

North West Child Height and Weight Measurement 2007

North West Child Height and Weight Measurement 2007

NWPHO Indicators – January 2008

Key Points

- All North West PCTs contributed data to the regional system in 2007, with a total sample of 62,322 reception year children and 58,252 year 6 children being measured.
- For reception year children:
 - Prevalence of **obesity** ranged from 6.1% (South Lakeland) to 17.2% (Ellesmere Port & Neston) for boys and from 4.6% (South Lakeland) to 13.1% (Knowsley) for girls.
 - Prevalence of **obesity & overweight** ranged from 16.3% (Chester) to 34.7% (St. Helens) for boys and from 14.1% (Congleton) to 31.7% (St. Helens) for girls.
- For year 6 children:
 - Prevalence of **obesity** ranged from 11.5% (Rossendale) to 26.0% (Ellesmere Port & Neston) for boys and from 8.3% (Chorley) to 21.6% (Manchester) for girls.
 - Prevalence of **obesity & overweight** ranged from 22.7% (Burnley) to 39.6% (Crewe and Nantwich) for boys and from 21.5% (Lancaster) to 38.8% (Ellesmere Port & Neston) for girls.
- There was a greater prevalence of **obesity** as deprivation increased in both age groups and both sexes, such that for:
 - Reception year, in the most deprived areas boys had 1.6 and girls had 1.8 times more obesity than those in the most affluent areas
 - Year 6, in the most deprived areas boys had 1.6 and girls had 1.7 times more obesity than those in the most affluent areas
- There was also a greater prevalence of **obesity & overweight** as deprivation increased in both age groups and both sexes, such that for:
 - Reception year, in the most deprived areas boys and girls had 1.3 times more obesity & overweight than those in the most affluent areas
 - Year 6, in the most deprived areas boys had 1.2 and girls had 1.4 times more obesity & overweight than those in the most affluent areas

Methodological issues:

