

The Office of the National Coordinator for
Health Information Technology



JOINT PUBLIC HEALTH FORUM & CDC
NATIONWIDE WEBINAR

AUGUST 28, 2019

Putting the **I** in Health **IT** 
www.HealthIT.gov

[HTTPS://WWW.CDC.GOV/EHRMEANINGFULUSE/JOINT-PUBLIC-HEALTH-FORUM—CDC-NATIONWIDE.HTML](https://www.cdc.gov/ehrmeaningfuluse/joint-public-health-forum-cdc-nationwide.html)

Public Health and Promoting Interoperability Programs (formerly, known as Electronic Health Records Meaningful Use)

CDC > Meaningful Use > Connect with Others > Meaningful Use Community



Meaningful Use

Introduction

Calendar

Connect with Others

CDC Meaningful Use ListServ

Meaningful Use Community

Public Health – EHR Vendors
Collaboration Initiative

**Joint Public Health Forum & CDC
Nationwide**

Centers for Disease Control and
Prevention (CDC) Public Health (PH)
Interoperability Task Force

Community of Practice (CoP)

ELR Task Force

Jurisdiction Meaningful Use
Websites

S & I Framework

Reportable Conditions Knowledge
Management System

External Links

Frequently Asked Questions

Joint Public Health Forum & CDC Nationwide

In Focus

The documents/presentations posted on this website and its sub-pages were current at the time it was published or uploaded onto the web.

Federal policy changes frequently so links to the source documents have been provided within the document/presentation for your reference, where available.

The documents/presentations posted on this website were prepared as a service to the public and are not intended to grant rights or impose obligations.

These presentations may contain references or links to statutes, regulations, or other policy materials. The information provided is only intended to be a general summary. It is not intended to take the place of either the written law or regulations.

We encourage readers to review the specific statutes, regulations, and other interpretive materials for a full and accurate statement of their contents.

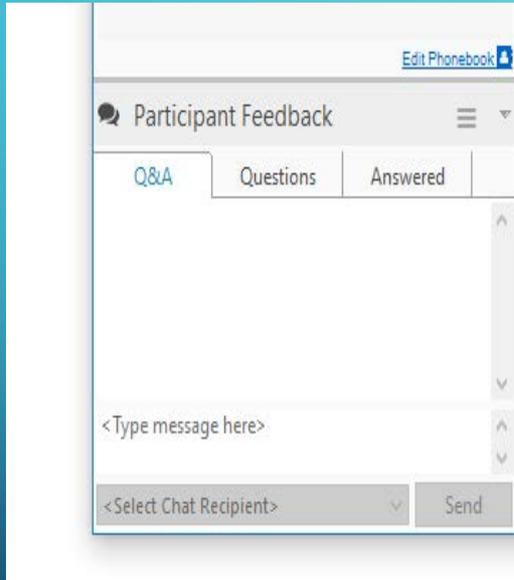
Community Profile

The Office of the National Coordinator for Health IT (ONC) and the Centers for Disease Control & Prevention (CDC) jointly sponsor this initiative, which features monthly webinars to foster collaboration amongst the public health jurisdictions across the nation, in response to the widespread adoption of electronic health records (EHRs) for Meaningful Use.

The objectives for this initiative include:

- Identify common questions and concerns around meaningful use
- Provide updates on federal partner activities in preparing for meaningful use
- Allow public health jurisdictions to share useful practices and current progress
- Identify technical assistance needs and priorities

QUESTION AND ANSWER SESSION HOW TO SUBMIT OR ASK QUESTIONS IN READY TALK FOR THE PANEL MEMBERS?



Submit or Ask Questions

Submit your text question and comments using the Question Panel

Please raise your hand to be unmuted for verbal questions.



The Office of the National Coordinator for
Health Information Technology

Interoperability Standards Advisory (ISA) Review and Comment Process

A presentation for the Public Health Community

Daniel Chaput
Office of Technology, ONC
August 29, 2016



Session Objectives

- To understand the purpose of the ISA
- To understand how the ISA relates to rule making
- To understand why there is a comment period, and why comment can be accepted any time

What is the ISA?

