

“Assessing Population Health in the Abramson Cancer Center Catchment Area”

- ◆ **Target population:** 18 to 75 years old, English or Spanish-speaking, living in Philadelphia and surrounding counties
- ◆ **Methodology:**
 - ◆ Re-contacting sub-sample (n=1,000) of individuals who completed the 2015 Southeastern Pennsylvania Household Health Survey (SEPa HHS); ask new, cancer-specific items
 - ◆ Link these items to the full 2015 SEPa HHS data set and to neighborhood-level data sources
- ◆ **Timeline for fielding:** January-March 2017

Primary Constructs:

Table 1. Measures Topics	SOURCE(S), EXAMPLES	LEVEL OF MEASUREMENT
SURVEY DATA		
Demographics	SEPa/HINTS: age, sex, race/ethnicity, zipcode, education, housing, employment, marital status, family, access to transportation	Individual
Health status, access to care, barriers to care	SEPa HHS/HINTS: source of care, insurance coverage, language barriers	Individual
Health behavior	SEPa HHS/HINTS: Tobacco use, food intake, physical activity, UVR exposure	Individual
Cancer screening/detection	SEPa HHS/HINTS: Pap test, mammo, CRC screening, prostate ca screening	Individual
Information seeking and scanning, cancer communication related topics	From Kelly BJ et al., ^{14,30} for cancer prevention & screening behaviors; treatment/survivor behaviors from Nagler et al., ¹² Tan et al. ¹⁵	Individual
Cancer perceptions, knowledge	HINTS: beliefs, awareness, misconception	Individual
Risk perceptions	HINTS: perceived risk of lung, colon, breast (F), prostate (M) cancers	Individual
Neighborhood and social factors	SEPa HHS: reported social capital, use of social media, neighborhood access to prevention resources	Individual
GEOSPATIAL AND SOCIAL DATA		
Neighborhood demographics	US Census, American Community Survey	Neighborhood
Built environment	Regional Planning Commission, Police Departments, TradeDimensions, ESRI: walkability, food sources, transportation, crime, vacant lots, social context	Neighborhood
Health and cancer-related	PA Cancer Registry, PolicyMap, Social Explorer, County Health Rankings: health and cancer statistics, health services	Neighborhood
CHEMICAL EXPOSURE DATA		
Air toxicant exposure	EPA My Environment mapping tool	Neighborhood
Industrial waste-water discharge	EPA Toxic Release Inventory, RSEI, C-FERST	Neighborhood