**Supplemental Table 1. Point estimates and 95% confidence intervals of the sociodemographic characteristics of WIC-participating children in Los Angeles County by age and time period, 2003-2014**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 2 year-olds  N=597,506  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | | 3 year-olds  N=577,069  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | | 4 year-old  N=463,213  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | |
|  | 2003-07  N=319,754 | 2010-14  N=277,752 | 2003-07  N=305,320 | 2010-14  N=271,749 | 2003-07  N=244,132 | 2010-14  N=219,081 |
| Child’s gender (female) | 49.0  (48.8, 49.2) | 49.0  (48.8, 49.2) | 48.9  (48.8, 49.1) | 48.9  (48.7, 49.1) | 48.9  (48.7, 49.1) | 48.9  (48.7, 49.1) |
| Children who are obese† | 15.8  (15.6, 15.9) | 16.6\*\*\* (16.5, 16.8) | 18.4  (18.2, 18.5) | 19.2\*\*\* (19.0, 19.3) | 20.1  (20.0, 20.3) | 20.6\*\*\* (20.4, 20.8) |
| Parent race/ethnicity |  |  |  |  |  |  |
| NH White | 4.3  (4.3, 4.4) | 3.3\*\*\*  (3.3, 3.4) | 4.2  (4.1, 4.3) | 3.1\*\*\*  (3.0, 3.2) | 4.2  (4.2, 4.3) | 3.0\*\*\*  (2.9, 3.0) |
| NH Black | 7.2  (7.1, 7.3) | 7.6  (7.5, 7.7) | 7.1  (7.0, 7.2) | 7.1  (7.0, 7.2) | 6.9  (6.8, 7.0) | 6.4  (6.3, 6.5) |
| Asian | 4.3  (4.3, 4.4) | 3.8  (3.8, 3.9) | 4.2  (4.1, 4.3) | 3.6  (3.5, 3.6) | 4.0  (3.9, 4.1) | 3.5  (3.4, 3.6) |
| Hispanic | 84.1  (84.0, 84.3) | 85.3  (85.2, 85.4) | 84.6  (84.4, 84.7) | 86.3  (86.1, 86.4) | 84.8  (84.7, 85.0) | 87.2  (87.1, 87.4) |
| Household income |  |  |  |  |  |  |
| ≤ 50.0% FPL | 22.6  (22.5, 22.8) | 31.9\*\*\* (31.7, 32.0) | 22.6  (22.5, 22.8) | 30.8\*\*\* (30.6, 31.0) | 22.6  (22.4, 22.7) | 30.1\*\*\* (29.9, 30.3) |
| 50.1 – 100.0% FPL | 45.7  (45.5, 45.9) | 44.7  (44.5, 44.9) | 45.8  (45.6, 46.0) | 45.9  (45.8, 46.1) | 46.1  (45.9, 46.3) | 47.2  (46.9, 47.4) |
| 100.1 – 133.0% FPL | 17.9  (17.8, 18.1) | 13.7  (13.5, 13.8) | 17.8  (17.7, 18.0) | 13.6  (13.5, 13.7) | 17.8  (17.6, 17.9) | 13.5  (13.3, 13.6) |
| 133.1 – 185.0% FPL | 13.8  (13.7, 13.9) | 9.8  (9.7, 9.9) | 13.8  (13.6, 13.9) | 9.7  (9.6, 9.8) | 13.5  (13.4, 13.7) | 9.4  (9.2, 9.5) |
| Household education |  |  |  |  |  |  |
| < High school | 59.2  (59.0, 59.4) | 49.0\*\*\* (48.8, 49.2) | 60.5  (60.3, 60.7) | 50.6\*\*\* (50.4, 50.8) | 61.6  (61.4, 61.8) | 52.5\*\*\* (52.3, 52.7) |
| High school | 30.0  (29.9, 30.2) | 36.2  (36.1, 36.4) | 29.2  (29.1, 29.4) | 35.5  (35.3, 35.7) | 28.6  (28.4, 28.8) | 34.3  (34.1, 34.5) |
| Some college | 8.3  (8.2, 8.4) | 10.7  (10.6, 10.9) | 7.9  (7.8, 8.0) | 10.2  (10.0, 10.3) | 7.7  (7.6, 7.8) | 9.6  (9.5, 9.7) |
| College or more | 2.5  (2.5, 2.6) | 4.0  (4.0, 4.1) | 2.3  (2.3, 2.4) | 3.7  (3.7, 3.8) | 2.2  (2.1, 2.2) | 3.6  (3.5, 3.6) |
| Median Household Income | |  |  |  |  |  |
| ≤ $ 32,738 | 24.8  (24.6, 24.9) | 25.7\*\*\* (25.5, 25.8) | 24.9  (24.8, 25.1) | 25.8\*\*\* (25.8, 25.7) | 24.9  (24.7, 25.1) | 25.9\*\*\* (25.8, 26.1) |
| $32,739 - 40,278 | 26.1  (25.9, 26.2) | 23.2  (23.0, 23.3) | 26.2  (26.0, 26.3) | 23.5  (23.3, 23.7) | 26.2  (26.1, 26.4) | 23.7  (23.5, 23.9) |
| $40,279 - 51,534 | 25.3  (25.2, 25.5) | 24.4  (24.2, 24.6) | 25.3  (25.2, 25.5) | 24.5  (24.3, 24.6) | 25.5  (25.4, 25.7) | 24.6  (24.4, 24.7) |
| ≥ $51,535 | 23.9  (23.7, 24.0) | 26.8  (26.6, 26.9) | 23.6  (23.4, 23.7) | 26.2  (26.1, 26.4) | 23.4  (23.2, 23.5) | 25.8  (25.6, 26.0) |

FPL, Federal poverty level.

