**Evidence Table 17d. Intermediate outcomes for combined diet and physical activity intervention studies taking place in a school setting with home and community components.**

| **Author, year** | **Arm** | **Baseline N** | **Baseline measure, mean (SD)** | **Final measure timepoint** | **N at final measure** | **Final followup measure, mean (SD)** | **Mean Change from baseline (SD)** | **Measure of association** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Calorie intake (Kcal/day)** |  |  |  |  |  |  |  |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 115 | 1839.89 (761.5) | 28 | 115 | 1730.29 (744.2) | NA | t=1.418, p=0.159 |
| **Fruit intakes** (exchange/day) |  |  |  |  |  |  |  |  |
| Angelopoulos, 20091 | 1 | 325 | 1.3 (1.5) | 65-73 | 325 | 1.1 (1.6) | -0.2 (-0.4 to 0.1) | P=0.044 |
| 2 | 321 | 1.1 (1.2) | 65-73 | 321 | 1.5 (1.8) | 0.4 (0.1 to 0.7) |  |
| De Coen, 20122 | 1 | 557 | 135 (84.3) | 104 | 442 | 139 (95.2) | NR | P=NS |
| 2 | 1032 | 142 (95.7) | 104 | 670 | 151 (97.4) | NR |  |
| Millar, 20117 | 1 | 778 | 56.9 | 156 | 778 | 56.3 | 0.9 | P=0.51 |
| 2 | 1276 | 58.0 | 156 | 1276 | 53.7 |  |  |
| Sanigorski, 20086 | 1 | 977 | 1.96 (1.32) | 104-156 | 977 | 2.01 (1.48) | NR | NR |
| 2 | 835 | 1.90 (1.30) | 104-156 | 835 | 2.20 (1.44) | NR |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 115 | 1.44(1.77) | 28 | 115 | 1.72 (2.61) | NA | t=-1.063, p=0.290 |
| **Vegetable intakes** (exchange/day) |  |  |  |  |  |  |  |  |
| Angelopoulos, 20091 | 1 | 325 | 1.1 (1.0) | 65-73 | 325 | 1.2 (1.2) | 0.0 (-0.16 to 0.22) | P=0.680 |
| 2 | 321 | 1.2 (1.1) | 65-73 | 321 | 1.0 (1.4) | -0.2 (-0.40 to 0.04) |  |
| De Coen, 20122 | 1 | 557 | 73.2 (60.6) | 104 | 442 | 83.3 (57.5) | NR | P=NS |
| 2 | 1032 | 81.8 (62.5) | 104 | 670 | 91.2 (62.6) | NR |  |
| Millar, 20117 | 1 | 778 | 81.4 | 156 | 778 | 81.4 | 0.77 | P=0.14 |
| 2 | 1276 | 76.3 | 156 | 1276 | 75.2 |  |  |
| Sanigorski, 20086 | 1 | 977 | 1.74 (1.44) | 104-156 | 977 | 1.80 (1.65) | NR | NR |
| 2 | 835 | 1.83 (1.38) | 104-156 | 835 | 2.03 (1.53) | NR |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 115 | 1.31 (1.7) | 28 | 115 | 1.48 (1.55) | NA | t=-0.807, p=0.421 |
| **Fatty food intakes** |  |  |  |  |  |  |  |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 115 | 28.2 (9.0) | 28 | 115 | 27.2 (9.1) | NA | t=0.931, p=0.354 |
| Angelopoulos, 20091 | 1 | 325 | 8.7 (5.1) | 65-73 | 325 | 9.4 (5.0) | 0.7 (0.05 to 1.4) | P=0.028 |
| 2 | 321 | 8.0 (4.7) | 65-73 | 321 | 6.4 (3.8) | -1.6 (-2.4 to -0.9) |  |
| Greening, 20114 | 1 | 246 | 54.21 | 34 | 246 | 53.63 | NR | F=12.30,p=0.0005 |
| 2 | 204 | 53.85 | 34 | 204 | 55.23 | NR |  |
| **Sugar-sweetened beverage intakes** |  |  |  |  |  |  |  |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 115 | 835.4 (725.5) | 28 | 115 | 927.2 (553.4) | NA | t=-1.423, p=0.158 |
