Supplemental Table 1. Area-level variables descriptions and non-standardized distributions among participant neighborhoods

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| **Variable** | **Detailed Description** | **Source** | **Year(s)** | **Unit** | **Coding** | **Min** | **Max** | **Mean (SD)** | **Median (25th, 75th)** |
| Health spending | Average annual healthcare expenditure per household | Esri | 2013 | BG | Dollars | 789.6 | 5434.4 | 2173 (668.9) | 2059.8 (1734, 2480.6) |
| Insurance spending | Average annual health insurance expenditure per household | Esri | 2013 | BG | Dollars | 456.2 | 3067.5 | 1250 (379.5) | 1190 (996.5, 1428.3) |
| Prescription spending | Average annual prescription drug expenditures per household | Esri | 2013 | BG | Dollars | 85.5 | 659.9 | 237 (76.1) | 223.1 (194, 268.7) |
| Medicare spending | Average annual Medicare expenditures per household | Esri | 2013 | BG | Dollars | 83.4 | 598.3 | 230.5 (71.1) | 217.5 (189.2, 262) |
| Housing spending | Average annual housing expenditure per household | Esri | 2013 | BG | Dollars | 4385.9 | 28901.6 | 11933.8 (3492.5) | 11389.8 (9604.9, 13737.5) |
| Alcohol expenditures | Alcohol expenditures by households | Geolytics | 2008 | BG | Dollars | 0 | 725.6 | 331 (73.3) | 328.8 (279.2, 378.8) |
| Violent crime rate | Total per capita homicides, rapes, robberies, aggravated and simple assault offenses | PPD | 2010 | BG | Rate per 1000 residents | 4.5 | 161 | 40.2 (24.9) | 34.6 (22.9, 48.2) |
| Criminal mischief rate | Total per capita offenses of stolen property or destruction of property | PPD | 2010 | BG | Rate per 1000 residents | 2.4 | 55.2 | 14.4 (8.1) | 12.9 (8.7, 17.7) |
| Drug arrest rate | Total per capita arrests for drug and narcotics sales, manufacturing, delivery or possession | PPD | 2010 | BG | Rate per 1000 residents | 0.5 | 103.7 | 18.5 (15.9) | 13.7 (7.1, 24.9) |
| Disorderly conduct rate | Total per capita arrests for disorderly conduct | PPD | 2010 | BG | Rate per 1000 residents | 0.3 | 37.6 | 5 (5.2) | 3.6 (1.7, 6.1) |
| Alcohol outlet density | Total per capita on and off premise alcohol distributors | Dept of Revenue | 2009 | BG | Rate per 1000 residents | 0 | 28.5 | 1.3 (2.2) | 0.6 (0, 1.8) |
| Median Income | Median household income (2010 Inflation-adjusted dollars) | ACS | 2006-2010 | BG | Thousands of Dollars | 7.4 | 110.3 | 29.3 (12.9) | 28.2 (19.7, 36.9) |
| Percent more than HS education | Percent of population 25 years and over with at least a high school graduate (or equivalent) education (\*Inverse of population with less than a HS degree) | ACS | 2006-2010 | BG | Percent of population 25+ years | 100 | 37.3 | 76.1 (11.5) | 77.4 (83.4, 68.1) |
| Percent of adults in poverty | Percent of population 18 to 64 years living in poverty | ACS | 2006-2010 | CT | Percent of population ages 18-64 | 4.4 | 61.8 | 28.7 (10.1) | 30.1 (22.1, 34.3) |
| Percent of children in poverty | Percent of population under 18 living poverty | ACS | 2006-2010 | CT | Percent of population less than 18 years | 0 | 79.7 | 41.6 (17.1) | 42.9 (29.3, 51.5) |
| Percent of older adults in poverty | Percent of population age 65 and over living in poverty | ACS | 2006-2010 | CT | Percent of population age 65+ | 0 | 56.1 | 22.3 (12.9) | 20.6 (14.4, 29.8) |
| Percent on public assistance | Percent of household with public assistance income | ACS | 2006-2010 | BG | Percent of households | 0 | 45.3 | 11.2 (9.3) | 9.5 (4.1, 17.1) |
| Percent Black or African American race | Percent of population who identify as Black or African American alone | ACS | 2006-2010 | BG | Percent of total population | 0 | 100 | 83.8 (22.8) | 94.2 (81.7, 98.3) |
