Social Determinants of Health: Introduction and Resources

Emory Prevention Research Center August 18, 2023

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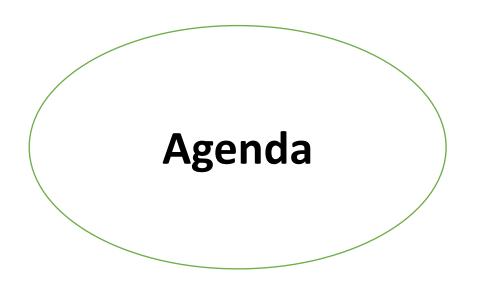
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- 1. Definition of Social Determinants of Health
- 2. Categories of Social Determinants of Health
- 3. Frameworks related to Determinants of Health
- 4. Surveys to measure SDH
- 5. Way to address SDH







Emory Prevention Research Center

Partnering with communities and leveraging research to prevent cancer and promote health equity

Prevention Research Centers (2019-2024)





Emory Prevention Research Center (EPRC) Core (CDC-funded) research focuses on cancer prevention & reducing health disparities related to chronic disease in **rural** communities

Based in the Department of Behavioral, Social, and Health Education, Rollins School of Public Health, with strong connections to Winship Cancer Institute

Funded by CDC from 2004-2014, and now again 2019-2024

Strong partnership in **southwest Georgia** since 2004, building on Cancer Coalition of South Georgia's (now called Horizons Community Solutions) Board of Directors for our **Community Advisory Board** initially and prior study on smoke-free homes

Encourage and support SIP proposals to focus on southwest Georgia when appropriate







RESEARCH

EVALUATION

TRAINING



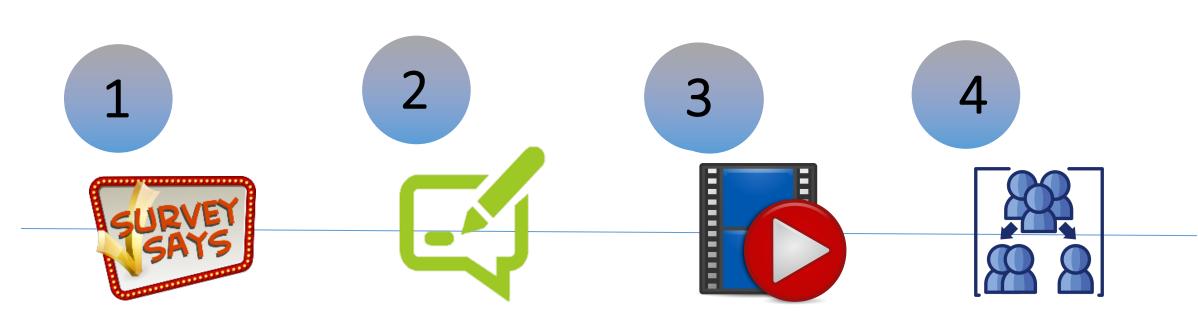




COMMUNITY

DISSEMINATI ON

Training Symbols



Zoom Poll

•Annotate Feature

Video Clip

•Breakout Room *OR* Chat

Source: <u>clip-art-library.com</u>



Learning Objectives



Define social determinants of health and their categories

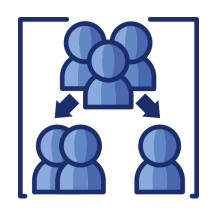


Describe the effects of social determinants of health



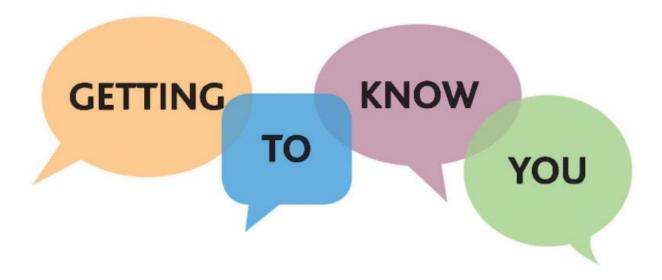
Locate and utilize tools for assessing social determinants of health





Chat

What health issues are you working with in your communities?



