NMI NOTES

NNDSS
National Notifiable Diseases
Surveillance System

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 6/20/17, the latest NMI eSHARE webinar presented a recap of NNDSS-related highlights from the 2017 CSTE Annual Conference.
- The next NMI eSHARE webinar is scheduled for 7/18/17 at 3:00 PM ET and will feature information for state public health departments on capturing industry and occupation surveillance data. The webinar will include
    - a presentation of the new NNDSS HL7 message mapping guide template for states to use to send industry and occupation data to CDC,
    - a demonstration by the National Institute for Occupational Safety and Health (NIOSH) providing an overview of the NIOSH Industry & Occupation Computerized Coding System tool, and
    - a state public health department's perspective from the Massachusetts Department of Health on collecting industry and occupation surveillance data.
- Access past eSHARE presentations and details about future events at the NMI eSHARE website at http://www.cdc.gov/nmi/eshare.html.

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

- CDC completed testing for the Message Evaluation and Testing Service (METS) 2.3.2.
- CDC implemented MVPS Release 2.3.3 the week of 6/16/17. The release incorporated the following system updates:
    - Long jurisdiction codes (e.g., the 6-digit code for New York City) are accommodated.
    - The METS URL is simplified.
    - A new column is added for storing Message Control ID (MSH-10) in the message data quality provisioning view.
- 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.
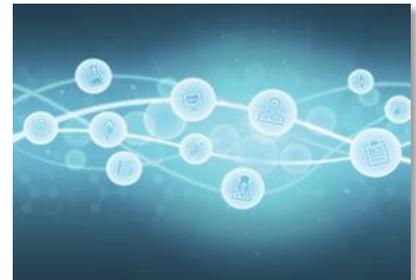
NNDSS Data Publication

- A hardware problem resulted in incomplete NNDSS data for week 21. Week 21 NNDSS case counts were updated on CDC WONDER and CDC.data.gov on Thursday, 6/7/17. The following sections were updated:
    - Table I columns: "Current week," "Cum 2017," "5-year weekly average," "Total cases reported for 2016," and "States reporting cases during current week" and
    - Table II columns: "Current week," "Previous 52 weeks (Med/Max)," "Cum 2017," and "Cum 2016."

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, Michigan, Minnesota, New York, and Oregon.
- States in the onboarding process for generic v2 include Alaska, California, Illinois, Kansas, Mississippi, New Hampshire, South Carolina, and Wisconsin.

Hepatitis

- States now in production for hepatitis are Florida, Idaho, Michigan, Minnesota, and Oregon.
- California is in the onboarding process for hepatitis. South Carolina is expected to begin the onboarding process soon.

HL7 Case Notification Messages in DEVELOPMENT

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

- The babesiosis MMG team continues updating the guide based on the external review comments.

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

- MVPS is preparing to initiate software development to implement these MMGs.

Foodborne and Diarrheal Disease (FDD) (Requirements Analysis):

- The NMI team reviewed the latest version of the FDD MMG and followed up with the Foodborne MMG team.
- The subject matter experts are beginning to work on the listeriosis data variables.

Malaria MMG (Stage I—Draft)

- The 30-day comment period for the draft malaria artifacts ended on 6/4/17.

Measles MMG (Stage I—Draft)

- No new updates at this time.

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

- The MMG team performed quality assurance of the mumps and pertussis test messages and shared the mumps and pertussis test messages with the external implementers for feedback.

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

- The MMG teams submitted non-substantive change requests to the Office of Management and Budget for approval to include new data elements in both the rubella and CRS guides.

Trichinellosis (Requirements Analysis)

- No new updates at this time.

Varicella MMG (Stage I—Draft)

- The MMG team continues to update the guide and the Varicella Annotated Surveillance Worksheet based on the feedback from the arboviral MMG team peer review.

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/

Legend:
- ■ = Pilot (purple)
- ■ = Receiving TA (light blue)
- ■ = Onboarding (blue)
- ■ = Message In Production (green)

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

*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; 7/18/17, 3:00PM ET; http://www.cdc.gov/nmi/eshare.html

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