- Only three PCTs did not send data on postcode of residence but all three were areas coterminous with a single Local Authority.
 - Overall, 69% of reception year children and 78% of Year 6 children had a postcode of residence recorded.
 - For Local Authority measures, children without residence postcode were assigned to the Local Authority of the school.
 - For deprivation analysis, IMD 2004 was assigned based on the Lower Super Output Area (LSOA) of the postcode of residence.
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| | | Reception Obese % | | Year 6 Obese % | |
|-----------|-------------------------|----------------------|------------|-------------------|-------------|
| Code | Local Authority | Males | Females | Males | Females |
| 16UB | Allerdale | 13.7 | 10.7 | 19.8 | 14.1 |
| 16UC | Barrow-in-Furness | 9.9 | 9.3 | 16.0 | 16.9 |
| 00EX | Blackburn with Darwen | 11.0 | 8.5 | 18.1 | 13.4 |
| 00EY | Blackpool | 11.6 | 9.5 | 17.0 | 15.0 |
| 00BL | Bolton | 10.9 | 10.4 | 18.0 | 17.9 |
| 30UD | Burnley | 13.8 | 10.0 | 12.2 | 13.2 |
| 00BM | Bury | 10.6 | 9.1 | 18.1 | 13.3 |
| 16UD | Carlisle | 14.0 | 9.6 | 16.0 | 12.2 |
| 13UB | Chester | 7.9 | 6.1 | 15.6 | 15.7 |
| 30UE | Chorley | 10.1 | 8.4 | 14.8 | 8.3 |
| 13UC | Congleton | 7.1 | 5.3 | 17.0 | 14.6 |
| 16UE | Copeland | 12.2 | 10.2 | 23.9 | 18.0 |
| 13UD | Crewe and Nantwich | 11.1 | 5.5 | 22.7 | 17.7 |
| 16UF | Eden | 11.5 | 8.4 | 20.8 | 13.5 |
| 13UE | Ellesmere Port & Neston | 17.2 | 12.2 | 26.0 | 20.4 |
| 30UF | Fylde | 9.2 | 6.6 | 17.0 | 8.7 |
| 00ET | Halton | 10.1 | 13.0 | 23.3 | 20.2 |
| 30UG | Hyndburn | 9.0 | 8.3 | 17.8 | 11.5 |
| 00BX | Knowsley | 13.7 | 13.1 | 20.4 | 17.3 |
| 30UH | Lancaster | 9.8 | 10.0 | 13.0 | 8.6 |
| 00BY | Liverpool | 11.0 | 10.2 | 20.7 | 14.8 |
| 13UG | Macclesfield | 10.4 | 9.6 | 16.3 | 11.3 |
| 00BN | Manchester | 12.5 | 10.4 | 23.9 | 21.6 |
| 00BP | Oldham | 9.2 | 9.6 | 17.6 | 14.7 |
| 30UJ | Pendle | 10.8 | 11.5 | 15.8 | 9.9 |
| 30UK | Preston | 11.6 | 8.0 | 17.8 | 16.0 |
| 30UL | Ribble Valley | 9.1 | 6.6 | 18.0 | 13.8 |
| 00BQ | Rochdale | 12.8 | 10.9 | 18.8 | 14.4 |
| 30UM | Rossendale | 10.6 | 9.5 | 11.5 | 12.6 |
| 00BR | Salford | 11.3 | 11.7 | 20.5 | 21.3 |
| 00CA | Sefton | 12.0 | 11.2 | 20.7 | 15.9 |
| 16UG | South Lakeland | 6.1 | 4.6 | 12.1 | 10.5 |
| 30UN | South Ribble | 10.9 | 8.3 | 14.2 | 10.2 |
| 00BZ | St. Helens | 15.5 | 12.3 | 22.8 | 19.7 |
| 00BS | Stockport | 8.0 | 6.0 | 16.1 | 11.7 |
| 00BT | Tameside | 10.3 | 8.9 | 18.2 | 12.3 |
| 00BU | Trafford | 12.1 | 8.8 | 17.2 | 15.6 |
| 13UH | Vale Royal | 8.2 | 6.3 | 18.4 | 14.6 |
| 00EU | Warrington | 11.4 | 8.0 | 16.9 | 14.6 |
| 30UP | West Lancashire | 13.2 | 9.8 | 14.3 | 11.0 |
| 00BW | Wigan | 10.1 | 10.5 | 17.5 | 16.9 |
| 00CB | Wirral | 9.8 | 8.4 | 20.8 | 17.9 |
| 30UQ | Wyre | 8.5 | 5.1 | 16.6 | 13.1 |
| NW | North West | 11.0 | 9.4 | 18.9 | 15.6 |
| | | 3,486 | 2,857 | 5,594 | 4,450 |
| | | 31,803 | 30,243 | 29,623 | 28,445 |
| | | 12.0 | 10.0 | 19.0 | 16.0 |

Highlighted areas where obesity is above the 75th percentile:

