



Meaningful Use 101

AIRA

October 26, 2015

Communicate with public health agencies

Objective ¹	Ambulatory Measure	Hospital Measure
Immunization Registries ²	≥ 1 test of submission to state immunization registry (unless no registries are capable) with continued submission if successful (y/n)	≥ 1 test of submission to state immunization registry (unless no registries are capable) with continued submission if successful (y/n)
Reportable Lab Results ² (ELR)	N/A	≥ 1 test of submission to public health (unless no ph agency is capable) with continued submission if successful (y/n)
Syndromic Surveillance ²	≥ 1 test of submission to public health (unless no ph agency is capable) with continued submission if successful (y/n)	≥ 1 test of submission to public health (unless no ph agency is capable) with continued submission if successful (y/n)

1. Unless an EP, eligible hospital or CAH has an exception for all of these objectives and measures they must complete at least one in this group as part of their demonstration of a meaningful use to be eligible for incentives.
2. Public health agencies may specify how to test the data submission and to which specific destination

Stage 2 Meaningful use (Classic)

Objective	Ambulatory Measure	Hospital measure
Immunization Registries	Ongoing Submission to Public Health Authority (Core)	Ongoing Submission to Public Health Authority (Core)
Reportable Lab Results (ELR)	N/A	Ongoing Submission to Public Health Authority (Core)
Syndromic Surveillance	Ongoing Submission to Public Health Authority (Menu)	Ongoing Submission to Public Health Authority (Core)
Cancer Registries	Ongoing Submission to Public Health Authority (Menu)	N/A
Specialized Registry	Ongoing Submission to Public Health Authority or National Specialty Society (Menu)	N/A

Mod Rule: Measures for Objective 10

PUBLIC HEALTH AND CLINICAL DATA REGISTRY REPORTING OBJECTIVE

Measure	Maximum times measure can count towards objective for EP	Maximum times measure can count towards objective for eligible hospital or CAH
Measure 1 – Immunization Registry Reporting	1	1
Measure 2 – Syndromic Surveillance Reporting	1	1
Measure 3 – Case Reporting (Dropped)		
Measure 4 - Public Health Registry Reporting Measure 5 - Clinical Data Registry Reporting (Now Specialized Registries Includes Cancer for EP)	2	3
Measure 6 - Electronic Reportable Laboratory Results	n/a	1

Stage 3: Measures for Objective 8

PUBLIC HEALTH AND CLINICAL DATA REGISTRY REPORTING OBJECTIVE

Measure	Maximum times measure can count towards objective for EP	Maximum times measure can count towards objective for eligible hospital or CAH
Measure 1 – Immunization Registry Reporting	1	1
Measure 2 – Syndromic Surveillance Reporting	1	1
Measure 3 – Case Reporting	1	1
Measure 4 - Public Health Registry Reporting	3	4
Measure 5 - Clinical Data Registry Reporting	3	4
Measure 6 - Electronic Reportable Laboratory Results	n/a	1

We do not intend to inadvertently penalize providers for their inability to meet measures that were not required under the previous stages of meaningful use. Nor did we intend to require providers to engage in new activities during 2015, which may not be feasible after the publication of the final rule in order to successfully demonstrate meaningful use in 2015.

In the final rule at 80 FR 62788, we discuss our final policy to allow for alternate exclusions and specifications for certain objectives and measures where there is not a Stage 1 measure equivalent to the Modified Stage 2 (2015 through 2017) measure or where a menu measure is now a requirement. This includes the public health reporting objective as follows.

First, EPs scheduled to be in Stage 1 may attest to only 1 public health measure instead of 2 and eligible hospitals or CAHs may attest to only 2 public health measures instead of 3.

Second, we will allow providers to claim an alternate exclusion for a measure if they did not intend to attest to the equivalent prior menu objective consistent with our policy for other objectives and measures as described at 80 FR 62788.

We will allow Alternate Exclusions for the Public Health Reporting Objective in 2015 as follows:

EPs scheduled to be in Stage 1: Must attest to at least 1 measure from the Public Health Reporting Objective Measures 1-3

- May claim an Alternate Exclusion for Measure 1, Measure 2 or Measure 3.
- An Alternate Exclusion may only be claimed for up to two measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(i)(C).

