Cambridgeshire

updated 28 July 2010

This profile gives a picture of health in this area. It is designed to help local government and health services improve people's health and reduce health inequalities.

Health Profiles are produced every year by the Association of Public Health Observatories.

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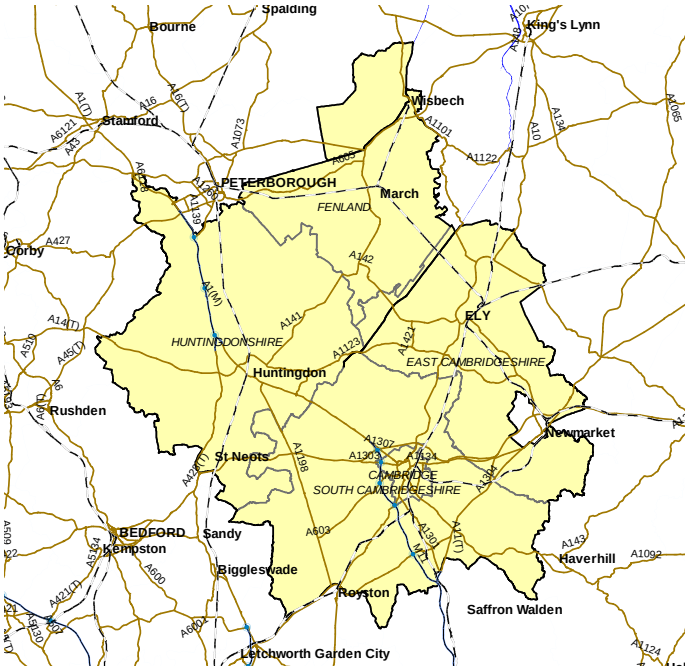

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Population 605,000

Mid-2008 population estimate

Source: National Statistics website: www.statistics.gov.uk

Cambridgeshire at a glance

- The health of people in Cambridgeshire is generally significantly better than the England average.
- Road injuries and deaths in the county remain significantly worse than the England average. This is due to the poor rates in four of the five local authorities in Cambridgeshire. However, the rate is decreasing and Cambridgeshire is currently likely to meet related improvement targets.
- The rate of hospital stays for alcohol related harm is no longer worse than the England average, although the rate has not improved.
- There are health inequalities within Cambridgeshire by gender and deprivation. There is a 5 year difference in male life expectancy between the most and least deprived areas within the county. A new health inequalities strategy has been launched locally.
- Over the past ten years, death rates from all causes, and early death rates from cancer and from heart disease and stroke have improved in Cambridgeshire, in line with the England averages.
- In Cambridgeshire, there are significantly more physically active school children than average.
- Cambridgeshire's strategic vision for health is "Everyone in Cambridgeshire, as healthy as can be".
- For more information refer to the Annual Public Health Report and JSNA at www.cambridgeshire.nhs.uk. For more local adult lifestyle data please refer to www.erpho.org.uk/lsr.