Red & bold indicates area with the highest prevalence

North West Child Height and Weight Measurement 2007

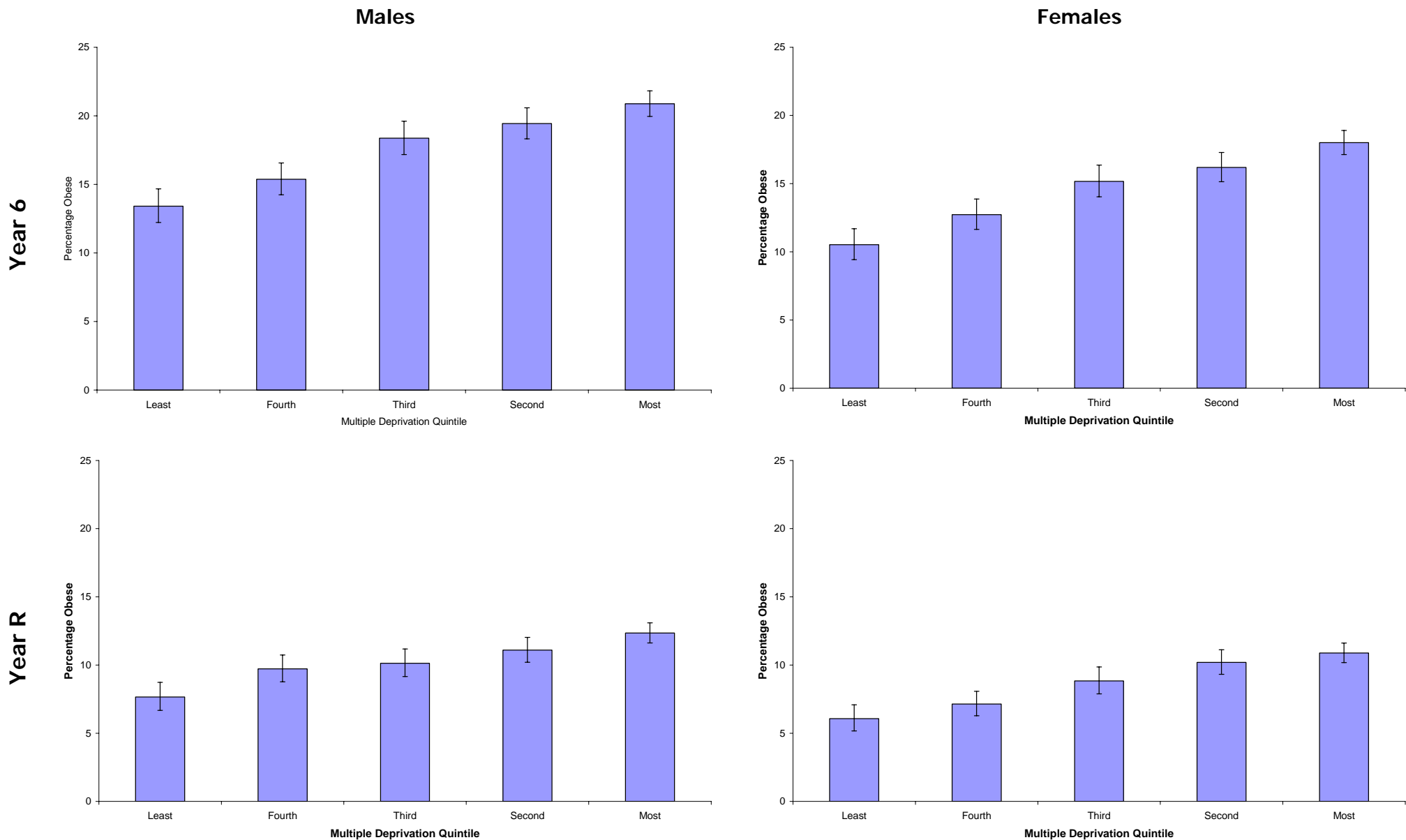
NWPHO Indicator - January 2008

| Code | Local Authority | Reception Obese & Overweight % | | Year 6 Obese & Overweight % | |
|-----------|-------------------------|-----------------------------------|-------------|--------------------------------|-------------|
| | | Males | Females | Males | Females |
| 16UB | Allerdale | 29.2 | 23.7 | 32.7 | 25.0 |
| 16UC | Barrow-in-Furness | 24.3 | 22.8 | 31.2 | 30.1 |
| 00EX | Blackburn with Darwen | 24.6 | 19.7 | 32.7 | 28.4 |
| 00EY | Blackpool | 25.2 | 22.1 | 29.4 | 26.6 |
| 00BL | Bolton | 25.4 | 22.2 | 32.5 | 31.6 |
| 30UD | Burnley | 27.8 | 24.9 | 22.7 | 28.6 |
| 00BM | Bury | 23.2 | 22.4 | 32.3 | 26.9 |
| 16UD | Carlisle | 28.0 | 23.5 | 29.9 | 24.0 |
| 13UB | Chester | 16.3 | 19.4 | 27.8 | 31.0 |
| 30UE | Chorley | 32.3 | 23.6 | 27.1 | 22.0 |
| 13UC | Congleton | 22.6 | 15.2 | 29.4 | 31.3 |
| 16UE | Copeland | 29.8 | 25.5 | 33.6 | 32.3 |
| 13UD | Crewe and Nantwich | 22.5 | 18.0 | 39.6 | 31.4 |
| 16UF | Eden | 23.7 | 21.4 | 33.3 | 26.9 |
| 13UE | Ellesmere Port & Neston | 32.5 | 26.2 | 37.5 | 38.8 |
| 30UF | Fylde | 25.8 | 20.5 | 33.6 | 27.5 |
| 00ET | Halton | 24.3 | 24.5 | 36.3 | 35.1 |
| 30UG | Hyndburn | 20.2 | 22.1 | 31.2 | 25.5 |
| 00BX | Knowsley | 31.8 | 28.1 | 34.7 | 34.5 |
