

Influenza Activity Update

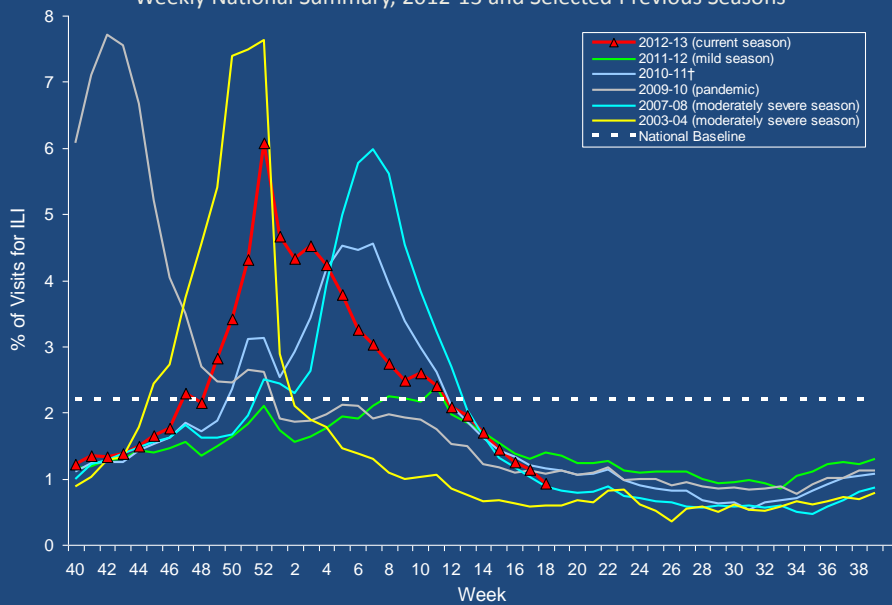
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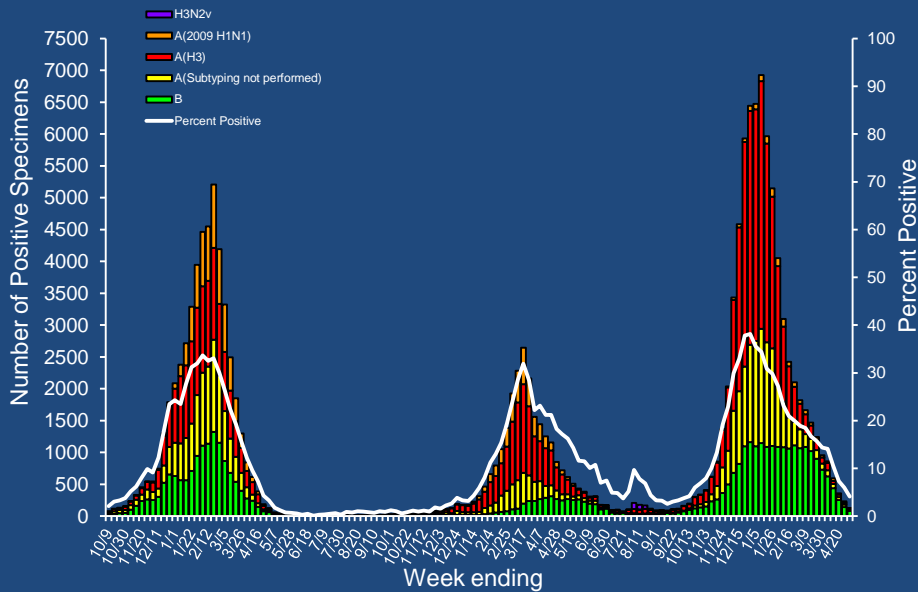
Influenza Division



