

September 2021

Case Surveillance News



! Mark Your Calendars

September 2021: Open Forum sessions on new data processing functions and system enhancements in the Message Validation, Processing, and Provisioning System (MVPS) released on August 14, 2021:

- **September 16, 2021 4:30 PM ET**
- **September 20, 2021 3:30 PM ET**
- **September 28, 2021 4:00 PM ET**

More information about these sessions is available in the [News You Can Use](#) section.

September 21 3:00-4:00 PM ET: eSHARE webinar: Improvements to the HL7 Message Mapping Guide (MMG) Onboarding Process

October 29, 2021: Deadline to

- sign off on final 2020 reconciliation data and
- send NNDSS final aggregate 2020 COVID-19 case counts

June 19–23, 2022: Council of State and Territorial Epidemiologists (CSTE) Annual Conference, Louisville, Kentucky

Top Stories

New NNDSS Data Processing Functions and Enhancements Now Available

On August 14, 2021, the CDC NNDSS team released new key data processing functions and enhancements to MVPS.

Public health reporting jurisdictions and participating CDC programs can now look into the data processing “black box” for the first time and review data submitted to CDC. The enhancements:

- Automate processing of all NNDSS data streams in MVPS. In addition to HL7 case notifications, MVPS can be used to track processing of case notifications sent using legacy HL7, NEDSS Base System (NBS) Master Message, and National Electronic Telecommunications System for Surveillance (NETSS) files.
- Allow greater transparency of transactions for the four case notification types, providing easier troubleshooting on data receipt and processing.
- Make MVPS the source for weekly and annual NNDSS publication.
- Provide new user interface functionalities that will make it easier for public health jurisdictions and CDC programs to review messages, errors and warnings, and case counts; delete cases or groups of cases (jurisdiction users); and verify cases for low incidence conditions before publication.



Learn more about these new features and enhancements in the [August 10, 2021 NNDSS eSHARE webinar archive](#) or see the [News You Can Use](#) section for information about open forum learning sessions.

These new features and enhancements support the CDC Data Modernization Initiative to improve timeliness and quality of data, better coordinate data activities and systems, and reduce burden on data partners.

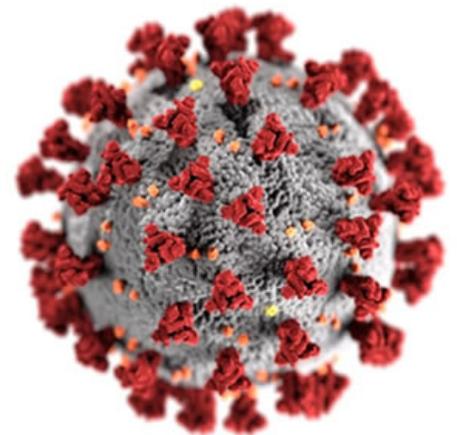
If you experience any issues with the system or have questions about the new functionalities, please email the CDC Electronic Data Exchange mailbox at edx@cdc.gov with the subject line "MVPS features."

New 2021 COVID-19 Case Definition

On June 17, 2021, the Council of State and Territorial Epidemiologists (CSTE) approved position statement [21-ID-01](#)   titled "Update to the standardized surveillance case definition and national notification for 2019 novel coronavirus disease (COVID-19)." For COVID-19 cases identified beginning **September 1, 2021**, jurisdictions should use the case definition approved on June 17, 2021, in position statement 21-ID-01. Jurisdictions should not retroactively change the classification of cases reported prior to September 1, 2021.

The new 2021 COVID-19 case definition:

- updates clinical criteria indicative of infection;
- refines and expands laboratory criteria to include genomic sequencing;
- updates epidemiologic linkage criteria and the definition of a close contact;
- acknowledges testing performed in non-traditional settings such as work sites, temporary testing sites, and homes;
- specifies criteria for enumerating new cases in persons previously classified as a probable or confirmed case (i.e., reinfections); and
- clarifies that a case meeting clinical criteria and epidemiologic linkage with no confirmatory or presumptive laboratory evidence for SARS-CoV-2 is classified as probable.



Learn more about [the new 2021 case definition](#).

eSHARE Webinars

September Topic: Improvements to the HL7 MMG Onboarding Process

Mark your calendar for the next NNDSS eSHARE session, scheduled for **Tuesday, September 21, 2021, from 3:00-4:00 PM ET.**

The Data Standardization and Assistance Team will outline updates to the onboarding process with the intent to fully adopt in January 2022. This streamlined process aims to clarify steps, expectations, roles and responsibilities, and timelines to reduce overall onboarding time.

