

# CAMDEN NCMP RESULTS 2017/18

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## Introduction

The National Child Measurement Programme (NCMP) involves the annual measurement of the height and weight of children in Reception (age 4-5 years) and Year 6 (age 10-11 years).

The programme has two key purposes:

- 1. To provide robust public health surveillance data on child weight status***
- 2. To provide parents with feedback on their child's weight status***

This presentation provides an overview of NCMP data from Camden schools in 2017/18 with a particular emphasis on demographic analysis (gender, ethnicity and deprivation).

## NCMP Results 2017/18: Using this data

- The figures in this presentation differ slightly from the figures published on Public Health England's Fingertips tool. This analysis refers to the data of all students attending schools with Camden postcodes, while the figures on Fingertips refer to the data of all students who reside in a Camden postcode.
- A note regarding small numbers: when interpreting small area level data or data that relies on small numbers, it is important to consider the confidence intervals around the values as they show the level of uncertainty in the prevalence estimates.

## Key messages

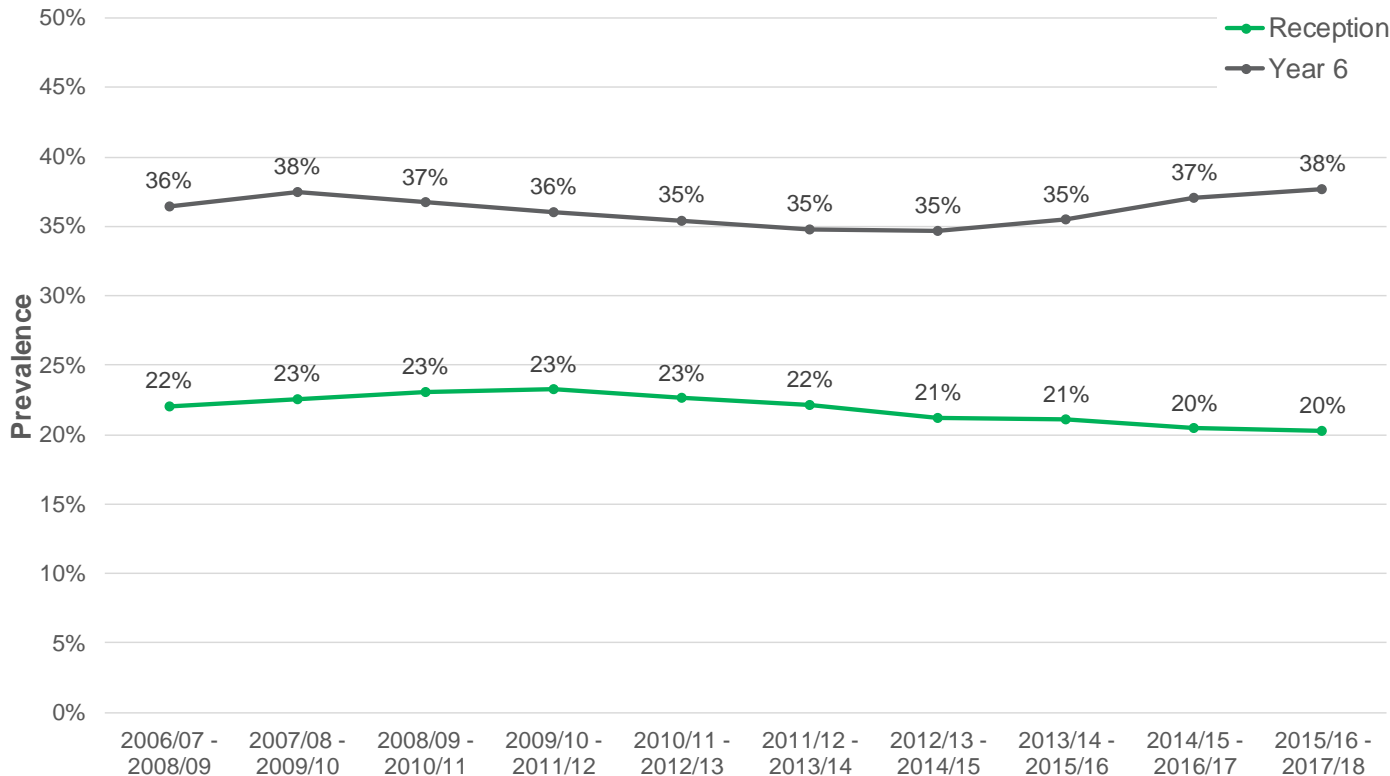
- In Camden in 2017/18, 20% of all Reception year children and 36% of all Year 6 children were recorded as overweight or very overweight.
- Among Reception students, the prevalence of overweight/very overweight was significantly higher than the Camden average among students from Black ethnic groups.
- In Year 6, the prevalence of overweight/very overweight increased as deprivation increased. This trend has been consistent over time.
- One ward in Camden (St. Pancras and Somers Town) had a prevalence of overweight/very overweight in Year 6 students (46%) that was significantly higher than the average for Camden residents.
- There were not significant differences in the prevalence of overweight/very overweight by gender or deprivation among Reception students in Camden.
- There were not significant differences in the prevalence of overweight/very overweight by gender or ethnicity among Year 6 students in Camden.

## OVERVIEW

In Camden in 2017/18, 20% of all Reception year children and 36% of all Year 6 children were recorded as overweight or very overweight.

