

# CAMDEN NCMP RESULTS 2016/17

**Cintia Liberatoscioli**

Apprentice Public Health Intelligence – Data Officer

## 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 2016/17 with a particular emphasis on demographic analysis (gender, ethnicity and deprivation).

## NCMP Results 2016/17: 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

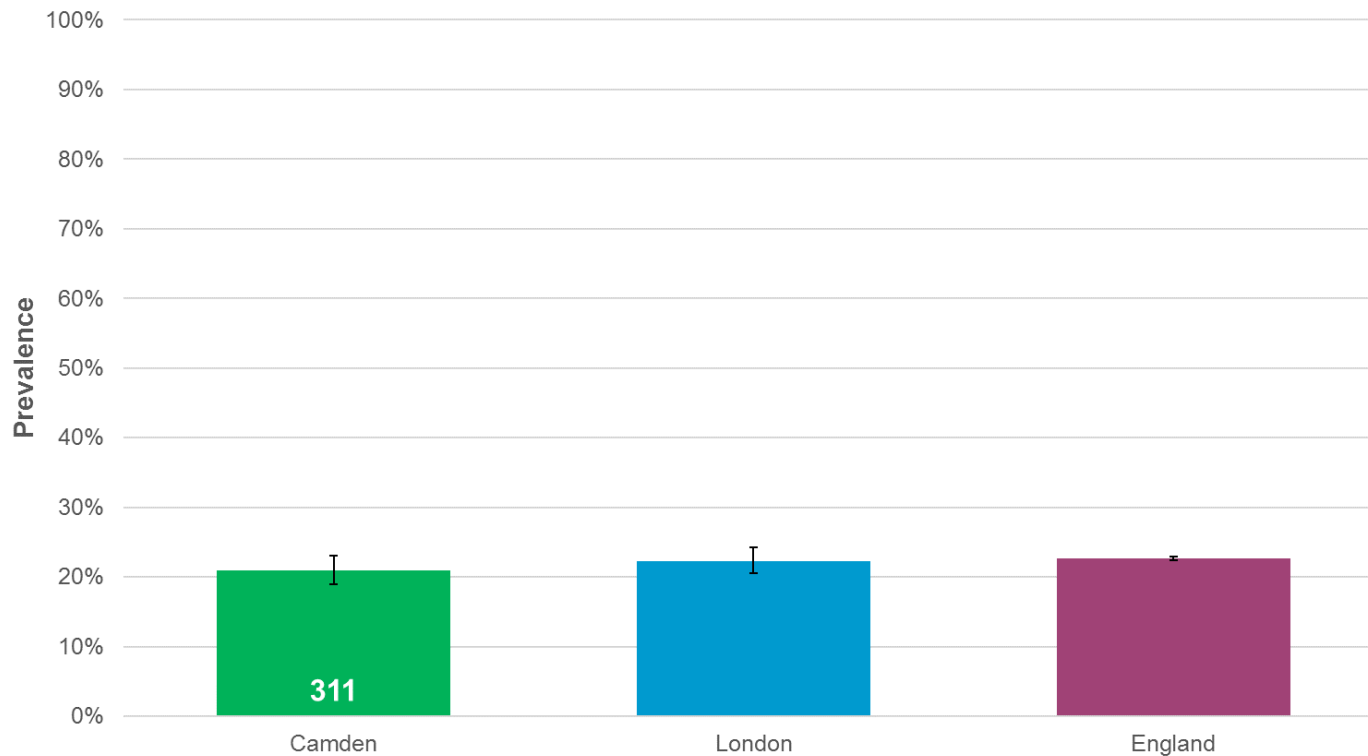
- In Camden in 2016/17, 21% of all Reception year children and 39% of all Year 6 children were recorded as overweight or very overweight.
- The prevalence of overweight/very overweight in Camden in 2016/17 was not significantly different to the London average in either Reception or Year 6.
- There were not significant differences in the prevalence of overweight/very overweight by gender or ethnicity among Reception students in Camden.
- Among Year 6 students there was not a significant difference by gender, but the prevalence of overweight/very overweight was significantly higher than the Camden average among students from Black ethnic groups.
- In both Reception and Year 6, the prevalence of overweight/very overweight increased as deprivation increased. This trend has been consistent over time, and is more pronounced in Year 6.

## OVERVIEW

In Camden in 2016/17, 21% of all Reception year children and 39% of all Year 6 children were recorded as overweight or very overweight.

# Prevalence of overweight: Reception

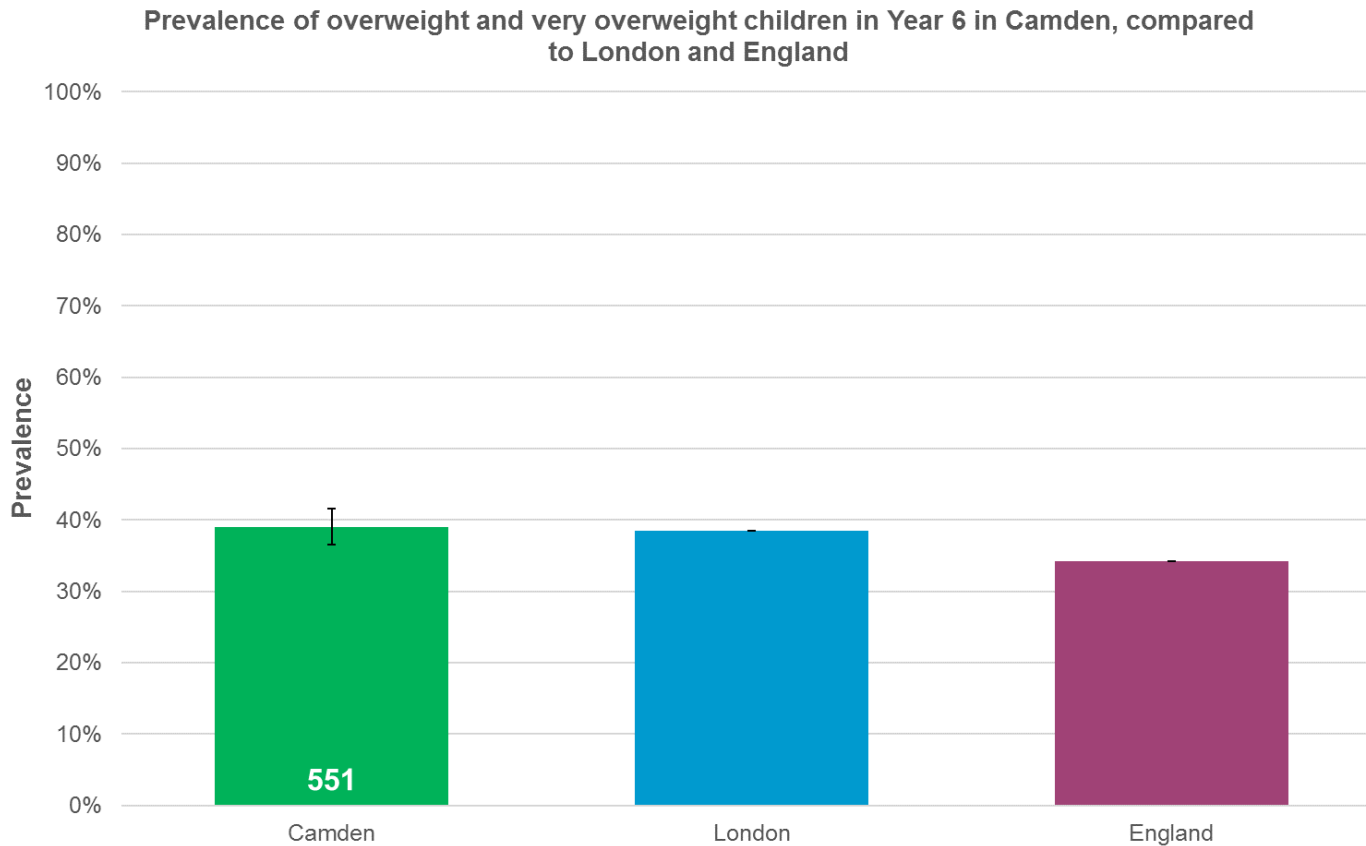
Prevalence of overweight and very overweight children in Reception in Camden, compared to London and England



