



# **SDOH Process & Coding**

## **March 27, 2024**

*Our Mission is to heal the sick and to improve  
the health of the communities we serve.*

# About Owensboro Health

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Owensboro Health is a system of 3 hospitals and large medical group.

- 3 Hospital System serving over 500,000 lives, reaching and 18-county area in Western KY and Southern IN
- 4,567 Team Members/over 250 providers
- 642 Licensed Beds: 391 Acute, 75 Transitional, 20 Rehab, and 24 Behavioral Health beds





# The Build

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- Multidisciplinary team with IT, Nursing, and Population Health
- Cross Walked current questions in EPIC with the CMS HRSN Screening Tool questions
- Go-Live end of January 2023
  - Performed concurrent audits for the first two months
- Continue to review and improve as new changes come out through the HRIP program

## Social Determinants of Health

Responsible Create Note Macro Manager

Show Last Filed Value Show Details Show All Choices

### Living Situation

What is your living situation today?

steady place to live worried about losing current living place no steady place to live patient unable to answer patient declined

Think about the place you live. Do you have problems with any of the following?

Pest Mold Lead Lack of Heat Oven/Stove not working Missing/non-working smoke detector Water leaks N/A patient unable to answer patient declined

### Food Insecurity

Within the past 12 months, you worried that your food would run out before you got the money to buy more.

Never true Sometimes true Often true Patient unable to answer Patient declined

Hager, E. R., Quigg, A. M., Black, M. M., Coleman, S. M., Heeren, T., Rose-Jacobs, R., Frank, D. A. (2010). Development and validity of a 2-Item screen to identify families at risk for food insecurity. PEDIATRICS, 126(1), e26–e32. doi:10.1542/peds.2009-3146.

Within the past 12 months, the food you bought just didn't last and you didn't have money to get more.

Never true Sometimes true Often true Patient unable to answer Patient declined

Hager, E. R., Quigg, A. M., Black, M. M., Coleman, S. M., Heeren, T., Rose-Jacobs, R., Frank, D. A. (2010). Development and validity of a 2-Item screen to identify families at risk for food insecurity. PEDIATRICS, 126(1), e26–e32. doi:10.1542/peds.2009-3146.

### Transportation Needs

In the past 12 months, has lack of transportation kept you from medical appointments or from getting medications?

Yes No Patient unable to answer Patient declined

National Association of Community Health Centers, Association of Asian Pacific Community Health Organizations, Oregon Primary Care Association, and Institute for Alternative Futures. The Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE). 2016. www.nachc.org/prapare

In the past 12 months, has lack of transportation kept you from meetings, work, or from getting things needed for daily living?

Yes No Patient unable to answer Patient declined

National Association of Community Health Centers, Association of Asian Pacific Community Health Organizations, Oregon Primary Care Association, and Institute for Alternative Futures. The Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE). 2016. www.nachc.org/prapare.

### Utilities

In the past 12 months has the electric, gas, oil or water company threatened to shut off services in your home?

yes no already shut off patient unable to answer patient declined

# Nurse Training & Reporting

## Epic Tip Sheet: Social Determinants of Health for Inpatient Nursing



Questions regarding Social Determinants of Health are being added to the Admission navigator and Admission required documentation.

**Navigators**

- Admission
- Transfer
- Send Home or Nursing Home or Ext.
- Send to TCC or Rehab

**Social Determinants of Health**

Responsible + Create Note + Show Last Filed Value  Show Details  Show All Choices +

**Living Situation**

What is your living situation today?

steady place to live | worried about losing current living place | no steady place to live | patient refused

Think about the place you live. Do you have problems with any of the following?

Pest  Mold  Lead  Lack of Heat  Oven/Stove not working  Missing/on-working smoke detector  Water leaks  N/A

**Food Insecurity**

Within the past 12 months, you worried that your food would run out before you got the money to buy more.