Definition of Social Determinants of Health

What are social determinants of health?

"The conditions in which people are born, grow, live, work, and age and the fundamental drivers of these conditions"

World Health Organization's Commission on Social Determinants of Health



Video on SDH







What does this sentence mean to you?

Health starts in our schools, homes and communities.





Social Determinants of Health



Economic & Education Factors





Economic

Poverty

Employment

Income

Income inequality

Housing/ transportation affordability

Child care access

Food security

Education

Academic achievement (High school graduation)

Language and literacy

Early childhood education and development

Infrastructure and capacity

School environments

Health education



Health
Care &
Neighborhood
Factors





Health Care Access

Health care utilization & access
Health care infrastructure
Quality of care
Provider training
Public health program/services

Neighborhood/ Built Environment

Food environment and agriculture
Housing and transit (communitylevel factors)

Safety, crime, violence, and policing

Environmental conditions



Social Factors



Social

Family/social support Social cohesion/ collective efficacy/ social capital

Civic participation/ engagement/ governance

Social mobility

Discrimination/racism

Incarceration

Segregation



Why focus on Social Determinants of Health and health equity?

- These social determinants of health and their interactions affect people throughout their lives (e.g., move)
- Supporting people by addressing one or more contextual factors has the potential to help attain their highest level of health
- Communities/public health can focus its resources on the areas where investments can make progress for health (e.g., education, transportation, etc.)



Expand opportunities for health, same approach will work universally for everyone

EQUALITY:

Everyone gets the same – regardless if it's needed or right for them.



Everyone gets what they need – understanding the barriers, circumstances, and conditions.









What social determinants of health issues you are seeing in your community?

Poll

Social Determinants of Health



Social
Determinant of
Health
Frameworks



Healthy People 2030

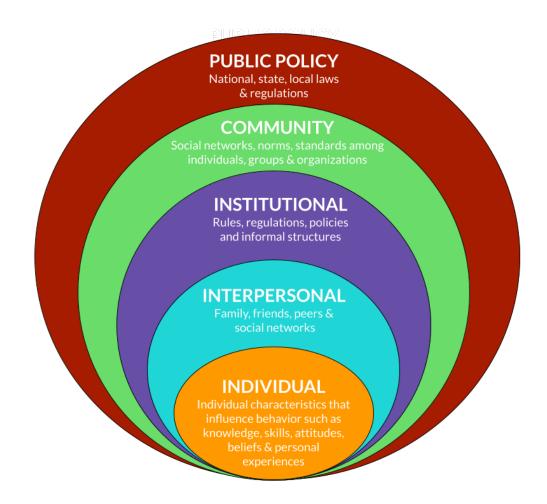
Social Determinants of Health



- ➤ Healthy People is designed to guide national health promotion and disease prevention efforts to improve the health of the nation.
- "Create social, physical, and economic environments that promote attaining the full potential for health and well-being for all."

