

Submitting Test Files to Immunization Information Systems (IIS)

To meet meaningful use requirements for public health:

- *Medicare eligible hospitals and critical access hospitals (CAH)* need to use a certified EHR to successfully send one valid HL7 test message from their certified EHR system to a state immunization registry by 9/30/2011
- *Medicare eligible professionals (EPs)* need to use a certified EHR to successfully send one valid HL7 test message from their certified EHR system to a state immunization registry by 12/31/2011. Sites with multiple EPs need only test once.
- *Medicaid eligible hospitals, CAHs and EPs* need only adopt, implement, or upgrade an EHR system in their first year of participation.

This Meaningful Use measure is part of a menu set of measures related to improving population and public health. All EPs and hospitals must choose at least *one* of the population and public health measures to demonstrate as part of the menu set.

Menu Set:

- Demonstrate capability to submit electronic data to immunization registries
- Demonstrate capability to submit electronic data on reportable lab results
- Demonstrate capability to submit electronic syndromic surveillance data

Any RPMS facility choosing to attest for this menu set item should utilize the RPMS Immunization Package and install the IHS Immunization Interface Management software (BYIM) v. 2.0*1 or later. The BYIM software extracts immunization data from the RPMS Immunization Package and creates a batch HL7 2.3.1 export for the IIS. Contacting IIS personnel to configure your RPMS system to direct these messages is required.

The following is a list of states, by Area, and the data exchange status and ability to attest, for each. States are listed as:

EXEMPT – State does not accept HL7 messages or does not have electronic interface capability. RPMS facilities are unable to choose this measure from the menu set list and must select the lab reporting or syndromic surveillance MU measures.

MUST ATTEST – The state can accept HL7 immunization messages. All RPMS facilities choosing to attest for this measure must submit a test message to the immunization registry (IIS).

This guidance was developed by the IHS Immunization Program in conjunction with the Area MU Consultants and state IIS personnel using the best available knowledge. It is recommended that you confirm with your Area/local Meaningful Use or State CMS contacts whether attestation will be a requirement for your facility.

Aberdeen Area

All Aberdeen RPMS facilities, please inform Greg Welch, Area Immunization Coordinator and Leslye Rauth, Area CAC of any testing or data exchange activity
Greg.Welch@ihs.gov / Leslye.Rauth@ihs.gov

Iowa

IRIS – Immunization Registry Information System

- IIS does not have HL7 messaging capacity
- No Meaningful Use testing required --- EXEMPT

State contact:

Kim Tichy, BS, CHES
IRIS Coordinator
800-374-3958 Ext. 3
Tel: 515-281-4288
Fax: 800-831-6292

Email: Kimberly.Tichy@idph.iowa.gov

Nebraska – must test for Meaningful Use

NESIIS - Nebraska State Immunization Information System

- Can accept HL7 messages --- MUST ATTEST
- RPMS facilities should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Scott Benedict
NESIIS Help Desk Coordinator
Personal: 402-471-6520
Help Desk: 888-433-2510 or dhhs.nesiis@nebraska.gov

North Dakota

NDIIS – North Dakota Immunization Information System

- No Meaningful Use testing required in 2011 --- EXEMPT
- State can provide a letter indicating reason for exempt.
- Plans to launch real-time exchange with IHS by July 2012.

NDIIS Interoperability and Meaningful Use website:

<http://www.ndhealth.gov/immunize/interop/>

State contact:

Molly Sander
msander@nd.gov

South Dakota

SDIIS – South Dakota State Immunization Information System

- Can accept HL7 messages --- MUST ATTEST
- RPMS facilities should install the most current version of BYIM and notify state contact of intent to test.

Main Contact: Tammy LeBeau

Phone: 605.773.4783

Fax: 605.773.5509

E-mail: tammy.lebeau@state.sd.us

Technical Contact: Shane Speciale

Phone: 303.355.6766

Fax: 303.355.6705

Alaska Area

Alaska

VacTrAK – the Alaska Immunization Information System (IIS)

- Can accept HL7 messages --- MUST ATTEST
- Most sites are already exchanging data and should be able to attest for Meaningful Use.

For more information please contact:

Ros Singleton

ris2@cdc.gov

Albuquerque Area

Colorado

CIIS – Colorado Immunization Information System

- Can accept HL7 messages --- MUST ATTEST
- All RPMS facilities testing and implementing production data exchange in 2011.
- Ignacio and Towaoc submitted test messages, March 2001, and can attest.

