Health Profile 2009

Cambridgeshire

This profile gives a snapshot of health in your area. It is designed to help local government and primary care trusts tackle health inequalities and improve people's health.

Health Profiles are produced annually by the Association of Public Health Observatories and funded by the Department of Health.

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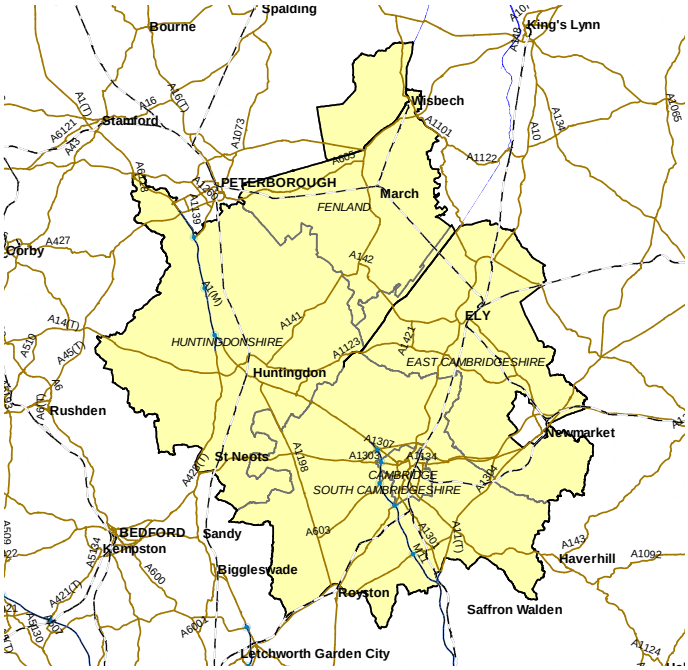

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POPULATION 597,400

Mid-2007 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. However, hospital stays for alcohol related harm, and road injuries and deaths, appear significantly worse than the England average.
- There are health inequalities within Cambridgeshire by location, gender, ethnicity and deprivation. Average life expectancy in the three more affluent local authorities is significantly higher than the England average. However, in Fenland average life expectancy for women is about three years shorter than neighbouring East Cambridgeshire.
- Over the past ten years, early death rates from all causes, from cancer and from heart disease and stroke have improved in Cambridgeshire, in line with the England rates, and remain better than the national averages.
- In Cambridgeshire, there are significantly more physically active school children than the England average. Road injuries and deaths are significantly worse than the England average in four of the five local authorities in Cambridgeshire.
- While health in Cambridgeshire is good overall, this is not true for all population groups locally and there is a need to address health inequalities in the county.
- For more up to date lifestyle data please refer to www.erpho.org.uk/lsr/
- For more information refer to the 2008 Annual Public Health Report at www.cambridgeshire.nhs.uk

