



NMI Notes



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Overall Updates

Release 4 of 2019 Event Code List Now Available

- Release 4 of the NNDSS 2019 Event Code List is available on the [NNDSS website](#). Release 4 has the same list of conditions included in Release 3. Here's what's new in Release 4:
 - The Preferred New HL7 Message column indicates the preferred HL7 message for submitting a case notification to CDC. This new column replaces the Preferred Mechanism column in previous event code list releases, which listed the various message mapping guides (MMGs) to use for each listed condition.
 - The Alternative Message column indicates the alternative message to be used if senders are not able to use the preferred HL7 message. This column replaced the Alternative Mechanism column in previous event code list releases.
 - The bolding and asterisks associated with condition names in the Event Name column have been removed. Use the Nationally Notifiable column to ascertain if the condition is nationally notifiable or not.
 - The Verification column no longer references the *Morbidity and Mortality Weekly Report (MMWR)* because NNDSS data tables are no longer published in *MMWR*.
 - The Generic only subset of the event code list is no longer being created because the two new columns can be filtered to identify which conditions can use a Generic message.
- We will plan for quarterly releases of the event code list, if needed, to ensure that information is updated.

NMI eSHARE Updates

- The next NMI eSHARE session will be held on Tuesday, 11/19/19, at 3:00 PM ET. The webinar will feature a jurisdiction's approach to implementing HL7 case notification messages.
- Access past eSHARE presentations and details about future events at the [NMI eSHARE website](#).

Join a Cohort to Jumpstart Your MMG Implementations!

- The NMI APHL Technical Assistance team is launching technical assistance to help groups, or *cohorts*, of public health agencies build and implement NNDSS HL7 case notification messages.
- Cohorts of 4–6 public health agencies will focus on specific message mapping guides.
- APHL subject matter experts will guide participants through planning, gap analysis, data extraction, HL7 message creation, and validation. At completion, public health agencies will be ready to begin onboarding.
- For those interested in joining a cohort, please email the CDC Electronic Data Exchange mailbox at edx@cdc.gov.

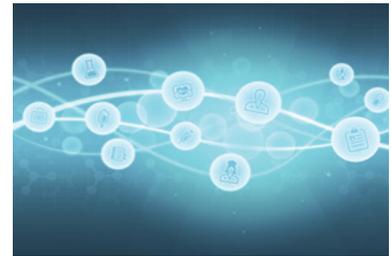
SAMS Access Reminder

- The NMI team encourages all 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](#).

Production HL7 Case Notification Messages

Arboviral v1.3

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- There are 21 jurisdictions in production for arboviral.
- Alabama, Indiana, Louisiana, Montana, New Jersey, Washington, and Wyoming are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.



Congenital Syphilis (CS) and STD

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- CDC is working on a schedule for states waiting to onboard and will provide details in future status updates.
- Pilot jurisdictions Connecticut, Michigan, and North Carolina are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Foodborne and Diarrheal Diseases (FDD)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Pilot jurisdiction Oregon is engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Generic v2

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- There are 28 jurisdictions in production for generic v2. **Tennessee is the latest jurisdiction in production. Congratulations, Tennessee!**
- Indiana, Kentucky, Pennsylvania, and Rhode Island are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Hepatitis

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- There are 17 jurisdictions in production for hepatitis.
- Iowa, Nebraska, Puerto Rico, and Rhode Island are engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Mumps and Pertussis

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Due to work on other MMGs from this center, CDC anticipates opening onboarding to additional jurisdictions in early 2020.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Tuberculosis (TB) and Latent Tuberculosis Infection (LTBI)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
 - CDC expects to post minor updates to the MMG (v 3.0.2) and artifacts by early November.
- Pilot jurisdiction Arizona is engaged in onboarding.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Varicella

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Due to work on other MMGs from this center, CDC anticipates opening onboarding to additional jurisdictions in early 2020.
- Please see the chart below, "[Jurisdiction Implementation of NNDSS HL7 Case Notification Messages](#)," for more details.

