**Suppl. table 1: Breakdown of obese, overweight and underweight by school year, and aggregates for primary and secondary schools. Overweight (P85-95%), obese (≥ P95%) and underweight (<P5%) BMI values by WHO criteria.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Males** |  |  | **Y1** | **Y2** | **Y3** | **Y4** | **Y5** | **Y6** | **Primary school** | **Y7** | **Y8** | **Y9** | **Y10** | **Y11** | **Secondary school** | **Total** |
| **State** | **%** | Overweight & obese (≥P85%) | 38.8 | 41.0 | 39.5 | 43.9 | 50.8 | 51.2 | 44.0 | 50.6 | 49.2 | 44.6 | 44.5 | 40.6 | 45.7 | 44.7 |
| **schools** | **%** | Obese (≥ P95%) | 22.4 | 26.4 | 26.9 | 30.7 | 36.7 | 35.5 | 29.6 | 36.6 | 36.1 | 31.7 | 29.7 | 26.0 | 31.9 | 30.5 |
|  | **%** | Overweight (P85-95%) | 16.4 | 14.5 | 12.6 | 13.2 | 14.2 | 15.7 | 14.4 | 14.0 | 13.1 | 12.8 | 14.8 | 14.6 | 13.9 | 14.2 |
|  | **%** | Underweight (<P5%) | 2.9 | 1.4 | 1.2 | 2.1 | 2.2 | 2.8 | 2.1 | 2.0 | 3.4 | 3.9 | 2.3 | 3.3 | 3.0 | 2.4 |
| **Church** | **%** | Overweight & obese (≥P85%) | 33.1 | 36.0 | 39.8 | 42.1 | 45.0 | 49.2 | 40.9 | 51.4 | 48.8 | 46.8 | 38.7 | 40.1 | 45.3 | 43.1 |
| **schools** | **%** | Obese (≥ P95%) | 16.8 | 20.4 | 25.1 | 27.6 | 31.0 | 35.1 | 26.0 | 34.8 | 33.7 | 31.9 | 24.4 | 25.8 | 30.2 | 28.2 |
|  | **%** | Overweight (P85-95%) | 16.3 | 15.6 | 14.8 | 14.4 | 14.0 | 14.0 | 14.9 | 16.6 | 15.1 | 14.9 | 14.3 | 14.3 | 15.0 | 14.9 |
|  | **%** | Underweight (<P5%) | 2.2 | 1.7 | 2.1 | 1.3 | 2.5 | 4.2 | 2.3 | 2.5 | 4.5 | 2.6 | 2.9 | 1.8 | 2.9 | 2.6 |
| **Independent** | **%** | Overweight & obese (≥P85%) | 35.4 | 30.6 | 31.5 | 33.7 | 50.2 | 37.2 | 36.1 | 45.3 | 39.5 | 35.5 | 28.3 | 35.1 | 36.9 | 36.5 |
| **schools** | **%** | Obese (≥ P95%) | 21.5 | 16.9 | 20.7 | 20.6 | 33.2 | 23.5 | 22.5 | 31.1 | 25.6 | 24.2 | 20.0 | 16.6 | 23.7 | 23.0 |
|  | **%** | Overweight (P85-95%) | 13.9 | 13.7 | 10.7 | 13.1 | 17.0 | 13.7 | 13.6 | 14.2 | 14.0 | 11.3 | 8.3 | 18.5 | 13.2 | 13.5 |
|  | **%** | Underweight (<P5%) | 1.3 | 2.9 | 2.2 | 2.8 | 2.1 | 3.8 | 2.5 | 3.6 | 3.7 | 3.9 | 4.9 | 2.4 | 3.7 | 3.0 |
| **All males** | **n** |  | 1980 | 2140 | 2061 | 1973 | 1964 | 1900 | 12018 | 1814 | 1825 | 1902 | 1815 | 1869 | 9225 | 21243 |
