

It Takes a Village: Assessing & Responding to Social Determinants of Health in Primary Care



South Dakota Chronic Disease Partners – October 12, 2021

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Agenda

- Introduction to community health centers & CHAD
- Introduction to social determinants of health and PRAPARE screening tool
- Integrating case management & social work into primary care
- Addressing food insecurity within primary care
- Discussion

MONTANA

WYOMING

MINNESOTA

NEBRASKA

KEY

LOCATIONS

- CLINIC
- CHAD OFFICE

CLINIC SERVICES

- Medical & Behavioral
- Dental Clinic
- School-based
- Other Services/
Programs

SOUTH DAKOTA ORGANIZATIONS

- Community Health Center of the Black Hills
- Falls Community Health
- Horizon Health Care
- Rural Health Care
- South Dakota Urban Indian Health



What are social determinants of health?

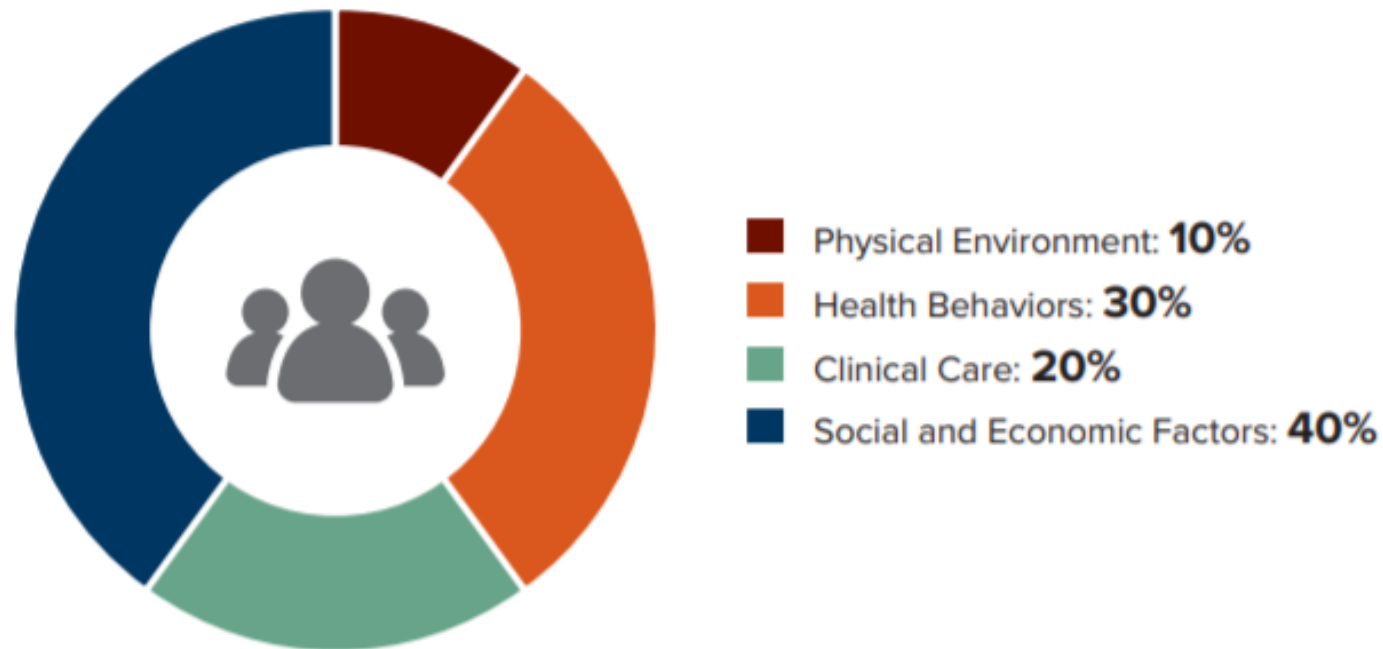


<https://enterprises.upmc.com/blog/social-determinants-of-health/>



Why are social determinants of health important?

FIGURE 1.1. Social, Economic, and Environmental Factors Play a Large Role in Impacting Health Outcomes



CHAPTER 1: Understand the PRAPARE Project

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Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE)

A national **standardized** patient risk assessment **protocol built into the EHR** designed to **engage patients** in assessing and addressing social determinants of health.



www.nachc.org/prapare



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What does PRAPARE screen?

