

National Child Measurement Programme (NCMP) 2022-23

The Joint Strategic Needs Assessment (JSNA) provides information on the current and future health and wellbeing needs of people in Bradford District visit <https://jsna.bradford.gov.uk>

**Public Health Intelligence Team
Office of the Chief Executive, Public Health**



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Introduction

The National Child Measurement Programme (NCMP), established in 2006 is a nationally mandated public health programme. It collects annual measurements of the height and weight of over one million children in Reception (age 4-5 years) and Year 6 (age 10-11 years) in primary schools across England and provides the data for the child excess weight indicators in the Public Health Outcomes Framework (PHOF).

5,875 children in reception and 7,400 Year 6 aged children in Bradford were measured as part of the NCMP for the 2022-23 school year. The participation rate in Bradford was 83.1% (90.3% in 2021-22) in reception aged children which was below the expected threshold (85.1%) and 90.7% (88.5% in 2021-22) for children in Year 6.

Data Source: NHS Digital [National Child Measurement Programme - NHS Digital](#)**

**There was no published data for 2020-21 due to the NCMP data collection stopping in March 2020 when schools closed due to the COVID-19 pandemic.

What does the data tell us?

Reception aged children who are overweight (including obesity) has **decreased** to **21.2%** in 2022-23

Year 6 aged children who are overweight (including obesity) has **decreased** to **40.4%** in 2022-23



5,875 (83.1%) children in reception and **7,400 (90.7%)** year 6 aged children were measured as part of the NCMP in 2022-23

Reception aged children with a healthy weight (**77.0%**) is **higher** than 2021-22 (**74.9%**)

Year 6 aged children with a healthy weight (**57.1%**) is **higher** than in 2021-22 (**56.3%**)



The prevalence of Year 6 children that are classified overweight or very overweight **increases** as deprivation **increases**; **28.7%** in the most deprived quintile compared to **12.4%** in least deprived quintile

The prevalence of obesity (including severe obesity) in Reception children within each quintile ranges from **6.8%** in the least deprived to **11.9%** in the most deprived quintile

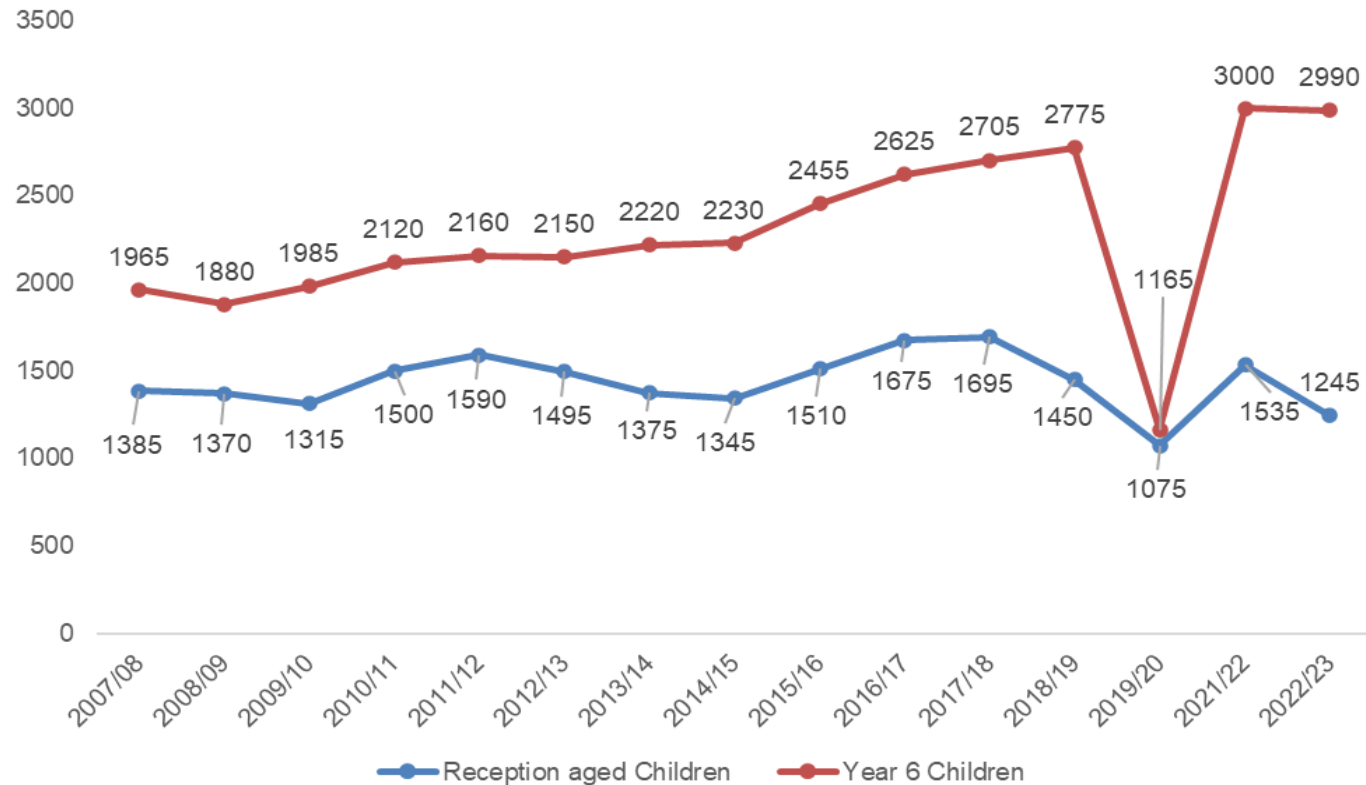
Prevalence of overweight including obesity in reception children across the wards of Bradford District ranges from **15.6%** to **28.3%** with Year 6 **20.7%** to **46.8%**



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National Child Measurement Programme (NCMP)

Children classified as overweight or obese for reception aged and year 6 aged children 2022-23



5,875 reception aged children and 7,400 year 6 aged children were measured as part of the NCMP.

