

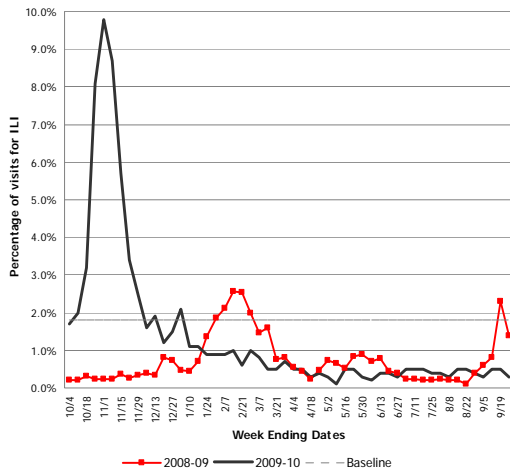
How Can You Become a Michigan Sentinel Physician?

Contact the
Michigan Department of
Community Health:

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Or your
Local Health Department

Percentage of Visits for Influenza Like Illness (ILI) Reported by the US Outpatient Influenza-like Illness Surveillance Network (ILINet) - Michigan, 2008-2010



Michigan Sentinel Surveillance Enrollment Form

Last Name: _____

First Name: _____

Practice Name: _____

Address: _____

City: _____

Zip Code: _____

Office Phone: _____

Office Fax: _____

Email: _____

Specialty: _____

Please fax completed
form to the
Michigan Department
Of Community Health:
517-335-9855
or email info to:

CarltonC2@michigan.gov

Image Courtesy of the Centers for Disease Control and Prevention

Fight The Flu!

Join the
Outpatient
Influenza-like
Illness
Surveillance
Network



Influenza Sentinel Surveillance in Michigan

Influenza viruses are constantly evolving, which became very apparent in the spring of 2009 with the emergence of 2009 H1N1. That is one of the many reasons why influenza surveillance, with the help of local sentinel sites, is vital.

The Michigan Department of Community Health participates in the Outpatient Influenza-like Illness Surveillance Network (ILINet), a collaborative effort between the Centers for Disease Control and Prevention (CDC), state and local health departments, and volunteer sentinel health care providers, to monitor the impact of influenza in Michigan each year.

On a larger scale, sentinel reports may provide advance warning of an emerging influenza pandemic. Given Michigan's status as an international border state, vigilance in monitoring emerging diseases takes on even greater significance.

Who Can Be an Influenza Sentinel?

Medical providers of any specialty (*e.g.*, family medicine, internal medicine, pediatrics, infectious disease) in nearly any setting (*e.g.*, private practice, public health clinic, urgent care center, emergency room, university student health center) who are likely to see patients with influenza-like illness can be sentinels. Allied health care professionals can have a primary role when working under the direction of a licensed physician. The only exception is for those providers who primarily care for institutionalized populations (*e.g.*, nursing homes, prisons).

What Does an Influenza Sentinel Do?

When you enroll as an influenza sentinel, your responsibilities are:

1. Collect data:
 - Total number of patient visits each week
 - Weekly counts of the number of patient visits for influenza-like illness* (ILI) within five age categories (0-4 years, 5-24 years, 25-49 years, 50-64 years and 65+ years).
2. Report: Send collected data to a central data repository at the CDC via fax or the Internet on a weekly basis.
3. Collect respiratory specimens from a sample of patients with influenza-like illness for respiratory virus culture at no charge by the Michigan Department of Community Health Laboratory.

*For surveillance purposes, influenza-like illness is defined as patients with a fever of 100° F or greater and a cough and/or sore throat.

How Can I Incorporate Sentinel Surveillance Into my Practice?

While every practice is different, many successful Michigan sentinels have adopted similar strategies.

Methods of tracking the weekly number of visits due to ILI:

- Use a daily tally sheet with separate age groups
- Note ILI on encounter forms
- Review medical records daily or weekly
- Create an ILI code in electronic medical record or billing systems

To track the weekly number of office visits:

- Review appointment book, billing data, encounter forms, or registration log book

Contact MDCH for more tips!

What are the Advantages of Being an Influenza Sentinel?

Sentinel physicians receive **free laboratory testing** (respiratory virus culture) for approximately eleven specimens per site per year. Specimens are tested at the Michigan Department of Community Health Laboratory and results are shared with the provider by fax. Initial results take less than two days and final results take about a week.

Sentinel physicians also receive:

- **Weekly feedback on the data submitted**
- **Summaries of regional, state, and national influenza data**
- **Free subscriptions to CDC**
 - *Morbidity and Mortality Weekly Report (MMWR)*
 - *Emerging Infectious Diseases*
- **Free registration at an MDCH Regional Immunization Conference for reporting regularly**

In addition, family practice residents may fulfill their **residency research requirement** by participating in the influenza surveillance system.

The most important consideration in deciding to volunteer, however, is that the information provided each week by influenza sentinels is critical for protecting the public's health in Michigan.

Become an Influenza Sentinel Today!

We are grateful to Erin Campbell at Kalamazoo County Health and Community Services for her work on an earlier version of this document.