

North East Locality Maternity and Child Health Profile

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Health headlines for children and young people

In Tower Hamlets

- Headline health indicators indicate significant health inequalities between Tower Hamlets and the rest of the country. Male life expectancy is 75.3 years compared to 77.82 nationally and female life expectancy is 80.4 compared to 81.95 (2006-8).
- The most important factor accounting for health inequalities between Tower Hamlets and elsewhere is socioeconomic deprivation. The borough is ranked the third most deprived nationally with the most deprived Super Output Area in London. All wards in Tower Hamlets are in the 2% most deprived wards in the country for deprivation affecting children.

Early years

- The birth rate in Tower Hamlets is similar to the London average (64.8/1000 female population aged 15-44). 45% of births are to mothers of Bangladesh origin.
- Although a higher proportion of newborns have lower birth weight than London (9.9% <2500g), infant mortality rates are not significantly different to London, although rates increased markedly in 2009.
- High breastfeeding initiation and continuation rates in comparison to London and England averages.
- Tooth decay rates in five year olds have been improving but remain higher than London.
- Childhood obesity in 4-5 year olds is the 6th highest in London.
- Smoking at time of delivery is lower than London and England rates and has continued to reduce.
- High prevalence of maternal vitamin D insufficiency and deficiency

Children and young people

- 60% of under 19s are Bangladeshi.
- Two thirds of under 16s live in low income households (the highest levels of child poverty in the country).
- 1 in 5 children under 15 have tried a cigarette (similar to national averages) and 4 out of 10 retailers are selling cigarettes to under 18s.
- Tower Hamlets has the 3rd highest prevalence of obesity in year 6 in the country.
- 3 in 10 children have ever had an alcoholic drink compared to 7 in 10 nationally (reflecting the large Muslim community in the borough).
- Teenage pregnancy rates are lower than England and London averages following a recent downward trend although recent data indicates that rates are expected to increase for 2009.

- Childhood immunisation uptake is higher than London and MMR uptake at 24 months and 5 years has increased significantly over the past year (most recent data indicates over 92% uptake of second MMR).
- The number of children on the Child Protection Register has increased sharply over recent years. This primarily reflects increases in ascertainment.
- Prevalence of mental health disorders in children is similar to national averages (around 1 in 10)

In the NE Locality

- Expected population growth in LAP 5 in the 0-19 age range is lower than across the borough as a whole, but higher in LAP 6;
- Male life expectancy in LAP 5 is two years lower than that for Tower Hamlets;
- Crude birth rates are lower than those for Tower Hamlets as a whole;
- Crude under 18 conception rates are higher in all wards than Tower Hamlets except Bromley by Bow, in which they are lower;
- Bromley by Bow and Bow West have significantly higher numbers of low birth weight births than Tower Hamlets as a whole;
- Levels of childhood immunisation are higher than Tower Hamlets levels;
- The NE Locality has lower rates of breast feeding at 6-8 weeks than Tower Hamlets as a whole;
- 5 year olds in LAP 5 have higher levels of dental caries than the Tower Hamlets average.

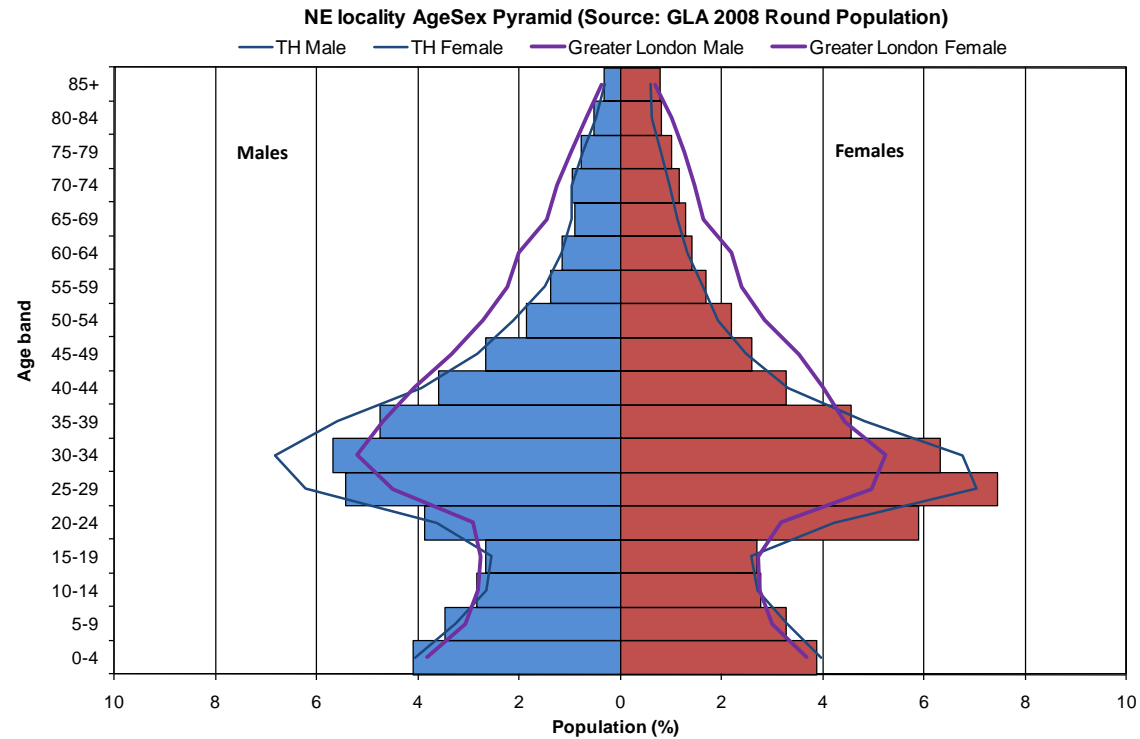
In the locality detail below the sign ‘*’ denotes a proposed indicator in Healthy Lives, Healthy People: Transparency in Outcomes, Proposals for a Public Health Outcomes Framework, while ‘‡’ denotes a proposed indicator in the NHS Outcomes Framework.

| North East Locality Maternity and Child Health Headlines | | | | |
|--|---|-------------------|---|-------------------|
| | LAP 5 | | LAP 6 | |
| 1 Demographic Data | | | | |
| 1.1 Population 00-19 | Number | As % of LAP total | Number | As % of LAP total |
| Source: GLA 2011 Round Ward Population | 00-04: 1702 | 7.4% | 00-04: 2971 | 10.1% |
| Projections | 05-09: 1323 | 5.8% | 05-09: 2524 | 8.6% |
| | 10-14: 1093 | 4.8% | 10-14: 2124 | 7.2% |
| | 15-19: 1049 | 4.6% | 15-19: 1853 | 6.3% |
| | 00-19: 5167 | 22.6% | 00-19: 9472 | 32.2% |
| Practice registered population 00-19 | LAP Total: Male 13,994 Female 14,010 | | LAP Total: Male 15,710 Female 13,972 | |
| Source: BLT CEG SQUID Audit 2010 | 00 – 05: Male 1130 | Female 1089 | 00 – 05: Male 1452 | Female: 1477 |

00 – 16: Male 2647 Female 2567
 00 - 19: Male 3219 Female 3161

00 – 16: Male 3783 Female: 3745
 00 - 19: Male 4685 Female: 4491

Population – age/sex pyramid
 Source: GLA 2008 Round Population



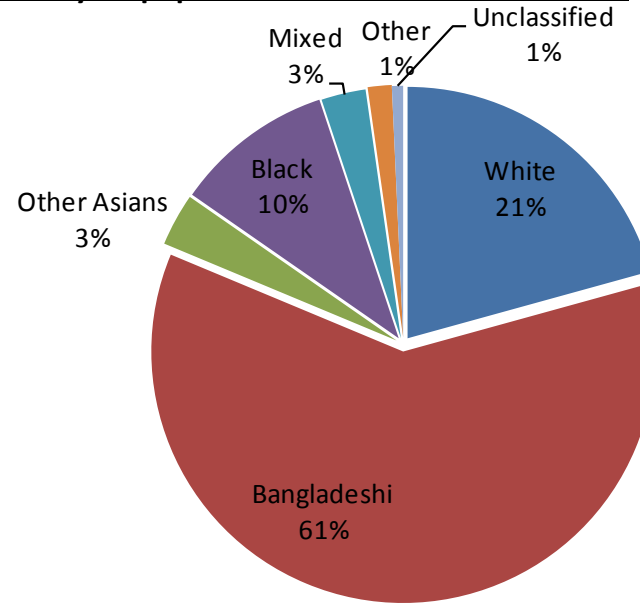
1.2 Expected Growth

The population of Tower Hamlets is expected to increase by 20,000 over the next five years, with the fastest growth rate between 2013 and 2014. The sharp rise is based on an assumption of resumption of housing development as the economic climate improves. The substantial growth in population will be spread unevenly across the Borough. 48% is expected to be in LAPs 7 and 8, 27% in LAPs 5 and 6, 21% in LAPs 1 and 2 and only 3% in LAPs 3 and 4. GLA and ONS MYE projections predict that the London population will increase by 5% and 4.3% respectively between 2010 and 2015.