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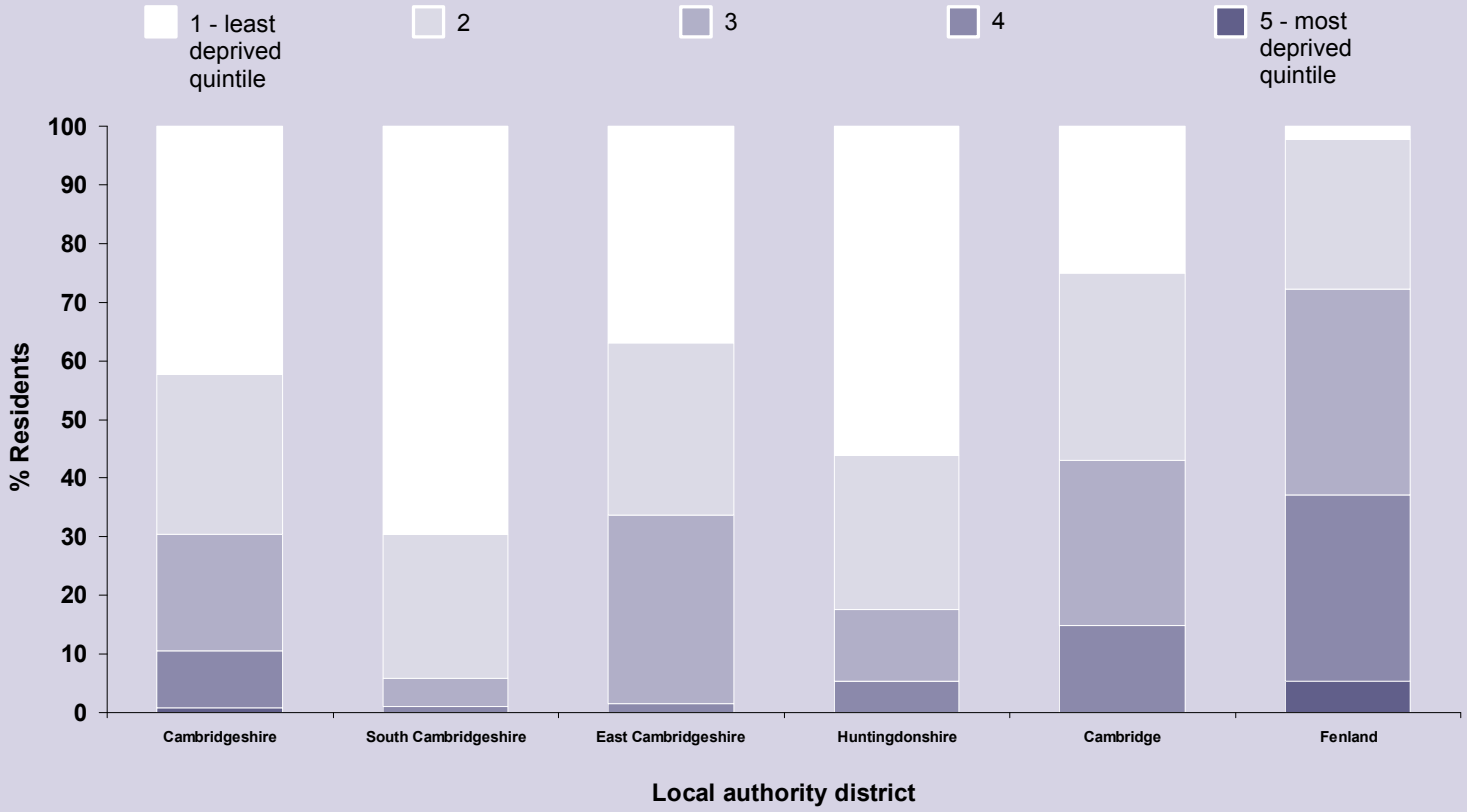
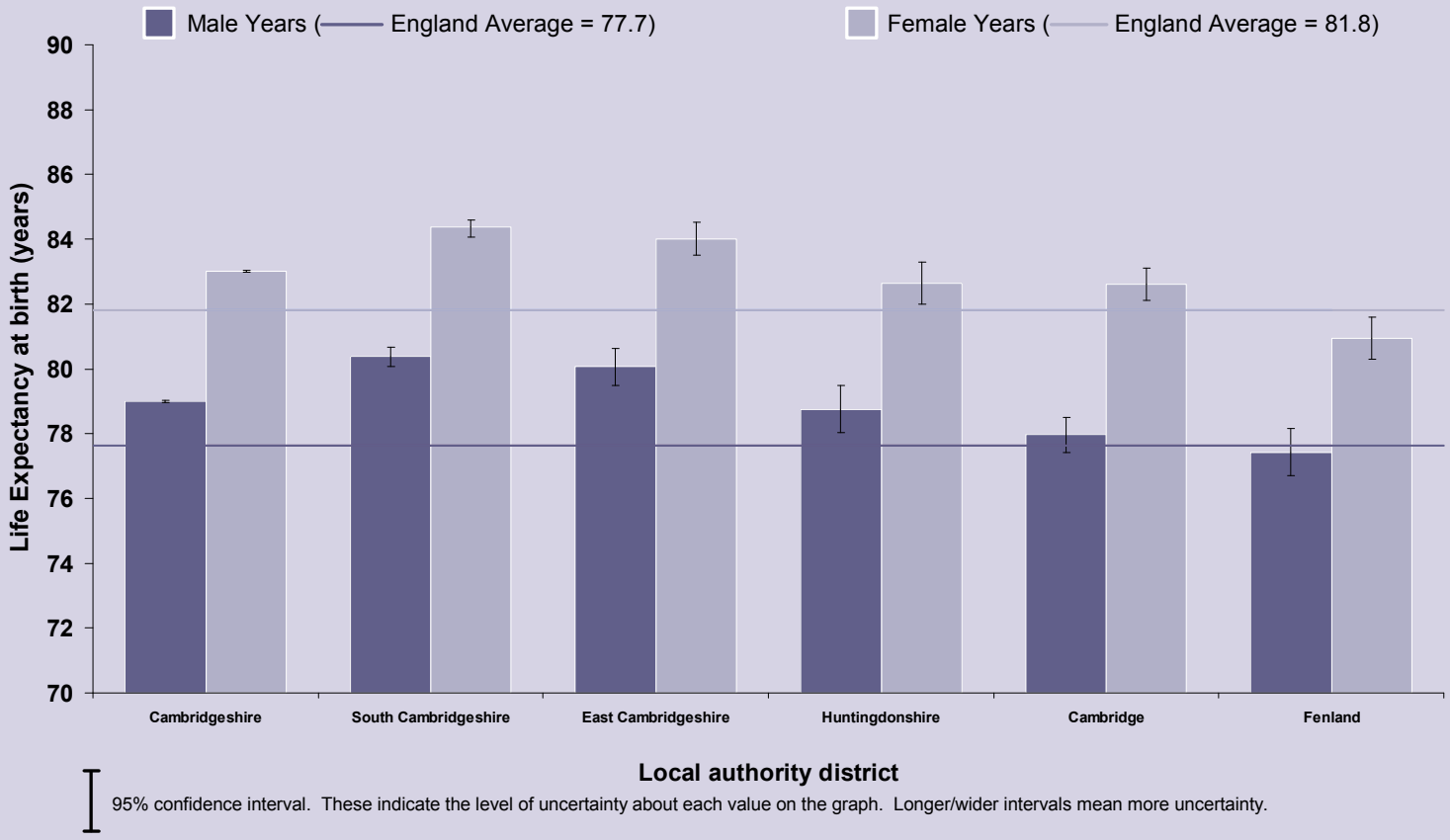
Deprivation