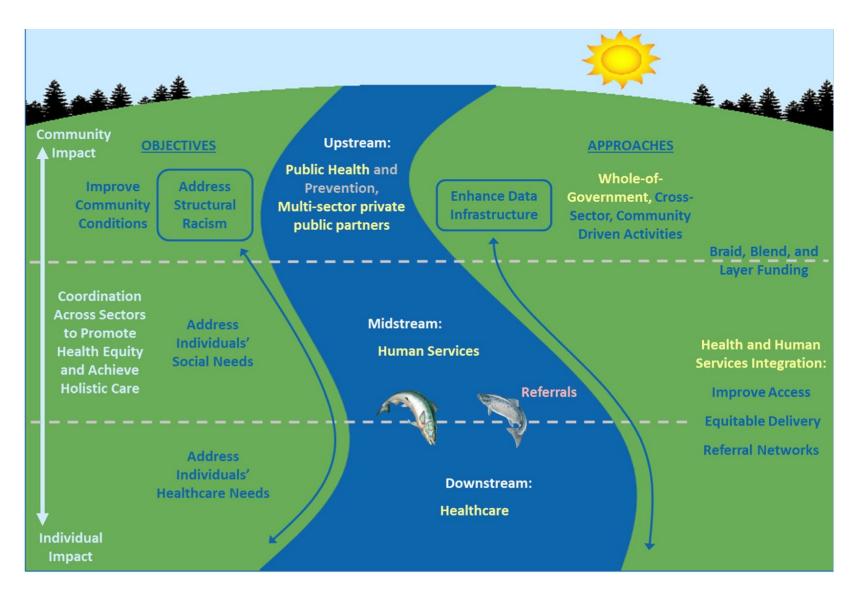


SDH Framework/ Models





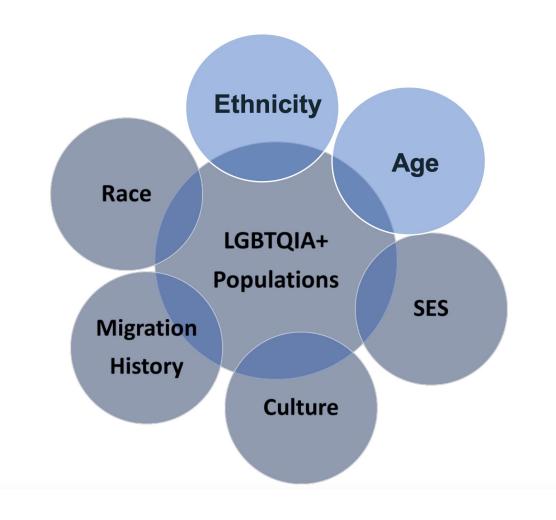
SDH Framework/ Models



Collection of SDH- LGBQT status

SDOH screening LGBTQIA+ Populations

- Sexual Orientation and gender identity data
- Violence
- Intersectionality and stigma
- Social isolation and lack of family support
- Racism and discrimination
- Mistrust



SDH Activity - Worksheet

- 1. Think about a preventive activity that you are working on in your community. This could be getting a mammogram, being active, etc.
- 2. From the SDH categories,
 - 1. Review each category individually.
 - 2. Write examples how some of those categories have affected people in their communities. (~5 mins)
 - 3. Report out to everyone. (~20 mins)

Social Determinants of Health



SDH Activity - Worksheet

Health Issue:

| SDH Category | Application to your Topic |
|------------------------------------|---------------------------|
| Education | |
| Economics | |
| Social | |
| Neighborhood and built environment | |
| Healthcare access | |
| Structural racism | |



Social
Determinant of
Health Surveys
or Tools



<u>This Photo</u> by Unknown Author is licensed under <u>CC BY-SA-NC</u>

Common Items in SDH data collection

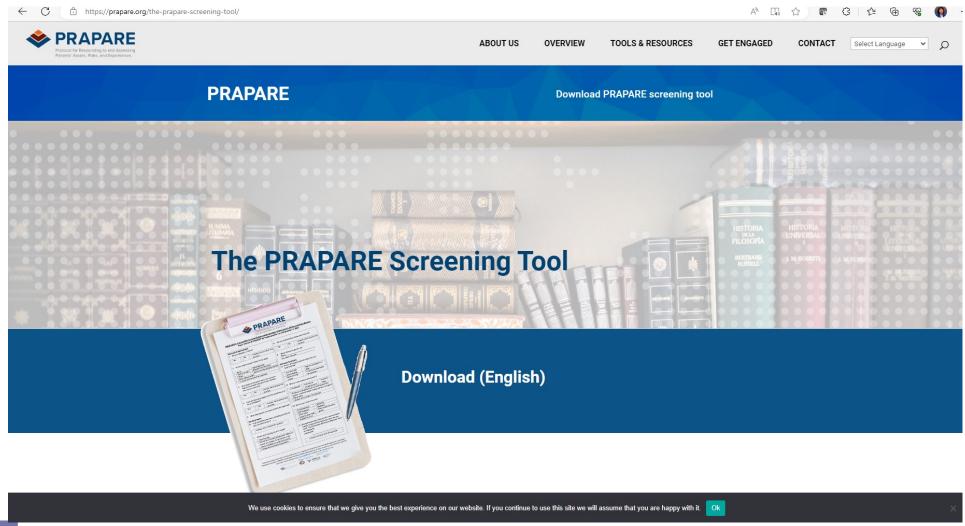
- Food access
- Resources (e.g., utilities, housing, etc.)
- Neighborhood or location characteristics (e.g., geography, transportation)
- Personal safety (e.g., any abuse)
- Social Support



