**Guidance for COVID-19 Laboratory Results using the NEDSS Base System**

**Real-Time Access to COVID-19 Laboratory Results**

To assist with the COVID-19 response, we have developed a SQL view to pull **real-time data** from the Operational Data Store (ODS). This view creates a data source that can be used as a line list report of all coronavirus lab reports (irrespective of test result).

The view is created based on known standard COVID-19 Ordered Test LOINCs (OBRs) and incorporates Quest Laboratories’ local code as well. To date, national standards designate LOINCs 94309-2 and 94306-8 for COVID-19 orders within ELR messages. Quest Laboratories uses local code 39433 to identify Ordered Tests. To ensure all COVID-19 related lab reports are included, consider either adjusting the script as additional OBRs or become part of the national standard or implementing workarounds to account for laboratories that deviate from the standard.

The following information is included in the data source:

* Patient Demographic Information (such as patient age, address)
* Jurisdiction
* Program Area
* Ordered Test LOINC
* Resulted Test LOINC
* Test Result Data
* Case ID (if an associated investigation exists)

After using the SQL script to create the data view, all remaining configuration can be done via the NBS user interface, including configuring the created view as a data source and subsequently as a custom report within the reporting module. To include lab results that land in the Documents Requiring Security Assignment (DRSA) queue, you may wish to leave the “*Secure by Program Area and Jurisdiction*” option blank in the Manage Data Sources section within System Management > Report Management.