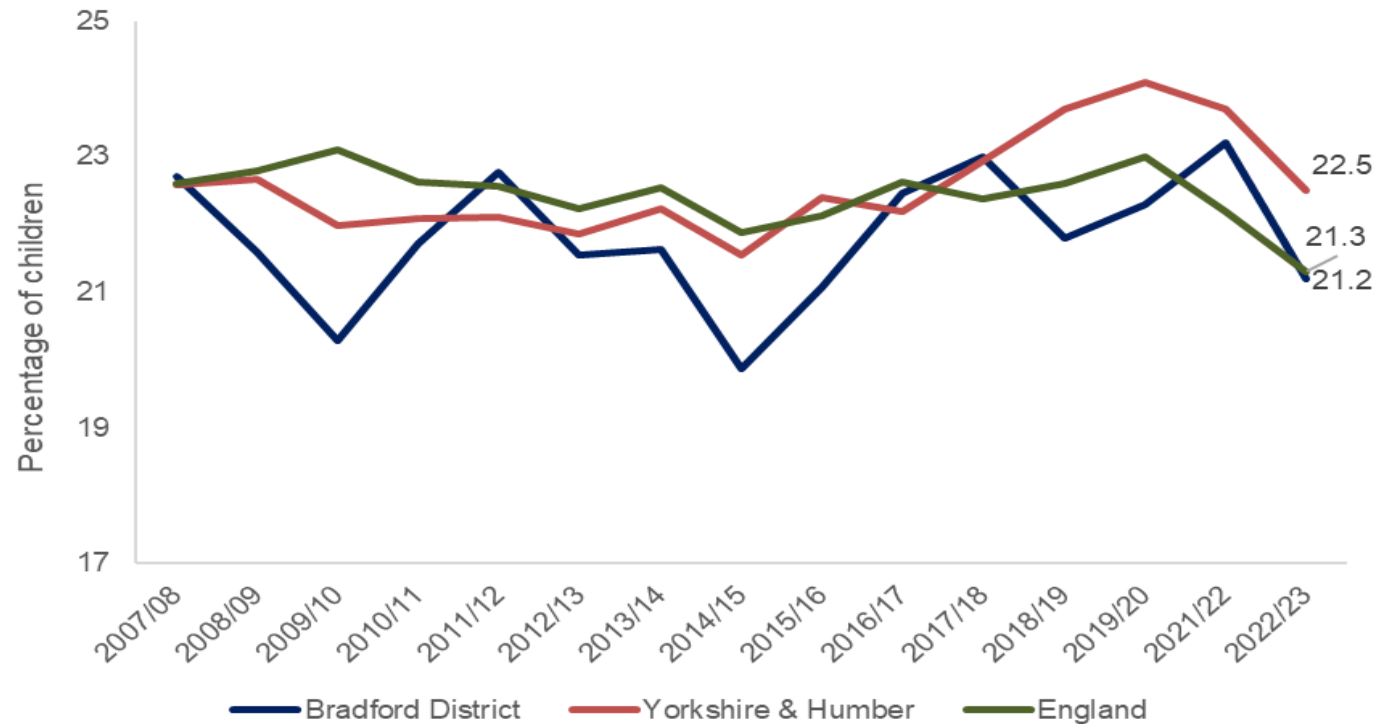
1,245 reception aged children and 2,990 year 6 aged children had a BMI classified as overweight or obese.



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Excess Weight - Reception

Prevalence of reception aged children who are overweight (including obesity) 2022-23



The prevalence of reception aged children who are overweight (including obesity) in the Bradford district has decreased to 21.2% compared to 23.2% in 2021-22. This is lower than in 2018-19 and 2019-20.

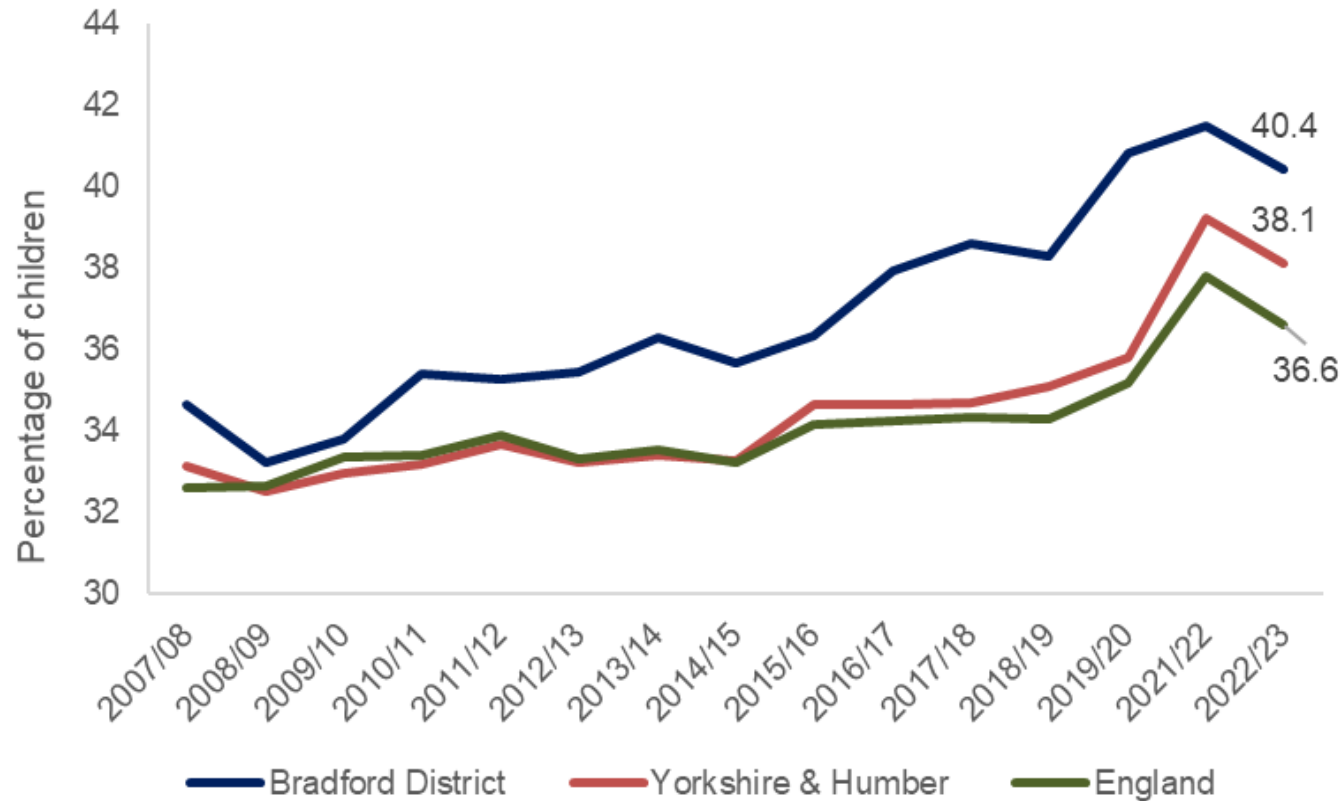
The prevalence of reception aged children who are overweight (including obesity) in the Bradford district is below the England average of 21.3% and regional average of 22.5%.

In 2022-23, Bradford has the **84th highest** prevalence of reception aged children who are overweight (including obesity) out of the local authorities in England

Excess Weight – Year 6

Prevalence of Year 6 children who are overweight (including obesity)

2022-23



The prevalence of year 6 aged children who are overweight (including obesity) in the Bradford district has decreased to 40.4% compared to 41.5% in 2021-22 and 40.8% in 2019-20. This is still higher than 2018-19.

The prevalence of year 6 aged children who are overweight (including obesity) in the Bradford district remains above national average (36.6%) and regional average of 38.1%.

