

## Director of Public Health Annual Report 2005: Choosing Health in Leicester

### Health Facts 3 - Mortality rates

Source: National Centre for Health Outcomes Development, NHS Health and Social Care Information Centre

#### Males

Cause of death	ICD 10	No. of deaths in Leicester (2003)	Standardised mortality ratio (all ages, 2001-2003)				Rate of FYLL per 100,000 population (age standardised, 2001-2003)				
			East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT	England	East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT
Coronary heart disease	120-125	318	103**	129**	129**	128**	107.7	107.2	179	180.4	<b>177.3</b>
Cerebrovascular disease (stroke)	160-169	119	98	116**	107	129**	25.5	25	39.4	44.8	<b>31.2</b>
All cancers	C00-C97	318	97*	101	93	113**	171.2	163.9	171.8	154.4	<b>199.7</b>
All accidents	V01-X59	42	113**	112	102	127	62	68.1	61.1	48	<b>82.5</b>
All accidental falls	W00-W19	11	88*	153**	154	151	5.6	3.9	4.9	3.9	<b>6.6</b>
Road traffic accidents	V01-V89	7	118**	70	54*	94	34.7	41.8	23.3	14.9	<b>36.6</b>
Suicide and undetermined death	X60-X84, Y10, Y34 (exc Y33.9)	24	101	116	93	152**	44.5	46.9	49.1	37.5	<b>67.7</b>
Chronic Obstructive Pulmonary Disease	J40-J43	7	124**	64	64	64	1.7	2.1	1.3	1.6	<b>0.8</b>
Stomach and duodenal ulcer	K25-K27	13	83*	163**	147	187**	3.3	2.4	5.7	5.1	<b>6.8</b>
Diabetes	E10-E14	21	105	131	135	126	6.0	5.9	10.8	11.2	<b>10.3</b>
Tuberculosis	A15-A19	1	70*	159	211	80	0.9	0.7	1.9	1.9	<b>1.8</b>
Chronic liver disease	K70, K73-K74	25	86*	129	126	133	26.1	21.8	32.9	31.4	<b>34.8</b>
All causes	A00-Y99	1,397	101	116**	112**	123**	620	605.8	766.6	725.2	<b>834.5</b>

## Females

Cause of death	ICD 10	No. of deaths in Leicester (2003)	Standardised mortality ratio (all ages, 2001-2003)				Rate of FYLL per 100,000 population (age standardised, 2001-2003)				
			East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT	England	East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT
Coronary heart disease	120-125	215	102	115**	119**	111	29.7	31.4	52.5	55	48.1
Cerebrovascular disease (stroke)	160-169	169	103	102	91	118**	19.6	20	24.2	17.4	34.4
All cancers	C00-C97	289	100	97	86	111**	157.7	158.4	157.2	146.2	174.3
All accidents	V01-X59	24	121**	115	129	97	18	21.4	20	21.7	17
All accidental falls	W00-W19	12	95	180**	206**	145	2.2	1.6	2.3	2.0	2.6
Road traffic accidents	V01-V89	2	137**	96	120	60	8.9	13.2	5.5	5.6	5.2
Suicide and undetermined death	X60-X84, Y10, Y34 (exc Y33.9)	6	95	81	90	67	12.9	13.6	9.8	10.2	9.2
Chronic Obstructive Pulmonary Disease	J40-J43	5	105	111	88	144	0.9	1.2	1.9	1.7	2.1
Stomach and duodenal ulcer	K25-K27	13	93	105	108	102	1.7	1.5	1.3	1.1	1.6
Diabetes	E10-E14	20	117**	146**	145**	148	3.8	4.1	6.6	6.9	6.0
Tuberculosis	A15-A19	3	117	462**	792**	0	0.5	0.8	6.1	10.1	0
Chronic liver disease	K70, K73-K74	9	94	153**	122	201**	13	11.7	18	14.1	24.5
All causes	A00-Y99	1435	102**	111**	106**	118**	370.5	373.5	454.2	445.1	467.9

ICD 10 = international statistical classification of diseases and related health problems using a system of categories to which cases are assigned according to established criteria. The figure 10 indicates that the tenth revision was used Standardised mortality ratio - see glossary