- In Camden in 2016/17, 21% of children in Reception (311 children) were overweight or very overweight.
- The prevalence of overweight/very overweight among Reception students in Camden was not significantly different from either London (22%) or England (23%).

Note: 7 records in Camden were unknown and excluded. Source: Source: NHS Digital, National Child Measurement Programme 2016/17

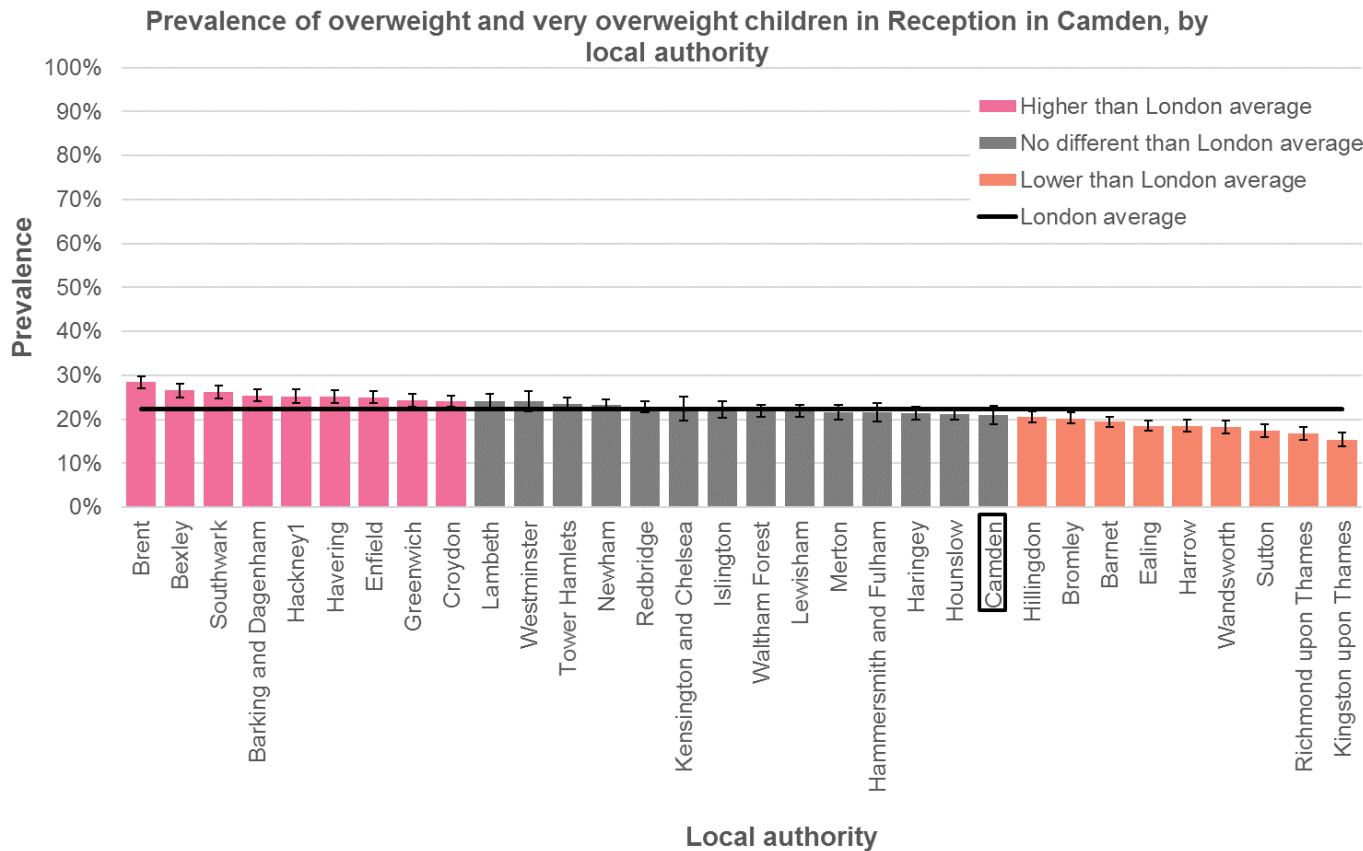
# Prevalence of overweight: Year 6



- In Camden in 2016/17, 39% of children in Reception (551 children) were overweight/very overweight.
- The prevalence of overweight/very overweight among Year 6 students in Camden was not significantly different from London (39%), but was significantly **higher** than the national average (34%).