# Prevalence of Overweight over time: three year rolling average

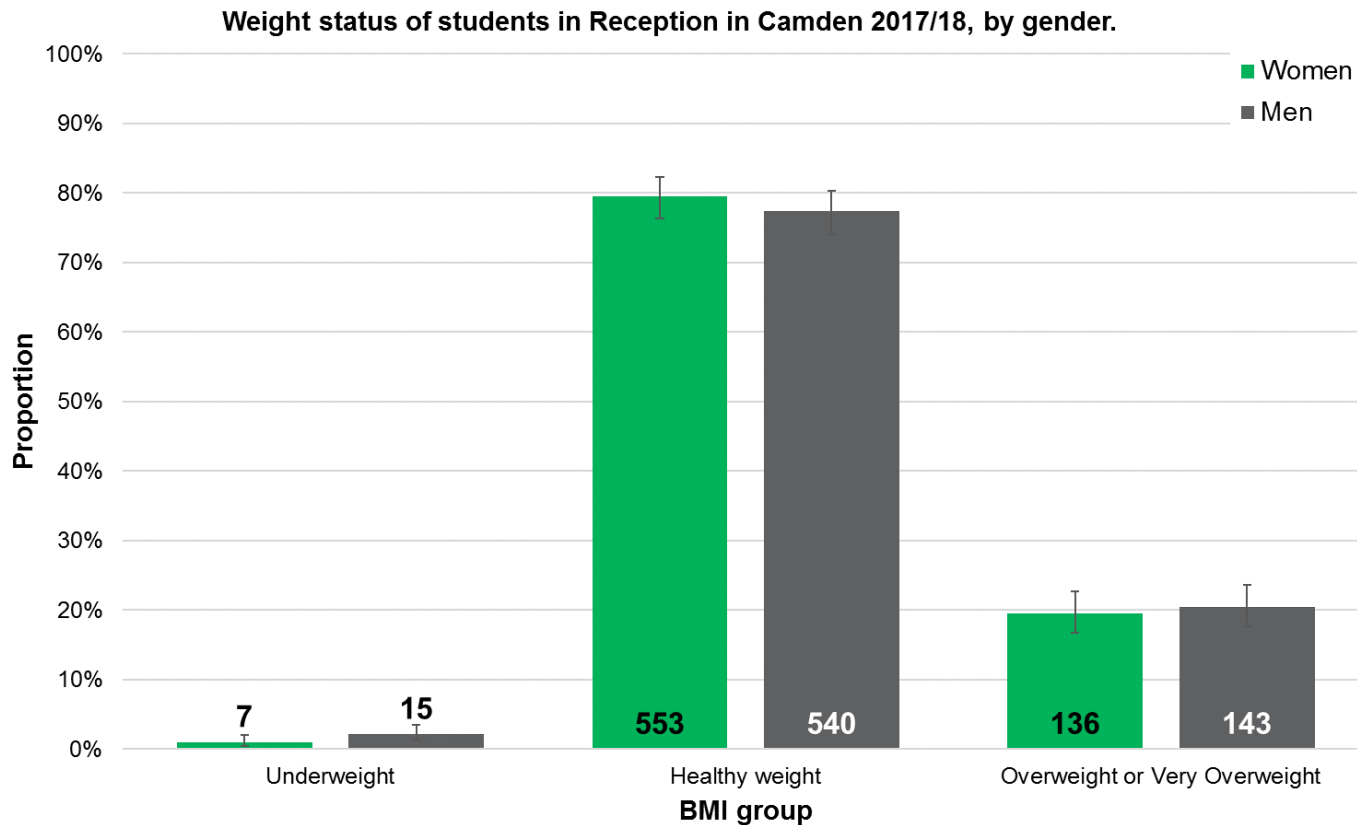
Rolling three-year trend in prevalence of overweight/very overweight among Reception and Year 6 students in Camden, 2006/07 - 2017/18



- Viewing the data in three year rolling averages helps account for random fluctuations in the prevalence of overweight/very overweight in Camden.

# DEMOGRAPHICS

# Prevalence of overweight, by gender: Reception



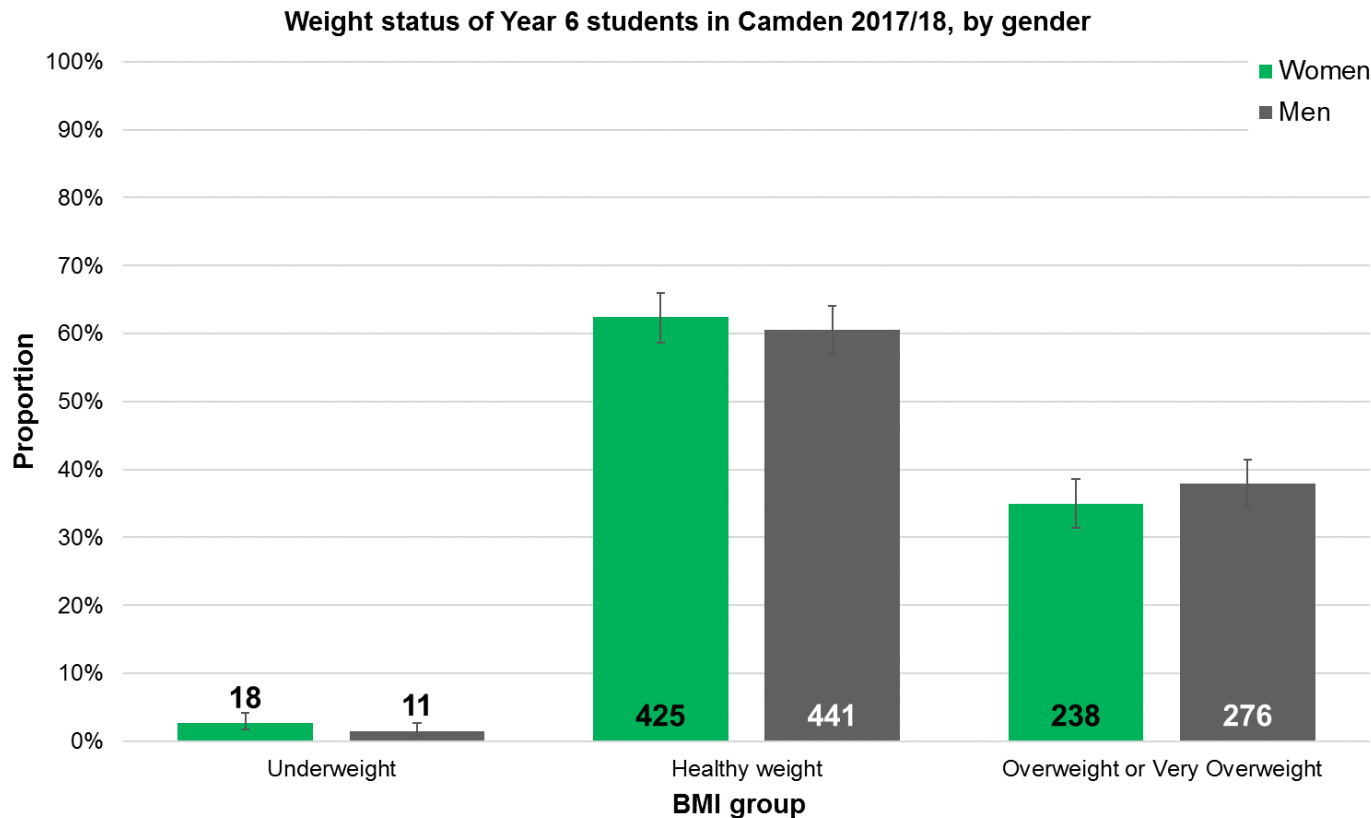
- In Camden in 2017/18, 20% of all Reception children were recorded as overweight or very overweight.
- There was no significant difference in the prevalence of overweight/very overweight by gender in Reception.

**Note:** BMI was not recorded for 0.1% of all Reception Year children; these children have been excluded from this analysis.

