



## Dental Health of five-year-old children in Bedford Borough Council (provisional data)

### Background

Regular surveys are carried out on the prevalence and severity of dental decay (caries) in five-year-old children attending state schools in England. The results from these surveys are published as Official Statistics by Public Health England. The latest published data for all local authorities relates to 2011/12 and data relating to 2014/15 will be published in March 2016.

Dental health survey data from the school academic years 2007/08 and 2014/15 have been compared to assess the impact of water fluoridation on the dental health of five year olds in Bedford Borough Council. This notice and a report on this issue will be published by Public Health England on 4 November based on provisional 2014/15 data. The findings will also be discussed at the Bedford Borough Council Adult Services and Health Overview and Scrutiny Committee meeting on 10 November.

In accordance with the Code of Practice for Official Statistics, the data included in the report which will form part of the Official Statistics release in March is reproduced in the tables below. **Please note this is provisional data prior to data cleansing of the national dataset and is subject to revision when the full dataset is published in March 2016.**

## Results

**Table 1. Average DMFT (obvious Decayed, Missing due to decay and Filled Teeth) in 2007/08 and 2014/15 (provisional)**

Local Authority	Avg dmft			% dmft>0			Avg dmft>0		
	2007/08	2014/15 provisional	P value	2007/08	2014/15 provisional	P value	2007/08	2014/15 provisional	P value
Bedford	0.85	0.97	0.18	26.2	27.1	0.51	3.26	3.57	0.21
Difference	+0.12			+0.9%			+0.31		

**Table 2. average decayed (dt) and missing due to decay (mt) teeth - Bedford**

	Number of children examined	Avg dt (Lower CI, Upper CI)	% dt>0 (Lower CI, Upper CI)	Avg dt>0 (Lower CI, Upper CI)	Avg mt (Lower CI, Upper CI)	% mt>0 (Lower CI, Upper CI)	Avg mt>0 (Lower CI, Upper CI)
Bedford Borough 2007/8	n= 1010	0.65 (0.55, 0.75)	23.1 (20.6, 25.7)	2.81 (2.49, 3.14)	0.07 (0.03, 0.10)	2.20 (1.30, 3.10)	3.16 (2.34,3.98)
Bedford Borough 2014/15 (provisional)	n=863	0.73 (0.61, 0.85)	23.6 (20.8, 26.4)	3.09 (2.74, 3.43)	0.12 (0.07,0.17)	3.20 (2.10, 4.40)	3.70 (2.77, 4.63)

**Source:** National Dental Epidemiology Programme <http://www.nwph.net/dentalhealth/>

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