

Subscribe

Share ▾

Past Issues

Translate ▾

RSS

NMI Notes October 2016

[View this email in your browser](#)

# NMI Notes

**NNDSS MODERNIZATION INITIATIVE (NMI)****OCTOBER 2016**

If this email is not displaying properly, please access the fully formatted news update at the NMI News web page at <https://www.cdc.gov/nmi/news.html>.

**OVERALL NMI UPDATES****Welcome to NMI Notes!**

NMI Notes will provide 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*.

**Update on Zika Virus Case Notification Implementation:**

The NNDSS HL7 Case Notification Resource Center at <https://www.cdc.gov/nndss/case-notification/> now displays the updated Arboviral v1.3 Message Mapping Guide (MMG) and associated onboarding test scenarios and test cases.

CDC distributed a letter to state epidemiologists

([https://www.cdc.gov/nndss/document/2016\\_NNDSS\\_State\\_Epi\\_Letter\\_cleared\\_Sept\\_21\\_2016\\_CSTE\\_ZIKV\\_FINAL.pdf](https://www.cdc.gov/nndss/document/2016_NNDSS_State_Epi_Letter_cleared_Sept_21_2016_CSTE_ZIKV_FINAL.pdf)) on 9/21/16 that provided instructions for implementing CSTE Position Statement 16-ID-01.

The updated CDC data systems are prepared to receive arboviral case notifications using the four new Zika event codes, and the NNDSS team is reaching out to jurisdictions to discuss onboarding.

The weekly NNDSS Table 1 statistics will include confirmed and probable non-congenital cases of Zika virus disease, but not information on infections or on congenital disease.

**MESSAGE MAPPING GUIDE DEVELOPMENT UPDATES****Priority MMGs Update:**

Final versions of the Generic v2, Hepatitis, and Arboviral v1.3 MMGs and their

**IN THIS ISSUE:**

OVERALL NMI UPDATES  
MMG DEVELOPMENT UPDATES  
MVPS UPDATES  
TA UPDATES  
UPCOMING EVENTS

(VADS Hepatitis)	Value Set Code	Valid Values	HL7 Message Context	HL7 Data Type	HL7 Usage
State or Province Exposure	PHIS_StateProvince	US States FPS Codes and ISO Country Subdivision codes for Canadian Provinces and Mexican States.	OBX segment with OBX-3=NV503	CVE	RE
			OBX segment with OBX-3=NV504	ST	RE
			OBX-5=String (up to 199 characters)		

associated artifacts have been posted to the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/>.

Pilot test-ready versions of the STD, Congenital Syphilis, Mumps, and Pertussis MMGs also are available on the resource center.

#### Varicella MMG Update:

CDC updated the draft MMG with changes that were identified during the recent external review period. The MMG development team also completed a compilation of responses to the feedback received from seven jurisdictions during the external review.

#### Comment Period for Rubella and Congenital Rubella Syndrome MMGs:

CDC will soon post draft MMGs for Rubella and Congenital Rubella Syndrome to the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/>. CSTE will host a webinar to review these MMGs on 10/13/16 from 3:00–4:00 PM.

## MESSAGE VALIDATION, PROCESSING, AND PROVISIONING SYSTEM UPDATES

#### MVPS Continues Internal Functional Testing and Implementation of System Enhancements:

The Message Validation, Processing, and Provisioning System (MVPS) team continues to perform quality and functional testing to identify and schedule any potential defects to be resolved.



The following MVPS updates were recently completed:

- Unnecessary internal server error messages experienced while viewing select messages on the dashboard have been removed.
- Additional updates to Hepatitis error/warning messages were completed.
- Vaccine data elements are processing correctly.
- The Message Evaluation and Testing Service (METS) received various cosmetic updates related to text alignment and web browser compatibility.

The MVPS team will continue to make development updates to the system in preparation for a successful launch expected later this year.

#### Jurisdictions Encouraged to Check SAMS Access:

In anticipation of MVPS being ready to accept data from jurisdictions for Generic v2 and Hepatitis, the NMI team is encouraging all non-pilot jurisdictions to complete the 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 web site at <http://www.cdc.gov/nmi/ta-sams.html>.