**Source:** NCMP 2017/18



# Prevalence of overweight, by gender: Year 6

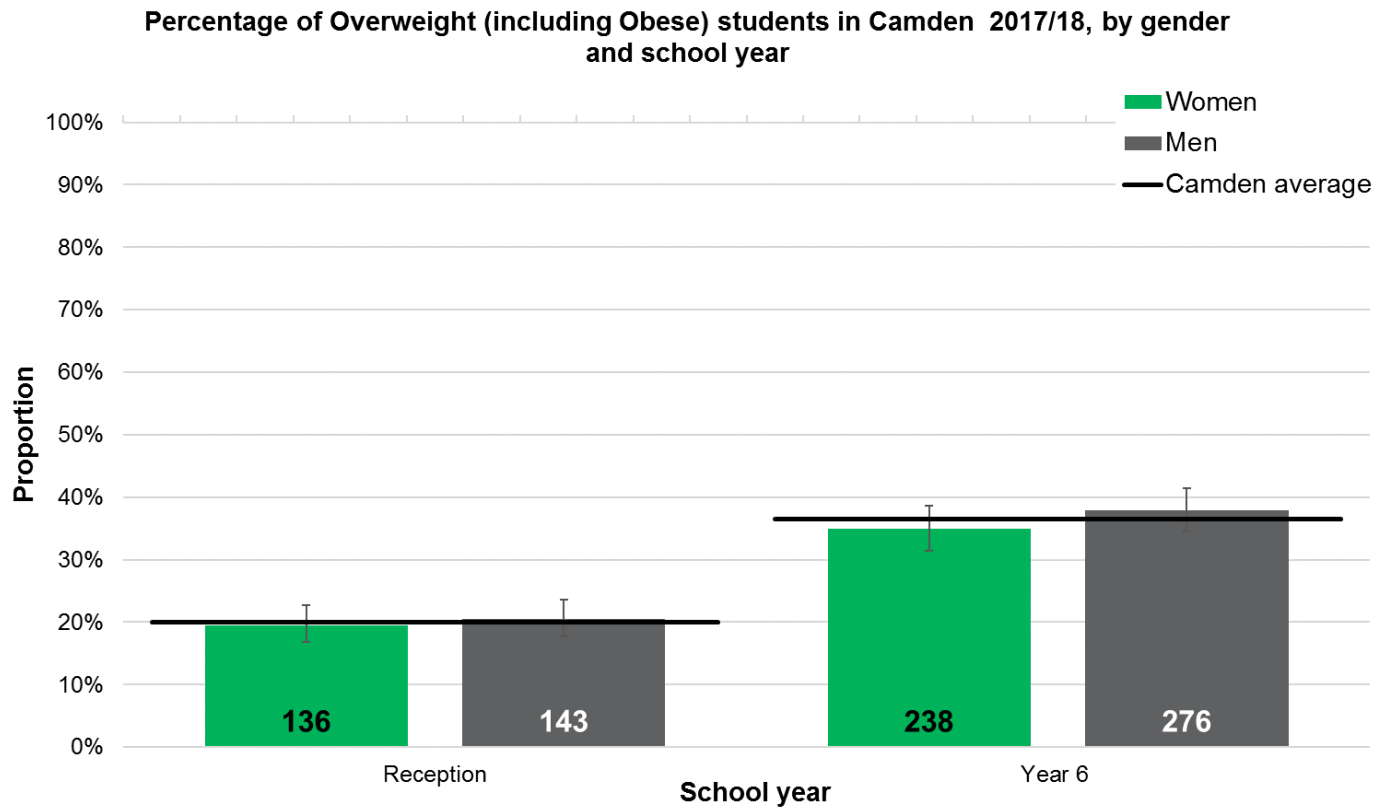


- In Camden in 2017/18, 36% of all Year 6 children were recorded as overweight or very overweight.
- There was not a significant difference in the prevalence of overweight/very overweight between boys (38%) and girls (35%).

**Note:** BMI was not recorded for 0.2% of all Year 6 children; these children have been excluded from this analysis.

**Source:** NCMP 2017/18

# Reception and Year 6: Prevalence of overweight by gender

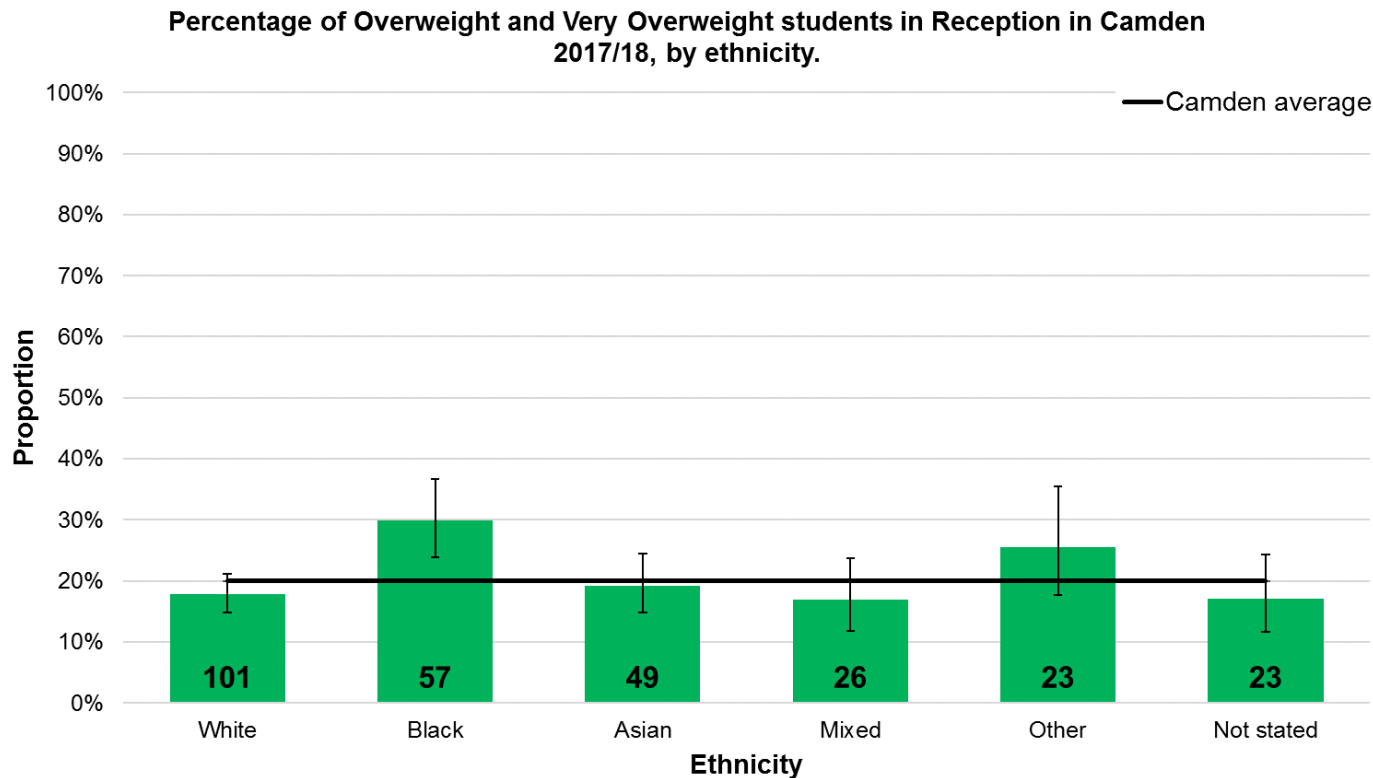


- There was not a significant difference between the prevalence of overweight/very overweight among female or male students in Reception year or Year 6 in Camden in 2017/18.