EPs scheduled to be in Stage 2: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-3

- May claim an Alternate Exclusion for Measure 2 or Measure 3 (Syndromic Surveillance Measure or Specialized Registry Reporting Measure)

Eligible hospitals/CAHs scheduled to be in Stage 1: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-4

- May claim an Alternate Exclusion for Measure 1, Measure 2, Measure 3 or Measure 4
- An Alternate Exclusion may only be claimed for up to three measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(ii)(C).

Eligible hospitals/CAHs scheduled to be in Stage 2: Must attest to at least 3 measures from the Public Health Reporting Objective Measures 1-4

- May claim an Alternate Exclusion for Measure 3 (Specialized Registry Reporting Measure)



Meaningful Use Technical Assistance

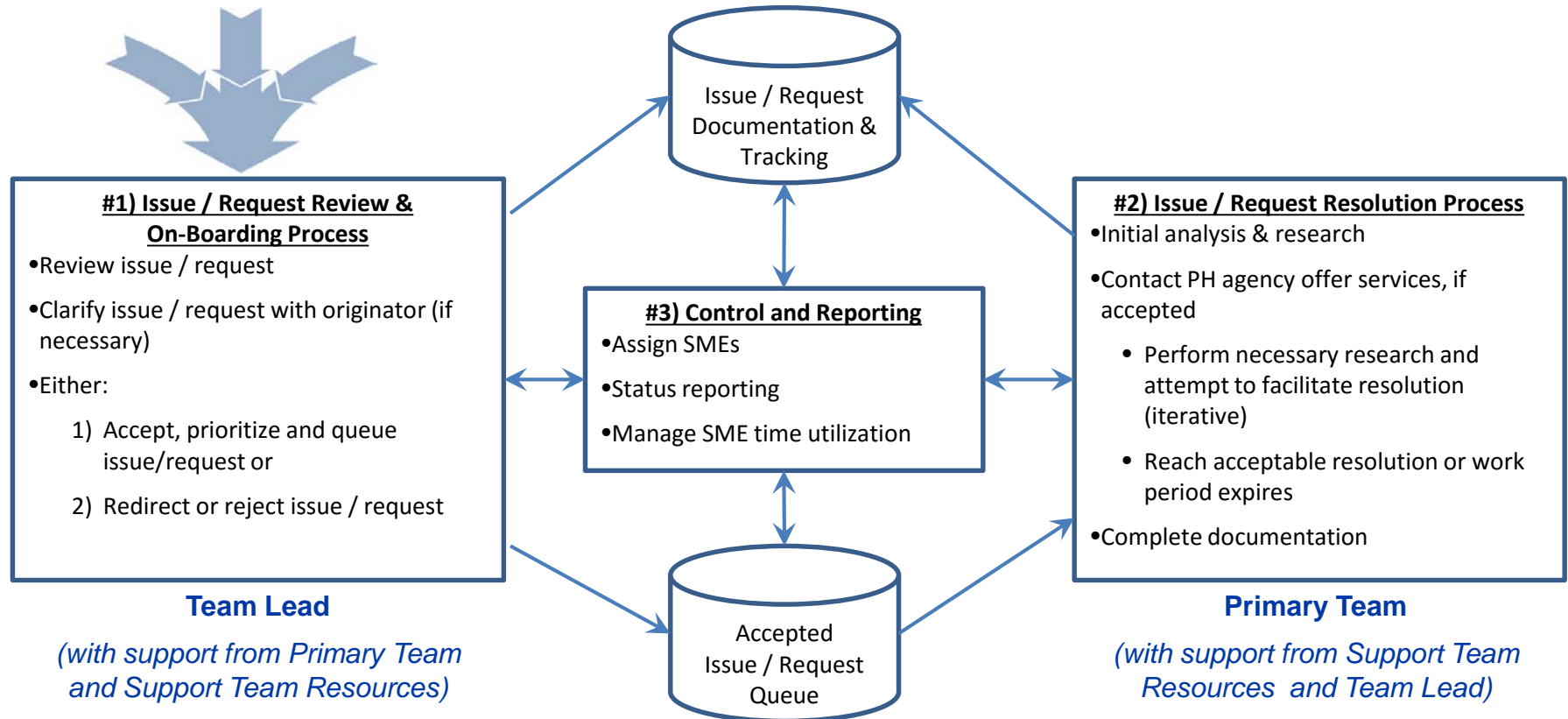
Meaningful Use Public Health Technical Assistance Team

