

# Oral Health Survey 2017

Paul Kingswell

(Warwickshire County Council)

&

Vicky Massey (Public Health England)

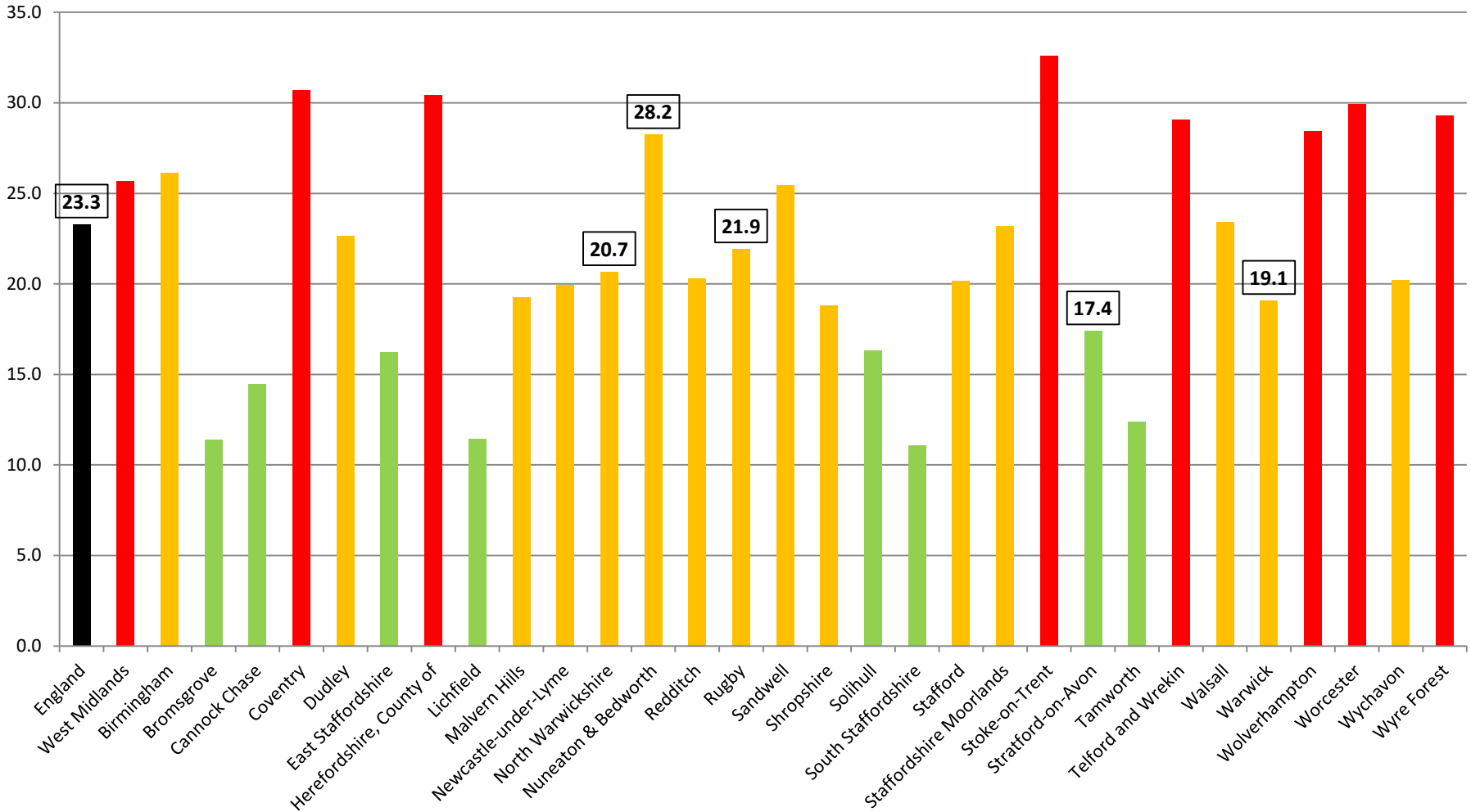


# Background

- Results from the Public Health England NDEP Oral Health Survey of five-year-old children, 2017
- 1,169 Warwickshire five year olds included in national survey data.
- A further 214 five year olds (*Additional Sample – A*) are included in the Rugby Borough analysis – *slide 8*



