

The Gravity Project

Food Insecurity Data Sets

August 29, 2019

SIRENetwork.ucsf.edu



Welcome

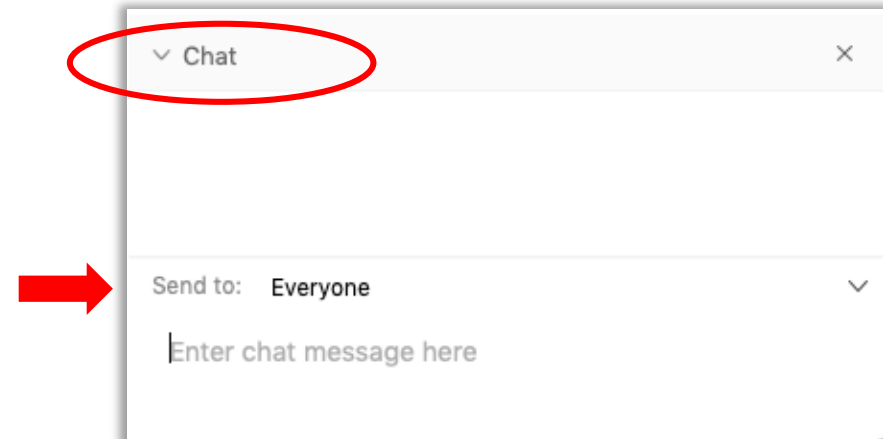
Thank you for joining the **Gravity Project** Workgroup meeting!

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/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>

Agenda

Topic	Presenter
Welcome & Announcements	Lynette
Review: To-Date Data Elements Submission	Linda
Discussion: Interventions, Roles, and Straw Poll	Sarah
Next Steps	Lynette

Please submit questions and comments using the Webex chat feature.

Announcements

- **WHAT:** Gravity has a NEW Confluence URL and Home Page!
 - Confluence:
<https://confluence.hl7.org/display/GRAV/The+Gravity+Project>
 - HL7 Page: *in development* (URL to be shared later)
- **WHY:** Gravity is now an official HL7® FHIR® Accelerator Project
 - Press release coming soon
 - <http://www.hl7.org/about/fhiraccelerator/>

Announcements

- **WHAT:** Use Case Consensus Voting Complete
 - 61 votes
 - 36 Yes
 - 18 Yes with Comments
 - 7 Abstains
 - 0 Formal Objections
 - Final Use Case Package is currently under internal review and will be published by Friday, September 20
 - Documents will be posted on the Gravity Use Case Package Confluence page

Gravity Project Schedule and Activities (July to Aug)

Week	Target Date	Gravity WG Meeting Tasks	Homework
12	7/18	Food Insecurity Kick-Off <i>Introduce: Food Insecurity Data Set Submissions</i>	Use Case End-to-End Review (7/5 – 7/19) <i>Submit: Food Insecurity Data Elements</i>
13	8/1	Food Insecurity Data Sets	UC Consensus Voting (8/5-8/9) <i>Submit: Food Insecurity Data Elements</i> <i>Review: Food Insecurity Data Submissions from Community</i>
14	8/15	Food Insecurity Data Sets & Value Sets Gaps	<i>Submit: Food Insecurity Data Elements</i> <i>Review: Food Insecurity Data Submissions from Community</i>
15	8/29	Food Insecurity Data Sets & Value Sets Gaps	<i>Submit: Food Insecurity Data Elements</i> (August 30 deadline) <i>Review: Food Insecurity Data Sets & Value Sets Gaps</i>



Gravity Project Schedule and Activities (Sept to Oct)

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

Review: Data Elements Submissions To-Date

Data Element Submissions To-Date

# Submissions Received	Screening Tool/ Questions	Diagnosis/ Needs	Goals	Interventions
13	41 Tools / 126 Questions	44	11	103
# Submissions Reviewed	Disposition	Disposition	Disposition	Interventions
6	Add – 1 Tools/ 23 Questions	Add – 1	Duplicate – 1	Add - 7
	Duplicates – 9 Tools/ 14 Questions	Duplicates – 7		Duplicates – 29
	Do Not Add – 5 Tools/ 8 Questions	Do Not Add – 6		Do Not Add – 4/ Park - 2
	Info Needed – 6 Tools/ 6 Questions			Info Needed - 15
# Submissions Returned	2			

