



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

## CDC'S HEALTH BEHAVIOR SURVEILLANCE REPORT

On May 31, CDC published a surveillance summary titled [Surveillance for Certain Health Behaviors Among States and Selected Local Areas--United States, 2010](#). Included in this report are behaviors related to influenza and pneumococcal vaccination.

Of note, the estimated prevalence of Michigan adults aged  $\geq 65$  years who received an influenza vaccination during the preceding 12 months was 67.5%. Specifically for the Detroit-Livonia-Dearborn metro area, estimated prevalence was 63.8%; for Grand Rapids-Wyoming it was 71.8%; for Warren-Troy-Farmington Hills it was 67.1%. Estimates were also available for Kent, Macomb, Oakland, and Wayne counties.

## INFLUENZA-RELATED JOURNAL ARTICLES

- An article in *British Medical Journal* examined the effectiveness of [double dose](#) oseltamivir for severe influenza. Results did not support routine use of a double dose to treat severe flu.
- Researchers conducted a randomized controlled trial to analyze cost-effectiveness of [elementary school-located](#) influenza vaccination; they found it to be a promising system to raise childhood influenza vaccination rates in a cost-efficient manner.
- A study was done to assess direct/indirect costs associated with flu seasons with matched or mismatched circulating and vaccine-containing [influenza B lineages](#).
- Researchers demonstrate that adeno-associated viruses encoding two broadly neutralizing antibodies are protective against [diverse influenza strains](#) in mice, including immunodeficient and older mice.

## H5N1 AVIAN INFLUENZA

News articles

- [STUDY TALLIES OBSTACLES TO TREATING H5N1 PATIENTS IN CAMBODIA](#)

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## 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

- [Computer prompt boosts flu vaccine rates](#)
- [Dutch authorities to cull poultry after avian influenza outbreak](#)
- CIDRAP: [Officials report Danish, Dutch H7 avian flu outbreaks](#)
- [Wisconsin county fairs take precautions to prevent swine flu](#)
- [\\$18 million to study deadly secrets of flu, other viruses](#)

## AVIAN INFLUENZA A (H7N9)

In the past week, the World Health Organization (WHO) did not report any additional human infections with avian influenza A (H7N9) in China but did report one additional death. To date, approximately 28% of cases have died. The Chinese Center for Disease Control and Prevention is providing weekly case count updates. Local emergency responses in China have all ended. There is still no sustained human-to-human transmission at this time, and there is currently no recommendation against travel to China.

Related Articles:

- *Annals of Internal Medicine*: [Deaths Associated with Avian Influenza A\(H7N9\) Virus in China](#)
- CIDRAP: [China ends local emergency responses to H7N9](#)
- WHO: [Overview of the emergence and characteristics of the avian influenza A\(H7N9\) virus](#) (May 31, 2013)
- [Chicken, quail catch and shed high volumes of H7N9 flu, study shows](#)
- [Medicago announces first results of preclinical tests of its candidate H7N9 vaccine](#)
  - These findings appear to be the first preclinical results for an H7N9 vaccine
  - The plant-based virus-like particle vaccine, with and without an adjuvant, induced high antibody titers in mice after a single 3- $\mu$ g dose

The following resources about H7N9 are available:

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