LOUISIANA DEPARTMENT OF HEALTH Public Health	**Health Alert Network Message 20-38: Update: COVID-19 Data Collection and Reporting**
Origination Date: *June 18, 2020*	**Revision Dates (list all revision dates):**

Update 06/18/2020: COVID-19 Data Collection and Reporting

Reporting COVID-19 test results:
All facilities performing testing for COVID-19/SARS-CoV-2 are required to report all COVID-19/SARS-CoV-2 results to LDH. This includes rapid testing, point-of-care testing, antibody testing, or any other testing performed for COVID-19. Electronic laboratory reporting (ELR) in HL7 or CSV format is the preferred mechanism for reporting results.

If your facility is performing COVID-19 testing on-site and you do not have ELR set up to report your results or you are unsure if your facility has ELR set up, please contact ELR@la.gov . The ELR team will work with you to set up ELR or an alternative reporting method.

If your facility is sending out specimens for COVID-19 testing and not performing testing on-site, the facility performing the testing will be responsible for reporting results.
*Note: COVID-19 test results sent via ELR should include **all** results of testing (i.e., positive, negative, indeterminate, etc.).*

Data Elements for Reporting:
Per recent HHS guidance, required and preferred data elements to be included in COVID-19 laboratory reports have changed.
The following data elements **must** be collected and reported for SARS-CoV-2 laboratory tests:

- Test ordered – use harmonized LOINC codes provided by CDC
- Device identifier
- Test result – use appropriate LOINC and SNOMED codes, as defined by the Laboratory In Vitro Diagnostics (LIVD) Test Code Mapping for SARS-CoV-2 Tests provided by CDC
- Test result date
- Accession number/specimen ID
- Patient age
- Patient race
- Patient ethnicity
- Patient sex
- Patient residence ZIP code
- Patient residence county/parish
- Ordering provider name and NPI number (as applicable)

    - Ordering provider ZIP code
    - Performing facility name and CLIA number (as applicable)
    - Performing facility ZIP code
    - Specimen source – use appropriate LOINC, SNOMED-CT, or SPM4 codes, or equivalently detailed alternative codes
    - Date test ordered
    - Date specimen collected

The following additional demographic data elements **should** also be collected and reported as fully and accurately as possible:

- Patient name
- Patient street address
- Patient phone number with area code
- Patient date of birth
- Ordering provider address
- Ordering provider phone number

In order to meet this requirement, any person or entity ordering a diagnostic or serologic test, collecting a specimen, or performing a test should make every reasonable effort to collect complete demographic information and should include such data when ordering a laboratory test to enable the entities performing the test to report these data to state and local public health departments. When information is not available, ordering health care providers (or their designees), laboratories performing SARS-CoV-2 and associated tests, and State Public Health departments should consider leveraging resources like state or regional HIEs and National Health Information Networks (HIN) to obtain missing, required information. These exchanges and networks have significant capacity to identify missing information as they typically work with a wide range of health care provider EHR generated data, as well as a broader array of ADT (admit, discharge, transfer) feeds from local or regional stakeholders.

The following data fields are specific to SARS-CoV-2 and considered "ask on order entry" (AOE) questions for traditional Electronic Health Records or Laboratory Information Management Systems. These elements should be collected and be conformant with the HL7 Version 2.5.1 Lab Order Interface Implementation Guide and associated standards, and comprehensive of the above data fields:

- First test?
- Employed in healthcare?
- Symptomatic as defined by CDC? If yes, then date of symptom onset?
- Hospitalized?
- ICU?
- 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 shelters, foster care, or other setting)?
- Pregnant?

Recognizing that the data elements requested go above and beyond what has been historically requested, this information should be made available in all reporting (including through methods using existing technical infrastructure such as an HIE) to LDH as soon as possible, but no later than **August 1, 2020** .

Questions regarding laboratory data submission should be directed to ELR@la.gov.