

**Additional compendium to accompany the  
Director of Public Health Annual Report 2005**

Table 1

Population by Electoral Ward (2004 Wards)

	All people	Males	Females
Astley Bridge	12734	6150	6584
Bradshaw	12254	5910	6344
Brightmet	13659	6632	7027
Bromley Cross	12813	6240	6573
Crompton	13695	6613	7082
Farnworth	15159	7268	7891
Great Lever	13148	6460	6688
Halliwell	11969	5890	6079
Harper Green	13609	6660	6949
Heaton and Lostock	13435	6502	6933
Horwich and Blackrod	12698	6142	6556
Horwich North East	11914	5896	6018
Hulton	12824	6209	6615
Kearsley	13248	6423	6825
Little Lever and Darcy Lever	12307	6107	6200
Rumworth	13979	6896	7083
Smithills	13733	6664	7069
Tonge with the Haulgh	12815	6146	6669
Westhoughton North and Chew Moor	12305	6043	6262
Westhoughton South	12739	6250	6489
 Bolton	 261037	 127101	 133936

Source: Office for National Statistics, 2001 Census of Population

Table 2

Population age and sex structure

Age Range	Total	Bolton		North West	England & Wales	
		%	Males			Females
0 - 4	16786	6.4	8626	8160	5.9	5.9
5 - 9	17819	6.8	9074	8745	6.5	6.4
10 - 14	18380	7.0	9119	9261	6.9	6.6
15 - 19	16863	6.5	8793	8070	6.5	6.2
20 - 24	14821	5.7	7320	7501	5.8	6.0
25 - 29	17472	6.7	8721	8751	6.2	6.6
30 - 34	19965	7.6	9813	10152	7.4	7.7
35 - 39	20078	7.7	9803	10275	7.7	7.9
40 - 44	17680	6.8	8595	9085	7.0	7.0
45 - 49	16169	6.2	8171	7998	6.4	6.3
50 - 54	18271	7.0	9084	9187	7.0	6.9
55 - 59	15139	5.8	7681	7458	5.7	5.7
60 - 64	12654	4.8	6262	6392	5.1	4.9
65 - 69	10721	4.1	5143	5578	4.5	4.4
70 - 74	9660	3.7	4299	5361	4.0	4.0
75 - 79	8744	3.3	3624	5120	3.4	3.4
80 - 84	5324	2.0	1834	3490	2.2	2.3
85 - 89	3035	1.2	839	2196	1.2	1.3
90 and over	1454	0.6	298	1156	0.6	0.6
Totals	261035		127099	133936		

Source: Office for National Statistics, 2001 Census of Population

Table 3

Standardised Mortality Ratios (SMR and 95% confidence intervals (CI)) for main causes of death (2002-04)

Cause of death	Male		Bolton Female		Total	
	SMR	95% CI	SMR	95% CI	SMR	95% CI
All causes	116	112-119	116	113-119	116	113-118
All cancers (ICD-10 C00-C97)	102	96-109	104	98-111	103	99-108
Female breast cancer (ICD-10 C50)	na		101	86-117	na	
Colorectal cancer (ICD-10 C17-C21)	110	91-132	95	77-117	103	90-118
Lung cancer (ICD-10 C33-34)	112	99-126	113	98-131	112	102-123
Prostate cancer (ICD-10 C61)	93	76-111	na		na	
All circulatory disease (ICD-10 I00-I99)	119	114-126	123	117-129	121	117-125
Coronary heart disease (ICD-10 I20-I25)	129	121-137	131	122-140	130	124-136
Stroke (ICD-10 60-69)	124	111-138	131	121-142	128	121-137
Pneumonia (ICD-10 J12-J18)	152	133-172	137	124-152	143	132-154
Bronchitis and emphysema (ICD-10 J40-J43)	68	33-126	121	63-212	90	56-136
Chronic liver disease including cirrhosis (ICD-10 K70, K73-4)	152	120-189	135	97-184	146	121-174
Accidents (ICD-10 V01-X59)	134	111-161	93	71-119	116	99-134
Suicide and injury undetermined (ICD-10 X60-X84, Y10-Y34 excl. Y33.9)	112	85-145	71	38-122	101	79-128

Standardised Mortality Ratios (SMR) are a way of comparing deaths rates in a particular area with a national standard. The SMR for England & Wales is 100 and so an area with an SMR of 130 is said to have a mortality rate 30% higher than the national average (after accounting for differences in the age structure of each population).

The 95% Confidence Intervals (CI) indicate the range within which the true rate has a 95% chance of falling.

