

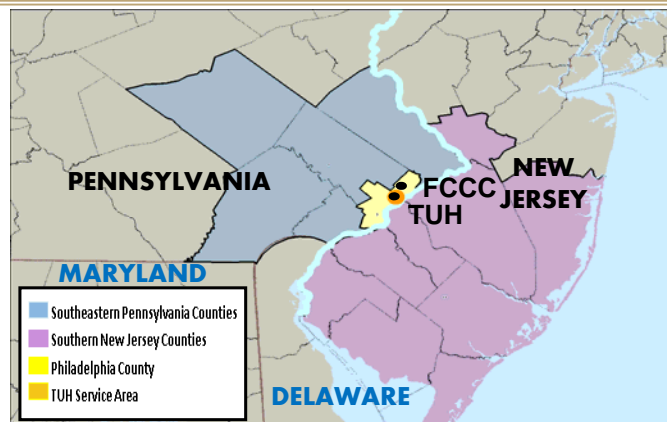
FCCC CCSG Supplement: Population Health Assessment

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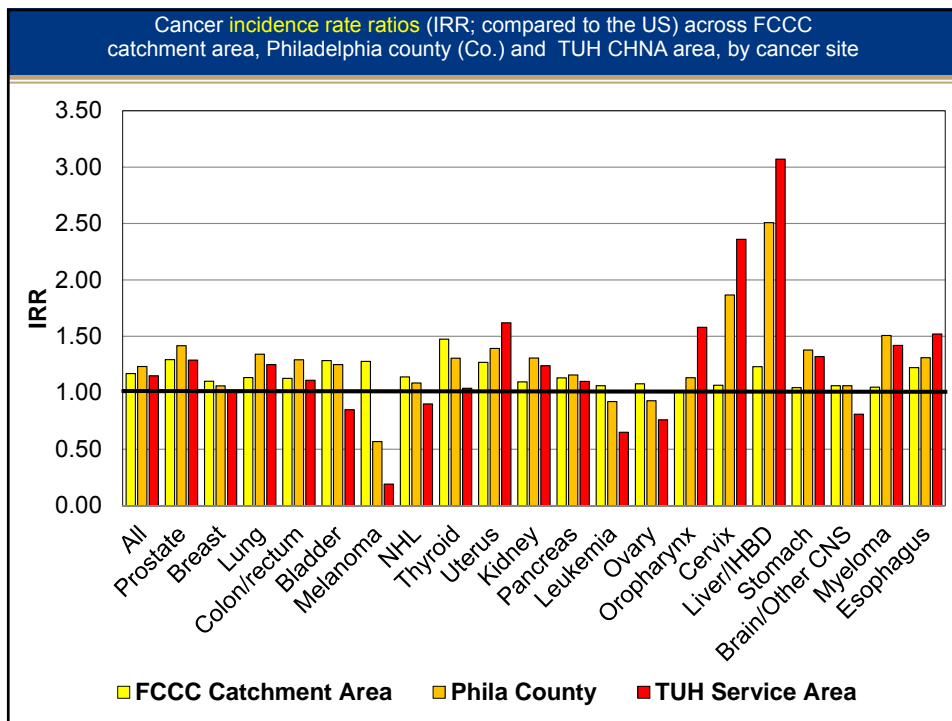


FCCC Catchment Area Sociodemographics



	U.S.	FCCC Catchment Area	TUH Primary Service Area
Population	312,855,438	7,208,325	470,294
Non-White	25.9%	28.8%	74.9%
Hispanic or Latino	17.3%	9.5%	26.5%
Living in Poverty	14.1%	11.7%	35.7%

Source: U.S. Census, American Community Survey, 2008-2012



Population Health Assessment: **Background**

- Capitalizing on existing population health assessment efforts/infrastructure, we propose a local data collection project that will allow for
 - improved characterization of our catchment area
 - new insights into underserved/understudied populations
 - development of a novel, multilevel data resource relevant to national/state/local cancer surveillance efforts

Population Health Assessment: Background

Figure 3. Existing Population Health Assessment Efforts

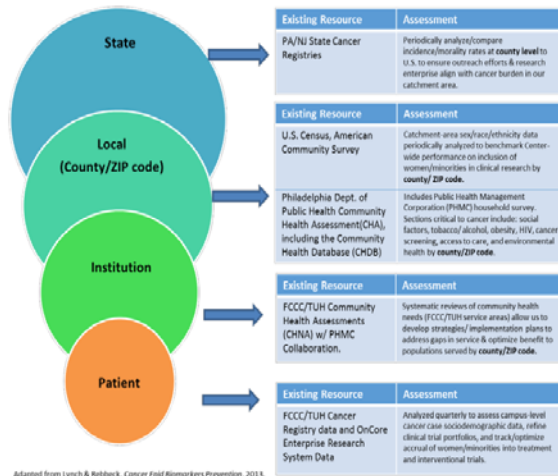
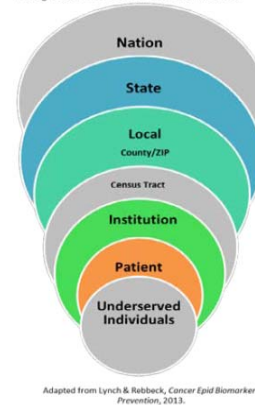


Figure 4. Value added (in gray) includes data collection on individuals from understudied/underserved areas and the creation of an integrated multilevel data resource.



