



## **Highlights of Diseases and Events in Week 51, December 2014**

### **Situation of Chickenpox on 28 December 2014**

- The number of cases reported in 51<sup>st</sup> week increased 1.5 times when compared with that of 50<sup>th</sup> week. As it is now approaching the outbreak season of chickenpox, the number of cases is likely to get higher significantly. Total 1,635 cases were reported on 1-28 December 2014. About 2,834 cases are predicted to be identified in December respectively.
- Top 3 provinces that were reporting more number of cases in 51<sup>st</sup> week included Mae Hong Son, Ratchaburi and Loei. However, no province had reported the cases more than 10% higher than that of 50<sup>th</sup> week.
- During last week, there was no new outbreak reported.

### **Situation of Dengue Fever, Dengue Hemorrhagic Fever and Dengue Shock Syndrome on 30 December 2014**

- The Bureau of Epidemiology was reported through 506 that there were total 39,569 probable and confirmed dengue cases, with attack rate of 61.75 per 100,000 population, and 40 deaths, with mortality rate of 0.06% and case fatality rate of 0.10%. Although the total number of cases are decreasing, data of 49-50<sup>th</sup> week showed the possibility of higher trend than the median. Actually, there should be a downward trend in the same direction as the median. Thus, despite the outbreak situation is starting to tail off, surveillance should be continued strictly in order to prevent new cases.
- Provinces that showed high attack rate and should conduct surveillance and prevention measures include Ang thong, Lop buri, Chaiyaphum, Amnat charoen, Nong bua lam phu, Sakon nakhon, Samut songkhram, Phetchaburi, Prachuap khiri khan, Nakhon Sri Thammarat and Ranong Provinces.

### **Situation of Acute Diarrhea on 31 December 2014**

- There were total 1,055,513 cumulative acute diarrhea cases from 1 January to 31 December 2014, with attack rate of 1637.55 per 100,000 population and 7 deaths. During December 2014, 45,806 cases were reported and 50,586 cases are predicted to be reported in December.

### **Situation of Measles on 30 December 2014**

- During previous 10 years (2004-2013), increased number of measles cases was reported in the periods between January-March and June-August every year. The highest number of case was reported in 2008, which was 3 times higher than the year with the lowest attack rate (2013). When the number of cases reported in 2014 was compared with that of 2013, lower number of cases was reported in every month of 2014. Thus, about 70 cases are predicted to be reported in November and December 2014.
- There were 11 provinces that have reported the number of cases more than 30% higher than that of 2013, which included Trang, Uthai Thani, Satun, Amnat Charoen, Nongkhai, Ang Thong, Chumphon, Surat Thani, Nakhon panom, Kamphaeng Phet, Yala and Saraburi.

### **Situation of Mumps on 30 December 2014**

- The number of cases reported in 51<sup>st</sup> week increased a bit when compared with that of 50<sup>th</sup> week, with 124 cases reported on 1-30 December 2014. It is predicted that 82 cases are likely to be reported in December.
- During 51<sup>st</sup> week, provinces with the highest number of cases were Ranong, Tak and Phitchit. However, there were no provinces that have reported more than 30%.
- There is no outbreak reported in previous week.

### **Situation of Pneumonia on 29 December 2014**

- Similar number of pneumonia cases was reported during 2013 and 2014. Total 8,535 cases were reported in December 2014 and 9,468 cases are predicted to be reported in December.
- There is no outbreak reported in previous week.
- Top 5 provinces that were reporting more number of cases in 51<sup>st</sup> week included Ang Thong, Sisa ket, Chiang rai, Chachoengsao and Phayao.