



ARPA Home and Community Based Services  
(HCBS) Digital Health Technical Assistance  
Program Milestone 7 CRISP DC HIE Webinar:

# SDOH Data Sharing Webinar

Abby Lutz | Program Coordinator

[abby.lutz@crisphealth.org](mailto:abby.lutz@crisphealth.org)

February 28th, 2024



# Agenda

---

- Define SDOH and Z-Codes
- Data Sharing Opportunities with CRISP DC
  - Z-Codes
  - Screening Assessment
  - Direct Entry Screening Tool
- Importance of Collecting and Sharing Social Needs Data

## Let's Define SDOH

- Healthy People 2030 defines Social Determinates of Health (SDOH) as "the conditions in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality of life outcomes and risks."

[Utilization of Z Codes for Social Determinants of Health among Medicare Fee-for-Service Beneficiaries, 2019 \(cms.gov\)](#)

## Z-Codes

- Z-Codes are a set of ICD-10 codes that are used to report social determinants known to affect an individual's health related outcomes
- Z-Codes can be utilized in a variety of different healthcare settings
- The gravity project also helped standardize the use of ICD-10 codes related to a patient's social needs.

[Utilization of Z Codes for Social Determinants of Health among Medicare Fee-for-Service Beneficiaries, 2019 \(cms.gov\)](#)

# Z-Codes within Credible

- Organizations who are using Credible EMR can enter a patients Z-codes within their system in the areas below:

## DG1-3.1 - ICD 10 Code

Database: `[dbo].[clientaxisdetail].[icd10_code]`

Problem List (DSM 5 / ICD10) Client Education Resequence Show All Detail

1	(F69) Unspecified disorder of adult personality and behavior (301.9) PERSONALITY DISORDER NOS	-
---	--	---

Diagnosed By: Eric    Diagnosed:    Resolved:

Onset Prior to Admission:    Onset Date:    Previous Onset Date:

Default for Programs:    Notes:

SNOMED Description:    RO:

Is 42CFR:

Provisional:

Last Updated: 04/13/2023

## DG1-3.2 - ICD 10 Description

Database: `[CWMF_Base].[dbo].[RFMLIADO_ICD_ALL_DESC].[ICD_DESC]` - lookup joined via the `[dbo].[clientaxisdetail].[icd10_code]`

Problem List (DSM 5 / ICD10) Client Education Resequence Show All Detail

1	(F69) Unspecified disorder of adult personality and behavior (301.9) PERSONALITY DISORDER NOS	-
---	--	---

Diagnosed By: Eric    Diagnosed:    Resolved:

Onset Prior to Admission:    Onset Date:    Previous Onset Date:

Default for Programs:    Notes:

SNOMED Description:    RO:

Is 42CFR:

Provisional:

Last Updated: 04/13/2023



# Z-Codes Discussion

---

- Is your organization interested in learning more about capturing Z-codes within your EMR?
  - How does this fit into your workflow?

# Data Sharing Opportunities for Z-Codes

- Organizations who are collecting Z-codes (ICD-10) reflecting social conditions can share to CRISP via ADT or CCDs.
- CRISP DC will parse the Z-Codes and display them at the point of care within the CRISP DC platform

The screenshot displays the HIE InContext interface for a patient named GILBERT GRAPE, Male, born Jan 1, 1984. The interface is divided into a left sidebar with navigation options and a main content area. The main content area shows a 'CONDITIONS' tab with a table of social conditions.

Date ↓	Source	Z-Code	Description
2022-01-27	American Radiology Services	Z59.1	Inadequate housing
2022-01-25	American Radiology Services	Z56.0	Unemployment, unspecified
2021-09-30	American Radiology Services	Z60.2	Problems related to living alone
2021-07-01	American Radiology Services	Z63.4	Disappearance and death of family member

At the bottom of the table, there is a pagination control showing 'Rows per page: 25' and '1.4 of 4'.



# Data Sharing Opportunities for Screening Assessments

- Organizations who are capturing screening assessments in their EHR can share data with CRISP DC.
  - Data is shared to CRISP DC using a CSV file via a CRISP DC-hosted MFT (Managed File Transfer) folder.
- Technical Requirements
  1. Complete the SDOH Screening Assessment template and share with CRISP DC. This template will list out all possible answers, maps each question to a social domain and identifies any abnormal responses.
  2. CRISP DC creates a custom CSV template using the organization's questions
  3. Organization submits the CSV file at the cadence determined by the organization via the CRISP DC-hosted MFT folder.





# Sharing FindHelp SDOH Data with CRISP DC

- Organizations that are already using FindHelp for screening or referrals can share their FindHelp data with CRISP DC.
- Legal Requirements
  - The organization must request FindHelp to update their existing network addendum agreement to list CRISP DC as a vendor to share SDOH screening and referral data
- Technical Requirements
  - CRISP DC will then work with FindHelp to ingest data from the organization once the network agreement has been updated and signed. CRISP will display referral data in the Referral History tab and assessment data in the Assessments tab within CRISP DC Portal.





