



2014-15 NAT'L FLU COVERAGE ESTIMATES

Last week, CDC released national influenza vaccination coverage estimates for the 2014-15 season that are compiled using National Immunization Survey (NIS) and Behavioral Risk Factor Surveillance System (BRFSS) data. The 2014-15 coverage data can be found [here](#). These data include flu coverage for the [general population](#) (nationally and by state), coverage of [healthcare personnel](#), and coverage for [pregnant women](#). Please also see last week's [MMWR report](#).

INFLUENZA ACTIVITY – US AND WORLDWIDE, MAY 24-SEPTEMBER 25, 2015

Last week, CDC released an update on influenza activity in the US and worldwide. The US experienced typical low levels of seasonal influenza activity. Three cases of novel influenza A viruses were reported – one infection of H1N1v in Iowa, one infection of H3N2v in Minnesota, and one infection of H3N2v in Michigan. Temperate climate Southern Hemisphere countries experienced typical seasonal patterns of influenza activity, while tropical countries experienced low influenza activity. A total of 199 viruses were antigenically or genetically characterized and 169 specimens were tested for antiviral resistance. For results of that testing and additional information, please see the [MMWR report](#). Weekly surveillance reports for the US are posted [here](#).

AVIAN INFLUENZA NEWS IN NORTH AMERICA

- [USDA issues plan for likely fall return of avian flu](#)
- The Fall 2015 HPAI Preparedness and Response Plan can be found [here](#)
- [USDA grants approval of Iowa-made H5N2 vaccine for poultry](#)
- [Avian flu remains threat, county told](#)
- Any reports of sick or dead birds should be forwarded immediately to the proper agency:
 - For domestic poultry, contact MDARD:
 - M-F 8AM-5PM, 1-800-292-3939
 - After hours/weekends, 517-373-0440
 - For wildlife (die-off of waterfowl, gulls, or shorebirds), contact DNR:
 - M-F 8AM-5PM, 517-336-5030
 - After hours/weekends, 1-800-292-7800

AVIAN INFLUENZA A(H5N1) NEWS

- [Nigeria reports 19 H5N1 outbreaks as Ghana finds virus in wild birds](#)

MDHHS FALL IMMUNIZATION CONFERENCES

Registration is open for the MDHHS Fall Regional Immunization Conferences! You can register [here](#). These conferences are geared towards immunization providers and anyone interested in learning more about current immunization practice in Michigan. The conference schedule is:

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|-----------------------|---------------------|
| -Oct. 13: Marquette | -Nov. 6: Flint |
| -Oct. 15: Gaylord | -Nov. 17: Kalamazoo |
| -Nov. 3: Lansing | -Nov. 19: Dearborn |
| -Nov. 5: Grand Rapids | -Nov. 20: Troy |

CDC'S FLU PREVENTION PARTNERS

CDC is encouraging immunization providers to become Flu Prevention Partners and work with CDC to promote flu vaccination. CDC's [Resources for Flu Prevention Partners](#) website features partner success stories, photos, tools for promotion efforts, free resources, and information about becoming a partner.

INFLUENZA-RELATED JOURNAL ARTICLES

- [No major host genetic risk factor contributed to A\(H1N1\)2009 influenza severity](#)
 - Researchers found no significant genetic factor to explain why pH1N1 affected some people more severely than others
- [Human infection and environmental contamination with Avian Influenza A \(H7N9\) Virus in Zhejiang Province, China: risk trend across the three waves of infection](#)
 - Study highlights that the severity of poultry-related environmental contamination by H7N9 virus is intensifying
- [Highly pathogenic H5N1 and novel H7N9 Influenza A viruses induce more profound proteomic host responses than seasonal and pandemic H1N1 strains](#)

OTHER INFLUENZA-RELATED NEWS

- [WHO notes H9N2 case in Bangladesh from earlier this year](#)
- [S. Korea confirms 2 avian flu cases](#)
- [H5N8 returns to South Korea as Nigeria reports 7 H5N1 outbreaks](#)

FLU WEBSITES

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

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.