

Laboratory Reporting (Call 3)

CSTE DSWG Data Element Specific Team

10/11/2024



Council of State and Territorial Epidemiologists

Please mute phone/ headset/ computer audio!

Agenda

- Welcome & Announcements
- Call 1 and 2 recap
- Laboratory data – data element review
- Discussion and polling
- Wrap-Up & Adjourn

DEST Opportunities for Participation



- The Data-element Specific Team (DEST) Interest Sign-Up sheet has been updated to include known future data classes:
- Social Determinants of Health
 - Second call 10/18
- Reporting Source
 - Next Step TBD

Link to Sign-Up sheet:

<https://app.smartsheet.com/b/form/3da89d48bda94fc7a33c4a8a505fe54a>

If you have signed up previously but feel you are not getting the emails/meeting invites that you expected to get, please reach out directly to llane@j michael consulting.com.

- Out for DSWG-level review:
 - Revised Industry/Occupation language

NOTE:

All drafts released for DEST/DSWG review are drafts and the resulting recommendations passed to CSTE for final steps have not been made available. Please do not pass on draft documents as final products.

Meeting ground rules



- Discussion Guidelines
 - "Raise" your hand
 - Use the chat to provide feedback and ask questions
 - When called, state your name and affiliation
 - Stay on point, be brief, and within the context of the discussion in progress
 - 80/20 consensus
 - Co-Chairs/moderators' prerogative to move the discussion forward as needed
 - [Post-meeting survey](#) provided for additional input
 - Be courteous and be open to new ideas
- **Active participation encouraged for all!**
 - Chats, voting, comments, etc.
 - Includes STLT jurisdictions + CDC Programs + CSTE, etc.

In-scope vs Out-of-scope



What this is:

- Discussion about data elements/classes which are:
 - collected at the jurisdiction and sent to CDC for surveillance purposes
 - Abstracted, calculated, or derived from a combination of electronic sources, patient interviews and chart abstractions
- Collaborative consensus building about the best ways to approach the transmission of public health data in a standardized way

What this is not:

- Discussion of data elements for research studies
- Recommendations for public facing surveys
- Limitations on what can be collected for a data element within a jurisdiction
- Recommendations for how to ask about data elements in a case interview
- Implementation guidance

Laboratory Data Elements (Part 3)



Laboratory in three parts...



- Goal: Standardized Laboratory Repeating Group
- Previously discussed data elements
 - Test Type
 - Test Result
 - Test Result – Units of Measure
 - Test Result – Reference Range
 - Specimen Type
 - Specimen Source Site
- Performing Laboratory Type

Laboratory in three parts...



- Goal: Standardized Laboratory Reporting Group
- Today's call is the third call related to laboratory information in case notifications.
- Remaining data elements include:
 - Specimen Collection Date/Time
 - Date/Time of Lab Result
 - Performing Laboratory Specimen ID
 - Sequence ID

Proposed Data Elements: Part 3



Data Element	Definition	Value Set
Specimen Collection Date/Time	Date (and time as available) a clinical specimen was collected from the patient for the laboratory testing relevant to the disease or condition being reported to a public health agency.	N/A
Date/Time of Lab Result	Date (and time as available) the latest result was released for reporting.	N/A
Performing Laboratory Specimen ID	A laboratory generated number that identifies the specimen related to this test.	N/A
Sequence ID	Genomic sequencing ID number. <i>Preferred value is the accession number from an entity such as NCBI Biosample (SAMN###), NCBI SRA (SRX###), or GISAID (ESL###).</i>	N/A

Proposed Data Element: Specimen Collection Date



Data Element	Definition	Value Set
Specimen Collection Date/Time	Date (and time as available) a clinical specimen was collected from the patient for the laboratory testing relevant to the disease or condition being reported to a public health agency.	N/A

- For discussion:
 - Barriers to transmission?
 - Utility?

Proposed Data Element: Date/Time of Lab Result



Data Element	Definition	Value Set
Date/Time of Lab Result	Date (and time as available) the latest result was released for reporting.	N/A

- For discussion:
 - Barriers to transmission?
 - Utility?

Polling process



- Poll questions will be shown first on a slide before the poll opens
 - Opportunity for clarifications & questions
- There will be an opportunity for limited discussion on questions with a big split, as time allows
- Participant voting

DSWG membership has grown to include many experts and interested participants. The following guidance is requested for participating in polling:

 - Only STLTs (State, Territorial, Local, and Tribal) and Federal authorities should vote.
 - Contractors and individuals from other organizations are requested to abstain from voting unless they have specific and relevant expertise in the topic.
 - Comments and discussion are welcomed by all, but voting remains with the STLTs and federal authorities.

Poll 1 – Specimen Collection Date/Time Date/Time of Lab Result



Do you think that **Specimen Collection Date/Time** and **Date/Time of Lab Result** as defined below should be included as a part of a standardized laboratory repeating group?

- Specimen Collection Date/Time
- Date/Time of Lab Result
- Both
- Neither

Data Element	Definition	Value Set
Specimen Collection Date/Time	Date (and time as available) a clinical specimen was collected from the patient for the laboratory testing relevant to the disease or condition being reported to a public health agency.	N/A
Date/Time of Lab Result	Date (and time as available) the latest result was released for reporting.	N/A

Proposed Data Element: Performing Laboratory Specimen ID



Data Element	Definition	Value Set
Performing Laboratory Specimen ID	A laboratory generated number that identifies the specimen related to this test.	N/A

- Maps to ELR HL7 segment SPM-2.2
- For discussion:
 - Any Personal Health Information (PHI) concerns?
 - Barriers to transmission of this data?
 - Send-out specimen ID vs reporting facility specimen ID?
 - Utility?

Proposed Data Element: Sequence ID



Data Element	Definition	Value Set
Sequence ID	Genomic sequencing ID number. <i>Preferred value is the accession number from an entity such as NCBI Biosample (SAMN###), NCBI SRA (SRX###), or GISAID (ESL###).</i>	N/A

- For discussion:
 - Is this used across enough conditions to make it core?
 - Is this more appropriate at the case level rather than at the specimen level?
 - i.e., are there more than one WGS ID number per case generally?
 - Barriers to transmission?
 - Advantages to transmission?

Poll 2 – Performing Laboratory Specimen ID / WGS ID Number



Do you think that **Performing Laboratory Specimen ID** and **WGS ID Number** as defined below should be included as a part of a standardized laboratory repeating group?

- Performing Laboratory Specimen ID
- Sequence ID
- Both
- Neither

Data Element	Definition	Value Set
Performing Laboratory Specimen ID	A laboratory generated number that identifies the specimen related to this test.	N/A
Sequence ID	Genomic sequencing ID number. <i>Preferred value is the accession number from an entity such as NCBI Biosample (SAMN###), NCBI SRA (SRX###), or GISAID (ESL###).</i>	N/A

Poll 3 – Standard Lab Group = Core?



Should this standardized laboratory repeating group be considered core for case notification surveillance?

- Yes
- No

Test Type
Test Result
Units of Measure
Specimen Type
Specimen Source Site
Specimen Collection Date/Time
Date/Time of Lab Result

Next Steps



- Upcoming team meetings:
 - 10/18 1-2pm ET – second SDOH DEST call
 - [Link to Sign Up](#)
- The next large DSWG call will be on 25 October 2024.

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