

# Bournemouth

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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**Population 163,900**

Mid-2008 population estimate  
Source: National Statistics website: [www.statistics.gov.uk](http://www.statistics.gov.uk)



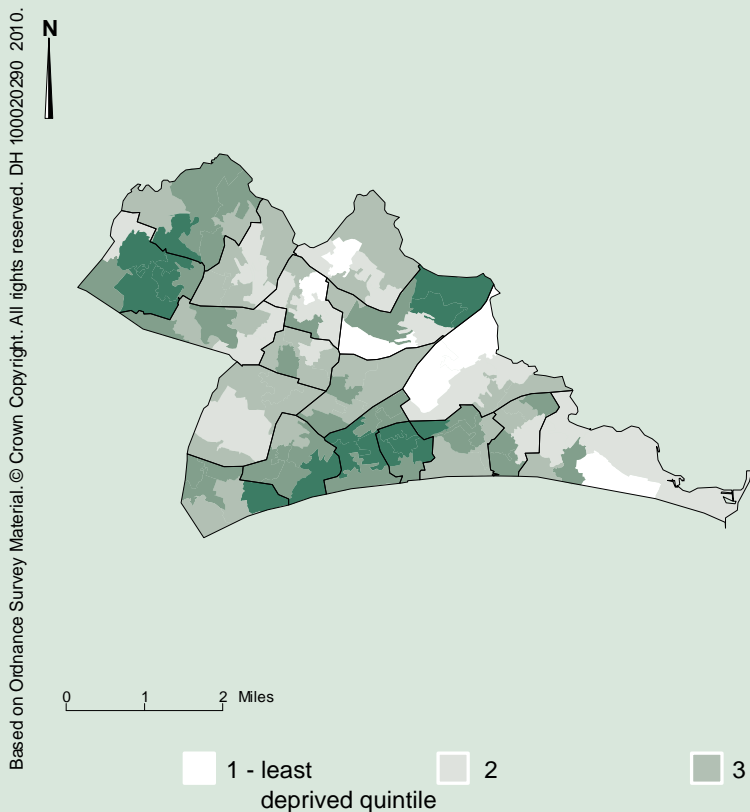
## Bournemouth at a glance

- The health of people in Bournemouth is similar to the England average. However, there are inequalities in life expectancy within Bournemouth. Men living in the most deprived areas can expect to live 8 years less than those in the least deprived areas. For women this gap is 5 years.
- The early death rate from heart disease and stroke has fallen over the last 10 years and is better than the England average.
- The level of breastfeeding initiation is higher than the England average. The percentage of children spending at least 3 hours per week on school sport is higher than average. The percentage of children in Reception year classified as obese is lower.
- Estimated adult rates of smoking, physical activity and binge drinking are similar to the England average. Although the death rate from smoking is lower than the average, smoking still kills around 290 people every year in Bournemouth. The level of smoking during pregnancy is better than the England average.
- The rate of new cases of malignant melanoma skin cancer is higher than the England average.
- The Local Area Agreement for Bournemouth makes tackling health inequalities a priority, including drug and alcohol misuse, sexual health, smoking cessation, and physical activity.
- For more information, please refer to the Bournemouth and Poole Joint Strategic Needs Assessment at [www.bournemouthandpoole.nhs.uk](http://www.bournemouthandpoole.nhs.uk)

