



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.dph.illinois.gov](http://www.dph.illinois.gov)

## MEMORANDUM

**TO:** Hospital Administrators, Infection Control Professionals, Laboratories, Infectious Disease Physicians, Federally Qualified Health Centers, Illinois Medical Society, and Local Health Departments

**FROM:** Communicable Disease Control Section (CDCS)  
Influenza Surveillance Program

**DATE:** June 25, 2018

**SUBJECT:** 2018-2019 Influenza Sentinel Surveillance Program Participation

---

As the IDPH CDCS Influenza Surveillance Program prepares for the 2018-2019 influenza season, we are eliciting participation in the program from Illinois laboratories and medical providers who evaluate and/or conduct testing for patients with influenza-like illness (ILI). IDPH's influenza surveillance program collaborates with the Centers for Disease Control and Prevention (CDC) on the national surveillance initiative, and depends on data and clinical specimens submitted from sentinel sites. Your facility practice has been identified as a provider that either cares for patients with ILI and/or conducts influenza virologic testing; therefore, we are requesting your participation in this program. If you decide to participate, there are two options explained below: the ILINet provider reporting program or the virologic sentinel program for specimen testing.

**The ILINet provider program** is an online tracking system where designated providers can log in and submit weekly ILI surveillance data, tracking the total number of ill patients, in addition to the number evaluated only for ILI by age group. This information must be reported every Tuesday in ILINet. Data from ILINet are used to evaluate the current influenza season, monitor influenza activity levels, identify novel strains and outbreaks, assess public health vaccination efforts in the community, and assist in vaccine formulations for the following season. Throughout the season, each participating site will receive an emailed copy of the IDPH Weekly Influenza Surveillance Report and a final summary report at the end of the season.

To sign up for the ILINet provider program, please contact the IDPH Influenza Surveillance program by phone at 217-782-2016 or by email at [dph.influenza@illinois.gov](mailto:dph.influenza@illinois.gov). You may also fax the sign-up form to us at 217-524-0962. ***If you are a medical provider located within the city of Chicago***, please contact the Chicago Department of Public Health's Influenza Coordinator, Enrique Ramirez at 312-746-5911 or [Enrique.ramirez@cityofchicago.org](mailto:Enrique.ramirez@cityofchicago.org) to register.

**The virologic sentinel surveillance program** is another part of the overall influenza Illinois surveillance program and involves a number of selected submission sites. This program consists of testing clinical specimens from ILI patients provided by sentinel sites at designated IDPH

laboratories. A CDC FDA-cleared Influenza RT-PCR assay is used as well as culturing and subtyping. Virologic surveillance is a vital part of the influenza surveillance system as it allows the CDC, IDPH, local health departments, and the sentinel sites to:

- ✓ Identify types of influenza circulating in Illinois,
- ✓ Aid in the development of next season's vaccine,
- ✓ Identify rare/novel Influenza A (e.g., H3N2v, H7) and B strains that may not be identified by commercial molecular assays, and
- ✓ Identify and submit specimens to CDC for antiviral susceptibility testing and identification of shifts in the virus's genetic makeup.

Participating sentinel sites are asked to send at least ten specimens each week to their designated IDPH laboratory for viral testing at **no cost** to the sentinel site. Prior approval or notice is not needed for specimen submission if the site is a registered participating sentinel site. Sentinels who participate in clinical specimen testing are provided their specimen results, with an average turn-around time of three days. However, this may fluctuate depending on the volume of specimens being tested in a given week. Each site will be provided influenza collection and shipping materials at no cost to the site that contain the following items:

- ✓ Specimen collection kits
- ✓ Submission forms
- ✓ Cold Packs
- ✓ Packaging & pre-paid mailing materials

If you are interested in participating in the Virologic Sentinel Surveillance program, please contact one of the following for additional program details or to register contact:

- ✓ IDPH Communicable Disease Control Section, Influenza Program at 217-782-2016 or [dph.influenza@illinois.gov](mailto:dph.influenza@illinois.gov)
- ✓ Chicago IDPH Laboratory at 312-793-4760
- ✓ Springfield IDPH Laboratory at 217-782-6562
- ✓ Carbondale IDPH Laboratory at 618-457-5131
- ✓ You may also fax the sign-up form to us at 217-524-0962.

All participating sites will receive additional, detailed specimen collection and shipping instructions from the IDPH laboratories prior to the start of the 2018-2019 influenza season. Participation in these programs can occur during the official influenza season (week 40 through week 20) or during the entire calendar year. Please indicate your preference when signing up. Thank you for your consideration of this request and future involvement in influenza surveillance. We look forward to working with you.

# Illinois Influenza Sentinel Surveillance Program

## **What is the sentinel influenza surveillance program?**

IDPH coordinates an influenza surveillance program in Illinois and collaborates with the Centers for Disease Control and Prevention (CDC) on the national surveillance program. This surveillance system is dependent on data and clinical specimens submitted from sentinel sites. This program relies on provider reports and laboratory submissions for an accurate evaluation of influenza in the U.S.