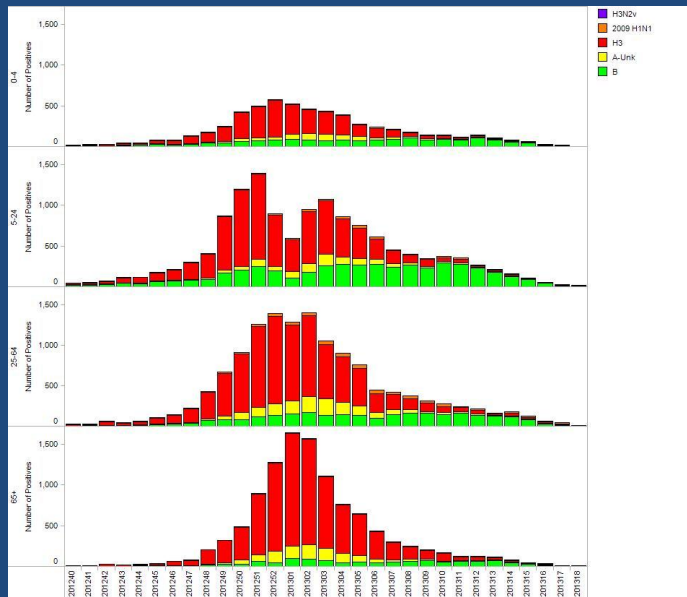
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



Epidemiology/Surveillance
 U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2010-13