How to Review Food Insecurity Adjudicated Data Submissions (Master List)

<https://confluence.hl7.org/pages/viewpage.action?pageId=55938680#FoodInsecurityDomain-FoodInsecurityMasterList>

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

Discussion: Interventions Recap

Intervention Structure

- There is a structure and pattern of terminology that undergirds standard interventions within the clinical space (medications, immunizations, referrals to other providers and specialties)
- Few of the interventions to address the social determinants fit within these existing terminologies
- Thus we need to build the framework of how we care for social needs in SNOMED CT in order to have consistency across settings
- This attempt tries to account for the many settings and roles across clinics and communities

Intervention – SNOMED CT “Procedures”

- Procedures: SNOMED defines procedures as “activities performed in the provision of health care. This includes not only invasive procedures but also administration of medicines, imaging, education, therapies and administrative procedures” (SNOMED Concept Model)
 - Essentially, procedures are all of the concrete activities we employ to address patient concerns.

Intervention Concepts

- Meals on wheels provision assessment (procedure)
- Arrange meals on wheels (regime/therapy)
- Evaluated for meals on wheels
- Educated about WIC
- Provided emergency food assistance
- Counseling about nutrition using motivational interviewing strategy (procedure)
- Nutritionist education, guidance, and counseling (procedure) ←

Interventions Framework I

- Referral to (_____) – (Insert role) a type of order wherein clinicians/providers request services and/or assessment from other professionals and/or programs
- Provision of (_____) (direct supports/aid) For the purposes of our project provision covers any concrete support that is able to be given to the patient directly at the point of service
- (_____) Counseling – Counseling involves interviewing and applying mental health and behavioral strategies
- (_____) Education – (different from counsel) is delivery of patient education aligned with the goals of care
- Assess/Assessment of (_____) – Assessment includes both the process of provider clinical observation and interpretation and the utilization of assessment tools. In both activities the aim is to arrive at outcomes that define the status of the patient in order to guide further care.
- Evaluation of eligibility for (_____) – Used to mark the activities prior to determination of eligibility. (Crucial for federal food assistance programs)
- Assistance with (_____) – Non-clinical assistance with the tasks of care. Assistance with applications, setting up appointments, etc.
- **Case management**
- **Care Management**

Discussion: Roles Recap Update

- Activities occur
 - In clinics, agencies, and community settings
 - By everyone from licensed health providers to willing community members
- Information exchange needs to encompass this breadth of occurrences

Discussion: Roles

- **Individual roles** providing interventions:
 - Recommend use of the existing taxonomy called the [healthcare provider taxonomy code set](#) that includes distinct code for many of the roles in health care settings.
 - Many of the community roles and emerging health roles are not yet in this taxonomy.
 - Need or gap that is beyond the current scope but may be appropriate for Phase II.
 - Terminology that denote referrals to these individuals, the intervention, are within scope

Discussion: Program Roles

Programs also have a role providing interventions:

- Terminology that denote referrals to these programs/agencies are within scope

Therefore

- In the intervention framework
 - Referral to (_____) – (Insert role) a type of order wherein **clinicians/providers** request services and/or assessment from other professionals and/or **programs**
- Examples
 - Referral to a person in the healthcare provider taxonomy code set
 - Referral to a program (eg, medically tailored meals)

Discussion: Straw Poll

Discussion: Straw Poll

- Yes – 24 votes
- No, need to add intervention activity – 15 votes
 1. Define “case management” and “care management”
 2. How is the activity of involving or reaching out to family or supportive individuals captured?
 3. Role of community partners
 4. Multiple comments regarding how to document care planning and self-management
 5. Lack of clarity between counseling and education
 6. * Lack of clarity between “evaluation of eligibility” and “assistance with”
 7. * Need way to capture outcomes (enrollment, utilization, etc.)

