

North Dorset

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 67,900

Mid-2008 population estimate

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



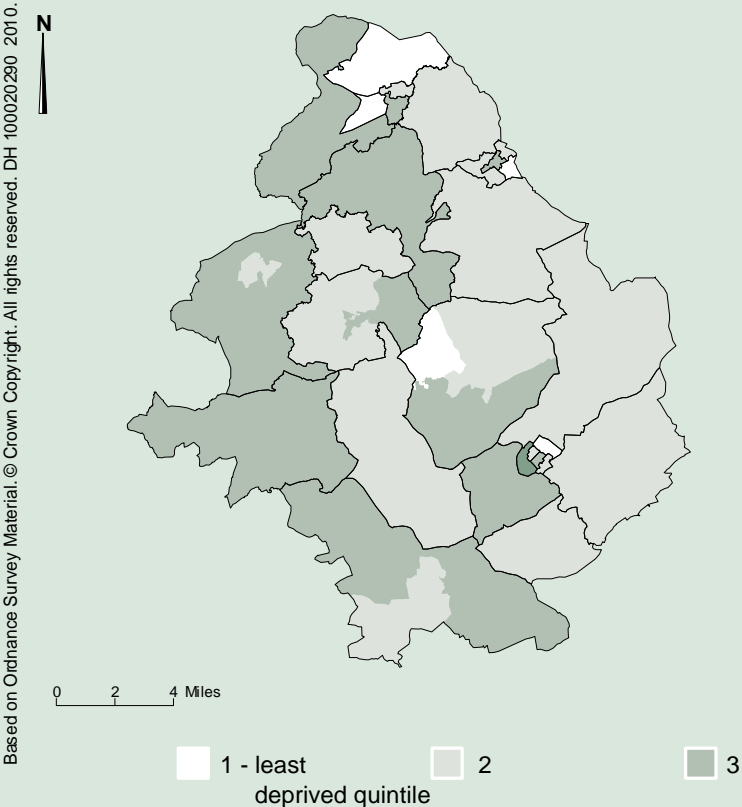
North Dorset at a glance

- The health of people in North Dorset is generally good. Life expectancy for both men and women is higher than for England as a whole.
- While overall deprivation in North Dorset is low, there are inequalities in health. Within North Dorset, the life expectancy for men in the most deprived areas is 3 years less than for those in the least deprived areas.
- Rates of early deaths from cancer, and from heart disease and stroke have been falling over the last 10 years. Both rates are better than the England average.
- The breastfeeding initiation rate is better but the proportion of women who smoke during pregnancy is worse than the England average. The rate of teenage pregnancy is lower than the England average.
- Estimated levels of smoking in adults and the rate of death from smoking in North Dorset are better than the England average.
- The rate of new cases of malignant melanoma skin cancer is higher than England as a whole.
- The rate of road injuries and deaths is higher than the England average, with almost 50 people killed or seriously injured each year on North Dorset's roads.
- The Dorset Local Area Agreement has prioritised tackling levels of physical activity, smoking and tobacco control, healthy weight, alcohol misuse and teenage pregnancy.
- For further information, refer to the Annual Public Health Report at www.dorset-pct.nhs.uk or www.dorsetforyou.com