Note: 8 records in Camden were unknown and excluded. Source: NHS Digital, National Child Measurement Programme 2016/17

# Prevalence of overweight, by local authority: Reception



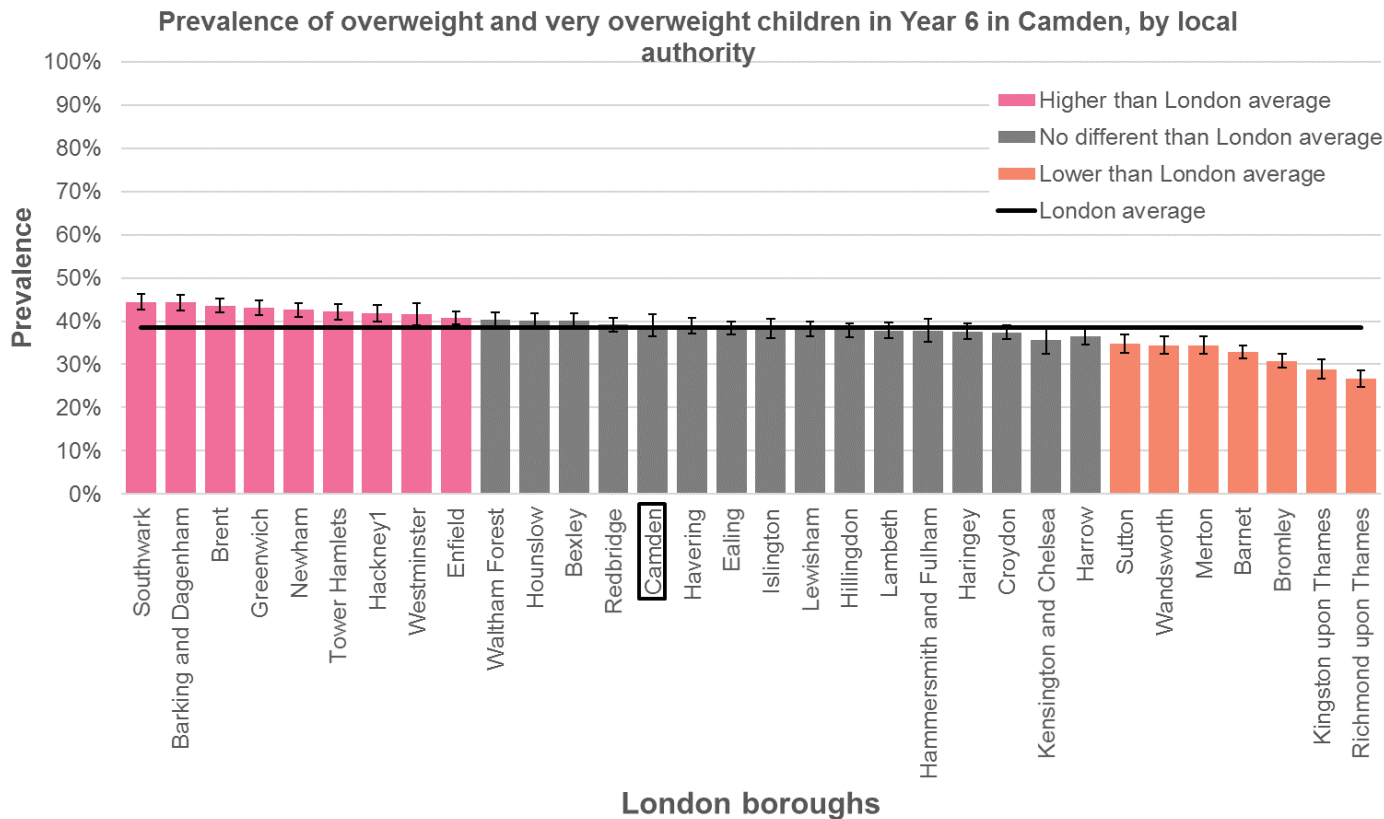
- The prevalence of overweight/very overweight among Reception students in Camden was not significantly different from the London average. Camden was ranked 10th out of 32 local authorities in London.
- The prevalence of overweight/very overweight prevalence among Reception students in London ranged from 15% in Kingston-upon-Thames to 28% in Brent.

**Note:** City of London totals have been included with Hackney to prevent potential disclosure of students. Records are based on the postcode of the school.

**Source:** NHS Digital, National Child Measurement Programme 2016/17



# Prevalence of overweight, by local authority: Year 6



- The prevalence of overweight/very overweight among Year 6 students in Camden was not significantly different from the London average. Camden was ranked 19th out of 32 local authorities in London.
- The prevalence of overweight/very overweight among Year 6 students in London ranged from 27% in Richmond-upon-Thames to 44% in Brent.

**Note:** City of London totals have been included with Hackney to prevent potential disclosure of students. Records are based on the postcode of the school.

