

Multimedia Appendix 1. Socio-demographic profile of the 2016 Health Survey for England sample (unweighted N=4539, weighted N=4380), stratified by body mass index.

	Under/normal weight	Overweight	Obese
	Weighted n (%)	Weighted n (%)	Weighted n (%)
	SE	SE	SE
<b>Age group</b>			
16-44 years	1117 (55.48)	583 (38.69)	315 (36.58)
	1.2	1.5	1.8
45-64 years	513 (25.46)	555 (36.86)	340 (39.51)
	1.0	1.3	1.7
65+ years	384 (19.05)	368 (24.45)	206 (23.91)
	0.8	1.0	1.4
<b>Sex</b>			
Women	1114 (55.35)	622 (41.28)	462 (53.68)
	1.3	1.4	1.8
Men	899 (44.65)	884 (58.72)	399 (46.32)
	1.3	1.4	1.8
<b>Physical activity</b>			
Active	1613 (80.11)	1131 (75.09)	548 (63.65)
	1.0	1.2	1.7
Inactive	400 (19.89)	375 (24.91)	313 (36.35)
	1.0	1.2	1.7
<b>Deprivation</b>			
Top 80%	1695 (84.20)	1210 (80.34)	634 (73.61)
	0.9	1.2	1.5
Most deprived 20%	318 (15.80)	296 (19.66)	227 (26.39)
	0.9	1.2	1.5