Assist in resolving issues and problems preventing successful achievement of the Meaningful Use public health objectives

- Provide focused policy and technical expertise
- Identify successful methods used to resolve similar issues
- Rapidly resolve misunderstandings and simple problems
- Document and learn from the real problems occurring the field

Note issues may originate with providers, EHR vendors, public health jurisdictions or other stakeholders

MU PH Related Issues /
Problems / Requests
from Multiple Sources



MU Technical Assistance Team – sample issues resolved

- EP using a vendor's product was not populating Provider ID information in the immunization message which was not acceptable to the immunization registry.
 - Facilitated discussion between the state DOH, registry, and vendor resulting in an interim solution for testing and vendor's commitment to address issue in the next release of the product.
- State DOHs challenged to support MU testing and on-boarding of providers / hospital to initiate data submission.
 - Suggested use of Registration of Intent to allow providers to meet measure while DOH prioritized providers
- Hospital missing certified technology module necessary to submit data to PH.
 - Facilitated discussion between hospital, state DOH, REC, and HIE to identify an option for the hospital to use certified technology available through the HIE to submit data to PH.

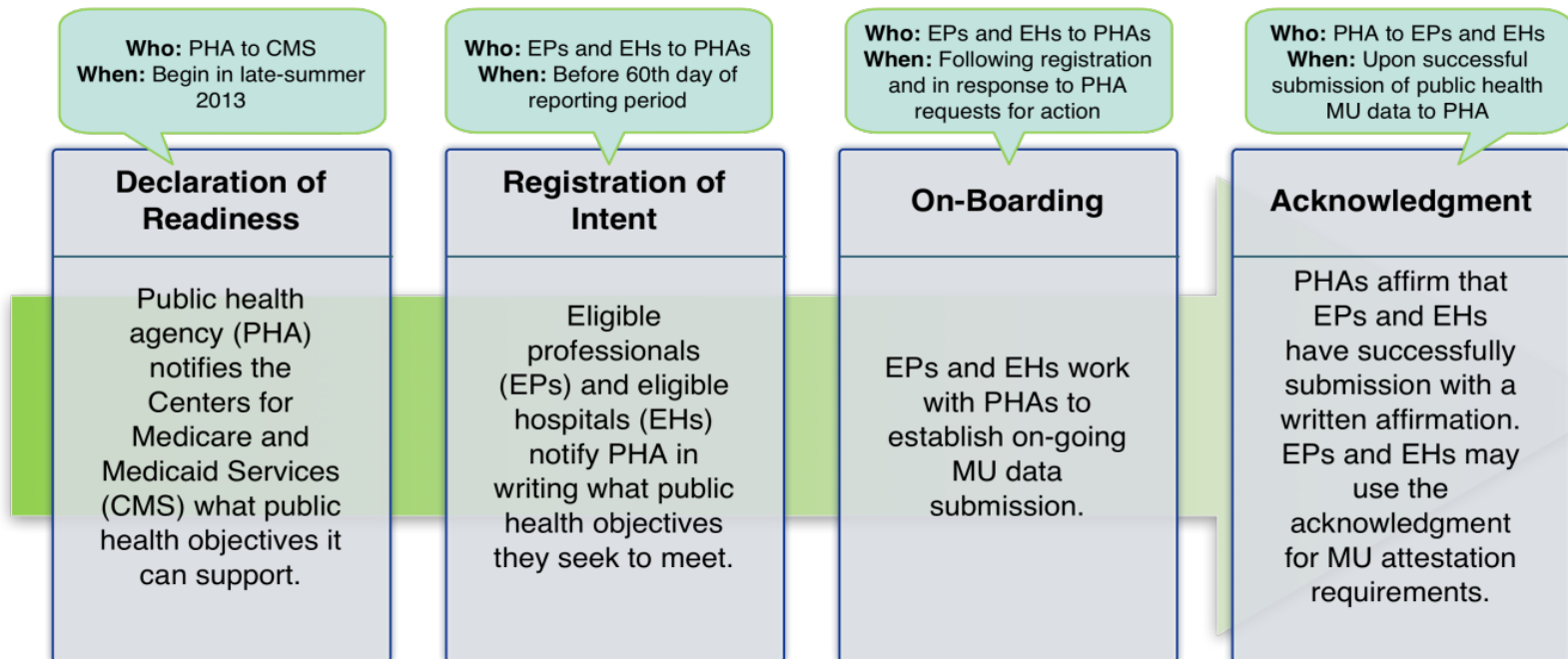
To request technical assistance from the MU PH TA team, send an email to the CDC Meaningful Use Mailbox (meaningfuluse@cdc.gov) with “Request for Technical Assistance” in the Subject line.

