

# Meaningful Use & ELR

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HIMSS Iowa Chapter Conference  
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- Meaningful Use ELR Objective
  - Stage 1 – test message
  - Stage 2 – Ongoing submission
    - Declaration of intent (registration with state PHA)
    - Actively working toward ongoing submission
- Iowa Administrative Code –
  - IAC 641 – Public Health Department
  - Chapter 1 - REPORTABLE DISEASES...
- IDPH ELR Onboarding process
- Statewide ELR Update

## The Agenda

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### Stage 2 Eligible Hospital and Critical Access Hospital Meaningful Use Core Measures Measure 14 of 16

Date issued: October, 2012

**Electronic Reportable Laboratory Results**

<b>Objective</b>	Capability to submit electronic reportable laboratory results to public health agencies, where except where prohibited, and in accordance with applicable law and practice.
<b>Measure</b>	Successful ongoing submission of electronic reportable laboratory results from Certified EHR Technology to a public health agency for the entire EHR reporting period.

## Meaningful Use Stage 2 Objective

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### Attestation Requirements

YES/NO

Eligible hospitals or CAHS must attest YES to meeting one of the following criteria under the umbrella of ongoing submission:

- Ongoing submission was already achieved for an EHR reporting period in a prior year and continues throughout the current EHR reporting period.
- Registration with the public health agency or other body to whom the information is being submitted of intent to initiate ongoing submission was made by the deadline (within 60 days of the start of the EHR reporting period) and ongoing submission was achieved.
- Registration of intent to initiate ongoing submission was made by the deadline and the EP or hospital is still engaged in testing and validation of ongoing electronic submission.
- Registration of intent to initiate ongoing submission was made by the deadline and the EP or hospital is awaiting invitation to begin testing and validation

## MU Stage 2 Attestation

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<https://www.legis.iowa.gov/law/administrativeRules/rules?agency=641&chapter=1&pubDate=03-19-2014>

## Iowa Administrative Code

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IAC Ch 1, p.1

**641—1.4 (135,139A) Reporting of reportable communicable and infectious diseases.** Each case of a reportable disease is required to be reported to the Iowa Department of Public Health, Lucas State Office Building, 321 E. 12th Street, Des Moines, Iowa 50319-0075, in a manner specified by this chapter.

**1.4(1) Who is required to report communicable and infectious diseases.**

2. Health care providers, hospitals, clinical laboratories, and other health care facilities are required to report cases of reportable communicable and infectious diseases. Health care providers and hospitals are exempted from reporting communicable and infectious disease laboratory results if the health care provider or hospital ensures that the laboratory performing the analysis provides a report containing the required information to the department.

## Iowa Administrative Rule change effective July 3, 2013

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From: CMS\_AISStates@brilliant.com [mailto:CMS\_AISStates@brilliant.com]  
 Sent: Thursday, November 21, 2013 2:34 PM  
 To: Lunsford, Rachele A  
 Subject: Update to CMS FAQs

Please review the new and updated FAQs that have been posted on the [CMS.gov](http://cms.gov) FAQs Website. New FAQs:

- If an eligible hospital (EH) or critical access hospital (CAH) does not have any reportable lab results during the EHR reporting period (for example, the EH or CAH outsources all lab testing to a commercial lab or does not perform any lab tests for conditions that are reportable in their jurisdiction) can they be excluded from the requirement in the Electronic Health Records (EHR) Incentive programs to submit reportable lab results to a public health agency?  
<https://questions.cms.gov/reps/faq.php?faqId=9204>
- If a hospital operates in a jurisdiction where a public health agency (PHA) has the ability to accept certain reportable laboratory results electronically, and in the required standards, but the hospital does not generate those particular reportable laboratory results, how must the hospital attest to the core measure for Electronic Reportable Laboratory Results?  
<https://questions.cms.gov/ens/faq.php?faqId=9206>

<https://questions.cms.gov/faq.php?faqId=9204>  
<https://questions.cms.gov/faq.php?faqId=9206>

### CMS MU FAQs re: ELR Objective

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### Electronic Laboratory Reporting Checklist