# Display of Screening Assessments within the Portal

**HIE InContext** **GILBERT GRAPE** Male | Jan 1, 1984

**ASSESSMENTS** | CONDITIONS

Date ↓	Source	Description
2023-09-27	CRISP ULP PROD	MOMSDOH
2023-09-26	CRISP ULP PROD	WWUMSDOH
2023-09-25	CRISP ULP PROD	CALVERTSDOH
2023-09-25	CRISP ULP PROD	
2023-09-25	CRISP ULP PROD	
2023-08-16	CRISP ULP PROD	
2023-08-16	CRISP ULP PROD	
2023-06-15	CRISP ULP PROD	
2023-06-15	CRISP ULP PROD	
2023-05-24	CRISP ULP PROD	
2023-03-06	Priority Partners Referrals	
2022-06-20	MCH Ventures, Inc.	

**GILBERT GRAPE | Male | Jan 1, 1984**

**Assessments**  
CRISP ULP PROD  
2023-09-27

**Living Situation**

**What is your living situation today?**

- I have a place to live today, but I am worried about losing it in the future

**Think about the place you live. Do you have problems with any of the following? CHOOSE ALL THAT APPLY**

- Lead paint or pipes
- Mold

Food

# Direct Entry Screening Tool

- Organizations who do not have an electronic mechanism to capture a patient's social needs screening assessment can leverage the CRISP Direct Entry Screening Tool.
- The Direct Entry Screening Tool allows for an organization to upload their own screening assessment and complete it within the CRISP DC Portal
- Once the screening assessment is completed it will appear within the Assessment subtab of the Social Needs Data tab and viewable by other members of the patient's care team.
- Technical Requirements:
  - Complete the Social Needs Screening Assessment Template and send it to CRISP DC.
  - Send CRISP DC a list of users who will need to be able to access the Direct Entry Screening tool
  - CRISP DC will make the screening assessment available for all users who need access



# Direct Entry Screening Tool within the CRISP DC Portal

CRISP DC

© CRISP. All Rights Reserved.

HIE ADMINS

SEND FEEDBACK

PRODUCT UPDATES

ABBY LUTZ

LOGOUT

HOME

Search Applications & Reports



Reports & Applications

## Direct Entry Screening Tool

Name: GILBERT GRAPE

Gender: female

DoB: 1984-01-01

Phone: home: 9999994349

Available Questionnaires:  Show Date

Search

Ascension SDOH Screening Tool

MAC Living Well SDOH Screening Questionnaire

Privia PRAPARE SDOH Screening Questionnaire

Calvert Health Social Needs Screening

West Virginia University Medicine Social Needs Questionnaire

Meritus SDOH Screening Questionnaire

The Accountable Health Communities Health-Related Social Needs Screening Tool

Maryland MOM Social Determinants of Health Screening

### Privia PRAPARE SDOH Screening Questionnaire

Name

Value

#### Family & Home

How many family members, including yourself, do you currently live with?

Type a value

What is your housing situation today?

Select one

Are you worried about losing your housing?

Select one

What address do you live at?

Type a value

#### Money & Resources

What is the highest level of school that you have finished?

Select one

What is your current work situation?

Select one

What is your main insurance?

Select one

During the past year, what was the total combined income for you and the family members you live with? This information will

Type a value

## Why is this important?

---

- Now that your organization is sharing data with the DC HIE, there are more opportunities to expand on the level of data being shared
- Since CRISP is already connected with your EMR system and sending data, you can leverage those existing connections to send SDOH data to the HIE



## What are the benefits to sharing my patient's social needs data with the DC HIE?

- The sharing of this data can be very beneficial for your clients by allowing other members of the patients care team see their SDOH data.
- The sharing of SDOH data to the HIE;
  - Reduces repeat assessments
  - Reduces asking of sensitive questions
  - Help connect patients to resources



Would you like to begin sharing SDOH data with CRISP DC?

---

*If so please contact SDOH Project Lead, Abby Lutz, at [abby.lutz@crisphealth.org](mailto:abby.lutz@crisphealth.org) or contact the DC Outreach team at [dcoutreach@crisphealth.org](mailto:dcoutreach@crisphealth.org)*





## Social Needs Data Tab – Demo

---

Now we will move into a walkthrough of the Social Needs Data Tab



## Quiz Questions

1. What ways can organizations share their social needs screening assessments with the HIE?
2. What are Z-Codes?
3. Where in the CRISP DC Portal can you see a patients previous screening assessments?
4. Why is it important to collect social needs data?
5. Where can I go for resources about sharing SDOH screening assessment data?



The CRISP DC consent tool is available through the DC HIE for any organizations who have been trained and credentialed.

If your organization would like to implement the tool, please contact Abby Lutz ([abby.lutz@crisphealth.org](mailto:abby.lutz@crisphealth.org)) for a consent tool demonstration.

1140 3<sup>rd</sup> Street NE

Washington, DC 20002

833.580.4646 | [www.crispdc.org](http://www.crispdc.org)

[dcoutreach@crisphealth.org](mailto:dcoutreach@crisphealth.org)