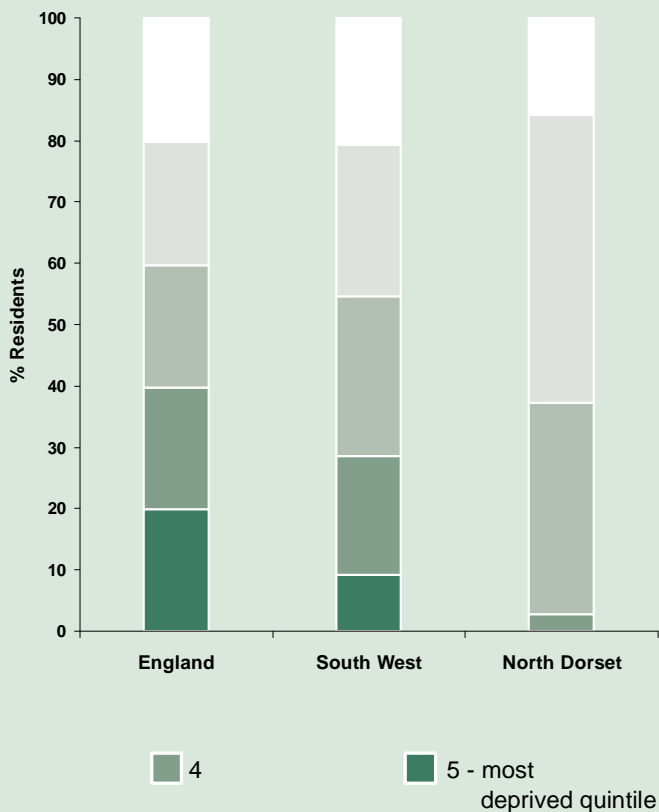


Deprivation: a national view

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.

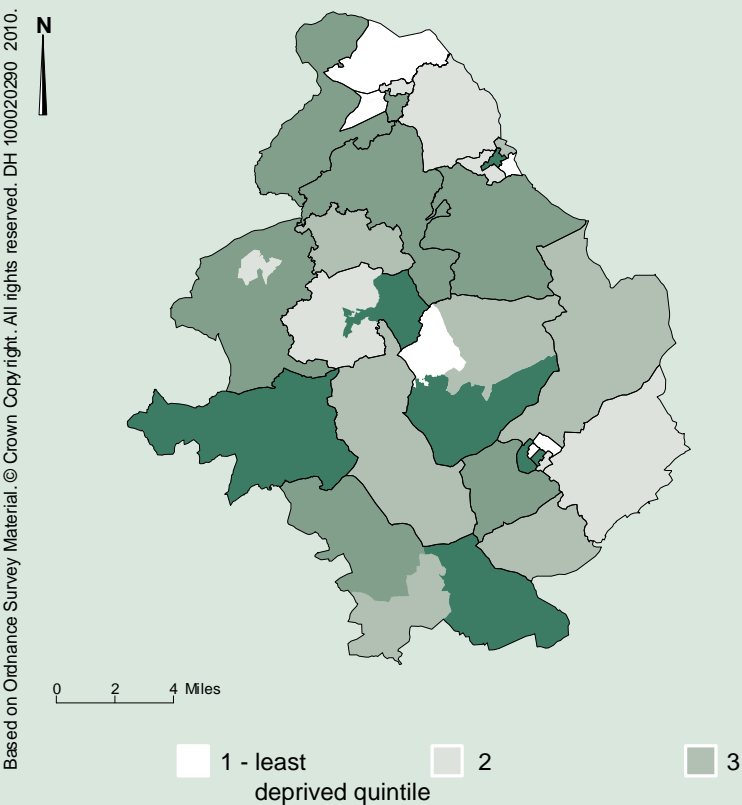


This chart shows the percentage of the population in England, this region, and this area who live in each of these quintiles.