FYLL = future years of life lost - see glossary

\*\* = significantly above national rates

\* = significantly below national rates

## Choosing Health in Leicester's Localities, The Director of Public Health Annual Report 2006

### Health Facts 3 - Mortality rates

Source: National Centre for Health Outcomes Development, NHS Health and Social Care Information Centre

#### Mortality rates in males

Cause of death	ICD 10	No. of deaths in Leicester (2004)	Standardised mortality ratio (indirect) for all ages, 2002-04 pooled				Directly age-standardised years of life lost rate, < 75yrs, 2002-04				
			East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT	England	East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT
Coronary heart disease	120-125	272	103.3	126.0	129.0	121.6	101.6	104.2	160.9	163.8	156.7
Cerebrovascular disease (stroke)	160-169	95	96.3	113.8	112.7	115.4	24.6	23.9	36.9	43.1	27.4
All cancers	C00-C97	286	98.2	97.9	90.7	108.8	167.0	161.7	166.8	146.8	199.8
All accidents	V01-X59	30	113.0	114.2	104.0	130.2	60.8	70.3	66.2	60.2	75.3
All accidental falls	W00-W19	4	82.3	123.8	107.2	148.9	5.3	3.8	4.4	3.5	5.9
Road traffic accidents	V01-V89	3	122.7	53.5	41.3	73.2	35.0	43.1	17.0	12.3	24.3
Suicide and undetermined death	X60-X84, Y10, Y34 (exc Y33.9)	17	99.2	108.2	88.1	140.4	43.4	43.7	46.0	36.7	61.0
Chronic Obstructive Pulmonary Disease	J40-J43	3	127.9	69.4	46.4	103.8	1.6	1.9	1.7	1.5	1.9
Stomach and duodenal ulcer	K25-K27	6	81.5	143.4	130.4	162.8	3.4	2.5	6.9	6.1	8.4
Diabetes	E10-E14	19	106.6	152.7	171.0	125.3	5.7	5.4	11.0	11.6	10.1
Tuberculosis	A15-A19	2	62.3	164.7	218.0	83.3	1.0	0.5	1.9	3.1	0.0
Chronic liver disease	K70, K73-K74	21	85.7	134.9	128.5	145.2	26.6	21.9	36.9	34.7	39.8
All causes	A00-Y99	1,193	100.6	115.2	113.0	118.7	604.5	596.8	757.6	722.2	816.3

Significance of Years of Life Lost not shown.

significantly worse than the national rate (100)	significantly better than the national rate (100)
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## Mortality rates in females

Cause of death	ICD 10	No. of deaths in Leicester (2004)	Standardised mortality ratio (indirect) for all ages, 2002-04 pooled				Directly age-standardised years of life lost rate, < 75yrs, 2002-04				
			East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT	England	East Midlands	Leicester	Eastern Leicester PCT	Leicester City West PCT
Coronary heart disease	120-125	243	101.4	115.5	118.5	111.5	27.4	30.1	49.9	51.5	47.2
Cerebrovascular disease (stroke)	160-169	150	100.3	101.7	95.0	110.7	18.8	20.1	27.8	25.2	31.7
All cancers	C00-C97	299	99.5	99.6	88.6	115.2	154.3	152.9	154.3	129.8	191.4
All accidents	V01-X59	22	118.7	104.5	107.9	99.9	18.0	21.7	26.6	21.6	33.5
All accidental falls	W00-W19	9	88.6	161.4	168.8	151.3	2.2	2.1	2.8	1.7	4.5
Road traffic accidents	V01-V89	1	128.6	87.9	106.6	59.8	9.0	12.8	6.3	7.0	5.2
Suicide and undetermined death	X60-X84, Y10, Y34 (exc Y33.9)	9	96.7	89.5	87.6	92.5	13.2	13.8	14.4	15.0	13.6
Chronic Obstructive Pulmonary Disease	J40-J43	1	106.2	85.2	36.9	151.3	0.8	1.1	1.0	0.3	2.1
Stomach and duodenal ulcer	K25-K27	11	92.9	132.6	119.2	150.7	1.7	1.7	2.1	2.2	1.9
Diabetes	E10-E14	14	119.5	133.00	123.7	145.6	3.7	3.8	7.6	8.2	6.8
Tuberculosis	A15-A19	2	113.8	427.0	731.1	0.0	0.5	0.9	3.2	5.3	0.0
Chronic liver disease	K70, K73-K74	12	102.3	156.1	123.7	205.0	13.4	13.1	18.0	12.6	26.6
All causes	A00-Y99	1,412	101.6	113.6	107.0	122.5	362.7	371.9	469.5	432.5	525.9

Significance of Years of Life Lost not shown.

