*Sample characteristics after PS stratification*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristic | Stratum | Total Sample  (n=20,443) | Intervention Group  (n=1,049) | Control Group  (n=19,394) | Absolute Difference |
| Community poverty level (mean±SD) | 1  2  3  4  5 | 24.2 (±6.2)  24.0 (±6.3)  24.0 (±6.4)  23.5 (±6.6)  22.9 (±6.8) | 25.5 (±5.8)  23.6 (±6.3)  23.8 (±6.3)  23.6 (±6.3)  22.8 (±6.2) | 24.2 (±6.2)  24.0 (±6.3)  24.1 (±6.4)  23.5 (±6.6)  23.0 (±6.8) | 1.3  0.4  0.3  0.1  0.2 |
| **School poverty level (mean±SD)** | 1  2  3  4  5 | 77.3 (±15.0)  76.4 (±16.1)  75.0 (±16.8)  72.7 (±18.4)  68.2 (±21.8) | 80.6 (±12.5)  77.1 (±17.1)  77.6 (±17.1)  72.8 (±17.1)  66.0 (±22.4) | 77.3 (±15.0)  76.4 (±16.2)  74.9 (±16.8)  72.8 (±18.5)  68.5 (±21.7) | 3.3  0.7  **2.7**  0  **2.5** |
| **School nurse workload (mean±SD)** | 1  2  3  4  5 | 17.1 (±7.2)  15.7 (±6.4)  14.6 (±6.0)  13.5 (±5.8)  12.0 (±5.2) | 19.7 (±7.6)  18.0 (±7.2)  14.4 (±7.0)  13.0 (±6.2)  11.4 (±5.5) | 17.0 (±7.2)  15.6 (±6.4)  14.6 (±6.0)  13.5 (±5.8)  12.1 (±5.1) | **2.7**  **2.4**  0.2  0.5  **0.7** |
| **Household food insecurity (%)** | 1  2  3  4  5 | Yes: 79.9  No: 20.1  Yes: 80.0  No: 20.0  Yes: 80.1  No: 19.9  Yes: 82.8  No: 17.2  Yes: 83.9  No: 16.1 | Yes: 96.6  No: 3.4  Yes: 75.6  No: 24.4  Yes: 80.7  No: 19.3  Yes: 83.4  No: 16.6  Yes: 82.6  No: 17.4 | Yes: 79.7  No: 20.3  Yes: 80.1  No: 19.9  Yes: 80.1  No: 19.9  Yes: 82.8  No: 17.2  Yes: 84.1  No: 15.9 | **Yes: 16.9**  **No: 16.9**  Yes: 4.5  No: 4.5  Yes: 0.6  No: 0.6  Yes: 0.6  No: 0.6  Yes: 2.5  No: 2.5 |
| **BMI (mean±SD)** | 1  2  3  4  5 | 22.8 (±2.1)  25.6 (±2.8)  27.3 (±3.0)  28.8 (±3.3)  31.7 (±4.6) | 23.4 (±2.0)  26.7 (±3.0)  27.4 (±2.9)  28.8 (±3.5)  32.3 (±4.9) | 22.8 (±2.1)  22.6 (±2.8)  27.3 (±3.0)  28.8 (±3.3)  31.6 (±4.6) | **0.6**  **4.1**  0.1  0  **0.7** |
| **BMI percentile (mean±SD)** | 1  2  3  4  5 | 99.4 (±0.3)  99.4 (±0.3)  99.4 (±0.2)  99.4 (±0.2)  99.5 (±0.2) | 99.5 (±0.3)  99.4 (±0.3)  99.4 (±0.3)  99.4 (±0.2)  99.5 (±0.2) | 99.4 (±0.3)  99.4 (±0.3)  99.4 (±0.2)  99.4 (±0.2)  99.5 (±0.2) | **0.1**  0  0  0  0 |
| Gender (%)  M=Male  F=Female | 1  2  3  4  5 | M: 65.9  F: 34.1  M: 63.8  F: 36.2  M: 62.6  F: 37.4  M: 59.2  F: 40.8  M: 56.0  F: 44.0 | M: 57.6  F: 42.3  M: 71.1  F: 28.9  M: 62.1  F: 37.9  M: 56.3  F: 43.7  M: 56.7  F: 43.3 | M: 66.0  F: 34.0  M: 63.6  F: 36.4  M: 62.6  F: 37.4  M: 59.4  F: 40.6  M: 55.9  F: 44.1 | M: 8.4  F: 8.3  M: 7.5  F: 7.5  M: 0.5  F: 0.5  M: 3.1  F: 3.1  M: 0.8  F: 0.8 |
| **Age in months (mean±SD)** | 1  2  3  4  5 | 69.9 (±12.6)  86.8 (±18.9)  95.3 (±18.9)  100.2 (±18.7)  104.9 (±17.8) | 68.4 (±8.8)  91.0 (±20.5)  94.4 (±17.8)  100.3 (±18.2)  105.8 (±17.4) | 70.0 (±12.6)  86.7 (±18.8)  95.4 (±18.9)  100.2 (±18.7)  104.8 (±17.9) | 1.6  **4.3**  1  0.1  1 |
