

DIRECT (NON-MODEL BASED) ESTIMATES

PREVALENCE OF OBESITY (ADULTS)

MEAN AND AGE STANDARDISED MEAN (95% CONFIDENCE LIMITS) BY SEX, 2003-2005

(LCL = lower confidence interval; UCL = upper confidence interval)

HSIE half years (2005 and 2004) weighted by a factor of 2

E&W	ENGLAND AND WALES	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05	2003-05								
		MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES	MALES							
ENG	ENGLAND	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL		
				11340	23.17	22.36	23.98	22.41	21.60	23.21	13634	24.01	23.20	24.82	23.35	22.55	24.15	24974	23.63	23.02	24.25	22.90	22.29	23.50							
GOVERNMENT OFFICE REGIONS																															
A	NORTH EAST	695	24.27	20.88	27.65	24.31	20.57	28.04	868	25.95	23.04	28.85	25.02	22.08	27.96	1563	25.20	22.70	27.70	24.68	22.06	27.30									
B	NORTH WEST	1512	23.45	21.13	25.76	22.38	20.10	24.65	1834	25.32	23.27	27.37	24.53	22.57	26.49	3346	24.48	22.79	26.17	23.49	21.85	25.14									
D	YORKSHIRE AND THE HUMBER	1141	23.64	21.25	26.02	22.76	20.34	25.18	1420	24.44	21.95	26.92	23.93	21.47	26.39	2561	24.08	22.24	25.92	23.37	21.54	25.19									
E	EAST MIDLANDS	1128	24.49	21.80	27.19	22.74	21.05	26.43	1296	26.59	24.25	28.93	25.57	23.21	27.93	2424	25.61	23.73	27.49	24.69	22.80	26.57									
F	WEST MIDLANDS	1199	25.44	23.06	27.81	24.73	22.38	27.07	1516	27.33	24.73	29.93	27.12	24.51	29.74	2715	26.50	24.59	28.41	25.97	24.08	27.86									
G	EAST OF ENGLAND	1375	25.22	22.91	27.53	24.39	22.10	26.68	1560	24.49	22.13	26.85	23.77	21.39	26.16	2935	24.83	23.04	26.62	24.07	22.30	25.84									
H	LONDON	1305	17.63	15.39	19.88	17.56	15.26	19.85	1573	19.10	16.94	21.26	19.84	17.48	22.20	2878	18.44	16.78	20.10	18.74	16.97	20.51									
J	SOUTH EAST	1852	22.03	19.96	24.09	20.78	18.73	22.83	2215	21.93	19.86	23.99	20.70	18.65	22.75	4067	21.97	20.45	23.49	20.74	19.28	22.20									
K	SOUTH WEST	1133	23.60	21.24	25.97	22.34	20.10	24.57	1352	22.94	20.53	25.35	22.90	20.34	25.45	2485	23.24	21.47	25.02	22.63	20.82	24.44									
ONS GROUP																															
1.1	REGIONAL CENTRES	876	21.91	19.26	24.57	22.19	19.48	24.89	1120	21.46	18.83	24.09	21.42	18.74	24.10	1996	21.66	19.65	23.68	21.79	19.76	23.82									
1.2	CENTRES WITH INDUSTRY	1260	23.66	21.09	26.22	23.37	20.75	25.98	1573	25.61	23.29	27.92	25.43	23.11	27.75	2833	24.75	22.90	26.59	24.44	22.53	26.34									
1.3	THRIVING LONDON PERIPHERY	339	19.21	13.52	24.91	18.99	13.30	24.68	402	19.41	15.72	23.10	19.89	16.00	23.79	741	19.32	15.81	22.83	19.46	15.74	23.18									
2.4	LONDON SUBURBS	587	19.03	15.82	22.25	18.76	15.42	22.11	696	19.92	16.40	23.45	19.99	16.32	23.67	1283	19.52	17.02	22.01	19.40	16.78	22.02									
