*Demographic Divergence Between Sample and U.S. Census Within Each City*

The proportion of white respondents was more than 10% above census estimates in all cities (sample vs. census: 54.8% vs. 28.0% in Baltimore, 48.7% vs. 33.1% in NYC, 61.4% vs. 36.9% in Philadelphia, and 53.4 vs. 34.8% in Washington), the proportion of black respondents was more than 10% below census estimates in Baltimore (38.1% vs. 63.3%), Philadelphia (24.9% vs. 42.2%), and Washington (31.4% vs. 50.0%), and Latinos were underrepresented in NYC (17.9% vs. 28.6%). The age group 25-44 years was over-represented in all cities (46.9% vs. 29.0% in Baltimore, 47.9% vs. 31.1% in NYC, 44.1% vs. 28.5% in Philadelphia, and 51.0% vs. 34.2% in Washington). Finally, female respondents were overrepresented compared to census estimates in Philadelphia only (65.0% versus 52.8%).

**Table S1**. Sample demographics by city.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Total Sample | Baltimore | New York City | Philadelphia | Washington D.C. |
|  | N=1615 | N=226 | N=624 | N=469 | N=296 |
|  | n (%) | n (%) | n (%) | n (%) | n (%) |
| Gender |  |  |  |  |  |
|  Male | 1032 (41.6) | 84 (37.2) | 311 (49.8) | 160 (34.1) | 117 (39.5) |
|  Female | 932 (57.7) | 140 (61.9) | 309 (49.5) | 305 (65.0) | 178 (60.1) |
|  Trans or other1 | 11 (0.7) | 2 (0.9) | 4 (0.7) | 4 (0.9) | 1 (0.4) |
| Age group |  |  |  |  |  |
|  18-24 | 276 (17.1) | 29 (12.8) | 116 (18.6) | 74 (15.8) | 57 (19.3) |
|  25-44 | 763 (47.2) | 106 (46.9) | 299 (47.9) | 207 (44.1) | 151 (51.0) |
|  45-64 | 467 (28.9) | 74 (32.7) | 169 (27.1) | 153 (32.6) | 71 (24.0) |
|  65+ | 109 (6.7) | 17 (7.5) | 40 (6.4) | 35 (7.5) | 17 (5.7) |
| *Race* |  |  |  |  |  |
|  White, non-Latino | 873 (54.1) | 123 (54.4) | 304 (48.7) | 288 (61.4) | 158 (53.4) |
|  Black, non-Latino | 465 (28.8) | 86 (38.1) | 169 (27.1) | 117 (24.9) | 93 (31.4) |
|  Latino | 184 (11.4) | 6 (2.7) | 112 (17.9) | 38 (8.1) | 28 (9.5) |
|  Other2 | 93 (5.8) | 11 (4.9) | 39 (6.3) | 26 (5.5) | 17 (5.7) |
| Sexual Orientation |  |  |  |  |  |
|  Hetero/straight | 1431 (88.9) | 201 (89.3) | 544 (87.5) | 421 (90.1) | 265 (89.8) |
|  Homo/G/L | 66 (4.1) | 5 (2.2) | 37 (5.9) | 16 (3.4) | 8 (2.7) |
|  Bisexual | 92 (5.7) | 15 (6.7) | 33 (5.3) | 26 (5.6) | 18 (6.1) |
|  Not specified | 20 (1.2) | 4 (1.8) | 8 (1.3) | 4 (0.9) | 4 (1.4) |
| Income |  |  |  |  |  |
|  < 20,000 | 163 (10.1) | 23 (10.3) | 83 (13.3) | 38 (8.2) | 19 (6.4) |
|  20,000-39,999 | 272 (16.9) | 59 (26.3) | 82 (13.2) | 93 (20.0) | 38 (12.9) |
|  40,000-59,999 | 301 (18.7) | 53 (23.7) | 116 (18.6) | 85 (18.3) | 47 (15.9) |
|  60,000-79,999 | 298 (18.6) | 30 (13.4) | 121 (19.4) | 96 (20.7) | 51 (17.3) |
|  80,000-99,999 | 195 (12.1) | 24 (10.7) | 73 (11.7) | 59 (12.7) | 39 (13.2) |
|  > 100,000 | 377 (23.5) | 35 (15.6) | 148 (23.8) | 93 (20.0) | 101 (34.2) |
| *Education* |  |  |  |  |  |
|  < High School | 36 (2.2) | 7 (3.1) | 21 (3.4) | 6 (1.3) | 2 (0.7) |
|  High school or GED | 232 (14.4) | 49 (21.7) | 75 (12.1) | 75 (16.1) | 33 (11.1) |
|  Some college/tech | 452 (28.1) | 62 (27.4) | 158 (25.5) | 147 (31.5) | 85 (28.7) |
|  College graduate | 598 (37.2) | 70 (71.0) | 255 (41.1) | 169 (36.2) | 104 (35.1) |
|  Graduate or Professional | 291 (18.1) | 38 (16.8) | 111 (17.9) | 70 (15.0) | 72 (24.3) |
| *Foreign-born* |  |  |  |  |  |
|  No | 1466 (91.4) | 207 (92.8) | 552 (88.6) | 437 (94.4) | 270 (91.5) |
|  Yes | 138 (8.6) | 16 (7.2) | 71 (11.4) | 26 (5.6) | 25 (8.5) |

1 "Trans or other" category included transgender male to female (n=1), transgender female to male (n=2), transgender not further specified (n=4), and other (n=4).

2 "Other" races included Asian / Pacific Islander (n=62), Native American or American Indian (n=7), more than one race (n=18), and other (n=5).

**Table S2**. Adjusted linear regression models of associations between PPI domains of police-public encounters (independent variables) and EPPS total score (dependent variable).

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Standardized Beta | *t* | *p* |
|  Constant | - | 19.34 | <0.001 |
|  Positive | -0.05 | -2.28 | 0.023 |
|  Physical | 0.13 | 4.82 | <0.001 |
|  Physical with Weapon | 0.08 | 3.03 | 0.002 |
|  Sexual | 0.08 | 3.19 | 0.001 |
|  Psychological | 0.29 | 11.85 | <0.001 |
|  Neglect | 0.22 | 9.17 | <0.001 |

**Supplemental Figure S1.** PHQ-9 scores by Race and Police Victimization. PHQ-9 scores were significantly different within each racial/ethnic group, although these differences were significantly larger among the “other” race group.