

What's This?

LIC Service Selection Explained

The LIC provides two primary services, the first is LOINC mapping guidance and the second is Connectivity to public health jurisdictions for the purposes of transporting HL7 2.5.1 Electronic Lab Results (ELRs) that contain LOINC codes.

Please check the service(s) needed on the form on the Welcome page.

Please select your facility's Transport Type for Connectivity testing to PHAs if you are not using the LIC Connectivity service. The LIC grant requires tracking progress for all Transport Types: LIC Portal, HIE, and EHR/LIS.

What is LIC?

The [Laboratory Interoperability Cooperative \(LIC\)](#) is a grant-funded initiative to recruit, educate, and connect hospitals to their related public health agency by providing the necessary technical assistance to enable hospital labs to become meaningful users of certified Electronic Health Records (EHR) technology for submission of electronic data on reportable laboratory results to public health agencies.

[LIC Process & Definitions on next page](#)



LIC Service Options Check Boxes Explained

LOINC Mapping Guidance

Checking this box will open up LOINC Mapping Guidance resources. Your hospital laboratory is not currently using LOINC as part of its coding practice for Public Health reportables and requests this service from LIC.



Connectivity Assistance to Public Health Agency (or Agencies)

Checking this box will open up LIC Hospital Portal. Your hospital is not using an ATCB certified EHR/LIS with Public Health reporting capabilities nor is it currently connected to an HIE that has Public Health reporting capabilities and requests this service from LIC.



Transport Options Explained

EHR / LIS connectivity to Public Health Agency (or Agencies)

Transport of ELR is provided by your EHR/LIS vendor

Your hospital currently uses an ATCB-certified Lab Information System (LIS) that can store LOINC codes; extract an HL7 2.5.1 ELR; and transport to Public Health. *No connectivity services are requested through the LIC.*



HIE connectivity to Public Health Agency (or Agencies)

Transport of ELR is provided by a Health Information Exchange (HIE)

Your facility is connected to a HIE that has (or will soon have) the technical infrastructure in place to direct your HL7 2.5.1 Electronic Lab Result (ELR) to Public Health. *No connectivity services are requested through the LIC.*



LIC Portal connectivity to Public Health Agency (or Agencies)

Transport of ELR will be provided by LIC Hospital Portal

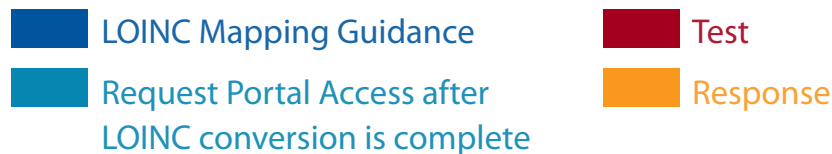
Please ensure the service request is checked in the previous section on the form. *Connectivity services are requested through the LIC.*

LIC Process

Example Facility

The Process example is of a facility that is using both LIC services: LOINC mapping guidance and Connectivity to PHAs.

Key



Public Health (PH)

The science and art of preventing disease, prolonging life and promoting health through the organized efforts and informed choices of society, organizations, public and private, communities and individuals.

Health Level Seven (HL7)

A healthcare informatics interoperability and messaging standard for the exchange, integration, sharing, and retrieval of clinical and laboratory data. The HL7 version required for Meaningful Use (stage 1) and participation in the LIC is HL7 version 2.5.1

Logical Observation Identifier Names and Codes® (LOINC)

A code set utilized for laboratory test names and results, produced by the Regenstrief Institute, and used within transactions between health care facilities, laboratories, laboratory testing devices, and public health authorities.

LOINC Mapping Guidance

Hospital requires LOINC mapping guidance and toolsets from the LIC for the purposes of mapping their reportable conditions within their Lab Information System.

Health Information Exchange (HIE)

The movement of healthcare data/information electronically across organizations within a region, community, or hospital network/system.

Hospital is contracted with an HIE that provides connectivity to their Public Health Jurisdictions for purposes of transporting HL7 2.5.1 Electronic Lab Results (ELRs).

Laboratory Information System (LIS)

A system (in software) that receives, processes, and stores information generated by medical laboratory processes. These systems often must interface with instruments in the laboratory and other systems within a hospital.

ATCB-Certified LIS

Hospital utilizes an ATCB-certified Lab Information System (LIS) that can store LOINC codes and extract an HL7 2.5.1 Electronic Lab Result (ELR) for transport to Public Health.

Definitions