

Somerset

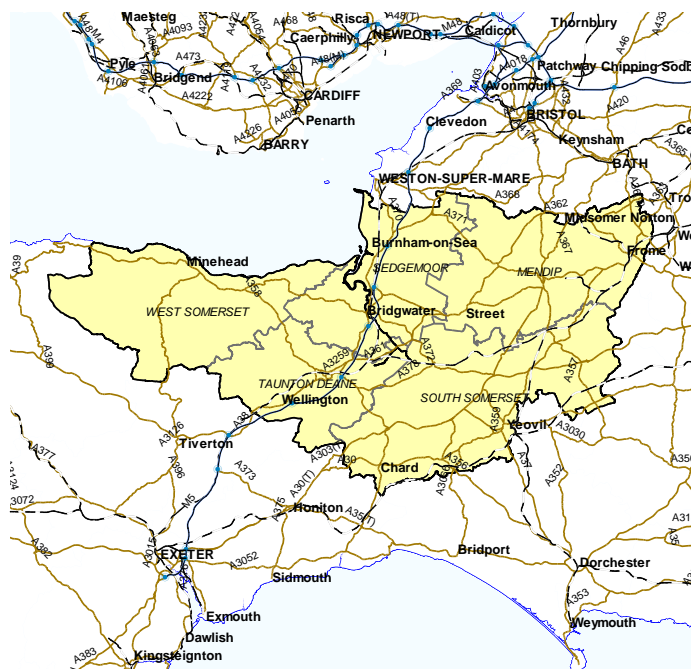
This profile gives a picture of health in this area. It is designed to help local government and health services understand their community's needs, so that they can work to improve people's health and reduce health inequalities.

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- Links to more community health profiles and tools

Health Profiles are produced by the English Public Health Observatories working in partnership.