Question 1. Define Case Manager and Care Manager

- **Case Manager/Care Coordinator**

A person who provides case management services and assists an individual in gaining access to needed medical, social, educational, and/or other services. The person has the ability to provide an *assessment* and review of completed plan of care on a periodic basis. This person is also able to take collaborative action to *coordinate* the services with other providers and monitor the enrollee's progress toward the cost-effective achievement of objectives specified in the plan of care. (Health Care Provider Taxonomy Code Set/CMS)

Recommendation

- Our recommendation at this time is not add specific approaches as interventions but flesh out the activities they all share in common for greatest utility
- **Coordination** (built off of an AHRQ definition)
 - An activity shared by multiple disciplines (RN Case and Care Management/Social Work/etc.)
 - Ex: Coordination of care plan – 711069006 (Existing SNOMED CT term)

Interventions Framework II

- Referral to (_____) – (Insert role) a type of order wherein clinicians/providers request services and/or assessment from other professionals and/or programs
- Provision of (_____) (direct supports/aid) For the purposes of our project provision covers any concrete support that is able to be given to the patient directly at the point of service
- (_____) Counseling – Counseling involves interviewing and applying mental health and behavioral strategies
- (_____) Education – (different from counsel) is delivery of patient education aligned with the goals of care
- Assess/Assessment of (_____) – Assessment includes both the process of provider clinical observation and interpretation and the utilization of assessment tools. In both activities the aim is to arrive at outcomes that define the status of the patient in order to guide further care.
- Evaluation of eligibility for (_____) – Used to mark the activities prior to determination of eligibility. (Crucial for federal food assistance programs)
- Assistance with (_____) – Non-clinical assistance with the tasks of care. Assistance with applications, setting up appointments, etc.
- **Coordination of (_____) – organizing activities and sharing information**

Question 4:

Care Planning- A framework for missing interventions?

- Many of the missing interventions in our structure seem to be encapsulated by the activity of care planning.
- We are exploring how well the intervention structure meets the breadth of the care planning process
- For example:
 - **Education on** (nutrition skills, nutrition, conditions)
 - With any member of the care team as the person (family, patient, case worker)
 - **Assessment of** patient goals (New)
 - **Assessment of** barriers (New)
 - **Assessment of** progress toward goals (Changed)
 - **Coordination** of care plan/care team (New)
- We are still researching and **seeking insight** on the best (commonly understood and defined) term to represent the mutuality of care planning – Collaboration? Engagement?

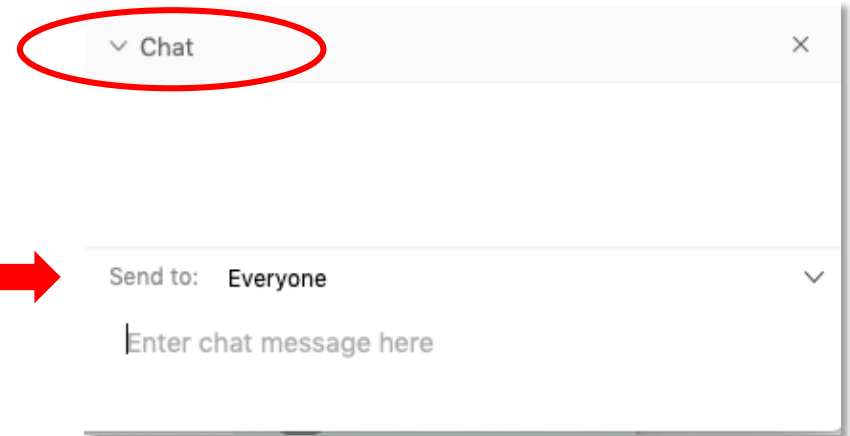
Question 5: Counsel and Education

- Referencing the structure and definitions we recognize a need to clarify when counseling is appropriate rather than education
- Definition: Counseling involves interviewing and applying mental health and behavioral strategies
- We are working on reviewing the terms/concepts where this broader activity would apply (rather than just educating on a program)
- Ex: **Work in Progress!**
 - General: Counseling to overcome barriers to receiving food assistance
 - Specific: Counseling on SNAPs ability to enhance adherence to religious and/or medical dietary requirements
 - Etc.

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.



Next Steps

Next Steps (Homework)

- Submit data elements by domain by **tomorrow, Friday August 30:**

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

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

Additional questions? Contact: gravityproject@emiadvisors.net