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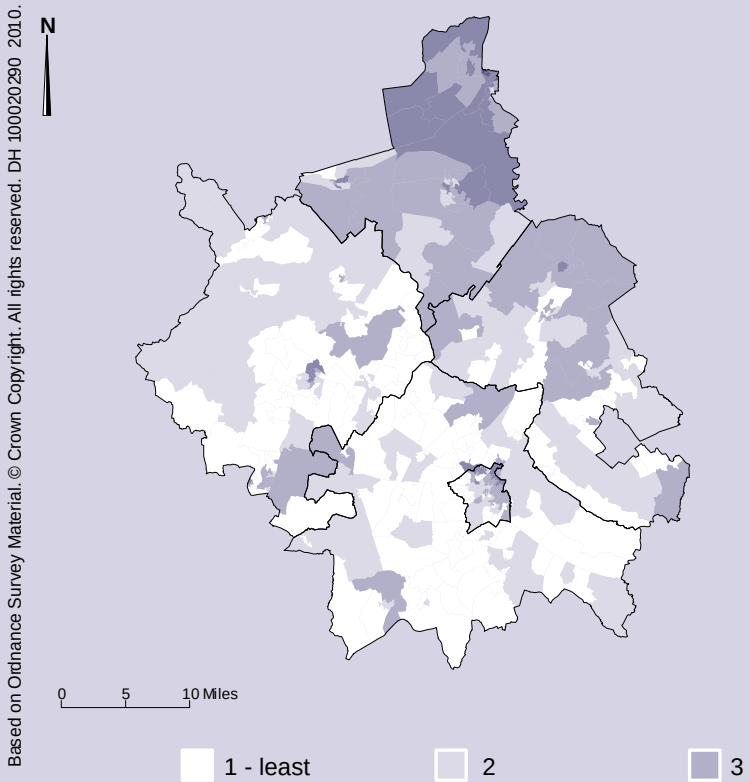
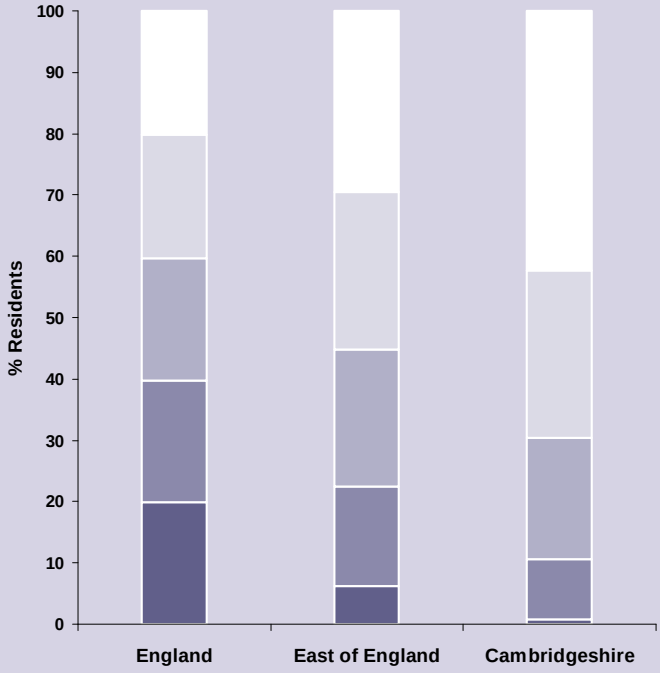
Deprivation:
a national view

This map shows differences in deprivation levels in this area based on national quintiles (of the Index of Multiple Deprivation 2007 by Lower Super Output Area). The darkest coloured areas are some of the most deprived areas in England.

This chart shows the percentage of the population in England, this region, and this area who live in each of these quintiles.

