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NMI Notes May 2016

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# NMI Notes

**NNDSS Modernization Initiative (NMI)****MAY 2016**

*Sent to: State Epidemiologists, Deputy State Epidemiologists, CSTE Surveillance/Informatics and Infectious Disease Points of Contact, and recipients of previous NMI Biweekly External Communication Updates*

## 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*.

### Arboviral Disease HL7 Case Notification Message Update

To address concerns about data continuity during this year's Arboviral season and also ease the data entry burden on jurisdictions sending Arboviral disease case notification messages, CDC is targeting low-risk ways to transition jurisdictions to the new Arboviral v1.3 case notification message.

For example, CDC plans to evaluate jurisdictions on a case-by-case basis to identify those where the transition is low risk for data integrity. CDC will consider whether a jurisdiction's Arboviral disease surveillance activities use an integrated surveillance system and, if so, whether all expected data elements are currently included in that system.

CDC is targeting July to begin onboarding identified jurisdictions to the new Arboviral v1.3 message.

Please send any questions to CDC's Electronic Data Exchange mailbox at [edx@cdc.gov](mailto:edx@cdc.gov).



### IN THIS ISSUE:

OVERALL NMI UPDATES

MMG DEVELOPMENT UPDATES

MVPS UPDATES

TA UPDATES

UPCOMING EVENTS

## MESSAGE MAPPING GUIDE DEVELOPMENT UPDATES

**Six Priority MMGs Update:** Final versions of the Generic v2 and Hepatitis Message Mapping Guides (MMGs) and their associated artifacts have been posted to the NNDSS HL7 Case Notification Resource Center at <https://www.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.

(VADS Hyperlink)	Value Set Code	Valid Values	HL7 Message Context	HL7 Data Type	HL7 Usage
State or Province Exposure	PHVS_StateProvince	US States FIPS Codes and ISO Country Subdivision codes for Canadian Provinces and Mexican States	OBX segment with OBX-3=INV503	CWE	RE
			OBX segment with OBX-3=INV504	ST	RE
			OBX-5=String (up to 199 characters)		

**Varicella MMG Update:** A draft version of the Varicella MMG is available on the NNDSS HL7 Case Notification Resource Center at <https://www.cdc.gov/nndss/case-notification/> for a 30-day external review by public health jurisdictions, partners, and stakeholders. The comment period will be open until 6/8/16. CDC presented the draft Varicella MMG during a webinar hosted by CSTE on 5/13/16.

**New MMGs Identified for Development in 2016:** CDC expects to post draft MMGs for Babesiosis, Malaria, and Measles for a 30-day external partner review in June 2016. In addition, CDC is preparing proposed data element lists for Rubella, Congenital Rubella Syndrome, Cyclosporiasis, and Trichinellosis, which will form the basis of future draft MMGs.

## MESSAGE VALIDATION, PROCESSING, AND PROVISIONING SYSTEM UPDATES

**MVPS Prepares for Second Round of UAT:** The CDC Message Validation, Processing, and Provisioning System (MVPS) team is preparing for the second round of user acceptance testing (UAT) for Generic v2 and Hepatitis. To test the system's latest refinements, UAT will now be held from 6/20/16 to 6/30/16 for pilot jurisdictions and CDC programs. UAT participants will test the latest versions of MVPS and the Message Evaluation and Testing Service (METS) tool and will help ensure that the system is capable of handling real-life scenarios as functionally required.



**Jurisdictions Encouraged to Check SAMS Access:** In anticipation of MVPS being ready to accept data from jurisdictions for certain guides later this summer, the NMI team is encouraging all non-pilot jurisdictions to check whether they have CDC Secure Access Management Services (SAMS) access and, if not, take the steps necessary to obtain it. 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

**May NMI eSHARE Focused on MVPS and Arboviral:** On 5/19/16, CDC hosted an extended eSHARE webinar that provided MVPS-related training on the MVPS Dashboard, METS, and SAMS and an update on the current plans for state implementation of the Arboviral v1.3 case notification message.

**Upcoming eSHARE Events Planned:** The next regular NMI eSHARE event is scheduled for 6/16/16 at 3:00–4:00pm ET and will provide a roundtable on how Atlas, Maven, and NEDSS Base System (NBS) users are collaborating to implement NMI. We invite you to join us at the eSHARE Adobe Connects Webinar



