The Gravity Project
Food Insecurity Domain Kick-Off
July 18, 2019
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
Meet the Food Insecurity Leads

Sarah C DeSilvey, FNP-C

Donna G. Pertel, MEd, RD

The University of Vermont
LARNER COLLEGE OF MEDICINE

Yale School of Nursing

eat.right.
Academy of Nutrition and Dietetics
Meet the Value Set Leads

Linda Hyde
Coding Terminology Expert
EMI Advisors LLC

Lisa Nelson
Value Sets Lead
MaxMD
## Agenda

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<th>Topic</th>
<th>Presenter</th>
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<td>Welcome &amp; Introductions</td>
<td>Caroline</td>
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<td>Background</td>
<td>Sarah</td>
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<tr>
<td>Approach and Data Element Master List Review</td>
<td>Linda</td>
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<tr>
<td>Upcoming Schedule and Next Steps</td>
<td>Lynette</td>
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Please submit questions and comments using the Webex chat feature.
Background (WHY)
Recap: Gravity Project Scope

- Use Cases
- Common data elements and associated value sets
- Coded data element capture and grouping recommendations
Common definition “An economic and social condition of limited or uncertain access to adequate food for an active, healthy life” (United States Department of Agriculture, 2017)
Associated Concerns

- **Increased rates of the CDC diseases of concern** (Berkowitz, Baggett, Wexler, Huskey, & Wee, 2013; Gregory, Coleman-Jensen, 2017; Seligman, Laria, & Kushel, 2010)

- **Increased child developmental risk** (Cook et al., 2013; Rose-Jacobs, et al. 2008)

- **Poorer self/caregiver reported health for all ages** (Alvarez, Lantz, Sharac, & Shin, 2015; Brucker, 2017; Chilton et al., 2009; Cook et al., 2013; Jeong-Hee, Bartfield, 2012; Cook et al., 2004)

- **Depression and Psychological distress** (Alaimo et al., 2001; Belsky et al., 2010; Cook et al., 2004; Olson, 2005; Whitaker, Phillips, & Orzol, 2006)

- **Increased ED visits and hospitalization** (Allen, B. Bacerra, & M. Bacerra, 2017; B. Bacerra, Sis-Medina, Reyes, M. Bacerra, 2015)

- **Increased total cost of care** (Baer, Scherer, Fleegler, & Hassan, 2015; Brucker, 2016; Cook et al., 2013; Cook et al., 2004; Kushel, Gupta, Gee, & Haas, 2005; Ma, Gee, & Kushel, 2008)
The food security status of the families we serve matters.
This is clear...

So what if it is hidden from our documentation, our referrals, our orders, our risk analysis, our research, and our care.

Enter The Gravity Project
Scope

• **Screening Tools**
  • Consistent questions with discrete and uniform answers to enable standardized data
  • Alignment- conceptual match with the core concepts?

• **Diagnosis**
  • Definitions/terminology to enable standardized data
  • Alignment to the principal and secondary/associated diagnoses (*attach evidence*)

• **Goals**
  • Definitions/terminology to enable standardized data
  • Consistent variables and capacity for measurement
  • Alignment- conceptual match with the core concepts?

• **Interventions**
  • Definitions/terminology to enable standardized data
  • Alignment- to process, what we do across our varied settings and roles
Academy of Nutrition and Dietetics Terminology

• **Nutrition Care Process (NCP)**
  • Problem solving framework
  • Practice documentation and research

• **NCP Terminology (ncpro.org)**
  • Nutrition Care Process and Research Outcomes Committee
  • Diagnosis and intervention
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.
Project Approach (HOW & WHAT)
Recap: Adjudication Process

Process/Data Collection over time

Contributors recommend potential data elements

Submitted Form

Adjudicator harvests new ideas from the Current Submitted Form, making them Candidates and promotes new data elements to Master List.

Adjudication Form

Adjudicate

Promote

Adjudicator promotes adjudicated data elements from a Current Adjudicated Form. Merges/Removes data elements

Vote

Community votes to affirm or reject data elements on Master List to move them to the Consensus List.

Community approves recommended data elements.

