

Message Mapping Guide (MMG) Process Overview

Education by NEDSS Project staff to CDC Program

- NETSS extract
- What's a MMG and what does it consist of?
 - Repository of data elements
 - Data elements represented in HL7: how are they different and what impact should they expect?
 - Interplay OSELS services (i.e., PHIN VADS, Metadata registry, DMB, CDS, etc.)
 - Concept of relational database vs flat file
 - How does it differ from NETSS?
 - What are the benefits for CDC programs?
- Who's data?

MMG Support by CDC Program:

- Provide data elements CDC is requesting the states to send (This is used to create a draft MMG).
- Participate in addressing questions and comments during the external review (SiteScape).
- Participate in CSTE calls to address questions and comments

(Need to work with Subject Matter Experts in States before MMG development [based on forms with OMB clearance]; Consider data release issues [Disclosure risk assessment]; Use of Associated Lab data and knowledge of LOINC/SNOMED).

NEDSS OMB Package – Includes data elements from NETSS, PHIN, and MMWR.

Data Mart/View Support by Messaging Team

- Provide data mart/view requirements (8 to 40 hours)
 - CDS meet with program 3-5 times (2hours/meeting)
- Participate in data mart/view training (8 to 16 hours)
 - Access data via PC SAS or SQL
- Provide UAT (iterative process)
 - Perfect or good?
 - Use the data and continue to report data issues (Allow them to submit Change Requests for a limited time after going to production.
 - Actively collaborate in decision making process (Request technical person; Error checking; content validation).

CDC- CDS Team

- **HL7 v2.5 Implementation Process with states**
 - Need to be involved with states with mapping of data in state system.
 - Participate in biweekly calls with states implementing HL7 messaging (address state questions and concerns about how to send certain data elements)
 - Provide test case scenarios.
 - Attend 2hrs of HL7 training (This is needed to validate content in the raw HL7 messages).
 - Access staging data mart/view (This is needed to validate and approve content for production).
 - Provide a timeline of when states plan to make the transition.

Additional Points

- Defining what type of resource support will be needed by the program (and NEDSS) to be successful.
- Establishing time and resource commitments from external stakeholders.