IHS contact:

Marcella Begaye
(505) 248-4608

Marcella.begaye@ihs.gov

State contact:

Heather Shull
CIIS Interface Coordinator
303-692-2289
heather.shull@state.co.us

New Mexico

NMSIIS – New Mexico State Immunization Information System

- Can accept HL7 messages --- MUST ATTEST
- Test submissions conducted from the Area for all RPMS facilities. Each facility can attest after confirming test message submission with Marcella Begaye.

IHS Contact:

Marcella Begaye
(505) 248-4608

Marcella.begaye@ihs.gov

Texas

Ysleta del Sur does not administer immunizations so would not address this Meaningful Use requirement --- EXEMPT

Bemidji Area

Immunization, RPMS, Data Exchange Support Team

Lead:

Patrice Roberts, RN
Acting CAC
Coordinator for Meaningful Use & Immunization
White Earth Health Center
Office: 218-983-6250
Email: Patrice.roberts@ihs.gov

Alternate:

LCDR Leah Ferrier
IHS Red Lake Hospital
218-679-3912 Ext 294
BB 218-209-5207
Email: leah.ferrier@ihs.gov

All Bemidji RPMS facilities, please notify Patrice or Leah of any testing or data exchange activity

Illinois

I-Care - Illinois Comprehensive Automated Immunization Registry Exchange

- Interface capability under development in 2011
- Can accept HL7 messages --- MUST ATTEST
- Facility must send test message to attest, *in process*

State Contact:

Robin Holding, PMP
I-CARE Project Manager
(217)557-0021
robin.holding@illinois.gov

Michigan

MCIR – Michigan Care Improvement Registry

- Can accept HL7 messages --- MUST ATTEST
- Facilities must install the most current version of BYIM and attest

Information about the Meaningful Use incentive and how it applies to HL7 with MCIR is available online at <http://www.mcir.org/MeaningfulUse.html>

Testing for Meaningful Use with MCIR can be done at any time. If your provider organization is interested in testing for Meaningful Use, please email the following to MCIRHELP@mphi.org:

1. Organization Name and Address
2. Individual NPIs or Medicare Certification Number
3. Contact Person Name, Position, Email address, Phone number
4. Electronic Health Record (EHR) Name and Version number
5. Version (s) of HL7 supported by your EHR – **2.3.1**
6. Can your EHR already create a VXU message (any version of HL7)? **Yes**

State contact:

MCIR Helpdesk

888-243-6652

MCIRHELP@mphi.org

8:30 a.m. to 4:30 p.m. Monday through Friday

Minnesota**MIIC – Minnesota Immunization Information Connection**

- Can accept HL7 messages --- MUST ATTEST
- In Minnesota some facilities are already engaged in immunization data exchange and can attest
- RPMS facilities not yet exchanging should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Linda Stevens, MPH

Minnesota Department of Health

Office: 651-201-5552

Fax: 651-201-5501

Email: linda.stevens@state.mn.us

The Process:

In MN Meaningful Use is covered overall by another MDH Section, but the MIIC team handles all the needed MIIC testing. The overall site is: <http://www.health.state.mn.us/e-health>

The first step would be to see if the EHR product is part of the Certified Health IT product list by ONC (<http://onc-chpl.force.com/ehrcert>).

If certified and ready to test, MIIC accepts a file using MIIC HL7 2.3.1 specifications and MIIC-accepted CVX codes. The plan is underway to have MIIC be able to receive HL7 2.5 messages in summer 2011.

For data already electronically submitted, MIIC checks if 1) certified and 2) data submitted as HL7 with CVX codes

If both are met, then facility meets Meaningful Use requirements. MIIC will keep track of any facilities they have worked with on M.U. testing.

Wisconsin

WIR –Wisconsin Immunization Registry

- Can accept HL7 messages, WIR has a test server for sending messages --- MUST ATTEST
- Some Wisconsin RPMS facilities are already engaged in immunization data exchange and can attest.
- RPMS facilities not yet exchanging should install the most current version of BYIM and request test server access and credentials from the state contact
- Send him:
 - Full Name
 - Phone
 - Complete Address
 - Email
 - ID you wish to use

State contact:

Thomas Maerz

Manager Wisconsin Immunization Registry

1 West Wilson - Madison, WI 53701

(608) 261-6755

Thomas.Maerz@dhs.wisconsin.gov

Billings Area

Montana

- IIS does not have HL7 messaging capacity as of June 1, 2011.
- No Meaningful Use testing required --- EXEMPT

State contact:

Bekki K Wehner

IIS Manager

Phone: (406) 444-9539

Fax: (406) 444-2920

Wyoming

WyIR – Wyoming Immunization Registry

- Ongoing immunization interface --- MUST ATTEST
- Wind River Service Unit already interfaces with WyIR and can attest

California Area

All California RPMS facilities, please inform Susan Ducore, Area Immunization Coordinator and Gary Mosier, Area IT Specialist of any testing or data exchange activity

susan.ducore@ihs.gov / gary.mosier@ihs.gov

California

San Diego County Immunization Registry (SDIR)

- accepts HL7 messages --- MUST ATTEST
- Southern Indian Health Council can attest
- Other SD County RPMS facilities should install the most current version of BYIM and notify the state contact of intent to test

SDIR contact:

Rob Wester

619-692-8403

www.sdiz.org

California Immunization Registry (CAIR)

- Does not accept HL7 messages
- RPMS facilities in ALL other California counties are EXEMPT

Nashville Area

All Nashville facilities, please inform Michelle Ruslavage of any testing or data exchange activity
Michelle.ruslavage@ihs.gov

Alabama

- Will not accept HL7 messages until late 2011
- No Meaningful Use testing required in 2011 --- EXEMPT

Connecticut

- Does not accept HL7 messages
- No Meaningful Use testing required in 2011 --- EXEMPT

Florida

Florida SHOTS™

- Accepts HL7 messages --- MUST ATTEST
- All RPMS facilities must attest, please install the BYIM software and notify state contact of intent to test.

State contact:

Diane McLeod
813-270-9785

Diane_McLeod@doh.state.fl.us
<http://www.flshots.com/data/>

Louisiana

LINKS – Louisiana Immunization Network for Kids

Statewide

- Can accept HL7 messages --- MUST ATTEST
- Coushatta is exchanging and can attest
- All RPMS facilities must attest, please install the BYIM software and notify your state contact of intent to test.

State contact:

Janet Balog
520-488-9593

Janet_Balog@stchome.com

Maine

Maine ImmPact2

- Accepts HL7 messages --- MUST ATTEST
- Micmac can attest
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Shawn M. Box
Assistant Director / IIS Project Manager
(p) 207-287-2586
(f) 207-287-8127
Shawn.Box@Maine.Gov

Massachusetts

- Does not accept HL7 messages
- No Meaningful Use testing required in 2011 --- EXEMPT

Mississippi

MIIX – Mississippi Immunization Information eXchange

- Choctaw is exchanging data with MIIX and can attest

New York

NYSIIS – New York State Immunization Information System

- Accepts HL7 and will accept RPMS test messages --- MUST ATTEST
- All RPMS facilities should install the BYIM software and notify state contact of intent to test.

State contact:

Megan Meldrum
(518) 473-2839
mdm06@health.state.ny.us

North Carolina

- Will not accept HL7 messages until late 2011
- No Meaningful Use testing required in 2011 --- EXEMPT

Rhode Island

KIDSNET

- Accepts HL7 messages --- MUST ATTEST
- Meaningful use attestations around immunization registry data submission will be made to Medicaid and Medicare
- KIDSNET will be involved in setting the criteria for RI once the Medicaid office is ready to develop that part of their plan.
- If the site has an ongoing successful interface established with KIDSNET this year from a certified EHR, the site will be ready to go for the IZ meaningful use attestation next year.
- Please install the BYIM software and notify Michelle Ruslavage of intent to test.

South Carolina

CARES-IS - South Carolina

- Accepts HL7 messages --- MUST ATTEST
- Catawba should install BYIM and notify the state contact of intent to test.

State contact:

Rodney Saylor

saylorrj@dhec.sc.gov

Texas

- Does not accept HL7 messages
- No Meaningful Use testing required in 2011 --- EXEMPT

Navajo Area

*All Navajo RPMS facilities, please inform Diana Hu, Area Immunization Coordinator and Andrea Scott, Area CAC of any testing or data exchange activity
diana.hu@tchealth.org / andrea.scott@ihs.gov*

Arizona

ASIS - Arizona State Immunization Information System

- Most facilities are exchanging --- MUST ATTEST
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify the state contacts of intent to test

State contact:

Nita Surathu

Nita.Surathu@azdhs.gov

-or-

Lisa Rasmussen

602-364-3619

lisa.rasmussen@azdhs.gov

New Mexico

NMSIIS – New Mexico State Immunization Information System

- Accepts HL7 messages --- MUST ATTEST
- Crownpoint, GIMC, Shiprock will test via Navajo Area

