**Supplementary Table 1: Sex-specific adjusted1 estimates for the fruit and vegetables and red and processed meat food groups by socioeconomic indicator**

|  |  |  |
| --- | --- | --- |
|  |  **Fruit and Vegetables** |  **Red and processed meat** |
|  | Men | Women | Men | Women |
|  | g/d | 95% CI | g/d | 95% CI | g/d | 95% CI | g/d | 95% CI |
| **Equivalised household income (£)**2 |  |  |  |  |  |  |  |  |
|  ≤14,999 | 277.0 | 253.5, 300.5 | 311.4 | 283.8, 338.9 | 89.4 | 82.2, 96.7 | 64.5 | 56.1, 72.8 |
|  15,000 – 24,999 | 336.7 | 310.4, 363.1 | 328.7 | 299.4 358.0 | 81.7 | 73.7, 89.7 | 61.7 | 52.7, 70.7 |
|  25,000 – 34,999 | 335.9 | 302.9, 369.0 | 354.7 | 323.4, 386.0 | 72.9 | 63.2, 82.6 | 60.2 | 50.7, 69.7 |
|  35,000 – 49,999 | 360.1 | 316.3, 403.9 | 376.2 | 341.0, 411.4 | 69.3 | 56.5, 82.2 | 57.6 | 47.1, 68.2 |
|  ≥50,000 | 374.0 | 312.7, 435.2 | 397.9 | 362.4, 433.3 | 68.1 | 50.0, 75.7 | 54.1 | 43.5, 64.8 |
| Interaction income\*sex (p) | 0.73 |  |  |  | 0.60 |  |  |  |
| **Occupational class**3 |  |  |  |  |  |  |  |  |
|  Routine | 249.0 | 214.5, 283.4 | 261.1 | 222.0, 300.2 | 100.1 | 89.7, 110.6 | 89.2 | 78.5, 100.0 |
|  Semi-routine | 264.9 | 229.0, 300.9 | 308.3 | 274.3, 342.3 | 89.2 | 78.2, 99.9 | 64.4 | 53.9, 75.0 |
|  Lower supervisory & technical | 313.8 | 276.7, 350.8 | 320.9 | 284.1, 357.7 | 89.1 | 78.2, 99.9 | 72.8 | 61.8, 83.8 |
|  Small employers | 298.9 | 261.4, 336.4 | 361.0 | 326.2, 395.8 | 99.3 | 88.5, 110.1 | 62.9 | 52.3, 73.4 |
|  Intermediate  | 272.4 | 225.9, 318.8 | 338.9 | 301.5, 376.3 | 83.9 | 69.5, 98.3 | 56.8 | 45.6, 68.1 |
|  Lower managerial & professional  | 323.0 | 297.6, 348.4 | 359.8 | 335.4, 384.2 | 78.0 | 69.4, 84.6 | 62.1 | 54.7, 69.5 |
|  Higher managerial & professional  | 352.2 | 322.3, 382.0 | 385.2 | 350.2, 420.1 | 64.7 | 55.6, 73.8 | 61.6 | 52.3, 71.9 |
| Interaction occupation\*sex (p) | 0.53 |  |  |  | 0.02 |  |  |  |
| **Highest educational level**4 |  |  |  |  |  |  |  |  |
| No qualifications | 248.9 | 196.5, 301.4 | 270.1 | 220.2, 320.1 | 95.4 | 86.4, 104.3 | 74.5 | 66.3, 82.8 |
| GCSE/equivalent | 240.6 | 175.5, 305.7 | 311.5 | 260.2, 362.8 | 91.4 | 82.9, 99.8 | 68.9 | 60.4, 77.3 |
| Further or Higher, below degree | 253.0 | 208.1, 297.9 | 347.4 | 298.5, 396.3 | 78.2 | 70.1, 86.4 | 63.5 | 55.5, 71.4 |
| Degree or higher | 377.4 | 350.1, 404.8 | 396.6 | 363.1, 430.1 | 68.1 | 60.6, 75.6 | 58.5 | 50.1, 66.9 |
| Interaction education\*sex (p) | 0.58 |  |  |  | 0.05 |  |  |  |

g/d: grams per day; 95% CI: 95% confidence intervals

1Models adjusted for age, ethnicity, total energy intake, survey year. 2Equivalisation based on modified OECD method described in Methods. 3Occupational class is of the Household Reference Person. 4Highest educational level is of the participant