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## AVIAN INFLUENZA A (H7N9)

Chinese health authorities announced the first new H7N9 avian flu case this week since the middle of August. The case is a 35-year-old man from Zhejiang province and was hospitalized on October 8. This case brings the global number of H7N9 infections to 136, which includes 45 deaths. Information regarding how the man may have been exposed to the virus has not been provided. Global health groups have said they expect sporadic infections to occur, and it is possible infections could spike again with cooler temperatures.

- CIDRAP: [Chinese man hospitalized with severe H7N9 flu](#)
- World Health Organization: [Human infection with avian influenza A\(H7N9\) virus - update](#) (October 16, 2013)
- [Taiwan looks to first vaccine against fatal H7N9 avian flu](#)
- [University of Rochester Medical Center enrolling subjects to test H7N9 pandemic bird flu vaccines](#)
- *PLoS One*: [A detailed epidemiological and clinical description of 6 human cases of avian-origin influenza A\(H7N9\) virus infection in Shanghai](#)
  - Analysis of six-patient cluster revealed two cases may have involved human-to-human spread

## INFLUENZA ACTIVITY THROUGHOUT THE U.S.

- CIDRAP: [Spotty data suggest slow start to US flu season](#)
- [Three flu cases reported in Iowa](#)
- [Flu cases confirmed in central Texas](#)

## 2013 MDCH FALL REGIONAL IMMUNIZATION CONFERENCES

Registration is still open for the 2013 Fall Regional Immunization Conferences! To register or for more information, visit the conference [website](#). The remaining open conferences are Oct. 29 (Kalamazoo), Nov. 1 (East Lansing), Nov. 19 (Bay City), and Nov. 22 (Troy).

## H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- [H5N1 outbreaks strike two Vietnamese provinces](#)
- [Replikins announced influenza H5N1 vaccine ready for testing](#)

## FLU WEBSITES

[www.michigan.gov/flu](http://www.michigan.gov/flu)  
[www.cdc.gov/flu](http://www.cdc.gov/flu)  
[www.flu.gov](http://www.flu.gov)  
<http://vaccine.healthmap.org/>

## INFLUENZA-RELATED NEWS ARTICLES

- CIDRAP: [Suspension of CDC flu tracking raises concern](#)
- CIDRAP: [Southern Hemisphere flu drops as Northern Hemisphere's season starts](#)
- [Respiratory virus season hits healthcare personnel hard](#)
- [Scientists identify molecules that block flu virus replication](#)
- World Health Organization: [Influenza at the human-animal interface - Summary and assessment as of October 7, 2013](#)
- [H7N2 avian flu kills 18,000 chickens in New South Wales](#)
- [Adjuvanted vaccine boosts flu protection for elderly](#)

## INFLUENZA-RELATED JOURNAL ARTICLES

- *PLoS Pathogens*: [New world bats harbor diverse influenza A viruses](#)
  - Researchers discover a novel influenza virus, H18N11, in several species of Peruvian bats
  - Future research should focus on bats as potential reservoirs of novel flu viruses and vessels for reassortment and species jumps
- *Risk Analysis*: [A comparative pharmacokinetic estimate of mercury in U.S. infants following yearly exposures to inactivated influenza vaccines containing thimerosal](#)
  - Scientists with the US Food and Drug Administration find the mercury to which some children are exposed from flu vaccines is far less than what they are exposed to from food
  - Results support continued safety of thimerosal at levels used in multidose inactivated flu vaccines
- *PLoS One*: [Avian influenza infection alters fecal odor in mallards](#)
  - Scientists examined how infection with avian influenza viruses alters fecal odors in ducks
  - Future work will assess whether odor changes can be used for surveillance of avian influenza viruses in waterfowl
- *Journal of Clinical Microbiology*: [Consistency of influenza A virus detection test results across respiratory specimen collection methods using real-time reverse transcription-PCR](#)

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