Core	
UDS SDOH Domains	Non-UDS SDOH Domains (MU-3)
1. Race	10. Education
2. Ethnicity	11. Employment
3. Veteran Status	12. Material Security*
4. Farmworker Status	13. Social Isolation
5. English Proficiency	14. Stress
6. Income	15. Transportation
7. Insurance	16. Housing Stability
8. Neighborhood	
9. Housing Status	

Optional	
1. Incarceration History	3. Domestic Violence
2. Safety	4. Refugee Status

Optional Granular	
1. Employment: How many hours worked per week	3. Insurance: Do you get insurance through your job?
2. Employment: # of jobs worked	4. Social Support: Who is your support network?

**Food, Utilities, Clothing, Childcare, Medicine or any Health Care, Phone, Other*



Resources to support implementation

- [PRAPARE Implementation and Action Toolkit](#)
- [PRAPARE site – NACHC](#)
- [PRAPARE YouTube Page](#)
- PRAPARE Readiness Assessment
- [OPCA Empathic Inquiry Video](#)
- OPCA PRAPARE Workflow Tools
- PRAPARE Tiger Team – EHR Support



In Action: Health Center Example

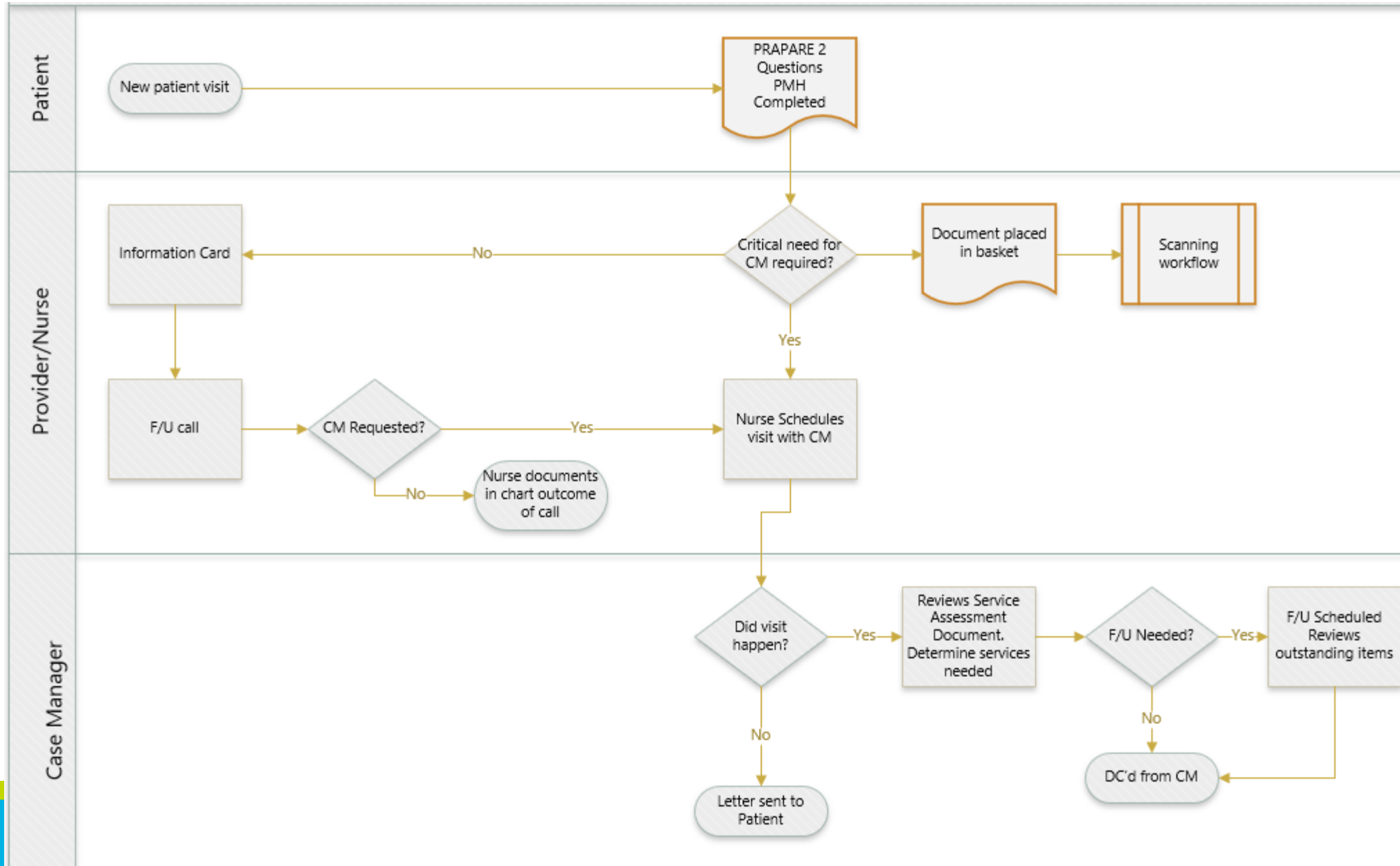


Integrating Case Management and Social Work into Primary Care

- How can we improve social determinants and clinic outcomes?
 - Identify “at risk” patients
 - Provide a needs assessment
 - Connect patients to community resources
 - Eliminate barriers for patients to access resources
 - Provide immediate assistance when available (vouchers, gift cards)
 - Partner with other community organizations using referral systems



CHC of the Black Hills: PRAPARE Workflow



Case Manager Receives Referral... Now What?

- In depth needs assessment
- Connecting patient to resources
 - Service Assessment Talking Points



Community Health Center of the Black Hills Needs Assessment

Patient Name:		Case Manager:		Date Completed:	
Patient Number:		Phone Number:		Message Ok?	Yes No
Email Address:		Address (if different than file):			

Housing						
3	Stable housing	Safe and secure	Enough room for household size	Pay <input type="checkbox"/> mortgage/ <input type="checkbox"/> rent on time	Pays Utilities/ <input type="checkbox"/> on LEAP	Repairs taken care of as needed/ <input type="checkbox"/> on Weatherization