Please include a detailed description of the issue or problem and your contact information.



Active Engagement

Public Health Processes for Stage 2 MU



- Declare on your own website capacity to accept data
- Detailed - types of providers, size, etc
 - Avoid requests for letters of exclusion
 - Note providers to use website for audit documentation
- Mod rule/Stage 3: six months prior to start of reporting period
- Note CMS Repository may be future requirement

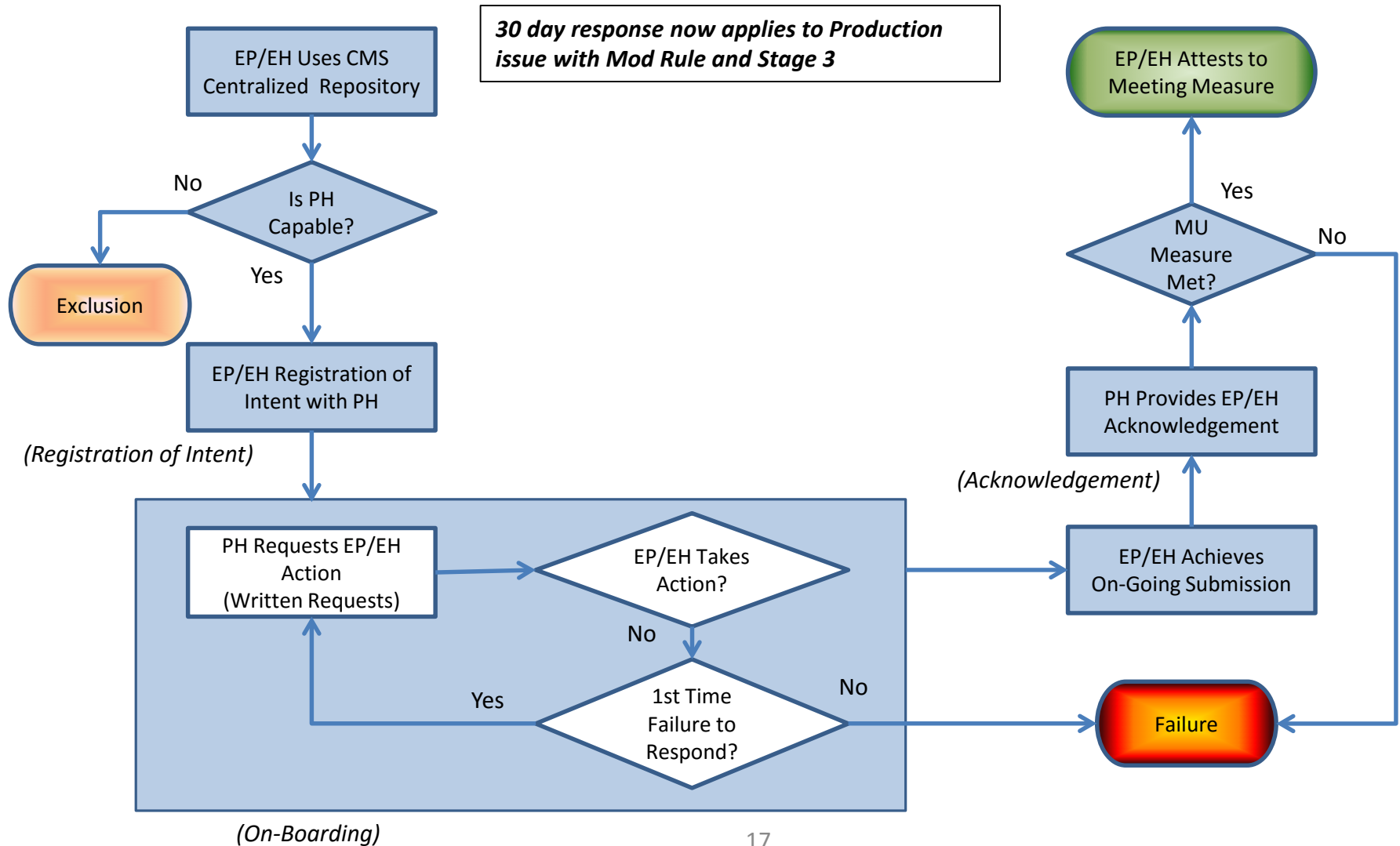
PHAs must have a process and/or system established to accept provider registrations

