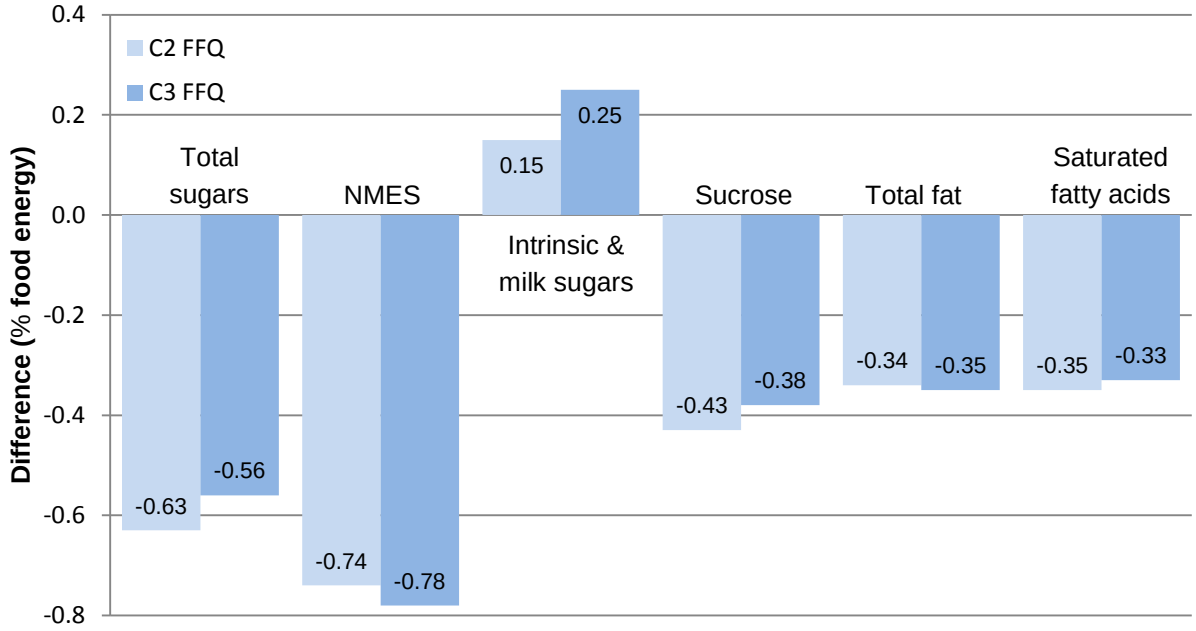
Appendix G: Comparison of estimates of nutrient intake from the 2006 and 2010 FFQ in-house calculation programmes

Changes were made as necessary to the FFQ in-house calculation programme to reflect changes in the NDNS databank as many of the previous food codes used in 2006 were no longer present in the databank. In order to check the comparability of estimates of nutrient intakes obtained using the updated programme versus the 2006 programme, a test analysis was run using each of the programmes with one measure per day entered for each item in the FFQ.

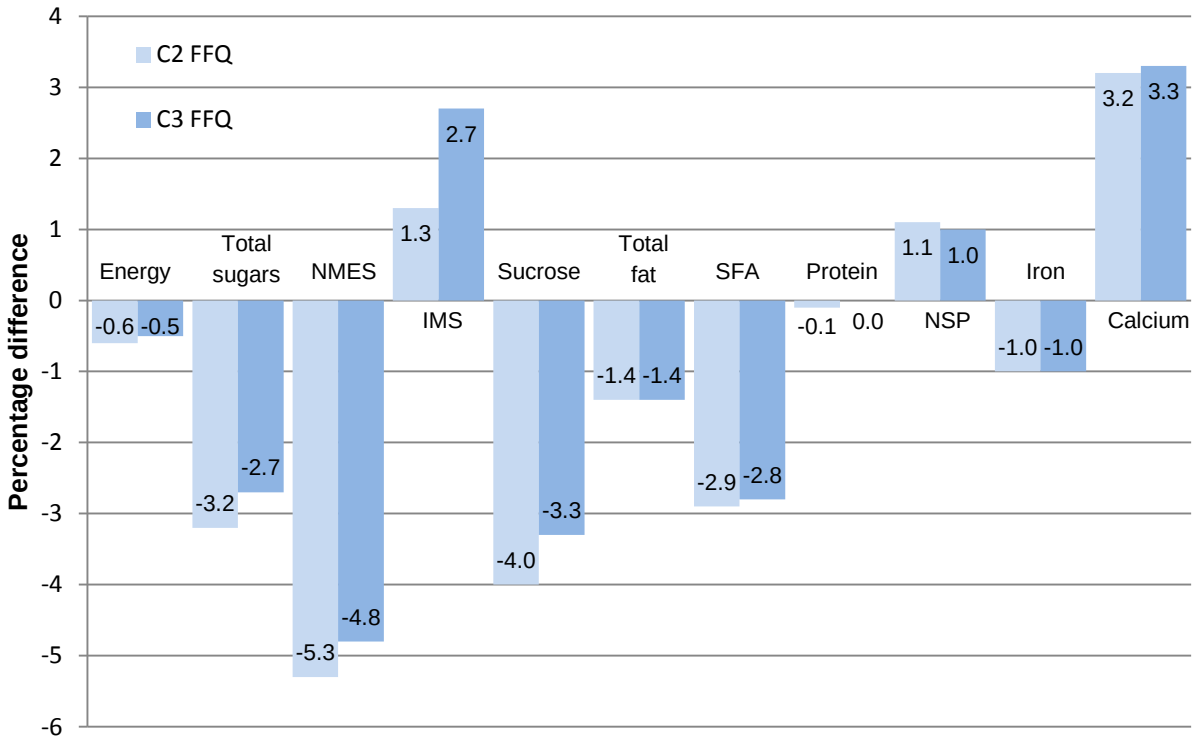
The updated programme produced slightly lower estimates of total sugars, NMES, sucrose, total fat and saturated fatty acids when expressed as a percentage of food energy (lower by 0.3-0.8% of food energy), but slightly higher estimates of intrinsic and milk sugars (higher by 0.2-0.3% of food energy) compared with the 2006 programme (Figure G1). The updated programme also produced lower estimates of energy (lower by 0.6% for C2 and 0.5% for C3) compared with the 2006 programme (Figure G2). These differences were mainly due to changes in the codes for drinking yogurts and fromage frais in section 4, pizza and quiche in section 8, smoothies and no added sugar blackcurrant diluting juice in section 11, and cereal bars in section 14.

Figure G1 Difference[1] in estimates of nutrients (% food energy) between the 2010 and 2006 in-house calculation programmes



[1]Difference = 2010 – 2006

Figure G2 Percentage difference[1] in estimates of nutrients between the 2010 and 2006 in-house calculation programmes



[1]Percentage difference = [(2010 - 2006) / 2006]*100

IMS, intrinsic & milk sugars; SFA, saturated fatty acids; NSP, non-starch polysaccharides