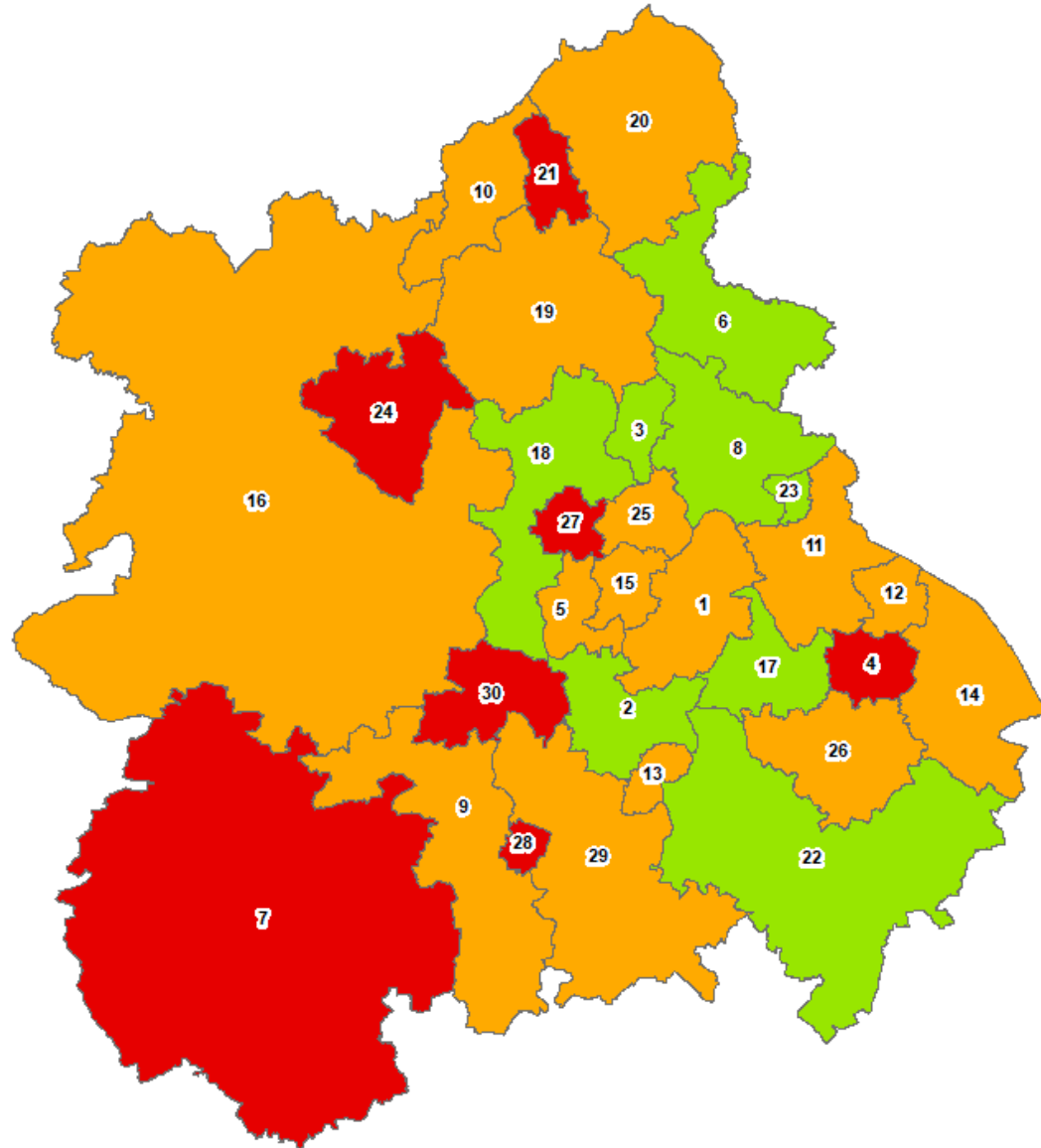
# 1. Population aged 5 with experience of dental decay, by West Midlands Local Authority (RAG rated - %)



Source: National Dental Epidemiology Programme for England, Oral Health Survey of five-year-old children 2017



