**Evidence Table 17b. Weight related outcomes for combined diet and physical activity intervention studies taking place in a school setting with home and community components, subgroups**

| **Author, Year** | **Arm** | **Sub-group** | **Baseline N** | **Baseline measure, mean (SD)** | **First follow-up time-point in weeks** | **N at first follow-up** | **First follow-up measure, mean (SD)** | **Mean change from base-line (SD)** | **Second follow-up time-point in weeks** | **N Second follow-up** | **Second follow-up measure, mean (SD)** | **Mean change from base-line (SD)** | **Final measure time-point** | **N at final measure** | **Final follow-up measure, mean (SD)** | **Mean Change from Base-line (SD)** | **Measure of Association** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **BMI (Kg/m2)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jansen, 20115 | 1 | Grades 3-5 | 729 | 17.07 (2.79) | 34 | 729 | 17.57 (3.08) |  |  |  |  |  |  |  |  |  |  |
| 2 | Grades 3-5 | 657 | 17.07 (2.76) | 34 | 657 | 17.49 (3) |  |  |  |  |  |  |  |  |  |  |
| 1 | Grades 6-8 | 653 | 19.06 (3.83) | 34 | 653 | 19.77 (4.09) |  |  |  |  |  |  |  |  |  |  |
| 2 | Grades 6-8 | 583 | 19.60 (3.98) | 34 | 583 | 20.36 (4.24) |  |  |  |  |  |  |  |  |  |  |
|  | Grades 3-5 | 1386 |  |  |  |  |  |  |  |  |  |  |  |  |  | First follow-up regression coefficient:  -0.10 (95% CI: -0.22-0.03) |
|  | Grades 6-8 | 1236 |  |  |  |  |  |  |  |  |  |  |  |  |  | First follow-up regression coefficient: -0.03 (95% CI-0.12-0.17) |
| **BMI, z-score** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| De Coen, 20122 | 1 | Low SES  | 8 Schools | 0.12 (0.95)  | 104 | 260 | 0.16 (0.88)  |   |   |   |   |   |   |   |   |   | Mean F test=0.04; p< 0.01 |
| De Coen, 20122 | 2 |  Low SES  | 8 Schools | Median (SD) =0.11, (0.92) |   | 289 | 0.00 (1.11) |   |   |   |   |   |   |   |   |   |  |
| De Coen, 20122 | 1 | Med. SES | 2 school participated | 0.09 (0.89)  | 104 | 166 | 0.11 (0.83)  |   |   |   |   |   |   |   |   |   | 2 year intervention effects not significant. |
| De Coen, 20122 | 2 | Med.SES | 7 schools participate | Median (SD) =0.17, (0.88) |   | 74 | 0.23(0.95) |   |   |   |   |   |   |   |   |   |  |
| De Coen, 20122 | 1 |  High SES | 556 | 0.18 (0.86)  | 104 | 108 | 0.15 (0.97) |   |   |   |   |   |   |   |   |   | 2 year intervention effects not significant. |
| De Coen, 20122 | 2 |  High SES | 1032 | Median (SD) =0.09, (1.03) |   | 215 | 0.17 (0.95) |   |   |   |   |   |   |   |   |   |  |
| **Waist circumference (cm)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jansen, 20115 | 1 | Grades 3-5 | 729 | 58.66 (8.05) | 34 | 729 | 60.79 (8.7) |  |  |  |  |  |  |  |  |  | First follow-up regression coefficient:  -1.29(95% CI:-2.16--0.42) |
| 2 | Grades 3-5 | 657 | 59.07 (7.95) | 34 | 657 | 60.09 (8.58) |  |  |  |  |  |  |  |  |  | First follow-up regression coefficient: -0.71 (95% CI:-1.72 - 0.29) |
| 1 | Grades 6-8 | 653 | 67.34 (10.73) | 34 | 653 | 70.77 (11.55) |  |  |  |  |  |  |  |  |  |  |
| 2 | Grades 6-8 | 583 | 69.03 (10.87) | 34 | 583 | 71.81 (11.29) |  |  |  |  |  |  |  |  |  |  |
| **% Over-weight** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jansen, 20115 | 1 | Grades 3-5 | 729 | 24.4 | 34 | 729 | 28.7 |  |  |  |  |  |  |  |  |  |  |
| 2 | Grades 3-5 | 657 | 24.4 | 34 | 657 | 25.7 |  |  |  |  |  |  |  |  |  |  |
| 1 | Grades 6-8 | 653 | 28.9 | 34 | 653 | 31.1 |  |  |  |  |  |  |  |  |  |  |
| 2 | Grades 6-8 | 583 | 33.8 | 34 | 583 | 36.3 |  |  |  |  |  |  |  |  |  |  |
|  | Grades 3-5 | 1386 |  |  |  |  |  |  |  |  |  |  |  |  |  | First follow-up odds ratio: 0.53(95% CI: 0.36-0.78) |
|  | Grades 6-8 | 1236 |  |  |  |  |  |  |  |  |  |  |  |  |  | First follow-up odds ratio: 1.25 (95% CI: 0.79-1.99) |

BMI = Body Mass Index; CI = Confidence Interval; cm = centimeters Kg/m2: kilogram per meter squared; Med. = Medium; N = Sample Size; NR = Not Reported; NS = Not Significant; SD = Standard Deviation; SES = Socio-Economic Status