| <p>Source: NHS TH/LBTH Planning for Population Change and Growth model¹</p> | <table border="1"> <thead> <tr> <th>Age</th> <th>2011-2012</th> <th>2015-2016</th> </tr> </thead> <tbody> <tr> <td>Total:</td> <td>23,781</td> <td>24,096</td> </tr> <tr> <td>00-03:</td> <td>1281</td> <td>1323</td> </tr> <tr> <td>04-10:</td> <td>1872</td> <td>1925</td> </tr> <tr> <td>11-15:</td> <td>1081</td> <td>1149</td> </tr> <tr> <td>16-19:</td> <td>827</td> <td>860</td> </tr> <tr> <td>00-19:</td> <td>5062</td> <td>5258</td> </tr> <tr> <td colspan="3">% change (00-19) 2011-12 to 2015-16: 3.8%</td> </tr> </tbody> </table> | Age | 2011-2012 | 2015-2016 | Total: | 23,781 | 24,096 | 00-03: | 1281 | 1323 | 04-10: | 1872 | 1925 | 11-15: | 1081 | 1149 | 16-19: | 827 | 860 | 00-19: | 5062 | 5258 | % change (00-19) 2011-12 to 2015-16: 3.8% | | | <table border="1"> <thead> <tr> <th>Age</th> <th>2011-2012</th> <th>2015-2016</th> </tr> </thead> <tbody> <tr> <td>Total:</td> <td>30,266</td> <td>34,993</td> </tr> <tr> <td>00-03:</td> <td>2505</td> <td>2900</td> </tr> <tr> <td>04-10:</td> <td>3708</td> <td>4154</td> </tr> <tr> <td>11-15:</td> <td>2071</td> <td>2403</td> </tr> <tr> <td>16-19:</td> <td>1419</td> <td>1542</td> </tr> <tr> <td>00-19:</td> <td>9704</td> <td>10999</td> </tr> <tr> <td colspan="3">% change (00-19) 2011-12 to 2015-16: 13.3%</td> </tr> </tbody> </table> | Age | 2011-2012 | 2015-2016 | Total: | 30,266 | 34,993 | 00-03: | 2505 | 2900 | 04-10: | 3708 | 4154 | 11-15: | 2071 | 2403 | 16-19: | 1419 | 1542 | 00-19: | 9704 | 10999 | % change (00-19) 2011-12 to 2015-16: 13.3% | | |
|---|--|-----------|-----------|-----------|---------------|--------|--------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|-----|-----|---------------|------|------|--|--|--|--|-----|-----------|-----------|---------------|--------|--------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|------|---------------|------|-------|---|--|--|
| Age | 2011-2012 | 2015-2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total: | 23,781 | 24,096 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00-03: | 1281 | 1323 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04-10: | 1872 | 1925 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11-15: | 1081 | 1149 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16-19: | 827 | 860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00-19: | 5062 | 5258 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % change (00-19) 2011-12 to 2015-16: 3.8% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Age | 2011-2012 | 2015-2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total: | 30,266 | 34,993 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00-03: | 2505 | 2900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04-10: | 3708 | 4154 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11-15: | 2071 | 2403 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16-19: | 1419 | 1542 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00-19: | 9704 | 10999 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % change (00-19) 2011-12 to 2015-16: 13.3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1.3 Ethnic breakdown total registered population <16, both sexes Source: GLA 2010 Round Project Ethnicity projections/ONS Population Estimates by Ethnic Group 2001-2007 (experimental)</p> <p>Source: BLT CEG SQUID 2009</p> | <p>The ethnic breakdown for Tower Hamlets (GLA 2008) suggests that 20.9% of the 00-19 age group are white (83.6%), 59.7% Bangladeshi (.7%), 3.9% Black African, 3% Black Other, 1.6% Black Caribbean (2.8% for all Black categories), 2.7% Other Asian (.7%), 2% Chinese (.8%), 1.7% Indian (2.6%), .9% Pakistani (1.8%) and 3.7% Other. The non-white 00-19 population is significantly larger at 79.1% than the non-white population across all age groups at 49.7% (numbers in parenthesis are ONS values for England).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹ A bespoke population model (PPCG) developed with Tower Hamlets Council that is based on the most recent housing development data and the current and anticipated impact of the recession.

NE locality Ethnicity for population under 16 and both sexes



1.4 Birth rate

Source: NHS Information Centre (NCHOD) 2008

Total period fertility rate (average number of born/woman if she followed age-specific fertility rates) Maternal ages 11-49

General fertility rate (number of live births/number of births women of childbearing age) per 1,000 female population aged 15-44)

England: 1.97 (1.96-1.97)
 London: 1.95 (1.94-1.96)
Tower Hamlets: 1.75 (1.70-1.81)

England: 63.76 (63.62-64.03)
 London: 69.32 (68.95-69.69)
Tower Hamlets: 67.08 (65.15-69.06)

The **Tower Hamlets** crude birth rate per 1000 of women aged 15-44 in 2009 is **64.8**

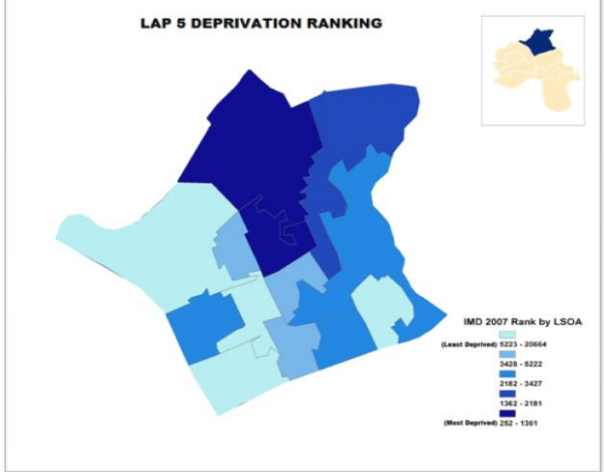
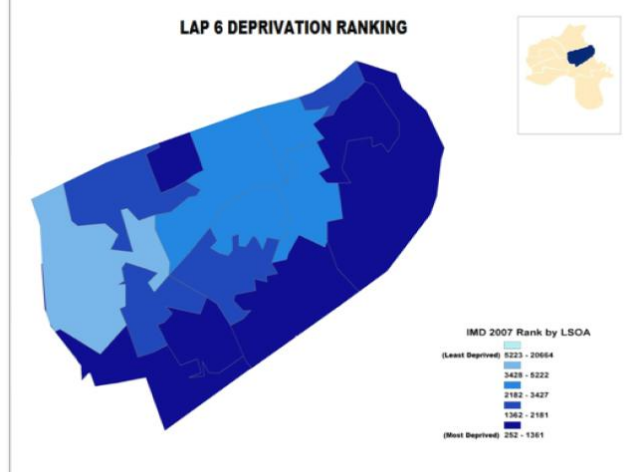
Source : Public Health Birth File (2009)
 Population from GLA 2009 round projections
 SHLAA variant

The **Lap 5** crude birth rate in 2009 was **63.2** per 1000 of women aged 15-44

The **LAP 6** crude birth rate in 2009 was **52.7** per 1000 of women aged 15-44

1.5 Birth rate projections

The numbers of births in **Tower Hamlets** are projected to remain fairly stable over the next 10 years - from

| | | |
|---|---|--|
| Source: GLA 2008 demographic projections | 4145 in 2010 to 4115 in 2020 but as suggested by the crude birth rate figures, this will be unequally distributed across the borough. | |
| 2 Socio-economic Data | | |
| 2.1 General deprivation | The borough is ranked the third most deprived nationally. 78.5% of Tower Hamlets residents live in the 20% most deprived areas in England compared to around 26% of London residents. This is reflected in statistics indicating the highest levels of child poverty in the country, amongst the highest unemployment rates in London, a high proportion of people with no qualifications, lower (but improving) educational attainment compared to the rest of the country, higher levels of overcrowding and significant levels of housing classified as 'non decent' (in 2008 52% council housing fell below the decent homes standard compared to 32% in London). | |
| |  |  |
| 2.2 Homelessness* Source: Communities and Local Government Statutory Homelessness returns 2009 | Homelessness is a social determinant of health and an indicator of extreme poverty. Statutorily homeless households contain some of the most vulnerable members of society. In 2009 Tower Hamlets had the highest number of statutory homeless households in priority need of all London boroughs (8.3 per thousand households). In Tower Hamlets 2007 6.5 per thousand households were households with pregnant women or households with dependant children. One in twelve Tower Hamlets children live in homeless households. | |
| 2.3 Children living in poverty* Source: IDAC 2007 | Growing up in poverty damages children's health and wellbeing adversely affecting their future health and life chances as adults. All wards in Tower Hamlets are in the 2% most deprived wards in the country for deprivation affecting children. | |

