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.

Visit the Health Profiles website for:
- Profiles of all local authorities in England
- Interactive maps – see how health varies between areas
- More health indicator information
- Links to more community health profiles and tools

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

Nottingham at a glance

- The health of people in Nottingham is generally worse than the England average. Deprivation is higher than average and 21,590 children live in poverty. Life expectancy for both men and women is lower than the England average.
- Life expectancy is 9.2 years lower for men and 8.4 years lower for women in the most deprived areas of Nottingham than in the least deprived areas (based on the Slope Index of Inequality published on 5th January 2011).
- Over the last 10 years, all cause mortality rates have fallen. Early death rates from cancer and from heart disease and stroke have fallen but remain worse than the England average.
- About 21.9% of Year 6 children are classified as obese. A lower percentage than average of pupils spend at least three hours each week on school sport. Levels of teenage pregnancy and GCSE attainment are worse than the England average.
- Estimated levels of adult smoking are worse than the England average. Rates of hip fractures, road injuries and deaths, smoking related deaths and hospital stays for alcohol related harm are higher than average.
- Priorities in Nottingham include teenage pregnancy, smoking and early deaths from heart disease and stroke. For more information see www.nottinghamcity.nhs.uk

Population 301,000
Mid-2009 population estimate
Source: National Statistics website: www.statistics.gov.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.

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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 (2005-2009) for each of the quintiles in this area.

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

Health inequalities: ethnicity

This chart shows the percentage of pupils by ethnic group in this area who achieved five GCSEs in 2009/10 (A* to C grades including English and Maths). Comparing results may help find possible inequalities between ethnic groups.

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 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.

1. Significantly worse than England average
2. Not significantly different from England average
3. Significantly better than England average

### Health summary for Nottingham

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.

1. Significantly worse than England average
2. Not significantly different from England average
3. Significantly better than England average

### Domain
#### Our communities
- **1 Deprivation**: Local No. Per Year 168000, Local Value 59.3, Eng Avg 19.9, Eng Worst 89.2, England Range 0.0, England Best 5.7
- **2 Proportion of children in poverty**: Local Value 21590, Eng Avg 36.3, Eng Worst 20.9, England Range 5.7
- **3 Statutory homelessness**: Local Value 616, Eng Avg 4.89, Eng Worst 1.86, England Range 0.08
- **4 GCSE achieved (A*-C inc. Eng & Maths)**: Local Value 1098, Eng Avg 44.9, Eng Worst 55.3, England Range 78.6
- **5 Violent crime**: Local Value 7742, Eng Avg 26.1, Eng Worst 15.8, England Range 4.6
- **6 Long term unemployment**: Local Value 2713, Eng Avg 12.5, Eng Worst 6.2, England Range 1.0

#### Children and young people's health
- **7 Smoking in pregnancy**: Local Value 745, Eng Avg 17.5, Eng Worst 14.0, England Range 3.4
- **8 Breast feeding initiation**: Local Value 3038, Eng Avg 71.2, Eng Worst 73.6, England Range 95.2
- **9 Physically active children**: Local Value 15052, Eng Avg 50.5, Eng Worst 55.1, England Range 80.3
- **10 Obese children (Year 6)**: Local Value 584, Eng Avg 21.9, Eng Worst 18.7, England Range 28.6
- **11 Children's tooth decay (at age 12)**: n/a, Eng Avg 0.9, Eng Worst 0.7, England Range 0.2
- **12 Teenage pregnancy (under 18)**: Local Value 311, Eng Avg 64.2, Eng Worst 40.2, England Range 14.6

#### Adults health and lifestyle
- **13 Adults smoking**: n/a, Eng Avg 26.4, Eng Worst 21.2, England Range 34.7
- **14 Increasing and higher risk drinking**: n/a, Eng Avg 22.2, Eng Worst 23.6, England Range 39.4
- **15 Healthy eating adults**: n/a, Eng Avg 26.6, Eng Worst 28.7, England Range 19.3
- **16 Physically active adults**: n/a, Eng Avg 10.8, Eng Worst 11.5, England Range 5.8
- **17 Obese adults**: n/a, Eng Avg 22.7, Eng Worst 24.2, England Range 30.7

