

NMI JOB AID

ONBOARDING SERIES



HOW TO CUTOVER TO PRODUCTION

Cutting over to production is the third of four National Notifiable Diseases Surveillance System (NNDSS) Modernization Initiative (NMI) onboarding process phases. This process helps public health agencies (PHAs) successfully onboard onto the Message Validation, Processing, and Provisioning System (MVPS) for each new HL7 message mapping guide (MMG) developed through NMI.

The “How to Cutover to Production” job aid will take you through the below steps to help your PHA migrate from the MVPS onboarding environment to the production environment.

Job aids are available for each phase of the onboarding process: pre-onboarding, onboarding, cutover to production, and production.

Onboarding Process

PRE-ONBOARDING

ONBOARDING

CUTOVER TO
PRODUCTION

PRODUCTION

PHASE III: CUTOVER TO PRODUCTION STEPS

CONDUCT A SYSTEM CHECK

- STEP 1:** PHA sends 10 production messages for each MMG being onboarded to the MVPS onboarding environment.
- STEP 2:** PHA sends an email to edx@cdc.gov to notify CDC when the limited production messages are sent.
- STEP 3:** PHA checks MVPS onboarding dashboard (mvpsonboard.cdc.gov; [registration required for access](#)) to see when messages arrive and review any errors or warnings identified in the messages.
- STEP 4:** NMI Onboarding Specialist reviews the limited production messages and either provides feedback to address any problems identified or sends an invitation to participate in a conference call to discuss the final steps of onboarding.
- STEP 5:** PHA attends conference call with CDC to discuss the final steps of onboarding and receives specific instructions on how to begin the cutover-to-production process.



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention



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SEND YEAR-TO-DATE TRANSMISSIONS

- STEP 6:** PHA sends a year-to-date transmission in the legacy format (through the legacy transmission route) for year(s) that have not been finalized.
- STEP 7:** PHA ensures that MVPS onboarding service action pair provided by the NMI Onboarding Specialist is configured. PHA sends same year-to-date transmission in the HL7 format to MVPS production environment for year(s) that have not been finalized.
- STEP 8:** PHA sends an email to edx@cdc.gov to notify CDC when the messages are sent.
- STEP 9:** PHA checks MVPS production dashboard to see when messages arrive and review any errors or warnings identified in the messages.
- STEP 10:** The NMI Onboarding Specialist reviews the year-to-date messages and either provides feedback to address any problems identified or provides approval to move to the next step of onboarding.

FREQUENTLY ASKED QUESTIONS

- QUESTION:** How strictly does CDC review the year-to-date transmission?
- ANSWER:** CDC reviews the year-to-date transmission for errors, warnings, and other potential systematic issues. CDC also will ensure that all data are received by MVPS.

QUESTIONS ABOUT TECHNICAL ASSISTANCE OR ONBOARDING?

- Send an email to the CDC Electronic Data Exchange inbox at edx@cdc.gov.
- Include your question or a brief description of assistance needed.

FOR MORE INFORMATION

Visit the NMI Technical Assistance and Training Resource Center

www.cdc.gov/nmi/ta-trc