| | | Score | Rank | % rank (national) | | Score | Rank | % rank (national) |
|---|---|-------|------|----------------------|---|-------|------|----------------------|
| | Bow East | .695 | 18 | .2% | Mile End East | .706 | 14 | .2% |
| | Bow West | .586 | 94 | 1.2% | Bromley by Bow | .709 | 11 | .1% |
| 2.4 Access to green space* Source: ONS Neighbourhood Statistics | There is strong evidence to suggest that there is a positive relationship between green space and the general health of the population. Studies indicate that better health is linked to green space provision, regardless of the socio-economic status of the people who use it. There is strong evidence to suggest that green spaces have a beneficial impact on mental wellbeing and cognitive function through both physical access and usage. Tower Hamlets has the 3 rd lowest percentage of green space of all UK boroughs at 15.2%, although much of this is restricted access. | | | | | | | |
| 3 Health Data | | | | | | | | |
| General | | | | | | | | |
| 3.1 Life expectancy at birth* Source: LHO, 2009 (2003 – 2007 data) | <i>England life expectancy: Male: 77.3; Female: 81.5</i> <i>Tower Hamlets: Male 75.2; Female 80.8</i> LAP 5 Male: 73.5 yrs (almost 2 yrs lower than Tower Hamlets) LAP 5 Female: 80.3 yrs (similar to Tower Hamlets) Bow East Male 72.6 Female 80.9 Bow West Male 74.5 Female 79.7 | | | | <i>England life expectancy: Male: 77.3; Female: 81.5</i> <i>Tower Hamlets: Male 75.2; Female 80.8</i> LAP 6 Male 73.9 yrs (1yr lower than Tower Hamlets) LAP 6 Female 80.7 yrs (similar to Tower Hamlets) Mile End East Male 73.7 Female 77.9 Bromley by Bow Male 74.1 Female 83.6 | | | |
| Maternity and Early Years | | | | | | | | |
| 3.2 Booked by 12 weeks 6 days Source: BLT Maternity Unit | Percentage of Tower Hamlets mothers booked 2009/10: 83.68% Percentage of Tower Hamlets mothers booked Q3 2010/11: 92.16% | | | | | | | |
| 3.3 Smoking at booking and delivery* Source: BLT Maternity Unit; DH monitoring return (quarter 3 2009/10) | Smoking during pregnancy contributes to 6% of all infant deaths and accounts for about a third of the difference in infant deaths between the most and least deprived groups in the population. The proportion of mothers who smoked throughout their pregnancy is much higher in mothers under 20 years of age. England: 13.9% London: 7.1% Tower Hamlets: 5.7% | | | | | | | |
| 3.4 Under 18 conception rates (per 1000 female population aged 15-17)* | Evidence shows that teenage parenthood leads to poorer health outcomes for both teenage parents and their children - babies born to teenage parents have a 60% higher risk of infant mortality and teenage mothers and | | | | | | | |

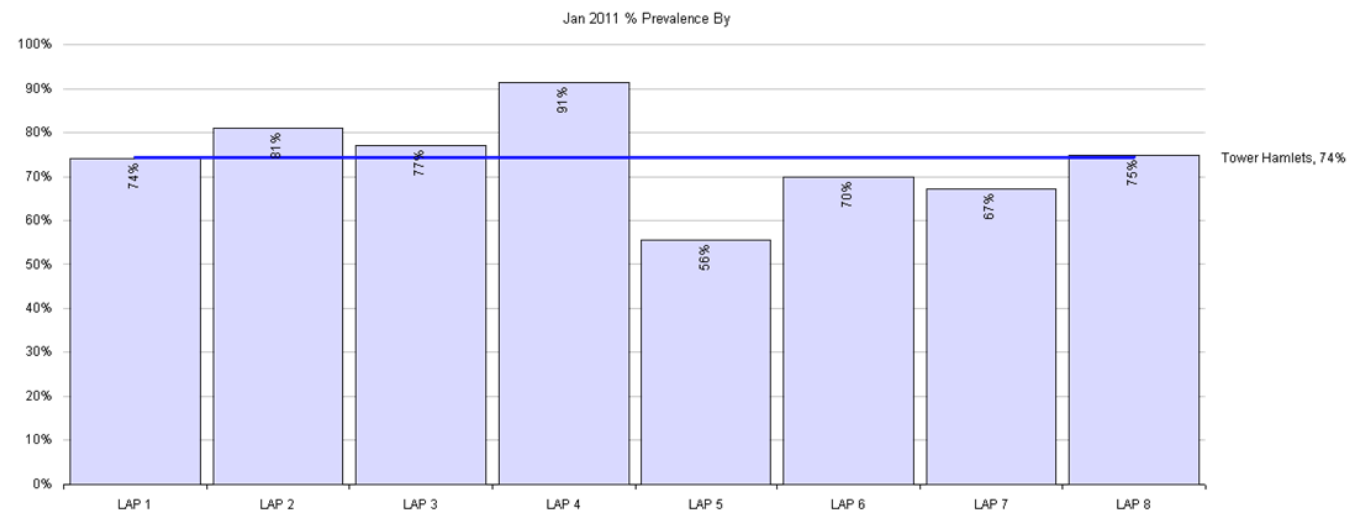
| <p>Source: Teenage Pregnancy Unit 2006-08</p> | <p>three times more likely to suffer from post-natal depression. <i>Rate per 1000 of females aged 15-17:</i> England: 40.9 London: 45.3 Tower Hamlets: 41.4</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------|--------|------------|--------------------|-----|-----|-------|------|-----|-----|--------|------|-----|-----|--------|------|-----|-----|--------|------|-----|-----|-------|------|-----|-----|-------|------|-----|-----|--------|------|--|--|--|
| <p>Ward level: ONS <18 conception rate (2005-07)</p> | <p>Tower Hamlets: 45.0/1000 Bow West: 68.4/1000 Bow East: 61.0/1000</p> | <p>Tower Hamlets: 45.0/1000 Mile End East: 48.0/1000 Bromley by Bow: 41.9/1000</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.5 Gestational diabetes and diabetes in pregnancy Source: 2008 Diabetes Audit BLT</p> | <p>Diabetes audit suggested that 10% of those reviewed had developed gestational Diabetes Mellitus; 81.7% were Bangladeshi, 7.9% Black African and 4.1% White.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.6 Antenatal screening Newborn bloodspot Source: Q2 2010 Tower Hamlets sickle cell and thalassaemia service newborn bloodspot quarterly report</p> | <p>41 results received; 0 babies affected, 41 carrier results, 0 transfused results, 3 inconclusive results.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.7 Vitamin D Maternal Vitamin D status Source: Antenatal vitamin D screening at Barts and the Royal London NHS Trust, April 2010 (N = 497)</p> | <p>Deficiency ($\leq 50\text{nmol/L}$): 74% Insufficiency (50-75nmol/L): 11% Normal ($\geq 75\text{nmol/L}$): 15%</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Under 5's treated for Vitamin D deficiency Source: Antenatal vitamin D screening at Barts and the Royal London NHS Trust, April 2010 (N = 497)</p> | | <table border="1"> <thead> <tr> <th>Network</th> <th>Number</th> <th>% of 5 pop</th> <th>Under 5 population</th> </tr> </thead> <tbody> <tr> <td>NW1</td> <td>137</td> <td>8.03%</td> <td>1706</td> </tr> <tr> <td>NW2</td> <td>256</td> <td>15.14%</td> <td>3144</td> </tr> <tr> <td>NW3</td> <td>257</td> <td>11.30%</td> <td>2274</td> </tr> <tr> <td>NW4</td> <td>420</td> <td>18.13%</td> <td>2317</td> </tr> <tr> <td>NW5</td> <td>138</td> <td>7.01%</td> <td>1969</td> </tr> <tr> <td>NW6</td> <td>104</td> <td>5.90%</td> <td>1763</td> </tr> <tr> <td>NW7</td> <td>335</td> <td>10.08%</td> <td>3324</td> </tr> </tbody> </table> | Network | Number | % of 5 pop | Under 5 population | NW1 | 137 | 8.03% | 1706 | NW2 | 256 | 15.14% | 3144 | NW3 | 257 | 11.30% | 2274 | NW4 | 420 | 18.13% | 2317 | NW5 | 138 | 7.01% | 1969 | NW6 | 104 | 5.90% | 1763 | NW7 | 335 | 10.08% | 3324 | | | |
| Network | Number | % of 5 pop | Under 5 population | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW1 | 137 | 8.03% | 1706 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW2 | 256 | 15.14% | 3144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW3 | 257 | 11.30% | 2274 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW4 | 420 | 18.13% | 2317 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW5 | 138 | 7.01% | 1969 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW6 | 104 | 5.90% | 1763 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NW7 | 335 | 10.08% | 3324 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|--|---|---------------------------------|------------------------|----------------------------|---------------------------------|-----------------------|
| | | NW8 | 102 | 3.99% | 2555 | |
| | | Total | 1749 | 9.2% | 19052 | |
| 3.8 Caesarean section rates 2009-10 Source: HES 2011 Provider level analysis, 2009-10 | | Total births: | Elective Caesarean | Emergency Caesarean | Total | |
| | England: | 652,377 | 9.7% | 14.4% | 24.1% | |
| | London: | 129,264 | 10.2% | 16.9% | 27.1% | |
| | Barts & The London NHS Trust: | 4,428 | 7.5% | 17.1% | 24.6% | |
| 3.9 % Low birth weight births (<1,500 and <2,500 grams)* Source: NCHOD | Although a higher proportion of newborns have lower birth weight than London, infant mortality rates are not significantly different to London (3.1/1000 live births). | | | | | |
| | | <1,500 | | <2,500 | | |
| | England: | 1.4% (1.4-1.5) | | 7.5% (7.4-7.5) | | |
| | London: | 1.6% (1.5-1.7) | | 7.9% (7.8-8.1) | | |
| | Tower Hamlets: | 1.5% (1.2-1.9) | | 9.9% (9.1-10.9) | | |
| Source: <2,500 grams 2004-06 ONS, analyses by LHO | Bow West | Statistical significance | Mile End East | | Statistical significance | |
| | 10.6% | Yes - high | 9.5% | | No | |
| | Bow East | | Bromley by Bow | | | |
| | 9.6% | No | 11.0% | | Yes - high | |
| % Low birth weight births (<2,500 grams) by ethnic group Source: Births from Public Health Birth File (2009-10) | The following data breaks the 2009-10 Tower Hamlets low birth weight births down by ethnic group: | | | | | |
| | White: 6.4% | Not known/stated: 7.9% | | | | |
| | Mixed: 6.5% | Other: 8.4% | | | | |
| | Black: 7.3% | Asian: 9.0% | | | | |
| 3.10 Infant mortality (2008 and 2009 crude rate – all maternal ages/1000 live births)*† Source: NCHOD | Infant mortality is a widely used indicator of the overall health of a population. It reflects a broad range of determinants including upstream determinants such as economic development, general living conditions and social and environmental factors. <i>Infant mortality</i> is defined as the number of deaths at ages under one year, per 1,000 live births. <i>Perinatal mortality</i> is defined as stillbirths plus deaths before 7 days of life, per 1,000 live and stillbirths. <i>Stillbirths</i> are defined as deaths in babies born after 24 or more weeks' completed gestation and which did not, at any time, breathe or show signs of life. | | | | | |
| | 2009 | | | 2008 | | |
| | <1 yr | <28 days | <7 days | <1 yr | <28 days | <7 days |
| | Eng: 4.6 (4.5 – 4.8) | 3.2 (3.0 – 3.3) | 2.4 (2.3 – 2.5) | Eng: 4.7 (4.5 – 4.9) | 3.2 (3.1 – 3.4) | 2.5 (2.4 – 2.6) |
| | Lon: 4.5 (4.1 – 4.9) | 3.1 (2.8 – 3.4) | 2.4 (2.1 – 2.6) | Lon: 4.3 (3.9 – 4.6) | 2.8 (2.6 – 3.1) | 2.2 (1.9 – 2.4) |
| | TH: 5.1 (3.3 – 7.7) | 3.9 (2.4 – 6.3) | 3.0 (1.7 – 5.2) | TH: 3.1 (1.8 – 5.3) | 1.9 (.9 – 3.8) | 1.7 (.8 – 3.5) |
| 3.11 Breastfeeding rates at 6-8 weeks* (Q3 2010-11) | There is evidence that breastfeeding has positive health benefits for both mother and baby in the short and longer term (beyond the period of breastfeeding). | | | | | |

