

Supplemental Table 2: Trend in prevalence of weight loss attempts from 1997-98 to 2015-16

			1997-98 (n=6,300)			2002, 2005-06 (n=7,694)			2007-08 (n=7,745)			2009-10 (n=4,694)			2011-12 (n=1,520)			
			n	%	SE	n	%	SE	n	%	SE	n	%	SE	n	%	SE	
BMI category	Age group	Total	6,300	21.4	0.5	7,694	26.2	0.7	7,745	26.0	0.5	4,694	25.0	0.7	1,520	28.1	1.3	
		8-12 years	4,286	18.0	0.6	5,111	22.8	0.9	5,813	25.0	0.6	3,508	22.9	0.7	1,106	27.2	1.5	
		13-17 years	2,014	28.7	1.0	2,583	33.4	1.4	1,932	28.6	1.1	1,186	30.8	1.4	414	30.3	2.5	
	8-12 years	Thinness	95	1.7	1.2	80	0.0	0	106	1.7	1.2	102	1.9	1.3	14	0.0	0.0	
		Normal	2,104	5.6	0.5	2,129	5.9	0.9	2,329	6.9	0.5	1,442	6.8	0.8	651	9.6	1.3	
		Overweight	711	11.6	1.3	837	12.9	1.6	940	18.7	1.4	591	16.2	1.5	237	45.5	3.7	
		Obesity	1,088	39.8	1.7	1,504	42.5	1.9	1,764	44.7	1.3	965	42.8	1.6	144	80.9	3.5	
		13-17 years	Thinness	1	0.0	0.0	2	0.0	0	0	0.0	0	0	0.0	0.0	7	0.0	0.0
			Normal	121	0.7	0.7	103	0.0	0	139	2.1	1.2	78	0.0	0.0	224	15.2	2.5
	Overweight		276	2.2	0.9	340	3.0	0.9	311	4.5	1.4	197	4.3	1.4	72	57.5	5.9	
	8-12 years	Obesity	1,229	27.0	1.3	1,541	31.1	1.7	1,072	26.7	1.4	658	31.4	1.9	26	81.7	7.5	
		Boys	Boys	2,170	15.2	0.8	2,582	19.9	1.1	2,922	23.6	0.9	1,835	21.3	1.0	555	23.6	2.0
			Girls	2,116	20.9	0.9	2,529	25.7	1.3	2,891	26.5	0.9	1,673	24.4	1.1	603	30.7	2.2
		13-17 years	Boys	977	15.6	1.2	1,240	19.7	1.8	979	19.5	1.3	575	19.5	1.7	204	20.9	3.0
			Girls	1,037	41.3	1.6	1,343	46.5	2	959	38.3	1.6	611	42.4	2.2	158	42.7	4.1
		Ethnicity	8-12 years	White	3,840	17.2	0.7	4,534	22.4	0.9	4,915	24.1	0.7	2,986	21.9	0.8	933	25.1
	Asian			235	23.3	2.7	276	29.5	3.9	418	31.5	2.6	251	26.1	2.9	112	34.1	5.0
Black	96			26.8	4.7	143	24.2	5.3	221	31.0	3.7	113	35.7	4.8	55	39.5	6.0	
13-17 years	Other&Mixed		115	23.9	4.0	158	21.5	5	259	23.1	2.8	158	24.9	3.6	58	32.0	6.2	
	White		1,821	28.6	1.1	2,269	32.4	1.5	1,671	27.4	1.1	1,032	30.5	1.5	306	28.9	2.7	
	Asian		115	31.9	3.8	160	36.6	5.3	124	35.7	4.5	70	34.2	5.8	29	35.8	9.7	
	Black		44	25.4	6.0	83	52.6	8.5	66	34.3	6.1	38	28.8	8.4	12	26.2	14.0	
	Other&Mixed		34	30.1	7.1	71	35.0	10.4	71	35.3	5.6	46	34.0	7.4	15	46.1	13.7	

Q1(\leq GBP11,676.65), Q2($>$ GBP11,676.65 \leq GBP19,117.65), Q3($>$ GBP19,117.65 \leq GBP27,704.92), Q4($>$ GBP27,704.92 \leq GBP47,794.12) and Q5($>$ GBP47,794.12); n, total sample; %, proportion of weight loss attempts; Different total sample size for BMI, n=5,625 (1997-98), n=6,536 (2002,2005-06), n=6,661 (2007-08), n=4,033 (2009-10), n=1,375 (2011-12), n=749 (2013-14), n=5,064 (2015-16)

Continued Supplemental Table 2

			1997-98 (n=6,300)			2002, 2005-06 (n=7,694)			2007-08 (n=7,745)			2009-10 (n=4,694)			2011-12 (n=1,520)		
			n	%	SE	n	%	SE	n	%	SE	n	%	SE	n	%	SE
Household income level	8-12 years	Q1	1,007	18.9	1.3	1,088	23.5	1.9	1,109	28.7	1.5	665	24.7	1.8	201	35.8	3.9
		Q2	662	18.4	1.5	911	26.3	2.1	1,057	25.5	1.4	679	23.2	1.7	251	24.6	2.9
		Q3	861	17.9	1.3	996	21.5	2	1,052	24.1	1.4	598	24.1	1.8	169	27.4	3.7
		Q4	772	17.2	1.5	865	21.3	2.1	945	23.9	1.5	595	20.2	1.8	210	22.1	3.1
		Q5	560	16.6	1.6	649	17.0	2.1	756	19.0	1.5	462	21.0	1.9	171	28.5	4.5
	13-17 years	Q1	398	31.5	2.4	465	32.4	3.4	355	31.8	2.5	221	35.0	3.4	62	30.6	5.8
		Q2	335	28.7	2.5	476	31.0	2.8	347	29.4	2.5	221	36.3	3.5	77	26.8	5.3
		Q3	410	27.2	2.2	469	39.1	3.9	354	27.2	2.4	204	31.9	3.5	56	25.4	5.8
		Q4	366	27.7	2.5	407	29.0	3.2	313	27.4	2.6	182	24.2	3.2	63	31.0	5.7
		Q5	279	28.3	2.8	302	33.2	3.3	229	20.3	2.8	159	25.0	3.5	49	33.5	6.9