Never true | Sometimes true | Often true | Patient refused

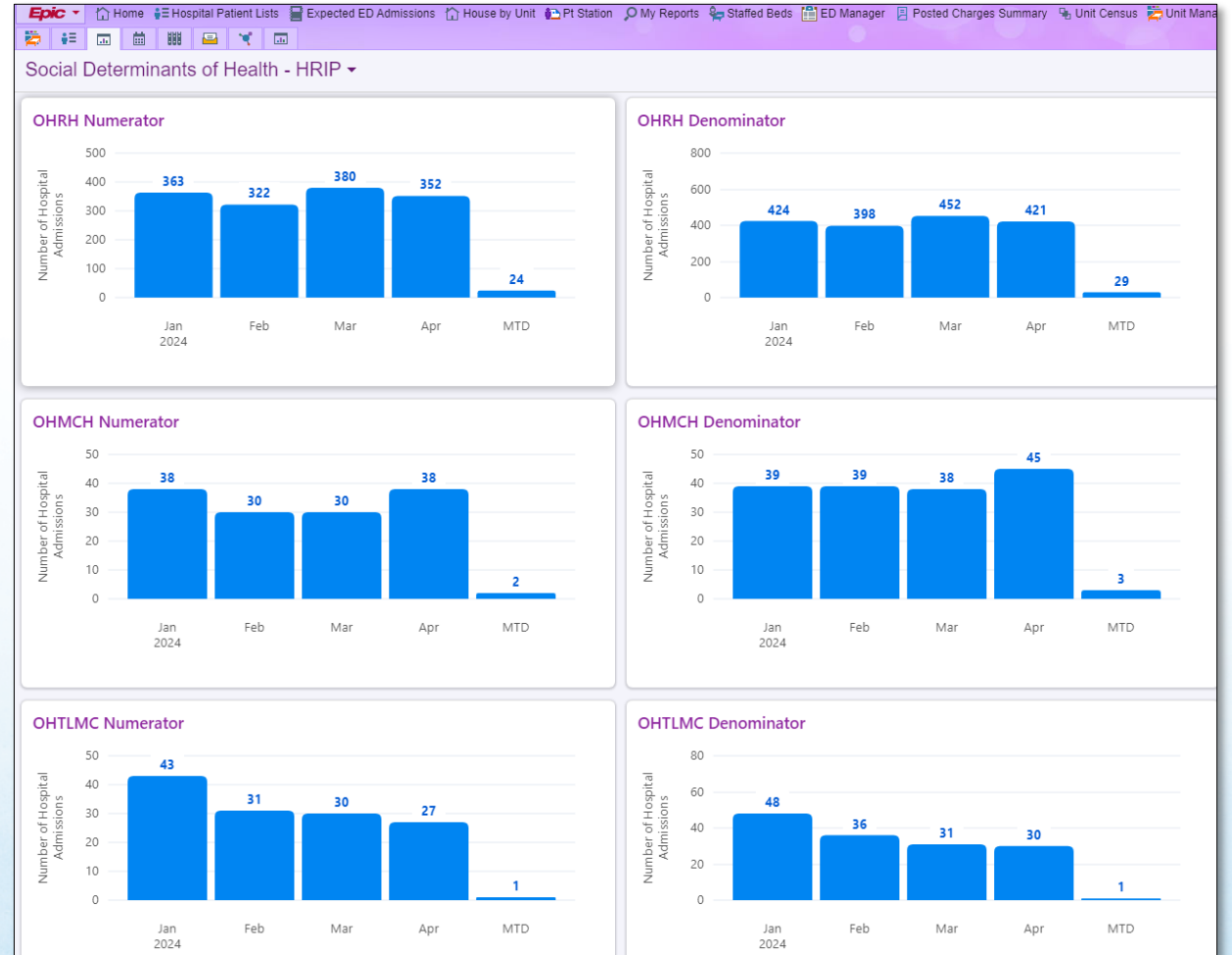
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Within the past 12 months, the food you bought just didn't last and you didn't have money to get more.