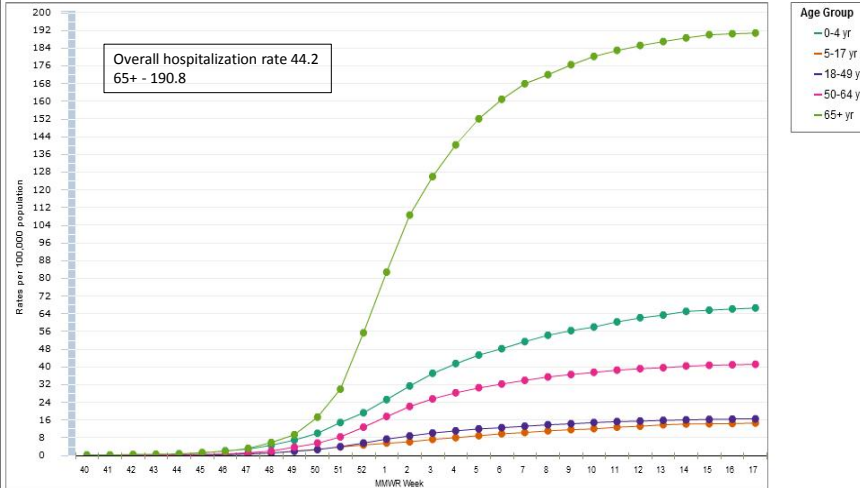
Influenza Virologic Data by Age Group



Epidemiology/Surveillance

Laboratory-Confirmed Influenza Hospitalizations

