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### Overall Updates

#### NNDSS Program Manager Recruitment Announced

- CDC is now recruiting for the NNDSS Program Manager position. The individual selected for this Health Scientist (Informatics) GS-14 0601 position will lead the NNDSS program, establishing objectives, ensuring that goals are achieved, and coordinating program modernization.
- Located in Atlanta, Georgia, in the CDC Division of Health Informatics and Surveillance (DHIS), the position includes the following duties and responsibilities:
  - Supports cross-functional coordination of project activities and schedules across DHIS branches, teams, and sections.
  - Guides evolution of the program's long-range strategic plan as it transitions from a modernization effort to ongoing support and innovative improvement.
  - Ensures the application of sound science and integration of technology opportunities.
  - Liaises internally with CDC programs and externally with interagency partners and jurisdictions to establish collaborations and partnerships that advance surveillance effectiveness.
- To be considered, external applicants must reply to the job announcement (vacancy number: HHS-CDC-D6-18-10224441) posted in USA Jobs (<https://www.usajobs.gov/>) by Monday, July 9, 2018.
- For more information, visit the NMI Newsroom at <https://www.cdc.gov/nmi/newsroom.html> or contact Lesliann Helmus, DHIS Associate Director for Surveillance, at [lth7@cdc.gov](mailto:lth7@cdc.gov) or (404) 498-0167.



#### 2018 CSTE Annual Conference: Many Thanks for Your Feedback on NNDSS!

- The NMI team participated in several workshop, breakout, and roundtable sessions at the 2018 CSTE Annual Conference in West Palm Beach, FL, on 6/10/18–6/14/18.
- Thank you to the jurisdictions for the valuable feedback on NNDSS and NMI that you provided during these sessions and in one-on-one interactions with the NMI team.
- We value your input and look forward to our continued collaboration on NMI!

## NMI eSHARE Updates

- The July NMI eSHARE session is scheduled for 7/17/18 at 3:00 PM ET and will provide a recap of NNDSS-related highlights from last month's 2018 CSTE Annual Conference.
- Access past eSHARE presentations and details about future events at the NMI eSHARE website at <http://www.cdc.gov/nmi/eshare.html>.

## SAMS Access Reminder

- The NMI team encourages all non-pilot jurisdictions to complete the Secure Access Management Services (SAMS) proofing process and confirm their access with the Message Validation, Processing, and Provisioning System (MVPS) support team.
- More information about SAMS access and training may be found on the NMI website at <https://www.cdc.gov/nmi/ta-sams.html>.

## Production HL7 Case Notification Messages

### Arboviral v1.3

- There are 12 jurisdictions in production for arboviral.
- Nebraska, North Dakota, Rhode Island, and Washington are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.



### Generic v2

- There are 17 jurisdictions in production for generic v2.
- Alabama, New Hampshire, and Utah are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

### Hepatitis

- There are 9 jurisdictions in production for hepatitis.
- Alabama, California, Louisiana, South Carolina, Tennessee, and Wisconsin are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

## Developing HL7 Case Notification Messages

### Babesiosis MMG (Stage II—Pilot Test-ready)

- The MMG is ready for pilot testing and MVPS development.
- CDC is choosing pilot states for the babesiosis MMG pilot process.
- The babesiosis MMG will be piloted in conjunction with the trichinellosis and malaria MMGs.

Valid Values	HL7 Message Context	HL7 Data Type
<ul style="list-style-type: none"> <li>• FIPS Codes</li> <li>• Country</li> <li>• Codes for Provinces and States</li> </ul>	<ul style="list-style-type: none"> <li>• OBX segment with OBX-3=INV503</li> <li>• OBX-5=Value from value Set</li> </ul>	CWE
	<ul style="list-style-type: none"> <li>• OBX segment with OBX-3=INV504</li> <li>• OBX-5=String (up to 199 characters)</li> </ul>	ST RE

### Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE) MMG (Requirements Analysis)

- CDC is reviewing and updating the guide.