✓ Action Step	Party that takes this step	How?	IDPH Contact Information
Enroll with IHN	Hospital / Laboratory Rep	Complete IHN Participation Agreement (see link #1 below)	<a href="mailto:health@idph.iowa.gov">health@idph.iowa.gov</a>
Register for the smartLab	Hospital / Laboratory Rep	Complete smartLab Registration (see link #2, below)	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Verification Letter sent	IDPH ELR Team	Meaningful Use verification letter e-mailed from IDPH to hospital	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
smartLab credentials provided	IDPH ELR Team	smartLab credentials e-mailed to registered smartLab users, respectively	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Transport Prep	IHN vendor (through IDPH ELR Team)	IHN vendor will contact hospital/lab transport contact	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
smartLab Just in Time Training (optional)	IDPH ELR Team & Hospital/Lab ELR team	IDPH ELR Team coordinates webinar	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417

### IDPH ELR Checklist (part 1)

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Mapping local codes to IDPH smartLab code set	Hospital / Laboratory Rep	Login to smartLab & map hospital/laboratory codes for Tests, Results, and vocabularies (race, ethnicity, specimen type, etc.) by the IDPH code set	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Message Construction	Hospital/Laboratory/Vendor	Facility-specific	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Message testing (message structure variation)	Hospital/Laboratory/Vendor	Facility-specific (see link #3 below for message specifications)	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Engage Request	Hospital/Laboratory/Vendor	Contact IDPH	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Mapping Review	IDPH ELR Team	Review Mapping	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Test Message Review	IDPH ELR Team	Review latest Test Message in smartLab	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
End-to-End testing	IDPH ELR Team & Hospital/Lab ELR team	System-to-system test	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Dual Reporting	Hospital Lab/Infection Prev.	Traditional reporting & ELR for specified # weeks (may vary by facility). Scheduled date/time agreed by both parties	<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417
Transition to Production	IDPH ELR Team & Hospital/Lab ELR team		<a href="mailto:ELR@idph.iowa.gov">ELR@idph.iowa.gov</a> John Satri (515)229-0417

### IDPH ELR Checklist (part 2)

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- Implementing ELR consists of 2 parts
  - Transporting the Message
    - Web Services
    - Virtual Private Network (VPN)
    - Direct Secure Messaging
  - Constructing the Message
    - HL7 format provides the structure
    - Standard Codes provide much of the content (LOINC, SNOMED, HL7 vocabulary)

### The Two Parts of ELR

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### GENERIC NAMES FOR SOFT DRINKS BY COLLEITY

Most Popular Term Used

0% - 10%  
 10% - 20%  
 20% - 30%  
 30% - 40%  
 40% - 50%  
 50% - 60%  
 60% - 70%  
 70% - 80%  
 80% - 90%  
 90% - 100%  
 No Data

Map by Matthew J. Campbell  
 Senior Director and Analyst Lab  
 Department of Laboratory and Infection  
 Control (IDPH) Iowa Department of Public Health  
 Map Vocabularies courtesy of www.noripedia.com  
 Reproduced through March 1, 2009

### The Vocabulary Dilemma

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### Mapping

Organization: SubResource - SubResource

Organization (LOINC List)

LOINC Code	LOINC Name	Local Code	Local Description	Units
10000-0	Biological Identifier - (Pop. -) - (Sex -) - (Age -) - (Race -) - (Ethnicity -) - (Religion -) - (Marital Status -) - (Occupation -) - (Education -) - (Income -) - (Religion -) - (Marital Status -) - (Occupation -) - (Education -) - (Income -)			0000
10000-0	Biological Identifier - (Pop. -) - (Sex -) - (Age -) - (Race -) - (Ethnicity -) - (Religion -) - (Marital Status -) - (Occupation -) - (Education -) - (Income -)			0000
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### The smartLab & Translation

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**The Transport**  
Web Services  
Virtual Private Network  
Direct Secure Messaging

smartLab  
IDSS  
HIV

**The Big Picture**

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- 118 Iowa hospitals
  - Over 90 represented in 34 smartLab registrations
  - 10 hospitals are actively testing against smartLab
  - Engaged with 1 hospital
- State Hygienic Laboratory
  - Submits 30-40% lab results reaching IDSS annually
  - In ELR production since March 2010
  - Chief IDPH data exchange partner in learning ELR

**Current ELR status**

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515.229.0417

**Questions**

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