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Population 525,000

Mid-2010 population estimate

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



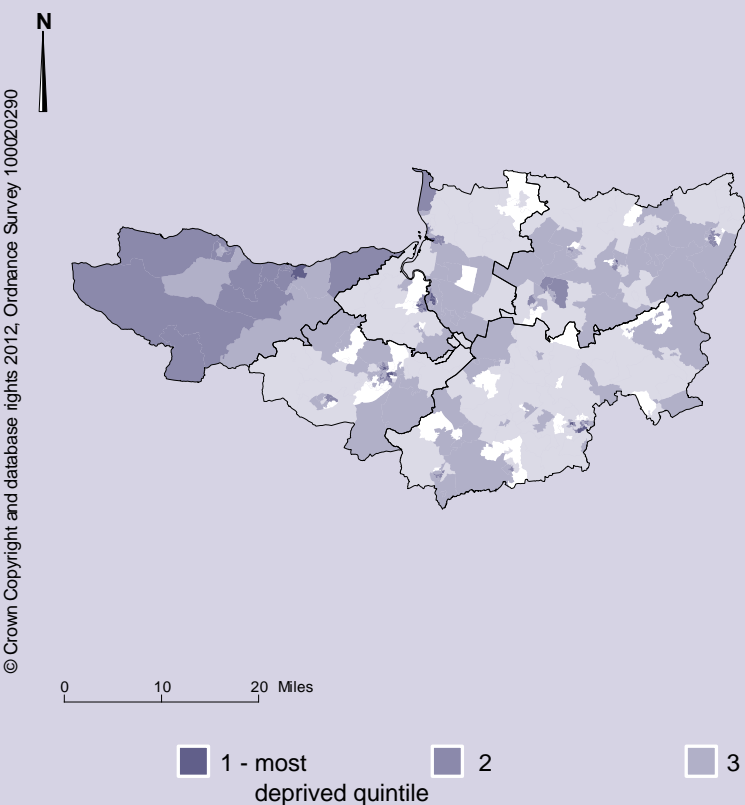
Somerset at a glance

- The health of people in Somerset is mixed compared with the England average. Deprivation is lower than average, however about 14,400 children live in poverty. Life expectancy for both men and women is higher than the England average.
 - Life expectancy is 5.4 years lower for men and 2.7 years lower for women in the most deprived areas of Somerset than in the least deprived areas.
 - Over the last 10 years, all cause mortality rates have fallen. Early death rates from cancer and from heart disease and stroke have fallen and are better than the England average.
 - About 16.5% of Year 6 children are classified as obese, lower than the average for England. Levels of GCSE attainment, alcohol-specific hospital stays among those under 18 and smoking in pregnancy are worse than the England average. Levels of teenage pregnancy and breast feeding initiation are better than the England average.
 - The estimated level of adult obesity is worse than the England average. Rates of hip fractures, sexually transmitted infections, smoking related deaths and hospital stays for alcohol related harm are better than the England average. The incidence of malignant melanoma is higher than average.
 - Priorities in Somerset include tackling health inequalities, promoting physical activity, reducing obesity, smoking and road injuries.
- Please see www.somerset.nhs.uk or www.sine.org.uk

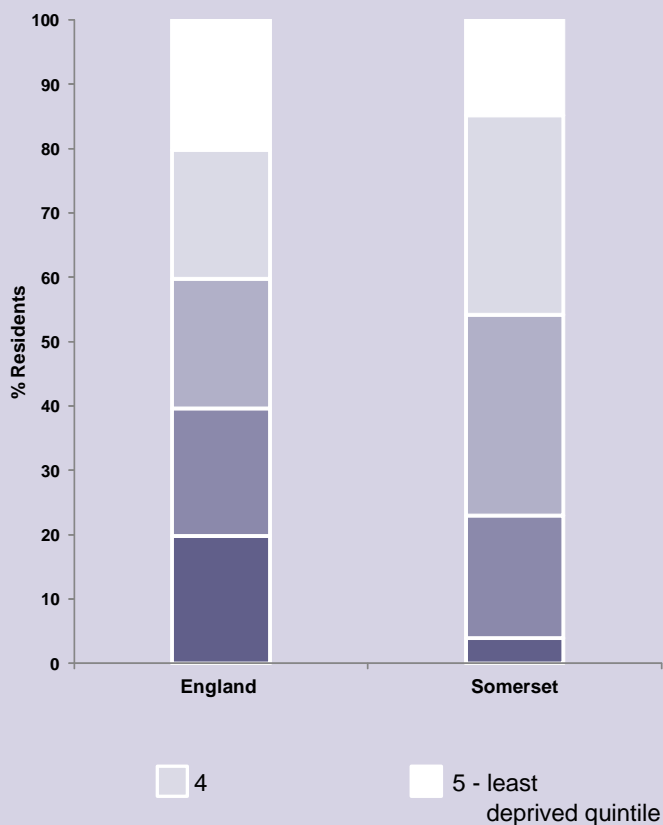


Deprivation: a national view

This map shows differences in deprivation levels in this area based on national quintiles (of the Index of Multiple Deprivation 2010 by Lower Super Output Area). The darkest coloured areas are some of the most deprived areas in England.