- A single, public list of the standards and implementation specifications that can best be used to address specific interoperability needs.
- Reflects the results of ongoing dialogue, debate, and consensus among industry stakeholders.
- Documents known limitations, preconditions, and dependencies as well as other helpful information.
- Serves as an informational resource, is non-binding and does not create or confer any rights or obligations for or on any person or entity.

Who uses the ISA and how?

- Stakeholders who administer government and non-governmental procurements, testing, certification or grant programs to look first to the ISA to meet their interoperability needs.
- Developers of health IT to look first to the ISA for available and appropriate standards/implementers specifications to support interoperability efforts.
- Implementers and users of health IT products to ensure purchased products include standards that support their specific interoperability needs
- The ISA and their associated informative characteristics are also available to help more fully inform policy and implementation efforts, including limitations, dependencies or preconditions for use.

Ongoing Process

- The web-based version of the [ISA](#) can be updated throughout the year, as new comments from stakeholders come in or as changes occur
- AS call for review and comments occurs in late Summer timeframe
- ONC publishes a static “[Reference Edition](#)” of the ISA (PDF) each December.
 - » This static version can be referenced in contracts, agreements, or as otherwise needed with certainty that the information will not change.

Annual review & preparation of the reference edition

- The 2019 annual comment and review period is now open. Please review the ISA site and provide feedback by no later than September 23rd at 11:59pm ET for consideration.
- Comment at: <https://www.healthit.gov/isa/>

Optimizing the ISA process for public health

- Keep it actionable
- Avoid comments on the details within any standard
 - » These belong back in the standard development processes
- General comments
 - » The more detail the better!
- Avoid the general “we like all this stuff” comment
 - » We appreciate your support, but for the ISA this is not actionable. Remember this is not rule making.

High Level ISA Structure (1)

- Introduction
- Section I: Vocabulary/Code Set/Terminology Standards and Implementation Specifications
- Section II: Content/Structure Standards and Implementation Specifications
- Section III: Standards and Implementation Specifications for Services/Transport/Exchange
- Section IV: Administrative Standards and Implementation Specifications
- Under each section, there may be additional subsections/categories

High Level ISA Structure – Appendices (2)

- **Sources for Security Standards/Security Patterns, Models and Profiles**
- **Educational/Informational Resources**
- **State and Local Public Health Readiness for Interoperability**

Where do I find public health related information?

Section I: Vocabulary/Code Set/Terminology Standards and Implementation Specifications

Immunizations

Representing Immunizations - Historical

Representing Immunizations - Administered

Section II: Content/Structure Standards and Implementation Specifications

Public Health Reporting

Case Reporting to Public Health Agencies

Data Submission for Title X Family Planning Annual Reporting

Electronic Transmission of Reportable Lab Results to Public Health Agencies

Exchanging Immunization Data with Immunization Registries

Reporting Antimicrobial Use and Resistance Information to Public Health Agencies

Reporting Birth and Fetal Death to Public Health Agencies

Reporting Cancer Cases to Public Health Agencies

Reporting Death Records to Public Health Agencies

Reporting Newborn Screening Results to Public Health Agencies

Reporting Syndromic Surveillance to Public Health (Emergency Department, Inpatient, and Urgent Care Settings)

Sending Health Care Survey Information to Public Health Agencies

Section III: Standards and Implementation Specifications for Services

Public Health Exchange

Transport for Immunization Submission, Reporting

Section IV

Functional Profiles

Interoperability for Public Health Services

Enable Interoperability for Nutrition Care



Appendix II - Models and Profiles

ISA Content

- Characteristics and other helpful information for each standard and implementation specification listed for each interoperability need
 - » Standards Process Maturity
 - » Implementation Maturity
 - » Adoption Level
 - » Federally Required
 - » Cost
 - » Test Tools
 - » Limitations, Dependencies, Preconditions and Other Qualifying Information
 - » Applicable Value Set(s) and Starter Set(s) and Security Patterns
- Appendixes for “Sources for Privacy and Security Standards” and Educational / Informational Resources

ISA Content (continued)

Interoperability need: [Descriptive Text]						
Standard Implementation/Specification	Standards Process Maturity	Implementation Maturity	Adoption Level	Federally Required	Cost	Test Tool Availability
Standard	Final	Production	●●●●○	No	Free	No
Standard for observations	Final	Production	●●●●○	Yes	Free	Yes
Standard for observation values	Final	Production	●●●●○	No	Free	Yes
<i>Emerging Standard</i>	<i>Balloted Draft</i>	Pilot	●○○○○	No	Free	No

