

The Gravity Project

Reorientation and Data Element Submission Web
Tool

July 11, 2019

SIRENetwork.ucsf.edu



Welcome

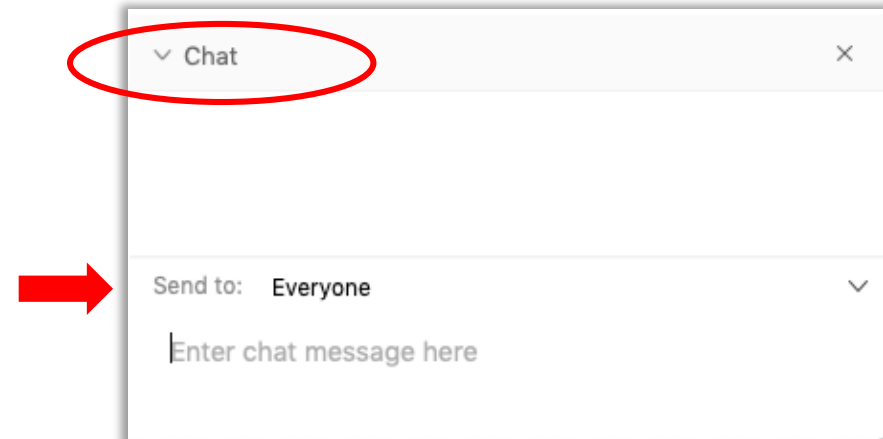
Thank you for joining the **Gravity Project** Workgroup meeting!

Due to the large number of attendees, participants are **muted upon entry**. Please remain muted to avoid background noise.

- This call is being recorded; recording will be available on the Gravity Confluence page following the meeting.

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send chats to “Everyone.”



We will review and try to address all comments submitted during the call. If you are experiencing technical difficulties, please contact lynette.elliott@emiadvisors.net.

Gravity Project Participation


- If you have not already done so, we invite you to officially join the project here:
<https://confluence.hl7.org/display/PC/Join+the+Gravity+Project>
- If you want to check whether you have already signed up or if others from your organization have signed up, please review the existing membership here:
<https://confluence.hl7.org/pages/viewpage.action?pageId=46892669#JointheGravityProject-GravityProjectMembershipList>
- For all other Gravity Project information, please visit:
<https://confluence.hl7.org/display/PC/The+Gravity+Project+Home>

Agenda

Topic	Presenter
Schedule Review, End-to-End Comment, and Consensus Voting Process	Lynette
Reorientation to Gravity Project Goals	Laura
SDoH Data Element Submission Tool	Lisa
End-to-End Use Case Comment Dispositions To-Date	Evelyn
Next Steps	Lynette

Please submit questions and comments using the Webex chat feature.

Gravity Project Schedule and Activities (June to July)

Week	Target Date	Gravity WG Meeting Tasks		Homework <i>due following Tuesday COB</i>
6	6/6	Actors, Assumptions, Pre/Post Conditions,	<i>Review: Personas, Patient Stories, Use Cases</i>	<i>Review: Actors, Assumptions, Pre/Post Conditions</i>
7	6/13	CANCELLED MEETING		<i>Review: Assumptions, Use Case 1 Pre/Post Conditions</i>
8	6/20	Actor-Transaction Elements and Diagrams		<i>Review: Actor-Transaction Elements and Diagrams</i>
9	6/27	Message Content, Data Set Considerations	<i>Review: Actor-Transaction Components and Diagrams</i>	<i>Review: Use Cases 1-3, Message Content Considerations</i>
10	7/4	NO MEETING		
 11	7/11	Data Element Submission Web Tool	<i>Review: End-to-End Comment Dispositions To-Date</i>	<i>End-to-End Review (7/5 – 7/12)</i>
12	7/18	Food Insecurity Kick-Off <i>Introduce: Food Insecurity Data Set Submissions</i>		<i>UC Consensus Voting (7/15-7/19)</i>

Gravity Project Schedule and Activities (July to Aug)