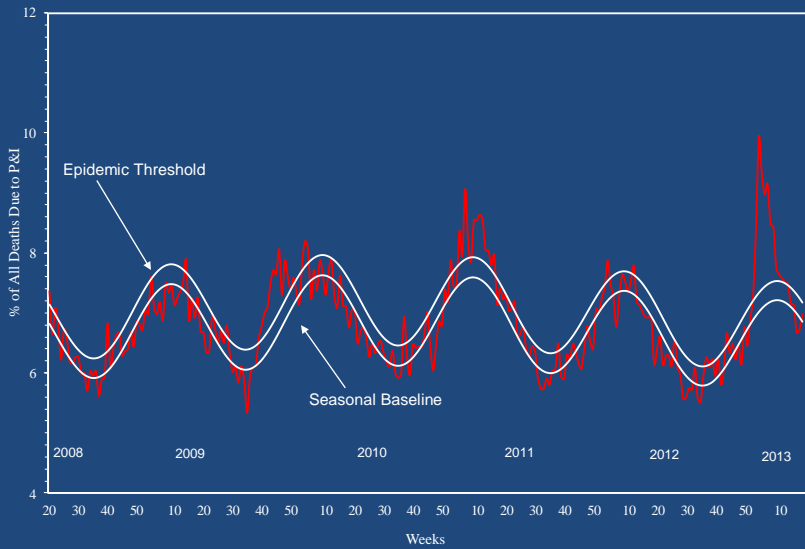
Preliminary rates as of May 04, 2013

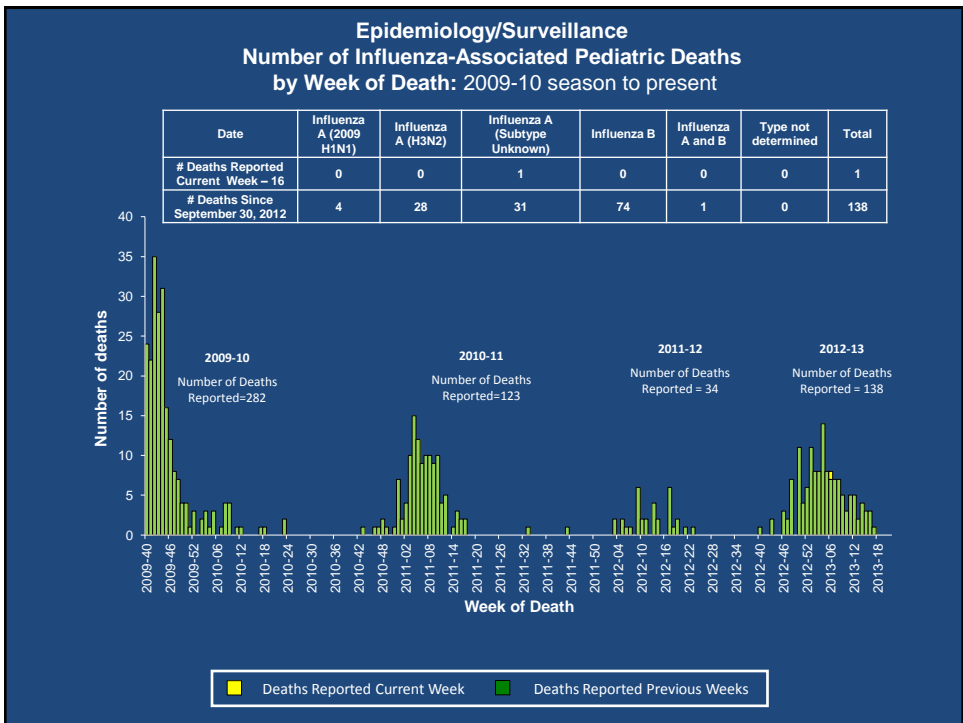
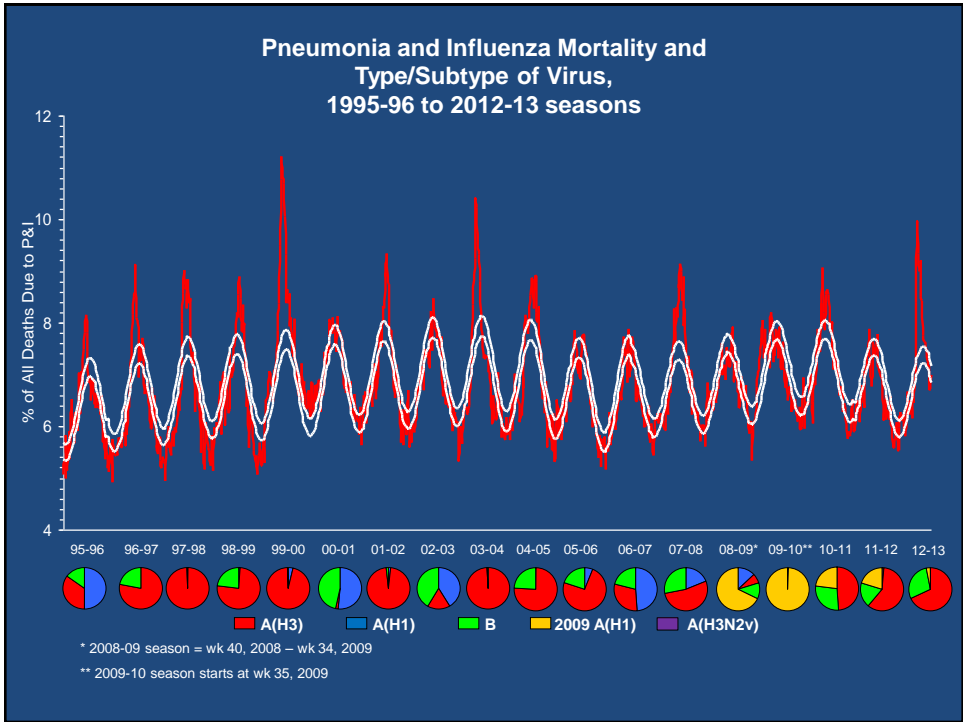


