



# Lambeth

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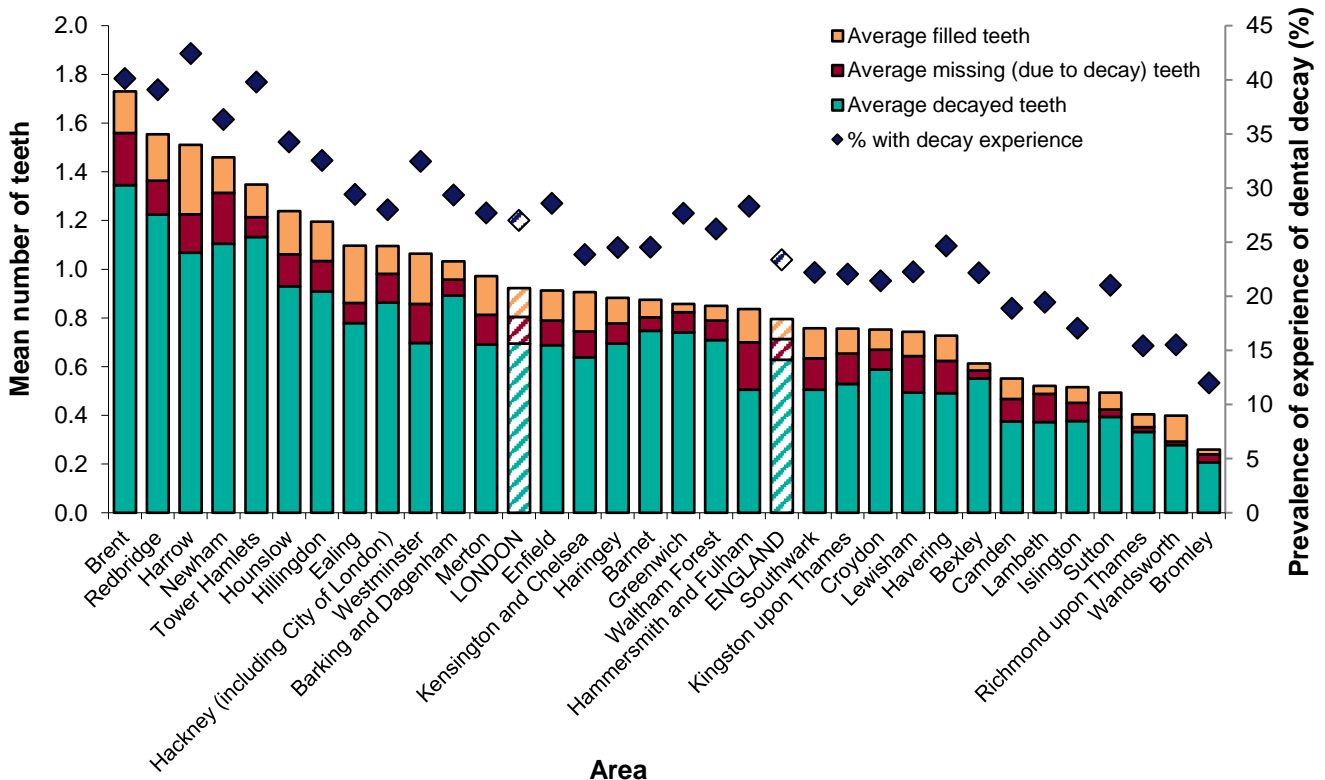
## Oral health of 5-year-old children

This profile describes the oral health of 5-year-olds living in Lambeth. It uses data from the National Dental Epidemiology Programme 2019 survey of 5-year-old children<sup>1</sup>.

The profile is designed to help local government and health services improve the oral health and wellbeing of children and tackle health inequalities.

In Lambeth 277 5-year-olds (approximately 67.0% of those sampled) were examined at school by trained and calibrated examiners using the national standard method<sup>2</sup>.

**Figure 1:** Prevalence of experience of dental decay and mean number of teeth with experience of dental decay in 5-year-olds in Lambeth, other local authorities in London and England.



