**Supplementary Tables**

eTable 1. Census-tract level source by infant birth year

|  |  |
| --- | --- |
| **Infant birth year** | **Census-tract level SEP information source** |
| 1997 – 2004 | 2000 US Decennial Census |
| 2005 – 2009 | 2005 – 2009 American Community Survey |
| 2010 – 2011 | 2010 – 2014 American Community Survey |

SEP: Socioeconomic position; US: United States

eTable 2. Description of census indicators used to create the Neighborhood Deprivation Index and Neighborhood Socioeconomic Position Index

|  |  |  |
| --- | --- | --- |
| **Socioeconomic domain** | **Census indicator** | **Description** |
| Education | % Low educationa.b | % Residents whose highest education level  at the age of 25 is less than high school |
|  | % High  educationb | % Residents whose highest education level  at the age of 25 is a bachelor’s degree or higher |
| Housing | % Crowdinga.b | % Housing units with > 1 occupant per room |
| Employment | % Unemployeda.b | % Residents unemployed |
| Occupation | % Males in  Managementa.b | % Males in professional and management  occupations |
|  | % Manual occupationb | % Employed civilian population ≥ 16 years  who are nature, construction, or transportation  workers |
|  | % Workers classb | % Employed civilian population ≥ 16 years who reported being an unpaid family worker or self-employed |
| Poverty/Income | % Female housea.b | % Female headed households with dependents |
|  | % Public assistancea.b | % Households on public assistance |
|  | % Income below 30a.b | % Households earning less than $30,000 per year |
|  | % Povertya.b | % Residents with an income to poverty ratio <1 |
|  | Median incomeb | Median household income |
|  | % Wealthb | % Owner-occupied homes with values of  ≥ $300,000 |
|  | % Affordable housing  with mortgageb | % Owner-occupied homes with a monthly  mortgage that costs ≥ 30% of household income |
|  | % Affordable housing  with no mortgageb | % Owner-occupied homes without a monthly  mortgage that costs ≥ 30% of household income |
|  | % Renters occupancyb | % Renter-occupied units among total occupied  housing units |
|  | % Renters affordable  housingb | % Renter-occupied units with a monthly rent that  costs ≥ 30% of household income |

aCensus indicators used to construct the Neighborhood Deprivation Index

bCensus indicators used to construct the Neighborhood Socioeconomic Position Index

eTable 3. Neighborhood-level index component loadings

|  |  |  |
| --- | --- | --- |
|  | **NDI component loadings** | **nSEPI component loadings** |
| Crowding | 0.732626 | 0.675806 |
| Low education | 0.894597 | 0.87925 |
| Unemployment | 0.633841 | 0.586493 |
| Males in management and professional occupations | -0.66341 | -0.73440 |
| Female headed households with dependents | 0.479705 | 0.459067 |
| Poverty | 0.889715 | 0.845427 |
| Households earning < $30,000 per year | 0.864801 | 0.878993 |
| Public Assistance | 0.767678 | 0.712484 |
| Affordable housing with mortgage | --- | 0.401721 |
| Renters affordable housing | --- | 0.32902 |
| High education | --- | -0.81015 |
| Median income | --- | -0.80235 |
| Rental occupancy | --- | 0.520261 |
| Workers class | --- | -0.04429 |
| Manual occupation | --- | 0.731529 |
| Affordable housing without mortgage | --- | 0.179901 |
| Wealth | --- | -0.48555 |

NDI: Neighborhood Deprivation Index; nSEPI: Neighborhood Socioeconomic Position Index