https://prapare.org/the-prapare-screening-tool/

PRAPARE Website

15 Items





PRAPARE Items

| _ | Personal Characteristics . Are you Hispanic or Latino? | | | | 8. | Are you w | orrie | dabout | losing your h | ousing? |
|----|---|------------|---------|---|----|------------------------|---------|----------|--------------------------------|----------------------------------|
| × | Yes | No | | I choose not to answer this question | | Yes | N | 0 | I choose no question | ot to answer thi |
| 2. | Which ra | ce(s) are | you? | Check all that apply | 9. | What add | dress o | do you l | ive at? | |
| | Asian | | Nat | ive Hawaiian | 1 | City, State | , Zip o | ode: | | |
| | Pacific Isl | ander | Bla | ck/African American | | 8 | | | | |
| | White | | Am | erican Indian/Alaskan Native | М | oney & Re | sourc | es | | |
| | Other (pl | ease write | _ | , | | | | | el of school ti | nat you |
| | | | | his question | | have finis | | | | , |
| 3. | | arm work | beer | 2 years, has season or your or your family's | F | Less than school de | gree | | GED | ol diploma or |
| | main sou | ree or me | onic. | | Ш | school | B | | this questi | |
| | Yes | No | | I choose not to answer this question | 11 | . What is yo | our cu | rrent w | ork situation | ? |
| 1. | Have you | | _ | ed from the armed forces of | | Unemploy | *** | temp | time or orary work | Full-time work |
| | Yes | No | | I choose not to answer this question | | | etired | | but not seek ed, unpaid pri | ing work (ex: mary care giver |
| | eto i | 9 80 | . 0 | 2000 | ΙC | I choose n | ot to a | answer | this question | |
| | What lan | | e you | most comfortable speaking? | 12 | 2. What is yo | our ma | ain insu | rance? | |
| j. | How mar | y family | memb | ers, including yourself, do | Ιг | None/uni | nsure | d | Medicaid | |
| | you curre | ently live | with? | | ╟ | CHIP Med | | | Medicare | |
| | | | | | ╟ | Other pub | lic | | Other Pub | olic Insurance |
| | I choos | e not to a | nswe | r this question | Ш | insurance | (not 0 | CHIP) | (CHIP) | |
| | | NA LIGOR | | | | Private In: | surano | e | | |
| 7. | What is y | our hous | ing sit | uation today? | 12 | During the | a nact | waar w | that was the t | otal combined |
| | I have h | ousing | | | 13 | - | | | family mem | |
| | | - | sing (| staying with others, in | | | | | | determine if you |
| | | | | ing outside on the | | are eligibl | | | p us | |
| | | | | | | any benef | | | | |
| | street, on a beach, in a car, or in a park) I choose not to answer this question | | | | | | | | | |

14. In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? Check all that apply.

| Yes | No | Food | Yes | No | Clothing | |
|-----|-------|---------------------------------------|--------------------------------|----|-----------------------|--|
| Yes | No | Utilities | Yes | No | Child Care | |
| Yes | No | Medicine or Any Health Care (Medical, | | | | |
| | | Dental, Menta | Dental, Mental Health, Vision) | | | |
| Yes | No | Phone | Yes | No | Other (please write): | |
| 8 2 | I cho | choose not to answer this question | | | | |

 Has lack of transportation kept you from medical appointments, meetings, work, or from getting things needed for daily living? Check all that apply.