Source: Department of Health Vital sign monitoring return

Breastfeeding initiation* 2010-11 Q3
 Source: Department of Health, Vital Signs Monitoring Return

| | England | London | TH |
|---|---------|--------|-------|
| Overall prevalence (total plus partial) | 44.9% | 64% | 74% |
| Infants totally breastfed: | 31.1% | 37.8% | 35.7% |
| Infants partially breastfed: | 13.8% | 26.2% | 38% |
| Infants not at all breastfed: | 46.9% | 26.2% | 25.4% |
| Not known: | 8.1% | 9.9% | 0.7% |



| | |
|-----------------------|--------------|
| England: | 73.5% |
| London: | 86.9% |
| Tower Hamlets: | 88.6% |

3.12 Immunisation coverage (Q3 2010-11)*
 Source: Extract from Exeter

| | LAP 5 | TH | LAP 6 | TH |
|----------------------------|-------|-----|-------|-----|
| 12 month DtaP/IPV/Hib: | 94% | 93% | 93% | 93% |
| 24 month MMR: | 93% | 88% | 93% | 88% |
| 5 year DtaP/IPV (Booster): | 91% | 87% | 93% | 87% |
| 5 year MMR (2nd dose): | 86% | 87% | 91% | 87% |

3.13 Prevalence of dental caries: decayed, missing or filled teeth (DMFT) average in children aged 5*

Dental disease is more common in deprived, compared with affluent, communities. This indicator is a good direct measure of dental health and an indirect, proxy measures for child health and diet. **Tower Hamlets** has historically had a higher proportion of < 5 year old children with tooth decay although this figure has fallen