**Directly age-standardised years of life lost rate in under 75 yrs:** see Years of life lost.

**ICD 10: International Classification of Diseases:** WHO's internationally accepted classification of death and disease, revision 10.

**Standardised mortality ratio:** Measure of whether someone is more or less likely to die compared to the standard population. A score greater than 100 indicates an increased probability and a score below 100 indicates a reduced probability of death.

**Years of Life Lost Rate:** Potential number of years of life lost as a result of premature death (under 75 years). Directly age-standardised per 100,000 standard European population

	significantly worse than the national rate (100)		significantly better than the national rate (100)
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## Improving Health in Leicester Annual Report of the Director of Public Health and Health Improvement 2007

### Health Facts 3 - Mortality rates

Source : National Centre for Health Outcomes Development, NHS Health and Social Care Information Centre

#### Mortality rates in males

Cause of death			Standardised mortality ratio (indirect) for all ages 2004-06 pooled			Directly age-standardised rate					
						2004-06, for all ages			2004-06, for under 75yr olds		
			ICD 10	No. of deaths in Leicester (2006)	England	East Mids	Leicester	England	East Midlands	Leicester	England
		SMR	SMR	SMR	DSR	DSR	DSR	DSR	DSR	DSR	
Coronary heart disease	120-125	265	100.0	101.1	128.1	144.6	145.6	188.8	74.8	74.8	110.3
Cerebrovascular disease (stroke)	160-169	90	100.0	97.4	105.4	55.3	53.7	58.7	18.3	17.7	24.2
All cancers	C00-C97	282	100.0	98.4	96.3	213.7	209.5	206.5	130.4	126.6	128.4
All accidents	V01-X59	34	100.0	111.7	109.9	21.4	24.0	23.2	16.8	18.9	18.7
All accidental falls	W00-W19	7	100.0	78.2	118.6	4.6	3.6	5.4	2.6	2.0	3.2
Road traffic accidents	V01-V89	11	100.0	127.6	70.0	8.1	10.4	5.6	7.9	10.3	5.0
Suicide and undetermined death	X60-X84, Y10-Y34 (exc Y33.9)	19	100.0	99.1	116.0	12.5	12.3	14.4	12.4	12.1	14.2
Bronchitis, Emphysema & Chronic Obstructive Pulmonary Disease	J40-J44	60	100.0	96.7	102.4	35.7	34.6	36.6	14.6	14.1	16.5
Stomach and duodenal ulcer	K25-K27	8	100.0	81.4	92.9	4.7	3.8	4.7	2.5	2.0	3.0
Diabetes	E10-E14	17	100.0	107.5	168.7	7.8	8.3	13.9	3.8	4.0	8.8
Tuberculosis	A15-A19	3	100.0	74.1	212.1	0.7	0.5	1.5	0.4	0.3	1.1
Chronic liver disease	K70, K73-K74	26	100.0	88.4	155.6	13.5	11.9	21.6	13.2	11.5	21.8
All causes	A00-Y99	1232	100.0	100.4	116.3	732.0	732.0	859.1	383.5	375.0	471.4

■ significantly worse than the national rate (100)    ■ significantly better than the national rate (100).