3.5	LONDON CENTRE	211	8.80	4.78	12.83	7.85	4.12	11.59	245	12.15	7.30	16.99	12.09	7.23	16.95	456	10.66	7.39	13.93	10.06	6.80	13.31									
4.6	LONDON COSMOPOLITAN	249	18.41	13.17	23.65	18.75	13.01	24.49	307	22.57	18.89	26.25	24.54	19.22	29.86	556	20.69	17.44	23.94	21.76	17.61	25.90									
5.7	PROSPERING SMALLER TOWNS	3036	24.13	22.50	25.76	23.27	21.62	24.91	3498	23.67	22.16	25.18	23.01	21.49	24.53	6534	23.88	22.68	25.09	23.13	21.92	24.35									
5.8	NEW AND GROWING TOWNS	721	24.84	21.46	28.21	24.23	20.85	27.61	850	27.06	23.53	30.59	26.03	22.61	29.45	1571	26.04	23.27	28.80	25.16	22.50	27.82									
5.9	PROSPERING SOUTHERN ENGLAND	1243	21.06	18.64	23.48	19.88	17.53	22.23	1452	20.96	18.39	23.52	19.86	17.33	22.39	2695	21.00	19.17	22.83	19.87	18.11	21.62									
6.1	COASTAL AND COUNTRYSIDE	904	24.67	22.17	27.17	21.86	19.61	24.11	1082	24.65	22.08	27.23	23.55	20.85	26.24	1986	24.66	22.89	26.43	22.73	20.99	24.48									
7.11	INDUSTRIAL HINTERLANDS	888	24.68	21.84	27.52	23.49	20.68	26.31	1109	26.85	24.08	29.61	26.15	23.45	28.86	1997	25.88	23.74	28.03	24.87	22.74	27.01									
7.12	MANUFACTURING TOWNS	1026	27.04	24.23	29.85	26.20	23.36	29.04	1300	29.67	27.03	32.30	28.27	25.65	30.88	2326	28.53	26.61	30.44	27.27	25.35	29.20									
STRATEGIC HEALTH AUTHORITY																															
Q30	NORTH EAST	695	24.27	20.88	27.65	24.31	20.57	28.04	868	25.95	23.04	28.85	25.02	22.08	27.96	1563	25.20	22.70	27.70	24.68	22.06	27.30									
Q31	NORTH WEST	1512	23.45	21.13	25.76	22.38	20.10	24.65	1834	25.32	23.27	27.37	24.53	22.57	26.49	3346	24.48	22.79	26.17	23.49	21.85	25.14									
Q32	YORKSHIRE AND THE HUMBER	1141	23.64	21.25	26.02	22.76	20.34	25.18	1420	24.44	21.95	26.92	23.93	21.47	26.39	2561	24.08	22.24	25.92	23.37	21.54	25.19									
Q33	EAST MIDLANDS	1128	24.49	21.80	27.19	22.74	21.05	26.43	1296	26.59	24.25	28.93	25.57	23.21	27.93	2424	25.61	23.73	27.49	24.69	22.80	26.57									
Q34	WEST MIDLANDS	1199	25.44	23.06	27.81	24.73	22.38	27.07	1516	27.33	24.73	29.93	27.12	24.51	29.74	2715	26.50	24.59	28.41	25.97	24.08	27.86									
Q35	EAST OF ENGLAND	1375	25.22	22.91	27.53	24.39	22.10	26.68	1560	24.49	22.13	26.85	23.77	21.39	26.16	2935	24.83	23.04	26.62	24.07	22.30	25.84									
Q36	LONDON	1305	17.63	15.39	19.88	17.56	15.26	19.85	1573	19.10	16.94	21.26	19.84	17.48	22.20	2878	18.44	16.78	20.10	18.74	16.97	20.51									
Q37	SOUTH EAST COAST	945	22.37	19.49	25.25	21.13	18.14	24.12	1165	21.32	18.40	24.23	20.19	17.30	23.08	2110	21.79	19.69	23.89	20.64	18.55	22.74									
Q38	SOUTH CENTRAL	907	21.67	18.68	24.65	20.41	17.50	23.31	1050	22.62	19.80	25.43	21.29	18.45	24.13	1957	22.17	20.05	24.30	20.86	18.82	22.90									