**Table 1:** Experience of dental decay in 5-year-olds in Lambeth, other local authorities in London and England.

| Local authority                    | Prevalence of experience of dental decay (%) | Mean number of teeth with experience of dental decay in all examined children n (95% confidence intervals) | Mean number of teeth with experience of dental decay in children with any decay experience n (95% confidence intervals) |
|------------------------------------|--|--|---|
| Brent                              | 40.1   | 1.7<br>(1.40 - 2.06)   | 4.3<br>(3.74 - 4.89)  |
| Redbridge                          | 39.1   | 1.6<br>(1.20 - 1.91)   | 4.0<br>(3.29 - 4.66)  |
| Harrow                             | 42.4   | 1.5<br>(1.19 - 1.83)   | 3.6<br>(3.04 - 4.09)  |
| Newham                             | 36.3   | 1.5<br>(1.09 - 1.83)   | 4.0<br>(3.30 - 4.74)  |
| Tower Hamlets                      | 39.8   | 1.3<br>(1.04 - 1.65)   | 3.4<br>(2.82 - 3.95)  |
| Hounslow                           | 34.3   | 1.2<br>(0.98 - 1.49)   | 3.6<br>(3.10 - 4.13)  |
| Hillingdon                         | 32.5   | 1.2<br>(0.91 - 1.48)   | 3.7<br>(3.06 - 4.29)  |
| Ealing                             | 29.4   | 1.1<br>(0.79 - 1.40)   | 3.7<br>(3.04 - 4.42)  |
| Hackney (including City of London) | 28.0   | 1.1<br>(0.78 - 1.41)   | 3.9<br>(3.18 - 4.65)  |
| Westminster                        | 32.4   | 1.1<br>(0.78 - 1.35)   | 3.3<br>(2.67 - 3.89)  |
| Barking and Dagenham               | 29.4   | 1.0<br>(0.74 - 1.33)   | 3.5<br>(2.80 - 4.24)  |
| Merton                             | 27.7   | 1.0<br>(0.66 - 1.28)   | 3.5<br>(2.72 - 4.30)  |
| London                             | 27.0   | 0.9<br>(0.88 - 0.97)   | 3.4<br>(3.30 - 3.53)  |
| Enfield                            | 28.6   | 0.9<br>(0.65 - 1.18)   | 3.2<br>(2.53 - 3.87)  |
| Kensington and Chelsea             | 23.8   | 0.9<br>(0.53 - 1.28)   | 3.8<br>(2.63 - 4.97)  |
| Haringey                           | 24.5   | 0.9<br>(0.58 - 1.18)   | 3.6<br>(2.74 - 4.46)  |
| Barnet                             | 24.5   | 0.9<br>(0.61 - 1.14)   | 3.6<br>(2.84 - 4.29)  |
| Greenwich                          | 27.7   | 0.9<br>(0.66 - 1.05)   | 3.1<br>(2.64 - 3.56)  |
| Waltham Forest                     | 26.2   | 0.8<br>(0.64 - 1.06)   | 3.2<br>(2.72 - 3.77)  |

| Local authority        | Prevalence of experience of dental decay (%) | Mean number of teeth with experience of dental decay in all examined children n (95% confidence intervals) | Mean number of teeth with experience of dental decay in children with any decay experience n (95% confidence intervals) |
|------------------------|--|--|---|
| Hammersmith and Fulham | 28.3   | 0.8<br>(0.64 - 1.03)   | 3.0<br>(2.51 - 3.39)  |
| England                | 23.4   | 0.8<br>(0.78 - 0.81)   | 3.4<br>(3.36 - 3.44)  |
| Southwark              | 22.2   | 0.8<br>(0.52 - 1.00)   | 3.4<br>(2.72 - 4.11)  |
| Kingston upon Thames   | 22.0   | 0.8<br>(0.51 - 1.00)   | 3.4<br>(2.63 - 4.24)  |
| Croydon                | 21.4   | 0.8<br>(0.51 - 0.99)   | 3.5<br>(2.72 - 4.30)  |
| Lewisham               | 22.3   | 0.7<br>(0.51 - 0.98)   | 3.3<br>(2.59 - 4.08)  |
| Havering               | 24.6   | 0.7<br>(0.54 - 0.92)   | 3.0<br>(2.48 - 3.42)  |
| Bexley                 | 22.1   | 0.6<br>(0.43 - 0.80)   | 2.8<br>(2.19 - 3.35)  |
| Camden                 | 18.9   | 0.6<br>(0.32 - 0.78)   | 2.9<br>(2.04 - 3.81)  |
| Lambeth                | 19.4   | 0.5<br>(0.35 - 0.69)   | 2.7<br>(2.11 - 3.26)  |
| Islington              | 17.0   | 0.5<br>(0.32 - 0.71)   | 3.0<br>(2.34 - 3.71)  |
| Sutton                 | 21.0   | 0.5<br>(0.35 - 0.63)   | 2.3<br>(1.95 - 2.75)  |
| Richmond upon Thames   | 15.4   | 0.4<br>(0.25 - 0.56)   | 2.6<br>(2.00 - 3.24)  |
| Wandsworth             | 15.5   | 0.4<br>(0.26 - 0.54)   | 2.6<br>(2.02 - 3.11)  |
| Bromley                | 12.0   | 0.3<br>(0.11 - 0.41)   | 2.2<br>(1.23 - 3.11)  |