| De Coen, 20122 | 1 | 557 | 64.4 (100) | 104 | 442 | 58.2 (86.1) | NR | P=NS |
| 2 | 1032 | 50.3 (86.1) | 104 | 670 | 53.7 (90.8) | NR |  |
| Millar, 20117 | 1 | 778 | 38.0 | 156 | 778 | 35.2 | 1.21 | P=0.17 |
|  | 2 | 1276 | 48.3 | 156 | 1276 | 44.4 |  |  |
| Angelopoulos, 20091 | 1 | 325 | 2.6 (2.7) | 65-73 | 325 | 2.8 (3.2) | 0.2 (-0.2 to 0.6) | P=0.039 |
| 2 | 321 | 2.5 (2.2) | 65-73 | 321 | 1.7 (2.2) | -0.8 (-1.3 to -0.4) |  |
| Sanigorski, 20086 | 1 | 977 | 1.79 (1.64) | 104-156 | 977 | 1.51 (1.44) | NR | NR |
| 2 | 835 | 2.07 (1.60) | 104-156 | 835 | 1.52 (1.52) | NR |  |
| **Physical activity** |  |  |  |  |  |  |  |  |
| Greening, 20114 | 1 | 246 | 7.04 | 34 | 246 | 6.49 | NR | F=4.56,p=0.04 |
| 2 | 204 | 6.24 | 34 | 204 | 7.00 | NR |  |
| de Meij, 20103 | 1 | 1246 | 742 (252) | 86 | 983 | 695 (232) | **40** (−27 to 106) |  |
| 2 | 1197 | 707 (217) | 86 | 841 | 715 (234) |  |  |
| **Minutes of MVPA per day** |  |  |  |  |  |  |  |  |
| Angelopoulos, 20091 | 1 | 325 | 47.7 (41.9) | 65-73 | 325 | 31.3 (23.6) | -16.4 (95%CI: -21.1 to -11.7) | P=0.041 |
| 2 | 321 | 41.1 (36.6) | 65-73 | 321 | 43.4 (27.2) | 2.2 (-2.6 to 7.1) |  |
| Tomlin, 20129 | 1 | NA | NA | NA | NA | NA | NA |  |
| 2 | 30 | 152.3 (36.2) | 28 | 30 | 147.7 (45.5) | NA | t=-0.597, p=0.555 |
| **Participation in a sports club (h/week)** |  |  |  |  |  |  |  |  |
| De Coen, 20122 | 1 | 557 | 2.15 (1.86) | 104 | 442 | 2.49 (2.27) | NR | P=NS |
| 2 | 1032 | 2.32 (2.38) | 104 | 670 | 2.08 (1.66) | NR |  |
| **Participation in after-school sports activities (h/week)** |  |  |  |  |  |  |  |  |
| De Coen, 20122 | 1 | 557 | 2.09 (1.55) | 104 | 442 | 1.58 (1.76) | NR | P=NS |
| 2 | 1032 | 2.05 (1.16) | 104 | 670 | 1.48 (1.76) | NR |  |
| Sanigorski, 20086 | 1 | 977 | 1.57 (1.49) | 104-156 | 977 | 1.62 (1.23) | NR | NR |
| 2 | 835 | 1.07 (1.00) | 104-156 | 835 | 1.71 (1.15) | NR |  |
| Millar, 20117 | 1 | 778 | 79.0 | 156 | 778 | 82.3 | 0.67 | P=0.001 |
| 2 | 1276 | 72.7 | 156 | 1276 | 73.5 |  |  |
| **Screen time (h/d)** |  |  |  |  |  |  |  |  |
| De Coen, 20122 | 1 | 557 | 1.3 (1.1) | 104 | 442 | 1.4 (0.9) | NR | P=NS |
| 2 | 1032 | 1.4 (0.9) | 104 | 670 | 1.4 (0.9) | NR |  |
| Sanigorski, 20086 | 1 | 977 | 1.46 (1.17) | 104-156 | 977 | 1.45 (1.24) | NR | NR |
| 2 | 835 | 1.57 (1.10) | 104-156 | 835 | 1.48 (1.03) | NR |  |
| Millar, 20117 | 1 | 778 | 60.6 | 156 | 778 | 54.2 | 0.75 | P=0.01 |
| 2 | 1276 | 55.7 | 156 | 1276 | 48.4 |  |  |

b = Beta; BMI = Body Mass Index; F = F-stat; h/d = hours per day; h/week = hours per week; min. = minutes; N = Sample Size; NA = Not Available; NR = Not Reported; NS = Not Significant; P = P-value; PA = Physical Activity; SD = Standard Deviation; t = t-test value; T0 = Time 0; T1 = Time 1

No selected intermediate outcomes for Sanigorski, 20086 and Jansen, 20115