Q39	SOUTH WEST	1133	23.60	21.24	25.97	22.34	20.10	24.57	1352	22.94	20.53	25.35	22.90	20.34	25.45	2485	23.24	21.47	25.02	22.63	20.82	24.44									
STRATEGIC HEALTH AUTHORITY																															
Q01	Norfolk, Suffolk and Cambridgeshire	548	26.57	23.29	29.85	25.93	22.44	29.41	623	25.41	21.78	29.04	24.49	20.99	27.99	1171	25.96	23.24	28.67	25.18	22.52	27.84									
Q02	Bedfordshire and Hertfordshire	402	22.18	17.50	26.87	21.88	17.25	26.52	457	25.41	20.78	30.05	24.07	19.58	28.55	859	23.92	20.15	27.68	23.02	19.44	26.59									
Q03	Essex	425	26.27	22.23	30.30	25.02	21.13	28.91	480	22.44	18.53	26.35	21.57	17.65	25.49	905	24.24	21.41	27.07	23.23	20.56	25.90									
Q04	North West London	332	18.03	12.94	23.11	18.33	12.92	23.74	412	19.60	15.11	24.09	19.89	14.87	24.90	744	18.91	15.18	22.64	19.14	15.22	23.05									
Q05	North Central London	200	17.55	11.95	23.15	17.14	11.63	22.65	235	13.02	8.61	17.43	13.63	8.43	18.33	435	15.08	11.03	19.14	15.32	10.86	19.78									
Q06	North East London	336	20.29																												

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HSIE half years (2005 and 2004) weighted by a factor of 2

		2003-05 MALES			2003-05 MALES			2003-05 MALES			2003-05 FEMALE			2003-05 FEMALE			2003-05 PERSON			2003-05 PERSON		
		Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL	Base	Observed Percent	LCL	UCL	Standardised Percent	LCL	UCL
Q24	Trent	720	26.97	23.64	30.31	25.93	22.52	29.35	879	26.16	23.17	29.16	25.10	22.02	28.18	1599	26.53	24.10	28.96	25.50	23.03	27.97
	Leicestershire, Northamptonshire and Rutland	408	20.23	16.27	24.18	19.83	15.82	23.84	417	27.49	23.25	31.74	27.02	22.53	31.52	825	23.87	20.89	26.85	23.56	20.36	26.76
Q26	Shropshire and Staffordshire	350	22.18	17.81	26.55	20.68	16.49	24.88	465	26.58	22.17	30.99	26.20	21.72	30.68	815	24.69	21.38	28.00	23.55	20.34	26.75
Q27	Birmingham and the Black Country	448	27.49	23.96	31.02	26.71	23.33	30.10	575	28.16	23.73	32.69	27.96	23.34	32.58	1023	27.86	24.54	31.19	27.36	24.09	30.63
Q28	West Midlands South	401	26.00	21.45	30.55	25.80	21.14	30.45	476	27.05	22.55	31.55	27.22	22.80	31.64	877	26.58	23.34	29.82	26.53	23.24	29.82
COUNTY																						
00		1910	24.05	21.82	26.28	23.41	21.21	25.62	2288	24.16	22.25	26.07	24.46	22.51	26.41	4198	24.11	22.58	25.64	23.95	22.42	25.49
01	GREATER LONDON	1305	17.63	15.39	19.88	17.56	15.26	19.85	1573	19.10	16.94	21.26	19.84	17.48	22.20	2878	18.44	16.78	20.10	18.74	16.97	20.51
02	GREATER MANCHESTER (MET COUN	553	23.94	19.79	28.09	22.89	18.81	26.96	692	24.70	20.86	28.53	23.36	19.85	26.86	1245	24.37	21.08	27.65	23.13	20.06	26.20
03	MERSEYSIDE (MET COUNTY)	265	23.30	18.17	28.43	23.58	18.10	29.06	331	24.02	19.27	28.76	23.23	18.58	27.88	596	23.70	20.19	27.21	23.40	19.82	26.98