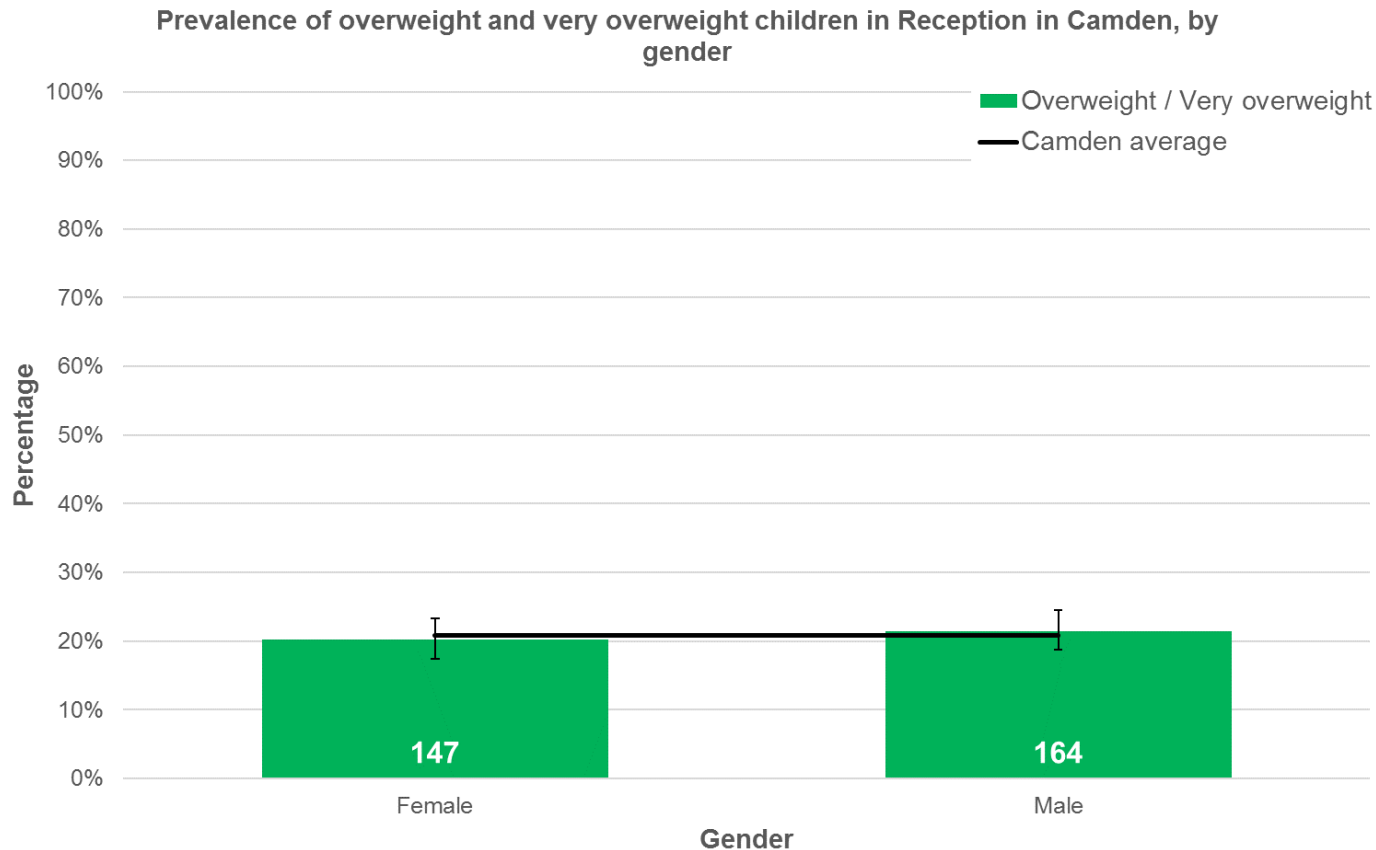
**Source:** NHS Digital, National Child Measurement Programme 2016/17

# DEMOGRAPHICS

## Missing data

- In both Reception and Year 6, some students were missing demographic data. These students are excluded from subsequent analysis.
  - 7 students (0.5%) in Reception and 8 students (0.6%) in Year 6 were missing gender.
  - 67 students (4%) in Reception and 14 students (1%) in Year 6 were missing ethnicity.
  - All students had deprivation deciles recorded.

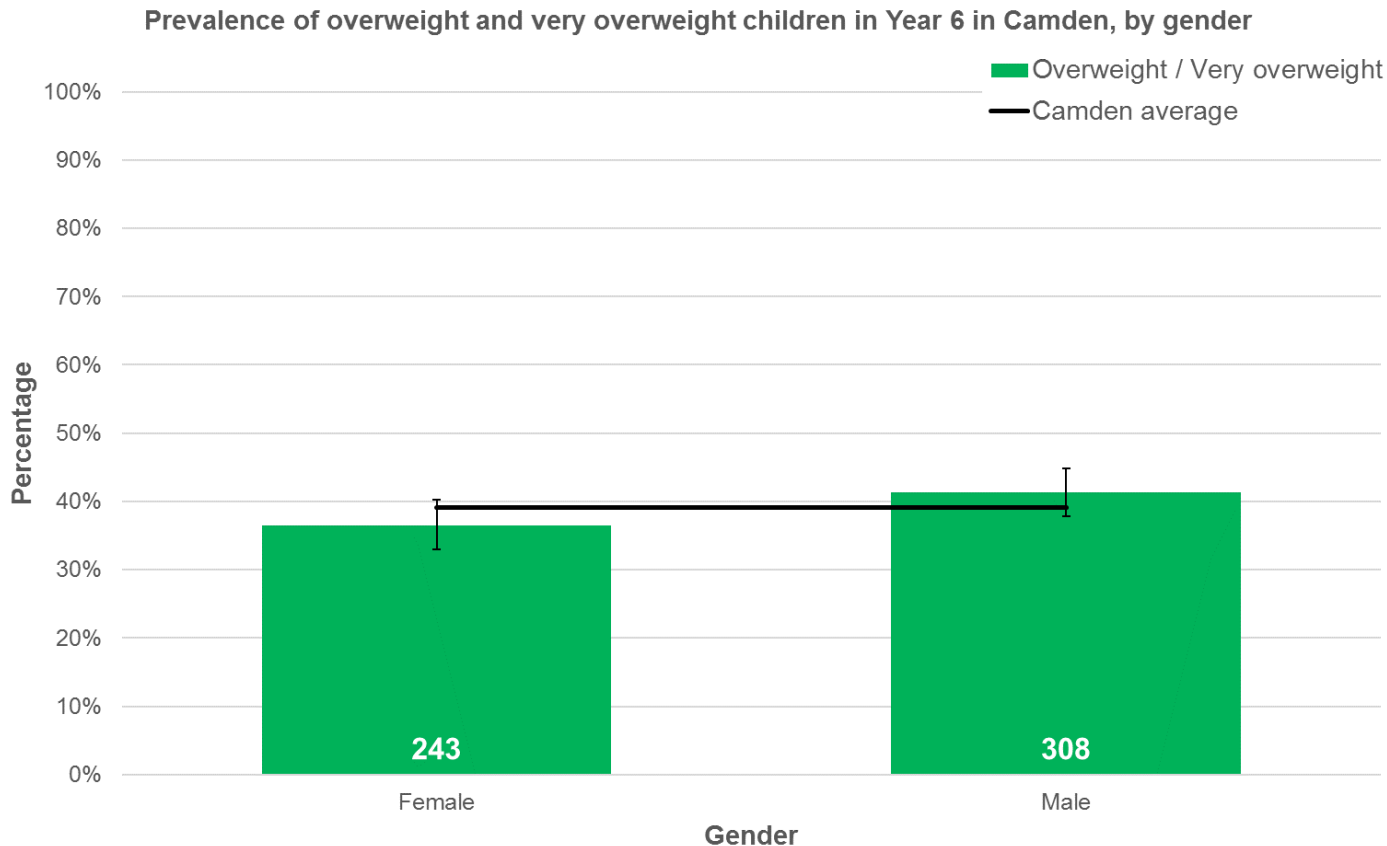
# Prevalence of overweight, by gender: Reception