| | Yes, it has kept me from medical appointments or |
|---|---|
| | Yes, it has kept me from non-medical meetings, appointments, work, or from getting things that I need |
| | No |
| • | I choose not to answer this question |

Social and Emotional Health

16. How often do you see or talk to people that you care about and feel close to? (For example: talking to friends on the phone, visiting friends or family, going to church or club meetings)

| Γ | Less than once a week | 1 or 2 times a week |
|---|--------------------------|------------------------|
| Γ | 3 to 5 times a week | 6 or more times a week |
| Г | I choose not to answer t | this question |

17. Stress is when someone feels tense, nervous, anxious, or can't sleep at night because their mind is troubled. How stressed are you?

| . П | Not at all | A little bit |
|-----|------------|---|
| Ш | Somewhat | Quite a bit |
| | Very much | I choose not to answer this question |

Optional Additional Questions

18. In the past year, have you spent more than 2 nights in a row in a jail, prison, detention center, or juvenile correctional facility?

| Ι. | 100 | | 2532 |
|----|-----|----|------------------------|
| Ш | Yes | No | I choose not to answer |
| Ш | | | this |

19. Are you a refugee?

| ı | - | | manufact that the contract |
|---|-----|----|-----------------------------|
| | Yes | No | I choose not to answer this |

20. Do you feel physically and emotionally safe where you currently live?

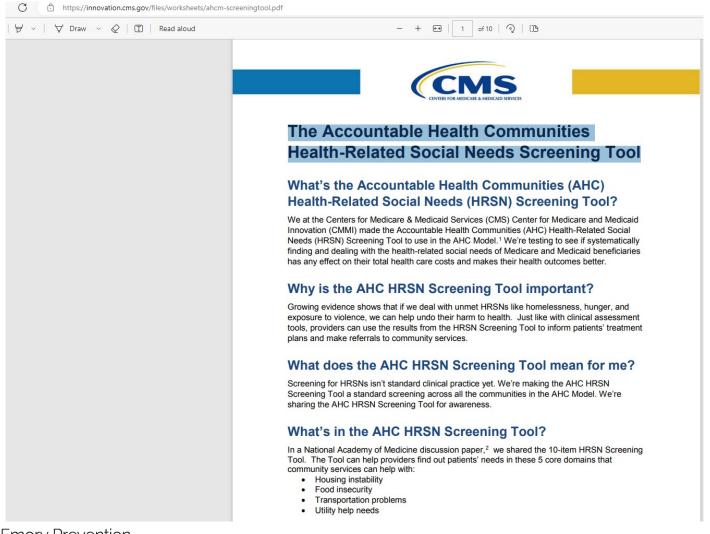
| | Yes | No | Unsure |
|--|----------|-------------|-------------------|
| | I choose | not to answ | ver this question |

21. In the past year, have you been afraid of your partner or ex-partner?

| | Yes | No | | Unsure |
|---|------------|-------------|-----------|-----------|
| | I have not | had a partr | er in the | past year |
| | I choose n | ot to answe | r this qu | estion |
| _ | | | | |



The Accountable Health Communities Health-Related Social Needs Screening Tool



The AHC Health-Related Social Needs
Screening Tool (cms.gov)

10-items

The Accountable Health Communities Health-Related Social Needs Screening Tool

Core Items

- Housing
- Food insecurity
- Transportation problems
- Utility needs
- Interpersonal safety

Supplemental Topics

- Financial strain
- Employment
- Family and community support
- Education
- Physical activity
- Substance abuse
- Mental Health
- Disabilities





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) | 4. v n C Tra 5. Ir |
|--|--------------------------------|
| 2. Think about the place you live. Do you have problems with any of the following? 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 | Util 6. Ir |
| 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. 3. Within the past 12 months, you worried that your food would run out before you got money to buy more. Often true Sometimes true Never true | Saf Beca askir 7. H |
| | |

³ National Association of Community Health Centers and partners, National Association of Community Health Centers, Association of Asian Pacific Community Health Organizations, Association OPC, Institute for Alternative Futures. (2017). PRAPARE.