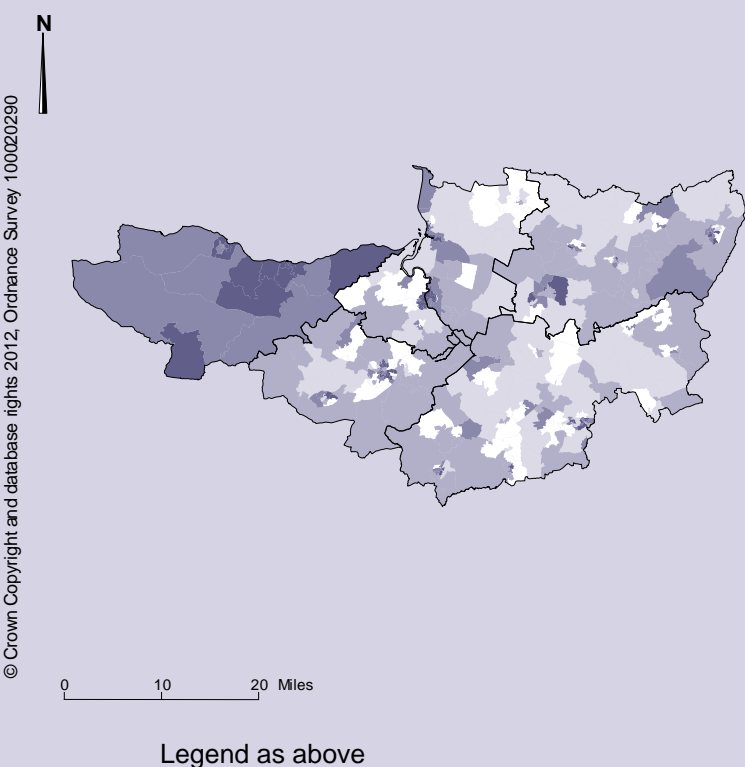


This chart shows the percentage of the population in England and this area who live in each of these quintiles.

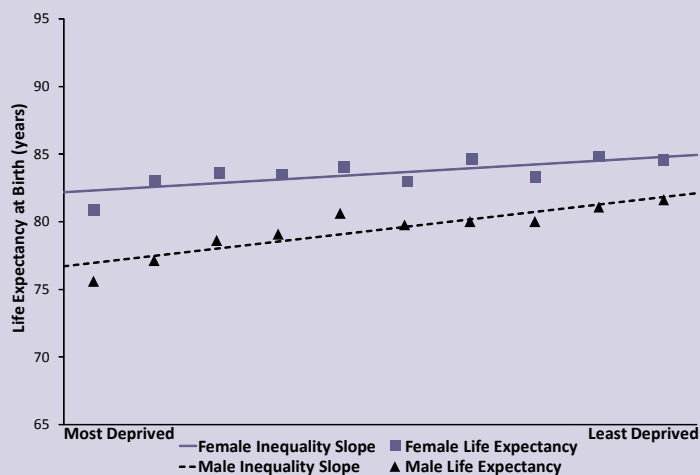


Health inequalities: a local view

This map shows differences in deprivation levels in this area based on local quintiles (of the Index of Multiple Deprivation 2010 by Lower Super Output Area). The darkest coloured areas are the most deprived in this area.



The lines on this chart represent the Slope Index of Inequality, which is a modelled estimate of the range in life-expectancy at birth across the whole population of this area from most to least deprived. Based on death rates in 2006-2010, this range is 5.4 years for males and 2.7 years for females. The points on this chart show the average life expectancy in each tenth of the population of this area.



Health inequalities: changes over time

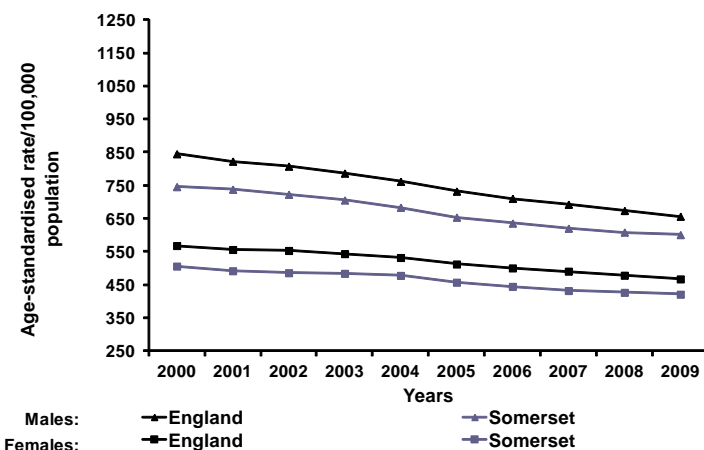
These graphs show how changes in death rates for this area compare with changes for the whole of England. Data points on the graph are mid-points of 3-year averages of yearly rates. For example the dot labelled 2003 represents the 3-year period 2002 to 2004.

