



台灣流感速訊

Taiwan Influenza Express

Taiwan Centers for Disease Control | 2008~2009 Influenza Season | Week 14, Mar. 29 ~ Apr. 4, 2009

Taiwan Influenza Surveillance:

1. The consultation rate for ILI (Influenza-Like Illness) reported by sentinel physicians for the week 14 in 2009 was lower than the mean of previous 3 weeks, with the percentage rates for the past 4 weeks being 2.64, 2.62, 2.52, and 2.52, respectively, as shown in Fig. 1. It was 2.8% lower than the mean of previous 3 weeks, which was lower compared to the same period in 2007-2008.
2. Comparing to the mean of previous 3 weeks, the consultation rate increased in Taipei region and decreased in the rest 5 regions of Taiwan.
3. The dominant influenza virus identified by National Influenza Center and CDC Collaborating Labs in last 6 weeks was type AH1, as shown in Fig. 2.

Conclusion: The influenza surveillance for week 14 indicated that the epidemiological trend in Taiwan was lower than the mean of previous 3 weeks. Influenza AH1 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 week 13 (2009/3/22-2009/3/28) was 34.9%, which was higher than the previous week but lower than the same period of last year. Since 2009, influenza A was the dominant viruses. In Japan, the number of ILI cases reported by sentinel physicians was 15.63 for week 12 (2009/3/16-2009/3/22), which was lower than the previous week but higher than the same period of last year. Influenza A was the dominant viruses in this flu season.
2. **U.S./Canada:** In USA, during week 12 (2009/3/22-2009/3/28), influenza activity continued to decrease. The proportion of deaths attributed to pneumonia and influenza was below the epidemic threshold. The proportion of outpatient visits for ILI was below the national baseline. Thirteen states reported widespread influenza activity, 19 states reported regional influenza activity, 14 states reported local influenza activity, the District of Columbia, Puerto Rico, and 3 states reported sporadic influenza activity. The dominant strain in 2008-2009 was influenza A. In Canada, during week 12 (2009/3/22-2009/3/28), influenza activity declined slightly from previous weeks. The ILI consultation rate was lower than previous week (18 ILI consultations per 1,000 patient visits), which is within the expected range for this week. The sentinel response rate was 62%. Of the influenza detections to date, influenza A was the dominant virus.
3. **Europe:** EISS indicated that in week 13 (2009/3/23-2009/3/29) widespread influenza activities were reported in Croatia, Estonia and Netherlands, regional influenza activities were reported in Latvia, Romania and Russian Federation, local influenza activities were reported in Finland, Greece, Italy, Slovakia, Turkey and Ukraine, sporadic influenza activities were reported in 21 countries and 1 region, with no activity or no report in the rest countries. The dominant strain in 2008-2009 was influenza A, but influenza B had been progressively increased.
4. **WHO Flu-net:** Global flu surveillance showed that in week 13 (accessed on Apr. 13, 2009) there were regional outbreaks in Romania and Russian Federation, local outbreaks in Tunisia, UK, USA, Israel, Estonia and Finland, sporadic outbreaks in Denmark, Croatia, Italy, Latvia, Madagascar, France, Slovenia, Spain, Sweden, Switzerland, Poland, Portugal, China, Belarus, Brazil and Sri Lanka; the rest areas were no activity or no report.

Conclusion: Influenza activity has been decreased in worldwide.

Global Distribution of Influenza by WHO FLU-NET

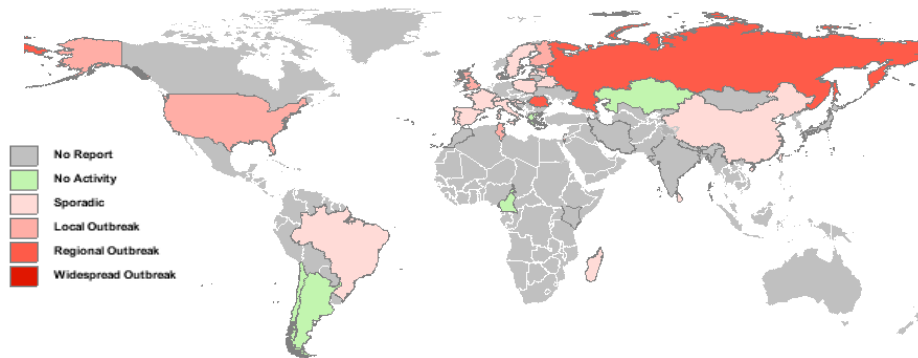


Fig.1 Percentage of Visits by ILI Cases as Reported by Sentinel Physicians

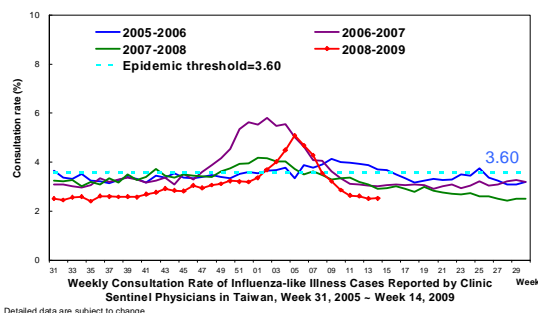
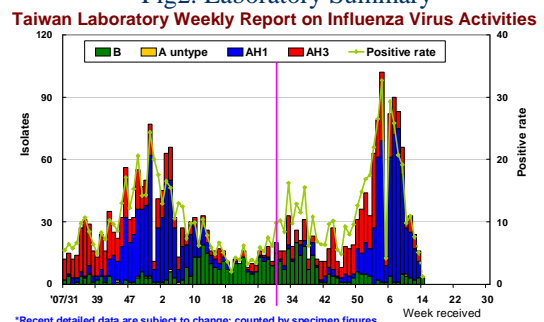


Fig2. Laboratory Summary



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> or <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.