Week	Target Date	Gravity WG Meeting Tasks		Homework <i>due following Tuesday COB</i>
13	7/25	Food Insecurity Data Sets		Review: Food Insecurity Data Set Submissions from Community Food Insecurity Data Elements Due: August 1
14	8/1	FINAL UC CONSENSUS	<i>Review: UC Vote Dispositions</i>	Review: Food Insecurity Data Set Submissions from Community
15	8/8	Food Insecurity Data Sets & Value Sets Gaps		Review: Food Insecurity Data Sets & Value Sets Gaps
16	8/15	Food Insecurity Data Sets & Value Sets Gaps		Begin: End-to-End Review
17	8/22	End-to-End Review	<i>Review: End-to-End Comment Dispositions To-Date</i>	End-to-End Review (8/15 -8/25)
18	8/29	Housing Instability Kick-Off <i>Introduce: Housing Instability Data Set Submissions from Community</i>		Food Insecurity Data Set Consensus Voting (8/26-8/30)

Use Case End-to-End Review: Due July 12

<https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review>

The full draft Use Case is now published for end-to-end review by all Gravity Project participants. Please follow the instructions below to submit your comments and feedback on the Use Case. **All comments are due by 5pm Pacific Time on Friday, July 12.**

NOTE: You must have an HL7 Confluence account to submit comments.

How to Submit Comments

1. Sign up for an HL7 Confluence account following the instructions below. If you already have an HL7 Confluence account, go to Step 2.
2. Download the [full draft Use Case document](#) and review it.
3. Log into your HL7 Confluence account.
4. Click on the "Add Review Item" button below and fill in the form.
 - a. Please include the document section your comment is referencing. For general comments, type "general" into the Section Number field.
5. Click on the "Save" button to save your comment. Repeat Steps 4 and 5 to complete your comments.
6. Click on the "Submit All Review Items" button to submit your saved comments.

Comments will be reviewed as they are received. Each comment will be assigned a disposition and subsequently posted for public view on an ongoing basis. All comments will be deposited prior to the voting period.

How to Sign Up for an HL7 Confluence Account

1. At <https://confluence.hl7.org>, click the "Request an Account" button.
2. Follow the instructions to fill out the request form and submit it.
3. You will receive a confirmation email with additional instructions.

[Click here for step-by-step instructions and screen captures.](#)

Review Items

Add Review item

No Review Items to Submit yet!

Use Case Consensus Voting: July 15 to 19

<https://confluence.hl7.org/display/PC/Consensus+Process>

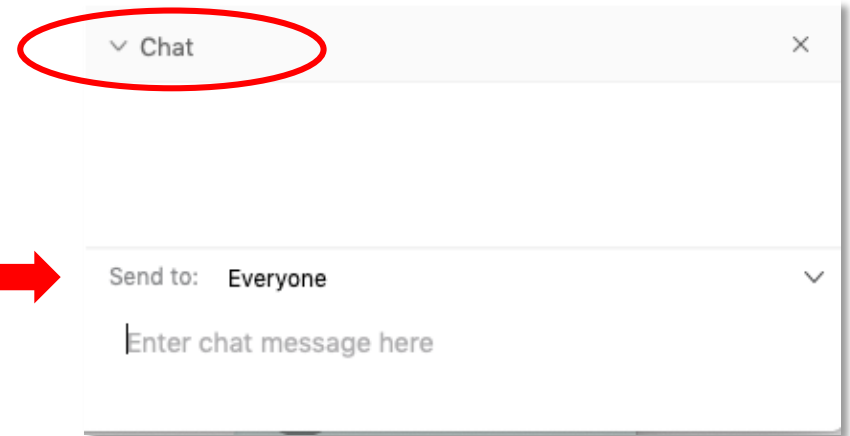
Only Committed Members are asked to cast one of the following votes:

- **Yes**
- **Yes with Comment**
- **Formal Objection**
- **Abstain**

Questions?

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Gravity Project Reorientation



Gravity Project Goals

Develop consensus on SDH-related concepts and codes in order to facilitate data use, sharing, interoperability, and payment.