**Note:** BMI data was not recorded for 0.1% of all Reception and 0.2% of all Year 6 children; therefore these children were excluded from this analysis.

**Source:** NCMP 2017/18

# Prevalence of overweight, by ethnicity: Reception



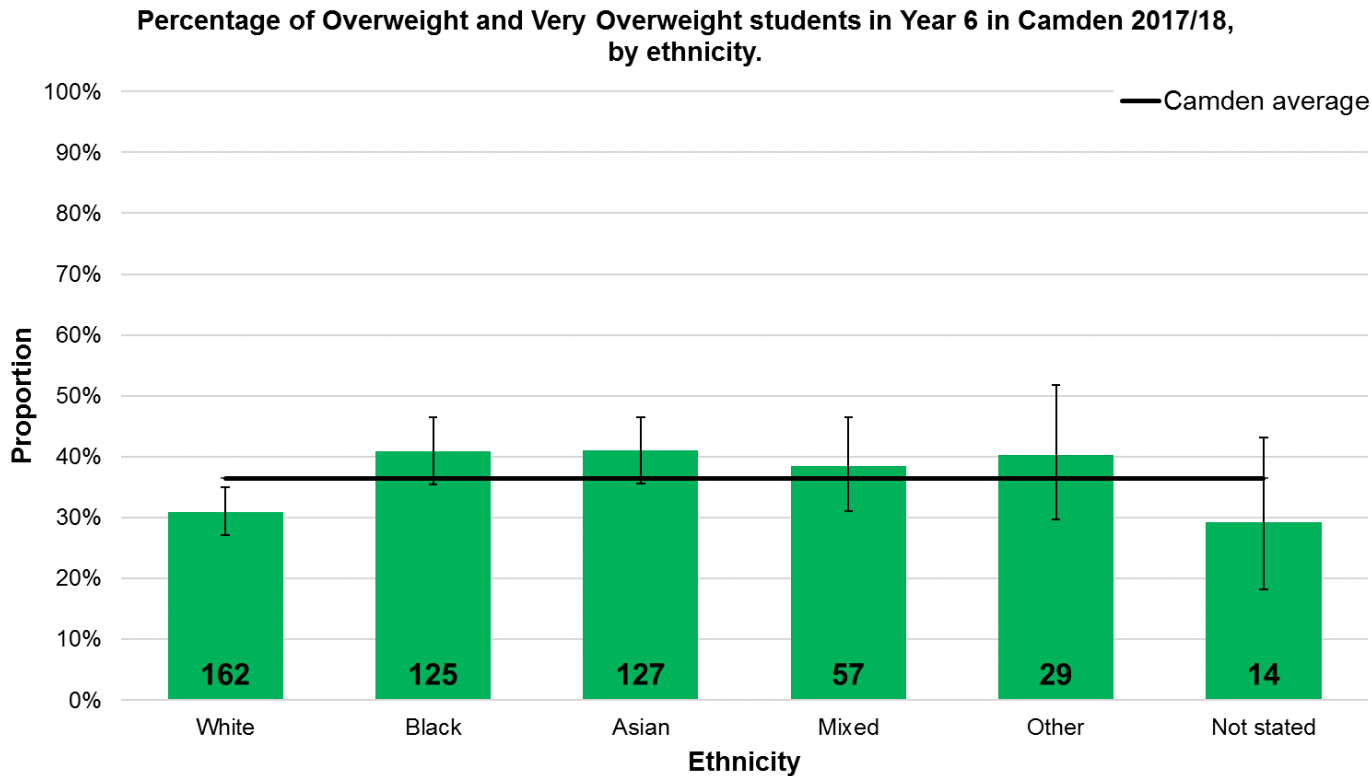
- In 2017/18, the prevalence of overweight/very overweight among Reception students from Black ethnic groups (30%) was significantly higher than the Camden average (20%) and significantly higher than the prevalence among White, Mixed or Not Stated ethnic groups.

**Note:** Percentages are proportionate to total number of children in each ethnic group.

BMI was not recorded for 0.1% of all Reception Year children; these children have been excluded from this analysis.

**Source:** NCMP 2017/18

# Prevalence of overweight, by ethnicity: Year 6



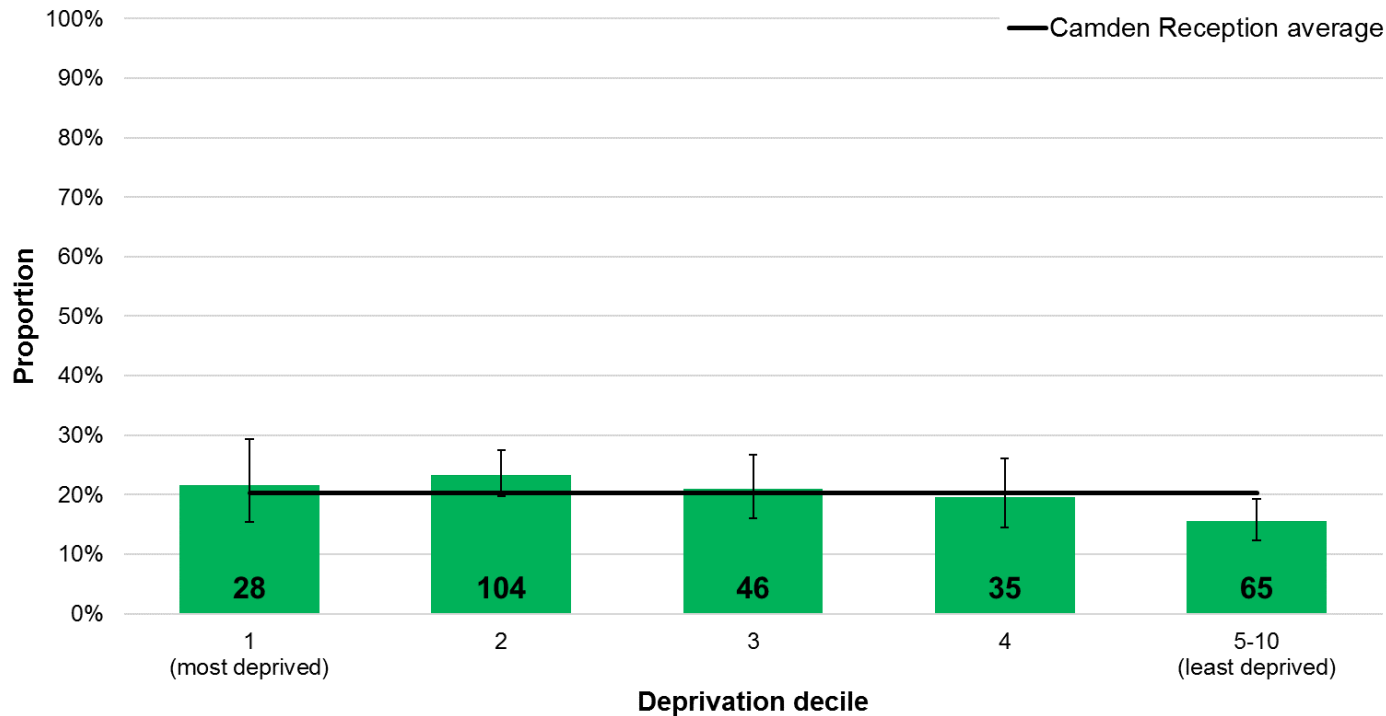
- There were not significant differences in prevalence of overweight/very overweight by ethnicity among Year 6 students compared to the Camden average (36%) in 2017/18.
- The prevalence of overweight/very overweight among Year 6 students from Black and Asian ethnic groups (both 41%) was significantly higher than the prevalence among Year 6 students from White ethnic groups (31%).