This chart shows the proportion of residents within the county and each district within the county living in neighbourhoods belonging to each of the five national deprivation quintiles. These quintiles were derived by arranging all the small areas (Lower Super Output Areas) in England in rank order according to the deprivation scores in the Index of Multiple Deprivation 2007 and dividing them into five equal groupings. The ordering of the districts follows the life expectancy chart below.



Health inequalities: life expectancy

This chart shows, for the county and each district in the county, the life expectancy at birth for males and females for 2005-2007, with the England averages presented as lines. The districts are ordered so that the district with the highest life expectancy for males is on the left and the lowest is on the right.



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Health inequalities: **changes over time**

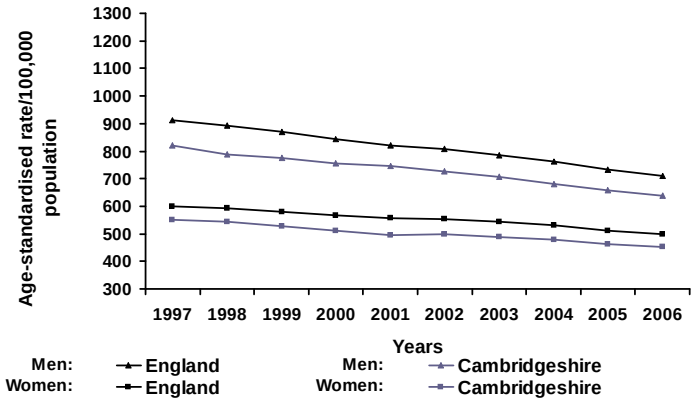
These trend graphs show how changes in health for this local authority compare with changes for the whole of England. Data points are mid-points of 3 year moving averages of annual rates e.g. 1997 represents the 3 year period 1996-98.

Trend 1 compares death rates (at all ages and from all causes) in this local authority with those for England.

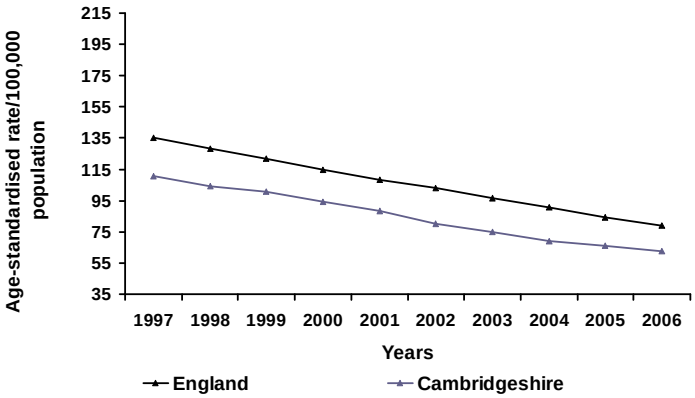
Trend 2 compares rates of early death from heart disease and stroke (in people under 75) in this local authority with those for England.