- Determine what information the PHA should capture during registration
- Method for provider to confirm registration was successful (Provider's documentation for pre-payment attestation)
- Only need to register once; registration from previous years carry over if they have not moved into production

PHAs will onboard Providers that register their intent to submit data for the MU objectives. Separate onboarding is required for each MU objective.

- PHA prioritize Providers that register
- PHA invites Provider to begin testing and validation
- PHA and Provider engage in data testing and validation
- After successful testing and validation Provider initiates ongoing submission

Onboarding



PHAs provide written communications affirming Providers are able to submit relevant public health data to the PHA (Provider achieved ongoing submission). The Providers use this written communication to support their attestation.

Examples of written communications include, but are not limited to:

- Email sent to provider
- Letter mailed to provider
- HL7 Acknowledgement Messages from Immunization/Syndromic submissions
- Posting information on PHA website

Provide at end of calendar year for audit purposes for provider

- Date registered
- Dates requests for action sent (onboarding/production)
- Dates requests resolved



Jurisdictional Variation for Public Health Measures

What does CEHRT mean?

- ONC develops test procedures for each PH Measure
 - Testing done by certified test labs
- Scenarios for each public health measure
 - Test data
 - Expected outcome
- Give EHR Test data/Look for appropriate results
- Based on referenced IG
 - Tests only R and RE fields (not O)

NIST Test messages consumed by jurisdictional registry (n=30)

- 9 jurisdictions passed messages
- 21 jurisdictions returned errors
 - 8 have major issues that need to be addressed

- Ex: Address field treated as R instead of RE
 - Vendor product certified for function
 - Training on provider use of certified HER
 - Provider should have address
 - Does not violate HL7 Guide
 - Action: No needed action

- Ex: Dose amount recorded incorrectly
 - Should be amount (numeric) and units (text) in separate fields; some jurisdictions asking for number of adult doses vs. number of pediatric doses
 - Certified product would not have capacity
 - Violates HL7 Guide
 - Action: jurisdiction should make changes to receiving system

Types of Errors: Legitimate Business Need

- Ex: Insurance information: R instead of O
 - Vendor product not certified for function
 - Jurisdiction requires in order to charge insurance for doses administered
 - Does not violate HL7 Guide
 - Action: Ensure these issues still follow HL7 Guide

- Update HL7 Implementation Guide
 - Could address issues like insurance (change from O to RE)
- Consider interim certification criteria based on updated IG
- Standardize SOAP WSDL Usage



ONC/CDC Pilots – Cross Jurisdictional Data Exchange and Consumer Access to IIS

Current IIS Data Exchange

- Limited exchange across jurisdictions
- This exchange is currently done point-to-point; mainly batch files; not real time

ONC Initiative

- Pilot states will transfer data via a data hub with partner jurisdictions
- Pilot states will use an adapted version of the CDC Web Services Definition Language (WSDL)
- Pilot states will use the HL7 Immunization Implementation Guide V1.5 (HL7 2.5.1 IZ IG V1.5)

Future?