## Mortality rates in females

			Standardised mortality ratio (indirect) for all ages 2004-06 pooled			Directly age-standardised rate					
						2004-06, for all ages			2004-06, for under 75yr olds		
Cause of death	ICD 10	No. of deaths in Leicester (2006)	England	East Mids	Leicester	England	East Midlands	Leicester	England	East Midlands	Leicester
			SMR	SMR	SMR	DSR	DSR	DSR	DSR	DSR	DSR
Coronary heart disease	120-125	189	100.0	99.8	126.9	67.5	68.5	93.6	23.8	25.7	43.3
Cerebrovascular disease (stroke)	160-169	129	100.0	98.6	104.3	51.3	50.9	56.2	13.7	14.2	18.8
All cancers	C00-C97	279	100.0	99.1	103.2	152.2	150.9	157.1	105.1	104.5	107.4
All accidents	V01-X59	27	100.0	117.8	93.3	10.5	11.8	10.3	5.8	5.7	6.3
All accidental falls	W00-W19	13	100.0	85.5	146.7	2.9	2.6	3.6	1.2	1.1	0.6
Road traffic accidents	V01-V89	6	100.0	106.6	69.5	2.3	2.5	1.7	2.1	2.3	1.6
Suicide and undetermined death	X60-X84, Y10 Y34 (exc Y33.9)	9	100.0	97.0	141.4	4.2	4.1	6.0	4.1	4.0	6.0
Bronchitis, Emphysema & Chronic Obstructive Pulmonary Disease	J40-J43	47	100.0	91.7	104.8	21.5	19.8	23.2	10.2	9.6	12.3
Stomach and duodenal ulcer	K25-K27	8	100.0	95.2	123.3	3.2	3.1	4.2	1.3	1.4	2.0
Diabetes	E10-E14	18	100.0	117.5	133.7	5.6	6.4	8.3	2.5	2.5	4.6
Tuberculosis	A15-A19	3	100.0	103.4	456.2	0.4	0.4	2.0	0.3	0.3	1.7
Chronic liver disease	K70, K73-K74	5	100.0	99.4	110.2	7.0	6.9	7.4	6.7	6.6	6.7
All causes	A00-Y99	1308	100.0	102.4	118.6	512.2	522.2	622.2	240.0	243.5	305.8

Significance of Years of Life Lost not shown

**Directly age-standardised years of life lost rate in under 75 yrs:** see Years of life lost

**ICD 10: International Classification of Diseases: WHO's internationally accepted classification of death and disease, revision 10. Standardised mortality ratio:** Measure of whether someone is more or less likely to die compared to the standard population. A score greater than 100 indicates an increased probability and a score below 100 indicates a reduced probability of death.

**Years of Life Lost Rate:** Potential number of years of life lost as a result of premature death (under 75 years). Directly age-standardised per 100,000 standard European population

■ significantly worse than the national rate (100)    ■ significantly better than the national rate (100).

## Improving Health in Leicester: Annual Report of the Director of Public Health and Health Improvement 2008/09

### Health Facts 3: Mortality rates<sup>1</sup>

Source: National Centre for Health Outcomes Development, NHS Health and Social Care Information Centre

#### Mortality rates in males

Cause of death	ICD 10	No. deaths in Leicester 2006	Standardised Mortality Ratio (Indirect) 2004-6 pooled, for all ages			Directly age-standardised rate					
						2004-6, for all ages			2004-6, for under 75 yr olds		
			England SMR	East Midlands SMR	Leicester SMR	England DSR	East Midlands DSR	Leicester DSR	England DSR	East Midlands DSR	Leicester DSR
Coronary heart disease	I20-I25	265	100.0	101.1	128.1	144.6	145.6	188.8	74.8	74.8	110.3
Cerebrovascular disease (stroke)	I60-I69	90	100.0	97.4	105.4	55.3	53.7	58.7	18.3	17.7	24.2
All cancers	C00-C97	282	100.0	98.4	96.3	213.7	209.5	206.5	130.4	126.6	128.4
All accidents	V01-X59	34	100.0	111.7	109.9	21.4	24.0	23.2	16.8	18.9	18.7
All accidental falls	W00-W19	7	100.0	78.2	118.6	4.6	3.6	5.4	2.6	2.0	3.2
Road traffic accidents	V01-V89	11	100.0	127.6	70.0	8.1	10.4	5.6	7.9	10.3	5.0
Suicide and undetermined death	X60-X84, Y10-Y34 exc Y33.9	19	100.0	99.1	116.0	12.5	12.3	14.4	12.4	12.1	14.2
Bronchitis, Emphysema & Chronic obstructive Pulmonary Disease	J40-J44	60	100.0	96.7	102.4	35.7	34.6	36.6	14.6	14.1	16.5
Stomach and duodenal ulcer	K25-K27	8	100.0	81.4	92.9	4.7	3.8	4.7	2.5	2.0	3.0
Diabetes	E10-E14	17	100.0	107.5	168.7	7.8	8.3	13.9	3.8	4.0	8.8
Tuberculosis	A15-A19	3	100.0	74.1	212.1	0.7	0.5	1.5	0.4	0.3	1.1
Chronic liver disease	K70, K73-K74	26	100.0	88.4	155.6	13.5	11.9	21.6	13.2	11.5	21.8
All causes	A00-Y99	1232	100.0	100.4	116.3	732.0	732.0	859.1	383.5	375.0	471.4