- In Camden in 2016/17, 21% 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: 7 records were unknown and excluded. Source: National Child Measurement Programme 2016/17

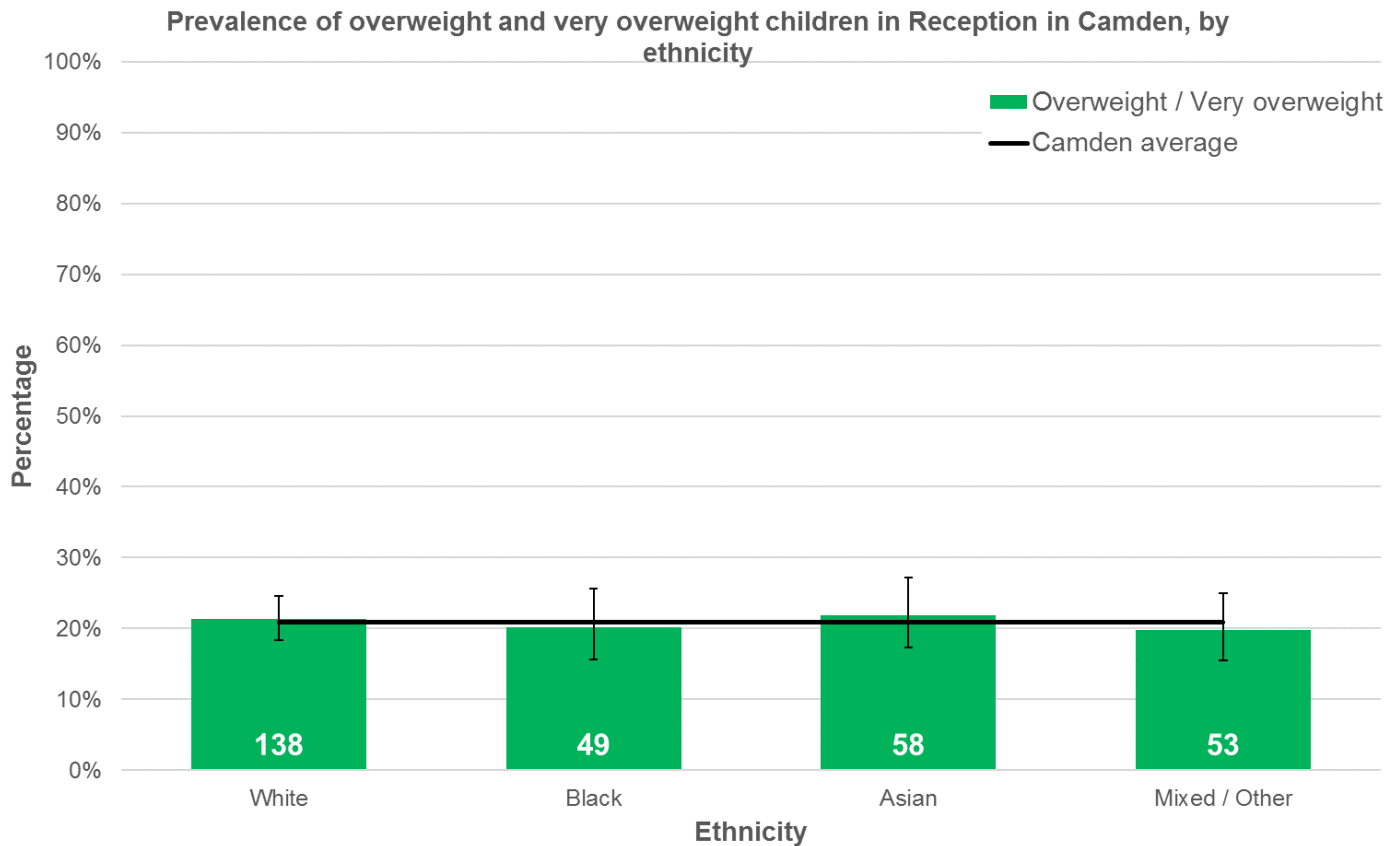
# Prevalence of overweight, by gender: Year 6



- In Camden in 2016/17, 39% 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 (36%) and girls (41%).

Note: 8 records were unknown and excluded. Source: National Child Measurement Programme 2016/17