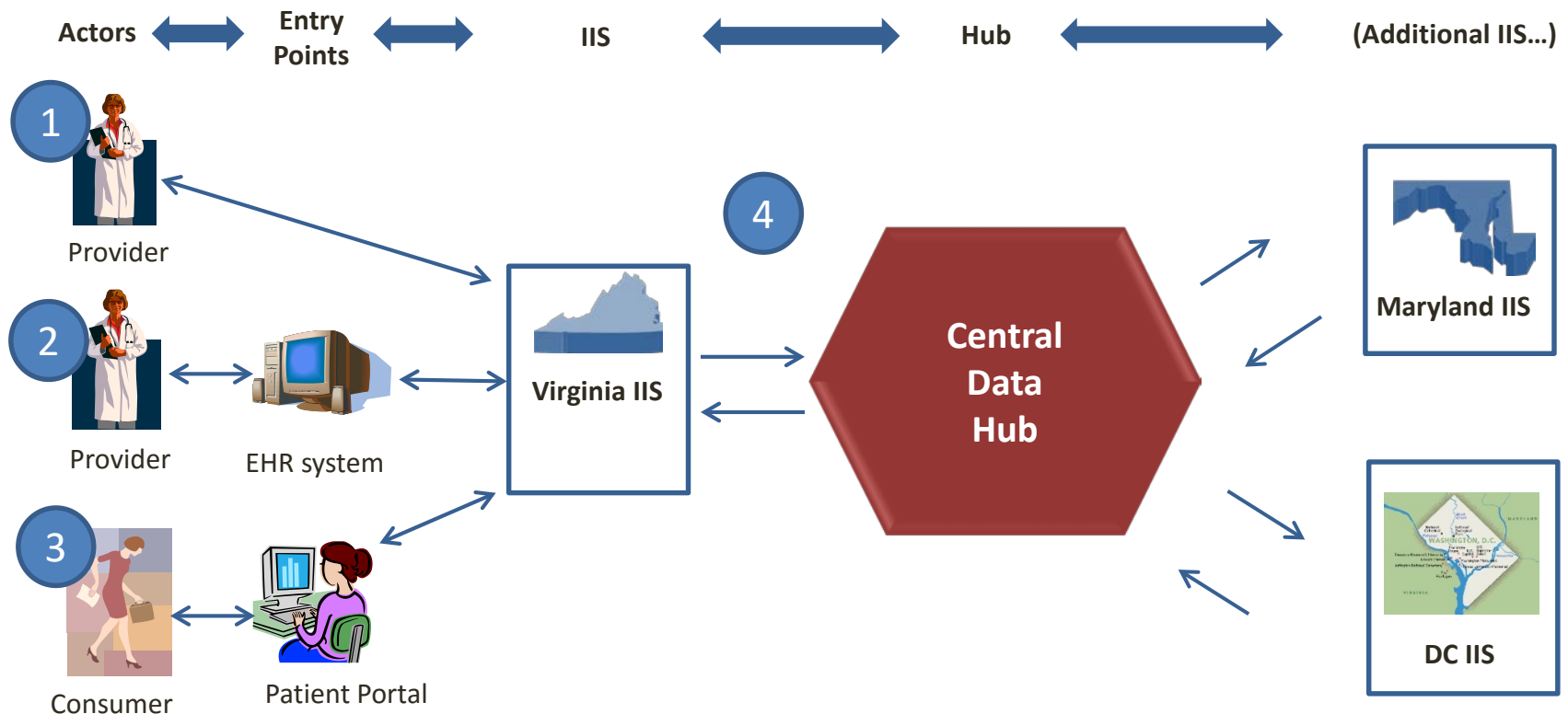
- All IIS will interface with the hub and exchange data with all other IIS
- All IIS will use the adapted CDC WSDL and HL7 IZ IG V1.5

Advantage of HUBsolution:

- Promotes use of adapted CDC WSDL and HL7 IZ IG V1.5 which will drive interoperability
- Will improve use of bidirectional querying by IIS
- Scalable solution
 - More IIS can easily be added to the hub
 - IIS will be able to theoretically communicate with any other IIS on the hub

IIS Data Exchange Use Case Diagram

Use Case Objective: For an Immunization Information System (IIS) to respond to a transaction that contains current or historical addresses that are outside its jurisdiction by triggering a QBP or VXU to the other jurisdiction's IIS.