Why

- Adoption of social risk screening and related interventions are on the rise
 - Survey data on prevalence:
<https://sirenetwork.ucsf.edu/node/19671>

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- Adoption of social risk screening and related interventions are on the rise
 - Survey data on prevalence:
<https://sirenetwork.ucsf.edu/node/19671>
- But *documentation* on these clinical activities is sparse
 - Example: Torres JM, Lawlor J, Colvin JD, et al. ICD social codes: An underutilized resource for tracking social needs. *Med Care*. 2017;55(9):810-816. PMID: 28671930.

Challenges: Missing codes

	Food Insecurity	Housing Instability	Transportation
AHC	✓	✗	✗
PRAPARE	✗	✗	✗
Health Leads	✗	✗	✗

Challenges: Overlapping codes

SNOMED housing instability codes

- 5549007 Living in temporary quarters
- 406132007 Living temporarily with relatives
- 365510008 Finding of temporary shelter arrangements

SNOMED food insecurity codes

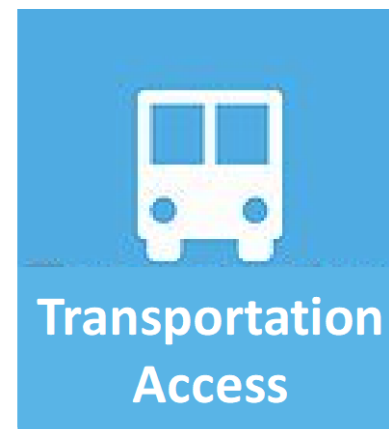
- 733423003 Food insecurity
- 706875005 Insufficient food supply

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Gravity Project Goals

- What social risk-related clinical activities/data (re: screening, diagnosis, treatment) need to be documented?
- Do codes exist to represent those activities/data?
- What are meaningful groupings for those data elements that can facilitate data aggregation and sharing?