Never true | Sometimes true | Often true | Patient refused

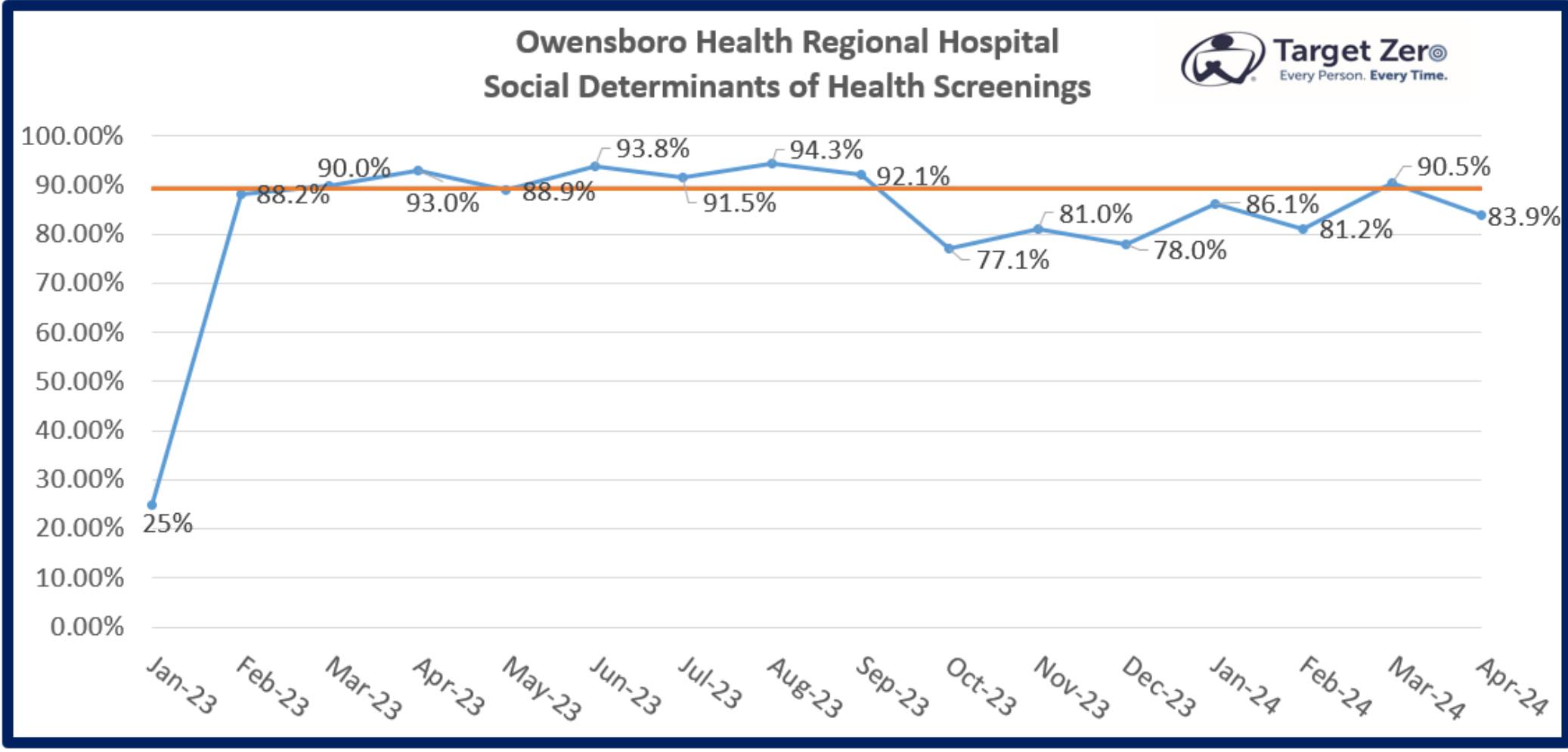
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- Most patients will receive the questions, although certain patients will be exempt.
- You can use the Doc button from the Brain and Brian Sidebar but **the preferred workflow is using the Admission navigator.**
- All questions have a "Patient refused" button, and the questions are part of "required documentation."
- The previous depression screen is being replaced, and now the appropriate depression questions are included in the SDOH assessment. ("Coping" depression questions are being replaced with the PHQ9 assessment in Psychosocial Review section, with two initial questions and additional cascading questions if appropriate).





# Current Data



# Coding

- Once the build was complete on the Social Determinants questionnaire, the coders were provided education on where to locate this within Doc Review for coding purposes.

The screenshot displays a medical record interface with a navigation bar at the top containing tabs: Data, Abuse/Planning, Activity/Mobility, Anthropometrics, Arrival, Arrival Documentation, Assessment, and Social Determinants (highlighted with an orange box). The date 2/24/2023 and time 0400 are shown. A left sidebar lists various medical categories, with 'Flowsheets' highlighted in blue and outlined in orange. The main content area shows the Social Determinants questionnaire with the following sections and questions:

Section	Question	Response
<b>Living Situation</b>	What is your living situation today?	steady place to live
	Think about the place you live. Do you have problems with any of the following?	N/A
<b>Food Insecurity</b>	Within the past 12 months, you worried that your food would run out before you got the money to buy more.	Never true
	Within the past 12 months, the food you bought just didn't last and you didn't have money to get more.	Never true
<b>Transportation Needs</b>	In the past 12 months, has lack of transportation kept you from medical appointments or from getting medications?	No
	In the past 12 months, has lack of transportation kept you from meetings, work, or from getting things needed for daily living?	No
<b>Utilities</b>	In the past 12 months has the electric, gas, oil or water company threatened to shut off services in your home?	no
<b>Safety</b>	How often does anyone, including family and friends, physically hurt you?	never
	How often does anyone, including family and friends, insult or talk down to you?	never
	How often does anyone, including family and friends, threaten you with harm?	never
	How often does anyone, including family and friends, scream or curse at you?	never
<b>Financial Resource Strain</b>	How hard is it for you to pay for the very basics like food, housing, medical care, and heating?	Not hard at all
<b>Employment</b>	Do you want help finding or keeping work or a job?	I do not need or want help
<b>Family and Community Support</b>	If for any reason you need help with day-to day activities such as bathing, preparing meals, shopping, managing finances, etc, do yo...	I don't need any help
	How often do you feel lonely or isolated from those around you?	never
<b>Education</b>	Do you speak a language other than English at home?	no
	Do you want help with school or training? For example, starting or completing job training or getting a high school diploma, GED or e...	no
<b>Physical Activity</b>	On average, how many days per week do you engage in moderate to strenuous exercise (like a brisk walk)?	0 days
	On average, how many minutes do you engage in exercise at this level?	0 min
<b>Substance Use</b>		

# Coding

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- The admitting nurse completes the questionnaire during the admission assessment and our coders review the questionnaire and capture any applicable codes.
- Per coding guidelines, code assignment for SDOH may be based on medical record documentation from clinicians other than the actual provider.
- Our Clinical Documentation Improvement team also captures applicable SDOH codes during their concurrent reviews.