Buckingham Public Health Local Area Forum Profile 2017

**Index of Multiple Deprivation, 2015**

**Income Deprivation Affecting Children Index, 2015**

**Risk of loneliness, 2011**

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### Public Health Priorities

- This profile summarises important indicators of health and wellbeing in Buckingham.
- Two thirds of early deaths are preventable by addressing four simple risk factors: overweight, smoking, excess alcohol consumption and high blood pressure. Buckinghamshire County Council commissions a range of services that help people of all ages take control of their own health.
- Deprivation in part of Tingewick ward, and Income Deprivation Affecting Children and risk of loneliness (65+ years) in parts of Buckingham North ward are among the highest in the county (red area). There is a clear link between loneliness and poor mental and physical health.
- Reducing physical inactivity and adult obesity are areas for improvement. Excess weight is a major cause of poor health and early death. Active Bucks aims to increase levels of activity.
- Flu immunisations in over 65s is an area for improvement. Flu vaccines can prevent illness and death and help ease winter pressure on services.

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### Population, 2015

- 29,039 people live in Buckingham.
- 19.8% of people are under 16 years of age (20.2% in Bucks).
- 1.9% are aged 85+ (2.4% in Bucks).
- 5.5% of people are from a BME group (13.6% in Bucks).

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Female life expectancy is higher than the Bucks average, while male life expectancy is lower than the Bucks average.

Physical inactivity and obesity are higher than the Bucks average.

Depression, diabetes and CHD are the 3 most common conditions.

Flu immunisations (65+ years) and emergency hospital admissions for hip fractures (65+ years) are among the worst in Bucks.

Cancer is the top cause of death, but the rate of early deaths from cancer is among the best in Bucks.
Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME</td>
<td>Black and minority ethnic</td>
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<tr>
<td>Bucks</td>
<td>Buckinghamshire</td>
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<tr>
<td>CHD</td>
<td>Coronary heart disease</td>
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<tr>
<td>COPD</td>
<td>Chronic obstructive pulmonary disease</td>
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<tr>
<td>DASR</td>
<td>Directly age-standardised rate</td>
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<tr>
<td>LSOA</td>
<td>Lower layer super output area (approximately 1,500 people)</td>
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<tr>
<td>MSOA</td>
<td>Middle layer super output area (approximately 7,500 people)</td>
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<td>QOF</td>
<td>Quality Outcomes Framework</td>
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<tr>
<td>SAR</td>
<td>Standardised admission ratio</td>
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<tr>
<td>SMR</td>
<td>Standardised mortality ratio</td>
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</tbody>
</table>

Definitions


Icons made by Freepik from www.flaticon.com

**Admissions for injuries in 15-24 year olds** - hospital admissions caused by unintentional and deliberate injuries to children and young people (aged 15-24 years) per 10,000 population, 2010/11-2014/15.

**Adult obesity** - percentage of the population aged 16+ years with a BMI of 30 or more.

**Binge drinking** - percentage of the population aged 16+ years that consumed 8 or more units of alcohol in the previous seven days (males) or 6 or more units (females).

**Black and minority ethnic population** - percentage of people stating their ethnicity as not White.

**Child development at age 5** - percentage of children with a good level of development in communication and language, physical development, personal, social and emotional development, literacy, and mathematics.

**Child poverty/Income Deprivation Affecting Children Index** - percentage of children aged 0-15 years living in income-deprived families.

**Children with excess weight (Reception Year)** - percentage of children in Reception Year (aged 4-5 years) classified as overweight or obese in the National Child Measurement Programme.

**Deaths, under 75 years** - standardised mortality ratio in people aged under 75 years.

**Emergency hospital admissions** - indirectly age standardised ratio, all ages, 2010/11-2014/15.

**Flu immunisations** - percentage of the population who are immunised.

**GCSE achievement (5 A*-C including English and maths)** - percentage of pupils achieving 5 or more GCSEs at grades A*-C (including English and maths) or equivalent in schools maintained by the Local Authority.

**Healthy eating** - percentage of the population aged 16+ years that consume 5 or more portions of fruit and vegetables per day.
Healthy life expectancy - average number of years that an individual might expect to live in "good" health in their lifetime.

Hospital admissions for self-harm in 10-24 year olds - hospital admissions as a result of intentional self-harm in children and young people (aged 10-24 years) per 100,000 population, 2015/16.

Hospital stays for alcohol-related harm - primary diagnosis is an alcohol-related condition or a secondary diagnosis is an alcohol-related external cause, indirectly age standardised ratio, all ages, 2010/11-2014/15.

Index of Multiple Deprivation, 2015 - the English Indices of Deprivation 2015 are based on 37 separate indicators, organised across seven distinct domains of deprivation which are combined, using appropriate weights, to calculate the Index of Multiple Deprivation 2015. This is an overall measure of multiple deprivation experienced by people living in an area.

Life expectancy at birth - an estimate of the average number of years a newborn baby would survive if they experienced the age-specific mortality rates for that area and time period throughout their life, 2010-14.

Long-term unemployment - average monthly claimants of Jobseeker's Allowance who have been claiming for more than 12 months, rate per 1,000 of the working age population, 2015/16.

NHS Health Checks - percentage of the eligible population offered an NHS Health Check, and percentage of the eligible population that received an NHS Health Check.

Pensioners living alone - percentage of people aged 65+ years living alone.

Physical inactivity and activity - percentage of the local authority population who are inactive (<30 minutes per week), or active (150+ minutes per week).

Risk of loneliness - a prediction of the prevalence of loneliness (based on age, marital status, living alone and general health) among usual residents, aged 65+ years.

Smoking - percentage of patients aged 15+ years who are recorded as current smokers and have a record of an offer of support and treatment within the preceding 24 months.

Methods {1, 2, 3}

1. MSOA-level data were available in Local Health. The value of an indicator for an LSOA was taken to be the value of the indicator for the MSOA containing the LSOA. LSOA-level population weights were used to calculate values of an indicator for each Local Area Forum. Estimates of the population at LSOA level were obtained from all-age, GP-registered patients. For each indicator, Local Area Forums were grouped into three groups (Best, Middle, Worst) containing approximately equal numbers of the eligible population.

2. Data were available for Buckinghamshire residents registered at Buckinghamshire practices only. Admissions were assigned to Local Area Forums based on the LSOA of residence in the hospital data set. Due to the small numbers of admissions, grouping into three groups (Best, Middle, Worst) was not undertaken.

3. Practice-level data were used to estimate the number of people with disease and who were eligible in each LSOA using GP-registered populations at LSOA level. The prevalence for a Local Area Forum was obtained by aggregating the number of people with disease and who were eligible at LSOA level. For patients registered at non-Bucks practices, values were imputed using the England average.