

Addressing Social Determinants of Health

Practicalities for Health Care Systems

PopTalk Webinar

May 19, 2021

Jefferson College of Population Health

Addressing Social Determinants of Health: *Practicalities for Health Care Systems*



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Before we discuss *HOW*...

- What are the Social Determinants of Health? (SDOH)
- How do they affect our patients' and population health?
- What are the roles for healthcare providers?

We all agree that they are important to address, but exactly how can this happen in a system that traditionally focuses on care within hospital or clinic walls?

What are the SDOH?

- WHO definition:

“the conditions in which people are born, grow, live, work and age. These circumstances are shaped by the distribution of money, power and resources at global, national and local levels”

Social determinants of health (health-related social needs) encompass a wide range of factors



Housing instability/homelessness: Having difficulty paying rent or affording a stable place of one's own, living in overcrowded or run-down conditions



Utility needs: Not being able to regularly pay utility bills (e.g., electricity, gas, water, phone), and/or afford necessary maintenance or repairs



Food insecurity (hunger and nutrition): Not having reliable access to enough affordable, nutritious food



Interpersonal violence: Being exposed to intentional use of physical force or power, threatened or actual, that results in or has a high likelihood of resulting in injury, death, psychological harm, etc.



Transportation: Not having affordable and reliable ways to get to medical appointments or purchase healthy foods



Family and social supports: The absence of relationships that provide interaction, nurturing, and help in coping with daily life



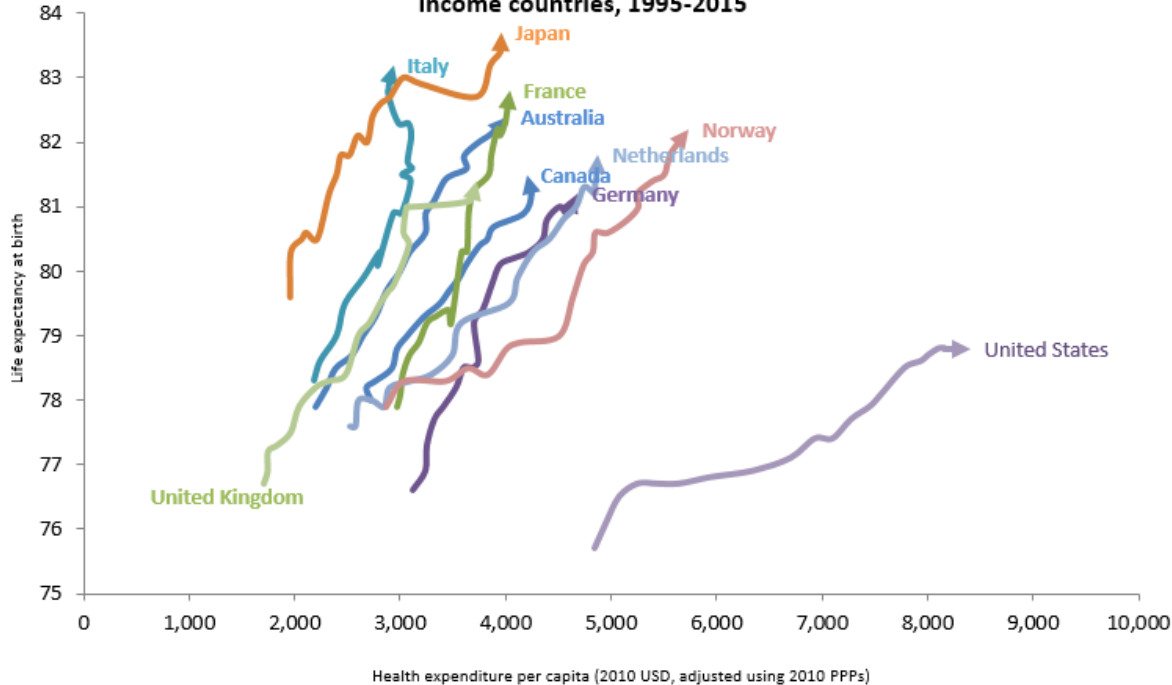
Education: Not having access to high school or other training that might help someone gain consistent employment