| Percent Hispanic or Latino | Percent of population who identify as Hispanic or Latino ethnicity | ACS | 2006-2010 | BG | Percent of total population | 0 | 55.9 | 3.2 (6.9) | 0 (0, 3.3) |
| Percent youth | Percent of population aged 18-24 years | ACS | 2006-2010 | CT | Percent of total population | 0 | 81.9 | 11.9 (7.7) | 11.4 (7.4, 15.1) |
| Percent unemployment | Percent of civilian population 16 years and over unemployed | ACS | 2006-2010 | CT | Percent of population 16+ years | 0 | 43.7 | 18.7 (8.7) | 17.2 (13.1, 23.7) |
| Percent drop-out | Percent of population 16 to 19 years not graduated or enrolled in school | ACS | 2006-2010 | CT | Percent of population aged 16-19 | 0 | 100 | 7 (16.3) | 0 (0, 8.3) |
| Vacant property rate | Total vacant lots as a percentage of total parcels | NIS | 2008 | BG | Percent of total land parcels | 0.3 | 42.5 | 9.2 (8.8) | 6.4 (2.8, 12.2) |
| Greened lot rate | Greened lots as a percent of vacant lots | NIS | 2008 | BG | Percent of total vacant lots | 1.5 | 86.7 | 22.4 (17.7) | 18.7 (8.7, 32.1) |
| Percent experienced violence | In the past year, I have been subject to any kind of physical violence by friends, family members, or strangers | PHMC | 2010 | Zip code | Proportion reporting "yes" (weighted) | 0.666 | 4.445 | 2.364 (0.546) | 2.273 (2.082, 2.656) |
| Lack of access to firearms | Are there any firearms, such as handguns, shotguns, or rifles in or around your home? | PHMC | 2010 | Zip code | Proportion "no" (weighted) | 2.25 | 15.03 | 6.92 (2.67) | 6.6 (4.79, 8.77) |
| Don’t feel like they belong | I feel like I belong and am part of my neighborhood | PHMC | 2010 | Zip code | 1 = Strongly Agree –  4 = Strongly Disagree (weighted) | 0.6 | 3.7 | 1.7 (0.5) | 1.5 (1.4, 1.8) |
| Trust (can’t trust neighbors) | Most people in my neighborhood can be trusted | PHMC | 2010 | Zip code | 1 = Strongly Agree –  4 = Strongly Disagree (weighted) | 0.7 | 4 | 2.1 (0.7) | 2.1 (1.7, 2.5) |
| Have not worked to improve neighborhood | Have people in your neighborhood ever worked together to improve the neighborhood? For example, through a neighborhood watch, building a playground, or participating in a block party. | PHMC | 2010 | Zip code | 1 = Yes, 2 = No (weighted) | 0.5 | 1.9 | 1 (0.3) | 1 (0.9, 1.2) |
| Neighbors unlikely to help each other | How likely are people in your neighborhood willing to help their neighbors with routine activities such as picking up their trash cans or helping shovel snow? | PHMC | 2010 | Zip code | 1 = Always - 5 = Never (weighted) | 0.7 | 4.7 | 2.2 (0.6) | 2 (1.8, 2.5) |
| Participation | How many local groups or organizations in your neighborhood do you currently participate in such as social, political, religious, school-related, or athletic organizations? | PHMC | 2010 | CT | Number of organizations (weighted) | 0 | 3.1 | 0.8 (0.6) | 0.7 (0.4, 0.9) |
| Stress | How much stress would you say you have experienced in the past year? | PHMC | 2010 | CT | Proportion reporting high stress | 18.6 | 48.2 | 35.5 (6.1) | 36.1 (32.5, 39.9) |
| Truancy | Truancy rate | PDE | 2008 | BG | Average truancy rate among schools | 18.7 | 58.4 | 35.5 (9.7) | 37.8 (28.6, 40.6) |

PPD: Philadelphia Police Department; ACS: American Community Survey; NIS: Neighborhood Information System at the University of Penn Cartographic Modeling Lab; PHMC: Philadelphia Health Management Corporation’s Southeastern Pennsylvania Household Survey; PDE: Philadelphia Department of Education.

CT: Census tract; BG: Census block group