

NNDSS

National Notifiable Diseases
Surveillance System

SEPTEMBER 2018

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Overall Updates

2018 Public Health Informatics (PHI) Conference: Many Thanks for Your Feedback on NNDSS!

- The NMI team participated in several sessions at the 2018 PHI Conference in Atlanta, GA, on 8/20/18–8/23/18.
- Thank you to the jurisdictions for the valuable feedback on NNDSS and NMI that you provided during these sessions and in one-on-one interactions with the NMI team.
- We value your input and look forward to our continued collaboration on NMI!

Rhapsody Training Announcement

- CDC is offering free Rhapsody 6.2 training entitled “Rhapsody Symphonia Toolkit” on 10/15/18 to 10/16/18 in Atlanta, GA.
- The **registration deadline is 9/7/18** or when all seats are assigned, whichever comes first.
- This instructor-led course is divided into the following modules:
 - Database Designer—how to create database configuration files for use with Rhapsody’s database filters and communication points,
 - EDI Designer—how to create custom and standard message definitions, and
 - Map Builder—how to create message mappers.
- This training is not considered advanced Rhapsody training; it provides only the fundamentals of Rhapsody.
- The training is free; however, travel accommodations are the responsibility of the attendee’s organization.
- Those interested in attending should request a clearance form and more details by sending an email to rcp7@cdc.gov (cc:ing aov5@cdc.gov and amh5@cdc.gov) as soon as possible.

NMI eSHARE Updates

- The September eSHARE on 9/18/18 at 3:00 PM ET is scheduled to cover highlights from the recent PHI Conference; a Message Validation, Processing, and Provisioning System (MVPS) Dashboard demo; and a walkthrough of the newly relaunched online NMI Technical Assistance and Training Resource Center. Join us for this don't-miss session!
- Access past eSHARE presentations and details about future events at the NMI eSHARE website at <https://www.cdc.gov/nmi/eshare.html>.

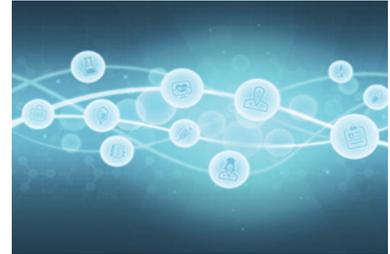
SAMS Access Reminder

- The NMI team encourages all non-pilot jurisdictions to complete the Secure Access Management Services (SAMS) proofing process and confirm their access with the MVPS support team.
- More information about SAMS access and training may be found on the NMI website at <https://www.cdc.gov/nmi/ta-sams.html>.

Production HL7 Case Notification Messages

Arboviral v1.3

- There are 14 jurisdictions in production for arboviral. **Congratulations to North Dakota and Rhode Island, who are the latest states in production!**
- Illinois, Nebraska, and Washington are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.



Generic v2

- There are 18 jurisdictions in production for generic v2. **Congratulations to Utah for being the latest state in production!**
- Alabama, Colorado, and New Hampshire are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Hepatitis

- There are 11 jurisdictions in production for hepatitis. **Congratulations to Alabama for being the latest state in production!**
- California, Louisiana, Massachusetts, South Carolina, and Wisconsin are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Developing HL7 Case Notification Messages

Babesiosis MMG (Stage II—Pilot Test-ready)

- MVPS development is in progress for the babesiosis MMG.
- CDC has selected pilot states for the babesiosis MMG pilot process.
- The guide will be piloted in conjunction with the trichinellosis and malaria MMGs, which are scheduled for fall.

Valid Values	HL7 Message Context	HL7 Data Type
States FIPS Codes	OBX segment with OBX-3=INV503	CWE
Country	OBX-5=Value from value	
Provinces and Territories	OBX-5=Value from value	
	OBX segment with OBX-3=INV504	ST
	OBX-5=String (up to 199 characters)	RE

Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE) MMG (Requirements Analysis)

- CDC is reviewing and updating the draft guide.

Congenital Syphilis and STD MMGs (Stage III—Final MMG)

- Final congenital syphilis and STD MMGs are available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- Please use these guides to begin implementing your case notification messages in preparation for onboarding.
- CDC is working on the data provisioning schema and preparing to receive the production NNDSS STD and congenital syphilis MMG data.
- Onboarding is expected to begin the end of August.

Foodborne and Diarrheal Disease (FDD) MMG (Stage II—Pilot Test-ready)

- CDC is updating the guide with spelling updates, data element harmonization, value sets, and new codes.
- MVPS development is in progress for the FDD MMG.

Listeriosis MMG (Requirements Analysis)

- MVPS completed the requirements review of the MMG.
- CDC is preparing to present the draft MMG during a soon-to-be scheduled CSTE webinar to gather jurisdiction feedback.