Employment and income: Not having the ability to get or keep a job, or gain steady income

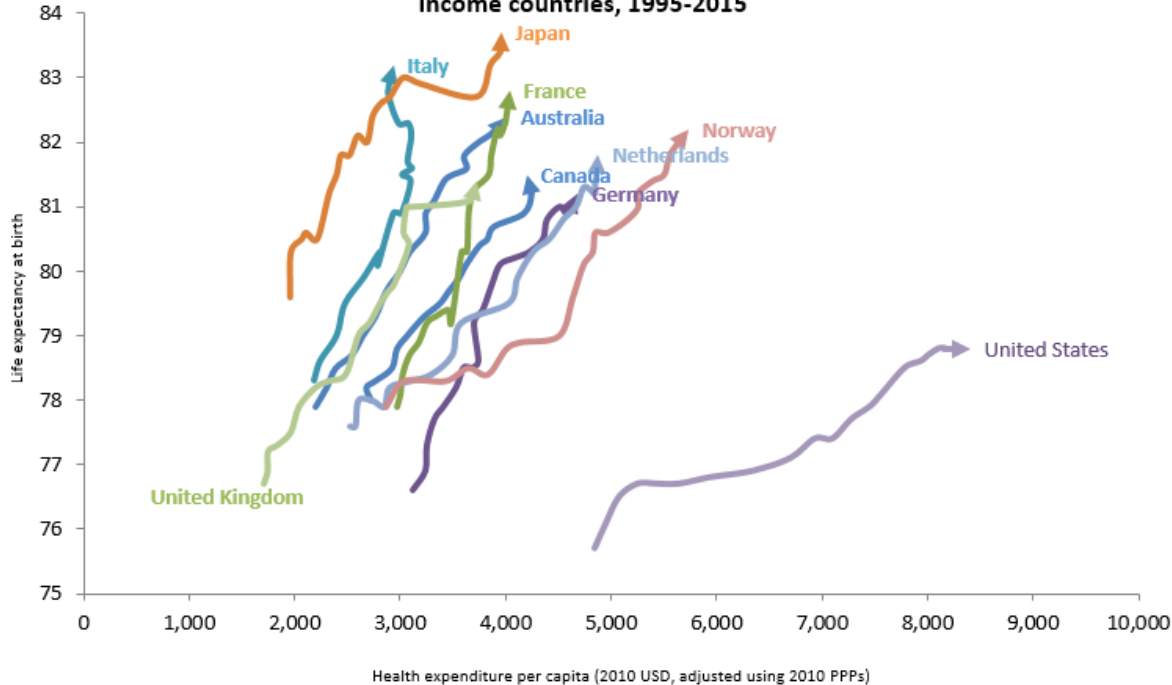
How do SDOH affect our patients and population?

Figure 2.6. Life expectancy gains and increased health spending, selected high-income countries, 1995-2015