## **What is an influenza sentinel provider and who can become one?**

An ILINet provider conducts surveillance for influenza-like illness (ILI) in collaboration with the IDPH, the local health departments (LHDs), and the CDC, and then provides the data through a CDC website so they can be analyzed. Providers in any outpatient setting can participate (e.g., family practice, pediatricians, emergency room physicians, university health centers, urgent care centers, public health clinics).

## **What information do sentinel providers collect and how is it reported?**

Sentinel providers report the total number of patient visits each week and the total number of patient visit for influenza-like illness by age group (0-4 years, 5-24 years, 25-49 years, 50-64 years, and >64 years). These data are entered into the CDC ILINet website by the facility once a week (by the end of the day every Tuesday). IDPH and CDC analyze and interpret these data and use them to evaluate the current season trends.

## **What is the virologic sentinel surveillance program?**

The virologic sentinel surveillance program is another part of the overall influenza surveillance program in Illinois and is a laboratory surveillance system involving a number of selected submission sites. This program consists of testing clinical specimens from ILI patients provided by sentinel sites at designated IDPH laboratories. A CDC FDA-cleared Influenza RT-PCR assay is used as well as culturing and subtyping. Virologic surveillance is a vital part of the influenza surveillance system as it allows the CDC, IDPH, local health departments, and the sentinel sites to:

- Identify types of influenza circulating in Illinois.
- Aid in the development of next season's vaccine.
- Identify rare/novel Influenza A (H3N2v; H7) and B strains that may not be identified by commercial molecular assays; and
- Identify and submit specimens to CDC for antiviral susceptibility testing and identification of shifts in the virus's genetic makeup.

## **How many specimens would IDPH need submitted from each site?**

We ask sentinel sites who sign up for participation in this program to send at least ten specimens each week to their designated IDPH laboratory for viral testing. Prior approval or notice is not needed for specimen submission if the site is a registered participating sentinel site.

## **Will the laboratory sentinel site be expected to pay for shipping or testing materials?**

No. IDPH laboratory provides the testing and shipping materials, including prepaid shipping labels, to each site that participates. This program is no cost to the sentinel site volunteering to participate.

## **How does a provider or laboratory sign up to participate?**

If you are interested in signing up or if you have additional questions, please call one of the numbers below. You may also fax or email the sign up form to us. (Fax: 217-524-0962 Email: [dph.influenza@illinois.gov](mailto:dph.influenza@illinois.gov))

- IDPH Communicable Disease Control Section, Influenza Program Phone: 217-782-2016
- Chicago IDPH Laboratory: 312-793-4760
- Springfield IDPH Laboratory: 217-782-6562
- Carbondale IDPH Laboratory: 618-457-5131

If you are a medical provider in the city of Chicago interested in participating, please call the Chicago Department of Public Health's Influenza Coordinator at 312-746-5911.



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.dph.illinois.gov](http://www.dph.illinois.gov)

## Become an Influenza Sentinel Provider

Please complete the form below to sign up as an Influenza Sentinel Provider or Laboratory Sentinel Site. You may fax this form to 217-524-0962 or email this information to [dph.influenza@illinois.gov](mailto:dph.influenza@illinois.gov). If you have questions, please call the influenza program at 217-782-2016.

### Are you interested in participating in the Provider ILINet Program, the Laboratory Program, or Both?

\_\_\_\_ Provider ILINet Program      \_\_\_\_ Laboratory Program      \_\_\_\_ Both  
*(If participating in both programs, please complete all sections below. If only participating in one program, complete the appropriate section below.)*

### Are you interested in seasonal or year-round participation?

\_\_\_\_ Seasonal Participation (week 40 through week 20)      \_\_\_\_ Year-round Participation

**Practice/Facility Name:** \_\_\_\_\_

Practice Type:       Family Practice       Student Health       Pediatrics  
                          Emergency Medicine       Internal medicine       Urgent Care  
                          Infectious Disease       Other \_\_\_\_\_

Facility Address: \_\_\_\_\_

City and Zip: \_\_\_\_\_

Fax Number: \_\_\_\_\_

**ILINet Contact Name:** \_\_\_\_\_ Phone: \_\_\_\_\_

Title: \_\_\_\_\_

Alternate Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Title: \_\_\_\_\_

Email Address: \_\_\_\_\_

Alternate Email Address: \_\_\_\_\_

**Lab Contact Name:** \_\_\_\_\_ Phone: \_\_\_\_\_

Title: \_\_\_\_\_

Email Address: \_\_\_\_\_

Additional Comments or Questions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*For IDPH Use Only:*

Provider ID: \_\_\_\_\_

Date Started: \_\_\_\_\_

**PROTECTING HEALTH, IMPROVING LIVES**

*Nationally Accredited by PHAB*