| | Within the past 12 months, the food you bought just didn't last and you didn't have money to get more. ☐ Often true ☐ Sometimes true ☐ Never true |
|----|---|
| ra | ansportation |
| | In the past 12 months, has lack of reliable transportation kept you from medical appointments, meetings, work or from getting things needed for daily living? ⁶ ☐ Yes ☐ No |
| ti | ilities |
| | In the past 12 months has the electric, gas, oil, or water company threatened to shoff services in your home? ⁷ \[\frac{Yes}{No} \] \[\triangle \frac{Already shut off}{\triangle} \] |
| a | fety |
| | cause violence and abuse happens to a lot of people and affects their health we are ing the following questions. 8 |
| | How often does anyone, including family and friends, physically hurt you? ☐ Never (1) ☐ Rarely (2) ☐ Sometimes (3) ☐ Fairly often (4) ☐ Frequently (5) |



| 8. | How often does anyone, including family and friends, insult or talk down to you? |
|----|---|
| | □ Never (<u>1</u>) |
| | □ Rarely (<u>2</u>) |
| | \square Sometimes (3) |
| | ☐ Fairly often (4) |
| | ☐ Frequently (<u>5</u>) |
| 9. | How often does anyone, including family and friends, threaten you with harm? |
| | □ Never (<u>1</u>) |
| | □ Rarely (<u>2</u>) |
| | ☐ Sometimes (3) |
| | \square Fairly often (4) |
| | \Box Frequently $(\underline{5})$ |
| 10 | . How often does anyone, including family and friends, scream or curse at you? |
| | □ Never (<u>1</u>) |
| | □ Rarely (2) |
| | □ Sometimes (3) |
| | ☐ Fairly often (4) |
| | \Box Frequently $(\underline{5})$ |
| As | score of 11 or more when the numerical values for answers to questions 7-10 are added |

shows that the person might not be safe.

North Carolina DHHS SDH Screening Tool







https://www.ncdhhs.gov/about/department-initiatives/healthy-opportunities/screening-ques...







Assistance ▼

Divisions ▼

Provider

About > Department Initiatives > Healthy Opportunities > Screening Questions

Screening Questions

Many leading medical practices and providers in North Carolina are interested in more systematically addressing social determinants of health (SDOH). While most practices are not currently conducting routine screening on unmet health-related resource needs, many are beginning to do so and have voiced interest in a standardized approach. DHHS, in partnership with a diverse set of stakeholders from across the state, developed a standardized set of SDOH screening questions.

Resources

SDOH Screening Questions: English, Spanish, Arabic, Chinese (simplified), French, German,

Swahili, Vietnamese

SDOH Screening Questions Policy Paper (April 2018)

Field Test Report: Standardized Screening for Health-Related Resource Needs in North Carolina

Screening Questions | NCDHHS

12-items

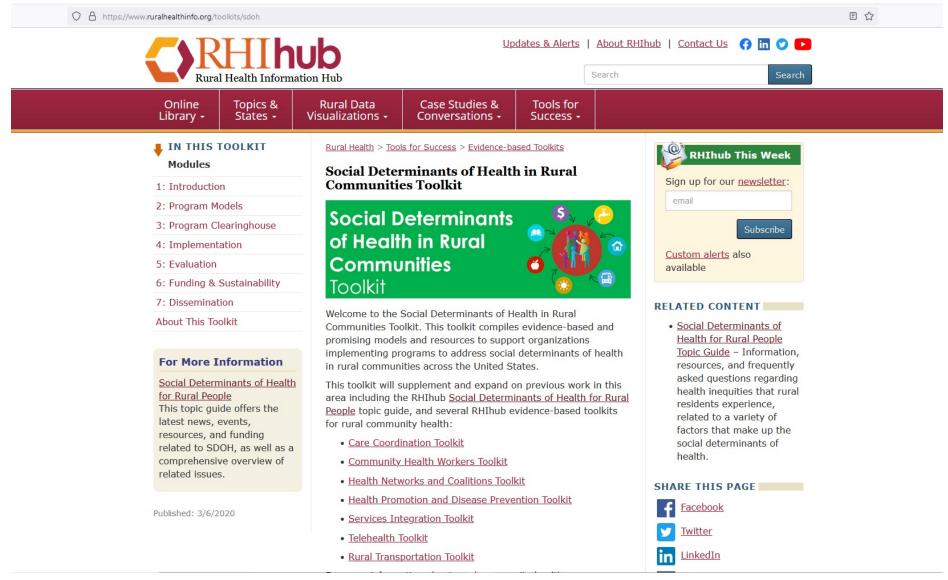
Available in several languages in Word file