| <p>Source: BASCD, 2009</p> | <p>significantly over the past decade. The DMFT index quantifies dental health status based on the number of carious, missing and filled teeth.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------------------------|--|-------------|------------|---------|----------|------------------|------------------|-------------------|---------|------------------|------------------|-------------------|-----------------------|---------------------------|---------------------------|---------------------------|------------------------|--|------------------------|--|------------------------|------------------------|------------------------|--------------------------|-----------------------|---------------------------|-----------------------|---------------------------|--------------------|--------------------------|--------------------|----------------------------|
| | <p>England: 1.11 London: 1.31 Tower Hamlets: 1.77 LAP 5: 1.94</p> | <p>England: 1.11 London: 1.31 Tower Hamlets: 1.77 LAP 6: 1.47</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.14 Childhood obesity in Reception year* Source: NHS Information Centre 2010, analysis by Public Health</p> | <p>Obese/overweight individuals cost the NHS approximately £4.2bn per annum. By 2015, it is estimated that 53,000 deaths each year will be due to excess weight. Tower Hamlets ranks 6th highest in London for childhood obesity measured at Reception. Levels have fallen by 1.3% since 2006-07. Childhood under weight in Tower Hamlets is 2% at Reception, 10th highest in London. Differences in prevalence in LAPs 5 and 6 are not statistically significant from the Tower Hamlets levels.</p> <table border="1" data-bbox="763 639 2110 783"> <thead> <tr> <th></th> <th>Underweight</th> <th>Overweight</th> <th>Obese</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>0.9%</td> <td>13.3%</td> <td>9.8%</td> </tr> <tr> <td>London:</td> <td>1.3%</td> <td>12.7%</td> <td>11.6%</td> </tr> <tr> <td>Tower Hamlets:</td> <td>2.0%</td> <td>11.3%</td> <td>13.3%</td> </tr> </tbody> </table> <table border="1" data-bbox="763 783 2110 927"> <thead> <tr> <th colspan="2">LAP 5 (2008-09)</th> <th colspan="2">LAP 6 (2008-09)</th> </tr> </thead> <tbody> <tr> <td>Reception underweight:</td> <td>1.7% (.7 – 3.4)</td> <td>Reception underweight:</td> <td>2.2 % (1.2 – 4.1)</td> </tr> <tr> <td>Reception overweight:</td> <td>12.7% (9.0 – 14.1)</td> <td>Reception overweight:</td> <td>11.4% (8.7 – 14.9)</td> </tr> <tr> <td>Reception obesity:</td> <td>9.6% (6.4 – 11.1)</td> <td>Reception obesity:</td> <td>14.6% (11.5 – 18.3)</td> </tr> </tbody> </table> | | | | Underweight | Overweight | Obese | England: | 0.9% | 13.3% | 9.8% | London: | 1.3% | 12.7% | 11.6% | Tower Hamlets: | 2.0% | 11.3% | 13.3% | LAP 5 (2008-09) | | LAP 6 (2008-09) | | Reception underweight: | 1.7% (.7 – 3.4) | Reception underweight: | 2.2 % (1.2 – 4.1) | Reception overweight: | 12.7% (9.0 – 14.1) | Reception overweight: | 11.4% (8.7 – 14.9) | Reception obesity: | 9.6% (6.4 – 11.1) | Reception obesity: | 14.6% (11.5 – 18.3) |
| | Underweight | Overweight | Obese | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| England: | 0.9% | 13.3% | 9.8% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| London: | 1.3% | 12.7% | 11.6% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 2.0% | 11.3% | 13.3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAP 5 (2008-09) | | LAP 6 (2008-09) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reception underweight: | 1.7% (.7 – 3.4) | Reception underweight: | 2.2 % (1.2 – 4.1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reception overweight: | 12.7% (9.0 – 14.1) | Reception overweight: | 11.4% (8.7 – 14.9) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reception obesity: | 9.6% (6.4 – 11.1) | Reception obesity: | 14.6% (11.5 – 18.3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.15 Hospital episodes: Serious accidental injury relating to hospital admissions 0-4 directly standardised rates per 100,000 (95% confidence intervals)* Source: NCHOD</p> | <p>Injuries are the leading cause of death in children and disproportionately affect children from lower socioeconomic groups.</p> <table border="1" data-bbox="763 1002 2110 1145"> <thead> <tr> <th></th> <th>2005-06</th> <th>2006-07</th> <th>2007-08</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>84.3 (81.0-87.6)</td> <td>85.2 (81.9-88.5)</td> <td>85.99 (82.7-89.3)</td> </tr> <tr> <td>London:</td> <td>80.6 (72.8-88.5)</td> <td>84.6 (76.7-92.6)</td> <td>77.19 (69.7-84.6)</td> </tr> <tr> <td>Tower Hamlets:</td> <td>138.1 (81.6-194.7)</td> <td>110.7 (60.9-160.6)</td> <td>132.2 (78.1-186.4)</td> </tr> </tbody> </table> | | | | 2005-06 | 2006-07 | 2007-08 | England: | 84.3 (81.0-87.6) | 85.2 (81.9-88.5) | 85.99 (82.7-89.3) | London: | 80.6 (72.8-88.5) | 84.6 (76.7-92.6) | 77.19 (69.7-84.6) | Tower Hamlets: | 138.1 (81.6-194.7) | 110.7 (60.9-160.6) | 132.2 (78.1-186.4) | | | | | | | | | | | | | | | | |
| | 2005-06 | 2006-07 | 2007-08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| England: | 84.3 (81.0-87.6) | 85.2 (81.9-88.5) | 85.99 (82.7-89.3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| London: | 80.6 (72.8-88.5) | 84.6 (76.7-92.6) | 77.19 (69.7-84.6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 138.1 (81.6-194.7) | 110.7 (60.9-160.6) | 132.2 (78.1-186.4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Children and Young People</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Lifestyle factors</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.16 Childhood obesity in school year 6* Source: NHS Information Centre 2010, analysis by Public Health</p> | <p>Obese/overweight individuals cost the NHS approximately £4.2bn per annum. By 2015, it is estimated that 53,000 deaths each year will be due to excess weight. Tower Hamlets ranks 3rd highest in London for prevalence of obesity at Year 6. Levels rose by 2.7% between 2006-07 and 2008-09 but remained static between 2008-09 and 2009-10.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | <p>Childhood under weight in Tower Hamlets is 2.1% at Year 6, the 11th highest in London. Differences in prevalence in LAPs 5 and 6 are not statistically significant from the Tower Hamlets levels.</p> <table border="1"> <thead> <tr> <th></th> <th>Underweight</th> <th>Overweight</th> <th>Obese</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>1.3%</td> <td>14.6%</td> <td>18.7%</td> </tr> <tr> <td>London:</td> <td>1.5%</td> <td>15.1%</td> <td>21.8%</td> </tr> <tr> <td>Tower Hamlets:</td> <td>2.1%</td> <td>15.6%</td> <td>25.7%</td> </tr> </tbody> </table> | | Underweight | Overweight | Obese | England: | 1.3% | 14.6% | 18.7% | London: | 1.5% | 15.1% | 21.8% | Tower Hamlets: | 2.1% | 15.6% | 25.7% | | | | | | | | | | | | |
|--|--|------------------------|----------------------------|------------------------|---------|---|------------------------|---------------------|-------------------------|---|----------------------------|--------------------|----------------------------|---|----------------------------|-----------------|----------------------------|---|-------------|-------------|-------------|--|--|--|-----|---|--|--|-----|
| | Underweight | Overweight | Obese | | | | | | | | | | | | | | | | | | | | | | | | | | |
| England: | 1.3% | 14.6% | 18.7% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| London: | 1.5% | 15.1% | 21.8% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 2.1% | 15.6% | 25.7% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">LAP 5 (2008-09)</th> <th colspan="2">LAP 6 (2008-09)</th> </tr> </thead> <tbody> <tr> <td>Year 6 underweight:</td> <td>1.9% (.7 – 3.7)</td> <td>Year 6 underweight:</td> <td>3.1% (1.7 – 5.4)</td> </tr> <tr> <td>Year 6 overweight:</td> <td>14.8% (10.7 – 16.4)</td> <td>Year 6 overweight:</td> <td>13.1% (10.0 – 16.9)</td> </tr> <tr> <td>Year 6 obesity:</td> <td>29.7% (23.9 – 30.9)</td> <td>Year 6 obesity:</td> <td>23.1% (19.0 – 27.7)</td> </tr> </tbody> </table> | LAP 5 (2008-09) | | LAP 6 (2008-09) | | Year 6 underweight: | 1.9% (.7 – 3.7) | Year 6 underweight: | 3.1% (1.7 – 5.4) | Year 6 overweight: | 14.8% (10.7 – 16.4) | Year 6 overweight: | 13.1% (10.0 – 16.9) | Year 6 obesity: | 29.7% (23.9 – 30.9) | Year 6 obesity: | 23.1% (19.0 – 27.7) | | | | | | | | | | | | |
| LAP 5 (2008-09) | | LAP 6 (2008-09) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year 6 underweight: | 1.9% (.7 – 3.7) | Year 6 underweight: | 3.1% (1.7 – 5.4) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year 6 overweight: | 14.8% (10.7 – 16.4) | Year 6 overweight: | 13.1% (10.0 – 16.9) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year 6 obesity: | 29.7% (23.9 – 30.9) | Year 6 obesity: | 23.1% (19.0 – 27.7) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.17 Physical activity Source: TellUs Survey, Ofsted (discontinued 2010)</p> | <p>More children in Tower Hamlets are doing less than the recommended amounts of physical activity per week, with 8% “not having spent at least 30 minutes doing sport or other active things on any day in the preceding week“(compared to 4% nationally).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>% of pupils who participated in at least two hours of high quality PE in a typical week Source: Communities and Local Government Places Database (http://www.communities.gov.uk)</p> | <table border="1"> <thead> <tr> <th></th> <th>2005-06</th> <th>2006-07</th> <th>2007-08</th> <th>2008-09</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>59.5</td> <td>69.3</td> <td>76.6</td> <td>81.0</td> </tr> <tr> <td>London:</td> <td>56.0</td> <td>69.0</td> <td>73.0</td> <td>80.0</td> </tr> <tr> <td>Tower Hamlets:</td> <td>39.0</td> <td>63.0</td> <td>71.0</td> <td>74.0</td> </tr> </tbody> </table> | | 2005-06 | 2006-07 | 2007-08 | 2008-09 | England: | 59.5 | 69.3 | 76.6 | 81.0 | London: | 56.0 | 69.0 | 73.0 | 80.0 | Tower Hamlets: | 39.0 | 63.0 | 71.0 | 74.0 | | | | | | | | |
| | 2005-06 | 2006-07 | 2007-08 | 2008-09 | | | | | | | | | | | | | | | | | | | | | | | | | |
| England: | 59.5 | 69.3 | 76.6 | 81.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| London: | 56.0 | 69.0 | 73.0 | 80.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 39.0 | 63.0 | 71.0 | 74.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>% of children walking or cycling to school* Source: Transport for London i-trace database 2010-11</p> | <p>The % of children walking to school in Tower Hamlets is higher than nationally; In England (2009) 50% of primary school children and 38% at secondary school walked to school.</p> <table border="1"> <thead> <tr> <th></th> <th>2008-09</th> <th>2009-10</th> <th>2010-11</th> </tr> </thead> <tbody> <tr> <td><i>% of children walking to primary school:</i></td> <td>77.4%</td> <td>76.1%</td> <td>75.0%</td> </tr> <tr> <td><i>% of children walking to secondary school:</i></td> <td>53.4%</td> <td>53.4%</td> <td>55.2%</td> </tr> <tr> <td><i>% of children cycling to primary school:</i></td> <td>0.7%</td> <td>0.7%</td> <td>0.7%</td> </tr> <tr> <td><i>% of children cycling to secondary school:</i></td> <td>2.1%</td> <td>1.3%</td> <td>0.9%</td> </tr> <tr> <td><i>% travelling to school by car living < 7 minutes walk:</i></td> <td></td> <td></td> <td>27%</td> </tr> <tr> <td><i>% travelling to school by car living < 14 minutes walk:</i></td> <td></td> <td></td> <td>50%</td> </tr> </tbody> </table> | | 2008-09 | 2009-10 | 2010-11 | <i>% of children walking to primary school:</i> | 77.4% | 76.1% | 75.0% | <i>% of children walking to secondary school:</i> | 53.4% | 53.4% | 55.2% | <i>% of children cycling to primary school:</i> | 0.7% | 0.7% | 0.7% | <i>% of children cycling to secondary school:</i> | 2.1% | 1.3% | 0.9% | <i>% travelling to school by car living < 7 minutes walk:</i> | | | 27% | <i>% travelling to school by car living < 14 minutes walk:</i> | | | 50% |
| | 2008-09 | 2009-10 | 2010-11 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% of children walking to primary school:</i> | 77.4% | 76.1% | 75.0% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% of children walking to secondary school:</i> | 53.4% | 53.4% | 55.2% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% of children cycling to primary school:</i> | 0.7% | 0.7% | 0.7% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% of children cycling to secondary school:</i> | 2.1% | 1.3% | 0.9% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% travelling to school by car living < 7 minutes walk:</i> | | | 27% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>% travelling to school by car living < 14 minutes walk:</i> | | | 50% | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.18 Healthy diet Source: TellUs Survey, Ofsted (discontinued 2010)</p> | <p>Higher numbers of Tower Hamlets children eat lower than the recommended amount of fruit and vegetables than children nationally (15% responding “none yesterday” compared to 9% nationally in 2009).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|-------------|------------------|--------|-----------------------|---------------|----------|------|---------|------|---------|------|-----------------------|-------------|-----------------------|-------------|
| <p>Uptake of school meals (% having lunch that is provided by local authority or school) Source: Communities and Local Government Places Database (http://www.communities.gov.uk)</p> | <p>The percentage of children taking up the school lunch offer has remained stable over the last 3 years in primary and secondary schools in Tower Hamlets. Uptake has increased rapidly in Newham (from 45.3% in 2007-08 to 60.3% in 2009-10 in primary school, and 32.5% to 41.3% in secondary schools). Uptake in Hackney is broadly similar to that in Tower Hamlets.</p> <table border="0"> <tr> <td>Primary</td> <td></td> <td>Secondary</td> <td></td> </tr> <tr> <td>England:</td> <td>41.4</td> <td>England:</td> <td>35.8</td> </tr> <tr> <td>London:</td> <td>49.2</td> <td>London:</td> <td>41.3</td> </tr> <tr> <td>Tower Hamlets:</td> <td>65.1</td> <td>Tower Hamlets:</td> <td>50.9</td> </tr> </table> | Primary | | Secondary | | England: | 41.4 | England: | 35.8 | London: | 49.2 | London: | 41.3 | Tower Hamlets: | 65.1 | Tower Hamlets: | 50.9 |
| Primary | | Secondary | | | | | | | | | | | | | | | |
| England: | 41.4 | England: | 35.8 | | | | | | | | | | | | | | |
| London: | 49.2 | London: | 41.3 | | | | | | | | | | | | | | |
| Tower Hamlets: | 65.1 | Tower Hamlets: | 50.9 | | | | | | | | | | | | | | |
| <p>3.19 Smoking and young people Source: TellUs Survey, Ofsted (discontinued 2010)</p> | <p>The annual Ofsted 'Tell Us' survey for 2010 reports that 6% of respondents in Tower Hamlets smoke (the same as nationally). This is a slight fall from 2009 (7% locally and nationally). An ASSIST baseline survey of Year 8 pupils (12-13 years old) in 4 Tower Hamlets secondary schools in 2009 found that 4% smoked cigarettes at the time of the survey, while 80% had never smoked a cigarette.</p> | | | | | | | | | | | | | | | | |
| <p>3.20 Alcohol and young people Source: TellUs Survey, Ofsted (discontinued 2010)</p> | <p>The annual Ofsted 'Tell Us' survey for 2010 reports that 80% of young people report never having had an alcoholic drink (68% for England), with 3% saying that they had been drunk once (6% for England) , 2% twice (4% for England) and 4% three or more times (5% for England) in the past month. In 2009 62% reported never having had an alcoholic drink, with 1% reporting having been drunk once, twice or 3 or more times in the past month.</p> | | | | | | | | | | | | | | | | |
| <p>3.21 Substance misuse and young people Source: TellUs Survey, Ofsted (discontinued 2010)</p> | <p>The annual Ofsted 'Tell Us' survey for 2010 reports that 9% of young people asked in Years 8 and 10 reported that they had ever taken drugs, with 2% preferring not to say (compared to 9% and 3% nationally). In 2009 9% of young people asked in Years 8 and 10 reported that they had ever taken drugs, with 4% preferring not to say (compared to 11% and 4% nationally).</p> | | | | | | | | | | | | | | | | |
| <p>3.22 STIs Chlamydia diagnosis rates per 100,000 young adults aged 15-24* 2009 Source: Health Protection Agency STI Annual Data Tables</p> | <p>Nationally 29.9% of the population aged 15-24 was tested for chlamydia in 2009/10 and 7.2% tested positive. This indicates a high burden of infection in young people. Annual testing and testing at partner change in this age group is expected to reduce the transmission rate, leading to a fall in prevalence and a secondary reduction in the incidence of new infections. Early diagnosis and treatment will reduce the severe effects of chlamydia in women, such as pelvic inflammatory disease and infertility.</p> <table border="0"> <tr> <td>England:</td> <td>2180.6</td> </tr> <tr> <td>London:</td> <td>2428.5</td> </tr> <tr> <td>Tower Hamlets:</td> <td>1692.7</td> </tr> </table> | England: | 2180.6 | London: | 2428.5 | Tower Hamlets: | 1692.7 | | | | | | | | | | |
| England: | 2180.6 | | | | | | | | | | | | | | | | |
| London: | 2428.5 | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 1692.7 | | | | | | | | | | | | | | | | |
| <p>3.23 Killed and seriously injured (KSI) children and young people on England's roads*</p> | <p>Road user safety is a public health issue as incidents and collisions on the roads are a significant cause of death and injuries; disproportionately so among young age groups and in disadvantaged areas. They have a large affect on the resources of health and rescue services and there are strong synergies between active travel, road safety and health.</p> | | | | | | | | | | | | | | | | |
| <p>Road traffic injuries</p> | <p>No. of Child KSIs in 2006-2008/billion vehicle-kms: % Reduction in Child KSIs ('94-'98/'06-'08):</p> | | | | | | | | | | | | | | | | |

