



MI Flu Focus

Influenza Surveillance Updates Bureaus of Epidemiology and Laboratories

Michigan Department
of Community Health



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MI's Current Influenza Activity Level:
Sporadic

Updates of Interest:
As of November 7, 90 of 139 individuals in MI tested for EV-D68 by CDC were positive (64.7%); 3 of 90 had neurologic illness of undetermined origin.

Influenza Surveillance Report for the Week Ending November 1, 2014

Michigan Disease Surveillance System

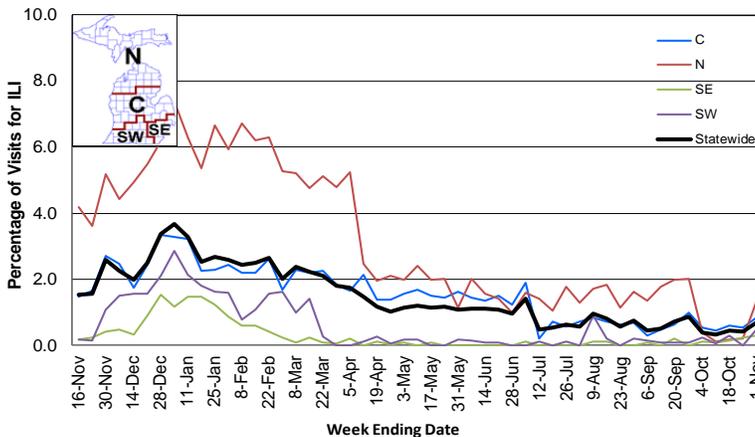
MDSS influenza data indicated that compared to levels from the previous week, aggregate reports decreased while individual reports remained the same and are still at sporadic levels. Aggregate reports are lower than and individual reports are similar to levels seen during the same time period last year.

Emergency Department Surveillance

Compared to levels from the week prior, emergency department visits from constitutional complaints remained the same while visits from respiratory complaints increased slightly. Levels of constitutional complaints and respiratory complaints were higher when compared to the same time period last year.

- 4 constitutional alerts (1SW, 3C)
- 3 respiratory alerts (2SW, 1C)

Percentage of Visits for Influenza-like Illness (ILI) Reported by Sentinel Providers, Statewide and Regions 2014-15 Flu Season



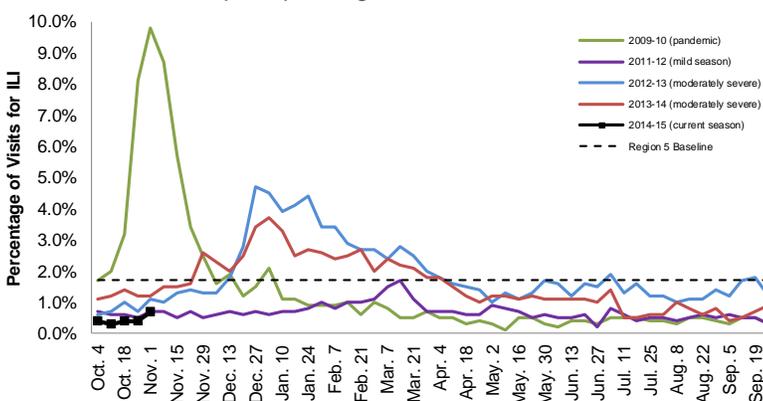
Sentinel Provider Surveillance

The proportion of visits due to influenza-like illness (ILI) increased to 0.7% overall; this is below the regional baseline (1.7%). A total of 73 patient visits due to ILI were reported out of 10,499 office visits. Please note: These rates may change as additional reports are received.

Number of Reports by Region (31 total):

- C (17)
- N (3)
- SE (9)
- SW (2)

Percentage of Visits for Influenza-like Illness (ILI) Reported by the US Outpatient Influenza-like Illness Surveillance Network (ILINet): Michigan, Select Seasons



Become a Sentinel Provider!

As part of pandemic influenza surveillance, CDC and MDCH highly encourage year-round participation from all sentinel providers. New practices are encouraged to join the sentinel surveillance program today! Contact Stefanie DeVita at devitas1@michigan.gov for more information.

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INFLUENZA ACTIVITY THROUGHOUT THE U.S.

- [Texas health officials see dramatic spike in flu cases](#)
- [Health officials confirm influenza in Oklahoma](#)
- [Flu vaccinations begin at Hawaii schools](#)

UPCOMING VOICES FOR VACCINES CALL

Voices for Vaccines is hosting a call on November 17 at noon with Dr. Litjen Tan, Immunization Action Coalition's chief strategy officer. To register for the call, email info@voicesforvaccines.org.

UPCOMING NFID WEBINAR – FLU & DAYCARE

The National Foundation for Infectious Diseases (NFID) will be offering a webinar on November 18 at 11:00 AM – “Flu Care in Day Care.” The webinar will feature presentations from states with mandatory influenza vaccination day care mandates in place. To register for this webinar, you can do so on [NFID's website](#).

INFLUENZA-RELATED JOURNAL ARTICLES

- [Highly pathogenic avian influenza H5N8 in turkeys in Germany](#)
- [Co-circulation of two distinct genetic and antigenic lineages of proposed influenza D virus in cattle](#)
 - Viruses with ~50% homology to human influenza C virus recently isolated from swine and cattle
- [Characterization of uncultivable bat influenza virus using a replicative synthetic virus](#)
 - Bat influenza viruses pose little, if any, pandemic threat to humans
- [Automated flu vaccination tracking increases immunization rates](#)
- [Adaptive nowcasting of influenza outbreaks using Google searches](#)

FLU WEBSITES

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

NATIONAL INFLUENZA VACCINATION WEEK

This year, National Influenza Vaccination Week (NIVW) will be held December 7-13. NIVW highlights the importance of continuing influenza vaccination throughout the entire flu season. Resources will be posted on CDC's [NIVW webpage](#). There is also a submission form for you to [share your NIVW plans](#) with CDC and colleagues.

AVIAN INFLUENZA A(H7N9)

- [China: new H7N9 avian influenza case reported in Jiangsu](#)

OTHER INFLUENZA-RELATED NEWS

- [CDC Seasonal Flu Doses Distributed](#): ~132.2 million doses in U.S. as of October 31, 2014
- [Influenza 'put more people in hospital than last year' in Southern Hemisphere](#)
- [FDA approves new prescribing information for Fluzone High-Dose flu vaccine](#)
- [Santa gets his flu shot](#)
- [College students don't get flu shots and that's a real problem](#)
- [Wild bird survey is underway: Canada is tracking influenza viruses circulating in its wild bird population](#)

CLINICIANS LOOKING FOR FLU VACCINE

Are you a healthcare provider looking to purchase more influenza vaccine? There is a resource available to help you! The [Influenza Vaccine Availability Tracking System](#) (IVATS) can help clinicians find influenza vaccine. IVATS has information from approved, enrolled, and participating wholesale vaccine distributors and manufacturers of U.S. licensed flu vaccine. Updates to IVATS are made throughout the flu season, so make sure to check back!

MDCH FALL IMMUNIZATION CONFERENCES

The MDCH fall immunization conference in Kalamazoo on November 19 still has space available. Make sure you register [now!](#)

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes are available [here](#) and MI FluFocus archives are [here](#).

For questions or to be added to the distribution list, please contact Stefanie DeVita at devitas1@michigan.gov.

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