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## Influenza Testing and Surveillance

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### Flu Vaccine: For Everyone, Every Year

## Influenza Testing & Surveillance Bureau of Laboratories

### Routine Seasonal Influenza Resources

- [2007-2008 Influenza Season Summary](#)
- [2006-2007 Influenza Season Report](#)
- [Weekly Influenza Surveillance Report](#)
- [Specimen Collection Guidelines for Influenza-Associated Deaths in Children.](#)
- [Michigan Department of Community Health specimen submission information.](#)
- [Michigan Department of Community Health specimen collection information.](#)
- [Sign up now to receive your test results from MDCH via fax instead of U.S. Mail.](#)
- [CDC Influenza Activity Level Descriptions](#)
- [Michigan Main Influenza Page](#)

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## Pandemic and Avian Influenza

- [www.michigan.gov/flu](http://www.michigan.gov/flu)- A State of Michigan web site dedicated to influenza (flu).
- [www.michigan.gov/prepare](http://www.michigan.gov/prepare)- A State of Michigan web site dedicated to emergency preparedness.
- [www.pandemicflu.gov](http://www.pandemicflu.gov)- The National Influenza Preparedness web site.
- [Laboratory Biosafety Guidelines](#)- These biosafety guidelines have been developed for Michigan laboratories handling and processing specimens associated with influenza.
- MDCH Bureau of Laboratories (BOL) [Influenza A Test Algorithm](#)- This test algorithm covers seasonal influenza testing, suspect avian influenza testing, and pandemic influenza testing. It will be updated as the situation requires.
- [CDC Guidelines for Avian Influenza \(H5N1\)](#).
- **The MDCH lab has the capacity to perform Influenza A, Influenza B, A H1, A H3, A H5 PCR as a part of our Pandemic Influenza response. At WHO Pandemic Influenza Level 3 or Level 4 with no confirmed cases in Michigan, this testing requires pre-approval through our Bureau of Epidemiology. (517-335-8165 or 517-335-9030, after hours). [Specific information on this testing.](#)**
- To expedite receipt of laboratory results, we urge all submitters to register for fax transmittal of reports. Fax agencies receive their reports the day testing is completed. This is especially

important for those submitting specimens for H5 PCR testing. Non-fax agencies receive reports via the U.S. Post Office. This method will delay your report by several days. [Registration information.](#)

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## 2007-2008 Influenza Season Report

**Influenza Surveillance Report - Note: this report comes out on Thursday each week.**

Report for [October 2, 2008](#)

**National influenza surveillance summary information for the current week is available at:**

[CDC Weekly Influenza Surveillance page.](#)  
[The CDC Influenza page.](#)  
[The World Health Organization](#)

### MDCH Laboratory Data

There are medical provider sites from a variety of geographic locations throughout Michigan enrolled in the sentinel surveillance program. These providers represent private practice for adult and pediatric patients, as well as urgent and emergency care facilities, nursing homes and university health services. Michigan is now conducting routine influenza surveillance year round. Thus, MDCH requests submission of two to three specimens for influenza A and B viral culture four times during the year: early influenza season, when influenza virus is beginning to circulate; middle season, during the peak of influenza activity; late season, as influenza activity diminishes; and in the summer months. Participation in this program is voluntary. The data shown here are the results obtained by the MDCH Viral Isolation Unit from specimens submitted by participating sentinel surveillance sites. The influenza season runs from October 1 through September 30 each year.

To locate your Health Region, see the county listing at the end of this page.

Data as of October 2, 2008

Health Region	Inf. B	Inf. A, unsubtypeable <sup>#</sup>	Inf. A, subtype pending	Inf. A, H1N1	Inf. A, H3N2	Adeno	Para 1	Para 2	Para 3	RSV
Southeast	25*/2 <sup>^</sup>	2	0	2	49	0	0	0	0	1
Southwest	9*	0	0	0	52	0	0	2	0	3
Central	6*	0	0	0	57	1	3	2	1	3
Northern	10*	0	0	2	32	2	0	0	1	4

\* B/Shanghai/361/2002-like

<sup>^</sup> B/Malaysia/1506/2004-like

<sup>#</sup> Unable to produce quantities of virus to perform subtyping.

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## 2007-2008 Northern Hemisphere Influenza Vaccine Components

A/Solomon Islands/3/2006 (H1N1) - like virus  
A/Wisconsin/67/2005 (H3N2) - like virus  
B/Malaysia/2506/2004 - like virus

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## Past Influenza Season Data

[Summary of 2007/2008 Influenza Season report.](#)  
[Summary of 2006/2007 Influenza Season report.](#)  
[Summary of 2005/2006 Influenza Season report.](#)  
[Influenza season report for the 2006-2007 season.](#)  
[Influenza season report for the 2005-2006 season.](#)  
[Influenza season report for the 2004-2005 season.](#)  
[Influenza season report for the 2003-2004 season.](#)  
[Influenza season report for the 2002-2003 season.](#)

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## CDC Confirms Case of Swine Influenza A, H1N2 in a Michigan Resident

In September 2007, a positive rapid influenza A test from August 2007 was confirmed at the MDCH Bureau of Laboratories as an influenza A (H1N2) virus. Recent testing by the Centers for Disease Control and Prevention (CDC) has confirmed the strain as A(H1N2); in addition, the strain was determined to be of swine origin. The case was a 16-month-old from the Central Influenza Surveillance region who developed moderate flu-like symptoms and subsequently recovered with no complications. A comprehensive follow-up investigation by MDCH, CDC and the local health department is currently underway. No additional cases have been identified at this time, and this case is believed to be an isolated event with the most probable exposure route being contact with infected swine. This case highlights the value of increased off-season influenza surveillance to detect circulating human and novel influenza viruses.

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## [Listings of Counties and Their Respective Health Regions](#)

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