

The objective of the bulletin is to report new health events occurring outside and inside EpiSouth area that have potential implications on EpiSouth population. It does not aim to provide an exhaustive review of international alerts. Since 2006, The French public health Institute (InVS) is issuing an online epidemic intelligence bulletin (Bulletin hebdomadaire International - BHI). In order to limit duplication and to make this already verified information available to a larger audience, information relating to health events of interest for EpiSouth population are translated and integrated in the relevant e-web sections. Despite all verifications, WP6 team would not be responsible for potential errors. The recipient is responsible for the cautious use of this information. Neither the European Commission nor any person acting on behalf of the Commission is liable for the use that may be made of the information contained in this report. Data maps and commentary used in this document do not imply any opinion of EpiSouth countries or its partners on the legal status of the countries and territories shown or concerning their borders.

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- **A(H5N1) Human and avian influenza – Hong-Kong**
- **“INSIDE” Events: None**
- **“OUTSIDE” Events:**
 - **Dengue, United States of America.**

Location:	Hong-Kong	Event:	A(H5N1) – Human	<u>Comments</u>
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- On November 17, 2010, Hong-Kong health authorities reported a human case of influenza A(H5N1). The case is :
 - 59 year-old woman ;
 - She presented 1st symptoms on November 2nd ;
 - Hospitalised on November 14, she is in critical condition ;
 - She travelled to Shanghai, Nanjing (Jiangsu province) and Hangzhou (Zhejiang province) in mainland China (cf. Figure 1) with her husband and daughter between October 23rd and November 1st.
 - Contacts with sick/dead poultry have not been documented but she visited market.
- Hong-Kong has implemented a comprehensive influenza surveillance system.
 - The last human cases in Hong-Kong were reported in February 2003; These 2 cases were certainly infected in Fujian province, mainland China.
 - The last epizootic reported in Hong-Kong occurred in the 1st trimester 2009 (wild birds). The last epizooty among poultry was notified in 2008.
- In mainland China,
 - The last human case in mainland China was reported in June 2010 in Hubei province.
 - The last epizootic was reported was in the 3rd quarter 2010 (wild birds) in Tibet (Xizang).
 - Veterinary surveillance and reporting in Mainland china is suboptimal, it is also likely that A(H5N1) human cases are under detected and/or under reported.

- According to available information this case detected in Hong-Kong is very likely to have been imported from mainland China.
- To date, the origin of contamination is unknown.
- The occurrence of cases without documented contacts with poultry in a country where few human and animal cases have recently been reported is worrying. This also raises questions regarding actual A(H5N1) situation in mainland China .
- Hong-Kong health authorities further investigate. The situation is followed up carefully.

Figure 1. Locations visited by the A(H5N1) case, mainland China.



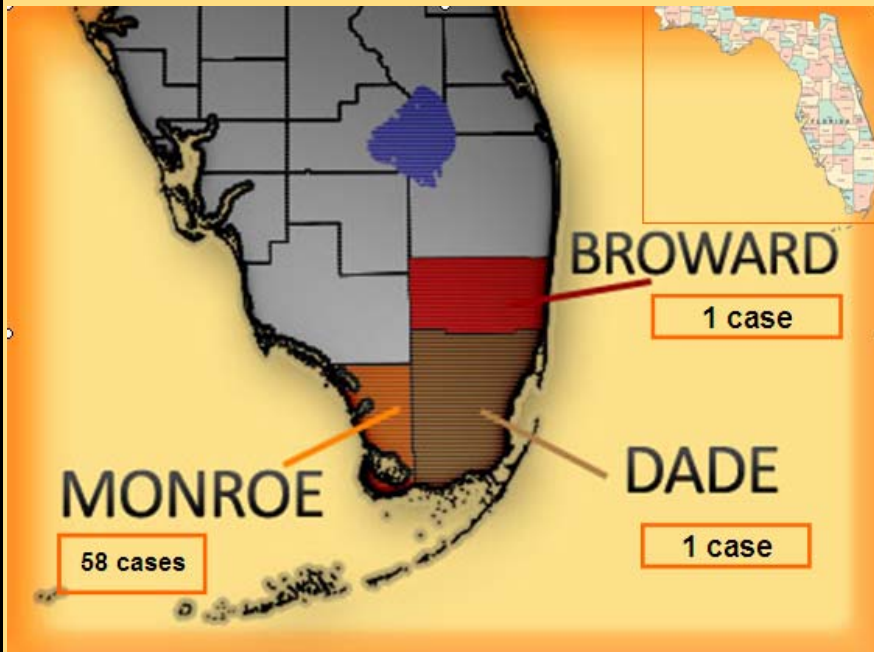
REPORT OF NEW HEALTH EVENTS OCCURRING OUTSIDE THE EPISOUTH AREA
 (NOT occurring in one or several EpiSouth countries)

Location: **United States of America** Event: **Dengue**

Comments

- On November 11 2010, Florida's health authorities reported an autochthonous case of dengue in metropolitan Miami (Miami-Dade County) (cf. Figure 1).
- To date, the serotype is unknown.
- Control measures have been strengthened in Florida's State.

Figure 2. Autochthonous cases reported in 2010 up to November 16, Florida, USA.



- Since the 50's, this is the 1st autochthonous case reported in Miami-Dade County, the most populated county of Florida.
- In 2009, 27 autochthonous cases were reported in Key West (Monroe county).
- In 2009, a seroprevalence survey conducted in Key West between July and September 2010 showed that 5% of inhabitants were positive for dengue virus.
- Since the beginning of the year 2010, 59 autochthonous cases have been reported including 58 in Key West (sérotipe 1) and 1 in Broward county (sérotipe 3). In the mean time, 120 imported cases have been notified including 43 in Miami-Dade County.
- Since 2009, increase in the number of reported autochthonous cases.. The situation is followed up carefully especially in touristic places such as Miami.