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## MEMORANDUM

**TO:** Local Health Departments; Hospitals; and Departments of Critical Care, Emergency Medicine, Family Practice, Geriatrics, Internal Medicine, Infectious Diseases, Infection Control, Pediatrics, Pharmacy, Neonatal Units, Obstetrics and Gynecology, Pulmonary Medicine, and Laboratory Medicine

**FROM:** Communicable Disease Control Section (CDCS)  
Division of Laboratories

**DATE:** September 25, 2024

**RE:** Respiratory Testing and Reporting Guidance

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Illinois Department of Public Health (IDPH) is issuing updated guidance related to submission of respiratory clinical laboratory specimens and reporting. Comprehensive respiratory surveillance, including confirmatory testing and speciation, is only possible with the assistance and involvement of clinicians, infection control practitioners, and laboratories. Thank you for your assistance and cooperation.

### Respiratory Testing and Reporting Guidelines

- 1. With the exception of laboratories enrolled as sentinel site reporters, routine testing performed for inpatient and outpatient clinical care, including PCR testing, should be obtained at clinical and hospital laboratories.** For the 2024-2025 respiratory season, only the following specimens should be sent to IDPH for testing<sup>1</sup>:
  - a. Specimens that are approved by local health departments (LHDs) on a case-by-case basis, such as for outbreak management or virus identification in a congregate facility, post-mortem evaluation, and cases of suspected novel influenza viruses.
  - b. Influenza specimens that cannot be subtyped (e.g., from molecular assays that can detect all currently circulating influenza A virus subtypes who identify an unsubtypeable result).
  
- 2. Specimen Testing Authorization:**  
To authorize the submission of specimens not related to the respiratory sentinel program, **LHD staff** must complete the [IDPH Communicable Disease Test Authorization Form](#).

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<sup>1</sup> These criteria do not apply to respiratory sentinel surveillance providers, who will receive separate instructions regarding specimen submission.

Clinical specimens should be submitted using a paper requisition form. As a reminder, the Electronic Test Ordering and Reporting (ETOR) portal should be utilized to submit all test orders electronically for sites registered in the respiratory sentinel program. To enroll your site in ETOR or for further questions, please email [DPH.Labs.DMG@Illinois.gov](mailto:DPH.Labs.DMG@Illinois.gov).

### 3. General Specimen Guidance:

Specimens received at the IDPH laboratory that are not authorized by IDPH or the LHD will be rejected and stored until further information is obtained from the submitter. The submitter may contact their LHD or the IDPH CDCS at 217-782-2016 to discuss specimen testing guidelines. Additionally, any specimen not maintained at the proper temperature, or that is more than three days old when received (except if sent frozen) will not be tested and an unsatisfactory result will be provided.

### 4. Reporting:

The major objectives of respiratory surveillance during 2024-25 season are to describe risk factors for and burden of severe illness, provide information for management of situations requiring public health intervention(s) (e.g., prophylaxis in a congregate care facility), identify changes in the severity and epidemiology of respiratory diseases, and identify novel strains. **Providers should report the following to the LHD<sup>2</sup>:**

- a. **Suspected novel influenza** (e.g., severe respiratory illness of unknown etiology associated with recent international travel, contact with swine, birds, or cattle, or any case of human infection with an influenza A virus that is different from currently circulating human seasonal influenza H1 and H3 viruses). Suspected Novel Influenza cases are reportable immediately, within three hours.
- b. **Pediatric respiratory-associated death due to SARS-CoV-2, Influenza, or RSV** are defined as death of an individual < 18 years of age resulting from a clinically compatible illness that is lab-confirmed by culture, PCR, commercial rapid tests, or other appropriate diagnostic test. These cases are reportable as soon as possible, but within three days.
- c. **Intensive Care Unit (ICU) hospitalizations with SARS-CoV-2, Influenza, or RSV** are defined as individuals hospitalized in an ICU with a positive laboratory test. All ICU admissions for one of these viruses should be reported, even if the respiratory virus is not the specific reason for ICU admission. These cases are reportable as soon as possible, but within three days.
- d. **Outbreaks of respiratory illness in a congregate setting** (e.g., skilled nursing facilities, assisted living facilities): Guidance for respiratory virus outbreak management in congregate settings will be issued shortly under a separate cover.

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<sup>2</sup> Such cases are reportable under the [Communicable Disease Code, Section 690](#)

**5. Seasonal Respiratory Illness Dashboard:**

IDPH will continue to update the [Seasonal Respiratory Illness Dashboard](#) weekly, with updates occurring on Fridays at 2:30pm.

Local or regional influenza surveillance reports are also available on many LHD websites. If you have questions about respiratory surveillance, contact your LHD or the IDPH CDCS at 217-782-2016 or by email at [dph.respiratory@illinois.gov](mailto:dph.respiratory@illinois.gov).

**6. Respiratory Sentinel Surveillance:**

IDPH recruits facilities for three different areas of respiratory sentinel surveillance:

- **ILINet** providers input weekly influenza-like illness (ILI) data for outpatient visits into a CDC database. This data helps track the respiratory season and epidemiological trends.
- **Virologic Sentinel Surveillance:** facilities send up to ten specimens weekly that have tested positive for influenza or SARS-CoV-2 and two negative specimens to an assigned IDPH laboratory for viral testing at **no cost** to the sentinel site; no prior authorization is needed.
- **National Respiratory and Enteric Surveillance System (NREVSS):** laboratories report aggregate positives and total tests for certain respiratory and enteric viruses.

If your practice or facility is interested in participating in respiratory surveillance, please fill out the [online form](#) and a member of the respiratory team will follow-up.

**7. Points of Contact for Commercial Laboratory Respiratory PCR Testing:**

Points of contact are listed in the chart below for facilities wanting to arrange for respiratory PCR testing not covered by IDPH testing criteria. Testing protocols vary by laboratory. Laboratories are listed in alphabetical order; IDPH does not endorse any particular laboratory. This list may be incomplete and is based on currently available information that is updated periodically. To add the name of a laboratory to this list, contact Josh Geltz, Division Chief of the Division of Laboratories at [Joshua.Geltz@Illinois.gov](mailto:Joshua.Geltz@Illinois.gov).

Lab	Contact	Phone
ACL Laboratories	Sales	800-877-7016
Alverno Clinical Laboratories, LLC	Melissa Mace	219-989-3888
Marshfield Labs	Sandra Molter	800-222-5835, x16278
Mayo Medical Laboratories	Customer Service	800-533-1710
North Shore University Health System	Brian Staes	847-663-2105
Northwestern Memorial Hospital	Angie Bialkowski-Gunn	312-926-4296

Quest Diagnostics	Customer Service	866- 697-8378
University of Illinois	Jessica Padilla	312-996-4800

**8. IDPH Contacts**

If you have questions about specimen submission, collection, or transportation, call the appropriate regional laboratory. Other questions about general respiratory surveillance can be directed to the Communicable Disease Control Section (CDCS).

- Springfield laboratory: 217-782-6562
- Carbondale laboratory: 618-457-5131
- Chicago laboratory: 312-793-4760
- CDCS: [dph.respiratory@illinois.gov](mailto:dph.respiratory@illinois.gov) or 217-782-2016