**1. Proportion of population aged 5 with experience of dental decay, by West Midlands Local Authority (RAG rated - %)**



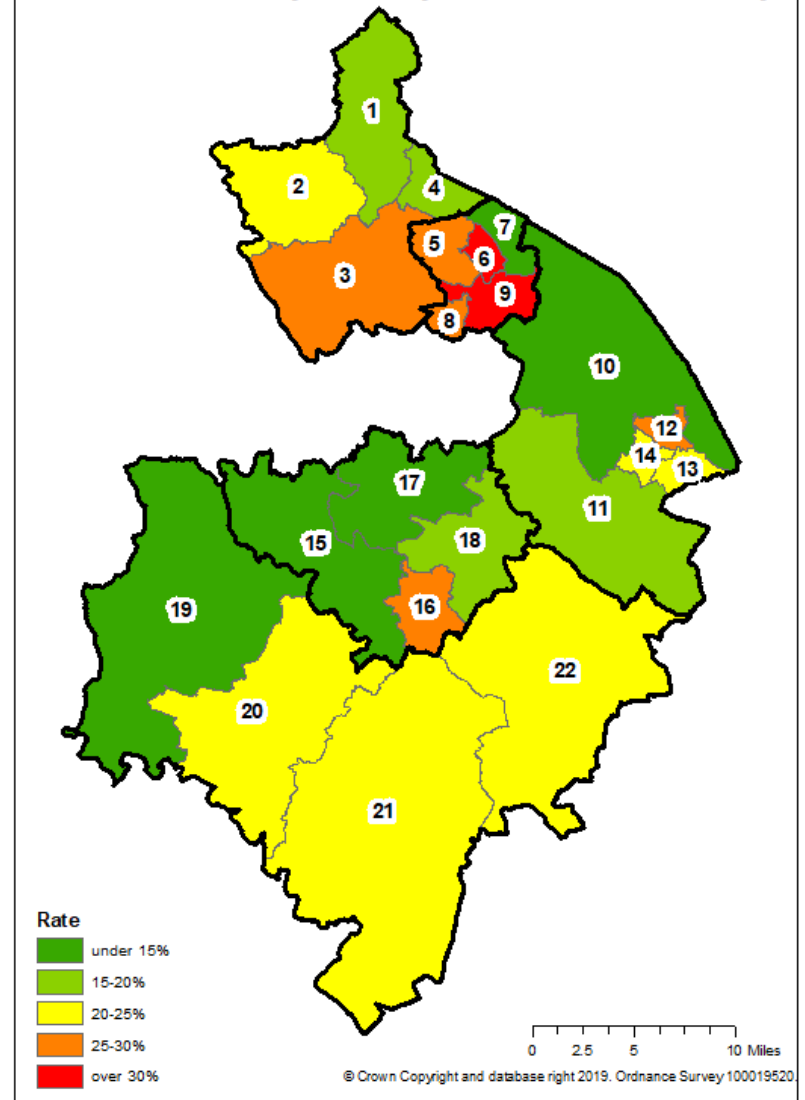
Source: National Dental Epidemiology Programme for England, Oral Health Survey of five-year-old children 2017



## 2. Rates of dental decay experience by Warwickshire JSNA area

- Highest prevalence of dental decay in Bedworth Central & Bulkington 37.2% (sample size 43) and in Nuneaton Central 34.4% (sample size 61) JSNA areas compared to Warwickshire rate of 21.3% (sample size 1,169)
- Lowest rate in Weddington, Horeston Grange and Whitestone 9.7% (sample size 31) JSNA area.