Source: Compendium of Clinical and Health Indicators 2006 (Crown Copyright)

Table 4

Number of deaths from selected causes by gender 2004

ICD-10 code	Cause	Males		Females		Total	
		Number of deaths	% of all deaths	Number of deaths	% of all deaths	Number of deaths	% of all deaths
C00-C97	All cancers	318	25.3	293	19.7	611	22.3
C15-C26	Cancer of the digestive organs	90	7.2	77	5.3	167	6.1
C18-C21	Colorectal cancer	42	3.3	31	2.1	73	2.7
C33-C34	Lung cancer	68	5.4	60	4.0	128	4.7
C50	Breast cancer	0		48	3.2	48	1.7
C61	Prostate cancer	42	3.3	na	na	42	1.5
	Other cancers	76	6.0	77	5.2	153	5.6
I00-I99	All circulatory diseases	482	38.3	550	37.0	1032	37.6
I20-I25	Ischaemic heart disease	298	23.7	250	16.8	548	20.0
I60-I69	Cerebrovascular disease	105	8.3	196	13.2	301	11.0
	Other circulatory disease	79	6.3	104	7.0	183	6.7
J00-J99	Respiratory diseases	196	15.6	264	17.8	460	16.8
J12-J18	Pneumonia	85	6.8	135	9.1	220	8.0
J40-J44	Bronchitis, emphysema and othe	70	5.6	72	4.8	142	5.2
	Other respiratory diseases	41	3.3	57	3.8	98	3.6
K00-K93	Diseases of the digestive system	80	6.4	95	6.4	175	6.4
V01-X59	Accidents	38	3.0	28	1.9	66	2.4
	Other causes	144	11.4	257	17.3	401	14.6
	All causes	1258		1487		2745	

The figures above exclude deaths aged under 28 days.

Source: ONS Vital Statistics Table VS3

The remaining maps are drawn from data found in the excellent publication 'Where wealth means health – illustrating inequality in the North West', produced by the North West Public Health Observatory. The full report, and further data can be found at <http://www.nwpho.org.uk/inequalities/index.htm>T.

The maps show standardised mortality ratio data for Bolton middle level Super Output Areas. It is important to note that the data contained here (unlike table 3) is presented as a standardised ratio against a North West average rather than a national average.