| 30UH | Lancaster | 20.9 | 21.2 | 28.3 | 21.5 |
| 00BY | Liverpool | 24.6 | 21.8 | 35.6 | 28.7 |
| 13UG | Macclesfield | 26.0 | 24.7 | 31.3 | 24.8 |
| 00BN | Manchester | 25.4 | 23.4 | 38.9 | 36.0 |
| 00BP | Oldham | 21.7 | 19.9 | 31.5 | 28.1 |
| 30UJ | Pendle | 23.0 | 21.4 | 30.1 | 21.8 |
| 30UK | Preston | 25.2 | 25.1 | 31.0 | 27.4 |
| 30UL | Ribble Valley | 24.8 | 19.2 | 30.9 | 24.1 |
| 00BQ | Rochdale | 26.8 | 25.6 | 32.7 | 27.7 |
| 30UM | Rossendale | 30.4 | 23.0 | 26.1 | 28.3 |
| 00BR | Salford | 25.8 | 25.5 | 35.3 | 36.4 |
| 00CA | Sefton | 28.0 | 26.5 | 35.4 | 29.6 |
| 16UG | South Lakeland | 16.4 | 14.1 | 24.8 | 27.6 |
| 30UN | South Ribble | 27.4 | 23.7 | 27.6 | 23.6 |
| 00BZ | St. Helens | 34.7 | 31.7 | 38.4 | 36.5 |
| 00BS | Stockport | 18.8 | 16.5 | 27.9 | 23.8 |
| 00BT | Tameside | 23.7 | 24.2 | 31.1 | 26.9 |
| 00BU | Trafford | 27.2 | 23.4 | 31.3 | 30.7 |
| 13UH | Vale Royal | 20.6 | 17.0 | 33.6 | 29.7 |
| 00EU | Warrington | 26.1 | 20.2 | 31.5 | 27.2 |
| 30UP | West Lancashire | 33.7 | 24.5 | 26.9 | 22.1 |
| 00BW | Wigan | 26.3 | 25.3 | 32.0 | 30.0 |
| 00CB | Wirral | 24.3 | 22.1 | 35.7 | 33.4 |
| 30UQ | Wyre | 19.6 | 18.2 | 27.5 | 25.0 |
| NW | North West | 25.2 | 22.6 | 33.0 | 29.8 |
| | | 8,019 | 6,850 | 9,779 | 8,469 |
| | | 31,803 | 30,243 | 29,623 | 28,445 |
| | | 15.6 | 14.7 | 14.8 | 15.1 |

Highlighted areas where obesity is above the 75th percentile:

Red & bold indicates area with the highest prevalence

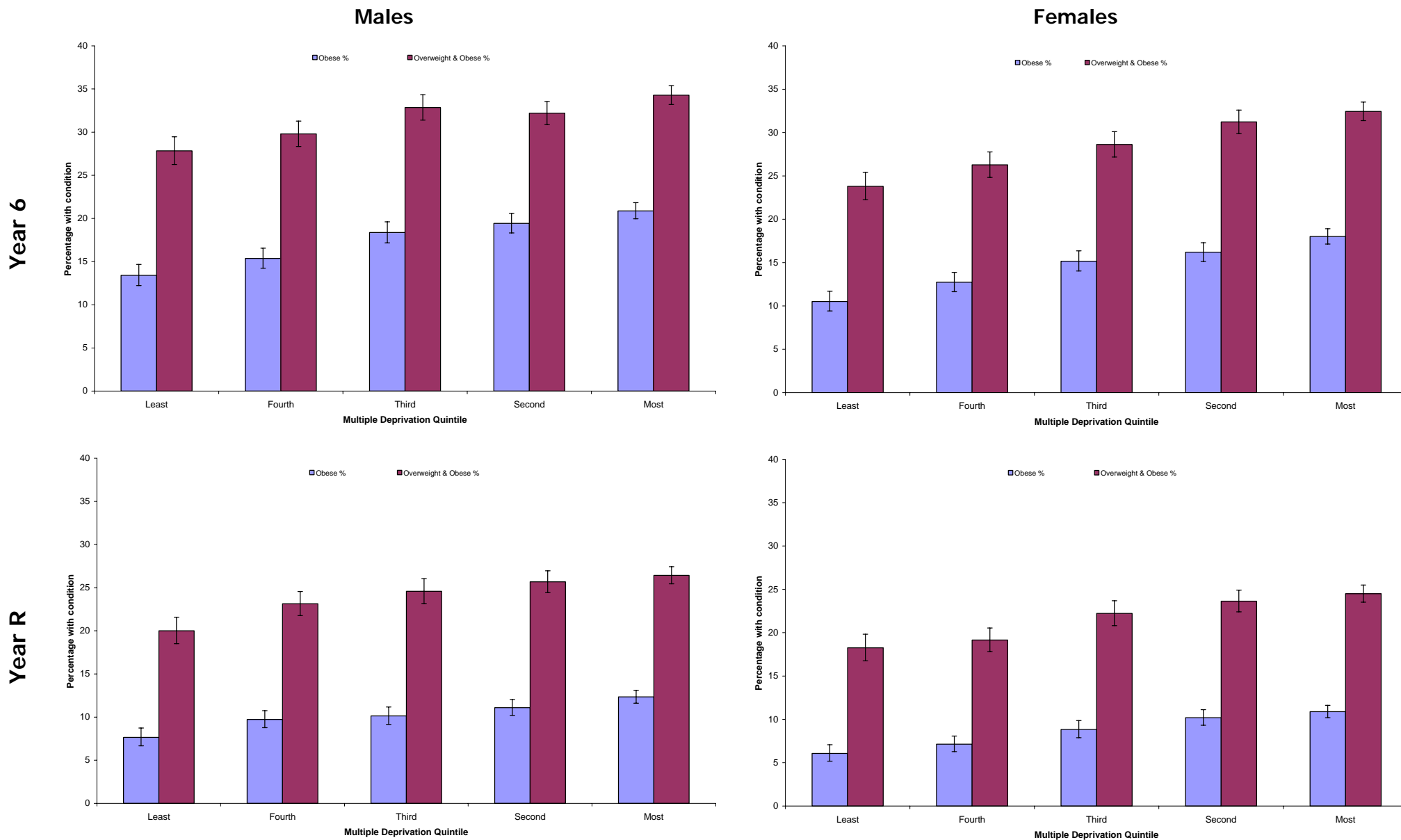
Prevalence of Obesity by deprivation* quintile



* IMD 2004 based on children with postcode of residence recorded (69% of reception year and 78% of Year 6 children)

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Prevalence of Obesity & Overweight by deprivation* quintile



* IMD 2004 based on children with postcode of residence recorded (69% of reception year and 78% of Year 6 children)

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Proportion of children assigned to a Local Authority by residence or school postcode