**Note:** Percentages are proportionate to total number of children in each ethnic group. BMI was not recorded for 0.2% of all Year 6 children; these children have been excluded from this analysis.  
**Source:** NCMP 2017/18

# Deprivation and ward

# Prevalence of overweight, by deprivation decile: Reception

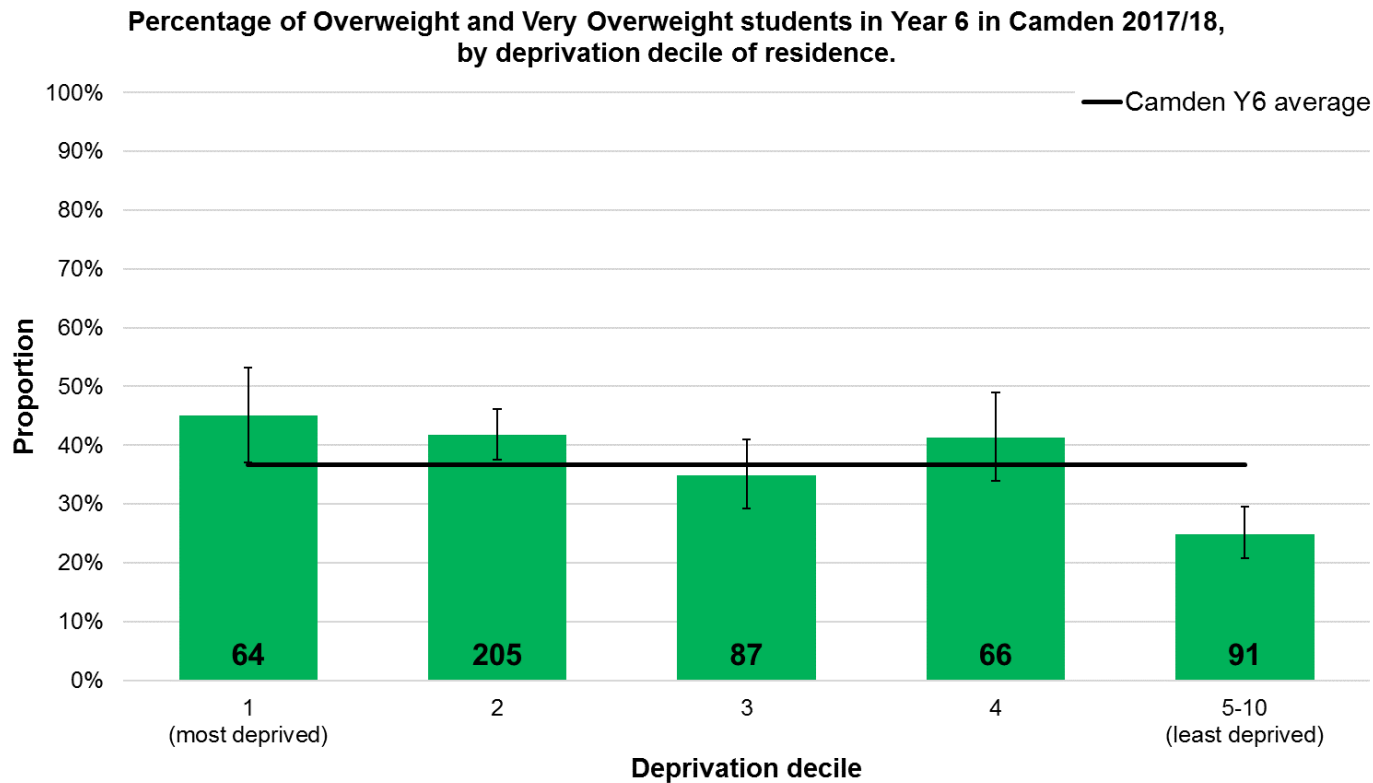
Percentage of Overweight and Very Overweight students in Reception in Camden 2017/18, by deprivation decile of residence.



- There were not significant differences in prevalence of overweight/very overweight by deprivation among Reception students in Camden in 2017/18.