Significantly better than the national rate (100)

Significantly worse than the national rate (100)

## Mortality rates in females

Cause of death	ICD 10	No. deaths in Leicester	Standardised Mortality Ratio (Indirect) 2004-6 pooled, for a all ages			Directly age-standardised rate					
			England	East Midlands	Leicester	2004-6, for all ages			2004-6, for under 75 yr olds		
						England	East Midlands	Leicester	England	East Midlands	Leicester
Coronary heart disease	I20-I25	189	100.0	99.8	126.9	67.5	68.5	93.6	23.8	25.7	43.3
Cerebrovascular disease (stroke)	I60-I69	129	100.0	98.6	104.3	51.3	50.9	56.2	13.7	14.2	18.8
All cancers	C00-C97	279	100.0	99.1	103.2	152.2	150.9	157.1	105.1	104.5	107.4
All accidents	V01-X59	27	100.0	117.8	93.3	10.5	11.8	10.3	5.8	5.7	6.3
All accidental falls	W00-W19	13	100.0	85.5	146.7	2.9	2.6	3.6	1.2	1.1	0.6
Road traffic accidents	V01-V89,	6	100.0	106.6	69.5	2.3	2.5	1.7	2.1	2.3	1.6
Suicide and undetermined death	X60-X84, Y10Y34 exc Y33.9	9	100.0	97.0	141.4	4.2	4.1	6.0	4.1	4.0	6.0
Bronchitis, Emphysema & Chronic obstructive Pulmonary Disease	J40-J44	47	100.0	91.7	104.8	21.5	19.8	23.2	10.2	9.6	12.3
Stomach and duodenal ulcer	K25-K27	8	100.0	95.2	123.3	3.2	3.1	4.2	1.3	1.4	2.0
Diabetes	E10-E14	18	100.0	117.5	133.7	5.6	6.4	8.3	2.5	2.5	4.6
Tuberculosis	A15-A19	3	100.0	103.4	456.2	0.4	0.4	2.0	0.3	0.3	1.7
Chronic liver disease	K70, K73-K74	5	100.0	99.4	110.2	7.0	6.9	7.4	6.7	6.6	6.7
All causes	A00-Y99	1308	100.0	102.4	118.6	512.2	522.9	622.2	240.0	243.5	305.8

Significantly better than the national rate (100)

Significantly worse than the national rate (100)

**ICD 10:** International Classification of Diseases: WHO's internationally accepted classification of death and disease, revision 10.

**Standardised Mortality Ratio:** Measure of whether someone is more or less likely to die compared to the standard population. A score greater than 100 indicates an increased probability and a score below 100 indicates a reduced probability

**Standardised Years of Life Lost Rate:** Potential number of years of life lost as a result of premature death (under 75 years) per 10,000 European standard population

<sup>1</sup> Figures unchanged from Improving Health in Leicester: Annual Report of the Director of Public Health and Health Improvement 2007

## Improving Health in Leicester: Annual Report of the Director of Public Health and Health Improvement 2010

### Health Facts 3: Mortality rates

Source: National Centre for Health Outcomes Development, NHS Health and Social Care Information Centre

