



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

VACCINE RECOMMENDATION FOR EGG-ALLERGIC PERSONS

On June 20, the Advisory Committee on Immunization Practices (ACIP) voted in favor of recommending FluBlok during the 2013-14 flu season for persons 18-49 years with egg allergy of any severity. FluBlok is the only vaccine that is completely egg-free. The CDC media advisory can be found [here](#).

2012 MICHIGAN BEHAVIORAL RISK FACTOR SURVEY

Data from the 2012 MI Behavioral Risk Factor Survey (MiBRFS) have been [released](#). Results include the percent of adults aged 65 years and older who received flu vaccine in the past year or ever received pneumococcal vaccine. In 2012, 55.4% of adults 65 and older received a flu shot, down from 58.0% in 2011.

MICHIGAN IMMUNIZATION TIMELY TIPS NEWSLETTER

The May/June issue of the Michigan Immunization Timely Tips (MITT) newsletter has been posted [here](#). This edition contains articles on new vaccine technology for the 2013-2014 influenza season, adolescent immunizations, and helping parents overcome vaccine hesitancy.

AVIAN INFLUENZA A (H7N9)

No new human infections with avian influenza A (H7N9) have been reported since the end of May, but one additional death has been reported. To date, nearly 30% of cases have died. At this time, sustained human-to-human transmission has not been demonstrated.

Related Articles:

- *The Lancet*: [Human infection with H7N9: an assessment of clinical severity](#)
- *The Lancet*: [Comparative epidemiology of human infections with H7N9 and H5N1 in China](#)
 - Median age for H7N9 was 62 years; H5N1 is 26.
 - Fatality rate on hospital admission for H7N9 is 36%, versus 70% for H5N1.
- CIDRAP: [H7N9 surveillance cases trended younger, milder](#)
- *Eurosurveillance*: [Case-control study of risk factors for human infection with H7N9 virus in Jiangsu province, China, 2013](#)

The following updated on H7N9 are available:

- [U.S. Centers for Disease Control and Prevention](#) (CDC)
 - [Selected H7N9 Publications and Resources](#)
- [World Health Organization](#) (WHO)
- [Chinese Center for Disease Control & Prevention](#)
- [Center for Infectious Disease Research & Policy](#)

FIRST VARIANT INFLUENZA A H3N2 CASES IN 2013

Indiana state health officials have reported four cases of human infection with H3N2 variant virus (H3N2v). These are the first H3N2v cases reported for 2013. All four visited a county agricultural fair in June before they got sick, and at least two had contact with pigs.

- ISDH press release: [Health officials encourage Hoosiers to protect themselves from swine flu](#)
- CIDRAP: [Indiana reports four fair-linked H3N2v cases](#)
- CDC: [Influenza A \(H3N2\) variant virus](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- A study team, including researchers at the University of Michigan, used a computerized model of pneumonia transmission and found a 100-fold increase in risk of [pneumococcal pneumonia](#) during the week after flu infection.
- A [meta-analysis](#) of 34 randomized clinical trials suggests that seasonal flu vaccines provide significant protection against flu even if the circulating strains don't match those in the vaccine.
- Authors present a framework for near real-time [forecast](#) of influenza epidemics using a simulation optimization approach.

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- *Virology Journal*: [Surveillance on A/H5N1 virus in domestic poultry and wild birds in Egypt](#)
 - Study found H5N1 prevalence may be more than 10% in Egyptian backyard and live-market poultry
- [Indonesian child dies from H5N1 infection](#)

INFLUENZA-RELATED NEWS ARTICLES

- CIDRAP: [TAIWAN REPORTS FIRST HUMAN H6N1 INFECTION](#)
- [Vaxart creates effective oral H7N9 influenza vaccine](#)
- [Researchers improve efficacy of H9N2 vaccine in ducks](#)
- [U.S. supports avian influenza project in Vietnam](#)

FLU WEBSITES

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<http://vaccine.healthmap.org/>

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