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Overall Updates

Is Your Installation of PHINMS Up-to-Date?

- The annual NNDSS data reconciliation uncovered data transmission problems related to the use of very old versions of the PHIN Messaging System (PHINMS) in some states.
- We encourage you to evaluate whether the version of PHINMS that you are using needs to be updated.
- PHINMS v3.1, the most current version, will work with any version of Windows operating system. TLS 1.2 must be turned on for it to operate correctly.
- Assistance is available from the PHINMS support team at PHINMSSupport@CDC.gov.



Onboarding for STD and Congenital Syphilis (CS) Expected in Late August

- The NMI team and CDC Sexually Transmitted Disease (STD) program expect to begin onboarding jurisdictions to send the NNDSS HL7 case notification messages for STD and CS in late August.
- Please consider implementing the STD and CS case notification messages, which may be found on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.

Join the NMI Team at the 2018 PHI Conference

- The NMI team is scheduled to participate in several sessions, including a workshop and two sharing sessions, at the 2018 Public Health Informatics (PHI) Conference in Atlanta, GA, on 8/20/18–8/23/18.
- Access the NMI website at <https://www.cdc.gov/nmi/> for all the details on specific sessions where NMI team members are presenting.
- We look forward to seeing you there!

CDC/DHIS AD for Surveillance Lesliann Helmus Receives 2018 CSTE Distinguished Partner Award

- The CDC Division of Health Informatics and Surveillance (DHIS) is pleased to announce that DHIS Associate Director (AD) for Surveillance Lesliann Helmus, MS, CHTS-CP, received the 2018 CSTE Distinguished Partner Award.

- CSTE President Janet Hamilton, MPH; surveillance section administrator, Florida Department of Health; recognized Ms. Helmus for her achievements on June 12, 2018, at the CSTE President's Banquet at the CSTE Annual Conference in West Palm Beach, Florida.
- CSTE selected Ms. Helmus for the award for using her experience at both the state and federal levels to produce effective and valuable collaboration between CSTE and CDC in surveillance and informatics and for her key role in NMI progress.
- More details are available at the NMI Newsroom: <https://www.cdc.gov/nmi/newsroom.html#tabs-2-7>.

NMI eSHARE Updates

- The July NMI SHARE session on 7/17/18 provided a recap of the 2018 CSTE Annual Conference and highlighted several topics from the meeting that were related to NNDSS.
 - Also during the July eSHARE, the Epidemiology and Laboratory Capacity (ELC) Health Information Systems (HIS) Support and Monitoring team provided a REDCap demo on the ELC HIS Monitoring project. CDC will require grantees to use this project for HIS quarterly monitoring updates in the new grant year beginning on 8/1/18.
 - The demo covered REDCap access, navigating the HIS project, and how to complete the quarterly updates.
- The August NMI eSHARE session is scheduled for 8/28/18 at 3:00 PM ET and will provide an overview of the mumps, pertussis, and varicella NNDSS HL7 case notification messages.
- 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 Message Validation, Processing, and Provisioning System (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 12 jurisdictions in production for arboviral.
- Nebraska, North Dakota, Rhode Island, 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 17 jurisdictions in production for generic v2.
- Alabama, Colorado, New Hampshire, and Utah are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Hepatitis

- There are 10 jurisdictions in production for hepatitis. **Congratulations to Tennessee for being the latest state in production!**
- Alabama, California, Louisiana, 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)

- The MMG is ready for pilot testing and MVPS development.
- CDC is selecting pilot states for the babesiosis MMG pilot process.
- The babesiosis MMG 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	Set	
	OBX segment with OBX-3=INV504 OBX-5=String (up to 199 characters)	ST 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>.
- You can now use these guides to begin implementing your case notification messages in preparation for onboarding.
- Onboarding is expected to begin in late August.

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

- CDC is updating the pilot test-ready versions of the test scenarios and test messages based upon feedback from pilot states.
- The MVPS team has begun development work on the FDD MMG.

Listeriosis MMG (Requirements Analysis)

- CDC has completed a draft version of the listeriosis MMG and is reviewing it in preparation for an upcoming CSTE webinar to present the draft guide and gather jurisdiction feedback.

Lyme and Tickborne MMG (Requirements Analysis)

- CDC has completed the draft version of the Lyme and tickborne MMG.
- CDC is creating artifacts in preparation for an upcoming CSTE webinar to present the draft guide and gather jurisdiction feedback.

Malaria MMG (Stage II—Pilot Test-ready)

- The MVPS team is completing development work on the malaria MMG.
- CDC is selecting pilot sites for the MMG pilot process.
- It will be piloted in conjunction with the babesiosis and trichinellosis MMGs, which are scheduled for fall.

Measles MMG (Stage I—Draft)

- CDC is making a value set change to the draft MMG.

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>.

- You can now 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)

- CDC is reviewing the pilot test-ready MMG and associated artifacts.

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)

- The MMG is ready for MVPS development.
- CDC is selecting pilot sites for the MMG pilot process.
- It 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)

- The MVPS team completed initial system development for the TB/LTBI MMG and will now proceed to internal and user acceptance testing.
- CDC is selecting pilot sites for the MMG pilot process.
- Piloting is scheduled for late summer.

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>.
- You can now 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									
Louisiana									
Maine									
Maryland									
Massachusetts									
Michigan									
Minnesota									
Mississippi									
Nebraska									
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; 8/28/18, 3:00PM ET;
<https://www.cdc.gov/nmi/eshare.html>
- 2018 Public Health Informatics Conference; 8/20/18 to 8/23/18:
<http://phiconference.org/>



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