| <p>Source: London Road Safety Unit for 2009 LIP1 data reports</p> | <p>Outer London: 10 62% Inner London: 13 65% Tower Hamlets: 9 (15th out of 33 boroughs) 66% (11th out of 33 boroughs)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------|---------------|---------|---------------|--------|---------|-----------|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|
| <p>Average annual rate of reported child (age 0-15) road traffic casualties in England per 100,000 population aged 0-15, by Local Authority Source: LHO Basket of Indicators - Accidents and Injury</p> | <div data-bbox="1104 308 1783 715" data-label="Figure"> <table border="1"> <caption>Estimated data for Child road casualties (0-15) 2003/05 - 2006/08: all road users</caption> <thead> <tr> <th>Period</th> <th>Newham</th> <th>Hackney</th> <th>Tower Hamlets</th> <th>London</th> <th>England</th> </tr> </thead> <tbody> <tr> <td>2003-2005</td> <td>210</td> <td>205</td> <td>180</td> <td>200</td> <td>275</td> </tr> <tr> <td>2004-2006</td> <td>190</td> <td>185</td> <td>155</td> <td>180</td> <td>250</td> </tr> <tr> <td>2005-2007</td> <td>170</td> <td>165</td> <td>135</td> <td>160</td> <td>225</td> </tr> <tr> <td>2006-2008</td> <td>165</td> <td>160</td> <td>145</td> <td>155</td> <td>215</td> </tr> </tbody> </table> </div> <p>Average annual rate of reported child (age 0-15) road casualties in England per 100,000 population (2006-08)</p> <p>England: 214.8 London: 145.6 Tower Hamlets: 143.4</p> <p>The number of reported child road casualties for all domains (pedestrian, pedal cycles and all other road users) is consistently lower in Tower Hamlets than regional and national figures and has fallen steadily between 2003-05 and 2005-07 from 79 to 58; the rise in 2006-08 is accounted for by a rise in 'all other road users' numbers from 18 in 2005-07 to 22 in 2006-08.</p> | Period | Newham | Hackney | Tower Hamlets | London | England | 2003-2005 | 210 | 205 | 180 | 200 | 275 | 2004-2006 | 190 | 185 | 155 | 180 | 250 | 2005-2007 | 170 | 165 | 135 | 160 | 225 | 2006-2008 | 165 | 160 | 145 | 155 | 215 |
| Period | Newham | Hackney | Tower Hamlets | London | England | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2003-2005 | 210 | 205 | 180 | 200 | 275 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2004-2006 | 190 | 185 | 155 | 180 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2005-2007 | 170 | 165 | 135 | 160 | 225 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2006-2008 | 165 | 160 | 145 | 155 | 215 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hospital admissions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3.24 Persons aged under 18 years admitted to hospital with alcohol specific conditions (rate/100,000 population)* Source: 2006-07 North West Public Health Observatory local alcohol profile data set</p> | <p>There are substantial differences in the health consequences of alcohol use between affluent and deprived communities. Deprived areas suffer higher levels of alcohol related mortality, hospital admission, crime, absence from school, school exclusions, teenage pregnancy and road traffic accidents linked to greater levels of alcohol consumption. While Tower Hamlets admissions are lower than those nationally, the majority of young people are from communities in which alcohol is proscribed and hence this rate is likely to conceal a relatively large number of admissions from a smaller population, and concealed (and hence riskier) consumption by members of those communities.</p> <p>England: 64.5 (63.6 – 65.4) London: 39.3 (37.6 – 41.1)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | Tower Hamlets: 49.1 (38.4 – 61.8) | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---------------------------|--|---------|----------|-----------------------|------------------|------------------|---------|------------------|------------------|------------------|-----------------------|--------------------------|--------------------------|---------------------------|-------|-------|----|-------|---|--|
| 3.25 Hospital episodes: Serious accidental injury relating to hospital admissions 5-14 directly standardised rates per 100,000 (95% confidence intervals) Source: NCHOD | <p>Injuries are the leading cause of death in children and disproportionately affect children from lower socioeconomic groups.</p> <table border="1"> <thead> <tr> <th></th> <th>2005-06</th> <th>2006-07</th> <th>2007-08</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>71.9 (69.8-74.0)</td> <td>65.2 (63.2-67.2)</td> <td>64.9 (62.9-66.9)</td> </tr> <tr> <td>London:</td> <td>73.5 (67.7-79.2)</td> <td>58.8 (53.6-63.9)</td> <td>64.7 (59.3-70.2)</td> </tr> <tr> <td>Tower Hamlets:</td> <td>96.9 (58.1-135.7)</td> <td>94.3 (55.7-132.8)</td> <td>103.8 (63.0-144.5)</td> </tr> </tbody> </table> | | 2005-06 | 2006-07 | 2007-08 | England: | 71.9 (69.8-74.0) | 65.2 (63.2-67.2) | 64.9 (62.9-66.9) | London: | 73.5 (67.7-79.2) | 58.8 (53.6-63.9) | 64.7 (59.3-70.2) | Tower Hamlets: | 96.9 (58.1-135.7) | 94.3 (55.7-132.8) | 103.8 (63.0-144.5) | | | | | | |
| | 2005-06 | 2006-07 | 2007-08 | | | | | | | | | | | | | | | | | | | | |
| England: | 71.9 (69.8-74.0) | 65.2 (63.2-67.2) | 64.9 (62.9-66.9) | | | | | | | | | | | | | | | | | | | | |
| London: | 73.5 (67.7-79.2) | 58.8 (53.6-63.9) | 64.7 (59.3-70.2) | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 96.9 (58.1-135.7) | 94.3 (55.7-132.8) | 103.8 (63.0-144.5) | | | | | | | | | | | | | | | | | | | | |
| 3.26 Hospital admissions for intentional and unintentional injuries <18* Source: HES 2010 | <p>Tower Hamlets rate/10,000 in 2009-10: 135.8. The HNA Toolkit CSL/LHO ranked Tower Hamlets 2nd highest in London in 2008-09.</p> <div style="text-align: center;"> <table border="1"> <caption>Hospital admissions for unintentional & deliberate injury 2009-10</caption> <thead> <tr> <th>Area</th> <th>Admissions rate/10000</th> </tr> </thead> <tbody> <tr><td>LAP 1</td><td>~120</td></tr> <tr><td>LAP 2</td><td>~120</td></tr> <tr><td>LAP 3</td><td>~100</td></tr> <tr><td>LAP 4</td><td>~120</td></tr> <tr><td>LAP 5</td><td>187.1</td></tr> <tr><td>LAP 6</td><td>~110</td></tr> <tr><td>LAP 7</td><td>~150</td></tr> <tr><td>LAP 8</td><td>111.6</td></tr> <tr><td>TH</td><td>135.8</td></tr> </tbody> </table> </div> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="text-align: center;">LAP 5: 187.1/10000 (150.8 – 231.9)</td> <td style="text-align: center;">LAP 6: 111.6/10000 (90.9 – 136.9)</td> </tr> </table> | Area | Admissions rate/10000 | LAP 1 | ~120 | LAP 2 | ~120 | LAP 3 | ~100 | LAP 4 | ~120 | LAP 5 | 187.1 | LAP 6 | ~110 | LAP 7 | ~150 | LAP 8 | 111.6 | TH | 135.8 | LAP 5: 187.1/10000 (150.8 – 231.9) | LAP 6: 111.6/10000 (90.9 – 136.9) |
| Area | Admissions rate/10000 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 1 | ~120 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 2 | ~120 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 3 | ~100 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 4 | ~120 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 5 | 187.1 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 6 | ~110 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 7 | ~150 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 8 | 111.6 | | | | | | | | | | | | | | | | | | | | | | |
| TH | 135.8 | | | | | | | | | | | | | | | | | | | | | | |
| LAP 5: 187.1/10000 (150.8 – 231.9) | LAP 6: 111.6/10000 (90.9 – 136.9) | | | | | | | | | | | | | | | | | | | | | | |
| 3.27 Rate of hospital admissions as a result of self-harm* | Currently unable to report; indicator will be developed if selected as part of Public Health Outcomes Framework. | | | | | | | | | | | | | | | | | | | | | | |
| 3.28 Unplanned hospitalisation for asthma, epilepsy and diabetes in under 19s' † | There are three conditions (asthma, epilepsy and diabetes) which account for 94% of emergency admissions for children (under 19s) with long-term conditions. | | | | | | | | | | | | | | | | | | | | | | |
| Asthma: Emergency Admissions per 100,000 0-18 population (2008-09) | <p>Asthma is the most common chronic disease in children, with a prevalence of between 17% and 23% (NICE 2007). Better management of the condition in the community could reduce the number of emergency admissions for asthma. Asthma UK has estimated that 75% of hospital admissions for asthma are preventable.</p> <table border="1"> <tbody> <tr> <td>England:</td> <td>244</td> <td rowspan="3">Tower Hamlets is ranked 70th lowest of 152 PCTs in terms of emergency admission rates.</td> </tr> <tr> <td>London:</td> <td>237</td> </tr> <tr> <td>Tower Hamlets:</td> <td>229</td> </tr> </tbody> </table> | England: | 244 | Tower Hamlets is ranked 70 th lowest of 152 PCTs in terms of emergency admission rates. | London: | 237 | Tower Hamlets: | 229 | | | | | | | | | | | | | | | |
| England: | 244 | Tower Hamlets is ranked 70 th lowest of 152 PCTs in terms of emergency admission rates. | | | | | | | | | | | | | | | | | | | | | |
| London: | 237 | | | | | | | | | | | | | | | | | | | | | | |
| Tower Hamlets: | 229 | | | | | | | | | | | | | | | | | | | | | | |

