



## FOR DIAGNOSTIC AND SCREENING FACILITIES

As diagnostic and screening facilities – defined as laboratories, non-laboratory testing sites, testing sites offering point-of-care testing or in-home testing related to COVID-19 (SARS-CoV-2), continue to perform COVID-19 (SARS-CoV-2) testing on behalf of Indiana and its partners, Indiana Department of Health has published reporting guidance in effort to effectively coordinate a rapid, comprehensive public health response to COVID-19 (SARS-CoV-2) pandemic.

The State of Indiana now requires all laboratories and testing facilities administering COVID-19 (SARS-CoV-2) testing, to include molecular, rapid and serology tests, amongst residents of Indiana to follow the COVID-19 (SARS-CoV-2) reporting guidelines outlined below.

### **To all facilities conducting COVID-19 (SARS-CoV-2) testing amongst Indiana residents & partners**

- Report all diagnostics and screening tests performed to detect SARS-CoV-2 or to diagnose a possible case of COVID-19 (e.g., molecular, antigen, antibody) to the Indiana Department of Health within 24 hours of test completion
- Determine the best method in which your facility can report all COVID-19 lab results within 24 hours of test completion
- Immediately notify the provider or ordering facility to inform them of the test results

Indiana Department of Health has been working with facilities to provide with a secure means to make reporting a more efficacious process. There are numerous methods in which testing sites can report their COVID-19 (SARS-CoV-2) results to Indiana Department of Health.

- **Electronic Laboratory Reporting (ELR)** – automated messaging of lab reports sent using one or more electronic mechanism. ELR is a public health objective to promoting interoperability through meaningful use of electronic health records, to improve the quality of laboratory results received by public health and minimize the burden of manual reporting. Submission of electronic laboratory testing data directly to Indiana Department of Health daily is offered using wither Health Level 7 (HL7) messaging or CSV format:

#### **1. Health Level 7 (HL7) implementation:**

- International set of standards to share healthcare information across various health information systems
- Indiana Department of Health’s preferred electronic laboratory reporting method
- Implementation for larger laboratory facilities that have HL7 implementation capacity
- Requires the mapping of LOINC/SNOMED/ICD-10 Coding systems **prior** to implementation
- Contains all required data elements, as designated by CDC/HHS/CMS
- SFTP credentials will be provided to a designated IT member for daily submission
- Improves timeliness, accuracy, consistence, and completeness of lab and clinical data

To start the onboarding process for HL7, please register and complete documents here:

<https://eportal.isdh.in.gov/MeaningfulUse/>. For assistance throughout the onboarding process, please email **Irene Jameson** at [IJameson@isdh.IN.gov](mailto:IJameson@isdh.IN.gov) or **Catherine McQuern** at [CMcquern@isdh.IN.gov](mailto:CMcquern@isdh.IN.gov).



**2. CSV Formatted Flat File:**

- Simple, flat file format
  - Available for facilities that do not have HL7 implementation capacity
  - Contains minimum required data elements, as designated by CDC/HHS/CMS
  - SFTP credentials will be provided to a designated IT member for daily submission
  - Improves timeliness, accuracy, consistence, and completeness of lab and clinical data
  - To start the onboarding process for CSV, please email **Irene Jameson** at [IJameson@isdh.IN.gov](mailto:IJameson@isdh.IN.gov) or **Catherine McQuern** at [CMcquern@isdh.IN.gov](mailto:CMcquern@isdh.IN.gov).
- REDCap form COVID-19 Point-of-Care Test Reporting – Indiana Department of Health. Access designated to specific testing sites with **point-of-care testing (POC)** for **manual** entry
    1. Fillable form that allows all site using point-of-care testing **only** to easily report all results to Indiana Department of Health and will ensure results are included in public health surveillance data
    2. Testing facilities reporting point-of-care testing results through electronic lab reporting do **not** need to report via COVID-19 Point-of-Care Test Reporting – Indiana Department of Health form
  - **Fax complete** laboratory reports/case report form to Indiana Department of Health main fax line: 317-234-2812

**To all facilities interested in reporting COVID-19 (SARS-CoV-2) testing results to Indiana Department of Health electronically**

- Please determine the best method in which your facility can report all COVID-19 (SARS-CoV-2) lab results, based on the COVID-19 Reporting Methods Presentation. If you are unsure which COVID-19 reporting method is ideal for your testing sites, please email **Irene Jameson** at [IJameson@isdh.IN.gov](mailto:IJameson@isdh.IN.gov) and **Catherine McQuern** at [CMcquern@isdh.IN.gov](mailto:CMcquern@isdh.IN.gov).
- **Prior** to establishing electronic lab reporting, please contact the state Department of Health and coordinate electronic file transfer efforts to ensure that complete lab data fields are tested and successfully submitted into our national surveillance system.
- Confirm that all required data elements listed in the **COVID-19 Data Element Reporting Requirements** section are included in the lab reports.
- Once successfully onboarded to submit COVID-19 (SARS-CoV-2) results electronically to Indiana Department of Health, it will be required that all onboarded labs report timely, rectify any data quality issues, and modify any data field requirements in accordance with state/federal guidelines.



# COVID Laboratory Data Reporting

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**Complete Lab Data Must Include:**

- Test Ordered
- Device Identifier
- Test Result
- Test Result Date
- Accession # / Specimen ID
- Patient Age
- Patient Race
- Patient Ethnicity
- Patient Sex
- Patient Residence ZIP Code
- Patient Residence County
- Ordering Provider Name and NPI
- Ordering provider ZIP
- Performing Facility Name and CLIA number
- Performing Facility ZIP Code
- Specimen Source
- Date Test Ordered
- Date Specimen Collected

**Complete Lab Data Must Include for the State of Indiana:**

- Patient First Name
- Patient Middle Name
- Patient Last Name
- Patient Phone Number with Area Code
- Patient DOB
- Ordering Provider Address
- Ordering Provider Phone Number

**HHS "Ask on Entry" Data Should Include:**

- First Test Y/N/U
- Employed in healthcare Y/N/U
- Symptomatic as defined by CDC? Y/N/U
- If yes, then Date of Symptom Onset mm/dd/yy
- Hospitalized? Y/N/U
- ICU? Y/N/U
- Resident in a congregate care setting (including nursing homes, residential care for people with intellectual and developmental disabilities, psychiatric treatment facilities, group homes, board and care homes, homeless shelter, foster care or other setting) (Y/N/U)
- Pregnant? Y/N/U

\*Subject to Change

Please see Technical Guidance:

<https://confluence.hl7.org/display/OO/proposed+HHS+ELR+Submission+Guidance+using+HL7+v2+messages>

For further guidance on COVID-19 laboratory data reporting requirements and additional information on the specific data types and format, please visit [Proposed HHS ELR Submission Guidance](#).

To learn more about Indiana State Department of Health reporting options for COVID-19 (SARS-CoV-2) results or to begin onboarding to Indiana State Department, please feel free to contact **Irene Jameson** at [IJameson@isdh.IN.gov](mailto:IJameson@isdh.IN.gov) and **Catherine McQuern** at [CMcquern@isdh.IN.gov](mailto:CMcquern@isdh.IN.gov)