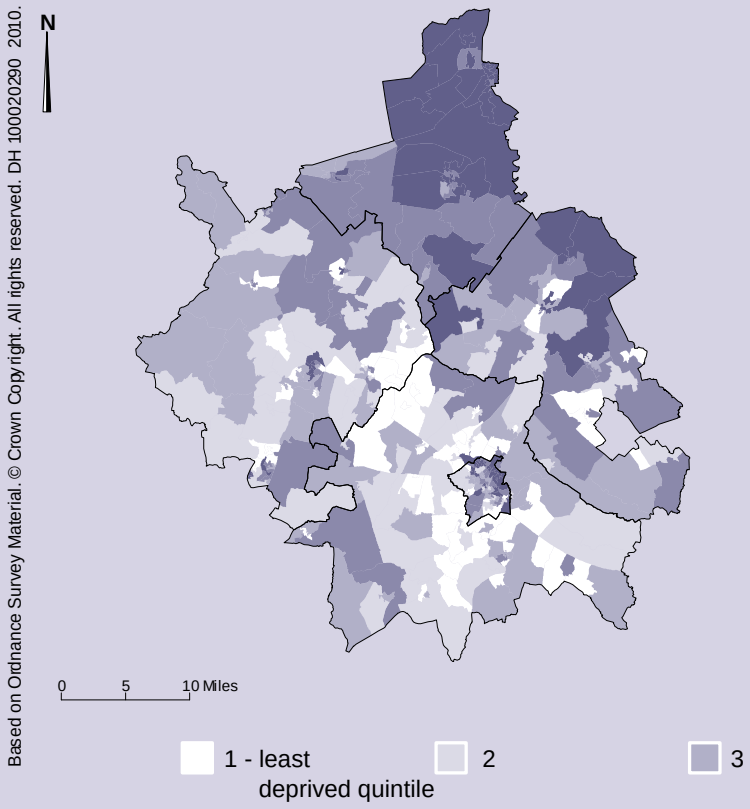


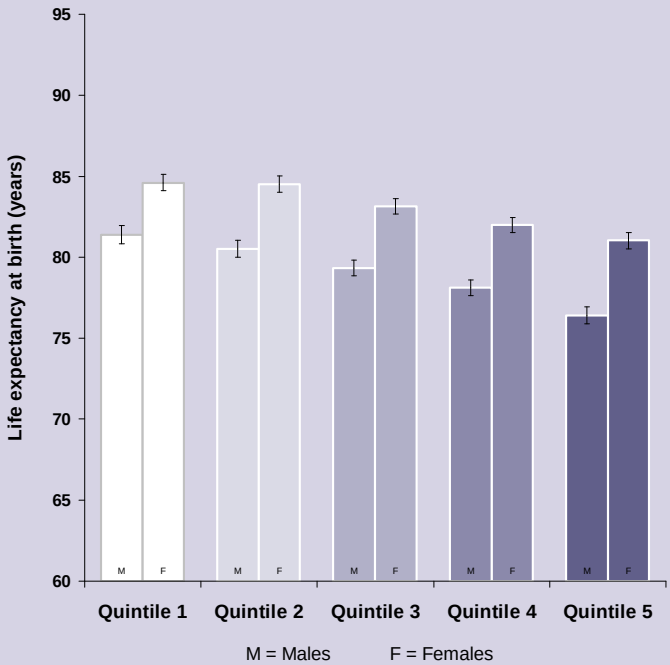


Health inequalities:
a local view

This map shows differences in deprivation levels in this area based on local quintiles (of the Index of Multiple Deprivation 2007 by Lower Super Output Area). The darkest coloured areas are the most deprived in this area.

This chart shows the life expectancy at birth for males and females (2004-2008) for each of the quintiles in this area.





95% confidence interval. These indicate the level of uncertainty about each value on the graph. Longer/wider intervals mean more uncertainty.

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Health inequalities: **changes over time**

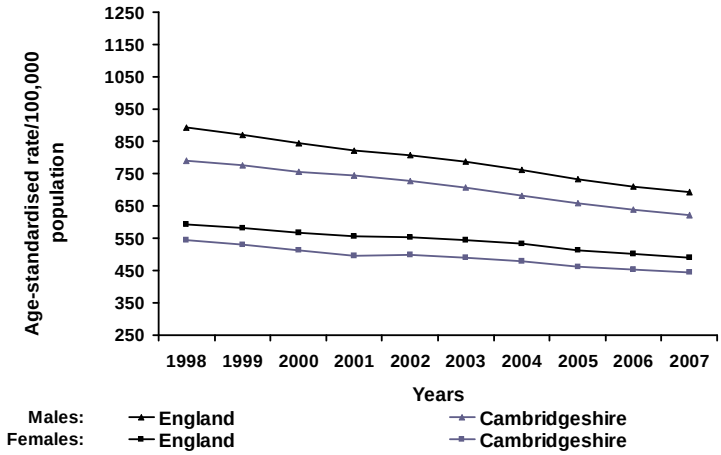
These graphs show how changes in death rates for this area compare with changes for the whole of England. Data points on the graph are mid-points of 3-year averages of yearly rates. For example the dot labelled 2003 represents the 3-year period 2002 to 2004.

Trend 1 compares rates of death, at all ages and from all causes, in this area with those for England.

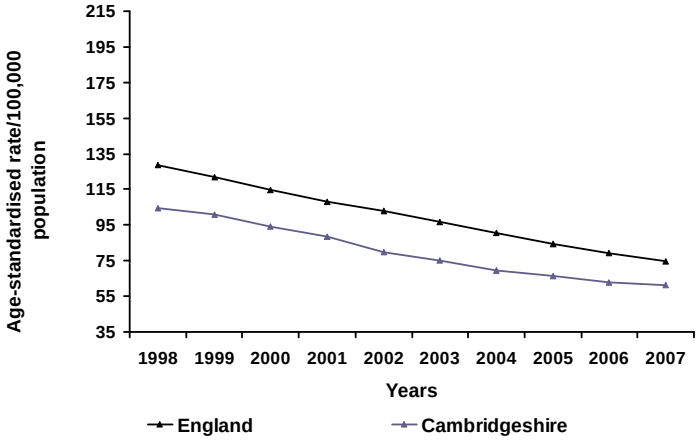
Trend 2 compares rates of early death from heart disease and stroke (in people under 75) in this area with those for England.

Trend 3 compares rates of early death from cancer (in people under 75) in this area with those for England.