Figure 1 Mortality – all causes

Figure 2 Mortality – circulatory disease

Figure 3 Mortality – all neoplasms

Figure 1

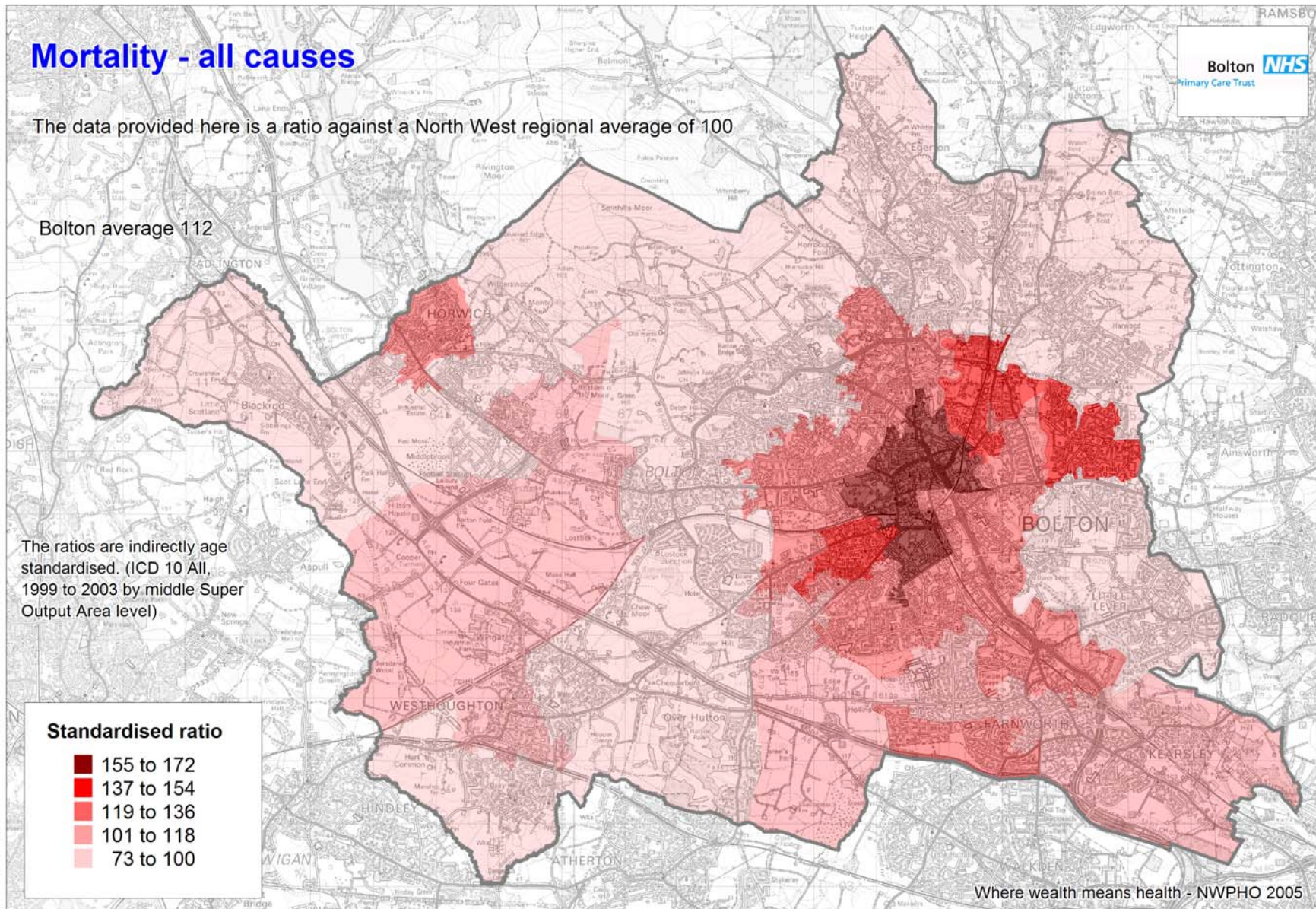


Figure 2

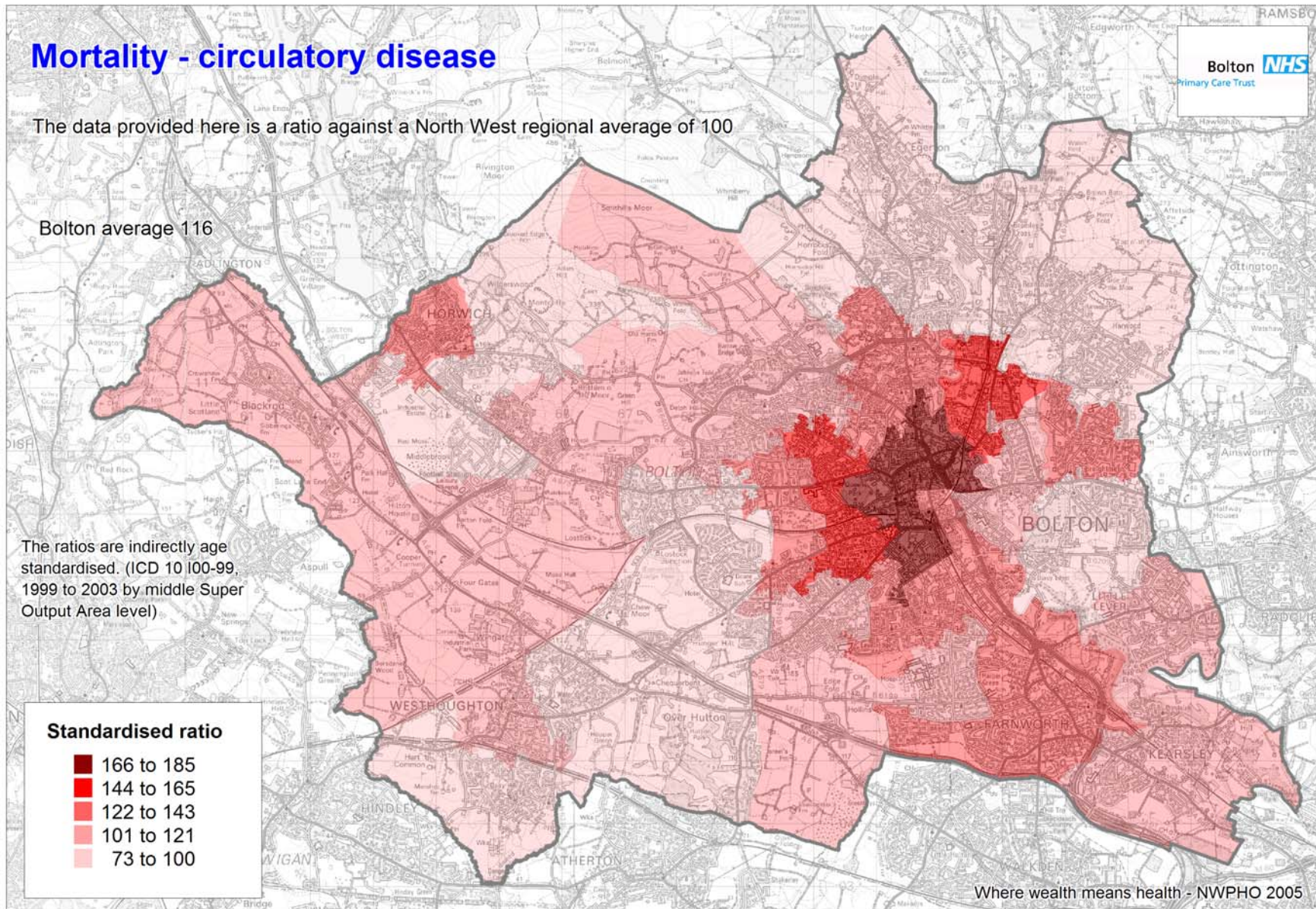


Figure 3