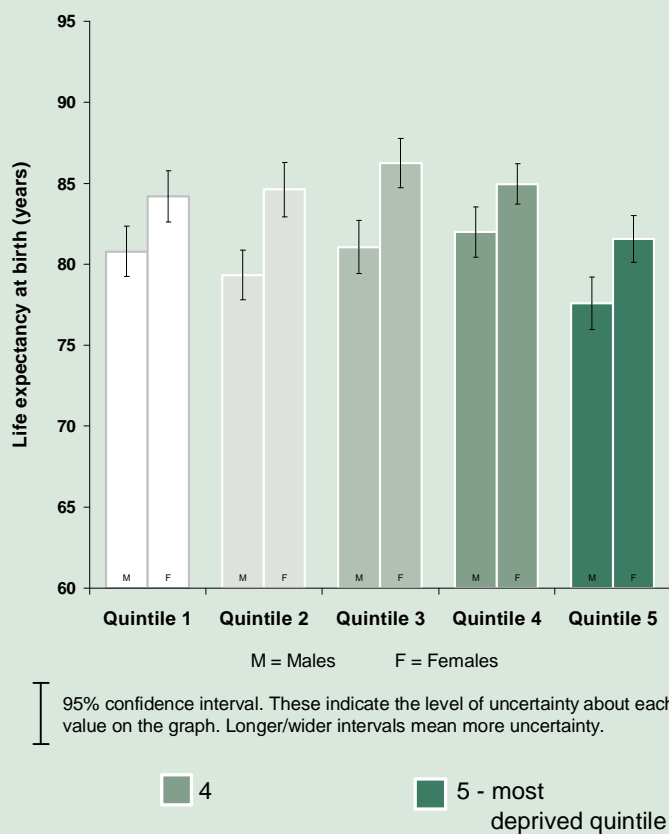


Health inequalities: a local view

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

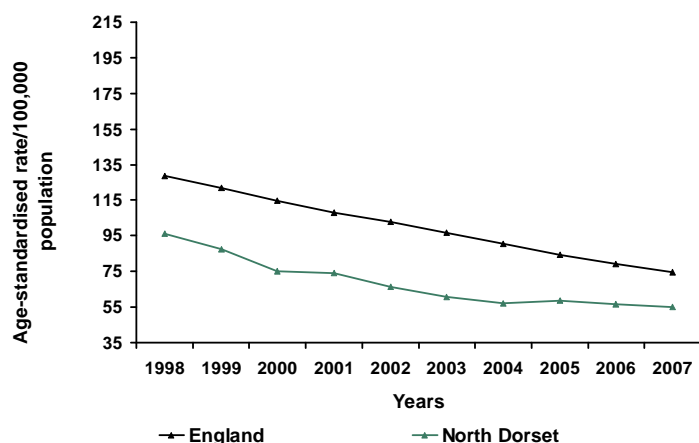
These graphs show how changes in death rates for this area compare with changes for the whole of England. Data points on the graph are mid-points of 3-year averages of yearly rates. For example the dot labelled 2003 represents the 3-year period 2002 to 2004.

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

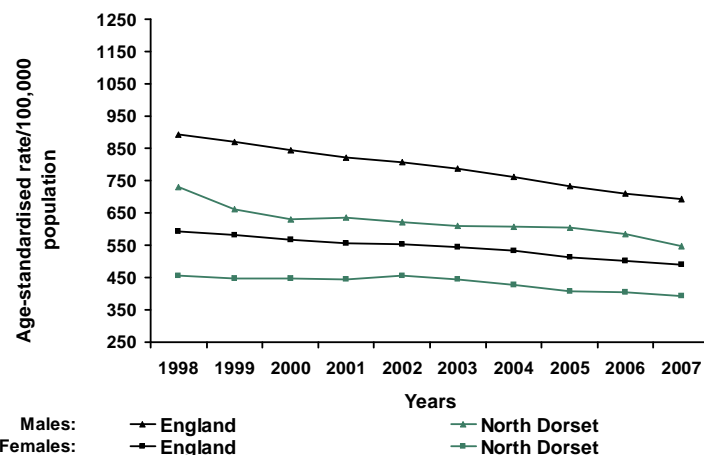
Trend 2 compares rates of early death from heart disease and stroke (in people under 75) in this area with those for England.

