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.

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.”
Gravity Project Anti-Trust Practices

- Gravity Project participants have the responsibility to comply fully with federal and state antitrust laws.
- Individuals speaking or providing written communications shall refrain from any discussion which may provide the basis for an inference that they have agreed to take any action relating to prices, services, production and allocation of markets or any other matter having a market effect.
- Participants shall not discuss their pricing or others’ pricing or any term that might affect pricing or fees, such as costs, discounts, terms of sales or profit margins.
- Adherence to these guidelines involves not only avoidance of antitrust violations, but avoidance of behavior that might be so construed.
Gravity Project Participation

- If you have not already done so, we invite you to **officially join the project here**: https://confluence.hl7.org/display/GRAV/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/GRAV/The+Gravity+Project
Project Founders and In-Kind Support To-Date

Robert Wood Johnson Foundation
The University of Vermont
Yale School of Nursing
siren
UCSF
Academy of Nutrition and Dietetics
AAFP
BlueCross BlueShield Association
AMA
AmeriHealth Caritas
UnitedHealthcare
HIGHMARK
The Office of the National Coordinator for Health Information Technology
Humana
juxly
lyft

https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
Gravity Project Sponsorship

- The Gravity Project is currently seeking additional sponsors for our 2020 operations
  - This is an opportunity to be a recognized contributor to our critical national work
- If you are interested in learning more about sponsoring opportunities, please send an email to GravityProject@emiadvisors.net or visit https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
# Agenda

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcements</td>
<td>Lynette</td>
</tr>
<tr>
<td>Project Roadmap and Upcoming Schedule</td>
<td>Lynette</td>
</tr>
<tr>
<td>Housing Domain Data Concepts Submission Status Update</td>
<td>Linda</td>
</tr>
<tr>
<td>Debrief: HMIS Screening Adjudication</td>
<td>Sarah</td>
</tr>
<tr>
<td>Debrief: ICD-10 Diagnoses Proposal</td>
<td>Sarah</td>
</tr>
<tr>
<td>Discussion: Goals</td>
<td>Sarah</td>
</tr>
<tr>
<td>Community Homework and Next Steps</td>
<td>Sarah</td>
</tr>
</tbody>
</table>

Please submit questions and comments using the Webex chat feature.
The May HL7 Virtual Connectathon 24 report-outs for the Gravity Project are available here:

- [https://confluence.hl7.org/display/FHIR/2020-05+Gravity+SDOH-CC+Track](https://confluence.hl7.org/display/FHIR/2020-05+Gravity+SDOH-CC+Track)
MiHIN Virtual Interoperathon Results

- The MiHIN Virtual Connectathon 2020 is happening right now!
  - General information
    https://confluence.hl7.org/display/GRAV/2020-05-28+MiHIN+InterOpathon+Virtual
  - Report outs will be made available following the event
Gravity and COVID-19 Collaboration Site

  - No login is required to view or download the blog
  - An HL7 Confluence login is required to post on the blog
    - Instructions for requesting a login: https://jira.hl7.org/secure/CreatelIssue.jspa?pid=11200&issuetype=11300
# Gravity Project Schedule and Activities (Feb through May)

