



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

MICHIGAN INFLUENZA ACTIVITY

The estimated influenza activity level in Michigan was upgraded from 'regional' activity to the highest level of 'widespread' activity, reflecting continued increases statewide in laboratory-confirmed individual influenza cases and emergency department visits due to constitutional and respiratory complaints. In addition, there have been long term care outbreaks and a third influenza-associated pediatric death.

- [Michigan flu cases continue to climb](#)
- [Jump in flu cases may be straining Tamiflu supply in Grand Rapids](#)
- Kent County: [Flu activity rises in Michigan](#)
- [Flu season begins early - for all ages](#)

INFLUENZA ACTIVITY NEWS ARTICLES

- [U.S. Battles Earliest Flu Season in Decade](#)
- [Flu leads to death of Texas teen at St. Paul hospital](#)
- [Flu markers keep climbing in US and Europe](#)
- Wisconsin: [Flu cases and hospitalizations are on the rise](#)

INFLUENZA RELATED JOURNAL ARTICLES

Influenza Vaccine in Pregnancy

The CDC [added new information](#) about the safety of flu vaccination during pregnancy, based on new findings in [Obstetrics and Gynecology](#). The study explored the risk of spontaneous first-trimester abortion in pregnant women who did and didn't receive the trivalent inactivated influenza vaccine using data from the Vaccine Safety Datalink, one of two main federal databases. The study found no statistically significant increase in the risk of pregnancy loss during the 4 weeks after women received the flu vaccine.

Effect of Humidity on Influenza

A new study [in PLOS one examines](#) the relationship between humidity and influenza A viruses. The researchers concluded that flu is more common in winter months because the virus's viability in mucus increases when the relative humidity is below 50 percent. They also found that the virus thrives when the humidity is close to 100 percent,

- [Research Reveals Why Flu Peaks in Certain Seasons](#)
- [Research from Virginia Tech provides influenza insight](#)

Flu Vaccine for HIV Patients

According to a [recent study](#) in the *Annals of Internal Medicine*, patients with HIV received greater seroprotection against the flu when they received high dose flu vaccine compared with standard doses

Text Message Reminders for Flu Vaccination

During the 2010-11 influenza season [researchers found](#) that text messages to parents can increase influenza vaccination rates for low-income, minority children.

VACCINATED INDIVIDUALS STILL GETTING THE FLU?

This week the [CDC posted](#) a Q&A on reports of people who have gotten a flu vaccine and then tested positive for influenza.

ADDITIONAL INFLUENZA RELATED NEWS ARTICLES

- [CIDRAP: Global flu hotspots, high-dose flu vaccine](#)
- [Flu kills two Colorado kids; health department advises vaccination](#)
- [Flu outbreak crowding Canadian emergency rooms](#)

PANDEMIC AND AVIAN INFLUENZA

- [Research Moratoriums And Recipes For Superbugs: Bird Flu In 2012](#)
- [Emergent BioSolutions Secures Exclusive U.S. Commercial Rights to Next Generation Pandemic Influenza Vaccine Candidate](#)
- [Influenza A \(H15N4\) Virus Isolation in Western Siberia, Russia](#)

FLU RESOURCES

ACOG OFFERS TOOLKITS FOR INFLUENZA AND TDAP IMMUNIZATION

The American College of Obstetricians and Gynecologists (ACOG) recently added two [immunization toolkits](#)—one on influenza and one on Tdap—to its Immunization for Women website. The toolkits feature materials developed by ACOG and other organizations such as CDC and the Immunization Action Coalition.

FLU VACCINES REQUIRED TO BE ENTERED INTO MCIR

As a reminder, providers are required to report flu immunizations administered to every child less than 20 years old within 72 hours of administration into the [Michigan Care Improvement Registry \(MCIR\)](#). Please ensure you are entering your doses for adults as well!

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes can be found [here](#). To access archived editions of M FluFocus click [here](#).

Don't Let the Flu Change Your Plans.



Resolve Not to Get the Flu.
Get Vaccinated.