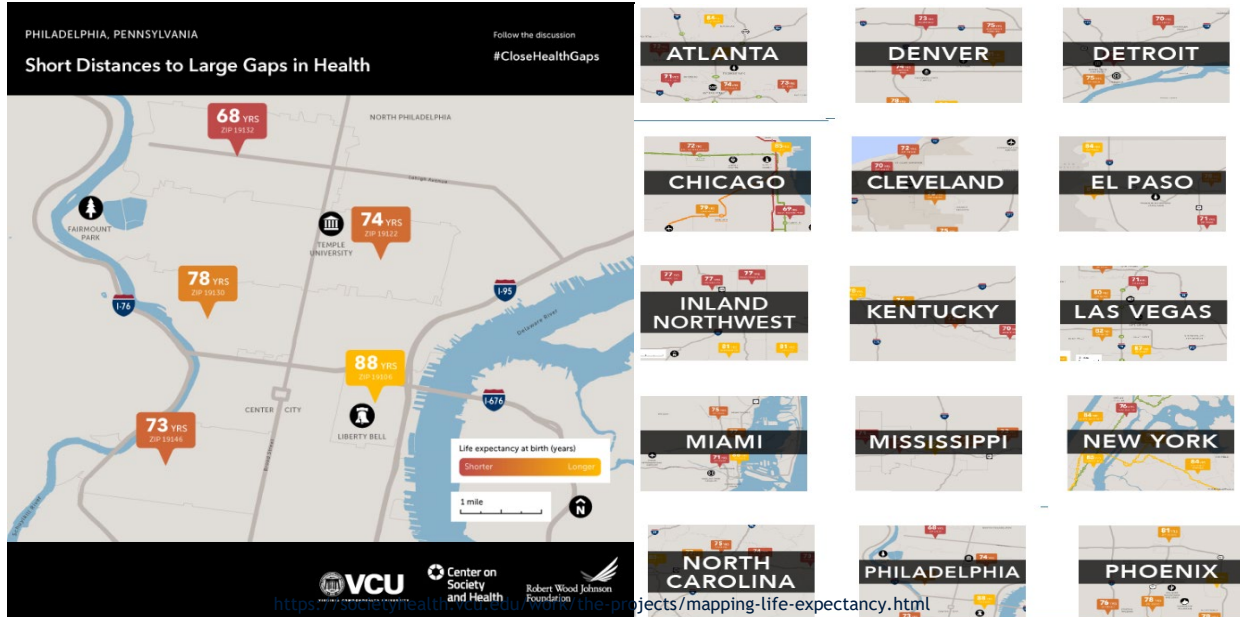


How do SDOH affect our patients and population?

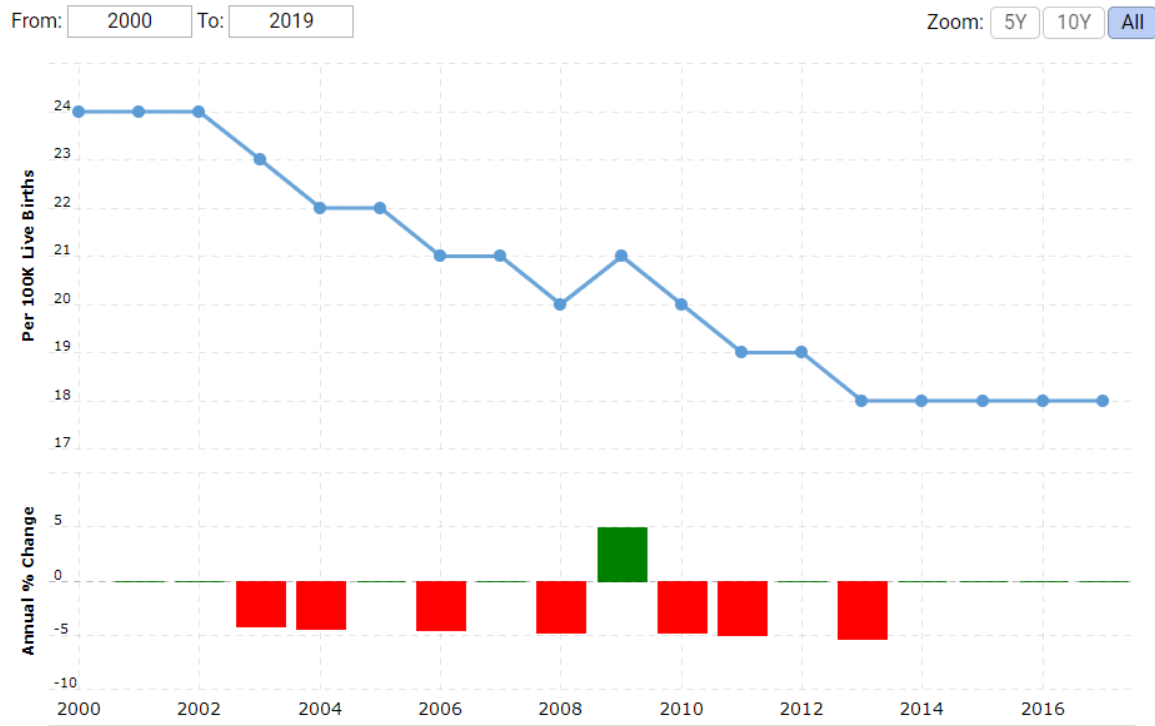
Figure 2.6. Life expectancy gains and increased health spending, selected high-income countries, 1995-2015



