



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

SEASONAL INFLUENZA ACTIVITY

Influenza activity continues to decrease in the United States. 'Sporadic' flu activity was reported by 32 states, including Michigan.

- CDC's [FluView](#) (week ending May 17, 2014)
 - 95 flu-associated pediatric deaths have been reported for the 2013-14 season

AVIAN INFLUENZA A(H5N1) NEWS AND JOURNAL ARTICLES

- [Indonesian toddler dies from H5N1](#)
- [Characterizing wild bird contact and seropositivity to highly pathogenic avian influenza A \(H5N1\) virus in Alaskan residents](#)
- [Vietnam to bring H5N1 vaccine to market by year-end](#)

MERS CASES IN THE UNITED STATES

Middle East Respiratory Syndrome (MERS) is a viral respiratory illness first reported in Saudi Arabia in 2012. So far, all the cases since 2012 have been linked to countries in the Arabian Peninsula. The virus has spread from ill people to close contacts including healthcare personnel. However, there is no evidence of sustained person-to-person transmission.

On May 2, 2014, the first U.S. imported case of MERS was confirmed in a traveler from Saudi Arabia. On May 11, a second U.S. imported MERS case was confirmed in a traveler from Saudi Arabia. On May 16, an Illinois resident with contact to the first case tested positive for the MERS virus. For more information on MERS, including info specific for healthcare providers, visit the [CDC MERS website](#).



Source: CDC

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](#).

AVIAN INFLUENZA A(H7N9) NEWS AND JOURNAL ARTICLES

The global outbreak total has now reached [446 cases](#) with at least 156 deaths since February 2013.

- WHO: [Human infection with avian influenza A\(H7N9\) virus - update](#) (May 22, 2014)

INFLUENZA-RELATED JOURNAL ARTICLES

- [School-located influenza vaccination with third-party billing: outcomes, cost, and reimbursement](#)
 - School vaccination resulted in nearly 1/3 elementary students vaccinated with at least 1 flu dose
 - Reimbursement rates limited by school restrictions on charging parents fees, low payments for vaccine administration from public payers, and high rates of denials from private insurers
 - [School-located influenza vaccination with third-party billing: what do parents think?](#)
- [Pneumonia and influenza mortality among American Indian and Alaska Native people, 1990-2009](#)
- [Safety of influenza vaccination during pregnancy: a review of subsequent maternal obstetric events and findings from two recent cohort studies](#)
- [Influenza C virus high seroprevalence rates observed in 3 different population groups](#)
- [Health and economic benefits of early vaccination and nonpharmaceutical interventions for a human influenza A\(H7N9\) pandemic: a modeling study](#)
 - Vaccination in an H7N9 pandemic would need to be much faster than in 2009 to substantially reduce morbidity, mortality, and healthcare costs
- [Ethical alternatives to experiments with novel potential pandemic pathogens](#)
- [Effect of nitazoxanide in adults and adolescents with acute uncomplicated influenza: a double-blind, randomized, placebo-controlled, phase 2b/3 trial](#)
 - Anti-parasitic drug associated with reduced duration of symptoms

OTHER INFLUENZA-RELATED NEWS

- [FDA: 2010-11 flu vaccine not associated with childhood febrile seizures](#)

FLU WEBSITES

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