



Michigan Department of Community Health, 201 Townsend Street, Lansing, Michigan 48909

## **SEASONAL FLU**

MDCH's Michigan Influenza Season Summary for the 2010-2011 influenza season is included with this edition of FluBytes.

## **2011-12 Flu Season**

Influenza Vaccine for the 2011-12 season is currently being distributed to vaccination locations.

[Novartis begins shipment of Fluvirin® seasonal influenza vaccine to US customers for 2011-2012 influenza season](#)

[Pharmacies launch new flu vaccine season](#)

## **Flu Vaccine Safety**

South Korean researchers published a 7 year flu vaccine safety [study in](#) the current edition *Vaccine*. They found that after administering 75 million doses of influenza vaccine from 2003 through 2010, only 42 potentially serious adverse events, or roughly 1 per 1.8 million doses were identified. Of those events, 26 (62%) were causally associated with flu vaccine, which lowers the rate to 1 event per 2.9 million doses. The events included 9 cases of Guillain-Barre syndrome, 18 other neurologic events, 8 injection-site events, and 7 other events. Annual incidence of potentially serious events ranged from 0.006 to 0.07 cases per 100,000 doses.

## **Flu Vaccine Research**

*Vaccine* [published an article](#) on Protein Sciences Corporation's insect-cell-based influenza vaccine FluBlok. The vaccine was found safe and immunogenic in a phase 3 clinical trial involving more than 4,000 healthy adults ages 18 to 49. The authors conclude, "FluBlok induced serum HAI antibody responses to all three vaccine components in the majority of recipients, and the lower limit of the 95% confidence interval for response rate exceeded the [Food and Drug Administration] criteria for licensure for all three components [lower limit of the 95% confidence interval for response rate >40% and lower limit of the 95% confidence interval for HAI titer of 1:40 or greater >70%]."

## **News Articles on Flu Vaccine Research**

[Universal Influenza Vaccine In Reach Targeting Key Common Proteins](#)

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes can be found [here](#). To access archived editions of MI FluFocus click [here](#).

## **Flu Journal Articles**

- [Comparability of Different Methods for Estimating Influenza Infection Rates Over a Single Epidemic Wave](#)
- [Cost-effectiveness and socio-economic aspects of childhood influenza vaccination](#)

## **Avian Influenza**

Yesterday *Eurosurveillance* published "[Avian influenza A\(H5N1\) in humans: new insights from a line list of World Health Organization confirmed cases, September 2006 to August 2010.](#)" The study reported that the 235 confirmed AI cases from September 2006 to August 2010 had a case fatality rate of 56% (132/235), ranging from 28% (27/98) in Egypt to 87% (71/82) in Indonesia.

## **News Articles**

[Cambodia reports H5N1 death, zoo outbreak](#)

[Egyptian H5N1 case](#)

## **FLU RESOURCES**

**Stay up-to-date with:**

**MDCH:** [www.michigan.gov/flu](http://www.michigan.gov/flu)

**CDC:** [www.cdc.gov/flu](http://www.cdc.gov/flu)

**HHS:** [www.flu.gov](http://www.flu.gov) or [www.vaccines.gov](http://www.vaccines.gov)

## **ADDITIONAL IMMUNIZATION INFORMATION**

### **Vaccine Hesitancy**

An article in *The Lancet* was recently published:

"Addressing the [Vaccine Confidence Gap.](#)"

The author's state: "scientific evidence of a vaccine's efficacy and safety profile alone is insufficient to gain and sustain the public's trust in vaccines."

### **Related News Article:**

[Critics of vaccines are poor shots](#)

### **Immunization Action Coalition (IAC)**

IAC recently posted their July issues of:

- [Needle Tips](#)
- [Vaccinate Adults](#)

### **MDCH 2011 Fall Immunization Conferences**

Registration for the MDCH 2011 Fall Regional Immunization Conferences will begin August 29. The dates and locations are Oct. 5 (E. Lansing), Oct. 6 (Dearborn), Oct. 18 (Gaylord), Oct. 20 (Marquette), Nov. 1 (Bay City), Nov. 2 (Troy), Nov. 9 (Kalamazoo), and Nov. 10 (Grand Rapids). As more details become available, they will be posted at [www.michigan.gov/immunize](http://www.michigan.gov/immunize) under Provider Information.