<table>
<thead>
<tr>
<th>Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/13</td>
<td><em>Review:</em> Consensus Voting and Dispositions Results</td>
<td><em>Submit:</em> Housing Instability Data Elements</td>
</tr>
<tr>
<td></td>
<td><em>Review:</em> Data Element Concept Submissions To-Date</td>
<td><em>Review:</em> Coding Systems</td>
</tr>
<tr>
<td></td>
<td><em>Overview:</em> Coding Work</td>
<td></td>
</tr>
<tr>
<td>03/19</td>
<td>Housing Instability Domain Kickoff</td>
<td><em>Submit:</em> Housing Instability Data Elements</td>
</tr>
<tr>
<td></td>
<td>SDOH FHIR IG and Connectathon Updates</td>
<td></td>
</tr>
<tr>
<td>04/02</td>
<td><em>Review:</em> Housing Instability Data Element Concepts</td>
<td><em>Submit:</em> Housing Instability Data Elements</td>
</tr>
<tr>
<td></td>
<td>SDOH FHIR IG and Connectathon Updates</td>
<td></td>
</tr>
<tr>
<td>04/16</td>
<td><em>Review:</em> Housing Instability Data Element Concepts</td>
<td><em>Submit:</em> Housing Instability Data Elements</td>
</tr>
<tr>
<td></td>
<td>SDOH FHIR IG and Connectathon Updates</td>
<td></td>
</tr>
<tr>
<td>04/30</td>
<td><em>Review:</em> Housing Instability Data Element Concepts</td>
<td>Housing Instability Data Element Submission</td>
</tr>
<tr>
<td></td>
<td>SDOH FHIR IG and Connectathon Updates</td>
<td><em>Deadline May 1</em></td>
</tr>
<tr>
<td>05/14</td>
<td><em>Review:</em> Housing Instability Data Element Concepts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SDOH FHIR IG and Connectathon Updates</td>
<td></td>
</tr>
<tr>
<td>05/28</td>
<td><em>Review:</em> Housing Instability Data Element Concepts</td>
<td><em>Submit:</em> Inadequate Housing Data Elements</td>
</tr>
<tr>
<td></td>
<td><em>Overview:</em> End-to-End Review Process</td>
<td></td>
</tr>
</tbody>
</table>
### Gravity Project Schedule and Activities
(June through July)

<table>
<thead>
<tr>
<th>Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
</table>
| 06/11 | *Phase I Review:* End-to-End Review of Housing Instability and Homelessness Data Elements  
*Phase II:* Inadequate Housing Kickoff | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
| 06/25 | *Phase I Review:* End-to-End Review of Housing Instability and Homelessness Data Elements  
*Phase II:* Inadequate Housing Data Element Concepts | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
| 07/02 | *Phase I Review:* End-to-End Review of Housing Instability and Homelessness Data Elements  
*Phase II:* Inadequate Housing Data Element Concepts | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
| 07/16 | *Phase I Review:* End-to-End Review of Housing Instability and Homelessness Data Elements  
*Phase II:* Inadequate Housing Data Element Concepts | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
| 07/30 | *Phase I Review:* End-to-End Review of Housing Instability and Homelessness Data Elements  
*Phase II:* Inadequate Housing Data Element Concepts | Review and submit comments: Housing Instability and Homelessness Master List  
Submit: Inadequate Housing Concepts |
Meet Weekly?
Housing Domain Data Concepts Submission Status Update
# Data Element Submissions Summary

**Total Submissions Received = 13**

<table>
<thead>
<tr>
<th>Screening Tool/ Questions</th>
<th>Diagnosis</th>
<th>Goal</th>
<th>Intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 Tools / 360 Questions</td>
<td>15</td>
<td>10</td>
<td>74</td>
</tr>
</tbody>
</table>

**Submissions Reviewed = 9**

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplicates – 2 Tools/4 Questions</td>
<td>Duplicates – 1</td>
<td>Duplicate – 0</td>
<td>Duplicates – 0 Synonymous – 0</td>
</tr>
<tr>
<td>Do Not Add – 4 Tools/152 Questions</td>
<td>Do Not Add – 4</td>
<td>Do Not Add – 0</td>
<td>Do Not Add – 5</td>
</tr>
<tr>
<td>Park – 8 Tools/43 Questions</td>
<td>Park – 2</td>
<td>Park – 0</td>
<td>Park – 5</td>
</tr>
<tr>
<td>Hold – 2 Tools/3 Questions</td>
<td>Hold – 0</td>
<td>Hold – 3</td>
<td>Hold – 4</td>
</tr>
</tbody>
</table>

**Total Submissions Returned* = 4**

* Adjudication completed and file returned to submitter with dispositions
# Adjudication Dispositions