**Note:** BMI was not recorded for 0.1% of all Reception Year children; these children have been excluded from this analysis.  
 2 individuals out of 1394 (0.1%) registered a BMI but was not placed in a deprivation decile and are excluded from this analysis.  
**Source:** NCMP 2017/18

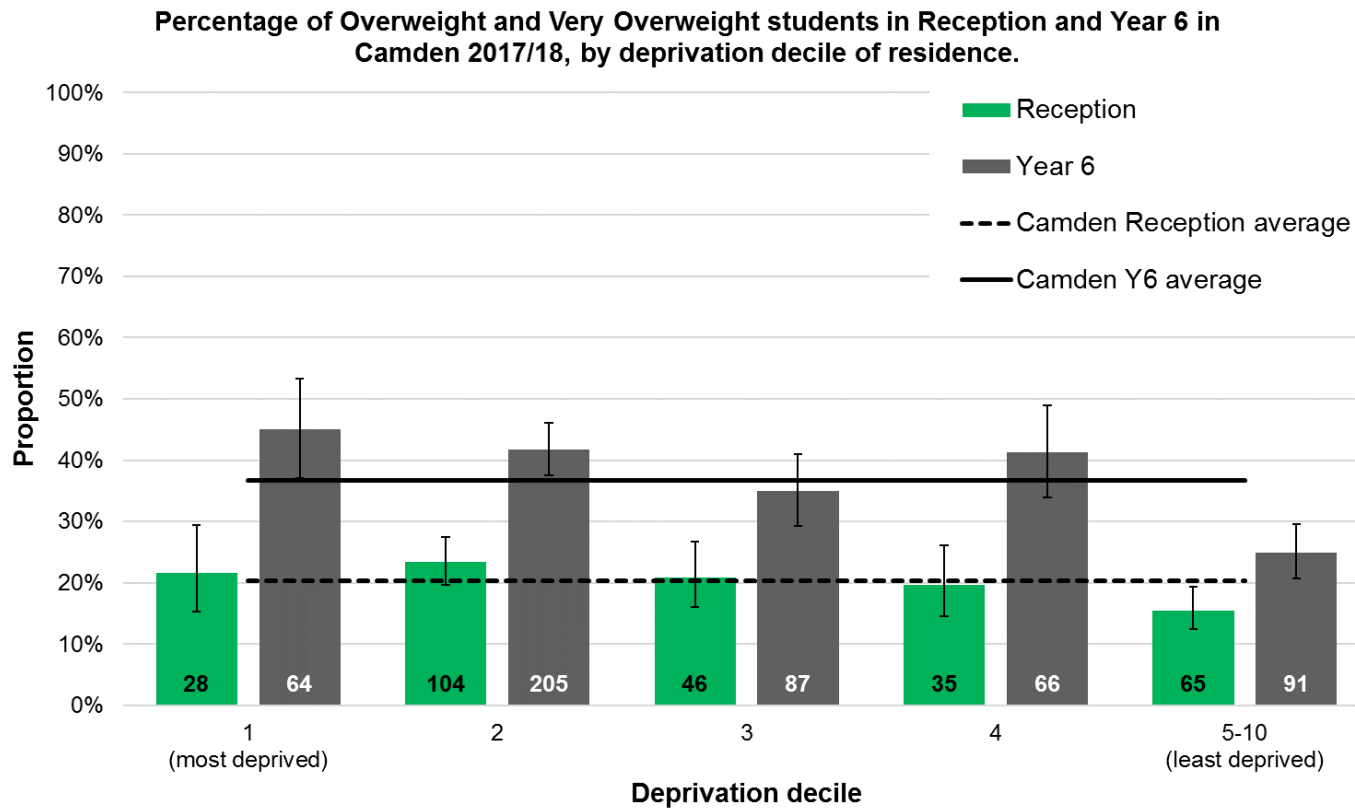
## Prevalence of overweight, by deprivation decile: Year 6



- In 2017/18, the prevalence of overweight/very overweight among Year 6 students living in the most deprived areas of Camden (deciles 1 to 4) was not significantly different to the Camden average.
- The prevalence overweight/very overweight was significantly lower than the Camden average among Year 6 students living in the least deprived areas of Camden (25%).

**Note:** BMI was not recorded for 0.2% of all Year 6 children; these children have been excluded from this analysis.  
2 individuals out of 1409 (0.1%) registered a BMI but was not placed in a deprivation decile and are excluded from this analysis.  
**Source:** NCMP 2017/18

# Reception and Year 6: Prevalence of overweight, by deprivation



- In 2017/18, the prevalence of overweight/very overweight was significantly lower than the Camden average among Year 6 students living in the least deprived areas of Camden (25%).
- There were not significant differences in prevalence of overweight/very overweight by deprivation among Reception students.

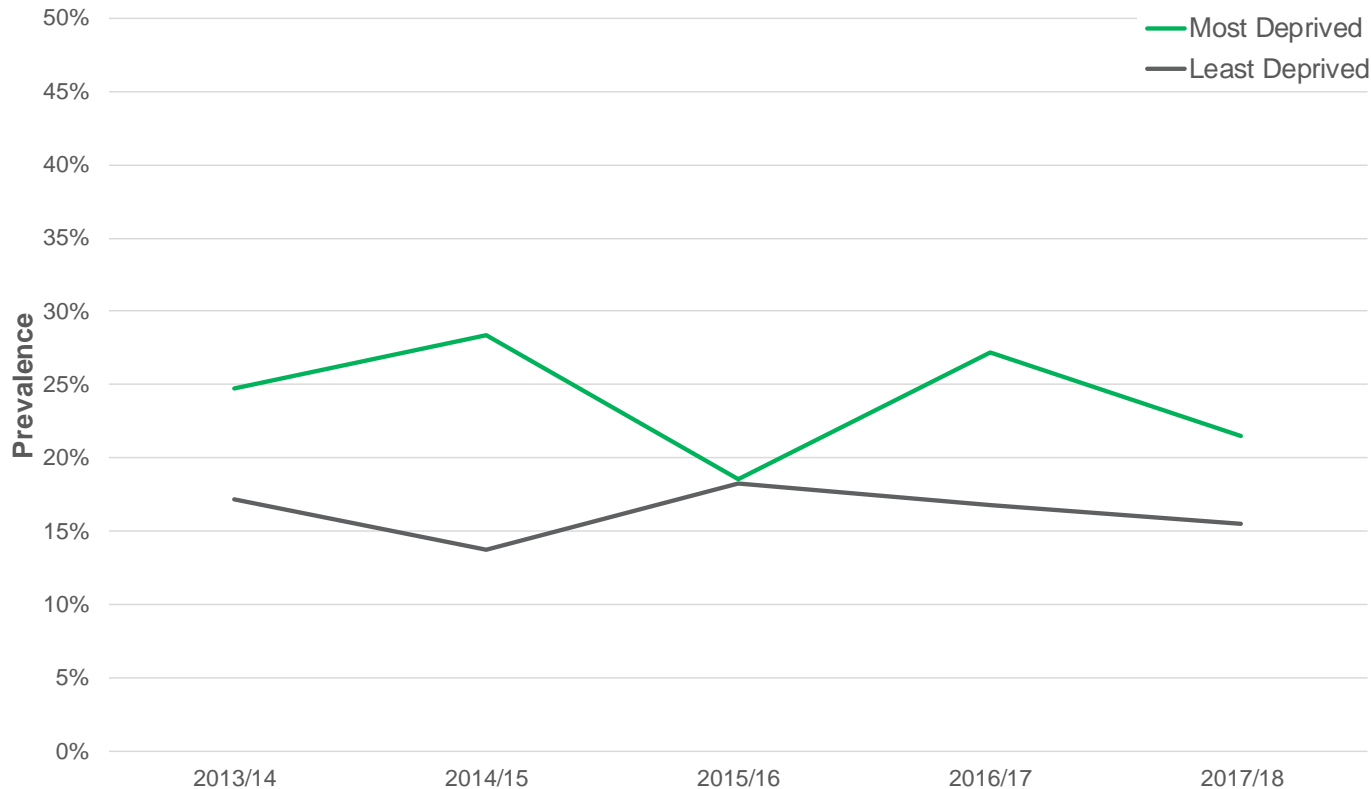
**Note:** BMI was not recorded for 0.1% of all Reception and 0.2% of all Year 6 children and was thus excluded from this analysis. 0.1% of all children (both Reception & Year 6) had a recorded BMI but not a deprivation decile and are also excluded from this analysis.

