CDC Centers for Disease Control and Prevention

National Notifiable Diseases Surveillance System (NNDSS)

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December 2022

Case Surveillance News

NNDSS National Notifiable Diseases Surveillance System

! Mark Your Calendars

December 29, 2022: EXTENDED Deadline to:

- sign off on final 2021 NNDSS data and
- send NNDSS final aggregate 2021 COVID-19 case counts.

January 17, 2023, 3:00—4:00 PM ET: January eSHARE Webinar: "What Jurisdictions Need to Know for 2023." There will not be an eSHARE webinar in December 2022.

Top Stories

CDC releases new interactive tool for annual NNDSS data

On December 15, 2022, CDC's Wide-ranging Online Data for Epidemiologic Research (WONDER) and the National Notifiable Diseases Surveillance System (NNDSS) released a new interactive tool for users of NNDSS annual data on CDC WONDER.

A key data source for public health, the NNDSS annual tables provide information on cases of selected infectious national notifiable diseases and conditions sent to CDC by U.S. states and territories. These enhancements are part of CDC's efforts to modernize public health data systems

The new interactive tool:

- Allows users of NNDSS annual data to create data visualizations customized to their needs.
- Offers more flexibility to focus their analyses and understand trends and patterns, such as comparing NNDSS data across years, specific populations, diseases and conditions, and geographic areas.
- Enhances user experience compared to the current, fixed format annual data tables.
- Makes NNDSS data more transparent.

With the release of these new interactive features, CDC is not adding any new data elements to NNDSS data displays or the ability to stratify existing NNDSS data elements in ways not previously available.

To learn more about these new features, access the presentation slides and recording for the October 18, 2022, eSHARE webinar in our eSHARE webinars archive.

Contact cwus@cdc.gov if you have questions about these new features.

Extended deadline to complete 2021 annual reconciliation and submit aggregate COVID-19 data

CDC would like to thank all jurisdictions for their sustained and tireless efforts to reconcile and finalize their 2021 data. Based on feedback from several jurisdictions, CDC has extended the deadline for these activities. **Thursday December 29, 2022, is now the deadline to:**

- send your State and Territorial Epidemiologist's approval of the final 2021 data to CDC and

- submit your 2021 aggregate COVID-19 counts to CDC.

CDC understands that jurisdictions have been busy with many different public health priorities this year. **If your jurisdiction is encountering challenges finalizing the data,** please contact your NNDSS Surveillance Officer listed below.

Did You Know?

Need help during 2021 annual reconciliation? Have questions about event codes or case definitions? **NNDSS Surveillance Officers** are here to help!

- **Keaton Hughes (**qwy4@cdc.gov**):** AL, AK, CA, HI, KS, ME, MA, MN, MO, NE, NC, ND, NYC, OR, PR, SC, VT, VA

- **Diana Onweh (**onw1@cdc.gov**):** AR, CO, CT, GA, ID, IA, IL, IN, LA, MD, MI, MS, NH, NV, PA, TN, TX, WA, WY

- **Alan Schley (**aso7@cdc.gov**):** AZ, DE, FL, KY, MT, NJ, NM, NY, OH, OK, RI, SD, UT, DC, WV, WI, territories

eSHARE Webinars

The November eSHARE, which provided information about NNDSS event code updates for 2023, emergency response case data elements, and implementation updates for CDC case surveillance enhancements, was held **November 17, 2022.** Visit the eSHARE archives to access the slides and recording for the November webinar.

The next eSHARE webinar, "What Jurisdictions Need to Know for 2023," will be held **January 17, 2023, 3:00—4:00 PM ET.** There will not be an eSHARE webinar in December 2022.

To join an eSHARE webinar, please see your calendar invitation or contact the CDC Electronic Data Exchange mailbox at edx@cdc.gov for login information with the subject line "eSHARE invitation."

