



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 October 23, 86 of 129 individuals in MI tested for EV-D68 by CDC were positive (66.7%); 3 of the confirmed cases had neurologic symptoms.

Influenza Surveillance Report for the Week Ending October 18, 2014

Michigan Disease Surveillance System

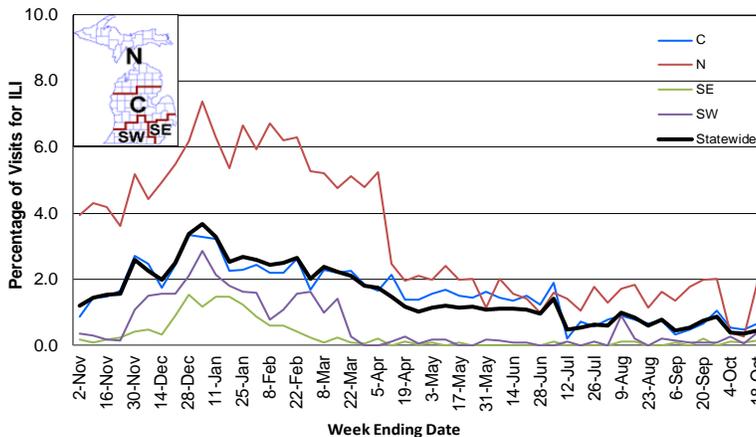
MDSS influenza data indicated that compared to levels from the previous week, aggregate reports increased slightly while individual reports remained the same and are still at sporadic levels. Aggregate reports are lower than and individual reports are similar to levels seen during the same time period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

Emergency Department Surveillance

Compared to levels from the week prior, emergency department visits from constitutional complaints were slightly higher, while emergency department visits due to respiratory complaints were similar. Constitutional complaints were higher and respiratory complaints were similar to levels reported during the same time period last year.

- 11 constitutional alerts (1SE, 3SW, 7C)
- 9 respiratory alerts (3SW, 5C, 1N)

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



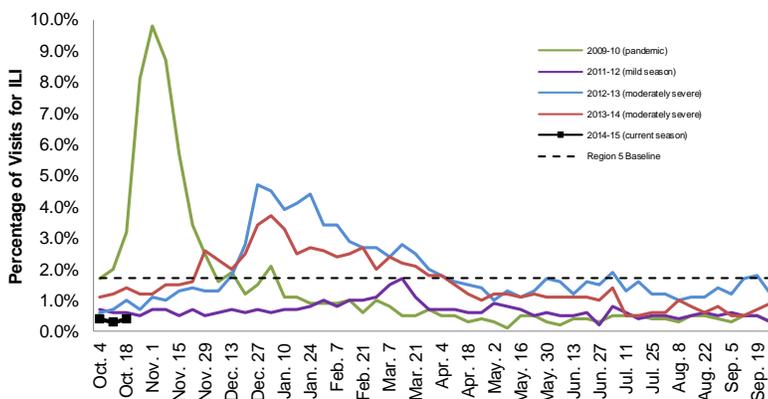
Sentinel Provider Surveillance

The proportion of visits due to influenza-like illness (ILI) increased to 0.4% overall; this is below the regional baseline (1.7%). A total of 36 patient visits due to ILI were reported out of 8,140 office visits. Please note: These rates may change as additional reports are received.

Number of Reports by Region (23 total):

- C (10)
- N (2)
- 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.

- [Twenty people hospitalized for flu in Wisconsin, 1st H3N2v case reported](#)
- [Flu season descends on Guam](#)
- [First cases of influenza reported in Oklahoma](#)
- [Influenza cases confirmed in eastern Nebraska](#)
- CIDRAP: [CDC reports H3N2v case, 1st pediatric flu death of season](#)

MMWR: NAVY SHIP FLU OUTBREAK, 2014

An influenza outbreak aboard the USS Ardent in February 2014 was detailed in last week's [MMWR](#). The ship was moored in San Diego, and in 3 days, 25 of 102 crew members sought medical care for influenza-like illness. Of the cases, 20 were determined to have influenza A (18 of which were subtyped as H3N2). This was an interesting outbreak, as 99% of the crew members had received influenza vaccination, including 24 of the 25 ill persons.

INFLUENZA-RELATED JOURNAL ARTICLES

- [Antibodies against H10N8 avian influenza virus among animal workers in Guangdong province before November 30, 2013, the first recognized human H10N8 case](#)
 - Some animal workers in southern China may have had asymptomatic or subclinical infections with H10N8 before the first human case was recognized
 - Surveillance should continue in this population and in healthcare workers

JOIN VOICES FOR VACCINES NOV. CALL

Voices for Vaccines is hosting a call on November 17 at noon with Dr. Litjen Tan, Immunization Action Coalition's chief strategy officer, answering questions about influenza. Dr. Tan is also co-chair of the [National Adult and Influenza Immunization Summit](#). To register for the call, email info@voicesforvaccines.org.

FLU WEBSITES

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

MDCH FALL REGIONAL IMMUNIZATION CONFERENCES

Register [now](#) for the MDCH fall immunization conferences! The Grand Rapids and East Lansing conferences are full. The following conference still has spots open:

- Nov. 19: Kalamazoo

AVIAN INFLUENZA A(H7N9)

- *Virology*: [Serologic screenings for H7N9 from three sources among high-risk groups in the early stage of H7N9 circulation in Guangdong Province, China](#)
 - Risk to humans of new H7N9 infections was low in early stages of virus circulation

OTHER INFLUENZA-RELATED NEWS

- CIDRAP: [CSL-Novartis deal includes U.S. cell-based flu vaccine plant](#)
 - [Novartis announces divestiture of influenza vaccines business to CSL for \\$275 million](#)
- [Five strains of H5 avian flu reported across China](#)
 - Two strains, H5N8 and H5N3, have not been reported by China before
- [CDC Seasonal Flu Doses Distributed](#): ~117.8 million doses distributed in U.S. (week of October 17, 2014)
- Michigan Radio: [Here's why so few people get flu shots](#)
- [Uber turns from taxis to nurses with home delivery of flu shots](#)
- CDC: [What you should know for the 2014-2015 influenza season](#) (UPDATED 10/28/14)

CDC 'YOU CALL THE SHOTS' FLU MODULE

CDC recently updated the influenza vaccine module in the web-based training course 'You Call the Shots.' Continuing education credit is available for watching the module and completing the evaluation. You can view the module [here](#).

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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