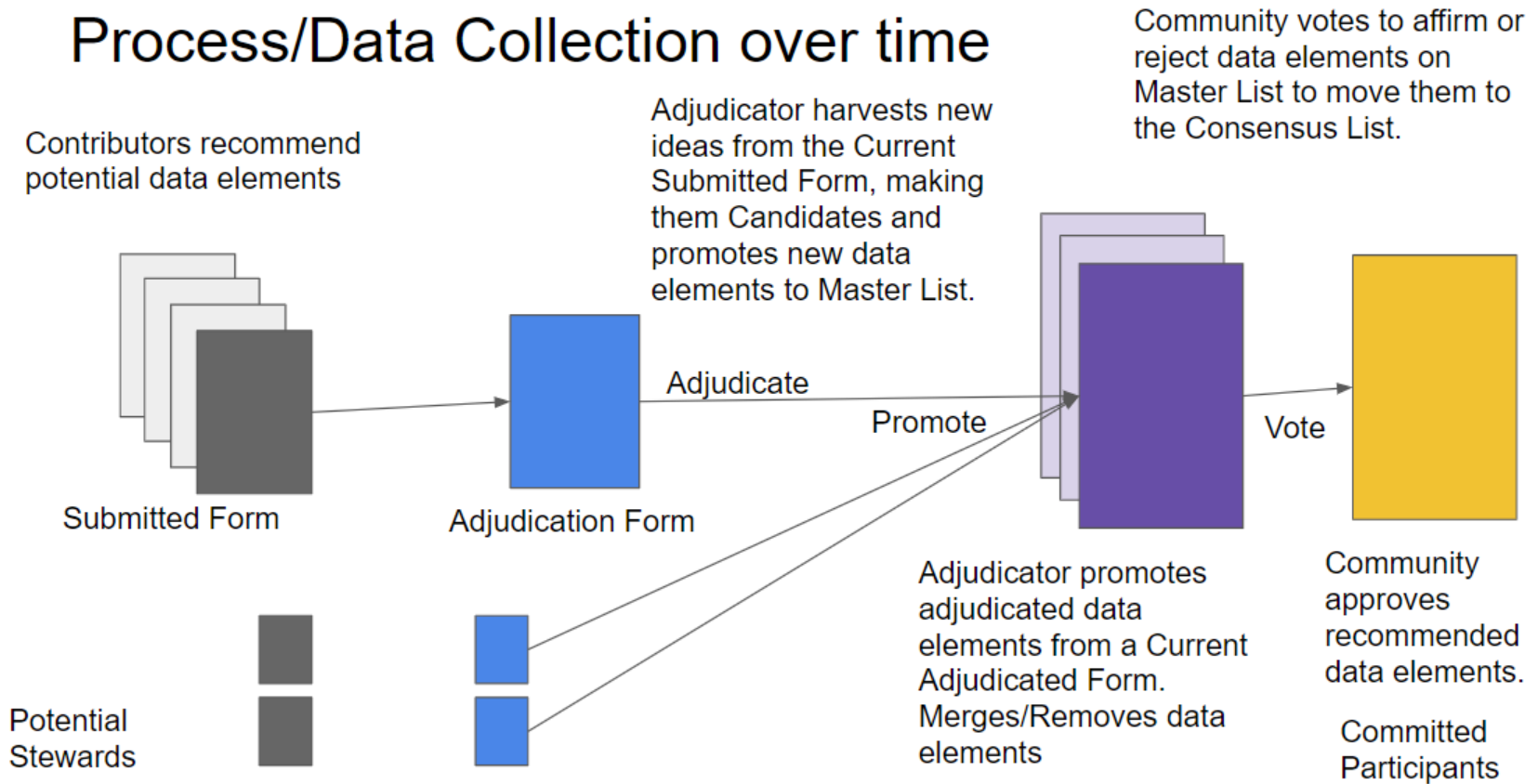
Reorientation



Data Element Submission Adjudication & Web Tool Demo

Adjudication Process

Process/Data Collection over time



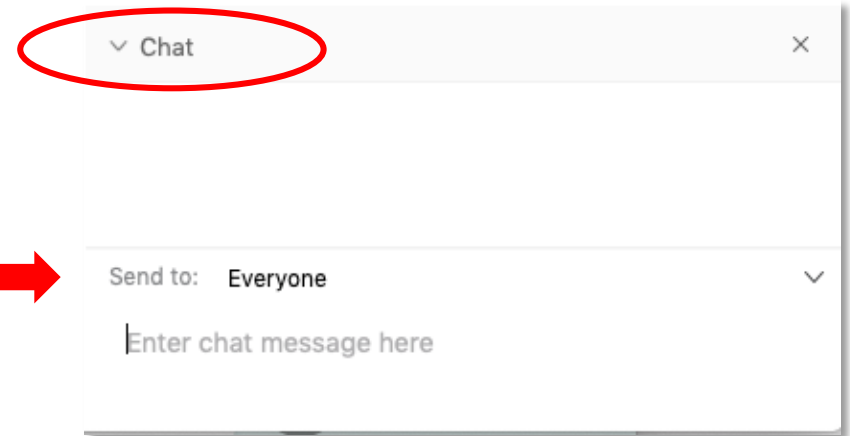
Human Adjudication

- Duplicate Data Element
 - Conceptually similar, same code(s), same answers for questions
- New Data Element
 - In scope, fit for purpose, not too broad, not too narrow
- Not Added – Parked
 - Not in scope, but well formed and may be useful in the future
- Not Added
 - Not in scope, not well formed, not fit for purpose
- Status: On-hold
 - Seeking clarification from submitter
- Dispositions made by Adjudication SMEs can be reconsidered

Questions?

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SDoH Data Element Collection Web Tool Demo

Web Tool Account Setup

- Submit request for new account to GravityTools@max.md with following information:
 - First Name
 - Last Name
 - Title
 - Organization
 - Email
- Complete registration using response email instructions

User guide available at:

<https://confluence.hl7.org/display/PC/Data+Element+Submission>

Use Case End-to-End Review Comments & Dispositions

Next Steps (Homework)

- Submit Use Case End-to-End Review Comments:
<https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review>
- Submit data elements by domain:
<https://confluence.hl7.org/display/PC/Data+Element+Submission>
 - Food Insecurity Data Elements Due **August 1st**
- Vote on Use Case document: document will be published on July 15th

Thank you for participating in this national
consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net