DHHS SDH Screening Tool

| | Yes | No | |
|---|-----|----|--|
| Food | | | |
| Within the past 12 months, did you worry that your food would run o before you got money to buy more? | out | | |
| Within the past 12 months, did the food you bought just not last and you didn't have money to get more? | | | |
| Housing/ Utilities | | | |
| 3. Within the past 12 months, have you ever stayed: outside, in a car, in tent, in an overnight shelter, or temporarily in someone else's home (i.e. couch-surfing)? | а | | |
| 4. Are you worried about losing your housing? | | | |
| 5. Within the past 12 months, have you been unable to get utilities (hea electricity) when it was really needed? | t, | | |
| Transportation | | | |
| 6. Within the past 12 months, has a lack of transportation kept you from medical appointments or from doing things needed for daily living? | n | | |
| Interpersonal Safety | | | |
| 7. Do you feel physically or emotionally unsafe where you currently live? | ? | | |
| 8. Within the past 12 months, have you been hit, slapped, kicked or otherwise physically hurt by anyone? | | | |
| 9. Within the past 12 months, have you been humiliated or emotionally abused by anyone? | | | |
| Optional: Immediate Need | | | |
| 10. Are any of your needs urgent? For example, you don't have food for tonight, you don't have a place to sleep tonight, you are afraid you wi get hurt if you go home today. | ill | | |
| 11. Would you like help with any of the needs that you have identified? | | | |

Social Determinants of Health Toolkit (Rural Communities)





- Social determinants are the conditions in which people in our community live, work, interact and play
- There are a variety of tools that can ask about SDHs
- Various strategies can help address social determinants of health and address them in our communities



Social Determinants of Health



Social Determinants of Health Part 2!

Friday, Sept 15th

- Mark your calendars!
- 10:00-11:30

Training Focus

- Example of data
- Materials

You'll be the first to be notified about registration!





Training Evaluation

https://bit.ly/458Fi6z





Stay connected with the

EPRC

Thanks!

Emory Prevention Research Center https://web1.sph.emory.edu/eprc/index. html

@emory_prc

Thank you for attending the EPRC's training webinar on the Social Determinants of Health! Please help us improve future trainings by completing this training evaluation.

Please use the following scale to describe the extent to which you disagree or agree with each of the following statements about the training presenter(s).

1= strongly disagree 2= disagree 3= neutral 4= agree 5= strongly agree

The presenters were responsive to the needs of the audience.

1 2 3 4 5



Stay Connected with the EPRC

Training Section on EPRC Website

EMORY UNIVERSITY

ROLLINS SCHOOL OF PUBLIC HEALTH

Emory Prevention Research Center

About EPRC Research Evaluation Training Community Dissemination

Program Planning Training
Grant Writing
What to Say & How
Is Your Grant a Winner?
Get Ready, Get Set,
PREPARE
Community Assessment

Health Literacy

Training



One of the EPRC's goals is to strengthen the capacity of both the public health workforce and our community partners to use evidence-based approaches to designing, implementing and evaluating health promotion programs. We offer several trainings on basic health promotion topics such as community assessment, program evaluation, grant-writing, and health literacy. We also offer training on how to select and adopt evidence-based approaches to local organizational and community contexts. Many of our training materials are available free-of-charge on our website.

Emory Prevention Research Center

https://web1.sph.emory.edu/eprc/index.ht ml

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