

台灣流感速訊

Taiwan Influenza Express

Taiwan Centers for Disease Control. | 2007~2008 Influenza Season | Week: 16 (2008/04/13-04/19) |

Taiwan Influenza Surveillance :

1. The consultation rates for ILI (Influenza-Like Illness) reported by sentinel physicians for the week 16 in 2008 were higher than the mean of previous 3 weeks, with the percentage rates for the past 4 weeks being 3.08, 2.91, 2.94 and 3.01 respectively, as shown in Fig. 1. It was higher than the mean of previous 3 weeks by 1.1%, but which was lower than the same period in 2006-2007.
2. Comparing to the mean of previous 3 weeks, the consultation rate increased in Taipei, North and Eastern regions, and decreased in rest of 3 regions of Taiwan.
3. The dominant respiratory virus identified by National Influenza Center and CDC Collaborating Labs in these 6 weeks was type B, as shown in Fig. 2. The other main respiratory viruses were Adenovirus and HSV.

Conclusion : The influenza surveillance for week 16 indicated that the epidemiological trends in Taiwan was higher than the mean of previous 3 weeks. Influenza A (H1) was the dominant viruses in this flu season.

Worldwide Influenza Surveillance :

1. **Asia : In Hong Kong**, the weekly consultation rate for ILI reported by general practitioners for the week 15 (2008/04/06-04/12) was 40.0‰, which comparing to the previous week was lower, and lower than the same period of last year. Since February 2008, influenza B (H1N1) was the dominant viruses. **In Japan**, the number of ILI cases reported by sentinel physicians was 0.94 for the week 14 (2008/03/31-04/06), which comparing with the previous week was lower, and lower than same period of last year. Influenza A (H1) was the dominant viruses in this flu season.
2. **U.S. /Canada : In USA**, during week 15 (2008/04/06-04/12), influenza activity continued to decrease in the United States. The proportion of outpatient visits for ILI and the proportion of outpatient visits for acute respiratory illness (ARI) were below national baseline levels. Three states reported widespread activity, four states reported regional activity, 16 states reported local activity, 26 states and the District of Columbia and Puerto Rico reported sporadic influenza activity. **In Canada**, during weeks 15, overall influenza activity declined slightly from the previous week. The ILI consultation rate was higher than previous week (28 ILI per 1,000 patient visits), which is above the expected range for this week. Of the influenza detections to date, 61% were influenza A and 39% were influenza B.
3. **Europe**: EISS indicated that influenza activity has returned to low levels in all countries across Europe. The majority of virus detections since the start of the season have been influenza A(H1N1) viruses.
4. **WHO Flu-net** : Global flu surveillance showed that in week 15 (accessed on Apr. 25, 2008) there was Regional Outbreak in Norway; Local Outbreak in USA and Russian Federation; Sporadic in Spain, Romania, Cameroon, Ukraine, Sri Lanka, France, Germany, China, Greece, Croatia, Portugal, Belgium, Latvia and Italy; the rest areas were no activity or no report.

Conclusion : WHO Flu-net indicated that there were influenza activities in some countries.

Global Distribution of Influenza by WHO FLU-NET

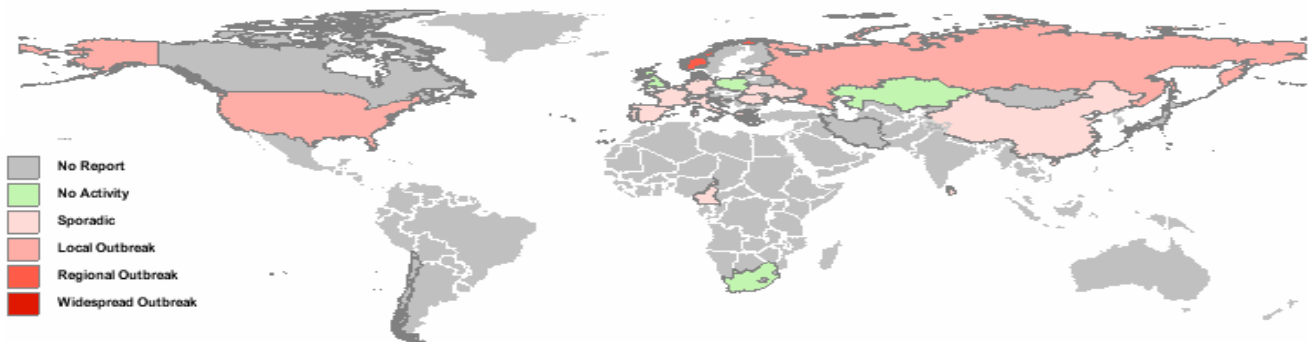


Fig.1 Percentage of Visits by ILI Cases as Reported by Sentinel Physicians

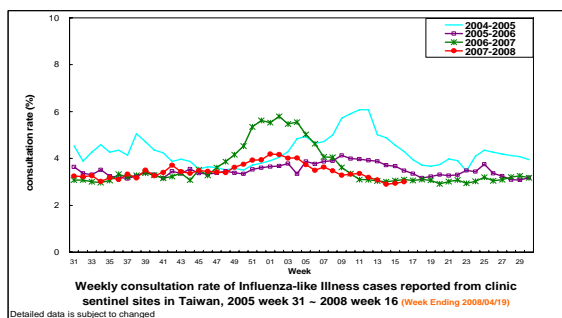
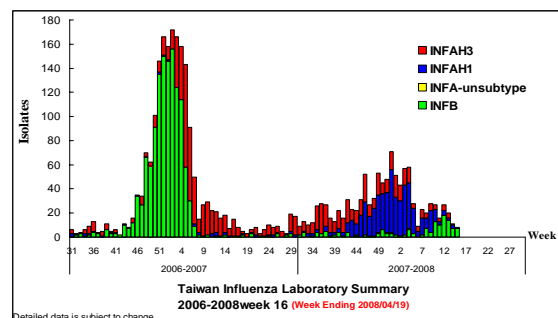


Fig2. Laboratory Summary



References :

Global epidemiological situation of influenza: WHO Flu-net, USA-CDC, CANADA-PHAC, EUROPE-EISS, JAPAN-IASR, HK DOH.
Taiwan epidemiological situation of ILI: Taiwan CDC. For more info, surf <http://www.cdc.gov.tw>, <http://flu.cdc.gov.tw>
The *Influenza Express* published weekly by Taiwan CDC informs you of the latest information on local and global influenza activities.