Population Health Assessment: Study Population

- Individually survey ≥ 1000 persons residing in our catchment area
 - $\geq 50\%$ of the individuals surveyed will reside in the **TUH Primary Service Area**
 - $\geq 50\%$ of the individuals surveyed *across the catchment area* will satisfy at least one of the following criteria of being **historically underserved**
 - 1) Live in medically underserved areas (Health Resources and Services Administration)
 - 2) Have low literacy
 - 3) Have low income ($\leq \$11,670$ for single individual or $\$23,850$ for family of 4)
 - 4) Be uninsured/subsidized health insurance coverage

Population Health Assessment: **Recruitment Plan**

- 1) We will identify/recruit subjects who reside in the TUH Primary Service Area by expanding **Temple Health Block-by-Block's (THB3)** already-planned, third wave of data collection
 - Re-contacting families already participating in THB3
- 2) We will identify/recruit (historically underserved and “non-underserved”) subjects *across the entire catchment area (both within and outside the TUH Primary Service Area)*
 - Via future community outreach/cancer screening efforts scheduled/conducted by FCCC’s Office of Community Outreach (OCO)
 - Through the OCO’s and the Health Communication and Community Engagement (HCCE) Facility’s community partners
 - Re-contacting individuals who previously participated in research studies conducted by the HCCE Facility

Temple Health: Block-by-Block Project Goals

...establish a multigenerational urban neighborhood health partnership to enrich minority research participation, optimize the institutional research portfolio, and contribute to the health improvement of our community.

- Provide a sustainable cohort of community participants engaged in individual and community health improvement across the life cycle through research;
- Provide investigators access to descriptive health data from urban populations for research purposes;
- Enhance participation of minorities in clinical research through improved education, access, and empowerment;
- Provide a venue for a community voice in new research initiatives.



Temple Health: Block-by-Block Recruitment Goals

- 1,000 subjects per year
- Ages ≥ 18 years (children to be included in Year 3)
- Multiple individuals within each household
- Maintain retention $>80\%$
- Minimum goal of 5,000 subjects accrued and retained



Temple Health: Block-by-Block Methods

- Collect descriptive, longitudinal data every 6 months related to:
 - Demographic and social characteristics
 - Anthropometric & biologic parameters
 - Health behaviors
 - Health outcomes
- Specific data “themes” for each bi-annual assessment
- Integration of data collection/interventions for independent research studies



Specific Benchmarks of Success

- Increased minority recruitment into TUHS clinical trials
- Increased clinical investigations which focus on community health priorities
- Increased representation of minorities in national, therapeutic studies
- Improved health indicators (very long term ☺) among North Philadelphia residents:
 - ↓ obesity and improved nutrition
 - ↓ tobacco use
 - ↑ health screening
 - earlier disease diagnosis



Population Health Assessment: Recruitment Plan

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Population Health Assessment: Key Constructs

Table 1. Data and key constructs for proposed data collection project.	
<i>Data/Key Construct</i>	<i>Instrument</i>
Sociodemographics (e.g., age, gender, marital status, race, ethnicity, preferred language, education, income, urban/rural status, insurance status, etc)	U.S. Census [1]*, HINTS [2]*, NHIS CCS [3]*, BRFSS [4]*
Reactions to race	BRFSS [4]*
Social context (e.g., work, finances, etc)	BRFSS [4]*
Social networks	HINTS [2]*
Chronic health conditions/functional status	BRFSS [4]*, HINTS [2]*
Health care access	HINTS [2]*, BRFSS [4]*
Health status/HRQOL	BRFSS [4]*, SF-12 [5]
Cancer perceptions/knowledge	HINTS [2]*
Cancer communication	HINTS [2]*
Cancer-related risk behaviors	HINTS [2]*, NHIS CCS [3]*, BRFSS [4]*
Cancer risk attitudes	HINTS [2]*
Cancer screening	HINTS [2]*, NHIS CCS [3]*, BRFSS [4]*
Family history/genetic testing	HINTS [2]*, NHIS CCS [3]*, BRFSS [4]*, 13-item Attitudes Toward Genetic Research and Testing [6]
Knowledge/attitudes regarding medical research/clinical trials	HINTS [2]*, 17-item Likelihood of Participation Scale [7]
Knowledge/attitudes regarding biobanking research	BANKS [8]*
* denotes selected items; HINTS, Health Information National Trends Survey; NHIS CCS, National Health Interview Survey Cancer Control Supplement; BRFSS, Behavioral Risk Factor Surveillance System; SF-12, 12-Item Short Form Health Survey; BANKS, Biobanking Attitudes and Knowledge Survey.	

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