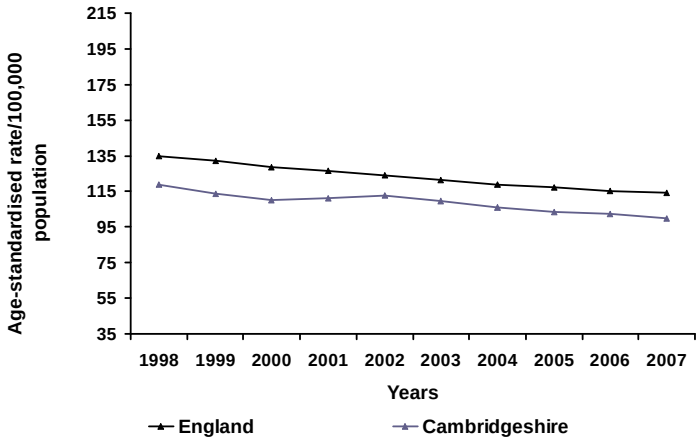
Trend 1:
All age, all cause mortality



Trend 2:
Early death rates from heart disease and stroke

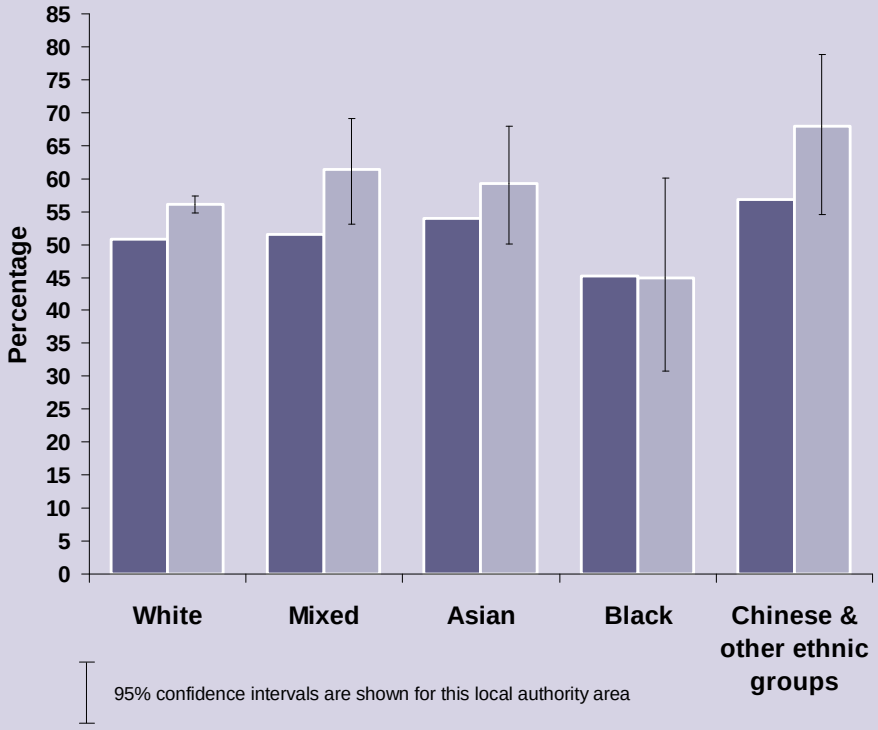


Trend 3:
Early death rates from cancer



Health inequalities: **ethnicity**

This chart shows the percentage of pupils by ethnic group in this area who achieved five GCSEs in 2008/09 (A* to C grades including English and Maths). Comparing results may help find possible inequalities between ethnic groups.



England
Cambridgeshire

Ethnic Groups	% pupils achieved grades	No. of pupils achieved grades
White	56.1	3,028
Mixed	61.4	86
Asian	59.3	67
Black	45.0	18
Chinese/other	67.9	36

If there are any empty cells in the table this is because data has not been presented where the calculation involved pupil numbers of 0, 1 or 2. Some further groups may not have data presented in order to prevent counts of small numbers being calculated from values for other ethnic groups or areas.

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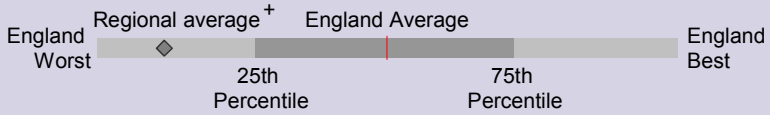
Health summary for Cambridgeshire

The chart below shows how the health of people in this area compares with the rest of England. This area's result for each indicator is shown as a circle. The average rate for England is shown by the red line, which is always at the centre of the chart. The range of results for all local areas in England is shown as a grey bar. A red circle means that this area is significantly worse than England for that indicator; however, a green circle may still indicate an important public health problem.