04	SOUTH YORKSHIRE (MET COUNTY)	291	21.56	16.40	26.72	22.84	17.68	28.01	345	27.04	21.58	32.49	25.24	20.11	30.37	636	24.59	20.04	29.14	24.09	19.61	28.56
05	TYNE AND WEAR (MET COUNTY)	273	24.39	19.98	28.80	22.86	18.48	27.25	358	23.94	19.94	27.95	23.51	19.07	27.95	631	24.13	20.73	27.54	23.20	19.66	26.73
06	WEST MIDLANDS (MET COUNTY)	539	26.99	23.66	30.31	26.28	23.10	29.46	676	28.90	24.71	33.08	28.99	24.80	33.19	1215	28.06	25.07	31.04	27.69	24.78	30.60
07	WEST YORKSHIRE (MET COUNTY)	452	22.04	18.49	25.59	21.23	17.51	24.95	571	23.59	20.16	27.03	22.62	19.21	26.04	1023	22.91	20.41	25.40	21.95	19.38	24.52
09	Bedfordshire County	116	19.08	11.49	26.66	17.94	10.60	25.29	124	28.65	19.62	37.68	24.36	15.67	33.05	240	24.02	16.59	31.46	21.27	14.04	28.51
11	Buckinghamshire County	103	22.88	14.46	31.29	18.36	11.40	25.31	131	18.42	10.62	26.22	13.91	7.32	20.49	234	20.41	15.27	25.54	16.03	11.67	20.39
12	Cambridgeshire County	145	25.24	18.66	31.82	26.69	19.38	34.00	166	23.33	16.83	29.84	22.07	14.90	29.24	311	24.22	19.04	29.40	24.28	18.64	29.91
13	Cheshire County	182	19.55	13.98	25.12	17.71	12.59	22.83	203	25.50	17.85	33.16	23.25	16.70	29.80	385	22.70	17.91	27.48	20.58	16.64	24.53
15	Cornwall and Isles of Scilly	115	23.84	17.29	30.38	19.09	13.47	24.70	129	24.06	16.90	31.23	24.65	14.54	34.75	244	23.96	19.55	28.36	21.99	15.83	28.15
16	Cumbria County	153	25.00	18.34	31.66	25.23	17.43	33.04	168	30.08	24.34	35.83	30.08	23.54	36.63	321	27.61	22.87	32.35	27.75	21.85	33.65
17	Derbyshire County	228	28.57	23.24	33.90	26.58	20.29	32.87	270	28.78	23.50	34.06	27.76	21.85	33.68	498	28.69	24.54	32.84	27.19	22.51	31.88
18	Devon County	157	27.65	21.47	33.83	26.33	19.68	32.98	182	19.92	15.15	24.70	19.38	13.70	25.06	339	23.43	19.55	27.31	22.72	18.72	26.72
19	Dorset County	89	19.84	11.52	28.16	16.77	6.63	26.92	112	20.13	11.15	29.10	27.95	15.69	40.21	201	20.00	14.13	25.87	22.50	14.29	30.71
20	Durham County	156	26.72	20.42	33.03	24.23	16.56	31.90	178	24.03	18.03	30.03	24.09	17.88	30.30	334	25.31	20.04	30.57	24.16	18.53	29.78
21	East Sussex County	92	23.57	16.37	30.77	24.77	11.11	38.43	135	25.13	18.48	31.77	25.21	17.62	32.79	227	24.48	19.57	29.40	25.00	17.41	32.58
22	Essex County	365	28.23	24.06	32.41	26.70	22.75	30.64	422	22.15	17.84	26.46	21.17	16.87	25.47	787	24.98	21.93	28.03	23.83	20.95	26.71
23	Gloucestershire County	109	24.50	18.31	30.70	23.48	16.41	30.55	134	24.06	17.97	30.16	24.90	17.79	32.01	243	24.26	21.07	27.45	24.21	20.32	28.10
24	Hampshire County	297	15.58	11.76	19.39	14.14	10.44	17.84	334	22.87	19.14	26.61	22.43	18.04	26.81	631	19.42	16.78	22.07	18.44	15.83	21.06