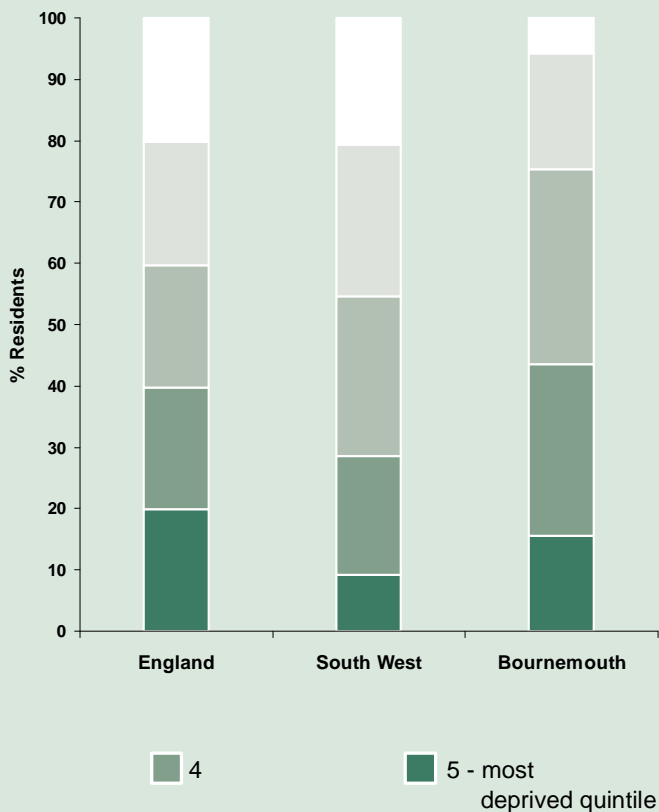


## Deprivation: a national view

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

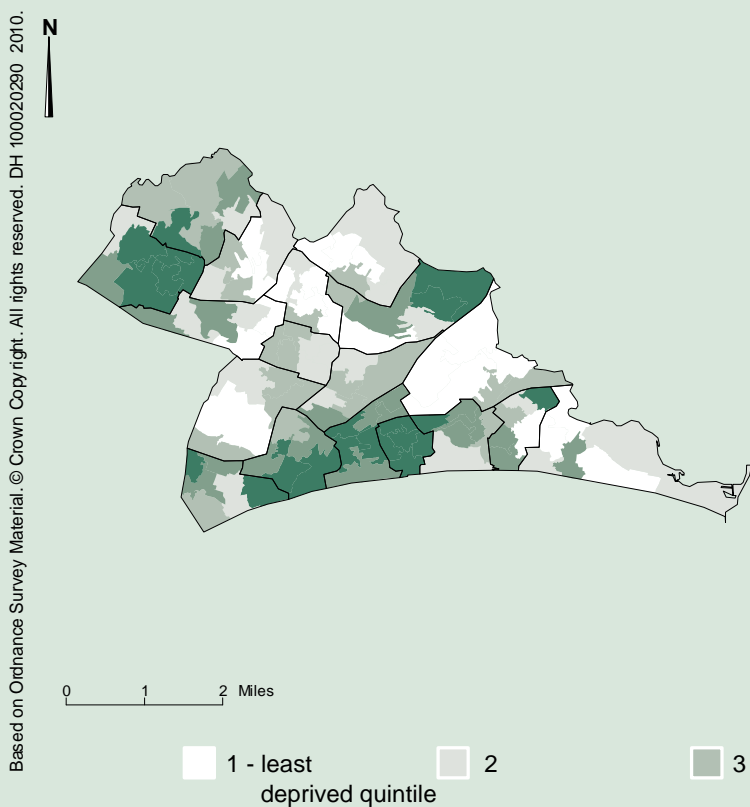


This chart shows the percentage of the population in England, this region, and this area who live in each of these quintiles.

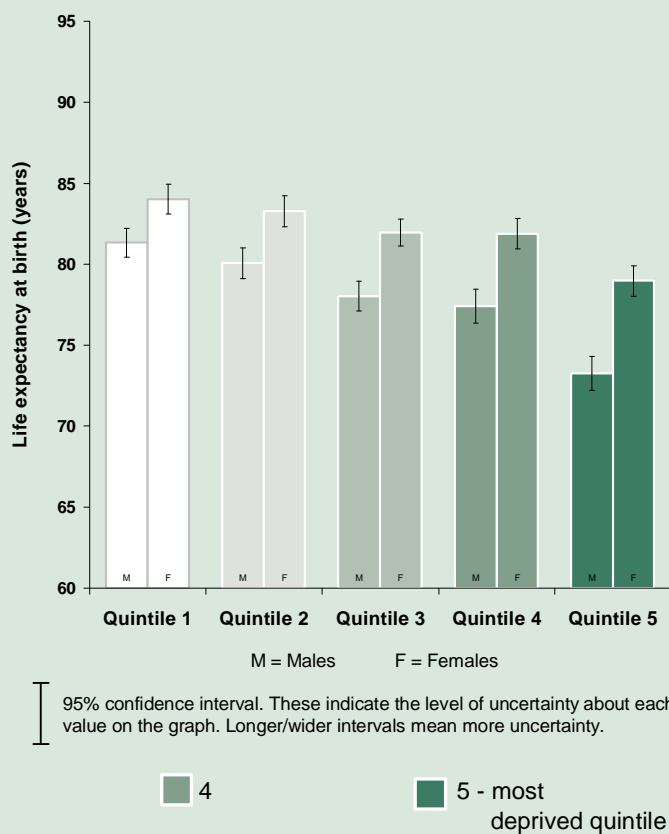


## Health inequalities: a local view

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.