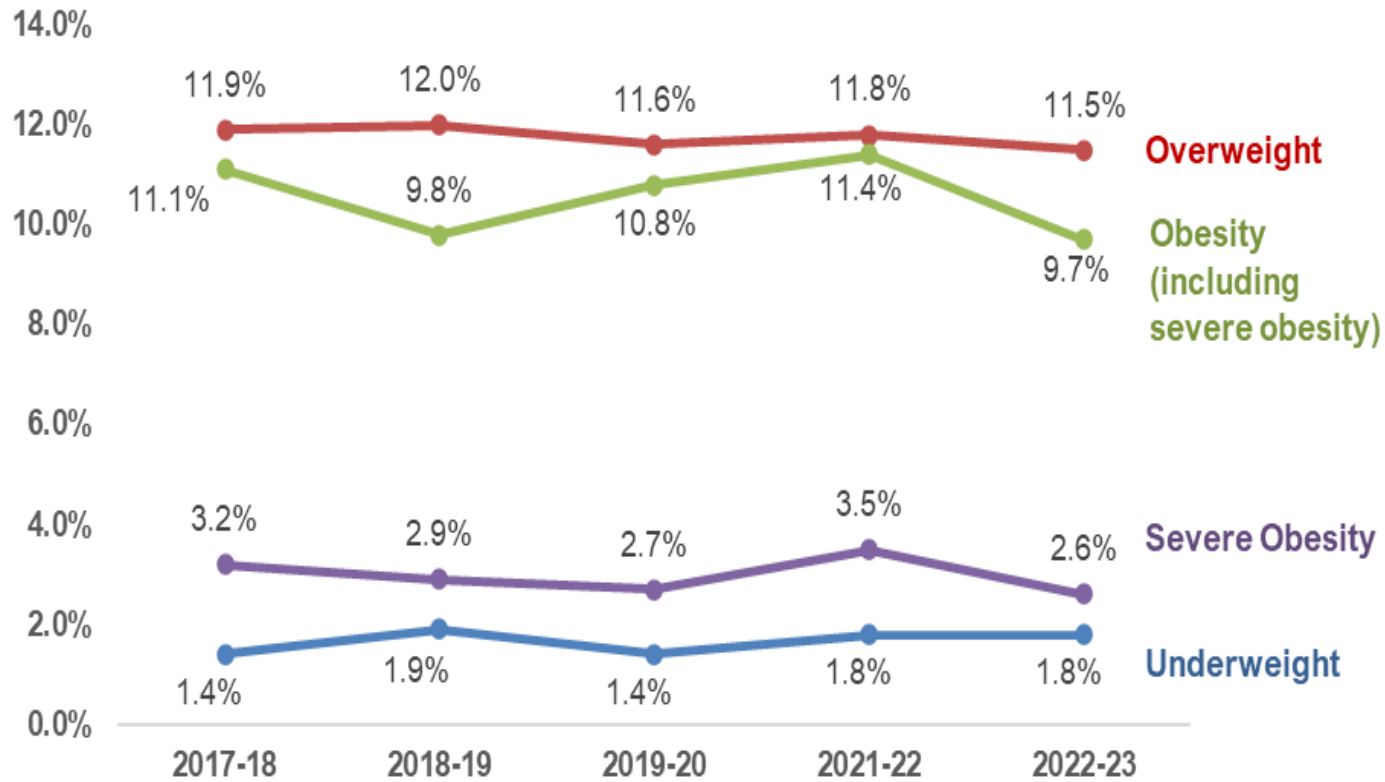
In 2022-23, Bradford has the **40th highest** year 6 aged children who are overweight (including obesity) out of the local authorities in England



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Excess Weight – Reception

BMI status of reception aged children 2022-23



The prevalence of reception aged children who are overweight in the Bradford district has decreased to 11.5% compared to 11.8% in 2021-22.

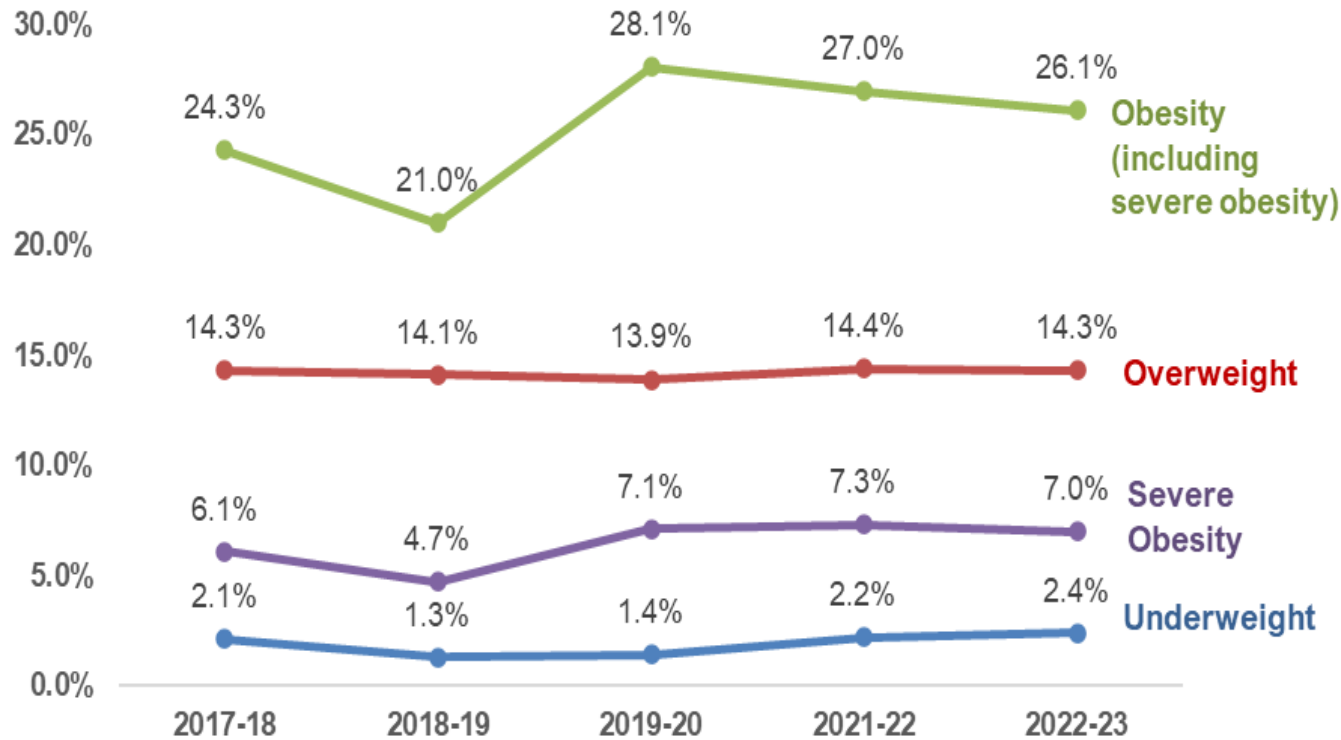
Obesity (including severe obesity) decreased in 2022-23 to 9.7%. This is lower than 2019-20 (10.8%) and 2021-22 (9.8%)

In 2022-23 1.8% reception aged children had a BMI status as underweight, which is the same as 2021-22 and higher than 2019-20 (1.4%).

