



Highlights of Diseases and Events in Week 40, October 2014

Situation of Viral Conjunctivitis on 29 September 2014

- During 1-30 September 2014, total 145,135 cases of conjunctivitis were reported, which was higher than the predicted number and the upper limit of 90% confidence interval. It also demonstrated the outbreak pattern since late July until September. The number of cases reported in 40th week increased 4.7 times compared with that of 39th week.
- Provinces that reported the number of cases more than 50% higher than that of 39th week included Amnat Charoen (with 3,087 cases increased from the previous week). Provinces border with Amnat Charoen should start to conduct the surveillance and monitor the situation closely.
- In last week, an outbreak of conjunctivitis was reported from Chiang Mai Province, which involved all members in a family. The index case was a boy who got infected the virus from his classmates in a primary school. Total 15 more cases were detected among his family members and people close to the family.
- As for international situation, there was a conjunctivitis outbreak in Chennai City of India.

Situation of Dengue Fever, Dengue Hemorrhagic Fever and Dengue Shock Syndrome on 14 October 2014

- The Bureau of Epidemiology was reported through 506 that there were total 28,761 probable and confirmed dengue cases, with attack rate of 44.89 per 100,000 population, and 25 deaths, with mortality rate of 0.04% and case fatality rate of 0.09%. The number of cases reported during 1-40th weeks of 2014 was lower than median of previous 5 years. The age group of 10-14 years had the highest attack rate (128.64 per 100,000 population) among 13,549 students.
- Provinces that showed high attack rate and should conduct surveillance and prevention measures include Saraburi, Phuket and Narathiwat Provinces.
- An 8-year-old girl from Prachuap Khiri Khan Province was reported as a death case in last week. She began to sick on 26 September, and received treatment in a clinic on 2 October and Prachuap Khiri Khan Provincial Hospital on 6 October. On the day she admitted to the provincial hospital, she had signs of shock and physician diagnosed her as Dengue Shock Syndrome.

Situation of Influenza on 20 October 2014

- Situation of influenza showed the number of cases has been increasing during 36-41th week of September and October. Province that should continue for surveillance closely is Lampang (with attack rate more than 20 per 100,000 population during previous 4 weeks).
- There was no death reported in this week.
- The ILI surveillance data in 41st week showed that proportion of ILI cases among patients treated in the outpatient department was 5.13%.

Situation of Hand, Foot and Mouth Disease on 4 October 2014

- The cumulative number of HFMD cases from 1 January to 4 October 2014 was 55,877 cases, with attack rate of 86.69 per 100,000 population, and 2 deaths. Currently, outbreak trend is declining and number of cases is lower than that of the previous week, with 30.15% (341 cases). However, the cumulative number of cases is higher than that of last year, with 57.64% (20,430 cases).
- One death reported in last week was a 2-year-old boy from Rayong Province. He had history of playing with a child with HFMD from neighborhood. He got sick on 22 August 2014 and had symptoms of high fever, nausea and vomiting. He had received treatment in many hospitals and died on 27 August 2014. His clinical specimens were sent to the Department of Medical Science in Ministry of Public Health and tested to be positive of enterovirus 71 in cerebrospinal fluid and serum.

Situation of Leptospirosis on 11 October 2014

- From 1 January to 11 October 2014, the cumulative number of leptospirosis cases was 1,621 cases, with attack rate of 2.55 per 100,000 population, and 13 deaths, with mortality rate of 0.02 per 100,000 population.
- The number of case reported in 40th week had increased with 8.2 times higher than that of 39th week. There were total 41 cases reported during 1-11 October 2014. Increased number of cases was reported from provinces in the northeastern and central parts.
- In Malaysia, a cluster of leptospirosis outbreak was reported with total 4 cases aged 15-18 years old. They went swimming in Jeram Toi waterfall in Negeri Sembilan. Two weeks after that, they began to sick. Therefore, the State Health Department announced tourists not to throw foods and garbage in that area, and the Jeram Toi was closed temporarily for cleaning.