| <p>Emergency bed days per 100,000 0-18 population (2008-09) Source: CHIMAT Disease Management Information Toolkit (Paediatrics)</p> | <table border="0"> <tr> <td>England:</td> <td>293</td> <td rowspan="3">Tower Hamlets is ranked 88th lowest of 152 PCTs in terms of emergency bed days.</td> </tr> <tr> <td>London:</td> <td>320</td> </tr> <tr> <td>Tower Hamlets:</td> <td>316</td> </tr> </table> | England: | 293 | Tower Hamlets is ranked 88 th lowest of 152 PCTs in terms of emergency bed days. | London: | 320 | Tower Hamlets: | 316 | | | | | | | | |
|---|--|--|------|--|----------|---------------------|-----------------------|---------|---------------------|----------|----------------|--|---------|-----|-----------------------|-----|
| England: | 293 | Tower Hamlets is ranked 88 th lowest of 152 PCTs in terms of emergency bed days. | | | | | | | | | | | | | | |
| London: | 320 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 316 | | | | | | | | | | | | | | | |
| <p>Diabetes: Emergency Admissions per 100,000 0-18 population (2008-09) Emergency bed days per 100,000 0-18 population (2008-09) Source: CHIMAT Disease Management Information Toolkit (Paediatrics)</p> | <table border="0"> <tr> <td>England:</td> <td>64</td> <td rowspan="2">Tower Hamlets is ranked 9th lowest of 152 PCTs in terms of emergency admission rates.</td> </tr> <tr> <td>London:</td> <td>50</td> </tr> <tr> <td>Tower Hamlets:</td> <td>33</td> <td></td> </tr> <tr> <td>England:</td> <td>132</td> <td rowspan="3">Tower Hamlets is ranked 38th lowest of 152 PCTs in terms of emergency bed days.</td> </tr> <tr> <td>London:</td> <td>130</td> </tr> <tr> <td>Tower Hamlets:</td> <td>96</td> </tr> </table> | England: | 64 | Tower Hamlets is ranked 9 th lowest of 152 PCTs in terms of emergency admission rates. | London: | 50 | Tower Hamlets: | 33 | | England: | 132 | Tower Hamlets is ranked 38 th lowest of 152 PCTs in terms of emergency bed days. | London: | 130 | Tower Hamlets: | 96 |
| England: | 64 | Tower Hamlets is ranked 9 th lowest of 152 PCTs in terms of emergency admission rates. | | | | | | | | | | | | | | |
| London: | 50 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 33 | | | | | | | | | | | | | | | |
| England: | 132 | Tower Hamlets is ranked 38 th lowest of 152 PCTs in terms of emergency bed days. | | | | | | | | | | | | | | |
| London: | 130 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 96 | | | | | | | | | | | | | | | |
| <p>Epilepsy: Emergency Admissions per 100,000 0-18 population (2008-09) Emergency bed days per 100,000 0-18 population (2008-09) Source: CHIMAT Disease Management Information Toolkit (Paediatrics)</p> | <table border="0"> <tr> <td>England:</td> <td>78</td> <td rowspan="2">Tower Hamlets is ranked 76th lowest of 152 PCTs in terms of emergency admission rates.</td> </tr> <tr> <td>London:</td> <td>69</td> </tr> <tr> <td>Tower Hamlets:</td> <td>75</td> <td></td> </tr> <tr> <td>England:</td> <td>145</td> <td rowspan="3">Tower Hamlets is ranked 116th lowest of 152 PCTs in terms of emergency bed days.</td> </tr> <tr> <td>London:</td> <td>140</td> </tr> <tr> <td>Tower Hamlets:</td> <td>191</td> </tr> </table> | England: | 78 | Tower Hamlets is ranked 76 th lowest of 152 PCTs in terms of emergency admission rates. | London: | 69 | Tower Hamlets: | 75 | | England: | 145 | Tower Hamlets is ranked 116 th lowest of 152 PCTs in terms of emergency bed days. | London: | 140 | Tower Hamlets: | 191 |
| England: | 78 | Tower Hamlets is ranked 76 th lowest of 152 PCTs in terms of emergency admission rates. | | | | | | | | | | | | | | |
| London: | 69 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 75 | | | | | | | | | | | | | | | |
| England: | 145 | Tower Hamlets is ranked 116 th lowest of 152 PCTs in terms of emergency bed days. | | | | | | | | | | | | | | |
| London: | 140 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 191 | | | | | | | | | | | | | | | |
| <p>Emergency admissions for children with lower respiratory tract infections (LRTIs) 0-15[†] indirectly age and sex standardised rate/100,000 Source: NCHOD</p> | <p>LRTIs in children should not in general require hospital care, but are one of the top causes of hospitalisation. Rates of emergency admission in Tower Hamlets are significantly better (at the 99.8% level) than those for England. Improvement is also statistically significantly better.</p> <table border="0"> <thead> <tr> <th></th> <th>Rate</th> <th>% improvement 2007/08-2008/09</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>345.9 (342.3-349.5)</td> <td>-3.2</td> </tr> <tr> <td>London:</td> <td>180.7 (174.6-186.9)</td> <td>17.2</td> </tr> <tr> <td>Tower Hamlets:</td> <td>97.6 (74.1-126.2)</td> <td>77.5</td> </tr> </tbody> </table> | | Rate | % improvement 2007/08-2008/09 | England: | 345.9 (342.3-349.5) | -3.2 | London: | 180.7 (174.6-186.9) | 17.2 | Tower Hamlets: | 97.6 (74.1-126.2) | 77.5 | | | |
| | Rate | % improvement 2007/08-2008/09 | | | | | | | | | | | | | | |
| England: | 345.9 (342.3-349.5) | -3.2 | | | | | | | | | | | | | | |
| London: | 180.7 (174.6-186.9) | 17.2 | | | | | | | | | | | | | | |
| Tower Hamlets: | 97.6 (74.1-126.2) | 77.5 | | | | | | | | | | | | | | |
| Vulnerable Children and Young People | | | | | | | | | | | | | | | | |
| <p>3.29 Looked After Children (rate/10,000 <18) 2008/09</p> | <table border="0"> <tr> <td>England:</td> <td>55</td> </tr> <tr> <td>London:</td> <td>65</td> </tr> </table> | England: | 55 | London: | 65 | | | | | | | | | | | |
| England: | 55 | | | | | | | | | | | | | | | |
| London: | 65 | | | | | | | | | | | | | | | |