Developing HL7 Case Notification Messages

Babesiosis (Stage III—Final MMG)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Please use this guide to begin implementing your case notification messages in preparation for onboarding.

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

Bacterial Special Pathogens (Requirements Analysis)

- CDC is developing separate MMGs for brucellosis, anthrax, leptospirosis, and Hansen's disease.
- The CDC MMG team and CDC program are holding weekly MMG development meetings.

Carbon Monoxide Poisoning (CO) (Stage I—Draft)

- CDC has reconciled feedback received during the MMG external review period and expects to complete a pilot test-ready version of the MMG in early November.
- CDC finalized the list of data elements and included them in the 2019 Office of Management and Budget (OMB) revision, which was submitted in October.

Healthcare Associated Infections, Multi-Drug Resistant Organisms (HAI MDRO) (Stage II—Pilot Test-ready)

- CDC is finalizing the MMG and artifacts.
- CDC successfully completed HAI MDRO user acceptance testing, held 10/7/19 to 10/11/19, with pilot jurisdictions and the CDC program.

Lead Poisoning (Requirements Analysis)

- The CDC program has delayed work on this MMG at this time.

Listeriosis (Stage I—Draft)

- No new updates at this time.

Lyme and Tickborne Rickettsial Diseases (TBRD) (Stage III—Final MMG)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Please use this guide to begin implementing your case notification messages in preparation for onboarding.

Malaria (Stage III—Final MMG)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Please use this guide to begin implementing your case notification messages in preparation for onboarding.

Measles (Stage II—Pilot Test-ready)

- Piloting is underway.
- CDC is piloting this guide in conjunction with the rubella and CRS MMGs.

Respiratory and Invasive Bacterial Disease (RIBD) (Stage III—Final MMG)

- CDC is finalizing the MMG and artifacts.
- CDC expects to post the final MMG on the [NNDSS HL7 Case Notification Resource Center](#) soon.

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

- Piloting is underway.
- CDC is piloting these guides in conjunction with the measles MMG.

Trichinellosis (Stage III—Final MMG)

- The MMG and artifacts are available on the [NNDSS HL7 Case Notification Resource Center](#).
- Please 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/>
- 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: <https://www.cdc.gov/nmi/eshare.html>
- NMI Newsroom: <https://www.cdc.gov/nmi/newsroom.html>
- NMI Internet Site (includes NMI fact sheets and FAQs): <https://www.cdc.gov/nmi/>



Jurisdiction Implementation of NNDSS HL7 Case Notification Messages

■ = Message in Production
 ■ = Onboarding
 ■ = Receiving TA
 ■ = Pilot
 = Finalized Guide
 = In Pilot

Jurisdiction	Arboviral	GenV2	Hepatitis	Congenital Syphilis	STD	Mumps	Pertussis	Varicella	Foodborne Diarrheal Disease	TB/LTBI	Malaria*	Trichinellosis*	Babesiosis*	RIBD*	Lyme/TBRD*	HAI MDRO*	Rubella*	CRS*	Measles*
Alabama																			
Alaska																			
Arizona																			
Arkansas																			
California																			
Colorado																			
Connecticut																			
Delaware																			
Florida																			
Georgia																			
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New York																			
New York City																			
North Carolina																			
North Dakota																			
Oregon																			
Pennsylvania																			
Rhode Island																			
Puerto Rico																			
South Carolina																			
South Dakota																			
Tennessee																			
Texas																			
Utah																			
Virginia																			
Washington																			
West Virginia																			
Wisconsin																			
Wyoming																			

* 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; 11/19/19, 3:00PM ET;
<https://www.cdc.gov/nmi/eshare.html>

Have questions or feedback on NMI Notes? Email 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
Epidemiologists | Association of Public Health Laboratories***

Write: edx@cdc.gov Visit: www.cdc.gov/nmi

www.cste.org