- Significantly worse than England average
- Not significantly different from England average
- Significantly better than England average
- No significance can be calculated



+ In the South East Region this represents the Strategic Health Authority average

Domain	Indicator	Local No. Per Year	Local Value	Eng Avg	Eng Worst	England Range	Eng Best
Our communities	1 Deprivation	4674	0.8	19.9	89.2		0.0
	2 Children in poverty	13727	12.7	22.4	66.5		6.0
	3 Statutory homelessness	541	2.24	2.48	9.84		0.00
	4 GCSE achieved (5A*-C inc. Eng & Maths)	3286	56.2	50.9	32.1		76.1
	5 Violent crime	6340	10.6	16.4	36.6		4.8
	6 Carbon emissions	4998	8.4	6.8	14.4		4.1
Children's and young people's health	7 Smoking in pregnancy	800	11.6	14.6	33.5		3.8
	8 Breast feeding initiation	5504	79.9	72.5	39.7		92.7
	9 Physically active children	36380	51.1	49.6	24.6		79.1
	10 Obese children	452	7.7	9.6	14.7		4.7
	11 Tooth decay in children aged 5 years	n/a	0.6	1.1	2.5		0.2
	12 Teenage pregnancy (under 18)	276	26.0	40.9	74.8		14.9
Adults' health and lifestyle	13 Adults who smoke	n/a	18.7	22.2	35.2		10.2
	14 Binge drinking adults	n/a	18.3	20.1	33.2		4.6
	15 Healthy eating adults	n/a	32.6	28.7	18.3		48.1
	16 Physically active adults	n/a	11.5	11.2	5.4		16.6
	17 Obese adults	n/a	22.1	24.2	32.8		13.2
Disease and poor health	18 Incidence of malignant melanoma	76	13.0	12.6	27.3		3.7
	19 Incapacity benefits for mental illness	6200	16.2	27.6	58.5		9.0
	20 Hospital stays for alcohol related harm	11352	1600	1580	2860		784
	21 Drug misuse						
	22 People diagnosed with diabetes	23045	3.81	4.30	6.72		2.69
	23 New cases of tuberculosis	41	7	15	110		0
	24 Hip fracture in over-65s	576	472.3	479.2	643.5		273.6
Life expectancy and causes of death	25 Excess winter deaths	237	15.5	15.6	26.3		2.3
	26 Life expectancy - male	n/a	79.3	77.9	73.6		84.3
	27 Life expectancy - female	n/a	83.1	82.0	78.8		88.9
	28 Infant deaths	29	4.14	4.84	8.67		1.08
	29 Deaths from smoking	732	165.9	206.8	360.3		118.7
	30 Early deaths: heart disease & stroke	387	61.0	74.8	125.0		40.1
	31 Early deaths: cancer	624	99.6	114.0	164.3		70.5
	32 Road injuries and deaths	404	67.7	51.3	167.0		14.6

Indicator Notes

1 % of people in this area living in 20% most deprived areas of England 2007 2 % of children living in families receiving means-tested benefits 2007 3 Crude rate per 1,000 households 2008/09 4 % at Key Stage 4 2008/09 5 Recorded violence against the person crimes crude rate per 1,000 population 2008/09 6 Total end user CO_2 emissions per capita (tonnes CO_2 per resident) 2007 7 % of mothers smoking in pregnancy where status is known 2008/09 8 % of mothers initiating breast feeding where status is known 2008/09 9 % of year 1-13 pupils who spend at least 3 hours per week on high quality PE and school sport 2008/09 10 % of school children in reception year 2008/09 11 Weighted mean number of teeth per 5 yr old child sampled that were actively decayed, missing or filled 2007/08 12 Under-18 conception rate per 1,000 females aged 15-17 (crude rate) 2006-2008 (provisional) 13 % adults, modelled estimate using Health Survey for England 2006-2008 14 % adults, modelled estimate using Health Survey for England 2007-2008 15 % adults, modelled estimate using Health Survey for England 2006-2008 16 % aged 16+ 2008/09 17 % adults, modelled estimate using Health Survey for England 2006-2008 18 Directly age standardised rate per 100,000 population under 75 2004-2006 19 Crude rate per 1,000 working age population 2008 20 Directly age and sex standardised rate per 100,000 population 2008/09 (rounded) 21 New Problematic Drug User estimates were not available in time for inclusion 22 % of people on GP registers with a recorded diagnosis of diabetes 2008/09 23 Crude rate per 100,000 population 2006-2008 24 Directly age-standardised rate per 100,000 population for emergency admission 2008/09 25 Ratio of excess winter deaths (observed winter deaths minus expected deaths based on non-winter deaths) to average non-winter deaths 1.08.05- 31.07.08 26 At birth, 2006-2008 27 At birth, 2006-2008 28 Rate per 1,000 live births 2006-2008 29 Per 100,000 population age 35+, directly age standardised rate 2006-2008 30 Directly age standardised rate per 100,000 population under 75, 2006-2008 31 Directly age standardised rate per 100,000 population under 75, 2006-2008 32 Rate per 100,000 population 2006-2008

More indicator information is available in The Indicator Guide: www.healthprofiles.info For information on your area contact your regional PHO: www.apho.org.uk

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