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

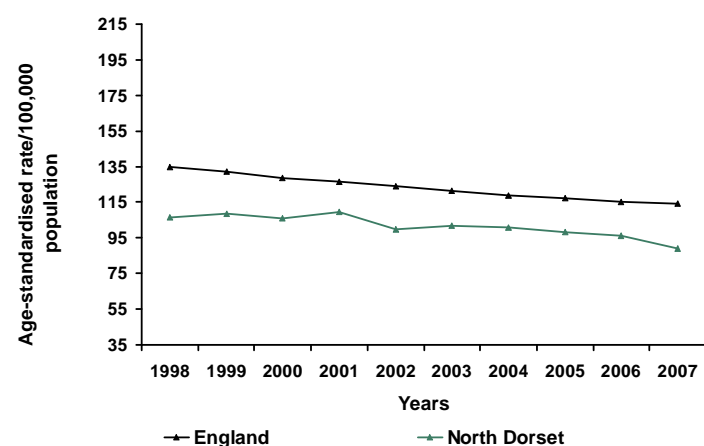
Trend 2: Early death rates from heart disease and stroke



Trend 1: All age, all cause mortality

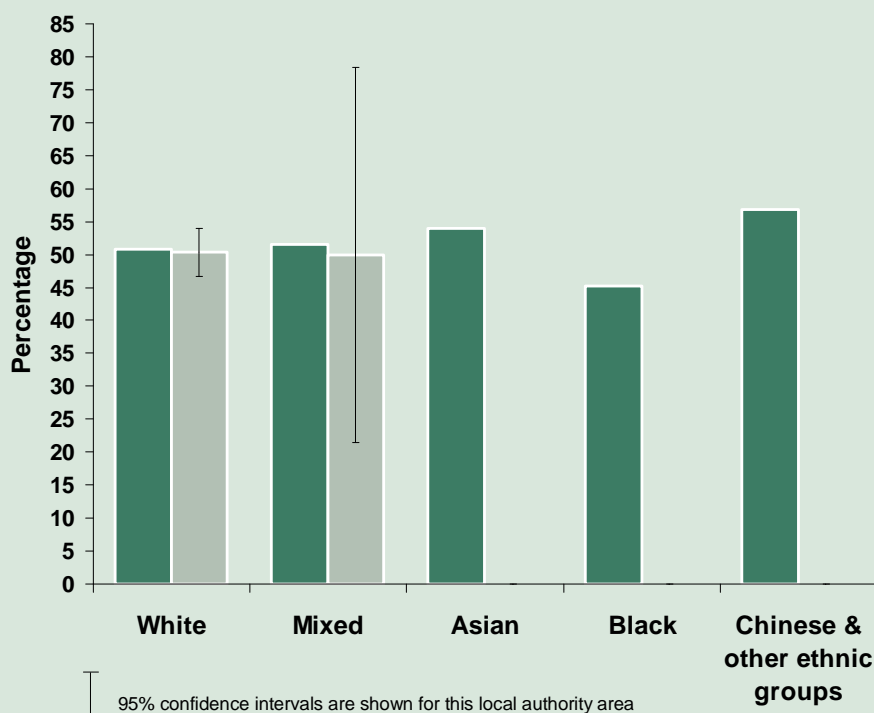


Trend 3: Early death rates from cancer



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.



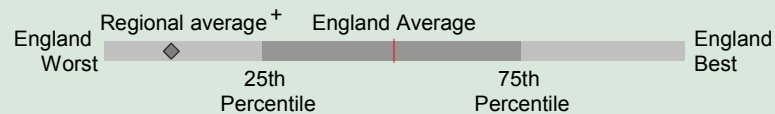
Legend:
■ England
■ North Dorset

Ethnic Groups	% pupils achieved grades	No. of pupils achieved grades
White	50.3	357
Mixed	50.0	4
Asian		
Black		
Chinese/other		

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.