| <p>Source: The Places Database (http://www.communities.gov.uk)</p> | <p>Tower Hamlets: 71 <i>The Tower Hamlets rate equated to 345 children of whom 71% were in foster placements, 8.7% in secure units or children's homes and 7.2% in residential schools or other residential settings. Trends in rates of Looked After Children have fallen between 2004/5 and 2007/8, possibly reflecting improvements in prevention.</i></p> | | | | | | | | | | | | | | | | | |
|---|---|--|----------------|----------------|----------------|----------------|----------|-------|-------|-------|---------|-------|-------|-------|-----------------------|-------|-------|-------|
| <p>3.30 'Hidden harm' (children living with parents with alcohol and/or substance addiction) Source: Tower Hamlets DAAT</p> | <p><i>DAAT data for 2008-09 suggests that across Tower Hamlets 1091 clients passed through the service, 640 (58.7%) of who were parents, 134 of whom (12.3%) had their children living with them or were pregnant. A further 283 (25.9%) had children who lived with a partner or other family member.</i></p> | | | | | | | | | | | | | | | | | |
| <p>3.31 Young Offenders Rate of proven re-offending by young offenders* (2008/09) Source: The Places Database (http://www.communities.gov.uk)</p> | <p>The cohort includes all those receiving a pre-court disposal (reprimand or final warning) or a first-tier or community penalty or who are released from custody. A reoffence is counted if it occurs within the 12 month tracking period and leads to a pre-court disposal or a court conviction.</p> <p>England: 1.05 London: 1.06 Tower Hamlets: 1.01</p> | | | | | | | | | | | | | | | | | |
| <p>First time entrants to Youth Justice System* rate/100,000 10-17 year olds Source: DfE statistical release</p> | <p>First-time entrants are defined as young people (aged 10-17) who receive their first substantive outcome (relating to a reprimand, a final warning with or without an intervention, or a court disposal for those who go directly to court without a reprimand or final warning)</p> <table border="1" data-bbox="763 810 2125 954"> <thead> <tr> <th></th> <th>2005-06</th> <th>2006-07</th> <th>2007-08</th> </tr> </thead> <tbody> <tr> <td>England:</td> <td>1,965</td> <td>2,031</td> <td>1,840</td> </tr> <tr> <td>London:</td> <td>1,630</td> <td>1,890</td> <td>1,760</td> </tr> <tr> <td>Tower Hamlets:</td> <td>1,990</td> <td>2,270</td> <td>2,210</td> </tr> </tbody> </table> | | | 2005-06 | 2006-07 | 2007-08 | England: | 1,965 | 2,031 | 1,840 | London: | 1,630 | 1,890 | 1,760 | Tower Hamlets: | 1,990 | 2,270 | 2,210 |
| | 2005-06 | 2006-07 | 2007-08 | | | | | | | | | | | | | | | |
| England: | 1,965 | 2,031 | 1,840 | | | | | | | | | | | | | | | |
| London: | 1,630 | 1,890 | 1,760 | | | | | | | | | | | | | | | |
| Tower Hamlets: | 1,990 | 2,270 | 2,210 | | | | | | | | | | | | | | | |
| 4 Service provision | | | | | | | | | | | | | | | | | | |
| <p>4.1 Location of children's centres</p> | <p>Olga Children's Centre, Lanfranc Road, E3 5DN Tel: 020 8981 7127 Overland Children's Centre, 60 Parnell Road, Bow, E3 2RU Tel: 020 7364 0538</p> | <p>Bromley by Bow Centre, St Leonard's Street, E3 3BT Tel: 020 8709 9716 Lincoln Children's Centre, 2 Belton Way, Bow, E3 4BB Tel: 020 7093 1442 Mile End Children's Centre, 38 Wager Street, E3 4JE Tel: 020 8880 7830</p> | | | | | | | | | | | | | | | | |
| <p>4.2 Locality staffing allocations for community midwives</p> | <p>The North East Locality is covered by Team 3; 7 WTE</p> | | | | | | | | | | | | | | | | | |

| | | | | | |
|----------------------|------------|--------------------|-------------|-------------------------|------------|
| Date updated: | 05/04/2011 | Updated by: | Simon Twite | Next Update Due: | Six months |
|----------------------|------------|--------------------|-------------|-------------------------|------------|

| | | | | | | | |
|--|---|--|--|--|---|-------------------------------------|--|
| Date signed off by Senior JSNA Leads: | <i>Date factsheet signed off by senior JSNA leads from Public Health and LBTH</i> | Signed off by (Public Health Lead): | <i>e.g. Director or Associate Director</i> | Date signed off by Strategic Group: | <i>Date factsheet signed off by Strategic Group</i> | Sign off by Strategic Group: | <i>Name the relevant Strategic Group</i> |
| | | Signed off by (LBTH Lead): | <i>e.g. Director of Adults/CFS</i> | | | | |