Q1(\leq GBP11,676.65), Q2($>$ GBP11,676.65 \leq GBP19,117.65), Q3($>$ GBP19,117.65 \leq GBP27,704.92), Q4($>$ GBP27,704.92 \leq GBP47,794.12) and Q5($>$ GBP47,794.12); n, total sample; %, proportion of weight loss attempts; Different total sample size for household income level, n=5,650 (1997-98), n=6,628 (2002,2005-06), n=6,517 (2007-08),n=4,694 (2009-10), n=1,309 (2011-12), n=776 (2013-14), n=4,468 (2015-16)

Supplemental Table 2: Trend in prevalence of weight loss attempts from 1997-98 to 2015-16

			2013-14 (n=850)			2015-16 (n=5,432)			Absolute difference*	
			n	%	SE	n	%	SE	%	P-value
	Total		850	24.0	1.6	5,432	26.4	1.0	5.00	0.001*
BMI category	Age group	8-12 years	635	19.7	1.8	3,190	20.3	1.2	2.30	0.162
		13-17 years	215	30.7	2.7	2,242	33.7	1.5	5.00	0.038*
	8-12 years	Thinness	6	0.0	0	26	0.0	0.0	-1.70	0.661
		Normal	357	9.2	1.6	1,692	6.4	1.0	0.80	0.104
		Overweight	143	35.5	4.2	782	30.7	2.7	19.10	0.000*
		Obesity	73	63.4	6.1	486	53.4	4.1	13.60	0.000*
	13-17 years	Thinness	1	0.0	0	48	0.0	0.0	0.00	NA
		Normal	126	13.8	3.1	1,332	21.2	1.8	20.50	0.000*
Overweight		50	57.8	7.1	458	52.2	3.6	50.00	0.000*	
Obesity		20	65.9	11.7	240	78.0	4.2	51.00	0.000*	
Gender	8-12 years	Boys	323	20.1	2.3	1,584	19.8	1.6	4.60	0.025*
		Girls	312	23.6	2.5	1,606	20.8	1.7	-0.10	0.879
	13-17 years	Boys	94	18.9	4.2	1,034	22.0	2.1	6.40	0.035*
		Girls	121	41.9	4.5	1,208	45.3	2.2	4.00	0.255
Ethnicity	8-12 years	White	533	20.3	1.9	2,414	16.3	1.1	-0.90	0.472
		Asian	45	27.2	6	358	34.6	4.6	11.30	0.094
		Black	24	26.7	1.1	160	30.4	6.4	3.60	0.530
		Other&Mixed	33	31.6	8.5	258	27.0	4.4	3.10	0.285
	13-17 years	White	173	30.4	3.6	1,700	31.2	1.8	2.60	0.394
		Asian	21	27.0	9.9	254	45.6	4.9	13.70	0.049*
		Black	13	33.2	14.6	132	43.3	6.8	17.90	0.427
		Other&Mixed	8	36.8	17.2	156	31.1	5.4	1.00	0.779

*Absolute difference (%), 2015-16 – 1997-98; Q1(\leq GBP11,676.65), Q2($>$ GBP11,676.65 \leq GBP19,117.65), Q3($>$ GBP19,117.65 \leq GBP27,704.92), Q4($>$ GBP27,704.92 \leq GBP47,794.12) and Q5($>$ GBP47,794.12); n, total sample; %, proportion of weight loss attempts; Different total sample size for BMI, n=5,625 (1997-98), n=6,661 (2007-08), n=1,375 (2011-12), n=5,064 (2015-16)

Continued Supplemental Table 2

			2013-14 (n=850)			2015-16 (n=5,432)			Absolute difference*	
			n	%	SE	n	%	SE	%	P-value
Household income level	8-12 years	Q1	149	26.6	3.7	600	24.0	2.7	5.10	0.024*
		Q2	110	25.1	4.1	560	18.3	2.5	-0.10	0.501
		Q3	113	20.8	4.3	584	18.9	2.5	1.00	0.623
		Q4	92	21.8	4.5	484	14.6	2.5	-2.60	0.401
		Q5	93	10.7	3.4	466	20.3	3.0	3.70	0.169
	13-17 years	Q1	47	37.4	7.7	462	37.0	3.4	5.50	0.160
		Q2	40	26.3	7.4	302	42.9	4.9	14.20	0.015*
		Q3	44	26.2	6.7	324	37.1	3.9	9.90	0.221
		Q4	40	36.4	8.1	354	29.8	3.9	2.10	0.581
		Q5	21	17.4	8.1	332	27.7	4.0	-0.60	0.802

*Absolute difference (%), 2015-16 – 1997-98; Q1(\leq GBP11,676.65), Q2($>$ GBP11,676.65 \leq GBP19,117.65), Q3($>$ GBP19,117.65 \leq GBP27,704.92), Q4($>$ GBP27,704.92 \leq GBP47,794.12) and Q5($>$ GBP47,794.12); n, total sample; %, proportion of weight loss attempts; Different total sample size for household income level, n=5,650 (1997-98), n=6,517 (2007-08), n=1,309 (2011-12), n=4,468 (2015-16)