**Table 2.** Measures of oral health among 5-year-olds in Lambeth, it's statistical neighbours,<sup>i</sup> London and England.

|  | Lambeth | Statistical neighbour within London: Hackney (including City of London) | Statistical neighbour comparator 1: Hackney (including City of London) | London | England |
|--|---------|---|--|--------|---------|
| Prevalence of experience of dental decay   | 19.4%   | 28.0%   | 28.0%  | 27.0%  | 23.4%   |
| Mean number of teeth with experience of dental decay                                   | 0.5     | 1.1   | 1.1  | 0.9    | 0.8     |
| Mean number of teeth with experience of decay in those with experience of dental decay | 2.7     | 3.9   | 3.9  | 3.4    | 3.4     |
| Mean number of decayed teeth in those with experience of dental decay                  | 1.9     | 3.1   | 3.1  | 2.6    | 2.7     |
| Proportion with active decay   | 16.5%   | 25.6%   | 25.6%  | 23.2%  | 20.4%   |
| Proportion with experience of tooth extraction <sup>ii</sup>                           | 3.0%    | 2.0%  | 2.0%   | 3.2%   | 2.2%    |
| Proportion with dental abscess   | 0.0%    | 1.8%  | 1.8%   | 0.9%   | 1.0%    |
| Proportion with teeth decayed into pulp  | 2.4%    | 4.9%  | 4.9%   | 3.4%   | 3.3%    |
| Proportion with decay affecting incisors <sup>iii</sup>                                | 3.0%    | 12.1%   | 12.1%  | 8.2%   | 5.2%    |
| Proportion with high levels of plaque present on upper front teeth <sup>iv</sup>       | 0.4%    | 1.3%  | 1.3%   | 2.1%   | 1.2%    |

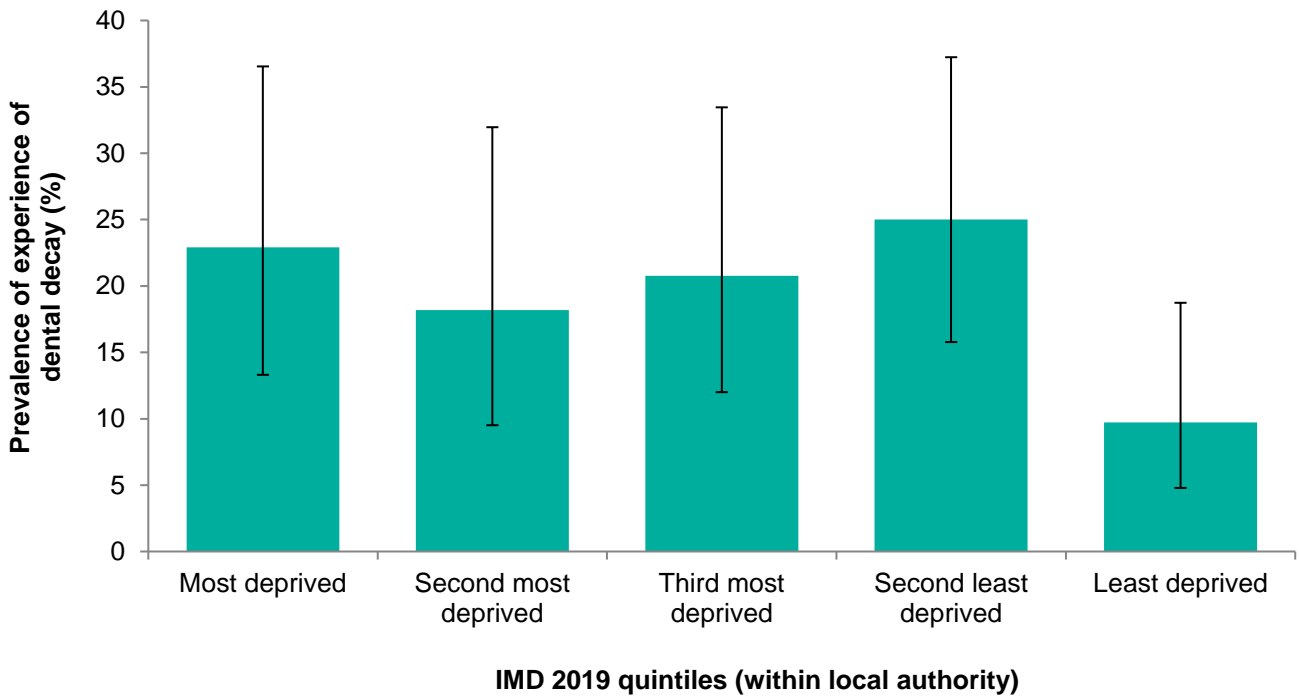
<sup>i</sup> generated by the children's services statistical neighbour benchmarking tool, the neighbour within London has "Close" comparator characteristics and the national neighbour 1 has "Close" comparator characteristics<sup>3</sup>.