Lyme and Tickborne MMGs (Requirements Analysis)

- The CSTE webinar to review the draft MMG and gather jurisdiction feedback is scheduled for 9/6/18.
 - The draft MMG is available for review on the NNDSS HL7 Case Notification Resource Center in the “MMGs in Development” tab at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
 - The review and comment period is 20 business days; it began on 8/24/18 and ends on 9/21/18.
- The PHIN Vocabulary Access and Distribution System updated a few value sets.

Malaria MMG (Stage II—Pilot Test-ready)

- CDC has selected pilot sites for the MMG pilot process.
- The guide will be piloted in conjunction with the babesiosis and trichinellosis MMGs, which are scheduled for fall.

Measles MMG (Stage I—Draft)

- CDC completed the pilot test-ready versions of the test scenarios and test messages.

Mumps and Pertussis MMGs (Stage III—Final)

- Final mumps and pertussis MMGs are available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- Please use these guides to begin implementing your case notification messages in preparation for onboarding.

Respiratory and Invasive Bacterial Disease (RIBD) MMG (Stage II—Pilot Test-ready)

- MVPS development is in progress for the RIBD MMG.

Rubella and Congenital Rubella Syndrome (CRS) MMGs (Stage II—Pilot Test-ready)

- CDC is reviewing pilot test-ready versions of the MMGs and associated artifacts.

Trichinellosis (Pilot Test Ready—Accelerated Development Pilot)

- CDC has selected pilot sites for the MMG pilot process.
- The guide will be piloted in conjunction with the babesiosis and malaria MMGs, which are scheduled for fall.

Tuberculosis (TB) and Latent Tuberculosis Infection (LTBI) MMG (Pilot Test-ready—Accelerated Development Pilot)

- CDC has selected pilot sites for the MMG pilot process.
- Piloting is scheduled to begin soon.

Varicella MMG (Stage III—Final)

- The final varicella MMG is available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- Please use this guide to begin implementing your case notification messages in preparation for onboarding.

Resources

- NMI Technical Assistance and Training Resource Center: <https://www.cdc.gov/nmi/ta-trc/>
- NNDSS HL7 Case Notification Resource Center: <https://wwwn.cdc.gov/nndss/case-notification/>
- NMI Notes Monthly News Update: <https://www.cdc.gov/nmi/news.html>
- NMI eSHARE Monthly Webinar: <https://www.cdc.gov/nmi/eshare.html>
- NMI Newsroom: <https://www.cdc.gov/nmi/newsroom.html>
- NMI Internet Site (includes NMI fact sheets and FAQs): <https://www.cdc.gov/nmi/>



Jurisdiction Implementation of NNDSS HL7 Case Notification Messages

■ = Message in Production
 ■ = Onboarding
 ■ = Receiving TA
 ■ = Pilot

Jurisdiction	Arboviral	Generic Version 2	Hepatitis	Congenital Syphilis*	Foodborne Diarrheal Disease*	Mumps*	Pertussis*	Sexually Transmitted Diseases*	Varicella*
Alabama									
Alaska									
Arizona									
Arkansas									
California									
Colorado									
Delaware									
Florida									
Idaho									
Illinois									
Indiana									
Iowa									
Kansas									
Kentucky									
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New Hampshire									
New Jersey									
New York									
New York City									
North Carolina									
North Dakota									
Oregon									
Rhode Island									
South Carolina									
South Dakota									
Tennessee									
Texas									
Utah									
Virginia									
Washington									
West Virginia									
Wisconsin									

* These guides are currently being piloted by a small number of states and are not yet available to other states for implementation.

This chart shows the status of state public health departments who are piloting, receiving technical assistance, onboarding, or in production for HL7 case notification messages developed as part of the NNDSS Modernization Initiative.

Upcoming Events

- NMI eSHARE; 9/18/18, 3:00PM ET;
<https://www.cdc.gov/nmi/eshare.html>

Have questions or feedback on NMI Notes? Email edx@cdc.gov.



NMI Notes provides monthly news updates about the National Notifiable Diseases Surveillance System (NNDSS) Modernization Initiative (NMI). It is a collaboration by the Centers for Disease Control and Prevention (CDC), Council of State and Territorial Epidemiologists (CSTE), and Association of Public Health Laboratories (APHL).

If a colleague forwarded this issue to you, we encourage you to [subscribe at this link](#) to ensure that you receive future issues of *NMI Notes*.

***Centers for Disease Control and Prevention | Council of State and Territorial
Epidemiologists | Association of Public Health Laboratories***

Write: edx@cdc.gov Visit: www.cdc.gov/nmi

www.cste.org