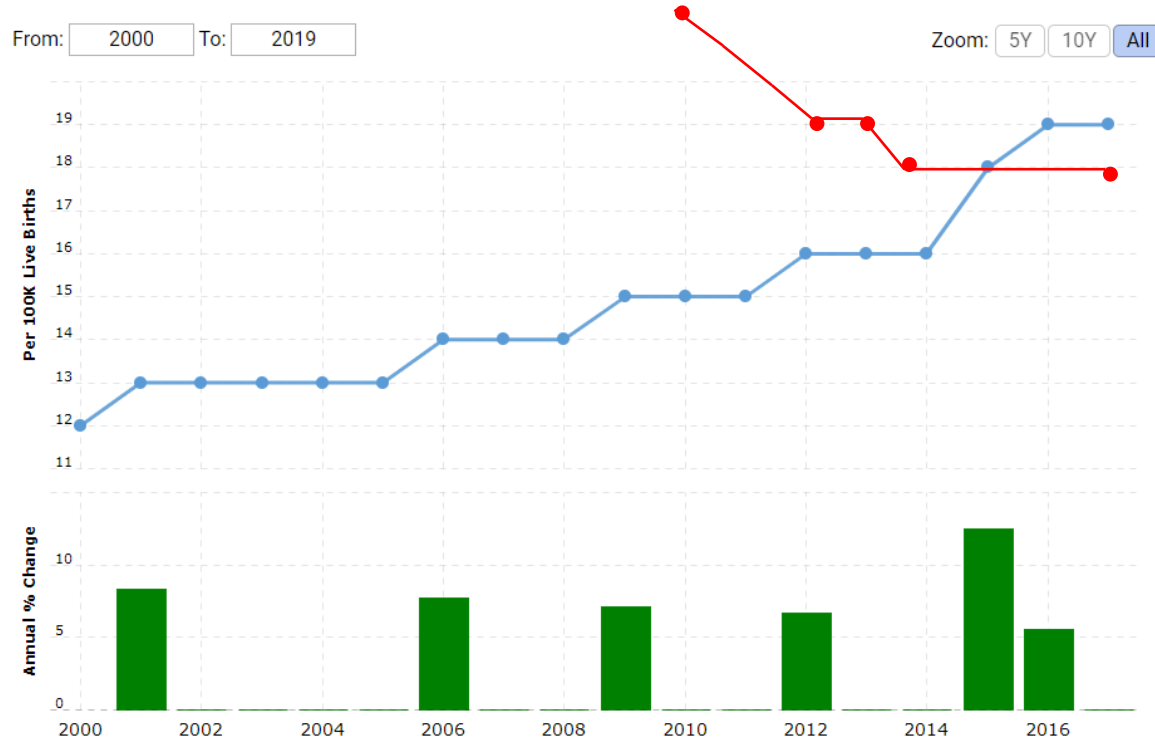
Life Expectancy: Zip Code More Predictive than Genetic Code