Excess Weight – Year 6

BMI Status of year 6 aged children

2022-23



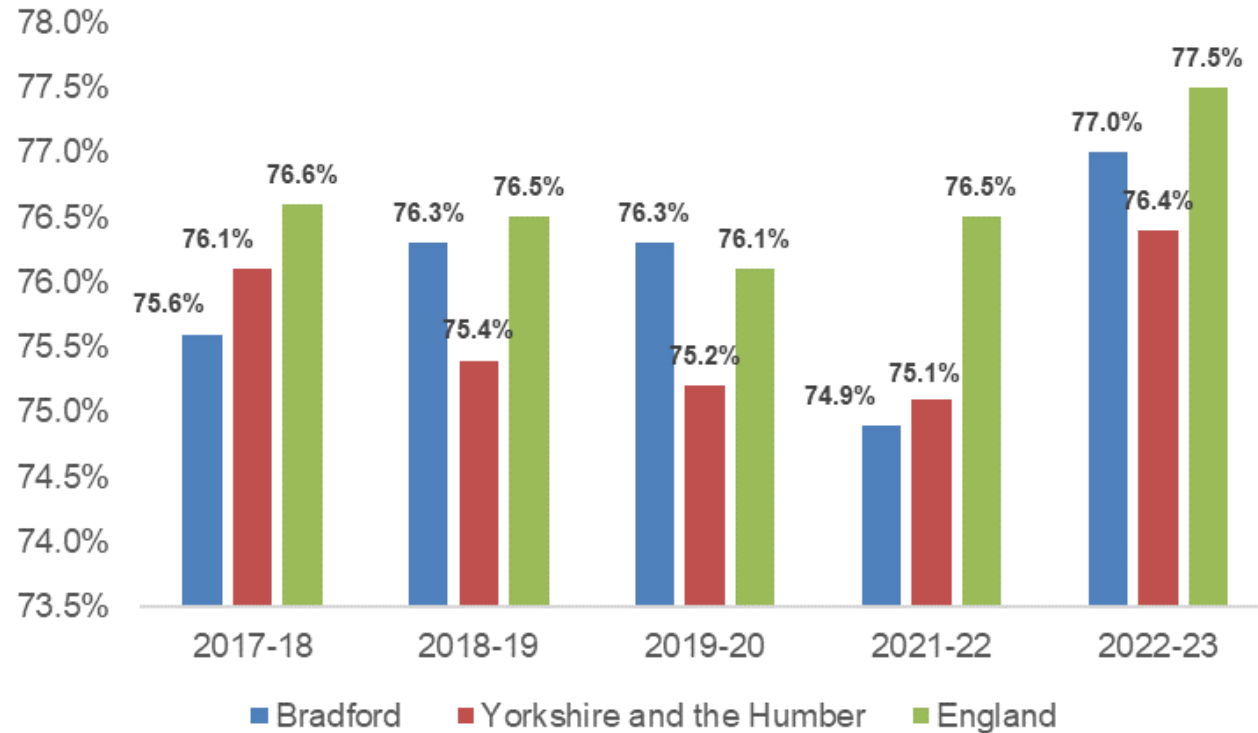
The prevalence of year 6 aged children living with obesity including severe obesity in Bradford has decreased to 26.1% compared to 27.0% in 2021-22 and 28.1% in 2018-19.

Year 6 aged children who are overweight decreased in 2022-23 to 14.3% compared to 14.4% in 2021-22. It is still higher than 2019-20 (13.9%)

2.4% of year 6 aged children had a BMI status as underweight, which is higher compared to 2021-22 (2.2%), 2019-20 (1.4%) and 2018-19 (1.3%).

Healthy Weight – Reception

Prevalence of reception aged children with a healthy weight 2022-23



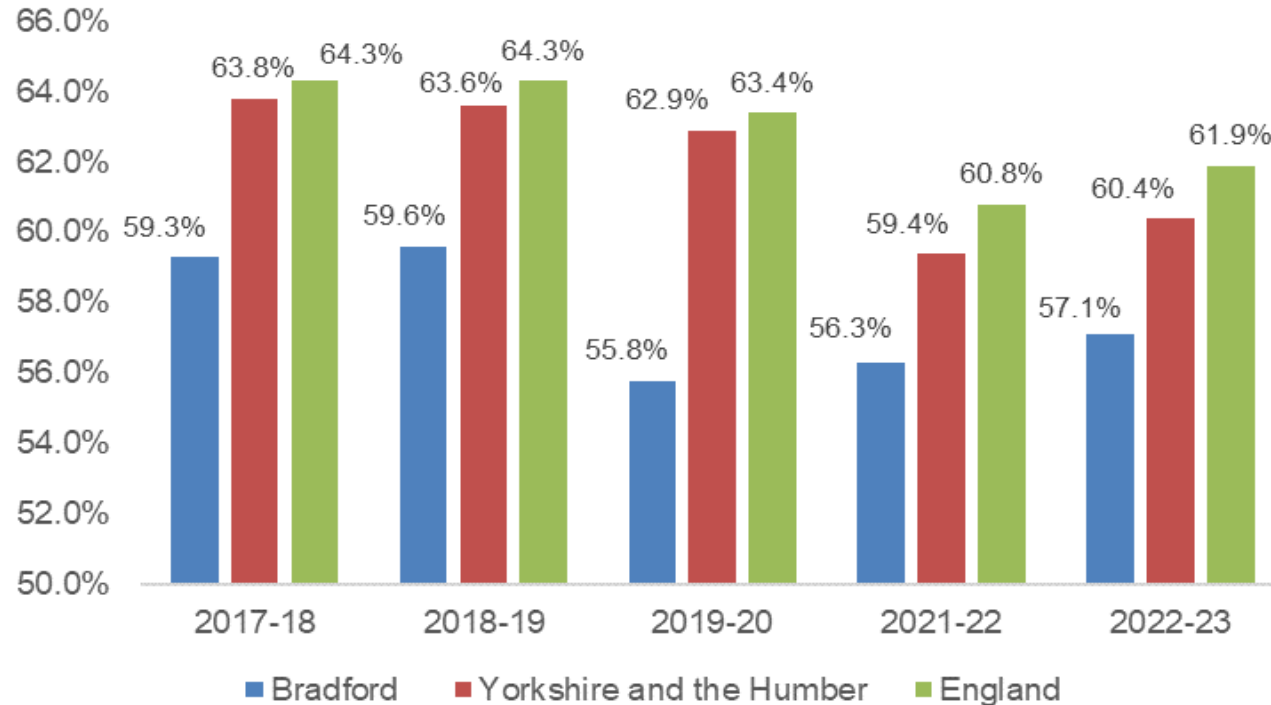
In 2022-23, the prevalence of reception aged children with a healthy weight (77.0%) in Bradford is higher than 2021-22 (74.9%) and for the reporting periods 2017-18 to 2019-20 which had a prevalence rate of 75.6% in 2017-18 and 76.3% in both 2018-19 and 2019-20.