#### Disease and personal health
- **18 Incidence of malignant melanoma**: Local Value 20, Eng Avg 7.5, Eng Worst 13.1, England Range 27.2
- **19 Hospital stays for self-harm**: Local Value 768, Eng Avg 246.5, Eng Worst 198.3, England Range 497.5
- **20 Hospital stays for alcohol related harm**: Local Value 6118, Eng Avg 2181, Eng Worst 1743, England Range 3114
- **21 Drug misuse**: Local Value 3065, Eng Avg 14.2, Eng Worst 9.4, England Range 23.8
- **22 People diagnosed with diabetes**: Local Value 13029, Eng Avg 4.92, Eng Worst 5.40, England Range 7.87
- **23 New cases of tuberculosis**: Local Value 75, Eng Avg 25, Eng Worst 15, England Range 120
- **24 Hip fracture in 65s and over**: Local Value 293, Eng Avg 599, Eng Worst 457.6, England Range 631.3
- **25 Excess winter deaths**: Local Value 150, Eng Avg 19.5, Eng Worst 18.1, England Range 32.1
- **26 Life expectancy - male**: n/a, Eng Avg 75.2, Eng Worst 78.3, England Range 73.7
- **27 Life expectancy - female**: n/a, Eng Avg 80.3, Eng Worst 82.3, England Range 79.1
- **29 Smoking related deaths**: Local Value 469, Eng Avg 302.6, Eng Worst 216.0, England Range 361.5
- **30 Early deaths: heart disease & stroke**: Local Value 223, Eng Avg 97.9, Eng Worst 70.5, England Range 122.1
- **31 Early deaths: cancer**: Local Value 312, Eng Avg 138.8, Eng Worst 112.1, England Range 159.1
- **32 Road injuries and deaths**: Local Value 161, Eng Avg 54.2, Eng Worst 48.1, England Range 155.2

### Indicator Notes
1. 1% of people in this area living in 20% most deprived areas in England 2007
2. 2% children in families receiving means-tested benefits & low income 2008
3. Crude rate per 1,000 households 2009/10 4% at Key Stage 4 2009/10
4. Recorded violence against the person crimes crude rate per 1,000 population 2009/10
5. 6 Crude rate per 1,000 population aged 16-64, 2010
6. 7% of mothers smoking in pregnancy where status is known 2009/10 8% of mothers initiating breastfeeding where status is known 2009/10 9% of year 1-13 pupils who spend at least 3 hours per week on high quality PE and school sport 2009/10 10% of school children in Year 6 2009/10
7. 11 Weighted mean number of decayed, missing or filled teeth in 12-year-olds, 2008/09
8. 12 Under-18 conception rate per 1,000 females aged 15-17 (crude rate) 2007-2009 (provisional)
9. 13% adults aged 18+, 2009/10
10. 14% aged 16+ in the resident population, 2008 15% adults, modelled estimate using Health Survey for England 2006-2008 (revised) 16% aged 16+ 2009/10 17% adults, modelled estimate using Health Survey for England 2006-2008 (revised) 18 Directly age standardised rate per 100,000 population under 75, 2005-2007 19 Directly age and sex standardised rate per 100,000 population 2009/10
20. 21 Estimated problem drug users using crack and/or opiates aged 15-64 per 1,000 resident population, 2008/09
21. 22% of people on GP registers with a recorded diagnosis of diabetes 2009/10 23 Crude rate per 100,000 population 2007-2009 24 Directly age and sex standardised rate for emergency admission 65+, 2009/10 25 Ratio of excess winter deaths (observed winter deaths minus expected deaths based on non-winter deaths) to average non-winter deaths 1.08-06-31.07.09 26 At birth, 2007-2009 27 At birth, 2007-2009 28 Rate per 1,000 live births 2007-2009 29 Per 100,000 population aged 35+, directly age standardised rate 2007-2009 30 Directly age standardised rate per 100,000 population under 75, 2007-2009
31. 31 Directly age standardised rate per 100,000 population under 75, 2007-2009 32 Rate per 100,000 population 2007-2009

For links to health intelligence support in your area see www.healthprofiles.info More indicator information is available online in The Indicator Guide.

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Nottingham - 10 June 2011

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