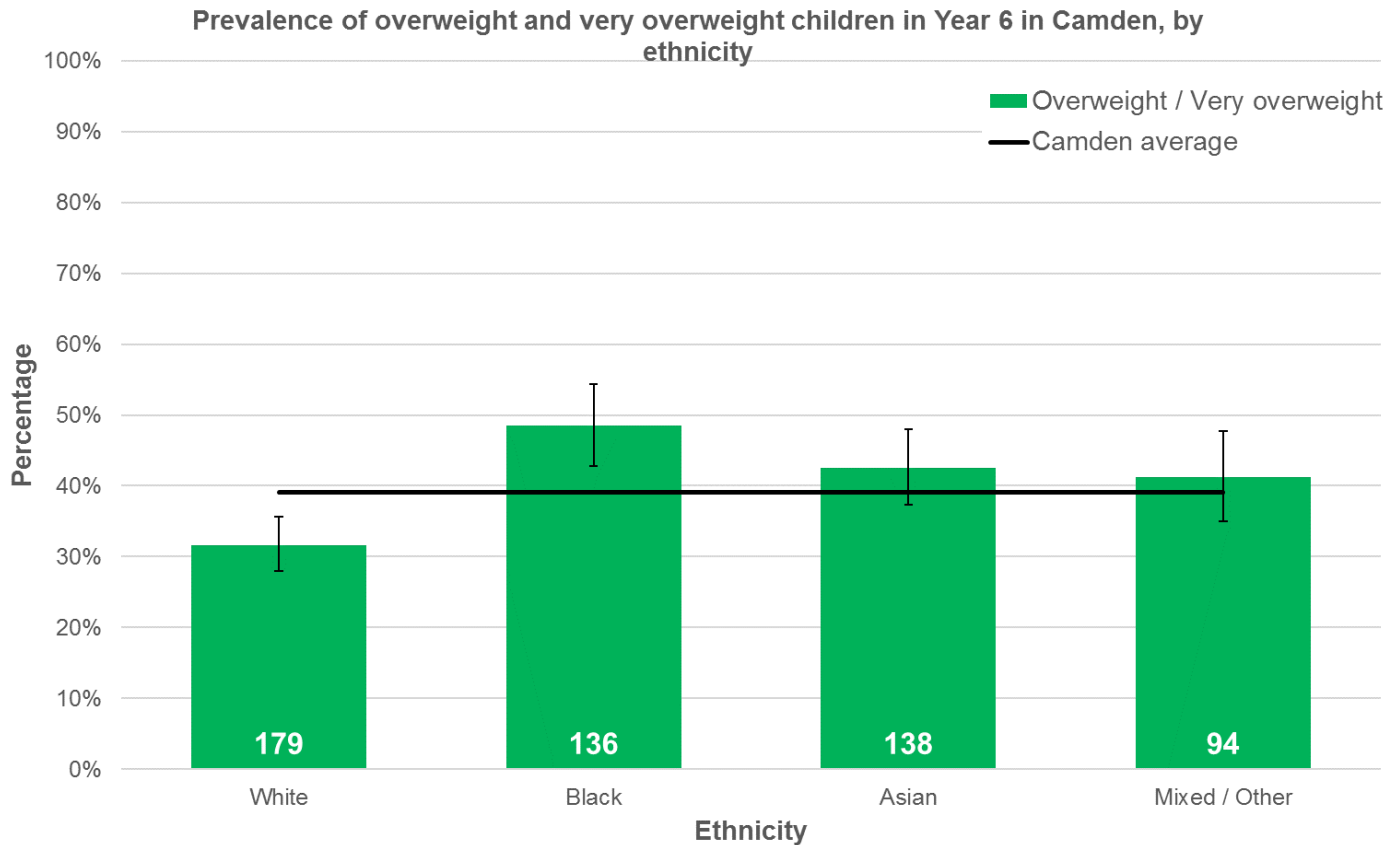
# Prevalence of overweight, by ethnicity: Reception



- There was no significant difference in the prevalence of overweight/very overweight by ethnicity among Reception students.

Note: 67 children without recorded ethnicity were not included in this analysis  
 Source: National Child Measurement Programme 2016/17

# Prevalence of overweight, by ethnicity: Year 6

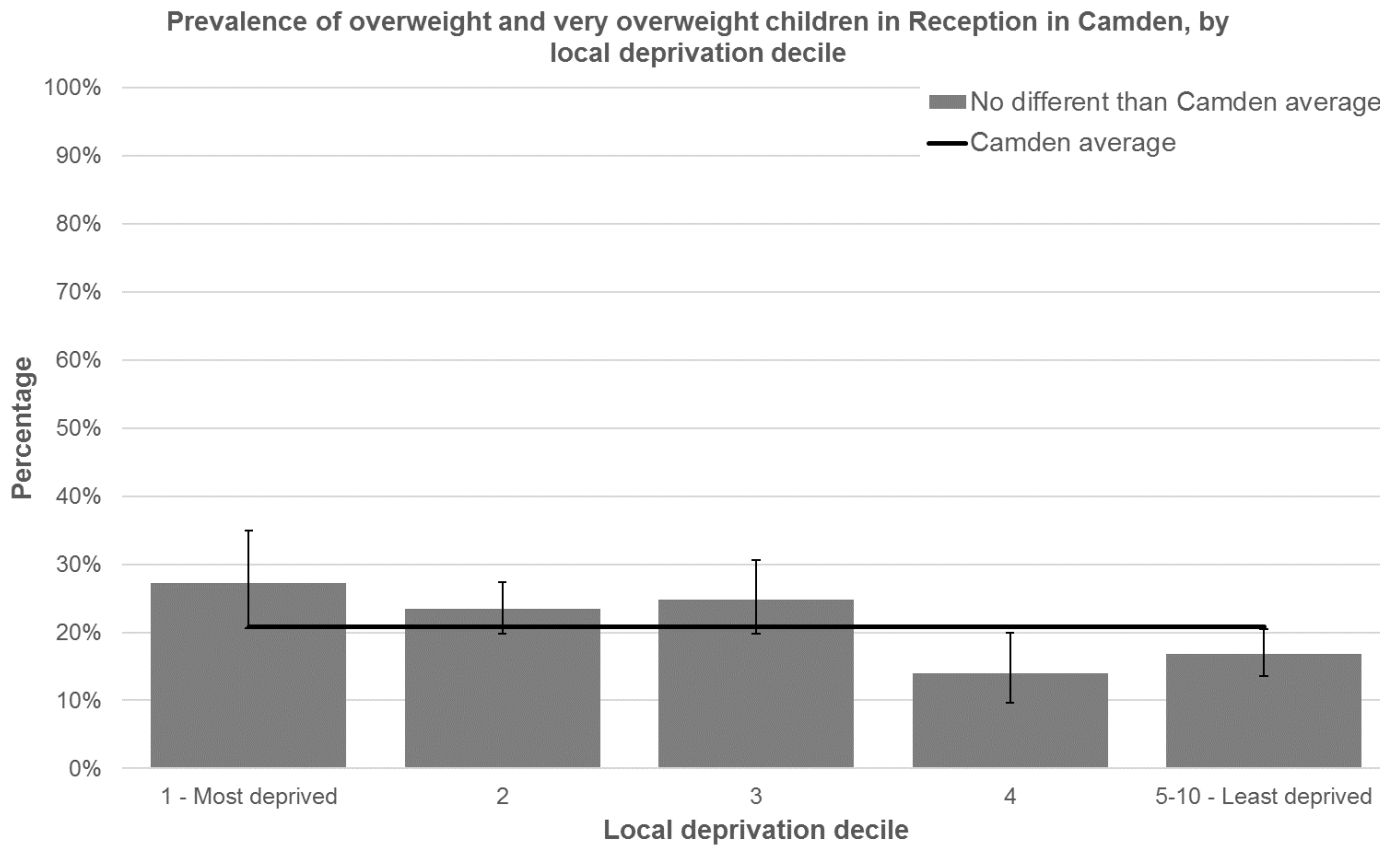


- The prevalence of overweight/very overweight among Year 6 students from Black ethnic groups (49%) was significantly higher than the Camden average (39%).
- The prevalence of overweight/very overweight among Year 6 students from White ethnic groups (32%) was significantly lower than the Camden average (39%).