Data from the Influenza Hospitalization Surveillance Network (FluSurv-NET), a population-based surveillance for influenza related hospitalizations in children and adults in 15 US states. Incidence rates* are calculated using the National Center for Health Statistics' (NCHS) population estimates for the counties included in the surveillance catchment area.
*Cumulative Incidence Rates

Pneumonia and Influenza Mortality for 122 U.S. Cities

Week Ending May 4, 2013





Influenza-Associated Pediatric Deaths 2012-13 Season

- 73 (54%) of children had influenza B infections
- 68% of children were 5 years of age or older
- 56% had a high risk condition
- Typically ~20% of children with know vaccination status are fully vaccinated

Influenza A (H7N9)

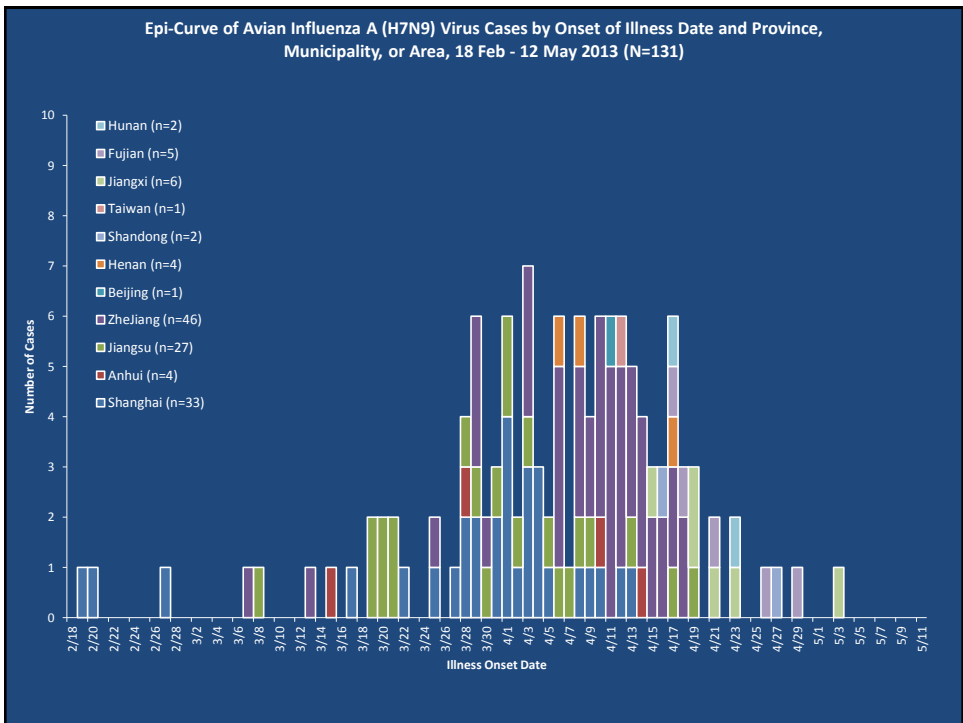
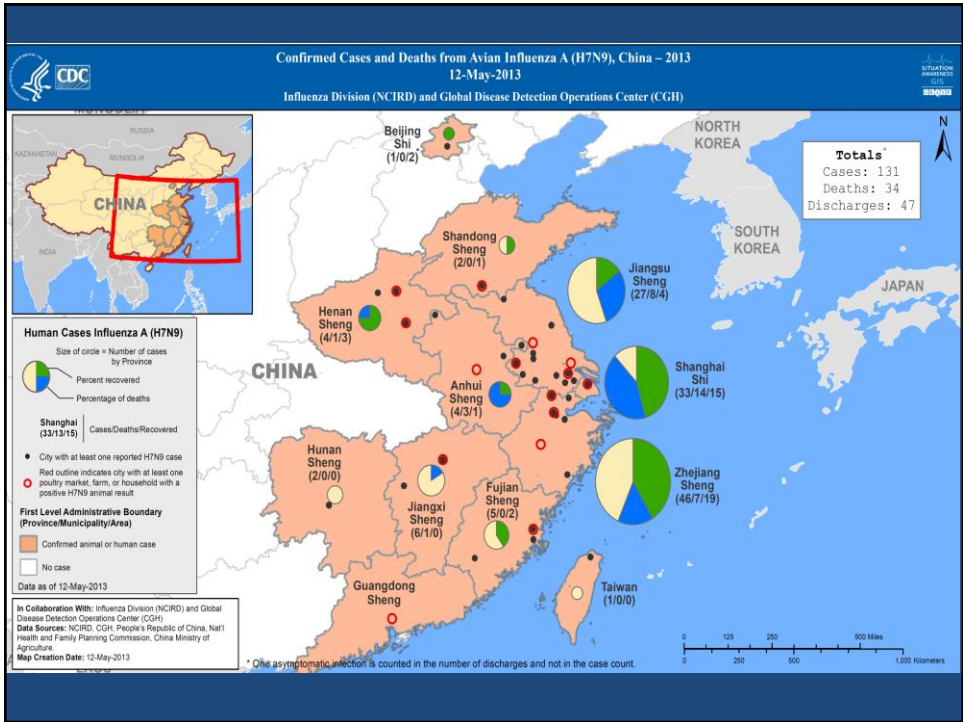
Influenza A (H7N9) in China