<sup>ii</sup> experience of extraction of one or more teeth on one or more occasions.

<sup>iii</sup> dental decay involving one or more surfaces of upper anterior teeth.

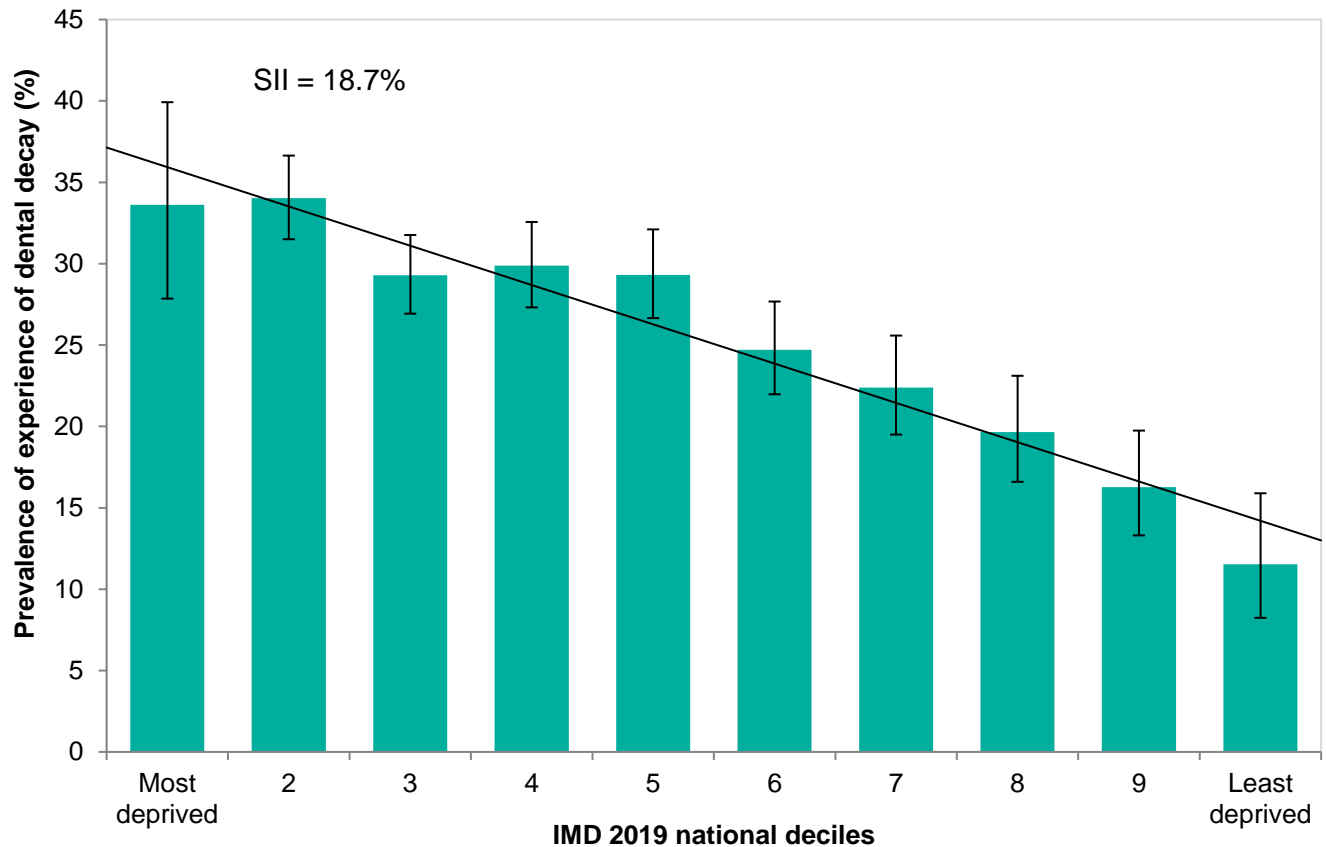
<sup>iv</sup> indicative of poor tooth brushing habits.