†Obesity is having a BMI ≥ 95th percentile of CDC’s gender- and age-specific growth reference values

Chi-square test measuring differences by time period \* p < 0.05; \*\* p < 0.01; \*\*\* p < 0.001

**Supplemental Table 2. Point estimates and 95% confidence intervals of the prevalence of obesity**† **among WIC-participating children in Los Angeles County by age and socioeconomic indicators, 2003-2014**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 2 year-olds  N=597,506  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | | 3 year-olds  N=577,069  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | | 4 year-olds  N=463,213  \_\_\_\_\_% (95%CI)\_\_\_\_\_ | |
|  | 2003-07  N=319,754 | 2010-14  N=277,752 | 2003-07  N=305,320 | 2010-14  N=271,749 | 2003-07  N=244,132 | 2010-14  N=219,081 |
| Household income |  |  |  |  |  |  |
| ≤ 50.0% FPL | 16.6\*\*\* (16.3, 16.9) | 17.5\*\*\* (17.2, 17.7) | 18.6\*\*\* (18.3, 18.9) | 19.6\*\*\*  (19.3, 19.8) | 20.2\*\* (19.8, 20.5) | 20.7\*\*\* (20.4, 21.0) |
| 50.1 – 100.0% FPL | 15.8  (15.6, 16.0) | 16.6  (16.4, 16.8) | 18.5  (18.3, 18.7) | 19.5  (19.3, 19.8) | 20.3  (20.0, 20.5) | 21.2  (20.9. 21.4) |
| 100.1 – 133.0% FPL | 15.5  (15.2, 15.8) | 15.9  (15.6, 16.3) | 18.2  (17.9, 18.5) | 18.4  (18.0, 18.8) | 20.2  (19.8, 20.5) | 19.5  (19.1, 20.0) |
| 133.1 – 185.0% FPL | 14.8  (14.5, 15.1) | 15.0  (14.6, 15.5) | 17.6  (17.2, 17.9) | 17.3  (16.9, 17.8) | 19.4  (19.0, 19.9) | 18.9  (18.4, 19.5) |
| Household education |  |  |  |  |  |  |
| < High school | 16.5\*\*\* (16.4, 16.7) | 17.7\*\*\* (17.5, 17.9) | 19.2\*\*\* (19.0, 19.4) | 20.3\*\*\* (20.1, 20.5) | 21.0\*\*\* (20.8, 21.3) | 21.7\*\*\* (21.4, 21.9) |
| High school | 15.2  (15.0, 15.5) | 16.3  (16.1, 16.6) | 17.4  (17.1, 17.6) | 18.7  (18.4, 18.9) | 19.1  (18.8, 19.4) | 19.9  (19.7, 20.2) |
| Some college | 13.7  (13.3, 14.1) | 14.6  (14.2, 15.0) | 16.6  (16.1, 17.1) | 17.1  (16.6, 17.5) | 17.7  (17.2, 18.3) | 18.8  (18.3, 19.3) |
| College or more | 11.1  (10.4, 11.8) | 11.4  (10.8, 12.0) | 13.9  (13.1, 14.7) | 14.4  (13.8, 15.1) | 16.2  (15.2, 17.2) | 15.8  (15.0, 16.7) |
| Median Household Income |  |  |  |  |  |  |
| ≤ $ 32,738 | 16.9\*\*\* (16.6, 17.2) | 17.6\*\*\* (17.3, 17.9) | 19.5\*\*\* (19.2, 19.8) | 20.4\*\*\* (20.1, 20.7) | 21.1\*\*\* (20.7, 21.4) | 21.7\*\*\* (21.4, 22.1) |
| $32,739 - 40,278 | 16.2  (16.0, 16.5) | 17.2  (17.0, 17.5) | 19.0  (18.8, 19.3) | 19.8  (19.5, 20.1) | 20.9  (20.6, 21.2) | 21.3  (21.0, 21.7) |
| $40,279 - 51,534 | 15.3  (15.1, 15.6) | 16.5  (16.2, 16.8) | 17.9  (17.6, 18.2) | 19.1  (18.8, 19.4) | 19.9  (19.6, 20.3) | 20.4  (20.1, 20.7) |
| ≥ $51,535 | 14.6  (14.3, 14.8) | 15.2  (15.0, 15.5) | 16.9  (16.6, 17.2) | 17.6  (17.3, 17.9) | 18.5  (18.2, 18.8) | 19.0  (18.6, 19.3) |

FPL, Federal poverty level.

†Obesity is having a BMI ≥ 95th percentile of CDC’s gender- and age-specific growth reference values

Chi-square test measuring differences within time periods \* p < 0.05; \*\* p < 0.01; \*\*\* p < 0.001.