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November 20, 2024  
Technical Resource Center  
At a glance  
The National Notifiable Disease Surveillance System (NNDSS) collects and coordinates data from across the U.S. to keep people healthy.  
This Technical Resource Center provides guidance, tools, and help needed to implement messages about notifiable diseases.  
Overview  
Use the message mapping guides (MMGs) to send notifications about Health level 7 (HL7  
®  
), arboviral, and other notifiable conditions. Learn more about the technical assistance (TA) available to you and how to make a request.  
MMG & Standards  
CDC maintains message mapping guides and related artifacts for all public health reporting jurisdictions to use when implementing NNDSS HL7 case notifications.  
Message Mapping Guides and Artifacts  
MMG Frequently Asked Questions  
Discover answers to commonly asked questions about message mapping guides (MMGs).  
Oct. 8, 2024  
MMG Implementation Frequently Asked Questions  
Questions and answers about implementing message mapping guides (MMGs) for HL7 case notifications to...  
Oct. 10, 2024  
Supporting Documents for Implementation  
Implementation & Onboarding  
MMG Implementation Overview  
An overview of how to implement message mapping guides (MMGs).  
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MMG Roles and Responsibilities  
Learn about the roles and responsibilities of the message mapping guide (MMG) onboarding process.  
Oct. 17, 2024  
MMG Implementation Phase 1: Pre-Onboarding  
Assistance for health departments submitting data to NNDSS complete the MMG pre-onboarding phase.  
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MMG Implementation Phase 2: Onboarding Process  
Discover how to complete the onboarding process for MMG implementation.  
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MMG Implementation Phase 3: Routine Notification  
Learn about next steps and best practices for jurisdictions that have completed MMG onboarding.  
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Implementing Arboviral Case Notifications: Step-by-Step  
Learn how to implement arboviral V.1 series HL7 case notifications.  
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MMG Onboarding Frequently Asked Questions  
Get the answers to frequently asked questions about message mapping guide (MMG) onboarding.  
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NNDSS Technical Assistance (TA)  
Learn about the technical assistance (TA) offered by the Data Standardization and Assistance Team.  
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NNDSS eSHARE Archives  
NNDSS eSHARE is a webinar series designed to better train and educate public health jurisdictions.  
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Pre-Onboarding Resources  
This collection of resources can help guide public health jurisdictions through HL7 case notification implementation. Resources include onboarding instructions, training webinars, and technical assistance.  
Readiness Checklist: HL7  
®  
Case Notification Implementation Public Health Agency (PHA)  
Use this readiness checklist for Health Level Seven (HL7) case notification implementation.  
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Pre-Onboarding Infrastructure Questions  
The questions on this page help assess infrastructure for NNDSS case notifications implementation.  
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Technical Documentation  
See a checklist of helpful documentation for Health Level Seven (HL7) case notifications.  
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MMG Implementation Phase 1: Pre-Onboarding  
Assistance for health departments submitting data to NNDSS complete the MMG pre-onboarding phase.  
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MMGs and Test Cases  
MVPS and other data systems  
The Message Validation, Processing, and Provisioning System (MVPS) receives, processes, and provisions data for national notifiable diseases. The Message Evaluation and Testing Service (METS) allows jurisdictions to validate HL7 messages against required vocabulary and programmatic standards. The CDC Secure Access Management Service (SAMS) manages user access to MVPS.  
Message Validation, Processing, and Provisioning System  
The Message Validation, Processing, and Provisioning System is software that receives NNDSS data.  
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Message Evaluation and Testing Service  
Learn more about the CDC Message Evaluation and Testing Service (METS) message validation service.  
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Secure Access Management Services Training Tools  
Access training tools for SAMS and the MVPS portal.  
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PHIN tools and resources  
PHIN tools provide standards and facilitate secure electronic message transport.  
PHINMS  
Facilitates secure electronic message transport between public health information systems.  
Feb. 6, 2024  
Vocabulary Access and Distribution System (VADS)  
Provides standards-based vocabularies for public health partners in one place.  
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PHIN Tools & Resources for Public Health  
PHIN Tools and Resources increase capacity for electronic exchange of health data and information.  
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Additional resources  
Event Codes & Other Surveillance Resources  
News  
Learn about and subscribe to Case Surveillance News.  
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Acronyms and Abbreviations  
Find definitions for commonly used Technical Resource Center acronyms and abbreviations.  
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National Notifiable Diseases Surveillance System (NNDSS)  
NNDSS receives and shares case data from state, local, and territorial health departments to help public health monitor, control, and prevent serious diseases.  
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