**Note:** 14 children without recorded ethnicity were not included in this analysis

**Source:** National Child Measurement Programme 2016/17

# Prevalence of overweight, by deprivation decile: Reception



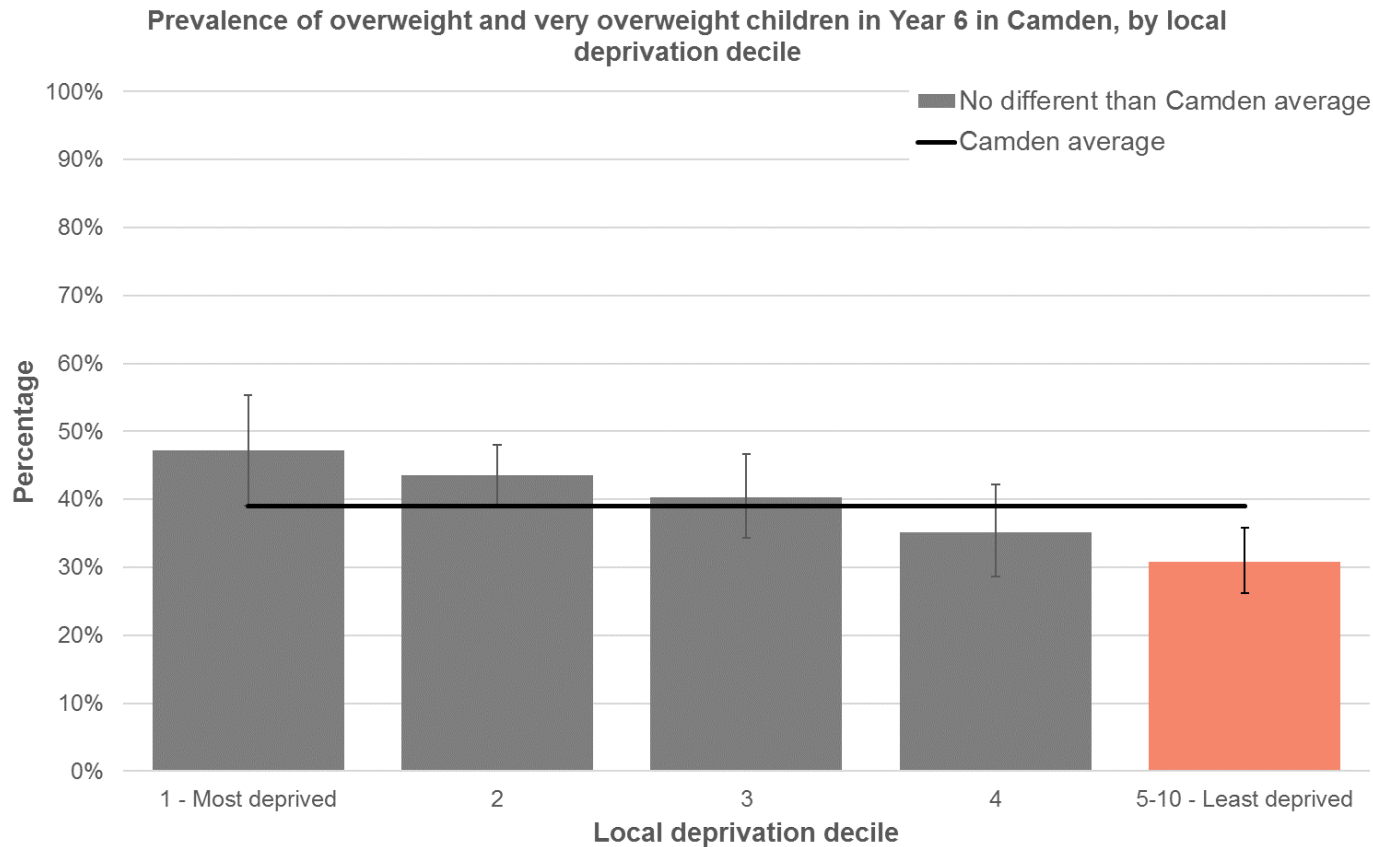
- A significantly higher proportion of Reception students living in the most deprived areas were overweight/very overweight (27%) than students living in the least deprived areas (17%).

**Note:** 7 records were unknown and excluded.

**Source:** National Child Measurement Programme 2016/17



# Prevalence of overweight, by deprivation decile: Year 6



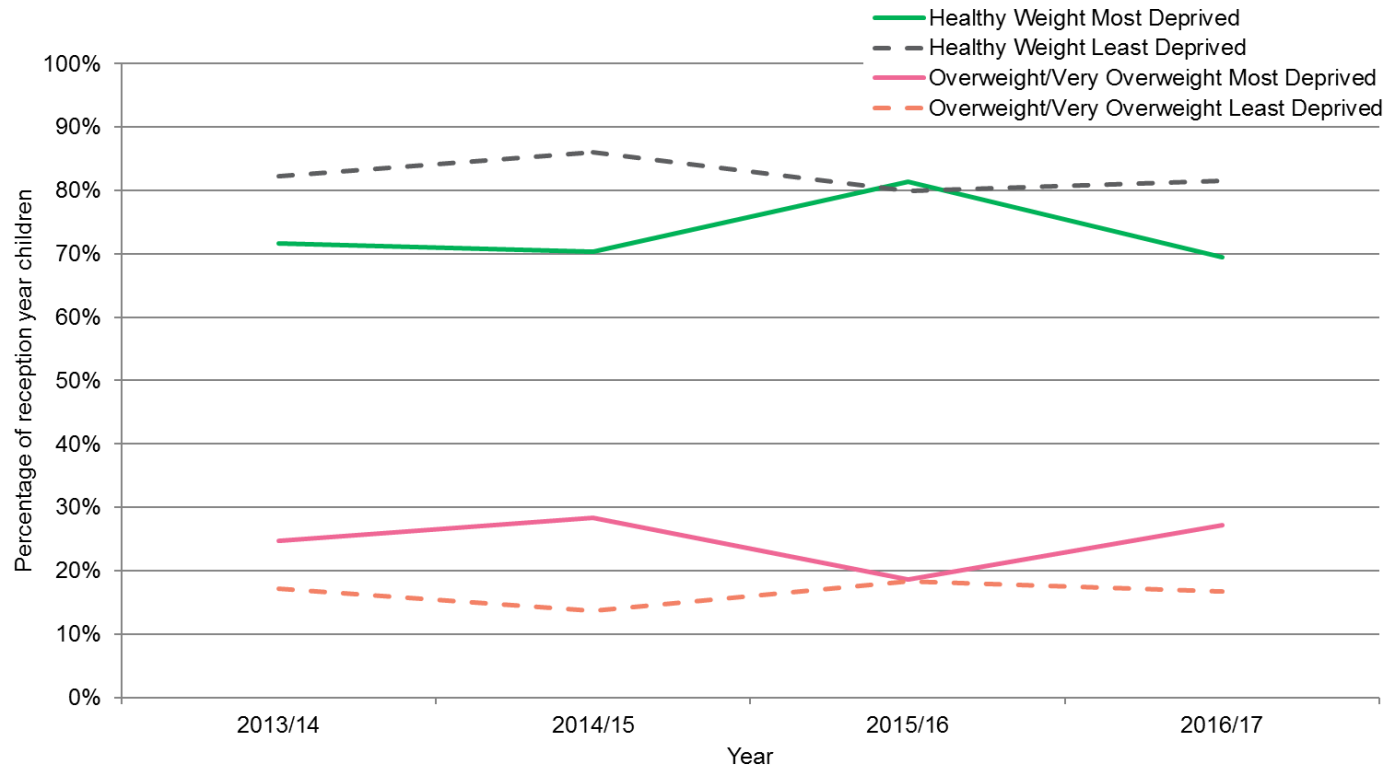
- In Year 6, the prevalence of overweight/very overweight among students living in the most deprived areas of Camden (deciles 1 to 4) was not significantly different to the Camden average.
- The prevalence among Reception students living in less deprived areas (deciles 5 to 10) was significantly lower than the Camden average.