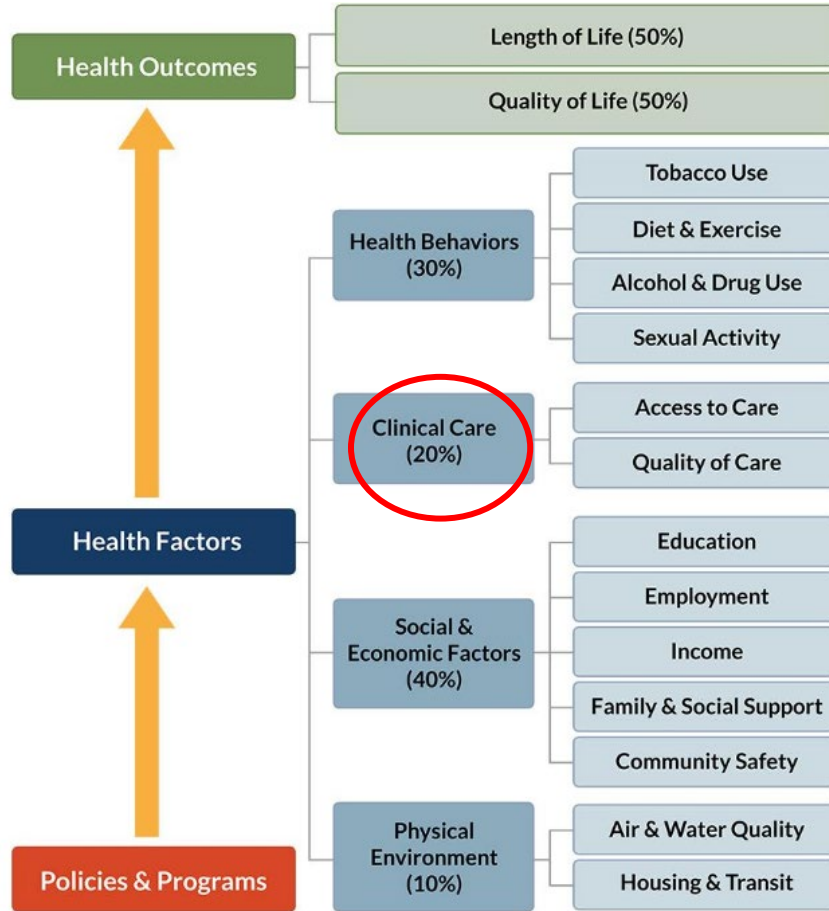
OECD Maternal Mortality (OECD Average Trend)



OECD Maternal Mortality (US Average Trend)



What is the Healthcare System Role?



County Health Rankings model © 2016 UWPHI

What is the Population Health Goal?

