There were also 34 deaths related to influenza and the mortality rate was 0.04 per 100,000 population. During 1 January to 19 April 2016, a total of 43,109 influenza cases were identified and the attack rate was 65.89 per 100,000 population. Five deaths included 2 each from Phetchaburi and Nakhon Ratchasima, and 1 from Pattani Province. The case fatality rate was 0.01%.

The age group of 0-4 years old revealed the highest attack rate (246.03 per 100,000 population), followed by 5-14 years old (191.32 per 100,000 population), 25-34 years old (48.89 per 100,000 population) and 15-24 years old (41.50 per 100,000 population). The highest attack rate was found in the northern part (98.48 per 100,000 population), followed by the central part (9.37 per 100,000 population), the northeastern part (36.72 per 100,000 population) and the southern part (26.38 per 100,000 population).

The provinces that should closely monitor the influenza situation are Nakhon Ratchasima, Chiang Mai, Phitsanulok and Samut Prakan. In the previous week, an outbreak of influenza-like illness (ILI) was reported from a sergeant school in Hang Chat District, Lampang Province. About 90 people had ILI symptoms and received treatment at the outpatient department in Hang Chat Hospital on 7 April 2016. In addition, 2 deaths were identified from Phetchaburi Province in last week

and both of them had high risk for influenza infection. Chiang Mai, Nakhon Ratchasima, Phitsanulok and Samut Prakan Provinces are at risk of potential influenza outbreak.

According to the laboratory data of R506 surveillance system, there were 5,393 cases of influenza type B (12.51%), 3,153 cases of type B (7.31%) and 34,562 cases with unknown virus type (80.18%). Among the cases identified with influenza type, there were 95.43% of unknown subtype (3,009 cases), 3.65% of H1N1/2009 (115 cases), 0.63% of H1 (20 cases) and 0.29% of H3 (9 cases). The laboratory surveillance data from Bureau of Epidemiology in 12-15th week stated that the most common type of influenza virus was B, followed by A and H1N1/2009.

Hand, Foot and Mouth Disease

In the surveillance data from 1 January to 26 April 2016, total 10,628 cases and 2 deaths of hand, foot and mouth disease (HFMD) were reported from 77 provinces, with attack rate of 16.24 per 100,000 population. One death was reported from Bangkok and one was from Chiang Mai. Case fatality rate was 0.02%. The current number of cases reported is similar to those reported in the previous year and median 5 years. Hence, about 2,394 cases are likely to be reported in May 2016. Close monitoring should be continued in Chiang Rai Province. No outbreak or death was reported in this week.

Events from Summer Storm

During 22-27 April 2016, 47 districts in 15 provinces were hit by summer storm. The most affected provinces were Sakhon Nakhon, Uttradit, Nakhon Panom, Nan and Bueng Kan, with one death in Buriram Province. Due to lightning, one person died each in Muang District of Buriram Province and Nakhon Panom Province. Moreover, in Phrae and Sakhon Nakhon, buildings and trees collapsed, and 3 people died.