**Figure 2:** Prevalence of experience of dental decay in 5-year-olds in Lambeth, by local authority Index of Multiple Deprivation (IMD) 2019 quintiles.



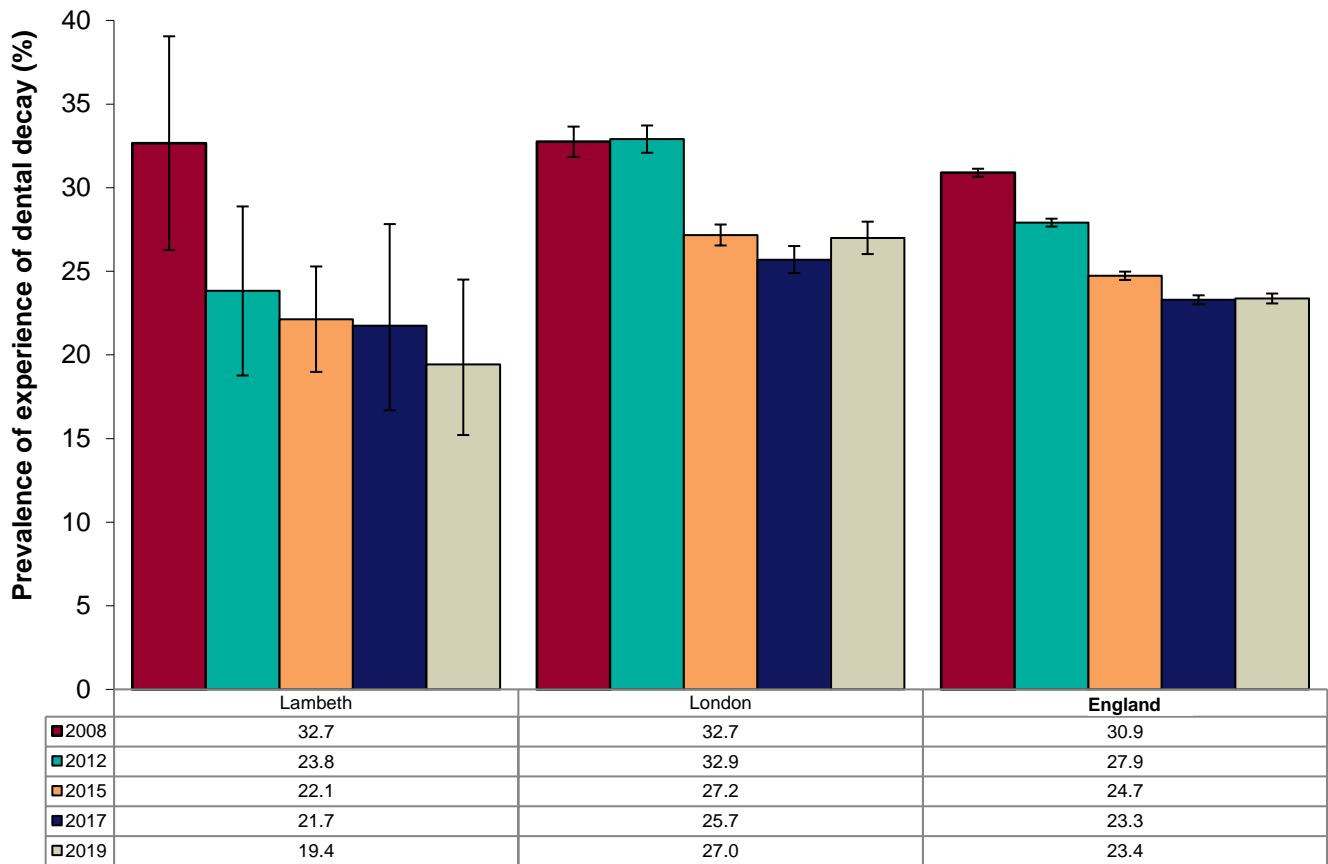
Error bars represent 95% confidence limits