upstream

**Population &
Public Health**

midstream

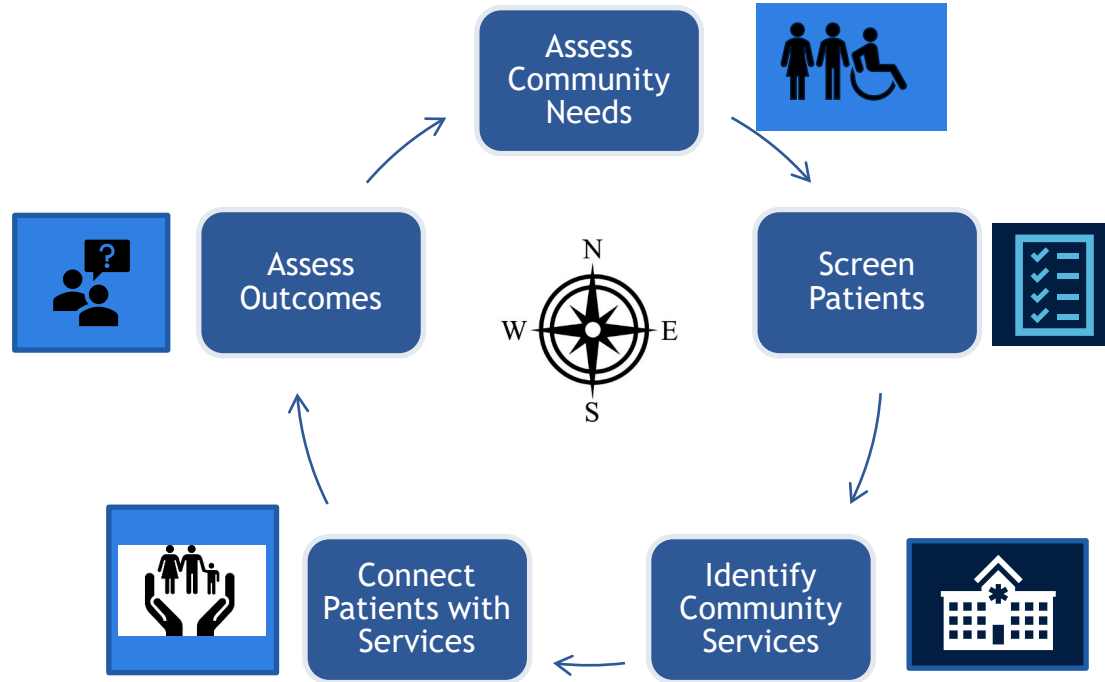
Individual Impact

downstream

Clinical Work

**Our Goal: Move our
Efforts Upstream!**

Process to Address SDOH



PRAPARE®: Protocol for Responding to and Assessing Patient Assets, Risks, and Experiences

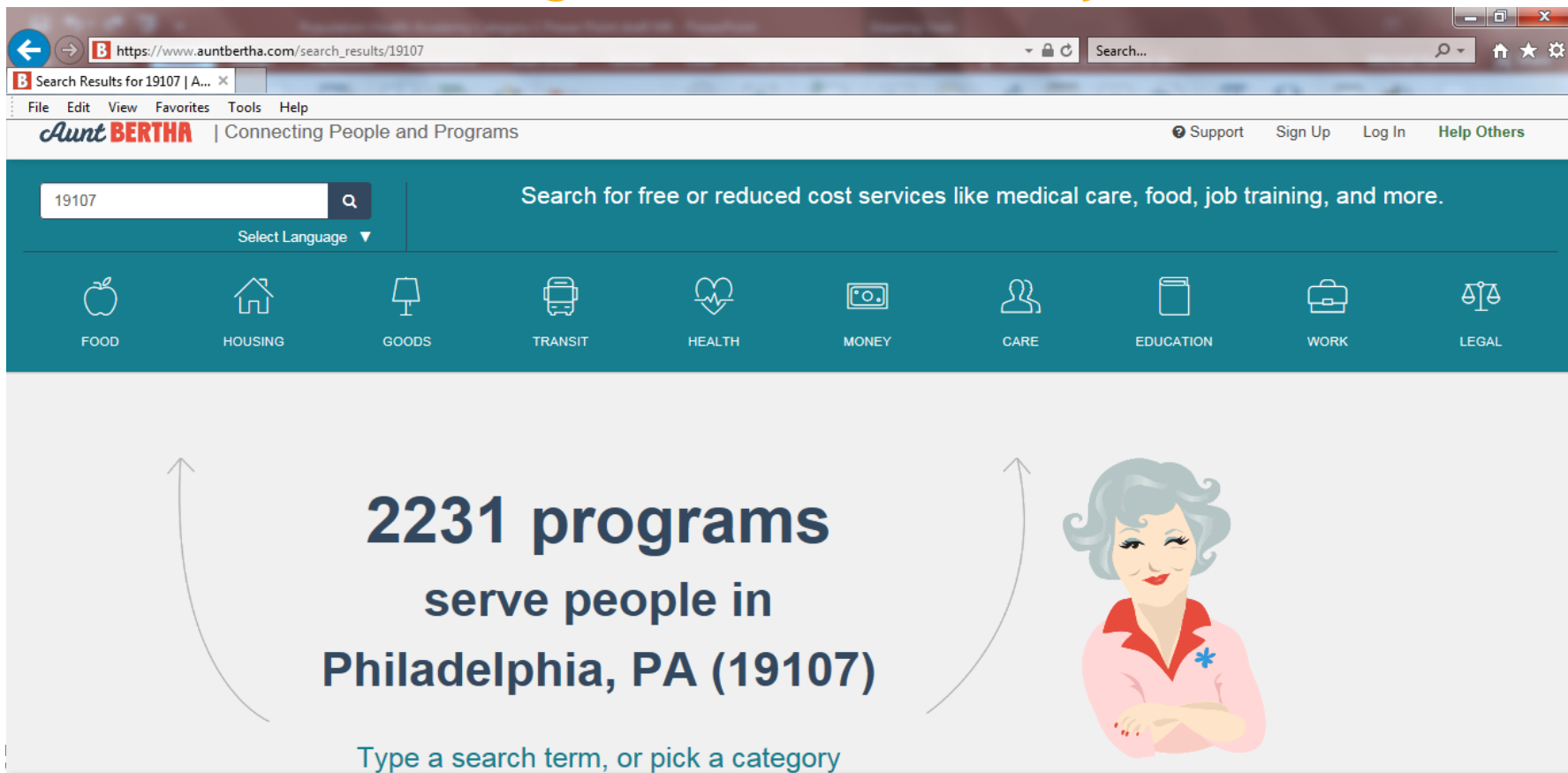
Paper Version of PRAPARE® for Implementation as of September 2, 2016