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

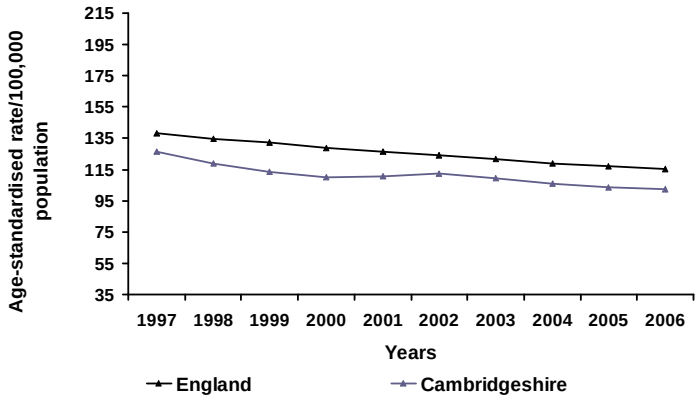
Trend 1:
All age, all cause mortality



Trend 2:
Early death rates from heart disease and stroke

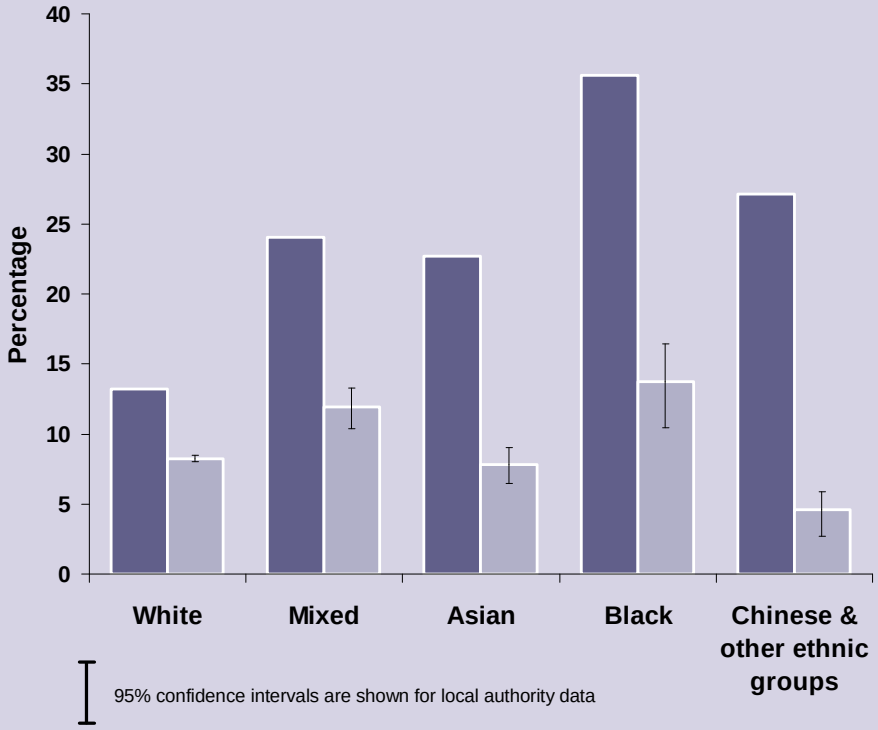


Trend 3:
Early death rates from cancer



Health inequalities: **ethnicity**

This chart compares the percentage of children in each ethnic group who are eligible for free school meals (2008). Eligibility for free school meals is an indicator of deprivation, and people who suffer more deprivation tend to have poorer health. Comparing deprivation by ethnic group helps identify potential health inequalities between the groups.



England
Cambridgeshire

Ethnic Groups	% eligible	Number eligible
White	8.2	5,050
Mixed	11.9	230
Asian	7.8	130
Black	13.7	70
Chinese/other	4.5	30

All numbers are rounded to the nearest 10. Where the total school population in an ethnic group in the local authority is less than 30, or the number eligible is less than 5, the table shows n/a.

