

**Facts and figures – oral health within the population of Tower Hamlets**

1. **Overview of population**

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| --- | --- | --- | --- |
|  | Tower Hamlets | London | England |
| Number of people in the population (2011) | 254,096 | 8,173941 | 53,012456 |
| Size (2011) | 19.77km2 | 1572.15km2 | 130278.43km2 |
| Life expectancy at birth – males (2009-11) | 77 | 79 | 79 |
| Life expectancy at birth – females (2009-11) | 82 | 84 | 83 |
| Proportion of population belonging to a Black Minority Ethnic (BME) group[[1]](#footnote-1) | 69% | 55% | 20% |
| Average IMD (Index of Multiple Deprivation) (2010)[[2]](#footnote-2) | 40% | - | - |
| Child Poverty[[3]](#footnote-3) | 46% | 27% | 20% |
| Adult smokers aged 18 and over (2011/12) | 22% | 21% | 21% |
| Increasing and higher risk drinking in adults in (2008/09) | 19% | 23% | 24% |
| Healthy eating adults[[4]](#footnote-4) | 30% | 36% | 29% |
| Physically active adults[[5]](#footnote-5) | 55% | Data not available | 56% |
| Child Obesity (aged 4-5 years)[[6]](#footnote-6) | 13% | 11% | 9% |
| Child Obesity (aged 10-11 years) | 26.5% | 22.4% | 18.9% |
| Adult Obesity[[7]](#footnote-7) | 25.6% | Data not available | 24.2% |

Sources: Public Health England: Health Profile 2013 –Tower Hamlets http://www.apho.org.uk/resource/view.aspx?RID=50215&REGION=50156&SPEAR=

1. **Dental health among children in Tower Hamlets**

Like many childhood diseases, there is a positive correlation between tooth decay experience and socio-economic deprivation.

London boroughs with higher Index of Multiple Deprivation (IMD) 2010 scores (Tower Hamlets scored 40%) had a higher average number of untreated decayed, filled and missing teeth in five-year-old children in 2012.

* Average number of **decayed teeth** in 5-year-old children (2012) in Tower Hamlets is 1.36 (compared with 0.94 in London and 0.73 in England).
* Average number of **missing teeth** in 5-year-old children (2012) in Tower Hamlets is 0.21 (compared with 0.13 in London and 0.11 in England).
* Average number of **filled teeth** in 5-year-old children (2012) in Tower Hamlets is 0.21 (compared with 0.16 in London and 0.11 in England).
* 46% of 5-year-olds in Tower Hamlets experience **tooth decay** (compared with 33% in London and 28% in England). *This is the highest percentage of all the London boroughs.*
* 41% of 5-year-old children in Tower Hamlets had one or more **decayed tooth** in 2012 (compared to 29% in London and 25% in England). *This is the highest percentage of all the London boroughs.*
* The average number of **decayed, missing and filled teeth** among 5-year-old children in Tower Hamlets was 1.75 in 2008 (compared with 1.31 in London and 1.11 in England) and 1.78 in 2012 (compared with 1.23 in London and 0.94 in England).
* 39% of 5-year-old children in Tower Hamlets had one or **more decayed, missing or filled tooth** in 2008 (compared with 33% in London and 31% in England) and 46% of children in Tower Hamlets had one or more decayed, missing or filled tooth in 2012 (compared with 33% in London and 28% in England).
* 35% of 5-year-old children in Tower Hamlets had one or more **decayed tooth** in 2008 (compared with 29% in London and 28% in England) and 41% of children had one or more decayed tooth in 2012 (compared with 29% in London 25% in England).
* 47% of children living in Tower Hamlets aged 17 and under attended a dentist in the preceding 24 months in September 2013 (compared with 59% in London and 72% in England).
* Only 8% of children in Tower Hamlets visited a dentist aged 0-2years, as recommended by NICE, (compared with 13% in London).

1. **Dental health among adults in Tower Hamlets**

* Average number of **decayed, missing and filled adult** teeth in Tower Hamlets (2008) was 6.1. This compares with 12.2 in London (2008) and 14 in England (2008).
* 2.4% of adults in Tower Hamlets had **no natural teeth** (2008). This compares with 4% in London (2008) and 6% in England (2008).
* 92% of Tower Hamlets adults have **21 or more teeth**. This compares with 91% in London (2008) and 86% in England (2008).
* 38% of adults living in Tower Hamlets attended a dentist in the preceding 24 months in September 2013 (compared with 44% in London and 55% in England).

1. **Rates of head, neck and oral cancer among adults in Tower Hamlets**

* There were 123 new cases of **head and neck cancer** reported in Tower Hamlets between 2000 and 2004.
* Tower Hamlets had 20.6 **oral cancer** registrations per 100,000 population in 2009-11. This compares with 13.2 oral cancer registrations per 100,000 population in London and 12.8 per 100,000 in England (Local Tobacco Profiles).

1. BME definition based on Audit commission definition of all ethnic groups excluding White British persons. Office for National Statistics. 2011 Census: Key Statistics and Quick Statistics for local authorities in the United Kingdom. Ethnic group, local authorities in England and Wales (KS201EW). United Kingdom. 2011. [↑](#footnote-ref-1)
2. Index of Multiple Deprivation 2010: The English Indices of Deprivation 2010; https://www.gov.uk/government/publications/english- indices-of-deprivation-2010 [↑](#footnote-ref-2)
3. Percentage of children (under 16) in families receiving means-tested benefits & low income,2010. [↑](#footnote-ref-3)
4. Percentage of adults eating 5 or more portions of fruit and vegetables per day modelled estimate using Health Survey for England 2006-2008 [↑](#footnote-ref-4)
5. Percentage of adults achieving at least 150 minutes of physical activity per week [↑](#footnote-ref-5)
6. Percentage of obese school children in Year 6 (age 10-11), and in the reception year 2012/13 National Child Measurement Programme (NCMP) Local Authority Profile: http://fingertips.phe.org.uk/profile/national-child-measurement-programme/data#gid/8000011/pat/6/ati/102/page/3/par/E12000007/are/E09000002 [↑](#footnote-ref-6)
7. Percentage of adults classified as obese modelled estimate using Health Survey for England 2006-2008 [↑](#footnote-ref-7)