| **all** | **%** | Overweight & obese (≥P85%) | 36.7 | 38.2 | 38.6 | 42.0 | 49.0 | 48.8 | 42.1 | 50.3 | 47.9 | 44.4 | 40.3 | 39.8 | 44.5 | 43.1 |
| **schools** | **%** | Obese (≥ P95%) | 20.7 | 23.5 | 25.6 | 28.5 | 34.5 | 33.9 | 27.7 | 35.2 | 33.9 | 30.9 | 26.5 | 24.9 | 30.2 | 28.8 |
|  | **%** | Overweight (P85-95%) | 16.1 | 14.7 | 13.0 | 13.5 | 14.5 | 14.9 | 14.4 | 15.1 | 14.0 | 13.5 | 13.8 | 14.9 | 14.3 | 14.4 |
|  | **%** | Underweight (<P5%) | 2.5 | 1.7 | 1.6 | 2.0 | 2.3 | 3.4 | 2.2 | 2.4 | 3.9 | 3.4 | 2.8 | 2.6 | 3.0 | 2.6 |
| **Females** |  |  | **Y1** | **Y2** | **Y3** | **Y4** | **Y5** | **Y6** | **Primary school** | **Y7** | **Y8** | **Y9** | **Y10** | **Y11** | **Secondary school** | **Total** |
| **State** | **%** | Overweight & obese (≥P85%) | 31.7 | 35.1 | 36.2 | 41.4 | 43.0 | 45.8 | 38.7 | 44.1 | 46.5 | 42.4 | 39.0 | 40.3 | 42.5 | 40.4 |
| **schools** | **%** | Obese (≥ P95%) | 16.2 | 21.0 | 22.8 | 27.0 | 29.4 | 30.1 | 24.2 | 27.9 | 29.5 | 24.7 | 23.4 | 24.0 | 25.9 | 25.0 |
|  | **%** | Overweight (P85-95%) | 15.5 | 14.1 | 13.4 | 14.4 | 13.7 | 15.7 | 14.5 | 16.3 | 17.0 | 17.8 | 15.6 | 16.3 | 16.6 | 15.4 |
|  | **%** | Underweight (<P5%) | 1.2 | 1.2 | 1.2 | 1.8 | 2.7 | 1.8 | 1.6 | 3.2 | 2.7 | 1.9 | 2.6 | 1.4 | 2.3 | 1.9 |
| **Church** | **%** | Overweight & obese (≥P85%) | 34.6 | 29.0 | 34.6 | 40.8 | 41.9 | 42.7 | 37.3 | 42.5 | 43.6 | 40.8 | 35.8 | 41.2 | 40.8 | 38.9 |
| **schools** | **%** | Obese (≥ P95%) | 16.4 | 16.9 | 20.9 | 24.5 | 26.6 | 26.9 | 22.1 | 26.4 | 27.3 | 22.8 | 18.0 | 21.2 | 23.2 | 22.6 |
|  | **%** | Overweight (P85-95%) | 18.2 | 12.1 | 13.6 | 16.4 | 15.3 | 15.9 | 15.2 | 16.1 | 16.3 | 18.0 | 17.8 | 20.1 | 17.7 | 16.3 |
|  | **%** | Underweight (<P5%) | 1.8 | 2.3 | 1.2 | 1.1 | 1.4 | 3.0 | 1.8 | 2.3 | 2.1 | 2.3 | 1.9 | 0.9 | 1.9 | 1.8 |
| **Independent** | **%** | Overweight & obese (≥P85%) | 27.2 | 21.4 | 28.4 | 29.9 | 32.5 | 32.0 | 28.4 | 33.8 | 30.1 | 28.5 | 30.3 | 28.2 | 30.4 | 29.2 |
| **schools** | **%** | Obese (≥ P95%) | 15.8 | 8.9 | 16.0 | 18.6 | 17.9 | 18.8 | 15.9 | 17.9 | 14.5 | 13.2 | 12.6 | 10.4 | 13.9 | 15.1 |
|  | **%** | Overweight (P85-95%) | 11.4 | 12.5 | 12.4 | 11.3 | 14.6 | 13.3 | 12.6 | 15.9 | 15.6 | 15.2 | 17.7 | 17.8 | 16.4 | 14.2 |
|  | **%** | Underweight (<P5%) | 3.5 | 1.3 | 2.2 | 1.5 | 0.9 | 2.8 | 2.0 | 2.0 | 5.4 | 4.6 | 1.7 | 1.2 | 3.0 | 2.4 |
