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AVIAN INFLUENZA A (H7N9)

Human infections with avian influenza A (H7N9) in China continue to be reported. Cases have been confirmed in 8 contiguous provinces in eastern China, 2 municipalities (Beijing and Shanghai), and Taiwan (1 case, exposed in China). The World Health Organization (WHO) is posting updates on the ongoing epidemiologic investigation [here](#). The Chinese Center for Disease Control and Prevention is now reporting case counts weekly. At least 3 family clusters have been reported, but there is no evidence of sustained human-to-human transmission. The source of infection remains under investigation. There is no recommendation against travel to China at this time.

Related Articles:

- Early Release [Morbidity and Mortality Weekly Report](#) summarizes recent findings and recommendations for preparing and responding to potential cases in the U.S.
- Canadian researchers suggest [past exposures](#) may help explain H7N9 age profile
- U.S. labs progress with H7N9 studies as [CDC urges readiness](#)
- NIH: [Clues in H7N9 genetic sequences](#)

The following resources about H7N9 are available:

- The U.S. Centers for Disease Control and Prevention (CDC) is posting updated information on the situation [here](#).
 - CDC is providing weekly updates. Key points from April 26 are attached.
 - [Selected H7N9 Publications and Resources](#)
- Situation updates are being posted by:
 - [WHO](#)
 - [Chinese Center for Disease Control and Prevention](#)
 - [European Centers for Disease Prevention and Control](#)
 - [Center for Infectious Disease Research & Policy](#)

H5N1 AVIAN INFLUENZA

News articles

- [WHO REPORTS SIX HUMAN H5N1 CASES IN PAST SIX WEEKS](#)
- [H5N1 OUTBREAKS IN BANGLADESH AFFECT 14,000 POULTRY](#)
- [WHO REPORTS H5N1 CASE IN VIETNAM](#)

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INFLUENZA-RELATED NEWS ARTICLES

- [New Treatment Clues for Fatal Combination of Flu and Legionella](#)
- [Researchers Find Potential Novel Treatment for Influenza](#)
- [Mexico Reports 11 New Avian H7N3 Outbreaks](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- A study was published that showed 13% of flu cases in children at a Spanish hospital from 2005 to 2012 had [influenza C](#), and most were co-infected with other respiratory viruses.
- A major national hospital network reported on their [Influenza Patient Safety Program](#) that achieved over 90% employee vaccination rate for 3 consecutive seasons.
- Researchers investigated whether patients can produce influenza-containing [aerosols](#) during routine patient care.
- Lab-made H5N1-H1N1 viruses spread in [guinea pigs](#), providing evidence that H5N1 viruses spread by air between mammals can be generated by reassortment.
- Antigenic characterization of H3N2 viruses from [Ohio agricultural fairs](#) shows antigenically similar in pigs and humans

MICHIGAN IMMUNIZATION TIMELY TIPS

A special edition of the Michigan Immunization Timely Tips newsletter has been published. The April 2013 issue and previous issues can be found [here](#).

MDCH RECOMMENDATION FOR INFLUENZA IMMUNIZATION

For optimal protection throughout the flu season, the Michigan Department of Community Health recommends that providers begin to offer influenza vaccination as soon as vaccine becomes available (typically in August) and continue to vaccinate until the vaccine expires (typically June 30).

These recommendations align with the Centers for Disease Control and Prevention (CDC). For additional information, refer to:

CDC Influenza Vaccination: A Summary for Clinicians:
<http://www.cdc.gov/flu/professionals/vaccination/vax-summary.htm>
Immunization Action Coalition; Ask the Experts:
https://www.immunize.org/askexperts/experts_inf.asp

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>