2	Temporary housing	Relatively safe	Household members share rooms	Need help to pay <input type="checkbox"/> rent/ <input type="checkbox"/> mortgage	Need help to pay utilities	Repairs needed, but not a priority
1	<input type="checkbox"/> Homeless <input type="checkbox"/> risk of losing housing	Dangerous housing	Not enough room for household size	<input type="checkbox"/> Facing eviction or foreclosure	Received shut off notice	<input type="checkbox"/> Unable to make repairs/ <input type="checkbox"/> Landlord not making repairs

Comments:

Food/Clothing				
3	<input type="checkbox"/> Purchase own food/On <input type="checkbox"/> SNAP <input type="checkbox"/> WIC	Eats at least 3 meals/day	Eats from healthy food groups	No clothing needs
2	Need help to access food	Eats two or less meals/day	Sometimes eat from healthy food groups	Needs seasonal clothing
1	No food in household	Skips daily meals	Never eat from healthy food groups	Needs clothing

Comments:

Transportation				
3	Have reliable vehicle	Have <input type="checkbox"/> Driver's License/ <input type="checkbox"/> ID/ <input type="checkbox"/> Birth Certificate/ <input type="checkbox"/> Car Insu	Reliable transportation to appointments	Vehicle <input type="checkbox"/> repairs/ <input type="checkbox"/> maintenance done <input type="checkbox"/> Vehicle payments made on time or <input type="checkbox"/> vehicle paid for
2	Have unreliable vehicle	<input type="checkbox"/> Revoked/ <input type="checkbox"/> suspended driver's license	Un-reliable transportation to appointments	Has resources to pay for <input type="checkbox"/> maintenance/ <input type="checkbox"/> repairs Payments are behind
1	Have no vehicle	No <input type="checkbox"/> Driver's License/ <input type="checkbox"/> ID/ <input type="checkbox"/> Birth Certificate/ <input type="checkbox"/> Car Insu	Needs transportation to appointments	Unable to pay for <input type="checkbox"/> repairs or <input type="checkbox"/> maintenance Vehicle was <input type="checkbox"/> repossessed/ <input type="checkbox"/> on the verge of being repossessed/ <input type="checkbox"/> no vehicle

