

NMI Overall Updates

Welcome to NMI Notes!

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.

NMI eSHARE Updates

- Held on 7/18/17, the latest NMI eSHARE webinar featured the National Institute for Occupational Safety and Health (NIOSH) providing an overview of the NIOSH Industry & Occupation Computerized Coding System tool and the state of Massachusetts presenting information on their industry and occupation data collection. The hot topic focused on unique identifiers for cases in disease notifications.
- The next NMI eSHARE is scheduled for 8/15/17 and will provide tips and lessons learned from states who have completed the NMI implementation and onboarding process.
- Access past eSHARE presentations and details about future events at the NMI eSHARE website at <http://www.cdc.gov/nmi/eshare.html>.

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Message Validation, Processing, and Provisioning System (MVPS) Updates

- CDC implemented MVPS patch release 2.3.3.1, which addresses a previously identified concern with a particular race value not translating from MVPS to the National Electronic Telecommunications System for Surveillance (NETSS).
- CDC continues with ongoing MVPS Upgrade (MVPSu) development, testing, migration planning, design, and implementation. CDC has begun testing the MVPSu functionality for generic v2 and hepatitis, which will be the first implementation of the MVPSu processing changes.
- 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 <http://www.cdc.gov/nmi/ta-sams.html>.

HL7 Case Notification Messages in PRODUCTION

Arboviral v1.3

- States now in production for arboviral v1.3 are Delaware, Florida, Idaho, New York, South Dakota, Tennessee, Texas, and Wisconsin.
- Arkansas and Oregon are engaged in onboarding.



Generic v2

- States now in production for generic v2 are Florida, Kansas, Michigan, Minnesota, New York, South Carolina, and Oregon.
- Alaska, California, Illinois, Mississippi, New Hampshire, and Wisconsin are engaged in onboarding.

Hepatitis

- States now in production for hepatitis are Florida, Idaho, Michigan, Minnesota, and Oregon.
- California is engaged in onboarding.

Ready to request technical assistance or onboarding for these messages? Please contact edx@cdc.gov for more information.

HL7 Case Notification Messages in DEVELOPMENT

Babesiosis Message Mapping Guide (MMG) (Stage 1—Draft)

- CDC completed eight test case scenarios for babesiosis and is now creating test messages from the scenarios.
- CDC is reviewing the MMG for consistency with the updated *PHIN Messaging Guide for Case Notification v3.0*.
- The MVPS requirements team is drafting a developer's guide for babesiosis.

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

Congenital Syphilis (CS) and STD MMGs (Stage II—Pilot Test-ready)

- CDC is updating provisioning guides for STD and CS.

Foodborne and Diarrheal Disease (FDD) MMG (Stage I—Draft):

- CDC is organizing data elements in the MMG to help jurisdictions identify the currently approved and proposed data elements.

Malaria MMG (Stage I—Draft)

- CDC is completing internal quality reviews of the draft MMG.

Measles MMG (Stage I—Draft)

- No new updates at this time.

Mumps and Pertussis MMGs (Stage II—Pilot Test-ready)

- CDC made updates to the mumps and pertussis MMG artifacts based upon feedback from implementers, internal reviews, and the CDC program.

- The CDC MMG team delivered pilot test-ready mumps and pertussis artifacts to the MVPS team.
- The MVPS requirements team is drafting developer's guides for mumps and pertussis.
- CDC is working to identify and contact pilot sites for the mumps and pertussis MMGs.

Rubella and Congenital Rubella Syndrome (CRS) MMGs (Stage I—Draft)

- CDC is updating the rubella and CRS guides based upon mumps and pertussis updates.

Trichinellosis (Requirements Analysis)

- No new updates at this time.

Varicella MMG (Stage I—Draft)

- CDC is updating the guide based on feedback from an internal quality review.
- CDC is working to identify and contact pilot sites for the varicella MMG.

NMI Resources

- NMI Technical Assistance and Training Resource Center: <https://www.cdc.gov/nmi/ta-trc/index.html>
- 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: <http://www.cdc.gov/nmi/eshare.html>
- NMI Newsroom: <https://www.cdc.gov/nmi/newsroom.html>
- NMI Internet Site (includes NMI fact sheets and FAQs): <http://www.cdc.gov/nmi/>



- = Pilot
- = Receiving TA
- = Onboarding
- = Message In Production

HL7 Case Notification Message	Jurisdiction	Pilot	Receiving TA	Onboarding	Production
Arboviral Version 1.3	Alabama				
	Arizona				
	Arkansas				
	California				
	Delaware				
	Florida*				
	Idaho				
	Indiana				
	Maine				
	New York				
	Oregon				
	South Dakota				
	Tennessee				
Texas					
Wisconsin					
Congenital Syphilis	Arizona				
	Florida				
	Michigan				
	North Carolina				
	Oregon				
Generic Version 2	Alaska				
	Arkansas				
	California				
	Florida				
	Illinois				
	Kansas				
	Kentucky				
	Louisiana				
	Michigan				
	Minnesota				
	Mississippi				
	New Hampshire				
	New Jersey				
	New York				
	Oregon				
	South Carolina				
	Tennessee				
Texas					
Wisconsin					
Hepatitis	Arkansas				
	California				
	Florida				
	Idaho				
	Kentucky				
	Louisiana				
	Michigan				
	Minnesota				
	New York				
	Oregon				
	Tennessee				
	Texas				
	Virginia				
Sexually Transmitted Diseases	Alabama				
	Arizona				
	Florida				
	Idaho				
	Michigan				
	North Carolina				
	Oregon				

*Florida has implemented Arboviral 1.3 for Zika and is continuing to work on implementing the remaining arboviral conditions.

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

Upcoming Events

- NMI eSHARE; 8/15/17, 3:00PM ET; <http://www.cdc.gov/nmi/eshare.html>

*Ready to request technical assistance or onboarding?
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*Have questions or feedback on NMI Notes?
Email edx@cdc.gov.*