



Electronic Laboratory Results Reporting (ELR)

What is it?

In compliance with 902 KAR 2:020, the Kentucky Health Information Exchange (KHIE) provides a service to automate reportable disease electronic laboratory reporting (ELR) to the Kentucky Department for Public Health (KDPH).

This service includes all reportable diseases covered under Kentucky Administrative Regulation 902 2:020, with the exception of sexually transmitted diseases, HIV, and AIDS-associated laboratory reports.

How does it work?

KHIE monitors the laboratory feed for LOINC codes relevant to reportable diseases based on rules developed by the Kentucky Department for Public Health (KDPH). Identified messages are submitted to KDPH on a daily basis.

What do I need to get started?

- Signed KHIE Participation Agreement and Addendum
- Laboratory feeds and reference lab orders and results must be fully mapped to Logical Observation Identifiers Names and Codes (LOINC) and Systematized Nomenclature of Medicine (SNOMED)
- All-inclusive Admit, Discharge, and Transfer (ADT) feed
- All-inclusive ONC 2014 or 2015 certified laboratory feed that supports HL7 2.5.1 ELR Standard Unsolicited Observation or Unsolicited Lab Observation messages
- NIST Validation Report
 - Valid message structure is essential prior to beginning onboarding
 - The NIST Message Validator Tool link is listed below
 - From the home page, go to 'context-free' at top of the page to enter message to validate. <http://hl7v2-elr-testing.nist.gov/mu-elr/>

Additional Benefits

Electronic Laboratory Results Reporting can assist providers in meeting their Medicaid Promoting Interoperability (aka Meaningful Use) objectives as well as measures for the Medicare Quality Payment Program (QPP)/Merit-Based Incentive Payment System (MIPS).

- Medicaid Promoting Interoperability: Objective 8, Measure 4 – Public Health Registry Reporting
 - Medicare Quality Payment Program/MIPS: Promoting Interoperability Measure – Public Health Registry Reporting
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