26	Hertfordshire County	222	25.00	18.19	31.81	24.80	18.28	31.31	276	24.32	17.92	30.71	24.09	18.10	30.08	498	24.62	19.43	29.81	24.44	19.62	29.26
29	Kent County	291	21.95	16.22	27.67	19.50	13.83	25.16	364	24.60	18.39	30.81	23.49	17.52	29.46	655	23.43	18.98	27.88	21.57	17.39	25.75
30	Lancashire County	247	25.78	19.73	31.83	24.13	18.26	30.00	303	27.60	23.05	32.16	27.46	22.83	32.09	550	26.79	22.76	30.82	25.86	21.72	29.99
31	Leicestershire County	141	19.14	13.88	24.39	19.20	13.06	25.34	149	30.33	22.40	38.26	29.68	21.13	38.23	290	24.76	20.03	29.49	24.67	19.29	30.05
32	Lincolnshire County	177	24.82	17.42	32.22	23.27	16.18	30.36	204	27.81	22.28	33.35	25.20	19.43	30.97	381	26.38	21.29	31.47	24.26	19.03	29.48
33	Norfolk County	195	26.53	20.85	32.21	27.46	21.80	33.12	231	28.40	22.65	34.15	25.33	19.90	30.75	426	27.53	23.16	31.90	26.35	22.45	30.25
34	Northamptonshire County	192	21.99	15.72	28.26	20.11	14.14	26.09	185	28.32	23.07	33.57	28.35	22.25	34.45	377	25.09	20.71	29.47	24.43	20.16	28.70
35	Northumberland County	114	19.77	14.75	24.79	18.60	13.60	23.61	139	31.47	23.57	39.37	30.09	22.66	37.52	253	26.02	21.66	30.37	24.60	20.38	28.82
36	North Yorkshire County	106	25.15	17.66	32.64	23.83	15.69	31.97	125	23.35	14.65	32.05	23.28	13.11	33.46	231	24.17	17.80	30.53	23.55	16.62	30.48
37	Nottinghamshire County	189	26.42	20.09	32.74	24.04	17.52	30.56	247	21.31	15.64	26.97	20.57	14.85	26.29	436	23.50	18.73	28.27	22.24	17.39	27.09
38	Oxfordshire County	165	26.29	18.46	34.13	25.44	17.09	33.79	171	21.24	12.35	30.12	24.25	11.93	36.57	336	23.73	17.33	30.13	24.81	16.55	33.07
39	Shropshire County	83	21.85	14.36	29.33	19.82	10.66	28.99	100	23.08	18.26	27.89	24.16	15.91	32.41	183	22.52	19.74	25.30	22.04	18.55	25.54
40	Somerset County	127	20.31	12.64	27.99	16.44	9.08	23.81	167	23.02	16.33	29.70	25.97	17.28	34.67	294	21.85	17.36	26.33	21.39	15.71	27.07
41	Staffordshire County	178	22.43	15.61	29.25	19.18	13.16	25.19	252	25.46	18.93	31.99	23.35	17.15	29.56	430	24.22	18.67	29.77	21.34	16.42	26.26
42	Suffolk County	178	26.89	21.30	32.49	25.30	19.42	31.18	195	26.04	19.61	32.48	23.87	18.12	29.62	373	26.45	21.66	31.24	24.56	20.28	28.84
43	Surrey County	284	21.72	16.26	27.17	21.49	15.81	27.17	328	19.16	14.79	23.54	18.26	13.78	22.74	612	20.33	16.89	23.76	19.82	16.25	23.38
44	Warwickshire County	141	26.60	19.46	33.75	26.38	18.76	34.01	170	27.56	22.15	32.97	28.57	21.92	35.22	311	27.13	22.35	31.92	27.51	21.78	33.25
45	West Sussex County	194	23.65	18.18	29.12	23.29	17.90	28.68	233	19.88	14.17	25.60	20.33	13.42	27.24	427	21.62	17.54	25.69	21.75	17.01	26.49
46	Wiltshire County	86	22.88	14.00	31.76	21.40	13.80	28.99	104	18.95	9.25	28.66	20.49	9.91	31.08	190	20.66	11.73	29.60	20.93	12.42	29.44
47																						