The district is higher than regional average of 76.4% but remains lower than the England average of 77.5%.

Bradford has the **82nd highest** prevalence of reception aged children with a healthy weight out of the 151 local authorities in England

Healthy Weight – Year 6

Prevalence of year 6 aged children with a healthy weight 2022-23



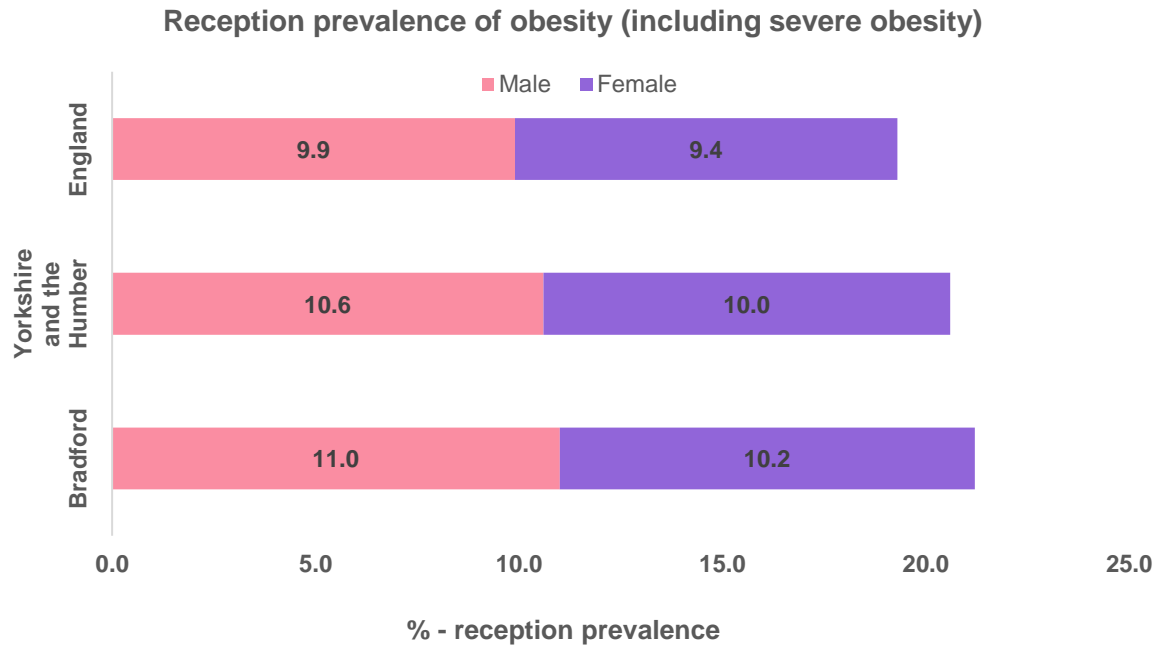
In 2022-23, the prevalence of year 6 aged children with a healthy weight (57.1%) in Bradford is higher than 2019-20 (55.8%) and 56.3% in 2021-22 but lower than 2017-18 (59.3%) and 2018-19 (59.6%)

The district remains lower than the regional average of 60.4% and England average of 61.9%.

Bradford has the **26th lowest** prevalence of year 6 aged children with a healthy weight out of the 151 local authorities in England

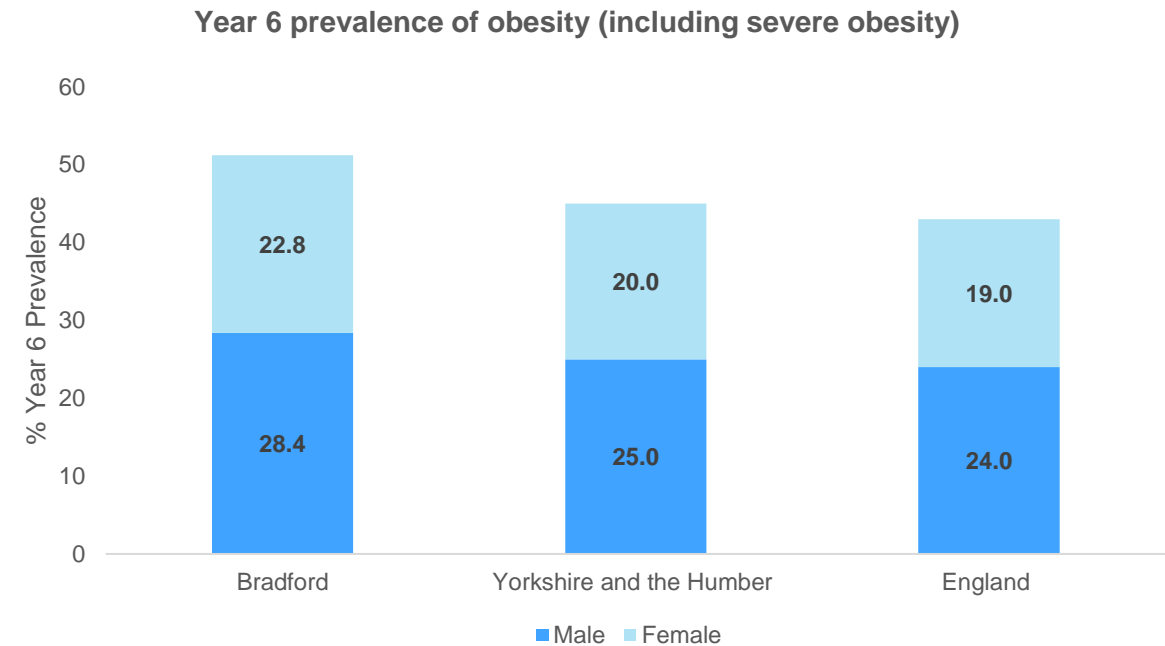
Excess Weight

Gender - prevalence of obesity (including severe obesity)
5 years data combined 2018-19 – 2022-23



There is a higher proportion of males compared to females in reception obesity including severe obesity. The district has a higher prevalence compared to Yorkshire and the Humber and England.

In Year 6 there is also a higher prevalence of obesity (including severe obesity) in males than females. For male and females, the district has a higher prevalence than Yorkshire and the Humber and England.

