*Sample characteristics after PS stratification*

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| --- | --- | --- | --- | --- | --- |
| Characteristic | Stratum | Total Sample(n=20,443) | Intervention Group(n=1,049) | Control Group(n=19,394) | Absolute Difference |
| Community poverty level (mean±SD) | 12345 |  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)** | 12345 |  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)** | 12345 |  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 (%)** | 12345 | Yes: 79.9No: 20.1Yes: 80.0No: 20.0Yes: 80.1No: 19.9Yes: 82.8 No: 17.2Yes: 83.9 No: 16.1 | Yes: 96.6No: 3.4Yes: 75.6No: 24.4Yes: 80.7No: 19.3Yes: 83.4No: 16.6Yes: 82.6No: 17.4 | Yes: 79.7No: 20.3Yes: 80.1 No: 19.9Yes: 80.1 No: 19.9Yes: 82.8 No: 17.2Yes: 84.1 No: 15.9 | **Yes: 16.9****No: 16.9**Yes: 4.5No: 4.5Yes: 0.6No: 0.6Yes: 0.6No: 0.6Yes: 2.5No: 2.5 |
| **BMI (mean±SD)** | 12345 |  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)** | 12345 |  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 | 12345 | M: 65.9 F: 34.1M: 63.8 F: 36.2 M: 62.6 F: 37.4 M: 59.2 F: 40.8 M: 56.0 F: 44.0  | M: 57.6F: 42.3M: 71.1 F: 28.9 M: 62.1 F: 37.9M: 56.3 F: 43.7M: 56.7 F: 43.3 | M: 66.0 F: 34.0M: 63.6 F: 36.4M: 62.6 F: 37.4 M: 59.4 F: 40.6M: 55.9 F: 44.1 | M: 8.4F: 8.3M: 7.5F: 7.5M: 0.5F: 0.5M: 3.1 F: 3.1M: 0.8 F: 0.8 |
| **Age in months (mean±SD)** | 12345 |  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 (%)\* | 12345 | K: 70.31st: 18.12nd: 5.63rd: 3.44th: 1.45th: 1.2K: 19.91st: 29.82nd: 19.43rd: 14.94th: 18.45th: 7.5K: 6.21st: 23.32nd: 23.53rd: 19.84th: 14.55th: 12.7K: 2.41st: 17.52nd: 24.03rd: 20.44th: 18.75th: 17.1K: 0.51st: 11.52nd: 22.93rd: 20.64th: 24.45th: 20.1 | K: 69.51st: 22.02nd: 8.53rd: 04th: 05th: 0K: 21.11st: 23.32nd: 14.43rd: 14.44th: 12.25th: 14.4K: 4.81st: 26.22nd: 29.03rd: 16.64th: 11.75th: 11.7K: 1.11st: 17.72nd: 24.23rd: 21.74th: 19.55th: 15.9K: 0.61st: 10.72nd: 20.93rd: 21.14th: 25.15th: 21.6 | K: 70.41st: 18.02nd: 5.63rd: 3.44th: 1.45th: 1.2K: 19.91st: 30.02nd: 19.63rd: 14.94th: 8.35th: 7.4K: 6.21st: 23.22nd: 23.33rd: 19.94th: 14.65th: 12.8K: 2.41st: 17.52nd: 24.03rd: 20.34th: 18.65th: 17.2K: 0.51st: 11.62nd: 23.23rd: 20.54th: 24.45th: 19.9 | K: 0.91st: 42nd: 2.93rd: 3.44th: 1.45th: 1.2K: 1.21st: 6.72nd: 5.23rd: 0.54th: 3.95th: 7K: 1.41st: 3.02nd: 5.73rd: 3.04th: 2.95th: 1.1K: 1.31st: 0.22nd: 0.23rd: 1.44th: 0.95th: 1.3K: 0.11st: 0.92nd: 2.33rd: 0.64th: 0.75th: 1.7 |
| **Race/ethnicity (%)\*\***  | 12345 | W: 8.7B: 31.2H: 52.0As: 6.5Am: 1.3M: 0.2W: 8.7B: 29.5H: 53.9As: 6.6Am: 1.2M: 0.2W: 10.1B: 26.1H: 55.7As: 7.2Am: 0.6M: 0.2W: 11.2B: 21.5H: 58.5As: 7.9Am: 0.5M: 0.4W: 10.8B: 17.2H: 62.5As: 8.5Am: 0.4M: 0.7 | W: 1.7B: 25.4H: 64.4As: 3.4Am: 5.1M: 0W: 8.9B: 26.7H: 58.9As: 4.4 Am: 1.1M: 0W: 7.6B: 30.3H: 51.0As: 9.0Am: 2.1M: 0W: 12.6B: 22.7H: 53.4As: 10.8Am: 0.4M: 0W: 11.7B: 17.0H: 63.8As: 6.9Am: 0.2M: 0.4 | W: 8.8B: 31.3H: 51.9As: 6.6Am: 1.2M: 0.2W: 8.7B: 29.6H: 53.8As: 6.6Am: 1.2 M: 0.2W: 10.2B: 25.9H: 55.9As: 7.2Am: 0.6M: 0.2W: 11.1B: 21.5H: 58.8As: 7.7Am: 0.5M: 0.4W: 10.6B: 17.2H: 62.2As: 8.7Am: 0.4 M: 0.7 | **W: 7.1****B: 5.9****H: 12.5****As: 3.2****Am: 3.9****M: 0.2**W: 0.2B: 2.9H: 5.1As: 2.2Am: 0.1 M: 0.2**W: 2.6****B: 4.5****H: 4.9****As: 1.8****Am: 1.5****M: 0.2**W: 1.5B: 1.2H: 5.4As: 3.1Am: 0.1M: 0.4W: 1.1B: 0.2H: 1.6As: 1.8Am: 0.2 M: 0.3 |
| **At least 1 chronic illness (%)** | 12345 |  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.