<table>
<thead>
<tr>
<th>Adjudication Status</th>
<th>Definition</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplicate Data Element</td>
<td>Conceptually similar, same code(s), same answers for questions</td>
<td>Submitter will be added as contributor for the data element in the Master file</td>
</tr>
<tr>
<td>Add Data Element</td>
<td>In scope, fit for purpose, not to broad and not too narrow</td>
<td>Data element will be added to the Master file</td>
</tr>
<tr>
<td>Do Not Add - Park</td>
<td>Not in scope for this domain but may be useful for another Gravity Domain (housing insecurity, transportation)</td>
<td>Will be added to a Parking File for future review</td>
</tr>
<tr>
<td>Do Not Add</td>
<td>Not in scope for this domain or another Gravity domain, not well formed, not fit for purpose</td>
<td>Will be noted on adjudication file with reason</td>
</tr>
<tr>
<td>On-Hold (Info Needed)</td>
<td>Need additional clarification from submitter</td>
<td>Will be noted on adjudication file with additional information needed</td>
</tr>
<tr>
<td>Withdrawn</td>
<td>After discussion between submitter and SMEs, concept was withdrawn by submitter</td>
<td>Will be noted on adjudication file with reason</td>
</tr>
</tbody>
</table>
Data Element Submitters

- Allscripts® / All possible
- NCDHHS
- Washington Association for Community Health
  Community Health Centers • Advancing Quality Care for All
- NIH
- National Institute of Nursing Research
- School of Medicine
  UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
- HUD EXCHANGE
- Providence St. Joseph Health
- IBM Watson Health
  PULSE® Health Polls
- HL7 International
How to Review Housing Instability Adjudicated Data Submissions (Master List)

https://confluence.hl7.org/display/GRAV/Housing+Instability+and+Homelessness+Domain

- The Housing Master List with adjudicated data elements will be published on Confluence page following each community meeting
Debrief: HMIS Screening
HMIS Data Elements Approach

- Does the question lead to an outcome > domain yes? Or domain no?
- Is the question an operational screen for eligibility or a screen for the concept itself?
HMIS Data Elements

- Current Living Situation?
- Timeframe to leaving current living situation < 14 days?
- Next residence identified?
- Resources to obtain permanent housing?
- Lease or ownership last 60 days?
- Moved 2 times in the last 60 days?
- Prior Living Situation?
- Duration?
- Permanent or transitional housing < 7 days?
- Prior, streets, emergency shelter, safe haven?
- When did you become homeless?
- How many times homeless?
- How many cumulative months homeless?
- Disability status?
Debrief: ICD-10 Diagnoses Proposal
Diagnoses – Current State

- Z59 Problems related to housing and economic circumstances
  - Z59.0 Homelessness
  - Z59.1 Inadequate Housing
  - Z59.2 Discord with neighbors, lodgers, and landlord
  - Z59.3 Problems related to living in a residential institution
  - Z59.4 Lack of adequate food and safe drinking water
  - Z59.5 Extreme poverty
  - Z59.6 Low income
  - Z59.7 Insufficient social insurance and welfare support
  - Z59.8 Other problems related to housing and economic circumstances
  - Z59.9 Problem related to housing and economic circumstances, unspecified
ICD-10 Diagnoses Brainstorm – Homelessness

- Z59.0 Homelessness
  - Z59.01 Unsheltered homelessness
    - Chronic unsheltered homelessness – Definition based on HUD specs and includes times and comorbidities
    - (Other?)
  - Z59.02 Sheltered homelessness
    - Chronic sheltered homelessness – Definition based on HUD specs and includes times and comorbidities
    - (Other?)
ICD-10 Diagnoses Proposal – TBD
Questions?

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

Please send all chats to Everyone.
Goals

HOUSING SECURITY

ACCESS HOUSING RESOURCES
Questions?

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

Please send all chats to Everyone.
Update: Community Based Organization Outreach
Community Homework and Next Steps
Community Based Organization Outreach

Thank you! Lots of help offered and we are very grateful.
Now to schedule follow ups with each of you!
Review Past Meeting Materials

- View materials and recordings on Gravity Project Materials Confluence page
  - https://confluence.hl7.org/display/GRAV/The+Gravity+Project+Materials
Next Steps

- **Sign up to join the 2020 September Connectathon**: [https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up](https://confluence.hl7.org/display/GRAV/Connectathon+Participation+Sign-Up)
  - Looking for implementers across the health ecosystem—EHRs, HIEs, PHRs, digital health platforms, community-based services and referral platforms, system integrators
  - **Ideal to have both clinical and non-clinical participants**

- **Join the Gravity Project as a Committed Member or Other Interested Party:**
  - [https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project](https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project)
Thank you for participating in this national consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net