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## MDCH PRESS RELEASE - SEVERE FLU ACTIVITY

On January 8, MDCH issued a [press release](#) regarding the rise in flu activity nationwide and in all regions of Michigan. There has been an increase in patients of all ages being admitted to hospitals for serious flu disease. To date, a larger proportion of hospitalizations are in young and middle-age adults. MDCH encourages all Michigan residents age 6 months and up to get vaccinated against flu!

## INFLUENZA ACTIVITY

Nationwide, influenza activity continues to increase, with 35 states reporting 'widespread' activity and 12 states reporting 'regional.' Michigan is currently experiencing regional influenza activity.

### Michigan News

- Detroit Free Press: [Health officials warn college students to be wary of H1N1 flu strain](#)
- MLive: [St. Mary's of Michigan, Covenant Healthcare restricting visitors to prevent spread of flu](#)
- MLive: [Saginaw hospitals see flu cases pick up](#)
- The Mining Journal: [Flu hits hard](#)

### National News

- [Influenza hospitalizations increasing in Wisconsin](#)
- [Two influenza deaths reported in Alaska](#)
- [Maine CDC reports widespread influenza](#)
- [Influenza activity: number of cases growing in Iowa](#)
- [13 flu-related deaths reported in NC, 9 in TX](#)
- [Colorado experiencing alarming prevalence of influenza infections](#)

## INFLUENZA-RELATED JOURNAL ARTICLES

- *Canadian Medical Association Journal*: [Rates and determinants of seasonal influenza vaccination in pregnancy and association with neonatal outcomes](#)
  - Researchers found vaccinated pregnant women had a lower risk of preterm or low-birth-weight infants
- [Risk of fever after pediatric trivalent inactivated influenza vaccine and PCV13 vaccine](#)
  - Simultaneous TIV and PCV13 administration associated with higher transient fever risk than either vaccine given alone
- [Guillain-Barré syndrome and adjuvanted 2009 pandemic H1N1 vaccines: a multinational self-controlled case series in Europe](#)
  - Study found no rise in GBS with H1N1 vaccine

## HUMAN CASE OF AVIAN INFLUENZA A (H5N1) IN CANADA

This week, Canada reported the first case of human infection with avian influenza A (H5N1) virus ever detected in the Americas. The fatal case had recent travel to China. CDC states the health risk to people in the Americas is very low. This is the first H5N1 infection ever imported by a traveler into a country where H5N1 is not present in poultry.

- CDC: [First human H5N1 infection reported in Americas](#)
- [Exposure source in Canadian H5N1 case a mystery](#)

## AVIAN INFLUENZA A (H7N9) NEWS AND ARTICLES

Seven new H7N9 cases from China and one case from Hong Kong were reported in the past week, as well as one additional death. The global case count is 157 with 49 deaths. Also, environmental samples from a market in Guangdong province tested positive for H7N9; two samples were from a goose cage and one was a sewage water sample. There is no evidence of sustained human-to-human transmission at this time.

- WHO: [H7N9 update](#) (January 9, 2014)
- CIDRAP: [Four more H7N9 cases reported in China; China and Hong Kong report more H7N9 cases; China reports new H7N9 case; study details virus in markets](#)
- [Human antibody responses to avian influenza A \(H7N9\) virus, 2013](#)
  - Researchers examined blood of H7N9 patients, found weak antibody response
- [Early responses to H7N9 in southern Mainland China](#)
  - Phone survey 2 weeks after first H7N9 case found moderately high anxiety level
- [Preexisting CD8+ T-cell immunity to H7N9 virus varies across ethnicities](#)

## INFLUENZA-RELATED NEWS ARTICLES

- [FDA expects temporary shortage of liquid oseltamivir](#)
- [Japanese report H1N1 cluster resistant to oseltamivir, peramivir](#)

## 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/>

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