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MDCH RECOMMENDATION FOR INFLUENZA VACCINATION

Flu activity is declining, but it is important to remember there are still flu viruses circulating in the community and we should still be vaccinating people against flu. MDCH recommends that providers continue to vaccinate until the flu vaccine expires (typically June 30). These recommendations align with the Centers for Disease Control and Prevention. For more information, go to www.michigan.gov/flu and click on [Current Flu Season Vaccination Materials for Health Care Professionals](#).

SEASONAL INFLUENZA ACTIVITY

Last week, influenza activity continued to decrease in most regions of the United States. Michigan's flu activity level for last week was 'sporadic.'

National News

- CDC's [FluView](#) (week ending April 12, 2014)
 - 86 flu-associated pediatric deaths have been reported for the 2013-14 season
- [Health department again declares flu widespread in Rhode Island](#)
- [Flu cases on the rise this month in New York, hospitalizing hundreds](#)

AVIAN INFLUENZA A (H7N9) NEWS AND ARTICLES

The number of new H7N9 cases has slowed down dramatically over the past few weeks. The global outbreak total has now reached [424 cases](#) with 127 deaths since February 2013.

- *Journal of Virology*: [Development of a high yield live attenuated H7N9 influenza vaccine that provides protection against homologous and heterologous H7 wild-type viruses in ferrets](#)
- [China CDC to close H7N9 control center, as flu season ends](#)

OTHER INFLUENZA-RELATED NEWS

- [Nasal spray holds hope in fighting flu epidemic](#)
- [Japan culls 112,000 chickens after H5 outbreaks](#)
- [Bird flu strain identified as H5N8, new to Japan](#)
- [Tracking flu levels with Wikipedia](#)



NATIONAL INFANT IMMUNIZATION WEEK - 4/26 - 5/3

This year, [National Infant Immunization Week](#) (NIIW) is April 26 through May 3. NIIW is an annual observance to highlight the importance of protecting infants from vaccine-preventable diseases. 2014 marks the 20th anniversary of NIIW! Visit the [CDC website](#) for promotional materials, resources to plan NIIW in your community, and much more!

OFFICE OF PUBLIC HEALTH PREPAREDNESS NEWSLETTER

The latest issue of *The Guardian of Public Health* has been [posted](#). This issue contains articles about vaccine-preventable diseases and upcoming preparedness trainings.

INFLUENZA-RELATED JOURNAL ARTICLES

- [Influenza-like illness, the time to seek healthcare, and influenza antiviral receipt during the 2010-11 influenza season - U.S.](#)
 - Only 45% of adults and 57% of children who had ILI reported seeking healthcare
 - Adults with ILI sought healthcare more if aged 65 years and older or with chronic medical conditions; lowest level of healthcare seeking among those with no insurance
 - Most kids with ILI who sought healthcare 0-4 years
 - 34% of those diagnosed with flu got antivirals
- [Global analyses of human immune variation reveal baseline predictors of postvaccination responses](#)
 - Scientists describe approach to predicting human immune responses to flu vaccine based on state of their immune system before immunization

AVIAN INFLUENZA A (H5N1) ARTICLES

- [H5N1 kills 46,000 chickens in North Korea's capital](#)
- *Cell*: [Identification, characterization, and natural selection of mutations driving airborne transmission of A/H5N1 virus](#)
- [Study notes H5N1 tweaks that boost airborne spread](#)

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FLU WEBSITES

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