



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

FLU UPDATES

Journal Articles

Antiviral Resistance

[Researchers reviewed](#) a cluster of Australian illnesses in 2011 caused by oseltamivir-resistant 2009 H1N1 viruses and found evidence that the viruses maintained their fitness when the resistance mutation was present. According to the researchers, this suggests that widespread emergence of the strain may be more likely.

Related news article: [Study: H1N1 resistance to oseltamivir may spread](#)

The *Journal of Infectious Diseases* recently published, "[Combination Antiviral Therapy for Influenza: Predictions From Modeling of Human Infections.](#)" The authors concluded that a triple combination regimen would markedly reduce the risk of antiviral resistance emergence in seasonal and pandemic influenza viruses, especially in seriously ill or immunocompromised hosts.

Variant H3N2

Seroprevalence to variant H3N2 flu (H3N2v) was 40% overall in Norwegians but much lower in young children and those 45 to 54 years old, according to a [report in Eurosurveillance](#). The authors wrote, "more research is needed to explain the poor immunity in 45- to 54-year-olds."

Vaccine Technology

This week [Vaccine published](#) an article by Alan Shaw PhD, on the new technologies for influenza vaccines. The article states, "Decades of advancement in virology and immunology have provided the tools for making better vaccines against influenza. We now have the means to make vaccines that address some of the shortcomings of the original products, in particular performance in the elderly."

Influenza Vaccine Code

The Centers for Medicare and Medicaid Services (CMS) posted a bulletin stating Medicare will pay for influenza virus vaccine code Q2034 with dates of service on or after July 1, 2012. Additional details are available [here](#).

Influenza Summit Awards

The [National Influenza Vaccine Summit](#) announced the recipients of the 2012 [NIVS Immunization Excellence Awards](#) on April 30, 2012. The award recognizes the value and extraordinary contributions of individuals and organizations towards improved adult, adolescent, and/or childhood influenza vaccination rates within their communities during the 2011-2012 influenza season.

AVIAN INFLUENZA

This week *Emerging Infectious Diseases* Published, "[Avian Influenza A \(H5N1\) Virus Antibodies in Poultry Cullers, South Korea, 2003-2004](#)"

News Articles

- [Year-long ostrich culling ends this week](#)
- [NOVAVAX Launches Additional Phase I Clinical Trial of A/H5N1 Influenza Vaccine Candidate](#)

PANDEMIC PREPAREDNESS

- [Twin Cities medicine-by-mail test called successful](#)
- [FEMA's first national preparedness report cites progress, gaps](#)

Influenza News Articles

[Survey: At pandemic's peak, people worried more about seasonal flu](#)

FLU RESOURCES

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

The April 2012 issue of the Michigan Immunization Timely Tips (MITT) newsletter has [been posted](#).

The Centers for Disease Control and Prevention (CDC) also posted their April Newsletter, [Immunization Works](#).

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