

Social Determinants of Health (SDOH)

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SDOH

Learning Objectives

- List at least two SDOH Categories
- Describe impacts on health care outcomes
- Use resources provided to help you champion SDOH use



Social Determinants of Health (SDOH)

- **C**onditions and **E**nvironments where people are born, live, learn, work, play, worship and age that affect a wide array of health functioning and quality of life outcomes.
- These **C**onditions and **E**nvironment also may contribute to health and wellbeing inequities.



SDOH Categories 1



Economic Stability

- Steady employment
- Access to affordable transportation
- Housing inequities
- Increase access to healthy food options.

SDOH Categories 2



Education Access and
Quality

- Low health literacy
 - Poor health outcomes
 - Increase burn out
 - (Patient, Caregiver and Healthcare Provider)
- Policies to provide equitable education
 - Helping parents and kids to succeed
 - Pre – K
 - Access to after school care

SDOH Categories 3



Health Care Access and
Quality

- Strategies to increase coverage
 - Disease prevention and management
 - Transportation
 - Food delivery
- Increase / Improve health communication
 - Face to Face –Telehealth - Electronic communication
 - Training on Cultural awareness
 - unconscious bias (not consciously done)

SDOH Categories 4



- Clean Air or water
 - Louisiana Rural areas (Boil Advisories)
- Decrease Violence – Safer neighborhoods
- Policies (local/state) – improve health equity
 - Clean Air or water
 - Louisiana Rural areas (Boil Advisories)
 - Increase access to foods that support healthy lifestyle
 - Build and or maintain Sidewalks & Parks
 - walking, biking, playing.

SDOH Categories 5



Social and Community
Context

- Social isolation
 - Cognitive decline.
 - Lack of connectedness with neighbors
- Increase civic participation & Social Cohesion

What challenges your patients face in their environments?




Healthier Communities

-Working toward solutions



Part of the LSU AgCenter’s Healthy Communities initiative is to work with local schools to establish and run gardens. Here, young hands check on a young broccoli at Choudrant Elementary in Lincoln Parish. Healthy Communities will play an important role in disseminating the findings of the RURAL study to all Louisiana communities, and working together to implement any changes rural residents would like to make.

– Cathy Judd

MARCH 2023						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 9:30am-11:30am Barousse Family Clinic	2 9am-11am Hansberry Adult Daycare Center	3 10am-12pm Citizens United- Melville	4
	6 9:30am-11:30am Sun Wellness Resource Center	7 9:30 am-11:30am Eunice Community Garden	8 9:30am-11:30am Elizabeth Baptist Church Branch	9 9:30am-11:30am Centerwell Lafayette	10 10am-12pm Jeanerette Ward 8 Park	11
	13 9:30am-11:30am St. Martinville City Hall	14 9:30am-11:30am Gary Soileau Comm Center	15 9:30am-11:30am ST. Mary Magdalen CSC	16 11am-1pm Opelousas General- Main Campus	17 Closed	18 10am-12pm Lake Char MM Special E
	20 Closed	21 9:30am-11:30am Love of Christ	22 12pm-2pm Lafayette Event	23 9:30 AM-11:30am Henderson City Park	24 11am-1pm Opelousas General-South Campus	25
	27 9:30am-11:30pm Hope Alliance	28 9:30am-11:30am Village Du Lac	29 9:30am-11:30am Thensted Outreach Center	30 9:30am-11:30am Southern Family Clinic	31 Closed	
te during					 215 East Pin 337.237.7711	

Healthier Community

Economics – Education- Food Insecurity - Built Environment



Salted- \$0.50 (each)
Cheese- \$3.00 (28 Slices)

- Lemons (5ct)- \$1.50
- Oranges (4ct)- \$1.50

Protein

- Eggs- \$1.50 (Dozen)

Nutritious foods. Affordable prices.

Vegetables

- Bell Peppers- \$0.50 (each)
- Broccoli- \$0.50 (a bunch)
- Cabbage, Green- \$1.00 (each)
- Carrots, Baby- \$1.00
- Celery- \$1.00 (each)
- Cucumbers- \$0.50 (each)
- Garlic- \$0.25 (each)
- Green Onion- \$0.50 (each)
- Jalapenos- \$0.25 (each)
- Lettuce- \$1.00
- Red Onion- \$0.50 (each)
- Yellow Onion- \$0.50 (each)
- Russet Potato (4ct)- \$1.50
- Sweet Potato (2ct)- \$1.00
- Spinach- \$1.50
- Tomato- \$0.50 (each)

- Milk 2% &
- Butter, Un
- Cheddar C



SDOH

-Tools in your office

SDOH and your EMR

Social Factors

For an upcoming appointment with [REDACTED] on 3/2/2023

How hard is it for you to pay for the very basics like food, housing, medical care, and heating?

Not hard at all

Not very hard

Somewhat hard

Hard

Very hard

Decline

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

Never true

Sometimes true

Often true

Decline

In the last 12 months, was there a time when you **did not have a steady place to sleep or slept in a shelter**

Yes

No

Decline

SDOH Collection Tool



Social Screenin

HOUSING

1. Are you worried or concerned that in the next two months you may not have stable housing that you own, rent, or stay in as a part of a household?¹
 - Yes
 - No
2. Think about the place you live. Do you have problems with any of the following? (check all that apply)²
 - Bug infestation
 - Mold
 - Lead paint or pipes
 - Inadequate heat
 - Oven or stove not working
 - No or not working smoke detectors
 - Water leaks
 - None of the above

FOOD

3. Within the past 12 months, you worried that your food would run out before you got money to buy more.³

CHILD CARE

7. Do problems getting child care make it c work or study?⁵
 - Yes
 - No

EMPLOYMENT

8. Do you have a job?⁶
 - Yes
 - No

EDUCATION

9. Do you have a high school degree?⁶
 - Yes
 - No

FINANCES

10. How often does this describe you? I don money to pay my bills:⁷
 - Never
 - Rarely

SDOH Collection Tool



AHC HRSN Screening Tool Core Questions

If someone chooses the underlined answers, they might have an unmet health-related social need.

