**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**

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| --- | --- | --- | --- |
|  | 2 year-oldsN=597,506\_\_\_\_\_% (95%CI)\_\_\_\_\_ | 3 year-oldsN=577,069\_\_\_\_\_% (95%CI)\_\_\_\_\_ | 4 year-oldN=463,213\_\_\_\_\_% (95%CI)\_\_\_\_\_ |
|  | 2003-07N=319,754 | 2010-14N=277,752 | 2003-07N=305,320 | 2010-14N=271,749 | 2003-07N=244,132 | 2010-14N=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-oldsN=597,506\_\_\_\_\_% (95%CI)\_\_\_\_\_ | 3 year-oldsN=577,069\_\_\_\_\_% (95%CI)\_\_\_\_\_ | 4 year-oldsN=463,213\_\_\_\_\_% (95%CI)\_\_\_\_\_ |
|  | 2003-07N=319,754 | 2010-14N=277,752 | 2003-07N=305,320 | 2010-14N=271,749 | 2003-07N=244,132 | 2010-14N=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.