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Influenza Testing and Surveillance

Influenza Testing & Surveillance Bureau of Laboratories

Specimen Collection Guidelines for Influenza-Associated Deaths in Children, click [here](#).
Michigan Department of Community Health specimen submission information can be found [here](#).
Michigan Department of Community Health specimen collection information can be found [here](#).
Sign up now to receive your test results from MDCH via fax instead of U.S. Mail. Click [here](#).
[Weekly Influenza Surveillance Report](#)

Pandemic and Avian Influenza

[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), click [here](#).

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 is available [here](#).

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 is available [here](#).

2005-2006 Influenza Season Report

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I. General Information

The MDCH lab would like to receive culture specimens on influenza rapid test positives both early and late in the season because of the low positive predictive value of these tests when disease prevalence is low in the community.

Michigan Department of Community Health specimen submission information can be found [here](#).

Michigan Department of Community Health specimen collection information can be found [here](#).

Sign up now to receive your test results from MDCH via fax instead of U.S. Mail. Click [here](#).

Further information may be found at:

- [Michigan Main Influenza Page](#)

Summary of 2005/2006 Influenza Season can be found [here](#).

Data from past influenza seasons:

Influenza season report for the 2004-2005 season can be found [here](#).

Influenza season report for the 2003-2004 season can be found [here](#).

Influenza season report for the 2002-2003 season can be found [here](#).

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

[CDC Weekly Influenza Surveillance page](#).

The CDC Influenza page can be accessed at:

[CDC Influenza page](#).

The World Health Organization page can be found at:

[WHO site](#)

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II. Influenza Surveillance Report - Note: this report is weekly during seasonal influenza and monthly during the summer months.

Report for [October 5, 2006](#)

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III. 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. MDCH requests submission of three specimens for influenza A and B viral antigen detection and viral culture three times during the winter season: early, when influenza virus is beginning to circulate; middle, during the peak of influenza activity; late, as influenza activity diminishes.

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.

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

Data as of September 28, 2006.

Health Region	Inf. B	Inf. A, Subtype Pending	Inf. A, H3N2	Adenovirus	RSV	Para 1	Para 2
Southeast	6	0	55	0	0	1	0
Southwest	0	0	23	0	0	1	2
Central	0	0	43	1	0	2	0
Northern	0	0	10	1	1	0	0

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IV. Listings of Counties and Their Respective Health Regions - [CLICK HERE](#)

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