Personal Characteristics		
1. Are you Hispanic or Latino?		
Yes	No	I choose not to answer this question
2. Which race(s) are you? Check all that apply.		
Asian	Native Hawaiian	
Pacific Islander	Black/African American	
White	American Indian/Alaskan Native	
Other (please write):		
I choose not to answer this question		
3. At any point in the past 2 years, has season or migrant farm work been your or your family's main source of income?		
Yes	No	I choose not to answer this question
4. Have you been discharged from the armed forces of the United States?		
Yes	No	I choose not to answer this question
5. What language are you most comfortable speaking?		
English		
Language other than English (please write)		
I choose not to answer this question		
Family & Home		
6. How many family members, including yourself, do you currently live with? _____		
I choose not to answer this question		
7. What is your housing situation today?		
I have housing		
I do not have housing (staying with others, in a hotel, in a shelter, living outside on the street, on a beach, in a car, or in a park)		
I choose not to answer this question		
8. Are you worried about losing your housing?		
Yes	No	I choose not to answer this question
9. What address do you live at?		
Street: _____		
City, State, Zipcode: _____		
Money & Resources		
10. What is the highest level of school that you have finished?		
Less than high school degree	High school diploma or GED	
More than high school	I choose not to answer this question	
11. What is your current work situation?		
Unemployed	Part-time or temporary work	Full-time work
Otherwise unemployed but not seeking work (ex: student, retired, disabled, unpaid primary care giver)		
Please write:		
I choose not to answer this question		
12. What is your main insurance?		
None/uninsured	Medicaid	
CHIP Medicaid	Medicare	
Other public insurance (not CHIP)	Other Public Insurance (CHIP)	
Private Insurance		

Screening Tools

PRAPARE - Protocol for Responding to and Assessing Patients Assets, Risks, and Experiences

Connecting with Community Services



The screenshot shows a web browser window displaying the Aunt Bertha website. The address bar shows the URL https://www.auntbertha.com/search_results/19107. The page header includes the Aunt Bertha logo and navigation links for Support, Sign Up, Log In, and Help Others. A search bar contains the zip code 19107, and a message states: "Search for free or reduced cost services like medical care, food, job training, and more." Below the search bar is a horizontal menu with icons and labels for various service categories: FOOD, HOUSING, GOODS, TRANSIT, HEALTH, MONEY, CARE, EDUCATION, WORK, and LEGAL. The main content area features the text "2231 programs serve people in Philadelphia, PA (19107)" with two curved arrows pointing upwards. To the right of this text is an illustration of a woman with short grey hair, wearing a pink jacket with a blue flower on the chest. At the bottom of the main content area, there is a prompt: "Type a search term, or pick a category".

19107

Select Language ▼

Search for free or reduced cost services like medical care, food, job training, and more.

FOOD HOUSING GOODS TRANSIT HEALTH MONEY CARE EDUCATION WORK LEGAL

2231 programs
serve people in
Philadelphia, PA (19107)

Type a search term, or pick a category

Doing the work

- System-level perspective (Kate)
- Provider-level perspective (Kofi)
- Community service-level perspective (Melissa)



Thank you for participating!

Thank you for attending

Please complete an evaluation for this program

<https://www.surveymonkey.com/r/PopTalkMay19>

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JCPH Virtual Open House

May 24
5:30-7:30 pm EDT

[Register Here](#)

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