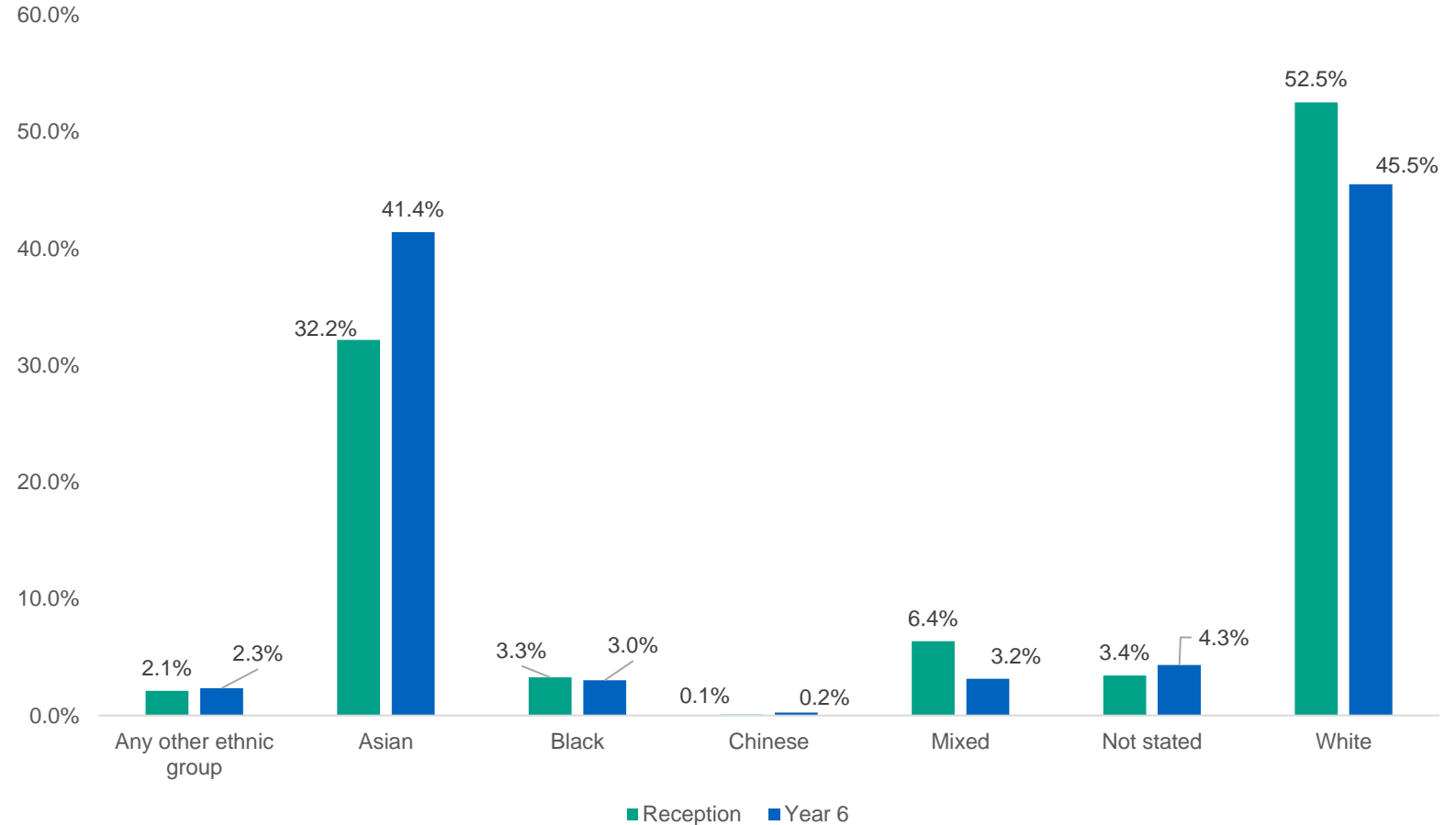


Excess Weight

Ethnicity – Prevalence of Reception and Year 6 children overweight or very overweight** 2022-23

The estimated prevalence of reception and year 6 children overweight or very overweight varies between different ethnic groups across the district in 2022-23.

For Year 6 children 45.5% are white with 41.4% Asian, for reception children more than half are white (52.5%) followed by 41.4% Asian.

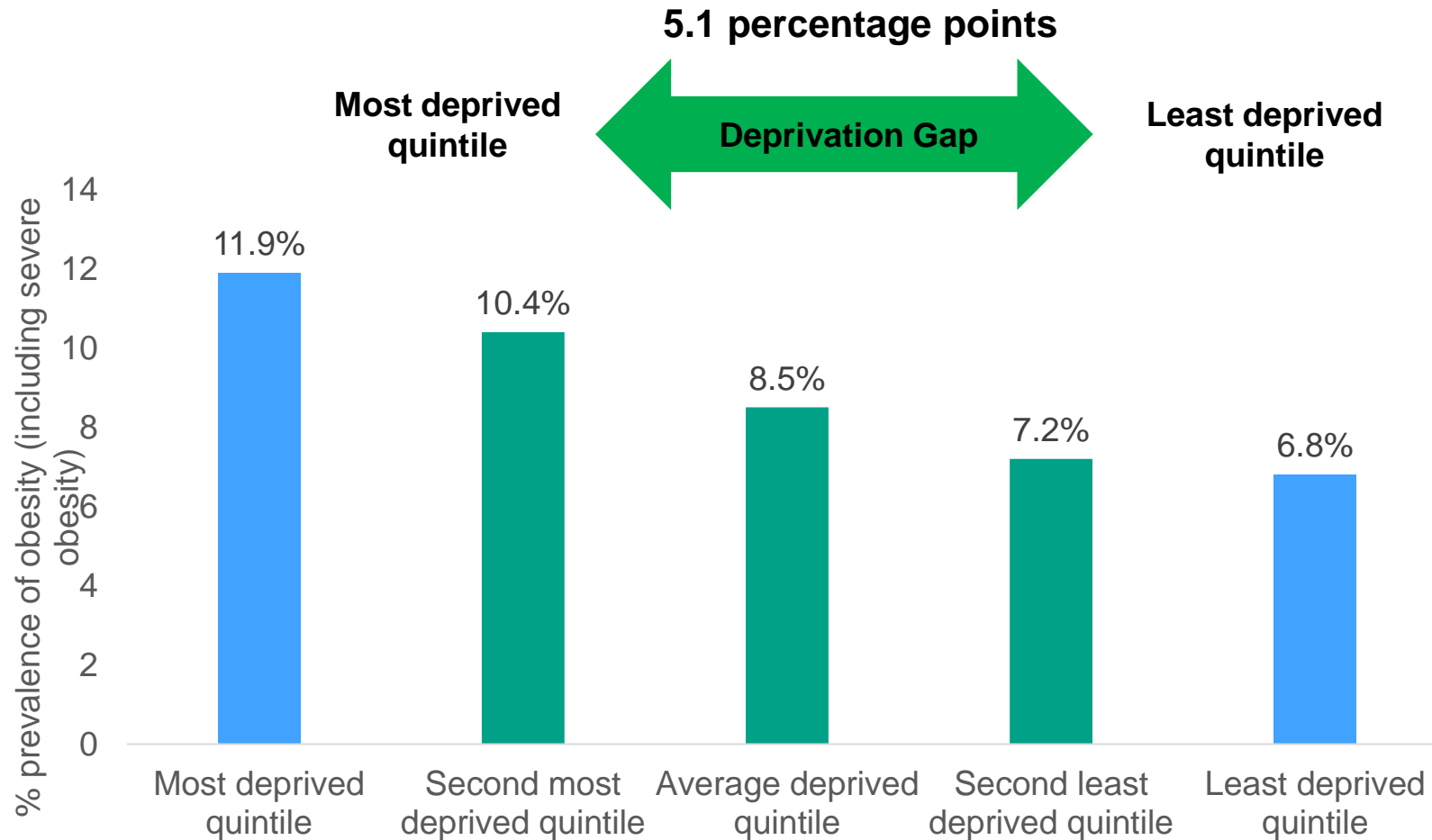


**Interpret with caution - The prevalence estimates is for guidance only and has been calculated via local statistics for 2022-23 – it is not to be compared to regional and national statistics.