**Figure 3:** Slope index of inequality in the prevalence of experience of dental decay in 5-year-olds in London.



Error bars represent 95% confidence limits

**Figure 4:** Prevalence of experience of dental decay in 5-year-olds in Lambeth, London and England, by year.

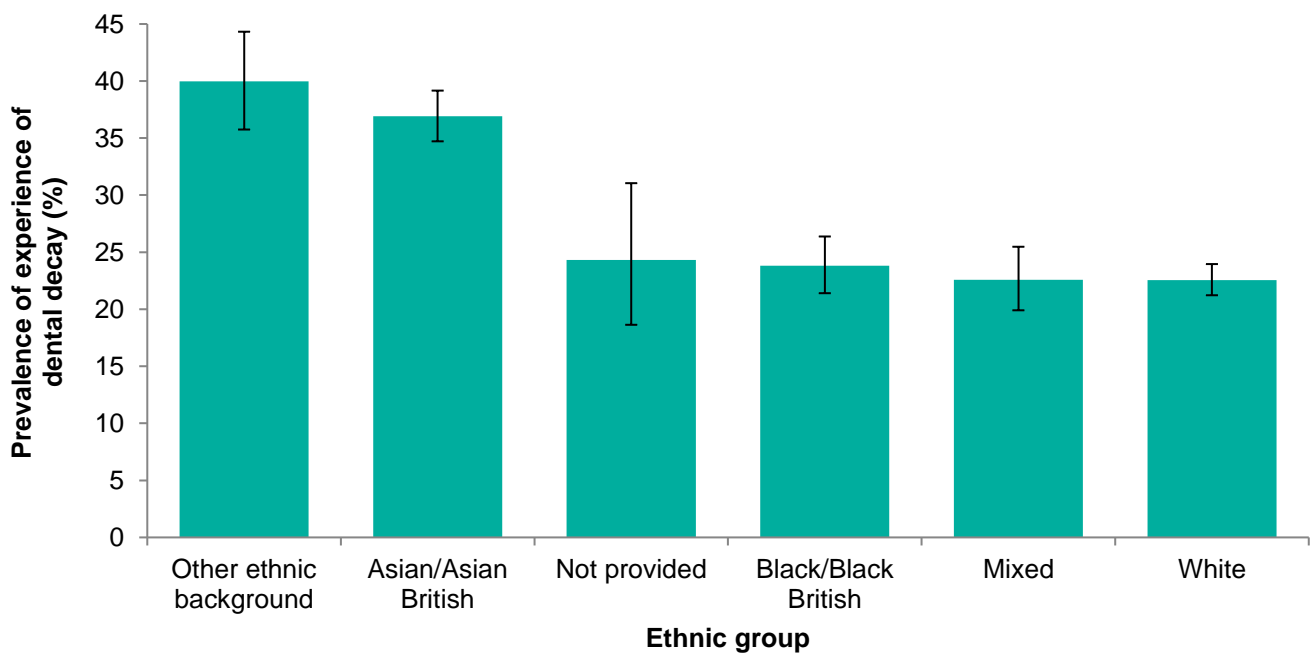


Error bars represent 95% confidence limits

**Table 3:** Experience of dental decay in 5-year-olds in London, by ethnic group.

| Ethnic group            | Number of children examined (N) | Prevalence of experience of dental decay (%) | Mean number of teeth with experience of dental decay among children with any experience of dental decay n (95% CI) | Prevalence of dental decay affecting incisors (%) |
|-------------------------|---------------------------------|--|--|---|
| Other ethnic background | 498                             | 40.0   | 3.8<br>(3.42 - 4.18)   | 13.1  |
| Asian/Asian British     | 1,807                           | 36.9   | 3.7<br>(3.48 - 3.92)   | 14.1  |
| Not provided            | 181                             | 24.3   | 2.6<br>(1.92 - 3.30)   | 6.1   |
| Black/Black British     | 1,126                           | 23.8   | 3.0<br>(2.69 - 3.26)   | 6.0   |
| Mixed                   | 864                             | 22.6   | 3.3<br>(2.93 - 3.69)   | 6.6   |
| White                   | 3,590                           | 22.6   | 3.3<br>(3.12 - 3.51)   | 5.8   |
| London                  | 8,066                           | 27.0   | 3.4<br>(3.30 - 3.53)   | 8.2   |

**Figure 5:** Prevalence of experience of dental decay in 5-year-olds in London, by ethnic group.



Error bars represent 95% confidence limits

**Table 4:** Prevalence and severity of experience of dental decay experience in 5-year-olds in Lambeth, in wards where an enhanced sample was undertaken.

| Ward            | Prevalence of experience of dental decay (%) | Mean number of teeth with experience of dental decay in the whole sample n (95% CI) | Mean number of teeth with experience of dental decay among children with any experience of dental decay n (95% CI) |
|-----------------|--|---|--|
| Coldharbour     | 5.6  | 0.1<br>(0.00 - 0.16)  | Data not available   |
| Herne Hill      | 18.5   | 0.5<br>(0.00 - 0.98)  | Data not available   |
| Oval            | 9.7  | 0.1<br>(0.00 - 0.28)  | Data not available   |
| Stockwell       | 26.8   | 1<br>(0.38 - 1.62)  | 3.7<br>(2.35 - 5.10)   |
| Streatham Wells | 7.4  | 0.2<br>(0.00 - 0.45)  | Data not available   |
| Lambeth         | 19.4   | 0.5<br>(0.35 - 0.69)  | 2.7<br>(2.11 - 3.26)   |

## Summary

In Lambeth average levels of dental decay are lower than the average for England.