Visit eSHARE archives
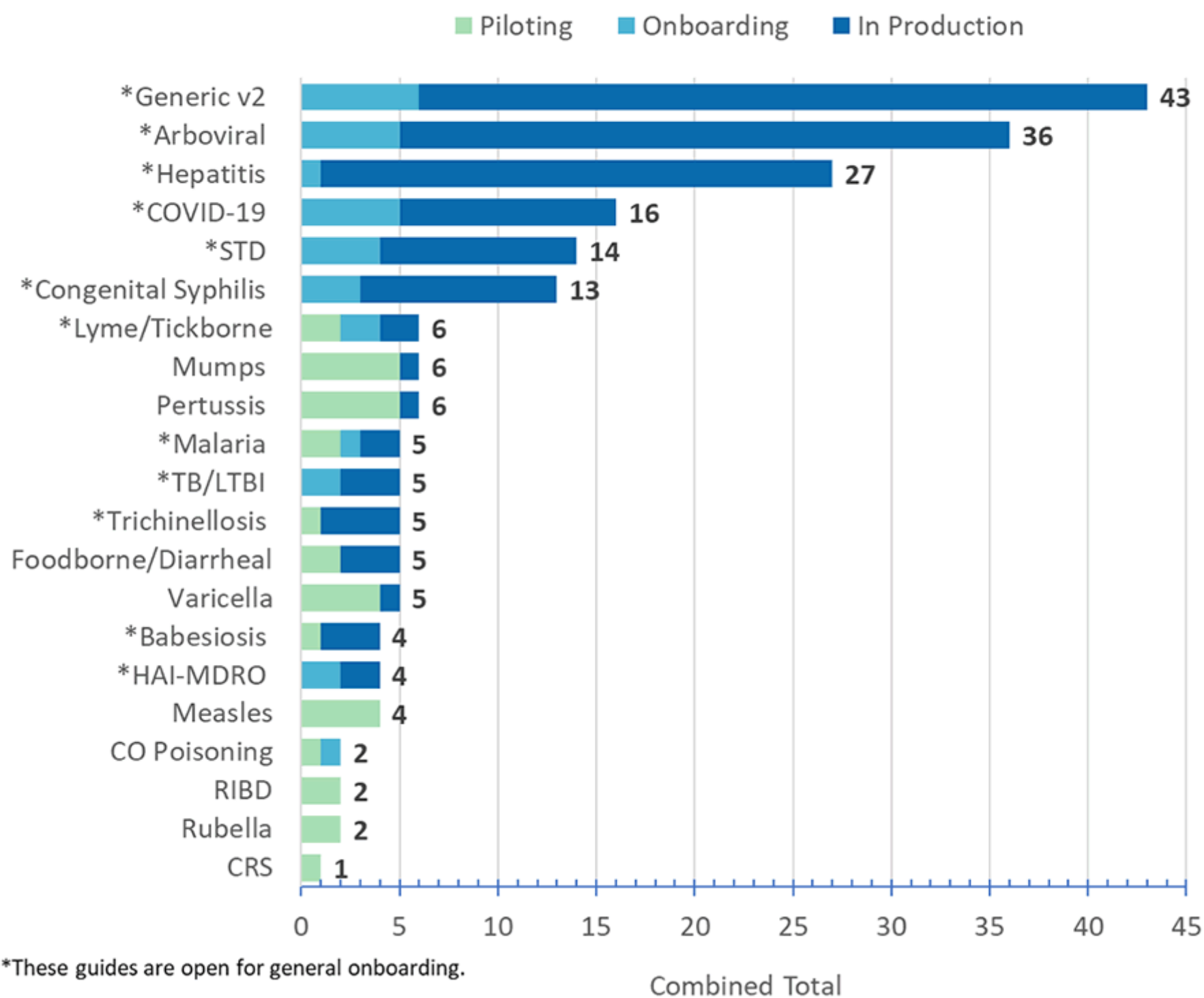
Message Mapping Guides Roundup

CDC is pausing most disease-specific (supplemental) message mapping guide (MMG) development and onboarding efforts. Learn more about how CDC is modernizing case surveillance. Get more information about CDC's progress in this month's News You Can Use section below.

Congratulations to the following jurisdiction(s) in production as of December 2!

- **Maine, Virginia, and Wisconsin** for the COVID-19 MMG

- **Rhode Island** for the HAI MDRO MMG

Number of Jurisdictions Implementing Final MMGs

Current as of December 2, 2022

Legend: ■ Piloting ■ Onboarding ■ In Production

Jurisdiction	Combined Total
*Generic v2	43
*Arboviral	36
*Hepatitis	27
*COVID-19	16
*STD	14
*Congenital Syphilis	13
*Lyme/Tickborne	6
Mumps	6
Pertussis	6
*Malaria	5
*TB/LTBI	5
*Trichinellosis	5
Foodborne/Diarrheal	5
Varicella	5
*Babesiosis	4
*HAI-MDRO	4
Measles	4
CO Poisoning	2
RIBD	2
Rubella	2
CRS	1

X-axis: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45 — Combined Total

*These guides are open for general onboarding.

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News You Can Use

Case Surveillance Modernization Update

To enhance case surveillance and reduce burden on state, local, and territorial jurisdictions participating in the National Notifiable Diseases Surveillance System (NNDSS), CDC is collaborating with jurisdictions and public health partners to modernize case surveillance.

CDC will share recurring operational progress updates through channels such as *Case Surveillance News* and monthly eSHARE training webinars. CDC will also share time-sensitive information about actions for jurisdictions, key milestones, and project decisions using the NNDSS email list via edx@cdc.gov.

CDC's Division of Health Informatics and Surveillance (DHIS) recently finished 1:1 implementation calls with CDC's disease-specific programs. In total, DHIS held 13 meetings with CDC programs with a message mapping guide. These meeting helped DHIS understand programs' surveillance needs and barriers to implementation programs may face. DHIS is now using programs' feedback to develop detailed implementation plans.

Jurisdiction support is critical to the success of this effort. CDC is continuing to work with jurisdictions to better understand their needs and status of MMG onboarding work. CDC encourages jurisdictions to give your input and feedback on any barriers or obstacles your organization may face with implementing the recommendations.
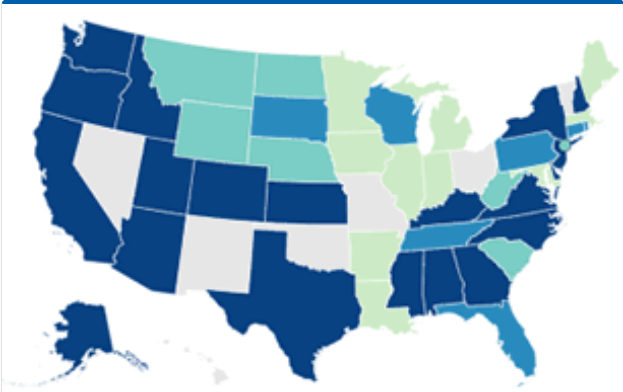
Access the November 15, 2022 eSHARE archives to find additional progress updates shared during the most recent eSHARE webinar.

Visit CDC's Frequently Asked Questions webpage to find answers to common questions from state, local, and territorial jurisdictions. Although we're still working on the answers to many of your questions, CDC will continue updating this page as we have more information to share.

You can also use this jurisdiction feedback form ⧉ to provide feedback and ask questions. We look forward to hearing from you!

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

ℹ️ Acronyms & Abbreviations

State Implementation Status Map

This interactive map shows the status of public health departments who are piloting, 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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Last Reviewed: December 22, 2022