## TECHNICAL ASSISTANCE UPDATES

**MMG Training Provided at the Project SHINE Fellowship Orientation:** On 9/28/16, the NMI team presented the course “From Initiation to Implementation: Notifiable Disease Message Mapping Guide Essentials” at the Project Strengthening Health Systems through Interprofessional Education (SHINE) Fellowship Orientation for new informatics fellows.



- Through a lecture and hands-on activity, the course provided fellows with an overview of the new HL7 MMGs and guided them through the process to complete a gap analysis. These skills and resources will help the state-based fellows to assist their jurisdictions with implementing the new HL7-based case notification messages.
- The SHINE fellowships seek to increase public health informatics capacity within state and local health

departments. The fellowship programs are managed through a collaborative partnership among CSTE, CDC, and the National Association of County and City Health Officials.

**Upcoming eSHARE Event Planned:**

- **October NMI eSHARE to Cover Updated Arboviral Case Notification Implementation and Onboarding**
  - The 10/20/16 NMI eSHARE webinar will provide information on changes to the Arboviral MMG based on changes to the CSTE Zika position statement, discuss issues to be considered when implementing case notifications based on the MMG, and outline the process for onboarding. In addition, the hot topic will focus on NMI progress.
  - We invite you to join us at the eSHARE Adobe Connects Webinar Link: <https://virtualsepd.adobeconnect.com/nmieshare/>. Click "Enter as a Guest," provide your name, and click "Enter Room"; the conference number is 1-800-779-9623 and participant code is 9740330.
- Access past eSHARE presentations and details about future events at the NMI eSHARE website at <http://www.cdc.gov/nmi/eshare.html>.

NMI Pilot Jurisdiction Status Report						
Jurisdiction	System	Implementation Process				
		Kick Off	Gap Analysis [non-NBS] or Disease Page Implemented [NBS]	Data Extract Updated [non-NBS] or Legacy Data Porting - Migration Complete [NBS]	HL7 Message Created	Message Validation in METS
<b>Alabama</b>						
STD	NBS	X	X	X	X	X
<b>Arizona</b>						
CS	Non-NBS	X	In Process			
STD	Non-NBS	X	In Process			
<b>Arkansas</b>						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
<b>California</b>						
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
<b>Florida</b>						
Arbo V1.3	Non-NBS	X	X	X	In Process	In Process
CS	Non-NBS	X	In Process			
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
STD	Non-NBS	X	In Process			
<b>Idaho</b>						
STD	NBS	X	X	X	X	X
<b>Kentucky</b>						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
<b>Louisiana</b>						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
<b>Michigan</b>						
CS	Non-NBS	X	X	N/A	In Process	In Process
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
STD	Non-NBS	X	X	N/A	X	X
<b>Minnesota</b>						
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
<b>New York</b>						
Arbo V1.3	Non-NBS	X	X	N/A	X	X
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	In Process	In Process	
<b>North Carolina</b>						
CS	Non-NBS	X	In Process			
STD	Non-NBS	X	In Process			
<b>Oregon</b>						
CS	Non-NBS	X	In Process	In Process	In Process	
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
STD	Non-NBS	X	In Process	In Process	In Process	
<b>Tennessee</b>						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
<b>Texas</b>						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X

**NMI Pilot Jurisdiction Status Report:** This chart shows the status of current NMI pilot jurisdictions in implementing new HL7 NNDSS case notification messages. After implementation, onboarding is the next

step in the NMI process. Please note that NBS has finalized system updates for the Generic v2 and Hepatitis MMGs, and jurisdictions are currently applying those minor updates.

#### UPCOMING EVENTS

##### NMI eSHARE:

Updated Arboviral Case Notification  
Implementation and Onboarding:

**10/20/16, 3:00pm ET;**

<http://www.cdc.gov/nmi/eshare.html>

**Subscribe to NMI Notes so you don't  
miss a thing!**

[Please click here to subscribe.](#)

**Have questions or feedback on NMI  
Notes?**

Email [edx@cdc.gov](mailto:edx@cdc.gov).

Centers for Disease Control and Prevention

Council of State and Territorial Epidemiologists

Association of Public Health Laboratories

Write: [edx@cdc.gov](mailto:edx@cdc.gov)

Visit: [www.cdc.gov/nmi](http://www.cdc.gov/nmi)

[www.cste.org](http://www.cste.org)

#### **Our mailing address is:**

The Council of State and Territorial Epidemiologists  
2872 Woodcock Boulevard  
Suite 250  
Atlanta, GA 30341

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)