Oral Health Survey 2017 - 5 year olds with dental decay



Source: National Dental Epidemiology Programme for England, Oral Health Survey of five-year-old children 2017



### 3. JSNA areas with the highest prevalence of children with experience of dental decay, compared to Warwickshire (21.3%)

JSNA Area	Prevalence (% d <sub>3</sub> mft>0)
Bedworth Central and Bulkington	37.2
Nuneaton Central	34.4
Leamington, Whitnash and Bishop's Tachbrook	27.8
Newbold and Brownsover	27.5
Nuneaton Common and West	26.1

Source: National Dental Epidemiology Programme for England, Oral Health Survey of five-year-old children 2017



## 5. Prevalence of decay experience by ethnicity in Warwickshire as a whole

Ethnicity	No. of children where $d_3mft=0$	No. of children where $d_3mft>0$	% children where $d_3mft>0$	Ave $d_3mft$ where $d_3mft>0$
White (excluding white other)	758	164	17.8%	2.3
White other	56	34	37.8%	2.7
Mixed	41	14	25.5%	2.8
Asian/Asian British	36	20	35.7%	2.7
Other	29	17	37.0%	3.9

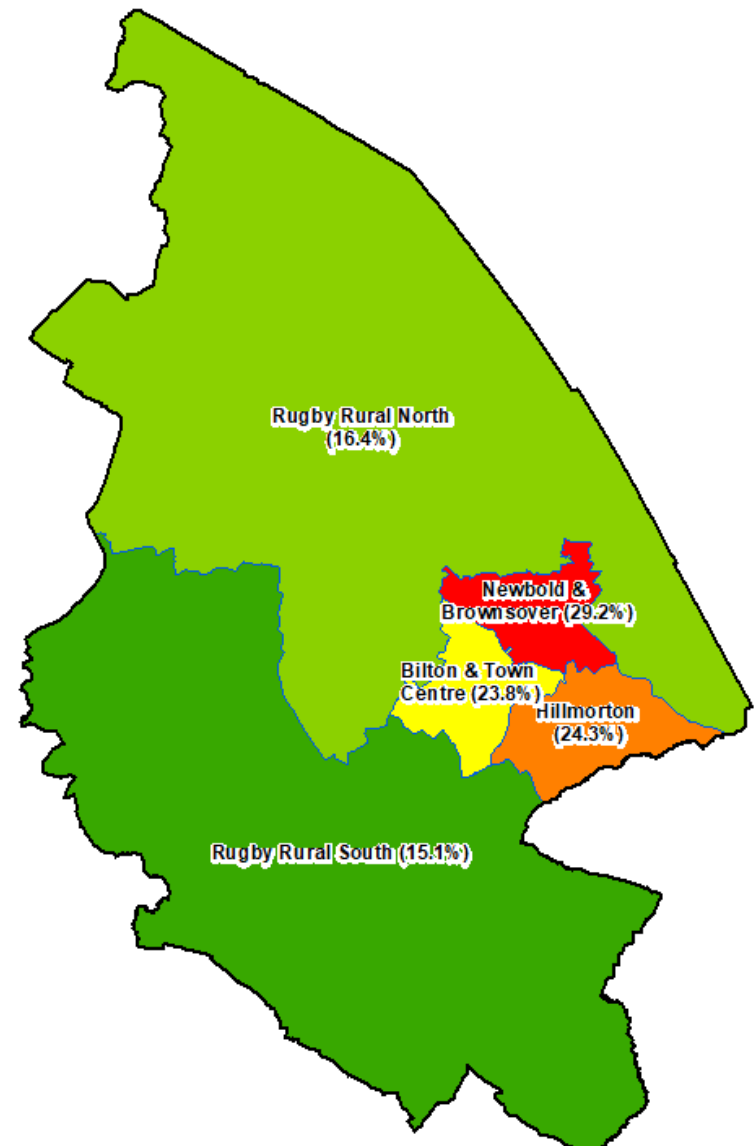


## 6. Prevalence of dental decay experience in Rugby by JSNA area (where $d3mft > 0$ )

- Newbold & Brownsover (29.2%) has the highest prevalence of dental decay of the Rugby Borough JSNA areas.
- Rugby Rural South (15.1%) has the lowest prevalence of decay.

*NB: Analysis on this Rugby slide includes 'Additional Sample – A' data*

Source: National Dental Epidemiology Programme for England, Oral Health Survey of five-year-old children 2017





## 8. Summary

- The prevalence of dental decay experience across Warwickshire (21.6%) is better than but not significantly different to England (23.3%)
- 3 out of the 5 JSNA areas with the highest prevalence of dental decay experience are in Nuneaton & Bedworth Borough.
- ‘White’ (excluding white other) ethnic group has considerably less dental decay experience than all the other ethnic groups considered.