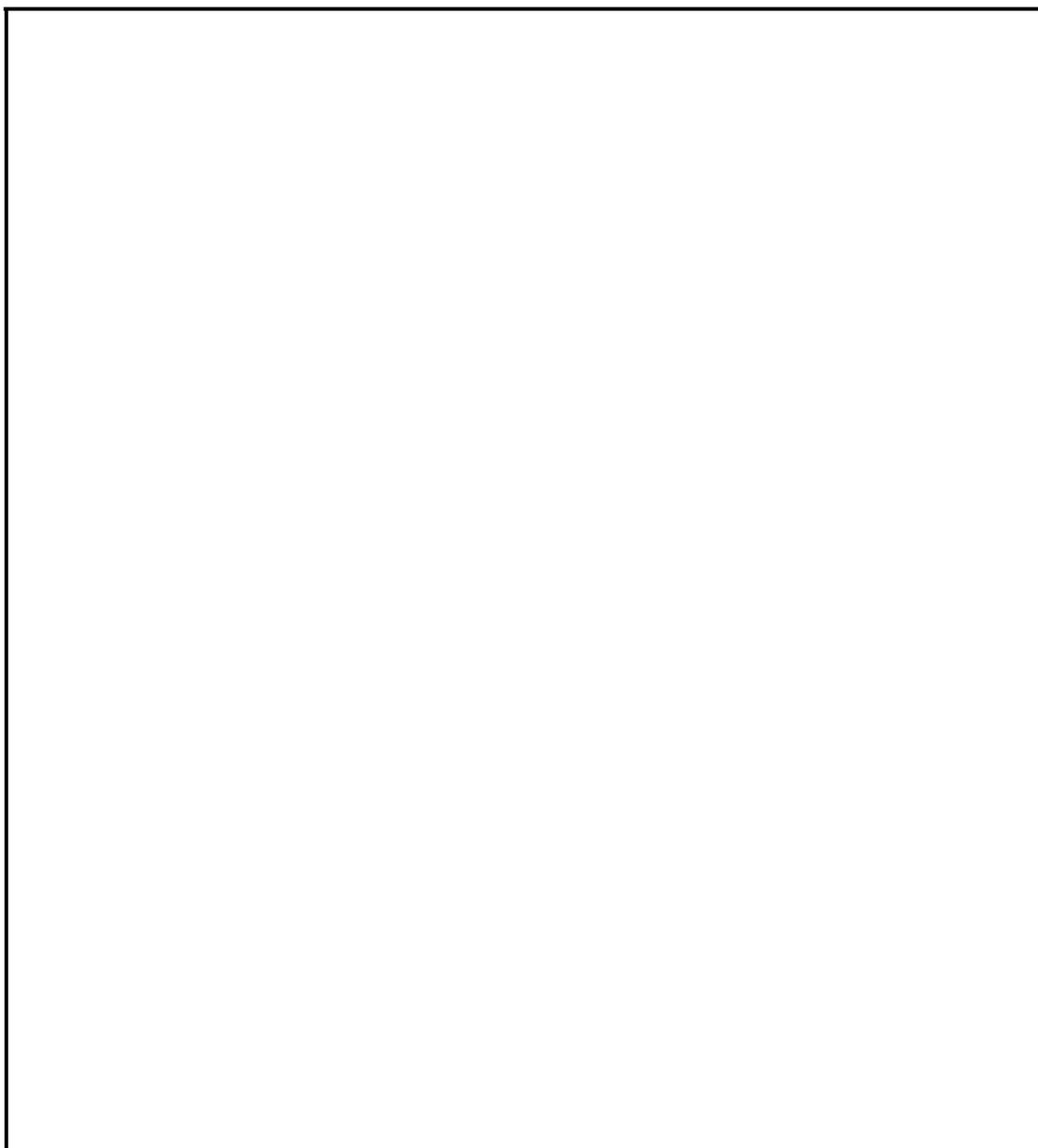
Link: <https://virtualsepd.adobeconnect.com/nmieshare/>. Click "Enter as a Guest," provide your name, and click "Enter Room"; the conference number is 1-800-779-9623 and participant code is 9740330.

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 Update:** The APHL NMI technical assistance team confirmed that Florida, Michigan, North Carolina, and Oregon will participate in the pilot implementation of HL7 case notification messages for STD and Congenital Syphilis. The NMI team is confirming additional pilot jurisdictions and will share them when finalized.

The APHL NMI TA team is working with New York and Florida to implement the Arboviral v1.3 MMG. The NMI team will reach out to additional states to assess business processes, surveillance system capabilities, and availability of staff for onboarding prior to initiating technical assistance.

The NMI team is encouraging all jurisdictions to sign up for the PHIN Vocabulary Access and Distribution System (PHIN VADS) Really Simple Syndication (RSS) subscription service to be alerted to PHIN VADS value set changes and other updates. Users may subscribe to the RSS feed at <https://phinvads.cdc.gov/vads/RssFeeds.action>.



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	In Process				
STD	Non-NBS	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	In Process	In Process
<b>Florida</b>						
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	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>Minnesota</b>						
Gen V2	Non-NBS	X	X	X	In Process	In Process
HEP	Non-NBS	X	X	X	In Process	In Process
<b>New York</b>						
Arbo V1.3	Non-NBS	X	X	N/A	In Process	In Process
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	In Process				
STD	Non-NBS	In Process				
<b>Oregon</b>						
CS	Non-NBS	X	X	X	In Process	
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
STD	Non-NBS	X	X	X	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 is finalizing system updates for the Generic v2, Hepatitis, and STD MMGs, and jurisdictions will apply those minor updates when finalized.

#### UPCOMING EVENTS

NMI eSHARE: Roundtable—How Atlas, Maven, and NBS Users are Collaborating to Implement NMI: **6/16/16, 3:00pm ET**;  
<http://www.cdc.gov/nmi/eshare.html>

CSTE Annual Conference: **6/19-23/16**;  
<http://www.csteconference.org/2016/>

PHI Conference: **8/21-24/16**;  
<http://phiconference.org/>

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

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