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	0	0.0	19.9	89.2	[Bar chart showing local value at 0.0, significantly better than England average]	0.0
	2 Children in poverty	1371	10.6	22.4	66.5	[Bar chart showing local value at 10.6, significantly better than England average]	6.0
	3 Statutory homelessness	14	0.48	2.48	9.37	[Bar chart showing local value at 0.48, significantly better than England average]	0.00
	4 GCSE achieved (5A*-C inc. Eng & Maths)	371	50.1	50.9	32.1	[Bar chart showing local value at 50.1, significantly better than England average]	76.1
	5 Violent crime	514	7.6	16.4	36.6	[Bar chart showing local value at 7.6, significantly better than England average]	4.8
	6 Carbon emissions	430	6.4	6.8	14.4	[Bar chart showing local value at 6.4, not significantly different from England average]	4.1
Children and young people's health	7 Smoking in pregnancy	115	18.2	14.6	33.5	[Bar chart showing local value at 18.2, significantly worse than England average]	3.8
	8 Breast feeding initiation	511	80.2	72.5	39.7	[Bar chart showing local value at 80.2, significantly better than England average]	92.7
	9 Physically active children	5036	59.2	49.6	24.6	[Bar chart showing local value at 59.2, significantly better than England average]	79.1
	10 Obese children	39	6.9	9.6	14.7	[Bar chart showing local value at 6.9, significantly better than England average]	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, not significantly different from England average]	0.2
	12 Teenage pregnancy (under 18)	25	17.1	40.9	74.8	[Bar chart showing local value at 17.1, significantly better than England average]	14.9
Adults' health and lifestyle	13 Adults who smoke	n/a	17.3	22.2	35.2	[Bar chart showing local value at 17.3, significantly better than England average]	10.2
	14 Binge drinking adults	n/a	17.1	20.1	33.2	[Bar chart showing local value at 17.1, significantly better than England average]	4.6
	15 Healthy eating adults	n/a	30.8	28.7	18.3	[Bar chart showing local value at 30.8, significantly better than England average]	48.1
	16 Physically active adults	n/a	15.8	11.2	5.4	[Bar chart showing local value at 15.8, significantly better than England average]	16.6
	17 Obese adults	n/a	23.7	24.2	32.8	[Bar chart showing local value at 23.7, not significantly different from England average]	13.2
Disease and poor health	18 Incidence of malignant melanoma	13	19.0	12.6	27.3	[Bar chart showing local value at 19.0, significantly worse than England average]	3.7
	19 Incapacity benefits for mental illness	602	15.7	27.6	58.5	[Bar chart showing local value at 15.7, significantly better than England average]	9.0
	20 Hospital stays for alcohol related harm	1106	1170	1580	2860	[Bar chart showing local value at 1170, significantly better than England average]	784
	21 Drug misuse						
	22 People diagnosed with diabetes	2758	4.06	4.30	6.72	[Bar chart showing local value at 4.06, significantly better than England average]	2.69
	23 New cases of tuberculosis	2	2	15	110	[Bar chart showing local value at 2, significantly better than England average]	0
	24 Hip fracture in over-65s	65	330.4	479.2	643.5	[Bar chart showing local value at 330.4, significantly better than England average]	273.6
Life expectancy and causes of death	25 Excess winter deaths	41	20.4	15.6	26.3	[Bar chart showing local value at 20.4, significantly better than England average]	2.3
	26 Life expectancy - male	n/a	80.8	77.9	73.6	[Bar chart showing local value at 80.8, significantly better than England average]	84.3
	27 Life expectancy - female	n/a	84.3	82.0	78.8	[Bar chart showing local value at 84.3, significantly better than England average]	88.9
	28 Infant deaths	3	3.93	4.84	8.67	[Bar chart showing local value at 3.93, not significantly different from England average]	1.08
	29 Deaths from smoking	98	144.6	206.8	360.3	[Bar chart showing local value at 144.6, significantly better than England average]	118.7
	30 Early deaths: heart disease & stroke	47	54.8	74.8	125.0	[Bar chart showing local value at 54.8, significantly better than England average]	40.1
	31 Early deaths: cancer	77	89.2	114.0	164.3	[Bar chart showing local value at 89.2, significantly better than England average]	70.5
	32 Road injuries and deaths	48	71.0	51.3	167.0	[Bar chart showing local value at 71.0, significantly worse than England average]	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 CO₂ emissions per capita (tonnes CO₂ 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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