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

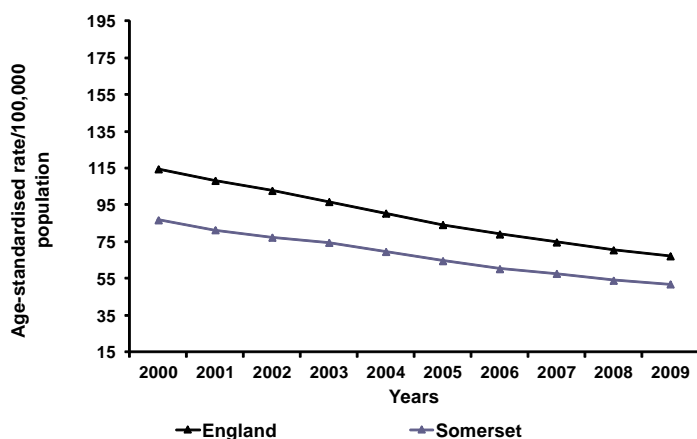
Trend 2 compares rates of early death from heart disease and stroke (in people under 75) in this area with those for England.

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

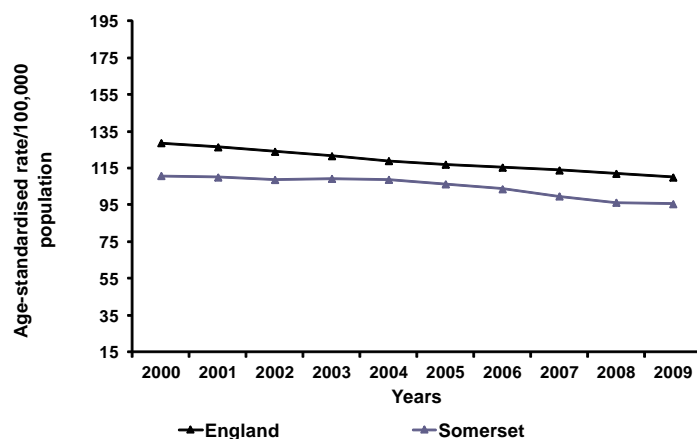
Trend 1: All age, all cause mortality



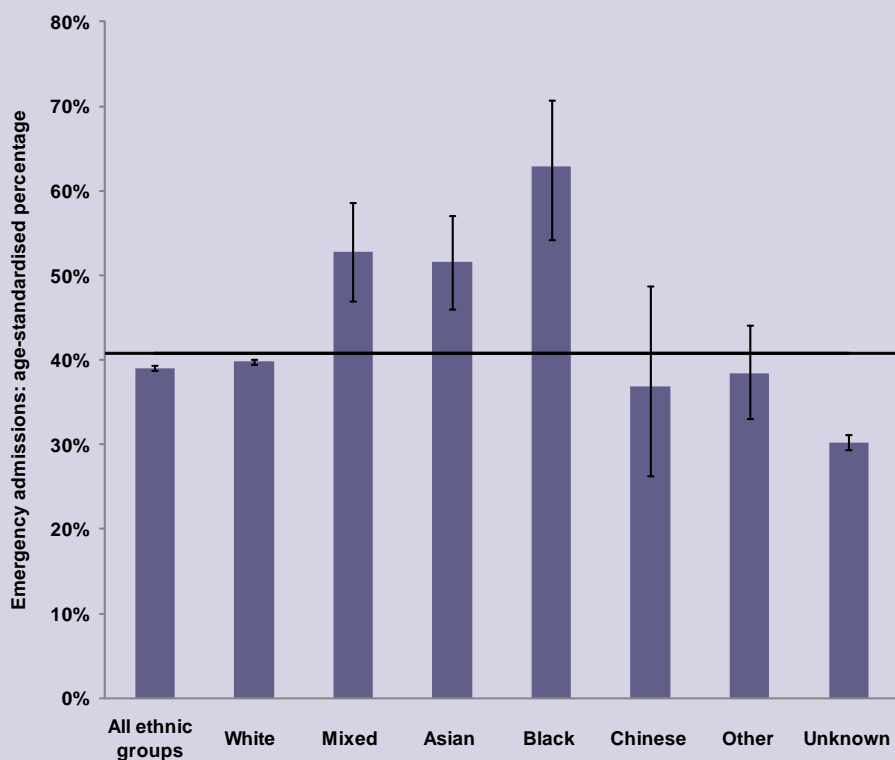
Trend 2: Early death rates from heart disease and stroke