Excess Weight – Reception

Deprivation - 5 years data combined 2018-19 – 2022-23



The prevalence of obesity (including severe obesity) in Reception children within each quintile ranges from 6.8% in the least deprived to 11.9% in the most deprived.

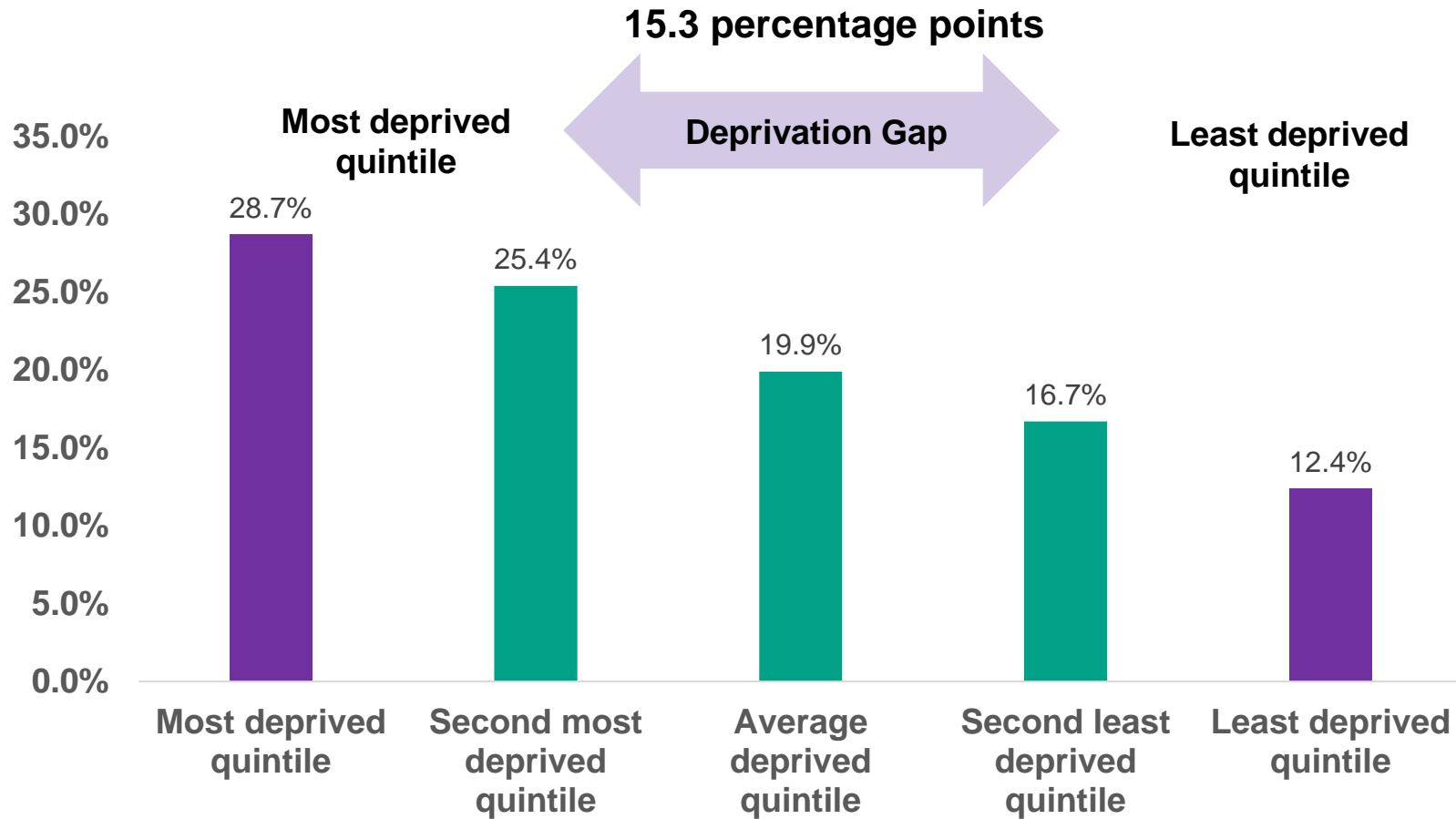
The 5 years data combined from 2018-10 to 2022-23 show the gap between the most and least deprived quintiles within the district was 5.1 percentage points.



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Excess Weight – Year 6

Deprivation – 5 years data combined 2018-19 – 2022-23



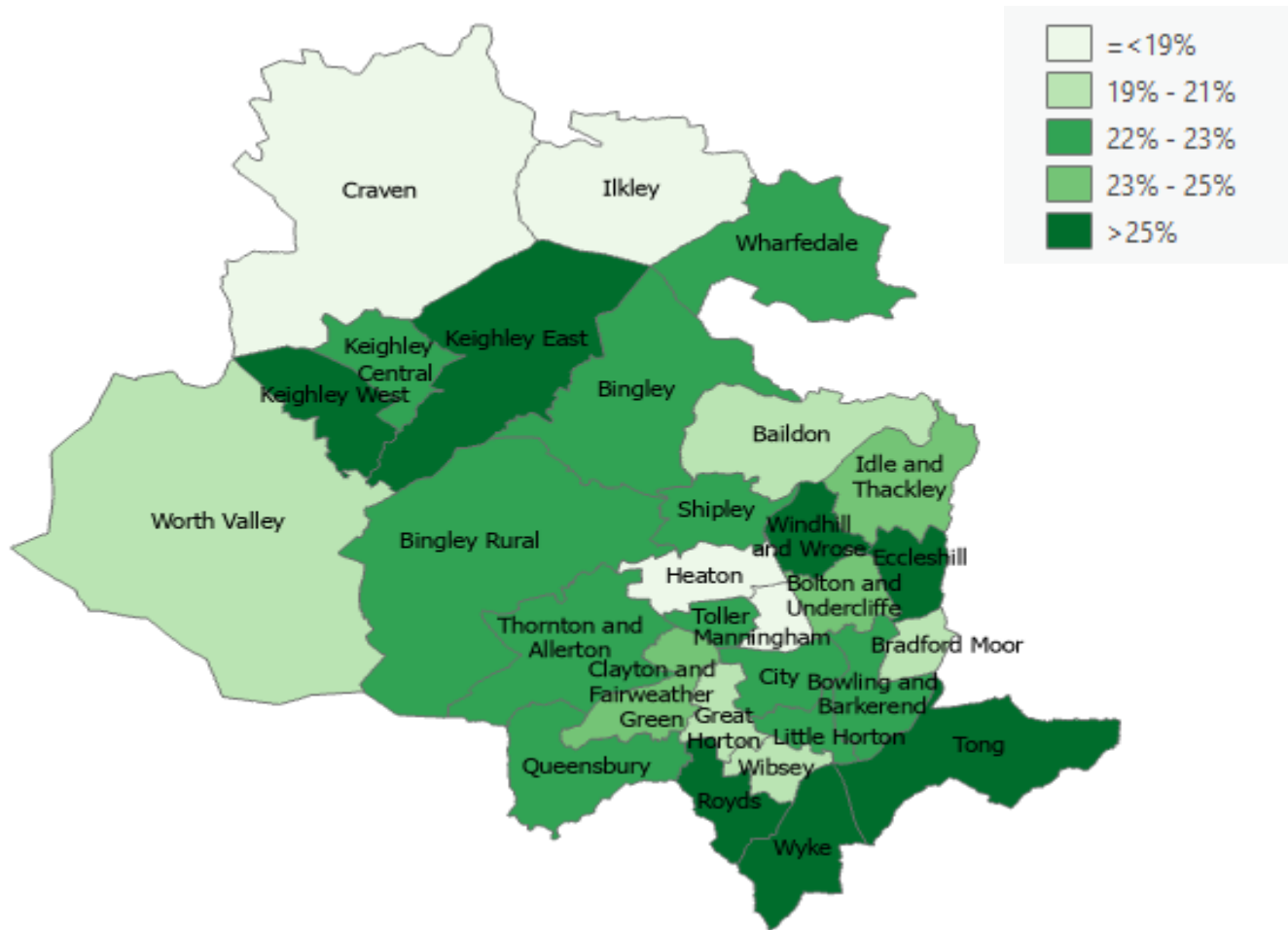
The prevalence of Year 6 children that are classified overweight or very overweight increases as deprivation increases; 28.7% in the most deprived quintile compared to 12.4% in least deprived quintile.