**Source:** NCMP 2017/18



# Trends in prevalence of overweight: Reception

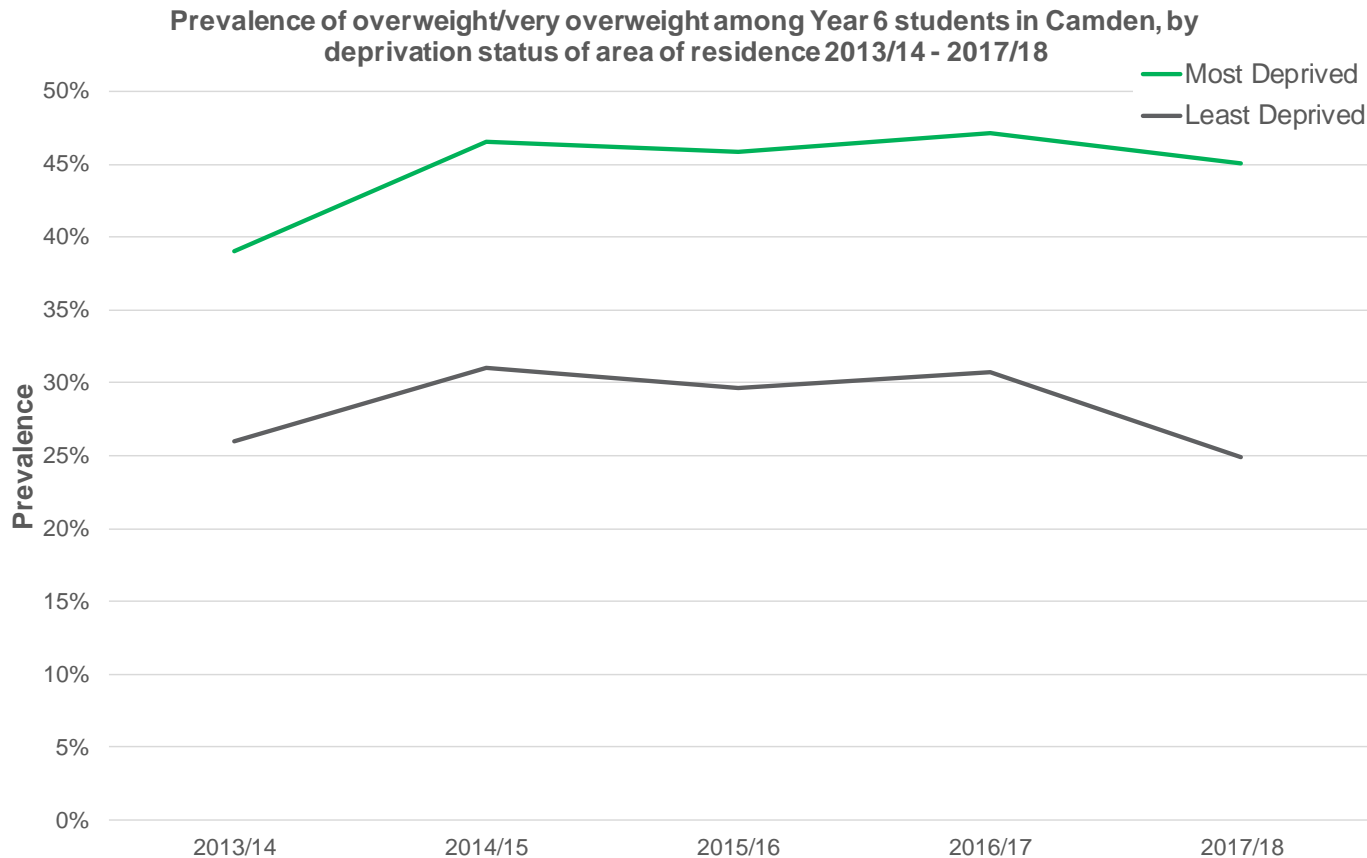
Prevalence of overweight/very overweight among Reception Year 6 students in Camden, by deprivation status of area of residence 2013/14 - 2017/18



Source: NCMP

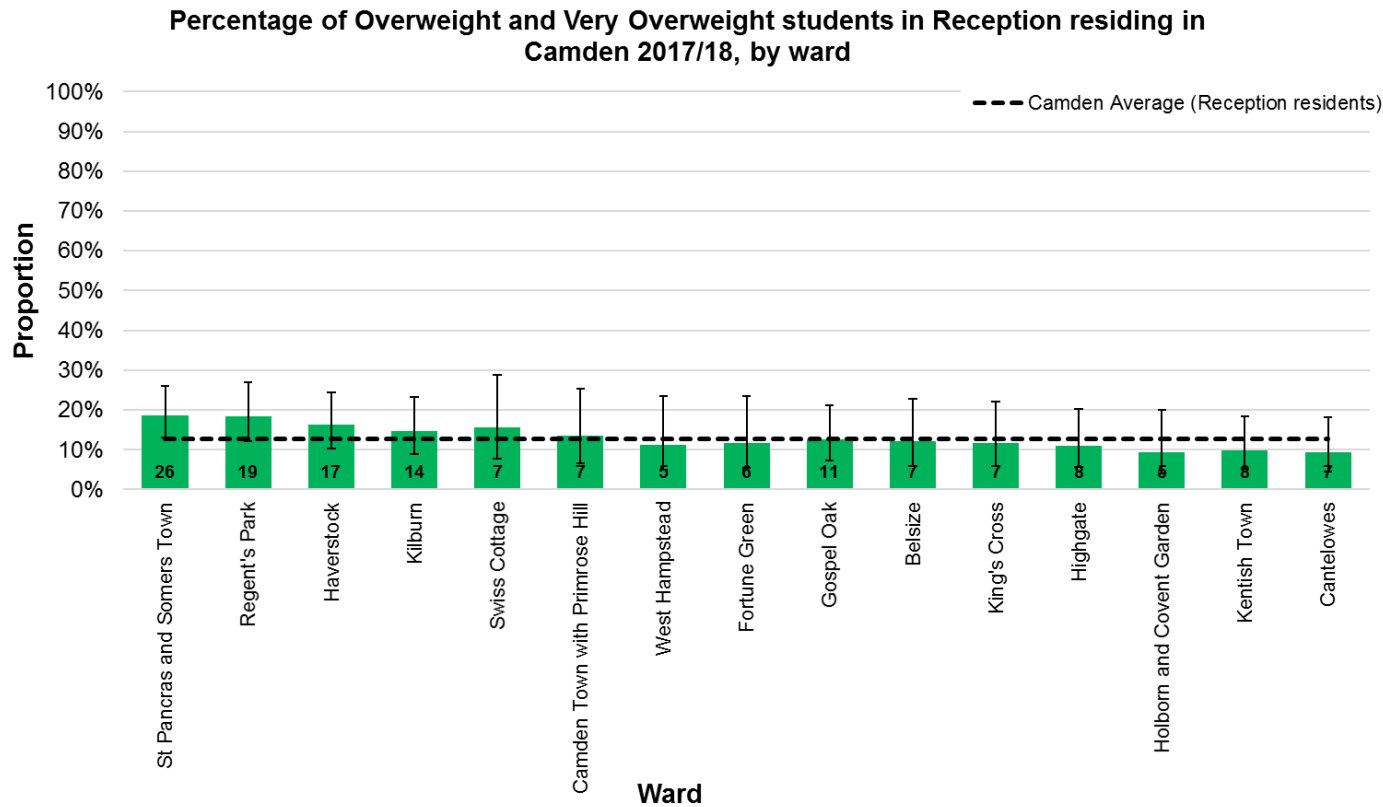
- Among Reception students in Camden, children from the most deprived areas are more likely to be overweight/very overweight than children in least deprived areas. This trend has been consistent over time with varying degrees of significance.