Trend 3: Early death rates from cancer



Health inequalities: ethnicity



This chart shows the percentage of hospital admissions in 2010/11 that were emergencies for each ethnic group in this area. A high percentage of emergency admissions may reflect some patients not accessing or receiving the care most suited to managing their conditions. By comparing the percentage in each ethnic group in this area with that of the whole population of England (represented by the horizontal line) possible inequalities can be identified.

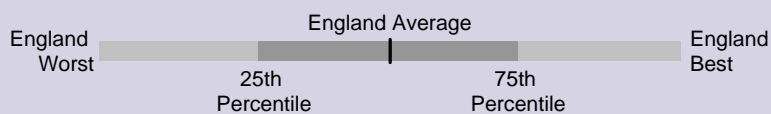
Legend:
Somerset
England average (all ethnic groups)
95% confidence intervals

Figures based on small numbers of admissions have been suppressed to avoid any potential disclosure of information about individuals.

	All ethnic groups	White	Mixed	Asian	Black	Chinese	Other	Unknown	
	52427	48493	165	161	81	25	113	3389	Local number of emergency admissions
	39.0%	39.8%	52.8%	51.6%	62.8%	36.8%	38.4%	30.3%	Local value
	40.8%	41.3%	39.7%	45.3%	44.2%	37.4%	46.6%	31.1%	England value

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 black 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



Domain	Indicator	Local No. Per Year	Local Value	Eng Avg	Eng Worst	England Range	Eng Best
Our communities	1 Deprivation	20625	3.9	19.8	83.0	[Grey bar, red dot]	0.0
	2 Proportion of children in poverty ‡	14425	15.6	21.9	50.9	[Grey bar, green dot]	6.4
	3 Statutory homelessness ‡	620	2.7	2.0	10.4	[Grey bar, red dot]	0.0
	4 GCSE achieved (5A*-C inc. Eng & Maths)	3122	57.0	58.4	40.1	[Grey bar, red dot]	79.9
	5 Violent crime	6329	12.1	14.8	35.1	[Grey bar, green dot]	4.5
	6 Long term unemployment	582	1.8	5.7	18.8	[Grey bar, green dot]	0.9
Children's and young people's health	7 Smoking in pregnancy ‡	997	17.9	13.7	32.7	[Grey bar, red dot]	3.1
	8 Breast feeding initiation ‡	4448	79.7	74.5	39.0	[Grey bar, green dot]	94.7
	9 Obese Children (Year 6) ‡	758	16.5	19.0	26.5	[Grey bar, green dot]	9.8
	10 Alcohol-specific hospital stays (under 18)	82	73.8	61.8	154.9	[Grey bar, red dot]	12.5
	11 Teenage pregnancy (under 18) ‡	323	30.9	38.1	64.9	[Grey bar, green dot]	11.1
Adults' health and lifestyle	12 Adults smoking ‡	n/a	20.4	20.7	33.5	[Grey bar, yellow dot]	8.9
	13 Increasing and higher risk drinking	n/a	23.3	22.3	25.1	[Grey bar, yellow dot]	15.7
	14 Healthy eating adults	n/a	29.7	28.7	19.3	[Grey bar, yellow dot]	47.8
	15 Physically active adults ‡	n/a	12.2	11.2	5.7	[Grey bar, yellow dot]	18.2
	16 Obese adults ‡	n/a	25.9	24.2	30.7	[Grey bar, red dot]	13.9
Disease and poor health	17 Incidence of malignant melanoma	107	18.9	13.6	26.8	[Grey bar, red dot]	2.7
	18 Hospital stays for self-harm ‡	1089	241.7	212.0	509.8	[Grey bar, red dot]	49.6
	19 Hospital stays for alcohol related harm ‡	12033	1667	1895	3276	[Grey bar, green dot]	910
	20 Drug misuse	1934	5.9	8.9	30.2	[Grey bar, green dot]	1.3
	21 People diagnosed with diabetes ‡	24405	5.6	5.5	8.1	[Grey bar, yellow dot]	3.3
	22 New cases of tuberculosis	11	2.1	15.3	124.4	[Grey bar, green dot]	0.0
	23 Acute sexually transmitted infections	2272	433	775	2276	[Grey bar, green dot]	152
	24 Hip fracture in 65s and over ‡	655	401	452	655	[Grey bar, green dot]	324
Life expectancy and causes of death	25 Excess winter deaths ‡	322	18.6	18.7	35.0	[Grey bar, yellow dot]	4.4
	26 Life expectancy – male	n/a	79.5	78.6	73.6	[Grey bar, green dot]	85.1
	27 Life expectancy – female	n/a	83.7	82.6	79.1	[Grey bar, green dot]	89.8
	28 Infant deaths ‡	20	3.6	4.6	9.3	[Grey bar, yellow dot]	1.2
	29 Smoking related deaths	886	171	211	372	[Grey bar, green dot]	125
	30 Early deaths: heart disease and stroke ‡	358	52.0	67.3	123.2	[Grey bar, green dot]	35.5
	31 Early deaths: cancer ‡	646	95.6	110.1	159.1	[Grey bar, green dot]	77.9
	32 Road injuries and deaths ‡	272	52.0	44.3	128.8	[Grey bar, red dot]	14.1