Comments:

Employment				
3	<input type="checkbox"/> Employed/ <input type="checkbox"/> choose not to work/ <input type="checkbox"/> disabled/ <input type="checkbox"/> Veteran	Have skills/training	Has resume established	Has dependable <u>child care</u>
2	<input type="checkbox"/> Temporary or <input type="checkbox"/> inadequate employment	Upgrading skills/training	Access to create/update resume	Un-reliable <u>child care</u>
1	Unemployed	Need skills/training	No resume	Needs information on <u>child care</u>

Comments:



Financial						
3	Reliable income	Pays <input type="checkbox"/> all or <input type="checkbox"/> most bills on time	Good credit	Follow a budget	Established bank accounts	Retirement plan set up
2	Adequate income	Struggle to pay bills	Establishing credit	<input type="checkbox"/> Need help with budgeting skills <input type="checkbox"/> limited budgeting skills	Difficulty adding to bank accounts	Wants information on retirement
1	Little to No Income	Unable to pay bills	No credit/poor credit	No budgeting skills	No bank accounts	No resources to establish retirement
Comments:						
Education						
3	<input type="checkbox"/> Attending college <input type="checkbox"/> college degree <input type="checkbox"/> training certificate	<input type="checkbox"/> Knowledgeable with computer/internet <input type="checkbox"/> access to computer/internet	Utilize public library regularly	Possesses ability to read	<input type="checkbox"/> Speak <input type="checkbox"/> read and <input type="checkbox"/> write in English	
2	Have <input type="checkbox"/> High School Diploma <input type="checkbox"/> GED	Some computer/internet skills	Utilize public library occasionally	Has trouble reading	Learning to speak, read and write in English	
1	No High School Diploma/GED	No computer/internet skills	Does not utilize public library	Unable to read	Unable to speak, read or write English	
Comments:						
Wellness/Relationships						
3	Good support system	Have stable relationships	Able to cope with stress	Able to function most day	No mental health concerns with <input type="checkbox"/> self <input type="checkbox"/> family	No legal concerns
2	Limited support system	Somewhat stable relationships	Sometimes able to cope with stress	Sometimes able to function	Managed Mental health concerns with <input type="checkbox"/> self <input type="checkbox"/> family	Minor legal concerns
1	No support system	Unstable relationships	Unable to cope with stress	Difficulty functioning most days	Unmanaged mental health concerns with <input type="checkbox"/> self <input type="checkbox"/> family	Major legal concerns
Comments:						
Health Care						
3	Have <input type="checkbox"/> private health/ <input type="checkbox"/> dental <input type="checkbox"/> vision <input type="checkbox"/> Rx insurance <input type="checkbox"/> VA	<input type="checkbox"/> No Health concerns/ <input type="checkbox"/> exams <input type="checkbox"/> immunizations current	No one in the household smokes	No alcohol abuse	No drug use	Exercise regularly
2	<input type="checkbox"/> Medicaid or <input type="checkbox"/> Medicare	<input type="checkbox"/> Health concerns managed/ <input type="checkbox"/> exams <input type="checkbox"/> immunizations overdue	Smokes/wants assistance to quit	<input type="checkbox"/> Receiving intervention services wants assistance <input type="checkbox"/>	<input type="checkbox"/> Receiving treatment <input type="checkbox"/> wants assistance <input type="checkbox"/> self-medicating	Exercise occasionally
1	No <input type="checkbox"/> health <input type="checkbox"/> dental <input type="checkbox"/> vision <input type="checkbox"/> Rx insurance	Unmanaged health concerns	Smokes/no interest in quitting	Needs assistance with addiction	Needs assistance with addiction	Do not exercise
Comments:						



Service Assessment Talking Points (Examples)

Housing:

- LEAP (Energy Assistance) automatically eligible if on SNAP – still need to apply
- Weatherization
- Home Repair Programs
- Housing Assistance
- Housing Counseling (CCC)
- The Governors House/Habitat for Humanity
- Furniture
- Safe Housing (poisons, violence, lead)
- Tenant's Rights & Responsibilities
- Coordinated Entry System (CES)
- ESG programs