To join a webinar, please see your Outlook invitation or contact the CDC Electronic Data Exchange mailbox at edx@cdc.gov for login information.

[Visit eSHARE archives](#)

Message Mapping Guides Roundup

COVID-19 Message Mapping Guide

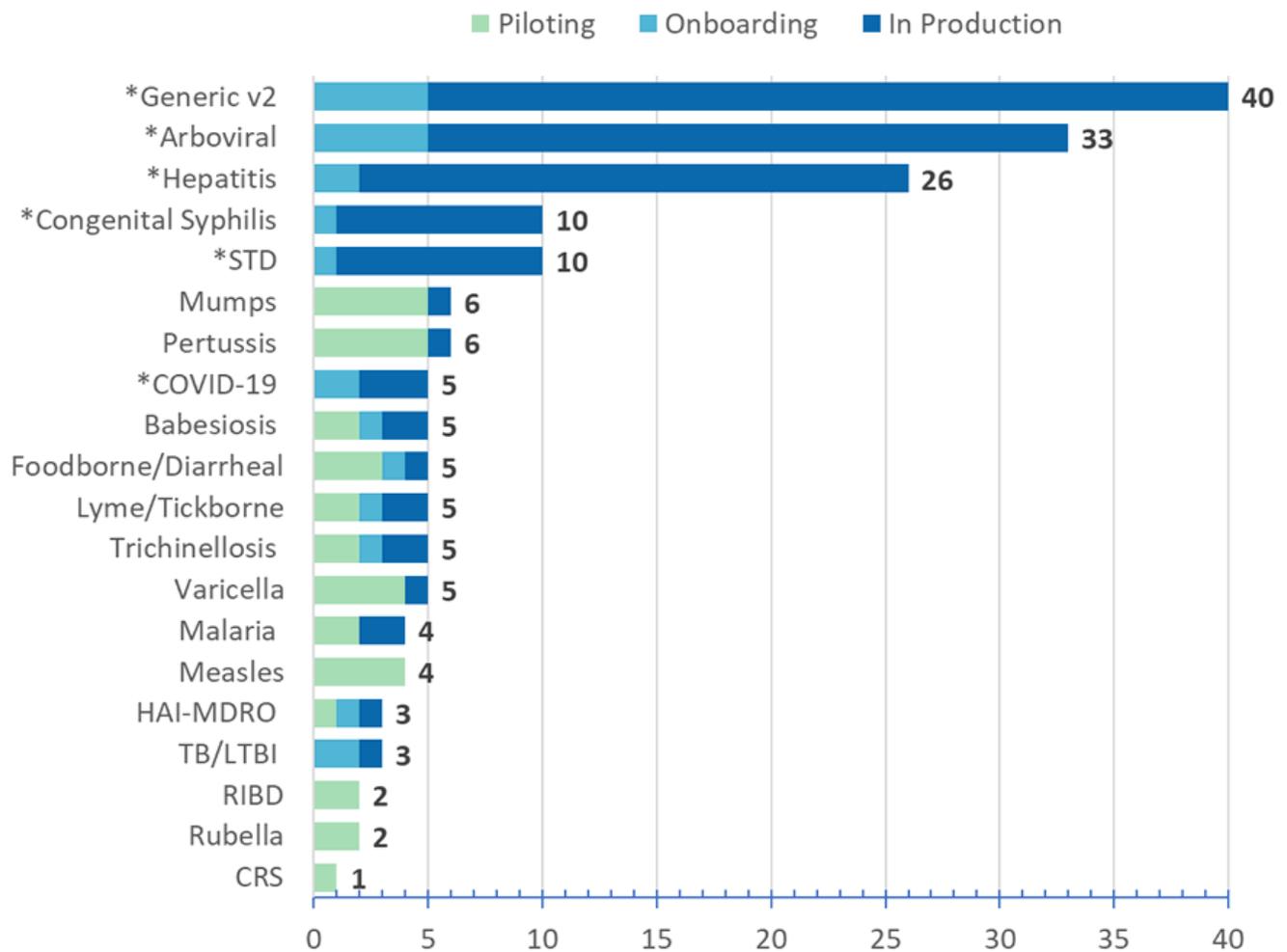
- The PHIN Vocabulary Access and Distribution System COVID-19 Case Notification View [version 9](#) is now available, including six additional values to [Signs and Symptoms \(COVID-19\)](#), an additional value to [Lab Test Type \(COVID-19\)](#), and two additional values for both [Vaccine Type \(NND\)](#) and [Manufacturers of vaccines \(MVX\)](#).
- CDC expects to release Version 1.1 of the COVID-19 MMG by the end of September. This version adds three new data elements: two for reinfection and one in the laboratory repeating group to capture sequencing ID.