- Five pilot states
- Consumer portal communicates with IIS
 - Bi-directional standards
- Policy Issues
 - Provider Education
 - Patient Authentication
- Marketing as well as technology solution

[Program Name] gives you quick, easy and secure online access to your family's immunization records. It's ideal for:

- Proof of immunization for school or camp registration
- Seeing a new healthcare provider
- Tracking boosters and yearly vaccines, like the flu shot
- Managing immunization records for an elderly parent
- Preparing for foreign travel or moving to another country
- Being prepared in case of emergency

FOR OFFICE USE ONLY
Temporary Password/PIN:

Sign up today... it's easy!
Call or visit us online today:

000-000-0000
ProgramName.com

LOGO HERE



The above information on this letter, please visit health.gov/immunization. The above logos, trademarks, and the Blue Button logo, and the Blue Button Connected logo are registered Service Marks of the U.S. Department of Health and Human Services.

You need an easy way to access your family's immunization records.



Getting started is as easy as 1-2-3. All you need to do is:

1. **Register.** Complete a [Program Name] enrollment form online or at your healthcare provider's office.
2. **Request.** Your healthcare provider approves your request and sets up the account while you're at their office.
3. **Review.** Log in as soon as possible and activate your account. You'll have immediate access to your family's immunization records to view, download or print as often as you need.

Now you can manage your family's immunization records online. When you sign up for [Program Name], you can use any trusted computer to view your up-to-date immunization records. You can also download or print an official copy. Why use [Program Name]?

It's easy.

Gaining access to your immunization records is simple. Just complete a [Program Name] enrollment form online or at your healthcare provider's office. Your healthcare provider then creates your account and, if you have not already set up your password, provides you with a temporary password/PIN. Log in as soon as possible to activate your account. You'll have immediate access to your family's immunization records. Best of all, you only need one login ID and password to access immunization records for your entire family.

It's convenient.

You may not need your immunization records often, but when you do, [Program Name] enables you to effortlessly download and print official copies as you need them, without an extra trip to your healthcare provider's office. Whether you're registering kids for kindergarten or summer camps, moving them into a new school district, seeing a healthcare provider for the first time, applying for state support such as WIC, or just wanting more control over your family's health records, [Program Name] has you covered.

It's secure.

Accounting your immunization records through [Program Name] is just as private and secure as banking or paying bills online. What makes [Program Name] so secure? First, you create your own password. This means that only you and those you choose to share it with can access your family's immunization records. Second, no other personal information is available through the tool. Your information is protected.

Provider Frequently Asked Questions

• What is [Program Name]?

[Program Name] gives patients access to their own and their family members' immunization records, and allows them to download and print official copies to satisfy the requirements of schools, camps, state agencies, employers and others who require proof of immunization.

• What are the goals of [Program Name]?

[Program Name] aims to reduce the administrative burden of immunization records requests for you and your staff, improve immunization rates and empower patients to take greater control over their health.

• How does [Program Name] work?

[Program Name] is a consumer portal that connects with [State Name]'s immunization information system. The program allows patients to view and print official copies of their immunization records.

• Does [Program Name] provide official immunization records?

The immunization records provided by [Program Name] are official certificates that can be used to satisfy requirements by schools, camps, employers and others who require proof of immunization.

• How much will it cost patients to use [Program Name]?

[Program Name] is free for your patients and providers.

• What is your role in [Program Name]?

Your practice is vital to the success of [Program Name]. Your role includes educating consumers and creating awareness of [Program Name], communicating the benefits of using [Program Name] to access immunization records and approving patients' initial account requests.

• Is it easy to register patients in [Program Name]?

Registering patients in [Program Name] is a simple, one-time process that generally takes less than two minutes. Your office reviews and approves the application during the visit, matches records from the state immunization information system and provides each patient with a program user guide.

• Can my patients pre-register for [Program Name]?

Yes, patients may start the enrollment process online and your office can simply review and complete the application during the visit.

• How long will it take to activate a patient's account?

