NMI Notes June 2016
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NMI Notes

CDC CENTERS FOR DISEASE CONTROL AND PREVENTION   **CSTE**   **APHL**

NNDSS Modernization Initiatve (NMI)   JUNE 2016

Sent to: State Epidemiologists, Deputy State Epidemiologists, CSTE Surveillance/Informatics and Infectious Disease Points of Contact, and NMI Notes Subscribers

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.*

NNDSS
National Notifiable Diseases Surveillance System

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UPCOMING EVENTS

Notifiable Conditions Topic Area Now Available on CDC WONDER:
CDC WONDER has added a "Nationally Notifiable Conditions" topic area on its web site to make data on notifiable infectious diseases, noninfectious conditions, and disease outbreaks easily accessible in one online location. Available at http://wonder.cdc.gov/WelcomeT.html#NNDSS, the new topic area was developed in collaboration with the CDC notifiable noninfectious conditions programs and as a follow-up to discussions between CDC and CSTE in 2015 on making notifiable conditions data more accessible to the jurisdictions and the public online.

Providing this access at a single web site is also consistent with the work CDC has done to respond to a 2013 request from CSTE that CDC include notifiable noninfectious conditions and disease outbreaks data in the *Morbidity and Mortality Weekly Report* publication of the annual summary of notifiable infectious diseases.

MESSAGE MAPPING GUIDE DEVELOPMENT UPDATES

Priority MMGs Update: Final versions of the Generic v2,

Hepatitis, and Arboviral v1.3 Message Mapping Guides (MMGs) and their 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: The 30-day external comment period for the draft Varicella MMG closed on 6/8/16. CDC received several comments from jurisdictions and is preparing responses to these questions.

New MMGs Identified for Development in 2016: CDC posted draft MMGs for Malaria and Babesiosis to the NNDSS HL7 Case Notification Resource Center at https://wwwn.cdc.gov/nndss/case-notification/ for 30-day external reviews; the review period for Malaria is 6/7/16 to 7/20/16, and the review period for Babesiosis is 6/15/16 to 7/27/16. CDC expects to post the draft Measles MMG to the NNDSS HL7 Case Notification Resource Center in late June for a 30-day external review. 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 Initial Release of Generic v2 and Hepatitis: CDC is incorporating final improvements to the Message Validation, Processing, and Provisioning System (MVPS) to prepare for the expected onboarding of jurisdictions for Generic v2 and Hepatitis case notification messages later this summer. MVPS is undergoing extensive internal testing to ensure that the system is of the highest quality.

Jurisdictions Encouraged to Check SAMS Access: In anticipation of MVPS being ready to accept data from jurisdictions for Generic v2 and Hepatitis 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.

METS Expected To Be Available in July: CDC expects that the Message Evaluation and Testing Service (METS) will be available for jurisdictions to use to validate their case notification messages in July. CDC will provide guidance materials about METS, when launched, to help jurisdictions use the tool.

TECHNICAL ASSISTANCE UPDATES

June NMI eSHARE Focused on Jurisdictions' Experience in Preparing for HL7 Case Notification Implementation: On 6/16/16, CDC hosted an eSHARE webinar with a roundtable of four public health jurisdictions who discussed their experience in preparing for HL7 case notification implementation. It presented solutions that may work for other jurisdictions and that encourage collaboration and sharing:

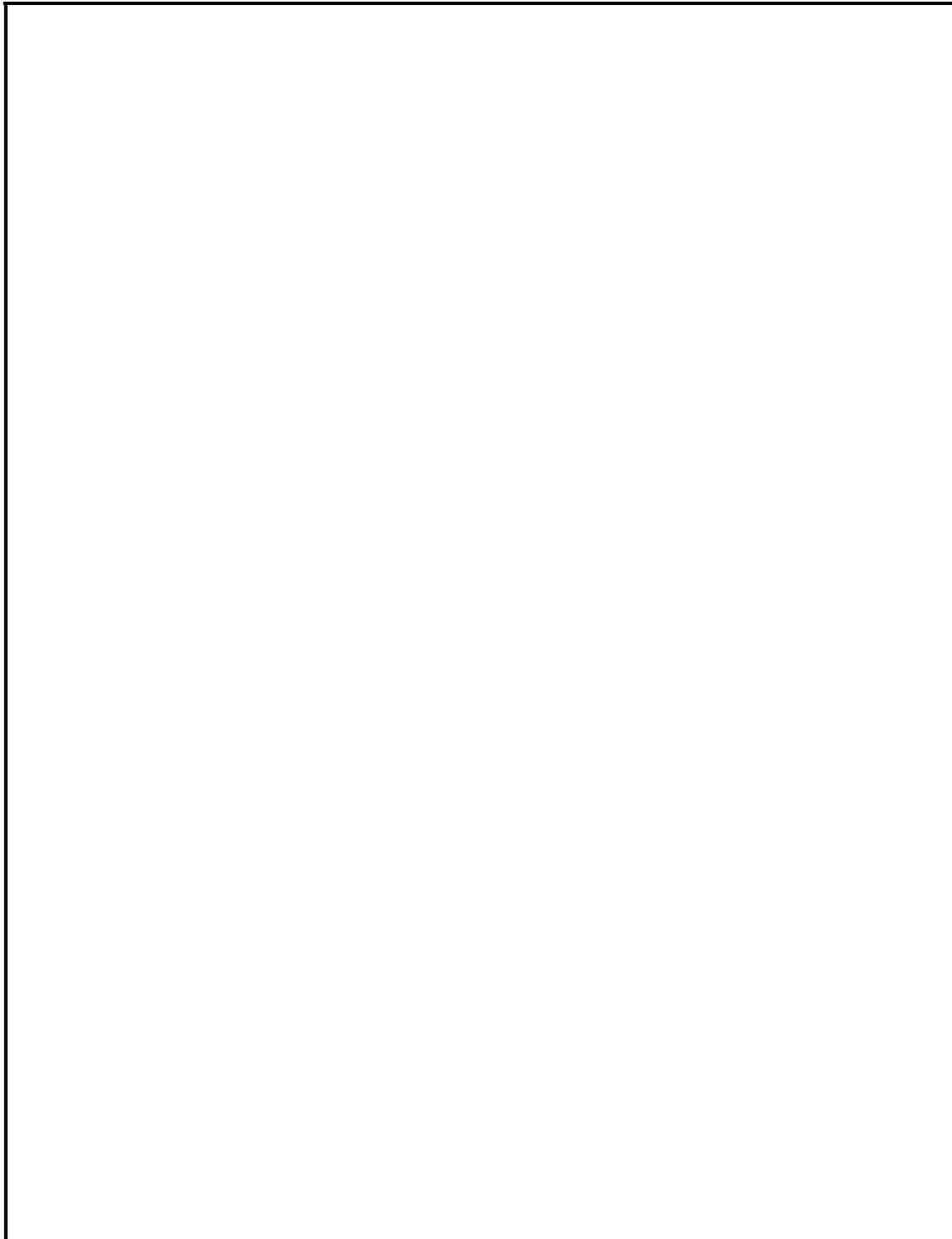- collaborating on new data collection pages: panelists

from Louisiana and Tennessee,
- incorporating data from sub-jurisdictions using different systems: panelist from California, and
- using a data warehouse to generate and manage notifications: panelist from Minnesota.

Upcoming eSHARE Events Planned: The next regular NMI eSHARE event is scheduled for 7/21/16 at 3:00–4:00pm ET and will provide highlights from the CSTE Annual Meeting that occurred in Anchorage, Alaska, in June 2016. 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
Alabama						
STD	NBS	X	X	X	X	X
Arizona						
CS	Non-NBS	X	In Process			
STD	Non-NBS	X	In Process			
Arkansas						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
California						
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	In Process	In Process
Florida						
Arbo V1.3	Non-NBS	X	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			
Idaho						
STD	NBS	X	X	X	X	X
Kentucky						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
Louisiana						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
Michigan						
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	
Minnesota						
Gen V2	Non-NBS	X	X	X	X	X
HEP	Non-NBS	X	X	X	X	X
New York						
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	
North Carolina						
CS	Non-NBS	In Process				
STD	Non-NBS	In Process				
Oregon						
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	
Tennessee						
Gen V2	NBS	X	X	X	X	X
HEP	NBS	X	X	X	X	X
Texas						
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: CSTE Annual Meeting Highlights: **7/21/16, 3:00pm ET**;

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

PHI Conference: **8/21–24/16**;

http://phiconference.org/

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