- Standards Process Maturity: Final, Balloted Draft, In Development
- Implementation Maturity: Production, Pilot
- Adoption level: Blended index, an approximation
- Federally required: Yes/no – a broad definition, not limited to CMS incentive programs (e.g. “meaningful use”)
- Details can be found at: https://www.healthit.gov/isa/#isa_structure

ISA Content (continued)

Type	Standard / Implementation Specification	Standards Process Maturity	Implementation Maturity	Adoption Level	Federally required	Cost	Test Tool Availability
Standard	HL7 Clinical Document Architecture (CDA®), Release 2.0, Final Edition ↗	Final	Production	●●●●●	Yes ↗	Free	No
Implementation Specification	Implementation Guide for Ambulatory Healthcare Provider Reporting to Central Cancer Registries, August 2012 ↗	Final	Production	●●○○○	Yes ↗	Free	Yes ↗
Implementation Specification	HL7 CDA® Release 2 Implementation Guide: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, Release 1, DSTU Release 1.1 – US Realm ↗	Balloted Draft	Production	●○○○○	Yes ↗	Free	Yes ↗
Implementation Specification	North American Association of Central Cancer Registries, Inc. (NA ACCR), Standards for Cancer Registries, Volume V, Pathology Laboratory Electronic Reporting, Version 4.0, published April 2011 ↗	Final	Production	Feedback Requested	No	Free	No
Emerging Implementation Specification	IHE Quality, Research, and Public Health Technical Framework Supplement, Structured Data Capture, Trial Implementation ↗	Balloted Draft	Pilot	●○○○○	No	Free	No

ISA Content (continued)

Limitations, Dependencies, and Preconditions for Consideration	Applicable Value Set(s) and Starter Set(s)
<ul style="list-style-type: none">Stakeholders should refer to the health department in their state or local jurisdiction to determine onboarding procedures, obtain a jurisdictional implementation guide if applicable, and determine which transport methods are acceptable for submitting cancer reporting data as there may be jurisdictional variation or requirements. Some jurisdictions may not support cancer case reporting at this time.Note that the NAACCR specification listed has not been vetted through a Voluntary Consensus Standards Body (VSCB), however it references the HL7 V 2.5.1 standard and LOINC, and has been sponsored by a number of organizations working in the cancer registry space.See CDA and IHE projects in the Interoperability Proving Ground.	<ul style="list-style-type: none">Secure Communication – create a secure channel for client-to-server and server-to-server communication.Secure Message Router – securely route and enforce policy on inbound and outbound messages without interruption of delivery.Authentication Enforcer – centralized authentication processes.Authorization Enforcer – specifies access control policies.Credential Tokenizer – encapsulate credentials as a security token for reuse (e.g., – SAML, Kerberos).Assertion Builder – define processing logic for identity, authorization and attribute statements.User Role – identifies the role asserted by the individual initiating the transaction.Purpose of Use - Identifies the purpose for the transaction.

Adoption Level

- A subjective measure that considers many factors: whether and/or how long a standard or implementation specification has been included in regulation for health IT certification; feedback from subject matter experts; and public comments.

<i>"Feedback Requested"</i>	Indicates that we do not have a known status for the current level of adoption in health care.
● ○ ○ ○ ○	Indicates low adoption.
● ● ○ ○ ○	Indicates low-medium adoption.
● ● ● ○ ○	Indicates medium adoption.
● ● ● ● ○	Indicates medium-high adoption.
● ● ● ● ●	Indicates high or widespread adoption.

Next steps - commenting

- Think about
 - » What is missing?
 - » What needs to be updated?
 - » What is extraneous?
 - » Can we find a uniform way to present?
- How shall public health comment
 - » Collaborate on a consensus response using a process to be determined
 - » Respond as associations
 - » Respond as individuals
- Comment here in chat, Task Force for Promoting PH interoperability

A quick look at the ISA

- A bit of a live demo!

Questions

- Dialogue and answers



Find the ISA at:
<https://www.healthit.gov/ISA>

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