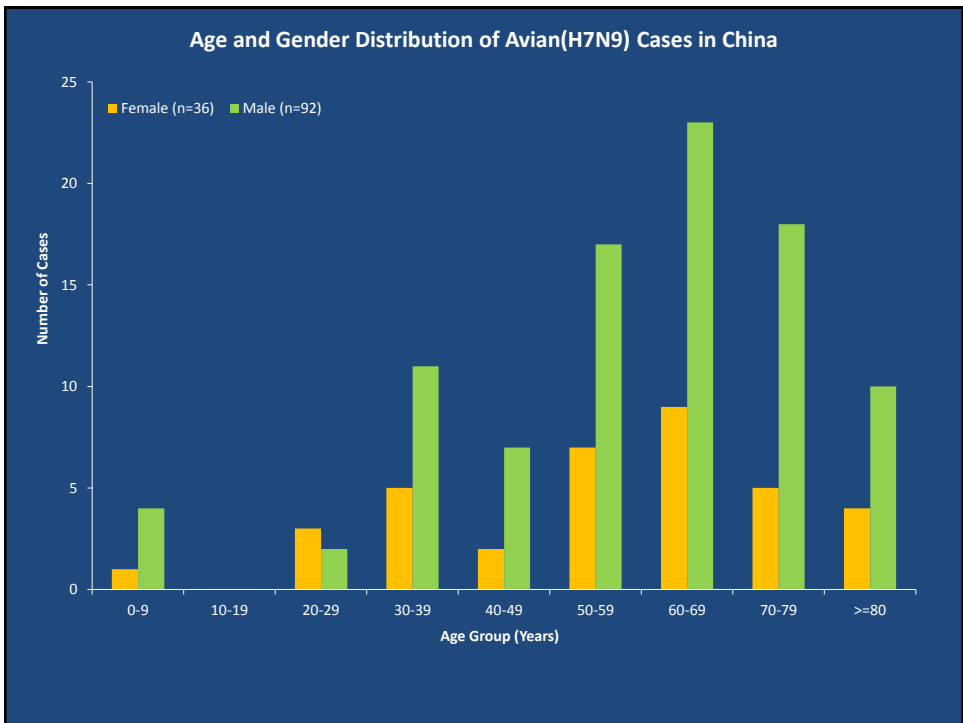
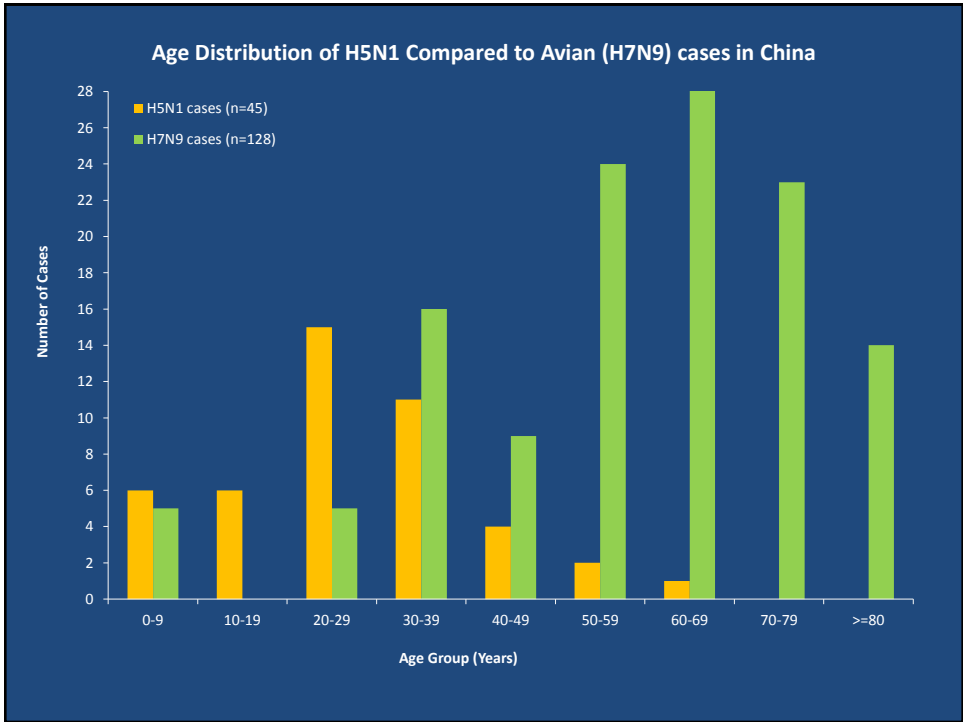
- First 3 cases were reported by China on March 31
- Virus is different from other H7 viruses that have infected humans
- Better adapted for infecting mammals than H5N1 but not fully adapted
- Poultry believed to be the source of human infections
- Low pathogenicity in poultry

Influenza A (H7N9) Summary — China

Cumulative counts since 19 Feb 2013	N
Number of provinces/municipalities/areas with confirmed cases	8 / 2 / 1
Number of confirmed cases*	131
Number of fatal confirmed cases	35

* Confirmed cases include persons with laboratory confirmation of H7N9 infection through report from China CDC or Provincial CDC





Domestic Surveillance for H7N9

- Reagents for detection of H7 viruses are available for public health laboratories
- >50 ill returning travelers from China have been tested
 - No unusual viruses identified

Questions?