| **All females** | **n** |  | 1894 | 1967 | 1989 | 1857 | 1822 | 1841 | 11370 | 1817 | 1909 | 1729 | 1747 | 1932 | 9134 | 20504 |
| **all** | **%** | Overweight & obese (≥P85%) | 32.2 | 31.6 | 34.8 | 40.0 | 41.4 | 43.3 | 37.1 | 42.4 | 43.9 | 40.6 | 36.9 | 39.6 | 40.7 | 38.7 |
| **schools** | **%** | Obese (≥ P95%) | 16.2 | 18.3 | 21.4 | 25.2 | 27.1 | 27.8 | 22.6 | 26.3 | 27.3 | 23.0 | 20.3 | 21.9 | 23.8 | 23.1 |
|  | **%** | Overweight (P85-95%) | 15.9 | 13.3 | 13.4 | 14.8 | 14.4 | 15.5 | 14.5 | 16.2 | 16.6 | 17.6 | 16.6 | 17.7 | 16.9 | 15.6 |
|  | **%** | Underweight (<P5%) | 1.6 | 1.6 | 1.3 | 1.5 | 2.0 | 2.3 | 1.7 | 2.8 | 2.7 | 2.3 | 2.2 | 1.2 | 2.2 | 2.0 |
| **Both sexes** |  | Year | **Y1** | **Y2** | **Y3** | **Y4** | **Y5** | **Y6** | **Total Primary schools** | **Y7** | **Y8** | **Y9** | **Y10** | **Y11** | **Total Secondary schools** | **Total** |
| **all** | **n** | Males & Females | 3874 | 4107 | 4050 | 3830 | 3786 | 3741 | 23388 | 3631 | 3734 | 3631 | 3562 | 3801 | 18359 | 41747 |
| **schools** | **n** | Overweight & obese (≥P85%) | 1336 | 1439 | 1487 | 1571 | 1717 | 1726 | 9276 | 1683 | 1712 | 1546 | 1377 | 1509 | 7827 | 17103 |
|  | **n** | Obese (≥ P95%) | 716 | 863 | 953 | 1030 | 1171 | 1156 | 5889 | 1115 | 1139 | 985 | 836 | 888 | 4963 | 10852 |
|  | **n** | Overweight (P85-95%) | 620 | 576 | 534 | 541 | 546 | 570 | 3387 | 568 | 573 | 561 | 541 | 621 | 2864 | 6251 |
|  | **n** | Underweight (<P5%) | 80 | 67 | 59 | 67 | 82 | 107 | 462 | 94 | 123 | 104 | 90 | 73 | 484 | 946 |
|  | **%** | Overweight & obese (≥P85%) | 34.5 | 35.0 | 36.7 | 41.0 | 45.4 | 46.1 | 39.7 | 46.4 | 45.8 | 42.6 | 38.7 | 39.7 | 42.6 | 41.0 |
|  | **%** | Obese (≥ P95%) | 18.5 | 21.0 | 23.5 | 26.9 | 30.9 | 30.9 | 25.2 | 30.7 | 30.5 | 27.1 | 23.5 | 23.4 | 27.0 | 26.0 |
|  | **%** | Overweight (P85-95%) | 16.0 | 14.0 | 13.2 | 14.1 | 14.4 | 15.2 | 14.5 | 15.6 | 15.3 | 15.5 | 15.2 | 16.3 | 15.6 | 15.0 |
|  | **%** | Underweight (<P5%) | 2.1 | 1.6 | 1.5 | 1.7 | 2.2 | 2.9 | 2.0 | 2.6 | 3.3 | 2.9 | 2.5 | 1.9 | 2.6 | 2.3 |

Footnote: Y1 denotes Year 1 of school, mean age 5.5 years. Additional years increment by approximately one year of age, thus Y2 (year 2) has a mean age of 6.5 years.