| Grade (%)\* | 1  2  3  4  5 | K: 70.3  1st: 18.1  2nd: 5.6  3rd: 3.4  4th: 1.4  5th: 1.2  K: 19.9  1st: 29.8  2nd: 19.4  3rd: 14.9  4th: 18.4  5th: 7.5  K: 6.2  1st: 23.3  2nd: 23.5  3rd: 19.8  4th: 14.5  5th: 12.7  K: 2.4  1st: 17.5  2nd: 24.0  3rd: 20.4  4th: 18.7  5th: 17.1  K: 0.5  1st: 11.5  2nd: 22.9  3rd: 20.6  4th: 24.4  5th: 20.1 | K: 69.5  1st: 22.0  2nd: 8.5  3rd: 0  4th: 0  5th: 0  K: 21.1  1st: 23.3  2nd: 14.4  3rd: 14.4  4th: 12.2  5th: 14.4  K: 4.8  1st: 26.2  2nd: 29.0  3rd: 16.6  4th: 11.7  5th: 11.7  K: 1.1  1st: 17.7  2nd: 24.2  3rd: 21.7  4th: 19.5  5th: 15.9  K: 0.6  1st: 10.7  2nd: 20.9  3rd: 21.1  4th: 25.1  5th: 21.6 | K: 70.4  1st: 18.0  2nd: 5.6  3rd: 3.4  4th: 1.4  5th: 1.2  K: 19.9  1st: 30.0  2nd: 19.6  3rd: 14.9  4th: 8.3  5th: 7.4  K: 6.2  1st: 23.2  2nd: 23.3  3rd: 19.9  4th: 14.6  5th: 12.8  K: 2.4  1st: 17.5  2nd: 24.0  3rd: 20.3  4th: 18.6  5th: 17.2  K: 0.5  1st: 11.6  2nd: 23.2  3rd: 20.5  4th: 24.4  5th: 19.9 | K: 0.9  1st: 4  2nd: 2.9  3rd: 3.4  4th: 1.4  5th: 1.2  K: 1.2  1st: 6.7  2nd: 5.2  3rd: 0.5  4th: 3.9  5th: 7  K: 1.4  1st: 3.0  2nd: 5.7  3rd: 3.0  4th: 2.9  5th: 1.1  K: 1.3  1st: 0.2  2nd: 0.2  3rd: 1.4  4th: 0.9  5th: 1.3  K: 0.1  1st: 0.9  2nd: 2.3  3rd: 0.6  4th: 0.7  5th: 1.7 |
| **Race/ethnicity (%)\*\*** | 1  2  3  4  5 | W: 8.7  B: 31.2  H: 52.0  As: 6.5  Am: 1.3  M: 0.2  W: 8.7  B: 29.5  H: 53.9  As: 6.6  Am: 1.2  M: 0.2  W: 10.1  B: 26.1  H: 55.7  As: 7.2  Am: 0.6  M: 0.2  W: 11.2  B: 21.5  H: 58.5  As: 7.9  Am: 0.5  M: 0.4  W: 10.8  B: 17.2  H: 62.5  As: 8.5  Am: 0.4  M: 0.7 | W: 1.7  B: 25.4  H: 64.4  As: 3.4  Am: 5.1  M: 0  W: 8.9  B: 26.7  H: 58.9  As: 4.4  Am: 1.1  M: 0  W: 7.6  B: 30.3  H: 51.0  As: 9.0  Am: 2.1  M: 0  W: 12.6  B: 22.7  H: 53.4  As: 10.8  Am: 0.4  M: 0  W: 11.7  B: 17.0  H: 63.8  As: 6.9  Am: 0.2  M: 0.4 | W: 8.8  B: 31.3  H: 51.9  As: 6.6  Am: 1.2  M: 0.2  W: 8.7  B: 29.6  H: 53.8  As: 6.6  Am: 1.2  M: 0.2  W: 10.2  B: 25.9  H: 55.9  As: 7.2  Am: 0.6  M: 0.2  W: 11.1  B: 21.5  H: 58.8  As: 7.7  Am: 0.5  M: 0.4  W: 10.6  B: 17.2  H: 62.2  As: 8.7  Am: 0.4  M: 0.7 | **W: 7.1**  **B: 5.9**  **H: 12.5**  **As: 3.2**  **Am: 3.9**  **M: 0.2**  W: 0.2  B: 2.9  H: 5.1  As: 2.2  Am: 0.1  M: 0.2  **W: 2.6**  **B: 4.5**  **H: 4.9**  **As: 1.8**  **Am: 1.5**  **M: 0.2**  W: 1.5  B: 1.2  H: 5.4  As: 3.1  Am: 0.1  M: 0.4  W: 1.1  B: 0.2  H: 1.6  As: 1.8  Am: 0.2  M: 0.3 |
| **At least 1 chronic illness (%)** | 1  2  3  4  5 | 13.4  16.9  23.0  38.1  64.5 | 23.7  23.3  24.8  34.7  66.3 | 13.3  16.7  22.9  38.3  64.7 | **10.4**  6.6  1.9  3.6  3.6 |

\* K=Kindergarten

\*\* W=Non-Hispanic White, B=Non-Hispanic Black, H=Hispanic, As=Asian/Native Hawaiian/Pacific Islander, Am=American Indian/Alaskan Native, M=Multi-racial

Items in bold significantly differed after PS stratification.