The small sample sizes mean it is not possible to provide information at ward level for the whole area. Future surveys could be commissioned to provide larger samples to facilitate local analysis. Commissioning High Quality Information to Support Oral Health Improvement: A toolkit about dental epidemiology for local authorities, commissioners and partners is available to support the commissioning of oral health surveys<sup>4</sup>.

Public health interventions can improve child oral health at a local level. Local authorities improving oral health: commissioning better oral health for children and young people is available to support local authorities to commission oral health improvement programmes for children and young people aged up to 19 years<sup>5</sup>.

If further local analysis is required, please contact the national dental public health team:

[DentalPHIntelligence@phe.gov.uk](mailto:DentalPHIntelligence@phe.gov.uk)



## References

1. Public Health England (2020). National Dental Epidemiology Programme for England: oral health survey of 5-year-olds 2019 [Online]. Available at: <https://www.gov.uk/government/statistics/oral-health-survey-of-5-year-old-children-2019> [Accessed 29 May 2020].
2. Pine, C.M., Pitts, N.B. and Nugent, Z.J. (1997a). British Association for the Study of Community Dentistry (BASCD) guidance on the statistical aspects of training and calibration of examiners for surveys of child dental health. A BASCD co-ordinated dental epidemiology programme quality standard. Community Dental Health 14 (Supplement 1):18-29.
3. Children's services statistical neighbour benchmarking tool [online]. Available at: [www.gov.uk/government/publications/local-authority-interactive-tool-lait](http://www.gov.uk/government/publications/local-authority-interactive-tool-lait) [Accessed 29 May 2020].
4. Public Health England (2016). Commissioning high quality information to support oral health improvement. A toolkit about dental epidemiology for local authorities, commissioners and partners [Online]. Available at: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/773332/Commissioning\\_High\\_Quality\\_Information\\_to\\_Support\\_Oral\\_Health\\_Improvement.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/773332/Commissioning_High_Quality_Information_to_Support_Oral_Health_Improvement.pdf)
5. Public Health England (2014). Local authorities improving oral health: commissioning better oral health for children and young people [Online]. Available at: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/321503/CBOHMaindocumentJUNE2014.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/321503/CBOHMaindocumentJUNE2014.pdf)

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