## Health inequalities: changes over time

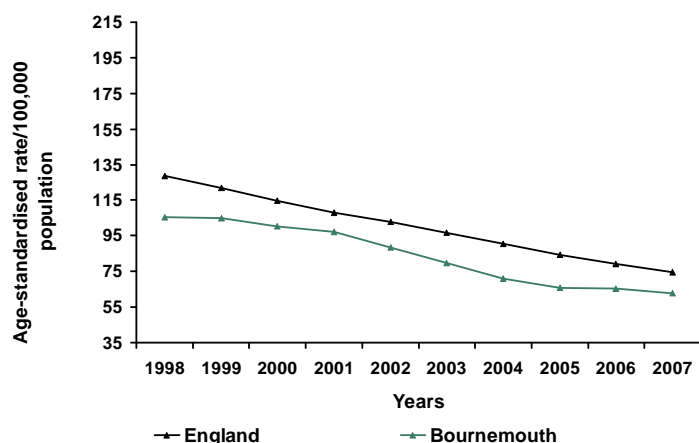
These graphs show how changes in death rates for this area compare with changes for the whole of England. Data points on the graph are mid-points of 3-year averages of yearly rates. For example the dot labelled 2003 represents the 3-year period 2002 to 2004.

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

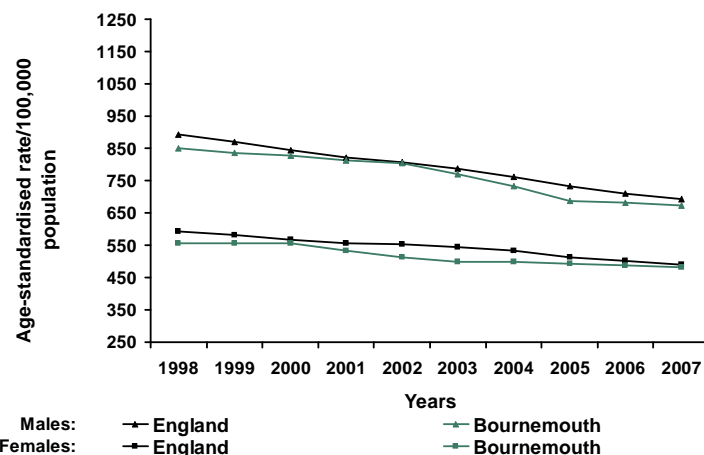
Trend 2 compares rates of early death from heart disease and stroke (in people under 75) in this area with those for England.

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

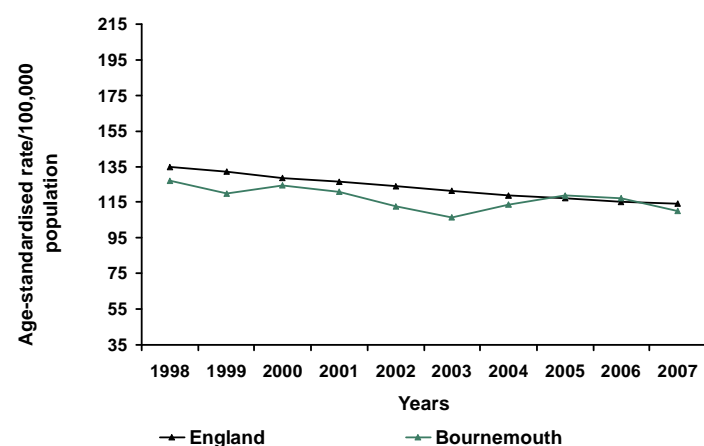
### Trend 2: Early death rates from heart disease and stroke