Reception Year

| PCT | Total Children | School LA assigned | School | Residence Postcode |
|---------------------------------|----------------|--------------------|-------------|--------------------|
| Liverpool | 4206 | 4206 | 100.0 | 0.0 |
| Manchester | 4137 | 4137 | 100.0 | 0.0 |
| Sefton | 2335 | 2335 | 100.0 | 0.0 |
| Cumbria | 4383 | 4004 | 91.4 | 8.6 |
| Central Lancashire | 3605 | 2806 | 77.8 | 22.2 |
| Tameside and Glossop | 2103 | 295 | 14.0 | 86.0 |
| Ashton, Leigh and Wigan | 2991 | 360 | 12.0 | 88.0 |
| Bury | 1870 | 140 | 7.5 | 92.5 |
| Central and Eastern Cheshire | 3508 | 186 | 5.3 | 94.7 |
| Wirral | 2904 | 150 | 5.2 | 94.8 |
| Heywood, Middleton and Rochdale | 2329 | 113 | 4.9 | 95.1 |
| Oldham | 2607 | 114 | 4.4 | 95.6 |
| Western Cheshire | 1785 | 62 | 3.5 | 96.5 |
| Blackburn with Darwen | 1666 | 56 | 3.4 | 96.6 |
| Stockport | 2436 | 64 | 2.6 | 97.4 |
| Blackpool | 926 | 15 | 1.6 | 98.4 |
| Trafford | 2131 | 31 | 1.5 | 98.5 |
| Bolton | 2752 | 37 | 1.3 | 98.7 |
| East Lancashire | 3614 | 40 | 1.1 | 98.9 |
| Warrington | 2209 | 9 | 0.4 | 99.6 |
| Knowsley | 1495 | 6 | 0.4 | 99.6 |
| North Lancashire | 2239 | 8 | 0.4 | 99.6 |
| Halton and St Helens | 2148 | 6 | 0.3 | 99.7 |
| Salford | 1943 | 3 | 0.2 | 99.8 |
| Total | 62322 | 19183 | 30.8 | 69.2 |

Year 6

| PCT | Total | School LA assigned | School LA % | Child Postcode LA % |
|---------------------------------|--------------|--------------------|-------------|---------------------|
| Liverpool | 3900 | 3900 | 100.0 | 0.0 |
| Manchester | 3893 | 3893 | 100.0 | 0.0 |
| Sefton | 2795 | 2795 | 100.0 | 0.0 |
| Cumbria | 2847 | 974 | 34.2 | 65.8 |
| Tameside and Glossop | 1788 | 194 | 10.9 | 89.1 |
| Central and Eastern Cheshire | 4096 | 362 | 8.8 | 91.2 |
| Wirral | 3435 | 280 | 8.2 | 91.8 |
| Ashton, Leigh and Wigan | 2714 | 155 | 5.7 | 94.3 |
| Oldham | 2571 | 128 | 5.0 | 95.0 |
| Western Cheshire | 1205 | 59 | 4.9 | 95.1 |
| Bury | 1705 | 70 | 4.1 | 95.9 |
| Central Lancashire | 2590 | 78 | 3.0 | 97.0 |
| Blackpool | 829 | 21 | 2.5 | 97.5 |
| Blackburn with Darwen | 1687 | 34 | 2.0 | 98.0 |
| Bolton | 2799 | 53 | 1.9 | 98.1 |
| East Lancashire | 2489 | 32 | 1.3 | 98.7 |
| Stockport | 2185 | 28 | 1.3 | 98.7 |
| Heywood, Middleton and Rochdale | 2308 | 22 | 1.0 | 99.0 |
| Trafford | 2161 | 18 | 0.8 | 99.2 |
| North Lancashire | 1744 | 11 | 0.6 | 99.4 |
| Salford | 2037 | 11 | 0.5 | 99.5 |
| Knowsley | 1455 | 5 | 0.3 | 99.7 |
| Warrington | 1964 | 4 | 0.2 | 99.8 |
| Halton and St Helens | 3055 | 6 | 0.2 | 99.8 |
| Total | 58252 | 13133 | 22.5 | 77.5 |



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