#### Mortality rates in males

Cause of death	ICD 10	No. deaths in Leicester 2008	Standardised Mortality Ratio (Indirect) 2006-8 pooled, for all ages			Directly age-standardised rate 2006-8, for all ages			2006-8, for under 75 yr olds		
			England	East Midlands	Leicester	England	East Midlands	Leicester	England	East Midlands	Leicester
			SMR	SMR	SMR	DSR	DSR	DSR	DSR	DSR	DSR
Coronary heart disease	I20-I25	246	100.0	102.5	136.8	126.5	129.0	177.7	65.5	65.5	106.3
Cerebrovascular disease (stroke)	I60-I69	99	100.0	98.7	114.9	48.6	47.8	57.1	15.7	14.6	22.3
All cancers	C00-C97	303	100.0	99.9	100.3	207.4	207.1	206.2	126.3	125.2	122.2
All accidents	V01-X59	36	100.0	114.8	109.7	21.4	24.9	24.6	16.8	19.9	19.9
All accidental falls	W00-W19	18	100.0	94.6	193.3	4.7	4.4	9.6	2.6	2.5	6.2
Road traffic accidents	V01-V89	9	100.0	127.9	83.0	7.5	9.8	6.2	7.3	9.9	5.8
Suicide and undetermined death	X60-X84, Y10-Y34 exc Y33.9	27	100.0	96.0	125.1	12.0	11.4	14.7	11.9	11.3	14.5
Bronchitis, Emphysema & Chronic obstructive Pulmonary Disease	J40-J44	80	100.0	98.4	134.9	34.1	33.5	47.2	14.1	13.5	24.5
Stomach and duodenal ulcer	K25-K27	11	100.0	91.5	168.1	4.2	3.8	7.0	2.2	1.9	3.3
Diabetes	E10-E14	17	100.0	109.3	143.1	7.2	7.8	11.4	3.4	3.5	7.8
Tuberculosis	A15-A19	4	100.0	93.2	357.8	0.6	0.6	2.5	0.4	0.4	1.8
Chronic liver disease	K70, K73-K74	32	100.0	89.6	129.4	14.1	12.5	18.1	13.2	11.5	21.8
All causes	A00-Y99	1244	100.0	101.4	119.9	692.3	698.7	837.9	364.5	357.9	464.3

## Mortality rates in females

Cause of death	ICD 10	No. deaths in Leicester 2008	Standardised Mortality Ratio (Indirect) 2006-8 pooled, for all ages			Directly age-standardised rate 2006-8, for all ages			2006-8, for under 75 yr olds		
			England	East Midlands	Leicester	England	East Midlands	Leicester	England	East Midlands	Leicester
			SMR	SMR	SMR	DSR	DSR	DSR	DSR	DSR	DSR
Coronary heart disease	I20-I25	182	100.0	102.9	128.8	58.7	60.8	83.9	20.5	21.6	38.3
Cerebrovascular disease (stroke)	I60-I69	115	100.0	99.2	107.6	45.5	45.0	51.2	15.7	14.6	22.3
All cancers	C00-C97	297	100.0	99.3	105.5	149.9	149.2	159.5	102.7	102.4	108.3
All accidents	V01-X59	38	100.0	120.5	142.1	10.4	12.1	15.1	5.8	6.3	8.1
All accidental falls	W00-W19	12	100.0	93.0	291.4	2.9	2.7	7.7	1.1	1.0	1.9
Road traffic accidents	V01-V89	0	100.0	113.3	100.1	2.2	2.7	2.2	2.0	2.5	2.0
Suicide and undetermined death	X60-X84, Y10-Y34 exc Y33.9	9	100.0	98.0	148.3	3.7	3.6	5.4	3.6	3.6	5.5
Bronchitis, Emphysema & Chronic obstructive Pulmonary Disease	J40-J44	51	100.0	93.1	101.5	21.7	20.6	23.5	10.2	9.9	13.0
Stomach and duodenal ulcer	K25-K27	12	100.0	95.6	151.2	2.8	2.6	4.2	1.1	1.1	1.7
Diabetes	E10-E14	13	100.0	108.9	124.3	5.2	5.6	6.7	2.2	2.2	2.8
Tuberculosis	A15-A19	2	100.0	99.5	340.3	0.3	0.4	1.5	0.2	0.3	1.6
Chronic liver disease	K70, K73-K74	14	100.0	91.8	106.3	7.3	6.7	8.0	13.8	12.1	18.0
All causes	A00-Y99	1286	100.0	102.1	117.1	490.6	499.6	596.0	230.4	232.4	298.7

Significantly better than the national rate (100)  
 Significantly worse than the national rate (100)