‡ Substantially similar to indicator proposed in the Public Health Outcomes Framework published January 2012

Indicator Notes

1 % people in this area living in 20% most deprived areas in England, 2010 2 % children (under 16) in families receiving means-tested benefits & low income, 2009 3 Crude rate per 1,000 households, 2010/11 4 % at Key Stage 4, 2010/11 5 Recorded violence against the person crimes, crude rate per 1,000 population, 2010/11 6 Crude rate per 1,000 population aged 16-64, 2011 7 % mothers smoking in pregnancy where status is known, 2010/11 8 % mothers initiating breast feeding where status is known, 2010/11 9 % school children in Year 6 (age 10-11), 2010/11 10 Persons under 18 admitted to hospital due to alcohol-specific conditions, crude rate per 100,000 population, 2007/08 to 2009/10 (pooled) 11 Under-18 conception rate per 1,000 females aged 15-17 (crude rate) 2008-2010 12 % adults aged 18 and over, 2010/11 13 % aged 16+ in the resident population, 2008/2009 14 % adults, modelled estimate using Health Survey for England 2006-2008 15 % aged 16 and over, Oct 2009-Oct 2011 16 % adults, modelled estimate using Health Survey for England 2006-2008 17 Directly age standardised rate per 100,000 population, aged under 75, 2006-2008 18 Directly age sex standardised rate per 100,000 population, 2010/11 19 Directly age sex standardised rate per 100,000 population, 2010/11 20 Estimated users of opiate and/or crack cocaine aged 15-64, crude rate per 1,000 population, 2009/10 21 % people on GP registers with a recorded diagnosis of diabetes 2010/11 22 Crude rate per 100,000 population, 2008-2010 23 Crude rate per 100,000 population, 2010 (chlamydia screening coverage may influence rate) 24 Directly age and sex standardised rate for emergency admissions, per 100,000 population aged 65 and over, 2010/11 25 Ratio of excess winter deaths (observed winter deaths minus expected deaths based on non-winter deaths) to average non-winter deaths 1.08.07.31.07.10 26 At birth, 2008-2010 27 At birth, 2008-2010 28 Rate per 1,000 live births, 2008-2010 29 Directly age standardised rate per 100,000 population aged 35 and over, 2008-2010 30 Directly age standardised rate per 100,000 population aged under 75, 2008-2010 31 Directly age standardised rate per 100,000 population aged under 75, 2008-2010 32 Rate per 100,000 population, 2008-2010

More information is available at www.healthprofiles.info Please send any enquiries to healthprofiles@sepho.nhs.uk

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