**Supplemental Table 1. Sample characteristics by urbanicity among heterosexuals of low socioeconomic status\*, aged 18-59 years, NHANES, 1999-2010**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Overall% (95% CI)** | **Large Central Metro% (95% CI)** | **Large Fringe Metro% (95% CI)** | **Medium/Small Metro/Nonmetro% (95% CI)** | **P- value** |
|  | N=8709 | N=3332 | N=1180 | N=4197 |  |
| **Male** | 50.2 (49.0 - 51.3) | 49.7 (48.0 - 51.5) | 52.4 (49.5 - 55.4) | 49.8 (48.1 - 51.4) | 0.3 |
| **Race/ethnicity** |  |  |  |  | <0.0001 |
| Mexican-American | 13.8 (11.7 - 16.3) | 24.0 (19.9 - 28.6) | 8.0 (4.8 - 13.1) | 10.4 (7.2 - 14.6) |  |
| Non-Hispanic white | 60.7 (56.5 - 64.8) | 34.2 (29.8 - 38.9) | 69.0 (59.0 - 77.5) | 71.7 (65.7 - 76.9) |  |
| Non-Hispanic black | 14.4 (12.5 - 16.5) | 24.1 (20.6 - 27.9) | 12.6 (8.6 - 18.1) | 10.0 (7.5 - 13.2) |  |
| Other | 11.1 (9.0 - 13.6) | 17.7 (13.7 - 22.7) | 10.4 (6.8 - 15.6) | 7.9 (5.5 - 11.4) |  |
| **Age group** |  |  |  |  | 0.001 |
| 18-29 years | 32.0 (30.1 - 33.9) | 35.0 (32.7 - 37.4) | 31.4 (27.3 - 35.7) | 30.7 (27.8 - 33.7) |  |
| 30-39 years | 25.3 (23.9 - 26.9) | 27.4 (25.0 - 29.9) | 21.4 (19.1 - 23.9) | 25.4 (23.5 - 27.5) |  |
| 40-49 years | 24.8 (23.3 - 26.4) | 22.6 (20.1 - 25.4) | 27.2 (23.7 - 30.9) | 25.3 (23.1 - 27.6) |  |
| 50-59 years | 17.8 (16.4 - 19.3) | 14.9 (13.2 - 16.8) | 20.1 (16.3 - 24.4) | 18.6 (16.6 - 20.9) |  |
| **Education** |  |  |  |  | <0.0001 |
| <High school diploma | 36.0 (33.9 - 38.1) | 46.1 (43.4 - 48.9) | 31.2 (26.9 - 35.9) | 32.3 (29.2 - 35.7) |  |
| High school diploma/equivalent | 55.0 (52.7 - 57.3) | 44.9 (42.2 - 47.7) | 63.1 (58.2 - 67.7) | 57.7 (54.1 - 61.3) |  |
| ≥Some college/technical school | 9.0 (7.9 - 10.3) | 8.9 (7.8 - 10.3) | 5.7 (4.5 - 7.3) | 9.9 (8.1 - 12.2) |  |
| **Household income** |  |  |  |  | <0.0001 |
| 0-$19,999 | 26.7 (24.5 - 28.9) | 26.8 (24.6 - 29.2) | 18.2 (15.2 - 21.6) | 28.9 (25.5 - 32.5) |  |
| $20,000-44,999 | 31.6 (29.7 - 33.7) | 37.0 (33.4 - 40.9) | 26.5 (22.3 - 31.1) | 30.5 (28.1 - 33.0) |  |
| $45,000-74,999 | 24.1 (22.6 - 25.7) | 21.9 (19.5 - 24.6) | 25.4 (21.2 - 30.1) | 24.8 (22.8 - 27.0) |  |
| $75,000+ | 17.6 (15.5 - 19.9) | 14.2 (12.0 - 16.8) | 29.9 (25.0 - 35.4) | 15.8 (12.9 - 19.1) |  |
| **Health insurance** |  |  |  |  | 0.006 |
| Public | 13.3 (12.3 - 14.4) | 13.3 (11.8 - 15.1) | 13.1 (10.9 - 15.8) | 13.3 (11.7 - 15.2) |  |
| Private | 53.4 (51.4 - 55.4) | 48.3 (45.3 - 51.3) | 58.6 (54.3 - 62.8) | 54.5 (51.2 - 57.8) |  |
| None | 33.3 (31.4 - 35.2) | 38.4 (35.3 - 41.5) | 28.2 (23.8 - 33.1) | 32.1 (29.4 - 35.0) |  |
| **HIV positive** | 0.3 (0.2 - 0.4) | 0.4 (0.2 - 0.8) | 0.4 (0.1 - 1.2) ^^ | 0.1 (0.0 - 0.3) ^ | 0.02 |
| **HSV-2 positive** | 21.1 (19.5 - 22.8) | 25.7 (23.3 - 28.4) | 16.7 (13.3 - 20.7) | 19.9 (17.7 - 22.3) | 0.0004 |
| **HPV 6/11 positive**† | 14.9 (12.3 - 17.8) | 15.5 (12.0 - 19.8) | 14.2 (8.2 - 23.6) | 14.8 (11.7 - 18.5) | 0.9 |
| **HPV 16/18 positive**† | 14.5 (12.3 - 17.1) | 13.5 (11.0 - 16.4) | 18.3 (13.6 - 24.3) | 13.0 (10.1 - 16.5) | 0.2 |
| **Chlamydia positive** | 2.8 (2.4 - 3.4) | 3.0 (2.4 - 3.7) | 2.8 (1.9 - 4.3) | 2.8 (2.2 - 3.5) | 0.9 |
| **Hepatitis B positive** | 0.2 (0.1 - 0.3) | 0.4 (0.2 - 0.8) ^ | <0.4 ^^ | <0.3 ^^  | 0.07 |
| **Hepatitis C positive** | 1.6 (1.3 - 1.9) | 1.6 (1.0 - 2.4) | 1.6 (1.0 - 2.4) | 1.6 (1.1 - 2.1) | 1.0 |

HSV-2: human simplex virus type 2; HPV: human papillomavirus

Heterosexuals: never IDU, never MSM, reported an opposite sex partner in the past 12 months.

\*Low socioeconomic status defined as having not more than a high school diploma or having an income at or below the HHS poverty guidelines for 2008.

†HPV data available for 2003–2004 only.

^Relative standard error 30-50%.

^^Relative standard error >50%.