# Trends in prevalence of overweight: Year 6



- Among Year 6 students in Camden, children from the most deprived areas are more likely to be overweight/very overweight than children in least deprived areas. This trend has been consistent over time.

# Prevalence of overweight, by ward: Reception

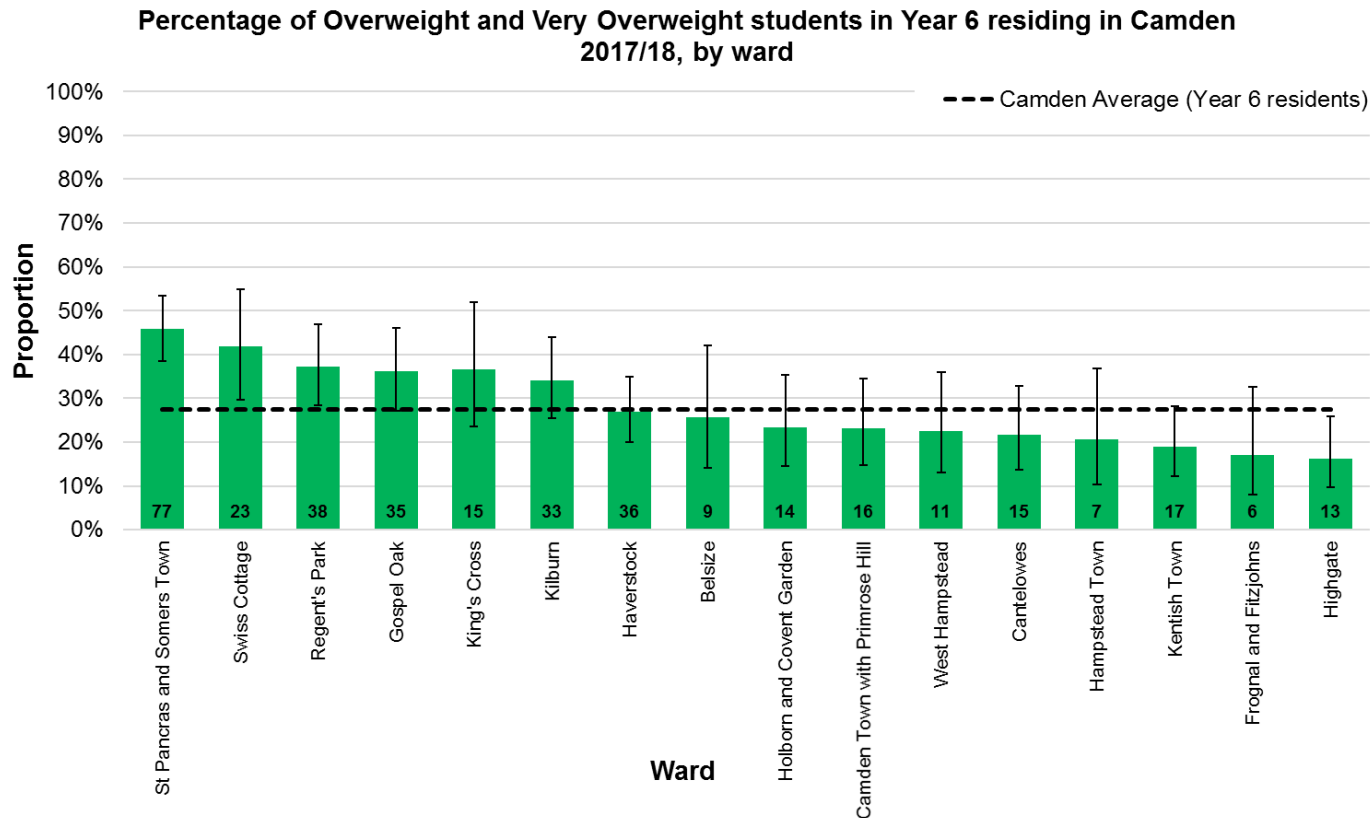


- 156 Reception students attended Camden schools but live outside the borough, thus the average figure here reflects the average for Camden residents.
- There was not significant variation in the prevalence of overweight/very overweight by ward among Reception students.

**Note:** Three wards excluded due to small numbers (Frognaal and Fitzjohn's, Bloomsbury and Hampstead Town). The number of children who live outside of Camden and were therefore excluded from this analysis was 156 (11%).

**Source:** NCMP 2017/18

# Prevalence of overweight, by ward: Year 6



- 130 Year 6 students attended Camden schools but live outside the borough, thus the average figure here reflects the average for Camden residents.
- One ward in Camden (St. Pancras and Somers Town) had a prevalence of overweight/very overweight in Year 6 students (46%) that was significantly higher than the average for Camden residents (27%) in 2017/18.

**Note:** Bloomsbury and Fortune Green wards are excluded due to small numbers. The number of children who live outside of Camden and were therefore excluded from this analysis was 130 (9%).

**Source:** NCMP 2017/18

## Contact information

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