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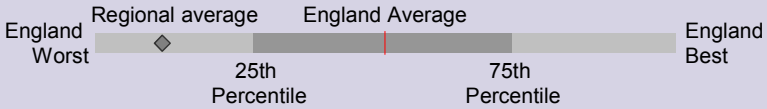
Health summary for Cambridgeshire

The chart below shows how people's health in this local authority compares to the rest of England. The local result for each indicator is shown as a circle, against the range of results for England which is shown as a bar. 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

* relates to National Indicator Set 2009



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	580	2.3	2.8	8.9		0.0
	4 GCSE achieved (5A*-C inc. Eng & Maths) *	3220	53.5	48.3	26.5		73.3
	5 Violent crime *	6449	10.9	17.6	38.4		4.8
	6 Carbon emissions *	5233	8.9	7.2	15.7		4.6
Children's and young people's health	**7** Smoking in pregnancy	730	11.6	14.7	37.8		3.7
	8 Breast feeding initiation *	4981	79.0	71.0	32.5		92.2
	9 Physically active children *	60783	90.3	90.0	77.5		100.0
	10 Obese children *	475	8.8	9.6	16.2		3.9
	11 Children's tooth decay (at age 5)	n/a	1.1	1.5	3.2		0.0
	12 Teenage pregnancy (under 18) *	290	27.2	41.2	79.1		15.0
Adults' health and lifestyle	**13** Adults who smoke *	n/a	18.2	24.1	40.9		13.7
	14 Binge drinking adults	n/a	12.2	18.0	28.9		9.7
	15 Healthy eating adults	n/a	32.4	26.3	15.8		45.8
	16 Physically active adults	n/a	10.5	10.8	4.4		17.1
	17 Obese adults	n/a	24.2	23.6	31.2		11.9
Disease and poor health	**18** Over 65s 'not in good health'	14648	17.5	21.5	32.5		13.5
	19 Incapacity benefits for mental illness *	5970	15.7	27.7	59.4		8.7
	20 Hospital stays for alcohol related harm *	10543	1525.1	1472.5	2615.1		639.9
	21 Drug misuse	1660	4.2	9.8	27.5		1.3
	22 People diagnosed with diabetes	21485	3.6	4.1	6.3		2.6
	23 New cases of tuberculosis	37	6.3	15.0	102.1		0.0
	24 Hip fracture in over-65s	564	488.4	479.8	699.8		219.0
Life expectancy and causes of death	**25** Excess winter deaths	279	18.3	17.0	30.3		4.0
	26 Life expectancy - male *	n/a	79.0	77.7	73.2		83.7
	27 Life expectancy - female *	n/a	83.0	81.8	78.1		87.8
	28 Infant deaths	26	3.9	4.9	9.6		1.3
	29 Deaths from smoking	751	173.3	210.2	330.2		134.4
	30 Early deaths: heart disease & stroke *	389	62.7	79.1	130.5		39.6
	31 Early deaths: cancer *	628	102.3	115.5	164.3		75.7
	32 Road injuries and deaths *	433	74.3	54.3	188.3		18.4

Notes (numbers in bold refer to the above indicators)

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 2007/08 **4** % at Key Stage 4 2007/08 **5** Recorded violence against the person crimes crude rate per 1,000 population 2007/08 **6** Total end user CO2 emissions per capita (tonnes CO2 per resident) 2006 **7** % of mothers smoking in pregnancy where status is known 2007/08 **8** % of mothers initiating breast feeding where status is known 2007/08 **9** % 5-16 year olds who spent at least 2 hours per week on high quality PE and school sport 2007/08 **10** % of school children in reception year 2007/08 **11** Average number of teeth per child age 5 which were actively decayed, filled or had been extracted 2005/06 **12** Under-18 conception rate per 1,000 females (crude rate) 2005-2007 **13** %. Direct estimate from Health Survey for England 2003-2005 **14** %. Direct estimate from Health Survey for England 2003-2005 **15** %. Direct estimate from Health Survey for England 2003-2005 **16** % aged 16+ 2007/08 **17** %. Direct estimate from Health Survey for England 2003 -2005 **18** % who self-assessed general health as 'not good' (directly age and sex standardised) 2001 **19** Crude rate per 1,000 working age population 2007 **20** Directly age and sex standardised rate per 100,000 population 2007/08 **21** Crude rate per 1,000 population aged 15-64 2006/07 **22** % of people on GP registers with a recorded diagnosis of diabetes 2007/08 **23** Crude rate per 100,000 population 2004-2006 **24** Directly age-standardised rate for emergency admission 2006/07 **25** Ratio of excess winter deaths (observed winter deaths minus expected deaths based on non-winter deaths) to average non-winter deaths 1.08.04- 31.07.07 **26** At birth, 2005-2007 **27** At birth, 2005-2007 **28** Rate per 1,000 live births 2005-2007 **29** Per 100,000 population age 35+, directly age standardised rate 2005-2007 **30** Directly age standardised rate per 100,000 population under 75 2005-2007 **31** Directly age standardised rate per 100,000 population under 75 2005-2007 **32** Rate per 100,000 population 2005-2007

More 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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