### **Congenital Syphilis (CS) and STD MMGs (Stage III—Final MMG)**

- Final congenital syphilis and STD MMGs are available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- You can now use these guides to begin implementing your case notification messages in preparation for onboarding.

### **Foodborne and Diarrheal Disease (FDD) MMG (Stage II—Pilot Test-ready)**

- CDC is finalizing the pilot test-ready versions of the test scenarios and test messages.
- The MVPS team has begun development work on the FDD MMG.

### **Listeriosis MMG (Requirements Analysis)**

- The CDC program has begun development work on the listeriosis MMG.

### **Lyme and Tickborne MMGs (Requirements Analysis)**

- CDC has begun development work on the lyme and tickborne MMGs.

### **Malaria MMG (Stage II—Pilot Test-ready)**

- The MVPS team is completing development work on the malaria MMG.
- It will be piloted in conjunction with the babesiosis and trichinellosis MMGs.

### **Measles MMG (Stage I—Draft)**

- CDC is making a value set change to the MMG.

### **Mumps and Pertussis MMGs (Stage III—Final)**

- Final mumps and pertussis MMGs are available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- You can now use these guides to begin implementing your case notification messages in preparation for onboarding.

### **Respiratory and Invasive Bacterial Disease (RIBD) MMG (Stage II—Pilot Test-ready)**

- CDC is reviewing and updating the pilot test-ready guide.

### **Rubella and Congenital Rubella Syndrome (CRS) MMGs (Stage II—Pilot Test-ready)**

- The NMI team is reviewing pilot test-ready versions of the MMGs and associated artifacts.

### **Trichinellosis (Pilot Test Ready—Accelerated Development Pilot)**

- The MMG is ready for MVPS development.
- It will be piloted in conjunction with the babesiosis and malaria MMGs.

### **Tuberculosis (TB) and Latent Tuberculosis Infection (LTBI) MMG (Pilot Test-ready—Accelerated Development Pilot)**

- CDC posted a work-estimate version of the MMG to the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html> for jurisdictions to reference during the upgrading of their surveillance systems.

### **Varicella MMG (Stage III—Final)**

- The final varicella MMG is available on the NNDSS HL7 Case Notification Resource Center at <https://wwwn.cdc.gov/nndss/case-notification/message-mapping-guides.html>.
- You can now use this guide to begin implementing your case notification messages in preparation for onboarding.

## 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/>



### Jurisdiction Implementation of NNDSS HL7 Case Notification Messages

■ = Message in Production   
 ■ = Onboarding   
 ■ = Receiving TA   
 ■ = Pilot

Jurisdiction	Arboviral	Generic Version 2	Hepatitis	Congenital Syphilis*	Foodborne Diarrheal Disease*	Mumps*	Pertussis*	Sexually Transmitted Diseases*	Varicella*
Alabama									
Alaska									
Arizona									
Arkansas									
California									
Delaware									
Florida									
Idaho									
Illinois									
Indiana									
Iowa									
Kansas									
Kentucky									
Louisiana									
Maine									
Maryland									
Massachusetts									
Michigan									
Minnesota									
Mississippi									
Nebraska									
New Hampshire									
New Jersey									
New York									
New York City									
North Carolina									
North Dakota									
Oregon									
Rhode Island									
South Carolina									
South Dakota									
Tennessee									
Texas									
Utah									
Virginia									
Washington									
West Virginia									
Wisconsin									

\* These guides are currently being piloted by a small number of states and are not yet available to other states for implementation.

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

## Upcoming Events

- NMI eSHARE; 7/17/18, 3:00PM ET;  
<http://www.cdc.gov/nmi/eshare.html>
- 2018 Public Health Informatics Conference; 8/20/18 to 8/23/18:  
<http://phiconference.org/>



**Have questions or feedback on NMI Notes? Email [edx@cdc.gov](mailto:edx@cdc.gov).**

*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*.

**Centers for Disease Control and Prevention | Council of State and Territorial**

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