Living Situation

1. **What is your living situation today?**³

- I have a steady place to live
- I have a place to live today, but I am worried about losing it in the future
- I do not have a steady place to live (I am temporarily staying with others, in a hotel, in a shelter, living outside on the street, on a beach, in a car, abandoned building, bus or train station, or in a park)

2. **Think about the place you live. Do you have problems with any of the following?**⁴

CHOOSE ALL THAT APPLY

- Pests such as bugs, ants, or mice
- Mold
- Lead paint or pipes
- Lack of heat
- Oven or stove not working
- Smoke detectors missing or not working
- Water leaks
- None of the above

Food

Some people have made the following statements about their food situation. Please answer whether the statements were OFTEN, SOMETIMES, or NEVER true for you and your household in the last 12 months.⁵



SDOH - Your practice or organization
Journey to Healthy Outcomes



Step 1 Collect SDOH Data

Any member of a person's care team can collect SDOH data during any encounter.

- Includes providers, social workers, community health workers, case managers, patient navigators,

Step 2 Document SDOH Data

Data are recorded in a person's paper or electronic health record (EHR).

- SDOH data may be documented in the problem or diagnosis list, patient or client history, or

Step 3 Map SDOH Data to Z Codes

Assistance is available from the ICD-10-CM Official Guidelines for Coding and Reporting.¹

- Coding, billing, and EHR systems help coders assign standardized codes (e.g., Z codes).

What are

Z
codes

SDOH-related Z codes ranging from Z55-Z65 are the ICD-10-CM encounter reason codes used to document SDOH data (e.g., housing, food insecurity, transportation, etc.).

SDOH are the conditions in the environments where people are born, live, learn, work, play, worship and age.

Z code

Categories

Z55 - Problems related to education and literacy

Z56 - Problems related to employment and unemployment

Z57 - Occupational exposure to risk factors

Z58 - Problems related to physical environment

Z59 - Problems related to housing and economic circumstances

Z60 - Problems related to social environment

Z62 - Problems related to upbringing

Z63 - Other problems related to primary support group, including family circumstances

Z64 - Problems related to certain psychosocial circumstances

Z65 - Problems related to other psychosocial circumstances

This list is subject to revisions and additions to improve alignment with SDOH data elements.



Step 3 Map SDOH Data to Z Codes

Assistance is available from the ICD-10-CM Official Guidelines for Coding and Reporting.¹

- Coding, billing, and EHR systems help coders assign standardized codes (e.g., Z codes).
- Coders can assign SDOH Z codes based on self-reported data and/or

Step 4 Use SDOH Z Code Data

Data analysis can help improve quality, care coordination, and experience of care.

- Identify individuals' social risk factors and unmet needs.
- Inform health care and services, follow-up, and discharge planning.

Step 5 Report SDOH Z Code Data Findings

SDOH data can be added to key reports for executive leadership and Boards of Directors to inform value-based care opportunities.

- Findings can be shared with social service organizations, providers, health plans, and consumer/patient advisory boards to identify unmet needs.



SDOH Innovation - Administration

USING SDOH Z CODES

Can Enhance Your Quality Improvement Initiatives



Health Care Administrators

Understand how SDOH data can be gathered and tracked using Z codes.

- Select an SDOH screening tool.
- Identify workflows that minimize staff burden.
- Provide training to support data collection.
- Invest in EHRs that facilitate data collection and coding.
- Decide what Z code data to use and monitor.

Develop a plan to use SDOH Z code data to:

- Enhance patient care.
- Improve care coordination and referrals.
- Support quality measurement.
- Identify community/population needs.
- Support planning and implementation of social needs interventions.



Health Care Team

Use a SDOH screening tool.

- Follow best practices for collecting SDOH data in a sensitive and HIPAA-compliant manner.
- Consistently document standardized SDOH data in the EHR.
- Refer individuals to social service organizations and appropriate support services through local, state, and national resources.



Coding Professionals

Follow the ICD-10-CM coding guidelines.³

- Use the CDC National Center for Health Statistics [ICD-10-CM Browser](#) tool to search for ICD-10-CM codes and information on code usage.⁴
- Coding team managers should review codes for consistency and quality.
- Assign all relevant SDOH Z codes to support quality improvement initiatives.

Z code Categories

- Z55** – Problems related to education and literacy
- Z56** – Problems related to employment and unemployment
- Z57** – Occupational exposure to risk factors
- Z58** – Problems related to physical environment
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- Z60** – Problems related to social environment
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SDOH Resources

- [ZCodes Infographic - 2022 \(cms.gov\)](#)
- [value-initiative-icd-10-code-social-determinants-of-health.pdf \(aha.org\)](#)
- [**https://www.findhelp.org/**](https://www.findhelp.org/)
- [**https://innovation.cms.gov/files/worksheets/ahcm-screeningtool.pdf**](https://innovation.cms.gov/files/worksheets/ahcm-screeningtool.pdf)
- [**https://www.aafp.org/dam/AAFP/documents/patient_care/everyone_project/hops19-physician-form-sdoh.pdf**](https://www.aafp.org/dam/AAFP/documents/patient_care/everyone_project/hops19-physician-form-sdoh.pdf)
- [**https://health.gov/healthypeople/objectives-and-data/social-determinants-health**](https://health.gov/healthypeople/objectives-and-data/social-determinants-health)

Thank You

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