### Trend 1: All age, all cause mortality

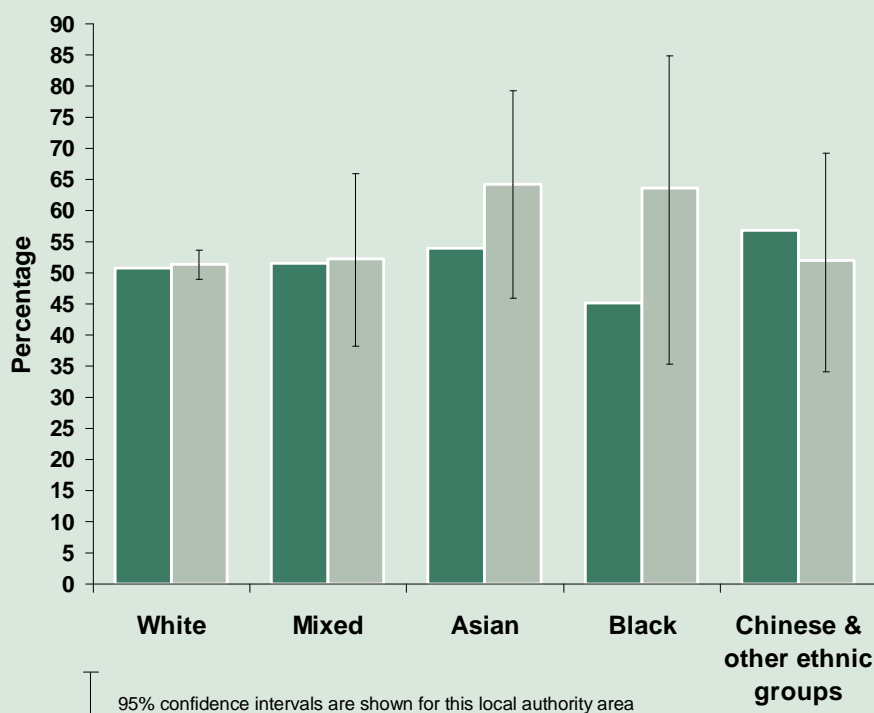


### Trend 3: Early death rates from cancer



## 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.



Legend:  
■ England  
■ Bournemouth

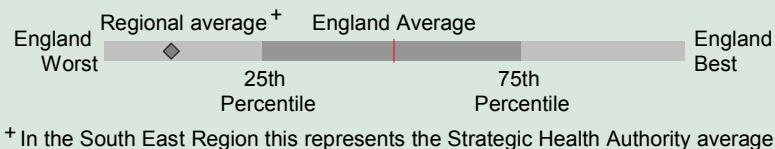
Ethnic Groups	% pupils achieved grades	No. of pupils achieved grades
White	51.3	849
Mixed	52.2	24
Asian	64.3	18
Black	63.6	7
Chinese/other	51.9	14

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.