Congratulations to the following jurisdictions in production:

- Oregon for FDD and
- Wisconsin for STD and Congenital Syphilis.

If you are interested in joining a cohort or onboarding an MMG, please email the CDC Electronic Data Exchange mailbox at edx@cdc.gov.

Number of Jurisdictions Implementing Final MMGs



*These guides are open for general onboarding.

Combined Total

[View Larger](#)

Data Table

Final Guides	Piloting	Onboarding	In Production	Total
CRS	1	0	0	1
Rubella	2	0	0	2
RIBD	2	0	0	2
TB/LTBI	0	2	1	3
HAI-MDRO	1	1	1	3
Measles	4	0	0	4
Malaria	2	0	2	4
Varicella	4	0	1	5
Trichinellosis	2	1	2	5
Lyme/Tickborne	2	1	2	5
Foodborne/Diarrheal	3	1	1	5
Babesiosis	2	1	2	5
*COVID-19	0	2	3	5
Pertussis	5	0	1	6
Mumps	5	0	1	6
*STD	0	1	9	10
*Congenital Syphilis	0	1	9	10
*Hepatitis	0	2	24	26
*Arboviral	0	5	28	33
*Generic v2	0	5	35	40

News You Can Use

Open Forum sessions to help jurisdictions learn new MVPS features

NNDSS is offering open forum sessions to further assist jurisdictions with using data processing functionalities and system enhancements in MVPS. These sessions will give jurisdictions an opportunity to ask in-depth questions about MVPS and get feedback from the NNDSS team.

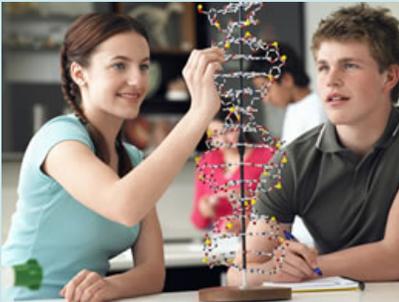
Open Forum: September 16, 2021 – 4:30pm EDT

Open Forum: September 20, 2021 – 3:30pm EDT

Open Forum: September 28, 2021 – 4:00pm EDT

Please be on the lookout for additional details and teleconference information. For more information, email edx@cdc.gov.

Spotlight: New “STEM at CDC” Website



To help inspire science, technology, engineering, and math (STEM) learners and build the next-generation public health workforce, CDC has launched the new [STEM at CDC](#) website. The new website provides a gateway to CDC's STEM-related resources, trainings, fellowships, and more. Here, public health professionals, students, and teachers can learn about careers in public health and how public health brings together STEM disciplines to create a healthier world. The new site also offers pathways for those interested in the core disciplines of STEM to consider public health as a career option.

The new [STEM at CDC](#) website features resources for:

- **College Students & Public Health Professionals:** Find fellowships, programs, and trainings to further public health careers.
- **Career Seekers:** Learn how public health is a STEM profession and where it can lead.
- **Students:** Access comic series, free apps, and more for fun science exploration for K-12.
- **Teachers:** Find lessons, modules, trainings, and events to enhance classroom learning for K-12.
- **Future Disease Detectives:** Access engaging videos showcasing CDC in action, the CDC Museum Disease Detective camp, and the CDC Science Ambassador Fellowship.

For more information, please contact stem@cdc.gov. #CDCSTEM

Quick Links

-  [Event Codes & Other Surveillance Resources](#)

-  [HL7 Message Mapping Guides & Artifacts](#)

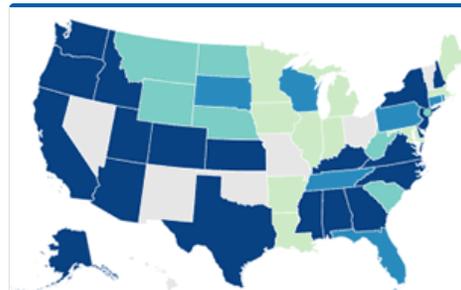
-  [HL7 Implementation & Onboarding Technical Assistance](#)

-  [Supporting Documents for Implementation](#)

-  [Q&A for Implementation](#)

-  [eSHARE Training Webinars](#)

-  [Acronyms & Abbreviations](#)



State Implementation Status Map

This interactive map shows the status of state public health departments who are piloting, receiving technical assistance, onboarding, or in production for NNDSS HL7 case notification messages.



About this Newsletter

Case Surveillance News provides monthly news updates about the National Notifiable Diseases Surveillance System (NNDSS). It is a collaboration by these partners:



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