Activating a [Program Name] account is a two-step process that takes just minutes for you and your patients. First, your office reviews and approves the application during the visit. If the patient has not enrolled in advance, your office provides a secure, temporary password/PIN and a program user guide. Then the patient logs in at home or elsewhere and activates the account. The patient then has immediate access to family immunization records. —OVER—

Technical Support Hotline 000-000-0000

Provider Frequently Asked Questions, continued

• How soon will a patient be able to see their updated records following an immunization?

The timeframe will vary depending on how frequently your office updates the state immunization information system. As soon as the immunization data has been moved into the system, it will be displayed in [Program Name].

• Can any healthcare provider use [Program Name]?

At this time, only [state registry] participants and their staff can access immunization records through [Program Name]. The state immunization program determines the eligibility of providers to participate in the program.

• What if a patient identifies an inaccuracy in their immunization records?

Patients should alert your staff to incomplete or inaccurate immunization records. Only you or your staff may update or add records in [state registry].

• Does [Program Name] keep patients' records secure?

Yes. Patients use a unique, temporary password/PIN to activate their account and set their own private password. No other personal information is available through the tool, and records can only be modified by you or your staff.

• How long do patients have to activate their account?

Patients have 10 days to log in to [Program Name] and activate their account. If they do not activate the account within 10 days, they will need to contact your office.

• Does [Program Name] work with Blue Button?

Yes. [Program Name] is Blue Button capable. Patients may use the Blue Button Connector to access the program. Blue Button is a way to get your health records electronically so you can review and share your health records to achieve your health goals. For more information please visit health.gov/bluebutton.

• What if I need help authenticating a patient account?

You and your patients may access a technical support hotline by calling [800 Number].

• Who should I contact if I have further questions on [Program Name]?

Additional information on the program is available at [URL].

Sign up today... it's easy! Call or visit us online today for additional information:
000-000-0000 • ProgramName.com

LOGO HERE



The above logos, trademarks, and the Blue Button logo, and the Blue Button Connected logo are registered Service Marks of the U.S. Department of Health and Human Services.

Technical Support Hotline 000-000-0000

Learn how your patients can easily and securely access their immunization records online.

Insert Program Logo Here



[Program Name] gives your patients access to their own and their families' immunization records.

- Reduce administrative workload for your staff.
- Empower your patients with more control over their immunization records.
- Simple, one-time enrollment process takes less than two minutes for your patients to complete!

To learn more or to participate in [Program Name], call or email [Contact Name, phone, email].

000-000-0000
ProgramName.com

I want my family's
immunization records
when I need them.



Confidently access your family's immunization records online.
ProgramName.com

web banner ad

Rx Inject more
CONTROL
into your family's
immunization records.

I access my banking online. Now I can confidently
access my family's immunization records, too.



Rx Inject more
CONVENIENCE
into your family's
immunization records.
LOGO HERE

Now you can review and print your family's official immunization records online with [Program Name]. Getting started is easy. All you need to do is:

1. **Register.** Complete a [Program Name] enrollment form online or at your healthcare provider's office.
2. **Request.** Ask your healthcare provider to approve your request and set up your account.
3. **Review.** Log in as soon as possible and activate your account. You'll have immediate access to your family's immunization records to view, download or print as often as you need.

Call or visit [Program Name] online for more information:

000-000-0000
ProgramName.com

Your vaccination
records online.
IT'S EASY.
Ask me how!

Rx Inject more
SECURITY
into your family's
immunization records.

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Call or visit [Program Name] online for more information:

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LOGO HERE

Program Name Here

[LOGO HERE]

Rx Inject more
CONVENIENCE
into your family's
immunization records.

My patients need an easy, secure way
to access their immunization records.



Rx Inject more
SOLUTIONS
into your family's
immunization records.
LOGO HERE

[Program Name] gives your patients
access to their own and their families'
immunization records.

- Reduce administrative workload for your staff.
- Empower your patients with more control over their immunization records.
- Simple, one-time enrollment process takes less than two minutes to complete!

To learn more or to participate in [Program Name],
call or email [Contact Name, phone, email].

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ProgramName.com

Questions?

James.Daniel@hhs.gov

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