# Health summary for Bournemouth

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



Domain	Indicator	Local No. Per Year	Local Value	Eng Avg	Eng Worst	England Range	Eng Best
Our communities	1 Deprivation	25059	15.6	19.9	89.2	[Bar chart showing local value at 15.6, England average at 19.9, and range from ~10 to ~25]	0.0
	2 Children in poverty	5734	22.2	22.4	66.5	[Bar chart showing local value at 22.2, England average at 22.4, and range from ~15 to ~30]	6.0
	3 Statutory homelessness	8	0.11	2.48	9.37	[Bar chart showing local value at 0.11, England average at 2.48, and range from ~0 to ~5]	0.00
	4 GCSE achieved (5A*-C inc. Eng & Maths)	917	51.5	50.9	32.1	[Bar chart showing local value at 51.5, England average at 50.9, and range from ~40 to ~60]	76.1
	5 Violent crime	4413	27.0	16.4	36.6	[Bar chart showing local value at 27.0, England average at 16.4, and range from ~10 to ~30]	4.8
	6 Carbon emissions	885	5.4	6.8	14.4	[Bar chart showing local value at 5.4, England average at 6.8, and range from ~3 to ~12]	4.1
Children and young people's health	7 Smoking in pregnancy	254	11.6	14.6	33.5	[Bar chart showing local value at 11.6, England average at 14.6, and range from ~5 to ~25]	3.8
	8 Breast feeding initiation	1660	76.5	72.5	39.7	[Bar chart showing local value at 76.5, England average at 72.5, and range from ~60 to ~85]	92.7
	9 Physically active children	9844	52.7	49.6	24.6	[Bar chart showing local value at 52.7, England average at 49.6, and range from ~40 to ~60]	79.1
	10 Obese children	102	7.8	9.6	14.7	[Bar chart showing local value at 7.8, England average at 9.6, and range from ~5 to ~15]	4.7
	11 Tooth decay in children aged 5 years	n/a	1.0	1.1	2.5	[Bar chart showing local value at 1.0, England average at 1.1, and range from ~0.5 to ~2]	0.2
	12 Teenage pregnancy (under 18)	105	39.4	40.9	74.8	[Bar chart showing local value at 39.4, England average at 40.9, and range from ~30 to ~50]	14.9
Adults' health and lifestyle	13 Adults who smoke	n/a	23.5	22.2	35.2	[Bar chart showing local value at 23.5, England average at 22.2, and range from ~15 to ~30]	10.2
	14 Binge drinking adults	n/a	19.7	20.1	33.2	[Bar chart showing local value at 19.7, England average at 20.1, and range from ~10 to ~25]	4.6
	15 Healthy eating adults	n/a	30.9	28.7	18.3	[Bar chart showing local value at 30.9, England average at 28.7, and range from ~20 to ~35]	48.1
	16 Physically active adults	n/a	11.0	11.2	5.4	[Bar chart showing local value at 11.0, England average at 11.2, and range from ~5 to ~15]	16.6
	17 Obese adults	n/a	24.3	24.2	32.8	[Bar chart showing local value at 24.3, England average at 24.2, and range from ~15 to ~30]	13.2
Disease and poor health	18 Incidence of malignant melanoma	27	17.7	12.6	27.3	[Bar chart showing local value at 17.7, England average at 12.6, and range from ~5 to ~25]	3.7
	19 Incapacity benefits for mental illness	4528	44.5	27.6	58.5	[Bar chart showing local value at 44.5, England average at 27.6, and range from ~15 to ~45]	9.0
	20 Hospital stays for alcohol related harm	2763	1370	1580	2860	[Bar chart showing local value at 1370, England average at 1580, and range from ~800 to ~2200]	784
	21 Drug misuse						
	22 People diagnosed with diabetes	7270	4.44	4.30	6.72	[Bar chart showing local value at 4.44, England average at 4.30, and range from ~3 to ~6]	2.69
	23 New cases of tuberculosis	18	11	15	110	[Bar chart showing local value at 11, England average at 15, and range from ~5 to ~25]	0
	24 Hip fracture in over-65s	279	529.8	479.2	643.5	[Bar chart showing local value at 529.8, England average at 479.2, and range from ~300 to ~600]	273.6
Life expectancy and causes of death	25 Excess winter deaths	116	19.0	15.6	26.3	[Bar chart showing local value at 19.0, England average at 15.6, and range from ~10 to ~25]	2.3
	26 Life expectancy - male	n/a	78.1	77.9	73.6	[Bar chart showing local value at 78.1, England average at 77.9, and range from ~70 to ~85]	84.3
	27 Life expectancy - female	n/a	82.2	82.0	78.8	[Bar chart showing local value at 82.2, England average at 82.0, and range from ~75 to ~90]	88.9
	28 Infant deaths	7	3.54	4.84	8.67	[Bar chart showing local value at 3.54, England average at 4.84, and range from ~2 to ~8]	1.08
	29 Deaths from smoking	290	188.5	206.8	360.3	[Bar chart showing local value at 188.5, England average at 206.8, and range from ~100 to ~300]	118.7
	30 Early deaths: heart disease & stroke	109	62.5	74.8	125.0	[Bar chart showing local value at 62.5, England average at 74.8, and range from ~40 to ~100]	40.1
	31 Early deaths: cancer	186	110.3	114.0	164.3	[Bar chart showing local value at 110.3, England average at 114.0, and range from ~70 to ~150]	70.5
	32 Road injuries and deaths	87	53.5	51.3	167.0	[Bar chart showing local value at 53.5, England average at 51.3, and range from ~30 to ~100]	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<sub>2</sub> emissions per capita (tonnes CO<sub>2</sub> 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](http://www.healthprofiles.info) For information on your area contact your regional PHO: [www.apho.org.uk](http://www.apho.org.uk)

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