Committed Participants
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**
### Data Element Submissions To-Date

<table>
<thead>
<tr>
<th>Submitter</th>
<th>Screening Tool/Questions</th>
<th>Diagnosis / Needs</th>
<th>Goals</th>
<th>Interventions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarah/ Donna</td>
<td>9 Tools/ 34 Questions</td>
<td>23</td>
<td>4</td>
<td>28</td>
</tr>
<tr>
<td>JHSPH</td>
<td>9 Tools /12 Questions</td>
<td>5</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>California Food Policy Advocates</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>MITRE</td>
<td>1 Tool /18 Questions</td>
<td>3</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Community Health Care Association of NY State</td>
<td>1 Tool /1 Question</td>
<td>3</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>Evolent Health</td>
<td>1 Tool/ 1 Question</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Food Is Medicine Coalition</td>
<td>4 Tool/ 2 Questions</td>
<td>0</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>NYSDOH</td>
<td>3 Tool / 3 Questions</td>
<td>4</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL**

<p>| | | | | |</p>
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</thead>
<tbody>
<tr>
<td><strong>71</strong></td>
<td><strong>38</strong></td>
<td><strong>9</strong></td>
<td><strong>87</strong></td>
<td></td>
</tr>
</tbody>
</table>
Master List DEMO
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.
Upcoming Schedule & Next Steps
Important Schedule Changes

• Moving from weekly to bi-weekly meetings starting today (July 18th)
• Use Case End-to-End Review Period extended to July 19th
  ▪ [https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review](https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review)
• Use Case Consensus Voting scheduled from July 29 to August 2nd
  ▪ Learn more about Consensus Process here: [https://confluence.hl7.org/display/PC/Consensus+Process](https://confluence.hl7.org/display/PC/Consensus+Process)
• Final due date to submit Food Insecurity Data Elements is August 30th 2019

Additional questions? Contact: gravityproject@emiadvisors.net
<table>
<thead>
<tr>
<th>Week</th>
<th>Target Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>7/18</td>
<td><strong>Food Insecurity Kick-Off</strong>&lt;br&gt;Introduce: Food Insecurity Data Set Submissions</td>
<td>Use Case End-to-End Review (7/5 – 7/19)&lt;br&gt;Submit: Food Insecurity Data Elements</td>
</tr>
<tr>
<td>13</td>
<td>8/1</td>
<td>Food Insecurity Data Sets</td>
<td>UC Consensus Voting (7/29-8/2)&lt;br&gt;Submit: Food Insecurity Data Elements&lt;br&gt;Review: Food Insecurity Data Submissions from Community</td>
</tr>
<tr>
<td>14</td>
<td>8/15</td>
<td>Food Insecurity Data Sets &amp; Value Sets Gaps</td>
<td>Submit: Food Insecurity Data Elements&lt;br&gt;Review: Food Insecurity Data Submissions from Community</td>
</tr>
<tr>
<td>15</td>
<td>8/29</td>
<td>Food Insecurity Data Sets &amp; Value Sets Gaps</td>
<td>Submit: Food Insecurity Data Elements (August 30 deadline)&lt;br&gt;Review: Food Insecurity Data Sets &amp; Value Sets Gaps</td>
</tr>
</tbody>
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Gravity Project Schedule and Activities (Sept to Oct)

<table>
<thead>
<tr>
<th>Week</th>
<th>Target Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
</table>
| 16   | 9/12        | **Food Insecurity Data Sets & Value Sets Gaps** | **Review:** Food Insecurity Data Sets & Value Sets Gaps  
**Submit:** Housing Instability Data Elements  
**Begin:** Food Insecurity Data Sets End-to-End Review |
| 17   | 9/26        | **End-to-End Review**  
*Review:* End-to-End Comment Dispositions To-Date | **Food Insecurity End-to-End Review (9/16-9/27)**  
**Submit:** Housing Instability Data Elements |
| 18   | 10/10       | **Housing Instability Kick-Off**  
*Introduce:* Housing Instability Data Set Submissions from Community | **Food Insecurity Data Set Consensus Voting (10/4-10/11)**  
*Submit:* Housing Instability Data Elements |
How to Review Food Insecurity Adjudicated Data Submissions (Master List)

https://confluence.hl7.org/display/PC/Food+Insecurity+Domain

- Master List with adjudicated data elements will be published on Confluence page bi-weekly (by Friday COB following a bi-weekly public call)
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

- Vote on Use Case document during voting period: July 29 to August 2
Thank you for participating in this national consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net