

eTable1 Description of sample; percentages, unless otherwise stated

	All singleton children in MCS4 N (weighted %)			Singleton children with reliable accelerometer data (≥2 days for at least ≥10 hours per day) N (weighted %)		
	Male n=6950	Female n=6731	Total n=13681	Male n=3176	Female n=3321	Total n=6497
<i>Child's ethnic group</i>						
White	5828 (85.6)	5610 (85.3)	11438 (85.4)	2795 (85.0)	2915 (85.3)	5710 (85.2)
Mixed	178 (3.1)	194 (3.3)	372 (3.3)	85 (3.5)	83 (3.0)	168 (3.2)
Indian	179 (2.1)	162 (1.8)	341 (1.9)	61 (1.8)	78 (2.2)	139 (2.0)
Pakistani	308 (3.4)	321 (3.7)	629 (3.5)	93 (4.2)	84 (3.4)	177 (3.8)
Bangladeshi	113 (1.1)	141 (1.3)	254 (1.2)	30 (1.2)	40 (1.4)	70 (1.3)
Black	221 (3.2)	193 (2.8)	414 (3.0)	71 (2.9)	71 (2.8)	142 (2.8)
Other ethnic group	121 (1.6)	106 (1.7)	227 (1.6)	41 (1.4)	49 (1.9)	90 (1.6)
<i>Maternal socioeconomic circumstances</i>						
Managerial and professional occupations	1942 (28.1)	1906 (29.6)	3848 (28.8)	1098 (28.2)	1092 (27.8)	2190 (28.0)

Intermediate occupations	1229 (18.7)	1115 (17.9)	2344 (18.3)	592 (18.6)	610 (17.9)	1202 (18.3)
Small employers and own account workers	422 (7.0)	403 (6.5)	825 (6.7)	217 (7.0)	225 (6.7)	442 (6.8)
Lower supervisory and technical occupations	293 (4.5)	296 (4.6)	589 (4.6)	138 (5.0)	150 (5.5)	288 (5.2)
Semi-routine and routine occupations	2263 (35.8)	2197 (34.8)	4460 (35.3)	893 (34.7)	972 (35.2)	1865 (34.9)
Never worked and long-term unemployed	426 (6.0)	466 (6.6)	892 (6.3)	118 (6.5)	150 (7.0)	268 (6.7)
<i>Lone parenthood</i>						
No	5530 (77.9)	5375 (78.9)	10905 (78.4)	2718 (78.3)	2818 (77.7)	5536 (78.0)
Yes	1420 (22.1)	1356 (21.1)	2776 (21.6)	458 (21.7)	503 (22.3)	961 (22.0)
<i>No. children in the household</i>						
Only child	903 (13.2)	868 (13.4)	1771 (13.3)	340 (11.7)	386 (13.0)	726 (12.4)
At least one other child	6047 (86.8)	5863 (86.6)	11910 (86.7)	2836 (88.3)	2935 (87.0)	5771 (87.6)
<i>Country of residence</i>						
England	4451 (63.9)	4335 (64.6)	8786 (64.2)	2064 (64.7)	2140 (65.2)	4204 (65.0)

Wales	1015 (14.8)	930 (13.6)	1945 (14.2)	450 (14.8)	448 (13.3)	898 (14.0)
Scotland	809 (11.3)	790 (12.0)	1599 (11.6)	363 (11.1)	398 (11.9)	761 (11.5)
Northern Ireland	675 (10.0)	676 (9.8)	1351 (9.9)	299 (9.4)	335 (9.6)	634 (9.5)

Missing data: Child's ethnic group, 6 for all children in MCS4 and 1 for children with activity data; Maternal socioeconomic class, 723 for all children in MCS4 and 259 for children with activity data.