



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

H3N2 VARIANT VIRUS (H3N2v) - MICHIGAN CASES

Michigan has identified a total of 2 human cases of H3N2v in Berrien County children who were swine exhibitors at the Berrien County Youth Fair. This is in addition to the 16 human H3N2v cases that have been reported in association with swine exposure in Indiana, Ohio, and Illinois in 2013.

MDCH would like to remind healthcare providers to assess patients with influenza-like illness (ILI) for recent exposure to swine or agricultural events such as county/state fairs. If you suspect H3N2v cases, MDCH can assist with respiratory virus testing. Be vigilant for ILI clusters, and notify your local health department if you notice anything unusual.

- Centers for Disease Control and Prevention (CDC) Case Count (updated 9/6/13):
<http://www.cdc.gov/flu/swineflu/h3n2v-case-count.htm>
- MDCH has guidance for healthcare and public health providers on www.michigan.gov/flu

CLINICIAN OUTREACH & COMMUNICATION ACTIVITY CALL

There is an upcoming Clinician Outreach and Communication Activity (COCA) call/webinar on September 24 from 2:00-3:00. The webinar is titled, "Protecting Children at Highest Risk for Influenza Complications." For more information on how to join the call, visit [here](#).

INFLUENZA-RELATED NEWS ARTICLES

- CIDRAP: [Think tank sees big risks in flu gain-of-function research](#)
- [Los Angeles county's first influenza cases of the season confirmed](#)
- [NIH clinical study establishes human model of influenza pathogenesis](#)
- FDA: [New method could speed potency testing of influenza vaccines](#)
- [Visterra presents efficacy data on influenza A investigational agent](#)
- [A new approach to early diagnosis of influenza](#)
- [Influenza virus in wild birds in Norway](#)

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- CIDRAP: [Nepal's bird flu outbreaks may rattle entire economy](#)

FLU WEBSITES

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

SEASONAL INFLUENZA VACCINE DOSES DISTRIBUTED

CDC is providing weekly [updates](#) on the total number of seasonal influenza vaccine doses distributed. Currently, manufacturers project 135-139 million doses of flu vaccine to be produced this season. As of August 30, approximately 51.4 million doses were already distributed throughout the U.S.

OFFICE OF PUBLIC HEALTH PREPAREDNESS NEWSLETTER

Michigan's Office of Public Health Preparedness has posted the September 6th issue of their newsletter, The Guardian of Public Health, [here](#). This issue contains information on the Middle East respiratory syndrome coronavirus (MERS-CoV) outbreak and upcoming preparedness trainings.

AVIAN INFLUENZA A (H7N9) JOURNAL ARTICLES

- The American Journal of Pathology*: [Novel avian influenza A virus has potential for both virulence and transmissibility in humans](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- Morbidity and Mortality Weekly Report*: [Influenza vaccination practices of physicians and caregivers of children with neurologic and neurodevelopmental conditions - U.S., 2011-12 influenza season](#)
- [2009 H1N1 vaccination in Minnesota - An evaluation by zip code](#)
 - Researchers found Minnesotans living in zip codes with lower median incomes were much less likely to receive the 2009 pandemic H1N1 vaccine than those in high-income areas
- Clinical and Vaccine Immunology*: [Long-term protective immunity from an influenza virus-like particle vaccine administered with a microneedle patch](#)
 - This study indicated that skin vaccination with a virus-like particle vaccine using a microneedle patch provided long-term protection against influenza in mice
- [Patterns of spread of influenza A in Canada](#)
 - Authors found weather patterns play a significant role in seasonal influenza A epidemics
 - Early emergence was correlated with low temperature and low absolute humidity in the autumn

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