Note: 8 records were unknown and excluded.

Source: National Child Measurement Programme 2016/17

# Trends of overweight and very overweight: Reception

**Trends in childhood obesity by deprivation, Camden reception year school children, 2013/14 to 2016/17**

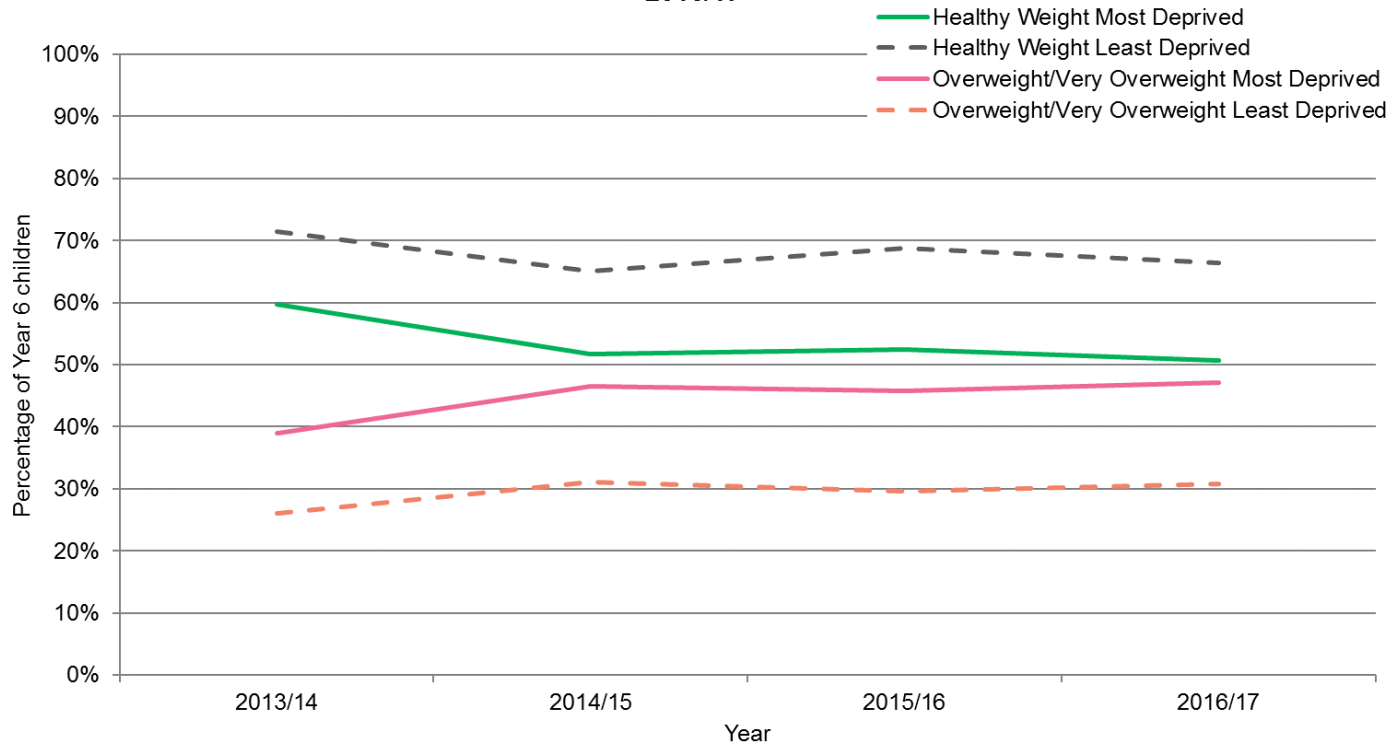


- Among Reception students in Camden, children from the most deprived areas are more likely to be overweight/very overweight than children in least deprived areas. This trend has been consistent over time.

Note: 2015/16 should be viewed with caution due to possible measurement error.  
Source: NCMP, 2016/17

# Trends of overweight and very overweight: Year 6

Trends in childhood obesity by deprivation, Islington Year 6 school children, 2013/14 to 2016/17



- 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.

Note: 2015/16 should be viewed with caution due to possible measurement error.  
 Source: NCMP, 2016/17

## Contact information

### **Cintia Liberatoscioli**

Apprentice Public Health Intelligence – Data Officer

0207 527 5788

[Cintia.Liberatoscioli@Islington.gov.uk](mailto:Cintia.Liberatoscioli@Islington.gov.uk)

### **Katherine Logan**

Public Health Intelligence & Information Analyst

0207 527 1258

[Katherine.Logan@Islington.gov.uk](mailto:Katherine.Logan@Islington.gov.uk)