The 5 years data combined from 2018-19 to 2022-23 show the gap between the most and least deprived quintiles within the district was 15.3 percentage points



Prevalence of overweight (including obesity) – Reception Ward distribution

3 years data combined 2020-21 – 2022-23



Prevalence of overweight including obesity in reception children across the wards of Bradford District ranges from 15.6% to 28.3%.

Ilkley has the lowest proportion of reception children with Keighley West with the highest.

16 of the 30 wards within the district were below the district's prevalence of 22.3% for the same period.

The prevalence for Yorkshire and the Humber and England for the same period was 23.4% and 22.1%, respectively.

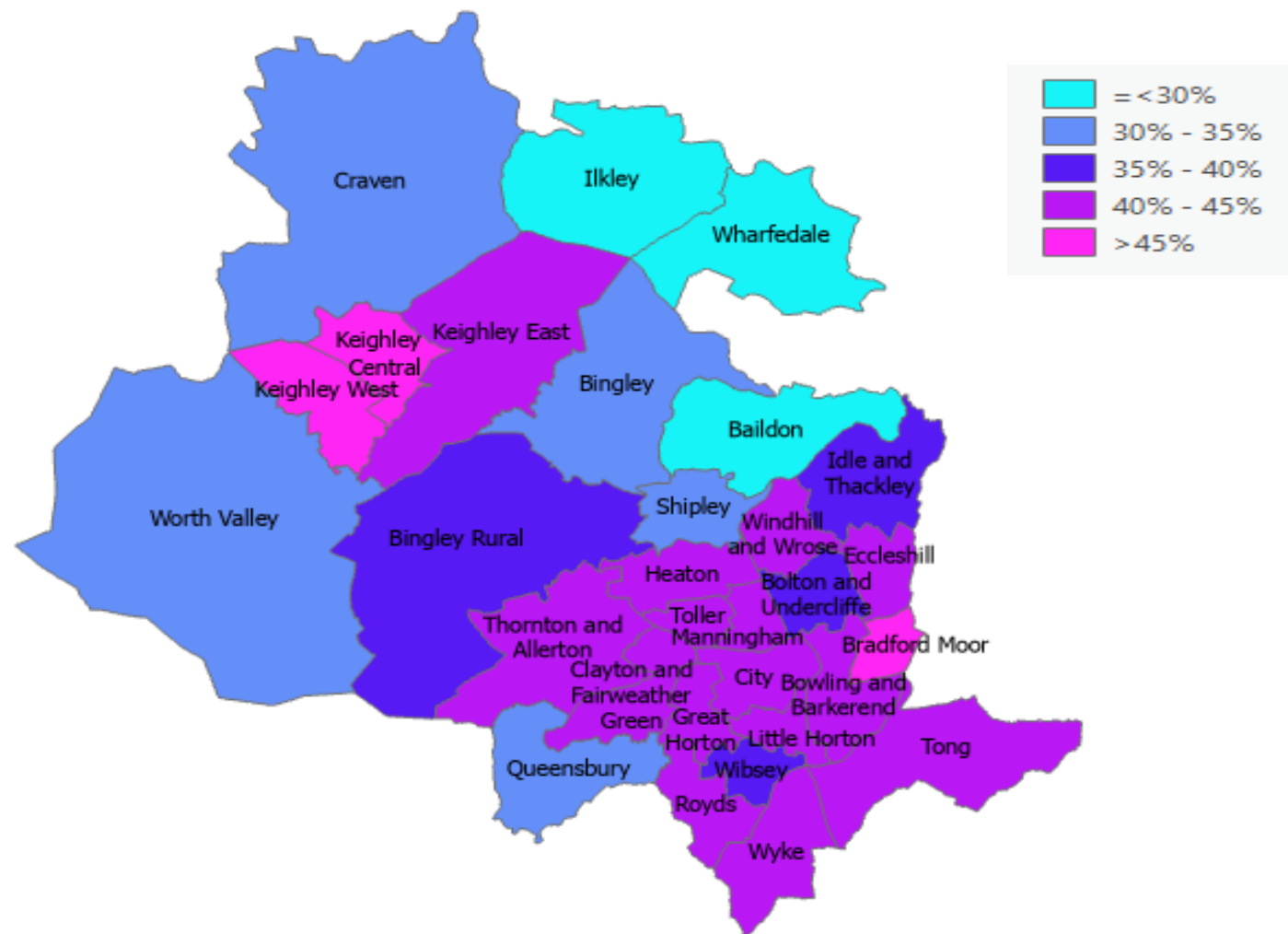


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Prevalence of overweight (including obesity) – Year 6

Ward distribution

3 years data combined 2020-21 – 2022-23



Prevalence of overweight including obesity in Year 6 children across the wards of Bradford District ranges from 20.7% to 46.8%.

Ilkley has the lowest proportion of Year 6 children with Keighley Central has the highest.

14 of the 30 wards within the district were below the district's prevalence of 40.9% for the same period.

The prevalence for Yorkshire and the Humber and England for the same period was 37.9% and 36.6%, respectively.



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