



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

CDC INFLUENZA MEDIA BRIEFING

CDC held a media briefing yesterday to discuss current flu activity, early-season flu vaccination coverage estimates, and a new report estimating number of illnesses and hospitalizations prevented by flu vaccination last season. A transcript of the call will be [posted](#).

- [2013-14 Early Season Flu Vaccination Coverage](#)
- *MMWR*: [Estimated influenza illnesses and hospitalizations averted by influenza vaccination - U.S., 2012-13 influenza season](#)
- CDC Press Release: [New report highlights benefits of flu vaccine](#) (Dec. 12)

AVIAN INFLUENZA A (H7N9) NEWS AND ARTICLES

Two new human infections with avian influenza A(H7N9) were confirmed in the past week. One is the sixth case reported from China this autumn and is the son-in-law of a recent case. The other is the second case reported from Hong Kong and, similar to the first, had travel to China. There is no epidemiological link between the two Hong Kong cases. There is no evidence of sustained human-to-human transmission at this time.

- World Health Organization: [H7N9 update](#) (Dec. 10)
- CIDRAP: [H7N9 found in samples from Shenzhen live-bird markets](#)
- [H7N9 gains neuraminidase inhibitor resistance without loss of in vivo virulence or transmissibility](#)
- CIDRAP: [Hong Kong and China report new H7N9 cases](#)
- *Science*: [Preferential recognition of avian-like receptors in human influenza A H7N9 viruses](#)
- *Eurosurveillance*: [Kinetics of serological responses in influenza A\(H7N9\)-infected patients correlate with clinical outcome in China, 2013](#)

2013 NATIONAL INFLUENZA VACCINATION WEEK

This week, December 8-14, was National Influenza Vaccination Week (NIVW). With the holidays approaching, keep promoting and offering flu vaccination! The Centers for Disease Control and Prevention has numerous [resources](#) available to help you promote flu vaccination. MDCH also issued an NIVW [press release](#).

FLU WEBSITES

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

INFLUENZA-RELATED NEWS ARTICLES

- [Milwaukee flu hospitalizations up significantly from last year](#)
- [North Carolina HHS reports first three adult deaths from influenza](#)
- CIDRAP: [US flu activity still low, but creeping up](#)
- [Flu research may alter treatment approach](#)
- [Respiratory expert warns that staff who refuse flu vaccine 'risk patient lives'](#)
- [Flusurvey partners with U.K. schools to track influenza virus in children](#)
- [New York City to require child flu shots](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- *New England Journal of Medicine*: [Vaccine for prevention of mild and moderate-to-severe influenza in children](#)
- *BMC Medicine*: [Containing the accidental laboratory escape of potential pandemic influenza viruses](#)
- *Science*: [Substitutions near receptor binding site determine major antigenic change during influenza virus evolution](#)
- *Clinical Infectious Diseases*: [Effectiveness of seasonal trivalent influenza vaccine for preventing influenza virus illness among pregnant women: a population-based case-control study during the 2010-11 and 2011-12 flu seasons](#)
 - Flu vaccination reduced risk of acute respiratory illness associated with lab-confirmed flu among pregnant women by over one-half
- *MMWR*: [Seasonal influenza vaccination coverage among women who delivered a live-born infant - 21 states and NYC, 2009-10 and 2010-11 flu seasons](#)
- *PLoS One*: [Maternal and neonatal outcomes among pregnant women with 2009 pandemic influenza A\(H1N1\) illness in Florida, 2009-2010: a population-based cohort study](#)
 - More severe pH1N1 illness during pregnancy associated with adverse neonatal outcomes
 - Should target pregnant women for appropriate prophylaxis and early treatment

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