Please contact:

Keri Gorman

keri.gorman@ihs.gov

Oklahoma Area

All OKC Area RPMS facilities, please inform Becky Loving, Area Immunization Coordinator and Charles Cross, Area IT Specialist of any testing or data exchange activity
rebecca.loving@ihs.gov / charles.cross@ihs.gov

Kansas

Kansas- Weblz

- Accepts HL7 messages --- MUST ATTEST
- Haskell and White Cloud should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Mike McPherson

Interface Coordinator

785-296-1319

[mmcpherson @ kdhe.state.ks.us](mailto:mmcpherson@kdhe.state.ks.us)

Oklahoma

OSIIS – Oklahoma State Immunization Information System

- Has accepted HL7 messages
- No information available for testing --- EXEMPT

NOTE: Please contact Oklahoma state CMS to confirm whether attestation will be needed in 2011.

Phoenix Area

All Phoenix RPMS facilities, please inform Elvira Mosely, Area CAC; Ann Ahasteen, Area IT Specialist and Verna Kuka, Area IT Specialist of any testing or data exchange activity
elvira.mosely@ihs.gov/antoinette.ahasteen@ihs.gov / verna.kuka@ihs.gov

Arizona

ASIS - Arizona State Immunization Information System

- Most facilities are exchanging --- MUST ATTEST
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Nita Surathu

Nita.Surathu@azdhs.gov

-or-

Lisa Rasmussen

602-364-3619

lisa.rasmussen@azdhs.gov

California

California Immunization Registry (CAIR)

- Does not accept HL7 messages --- EXEMPT

Nevada

Nevada Webiz

- Accepts HL7 messages --- MUST ATTEST
- Elko and Shurz are pilot test sites
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Heidi Dolder

775-684-4238

hdolder@health.nv.gov

Utah

USIS – Utah State Immunization Information System

- Uintah & Ouray Indian Health Center is exchanging --- MUST ATTEST
- Facility should confirm installation of most current version of BYIM

Portland Area

All Portland facilities, please inform Mary Brickell, Portland Area IT Specialist, of any testing or data exchange activity

Mary.Brickell@ihs.gov

Idaho

IRIS – Idaho’s Immunization Reminder Information System

- Accepts HL7 messages --- MUST ATTEST
- Fort Hall can attest
- Nimipuu and Kootenai in test process

State contact:

Janet Balog

520-488-9593

Janet_Balog@stchome.com

Oregon

Oregon ALERT

- Accepts HL7 messages --- MUST ATTEST
- Warm Springs in process
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify the state contact of intent to test

State contact:

Mary Beth Kurilo

971-673-0294

mary.beth.kurilo@state.or.us

Washington

Washington CHILD Profile

- Accepts HL7 messages --- MUST ATTEST
- Most facilities are exchanging
- RPMS facilities not yet engaged in data exchange should install the most current version of BYIM and notify Mary Brickell of intent to test

Mary Brickell

503-414-7754

mary.brickell@ihs.gov

Tucson Area

Arizona

ASIS - Arizona State Immunization Information System

- Sells Service Unit must attest

Glossary:

IIS: Immunization Information System (IIS) or State Immunization Information System (SIIS). Each state has a specific name for their IIS, such as Arizona State Immunization Information System (ASIS).

BYIM: The IHS Data Exchange software. RPMS call letters are BYIM. Version 2.0*1, released February 28, 2011, v 2.0*2 due to release July 2011. Please see OIT RPMS website for software and documentation files. This software creates HL7 messages from information stored in the RPMS Immunization Package.

HL7 Communications Bridge: an HTTPS transport software which automates data exchange in some states. Facilities in states that can't support this must use manual data exchange to send Meaningful Use test messages and exchange immunization data. Instructions to access this software found in the BYIM Installation manual.

Manual Data Exchange: a provider at the facility logs into IIS web application and uploads the IHS HL7 file. They also use this to download a reciprocal file, where applicable.

Reciprocal file: a file of immunization messages received from an IIS, which can then be imported into the RPMS via the BYIM. This is also referred to as a return file, an import file.

Unidirectional/one-way data exchange: The RPMS facility can use BYIM to send immunization records to an IIS, but cannot receive reciprocal files back from the IIS.

Bidirectional/two-way data exchange: RPMS facility can use BYIM to send and receive immunization records from an IIS. Immunization records received via a reciprocal file can be imported directly into individual patient RPMS records.