Food/Clothing

- SNAP
- WIC
- Free/Reduced lunch (parent ask school for application) automatically eligible if on SNAP- still need to apply
- Food Pantries/FeedingSD
- Diapers
- Mommy's Closet (diapers/clothing/care seats) VOA
- Clothing Vouchers
- Meal Planning/Nutrition
- Eat together as a family

Addressing Food Insecurity within Primary Care

- How can we improve eating behaviors and clinic outcomes?
- Pilot Study with Diabetes Patients
- Onsite Pantry
- Community Garden
- Mobile Food Pantry Regularly On Site
- Farmer's Market Produce Prescriptions



Pilot Study with Diabetes Patients

- Partnered with BHACF, Feeding SD Food Bank
- 12 patients
- Seen monthly for 6 months for Diabetes Education and Given:
 - Food Stuffs – ordered through the food bank; attempted to optimize healthy choices
 - 2, \$10 produce vouchers at local grocery store
- Results
 - Slight decrease in A1C – down $\sim .5$
 - Slight increase in wt, up ~ 5 #s



Onsite Food Pantry & Produce Vouchers



- Again partnering with BHACF and Feeding SD Food Bank
- Meant to be an emergency supply for patients, 1x, not ongoing as with pilot
- Patients encouraged to make use of other community organizations
- Food Pantry was **very successful**
- Produce Vouchers, not so much – most not redeemed

Community Garden

- Partnering with SDSU Extension and other groups
- Grow fruit and vegetables for patients
- Planted several apple trees – maturing
- 12 box garden
- Attempted partnerships with Mission, Wellfully, Fork Real
- Now provide to staff, patients and occasionally Fork Real
 - Best method for getting to patients has been leaving vegetables in entrance





Mobile Food Distribution-September 2021

Mobile Food Pantry On Site

Wednesday September 1st

10:00-11:00 St. Andrews--910 Sioux San Dr., RC SD

3:00-4:00 Open Heart--202 E. Indiana St., RC SD

Thursday September 2nd

5:00-6:00 PM Open Bible Church – 2225 E. St. Patrick St., RC SD

Wednesday September 8th

10:00-11:00 He Sapa-- 415 Mac Arthur St., RC SD

3:00-4:00 Lakota Homes—719 Wambli Dr. (by the office), RC SD

Friday September 10th

10:00-11:00 Bible Fellowship Church--1212 Fairmont, RC SD

3:00-4:00 Rural America Initiatives--2112 South Valley Dr., RC SD

Saturday September 11th

10:00-11:00 Church of Jesus Christ Latter-day Saints-- 2822 Canyon Lake Dr., RC SD

2:30-3:30 Community Health of the Black Hills--350 Pine St., RC SD

Thursday September 16th

4:30-5:30 Douglas School District- Francis Case Elementary, 441 Don Williams Dr. Box Elder SD

Saturday September 18th

10:00-11:00 Real Life Church, 4024 Sheridan Lake Rd

2:30-3:30 Journey Museum- 222 New York St., RC SD

Wednesday September 22nd

10:00-11:00 Star Village—27 Signal Dr. (behind the office), RC SD

3:00-4:00 Rapid Valley United Methodist Church – 5103 Longview Dr., RC SD

Friday September 24th

10:00-11:00 Mother Butler-231 Knollwood Dr., RC SD

5:00-6:00 Career Learning Center-730 E. Watertown St., RC SD

- Food Bank has gone to mobile distributions throughout community
- On Site at CHCBH 1x/month, but several throughout Rapid City
 - Distribution Sites Listed to the left



Piloting with Farmer's Market



- Community Partners: SDSU Extension, Living Well Black Hills
- Started this June and will run through October
- Farmer's Market open Wednesdays, Saturday
- \$20 voucher given to patients so they can buy fresh produce at farmer's market
- Additional benefit if they have SNAP, \$20 = \$40
- Bus Passes provided to those who lack reliable transportation
- Stats – 25% redeemed

Lessons Learned RE: Addressing Food Insecurity in Primary Care

1. Line Up Your Community Partners
2. Whenever possible bring the food stuffs to the patients
3. Attempt to remove as many barriers as possible, ie transportation, financial

Q & A



Discussion



Closing



- What is ONE next step you will take to address social determinants of health?

Thank You!



Community HealthCare Association of the Dakotas

