

# North West Child Height and Weight Measurement 2007

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# 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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NWPHO Indicator - January 2008

		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
<b>NW</b>	<b>North West</b>	<b>11.0</b>	<b>9.4</b>	<b>18.9</b>	<b>15.6</b>
		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:

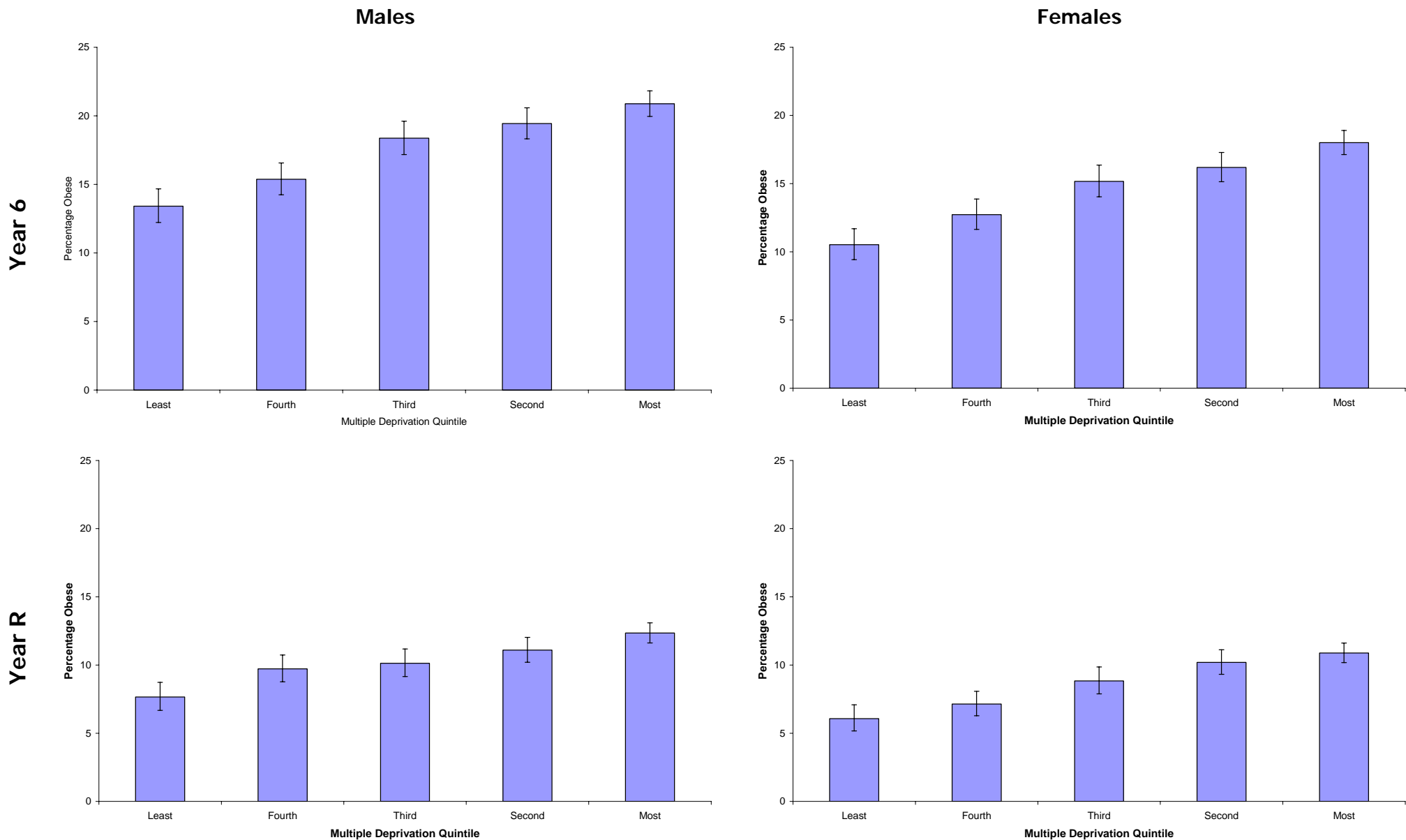
Red & bold indicates area with the highest prevalence

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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
<b>NW</b>	<b>North West</b>	<b>25.2</b>	<b>22.6</b>	<b>33.0</b>	<b>29.8</b>
		8,019	6,850	9,779	8,469
		31,803	30,243	29,623	28,445
	Highlighted areas where obesity is above the 75th percentile:	15.6	14.7	14.8	15.1
	<b>Red &amp; bold indicates area with the highest prevalence</b>				

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)

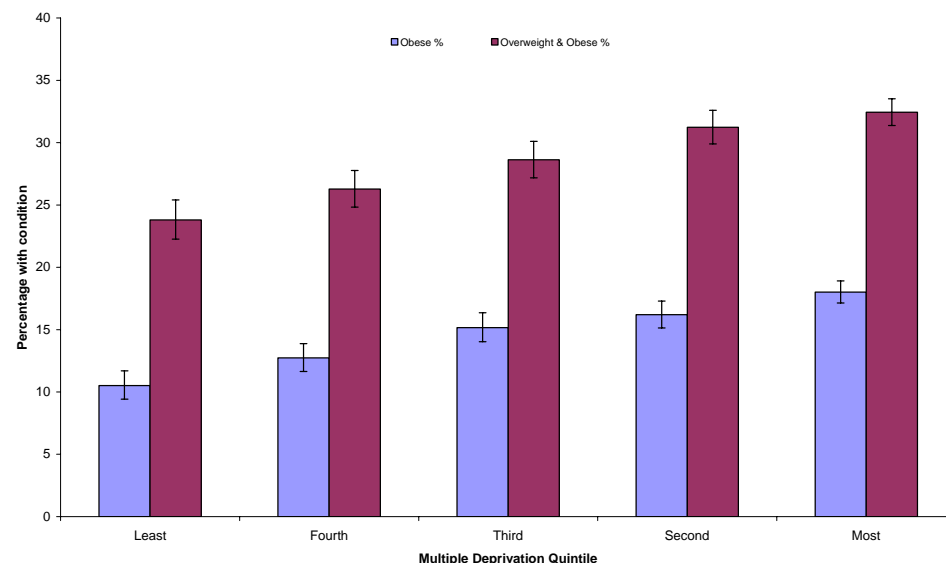
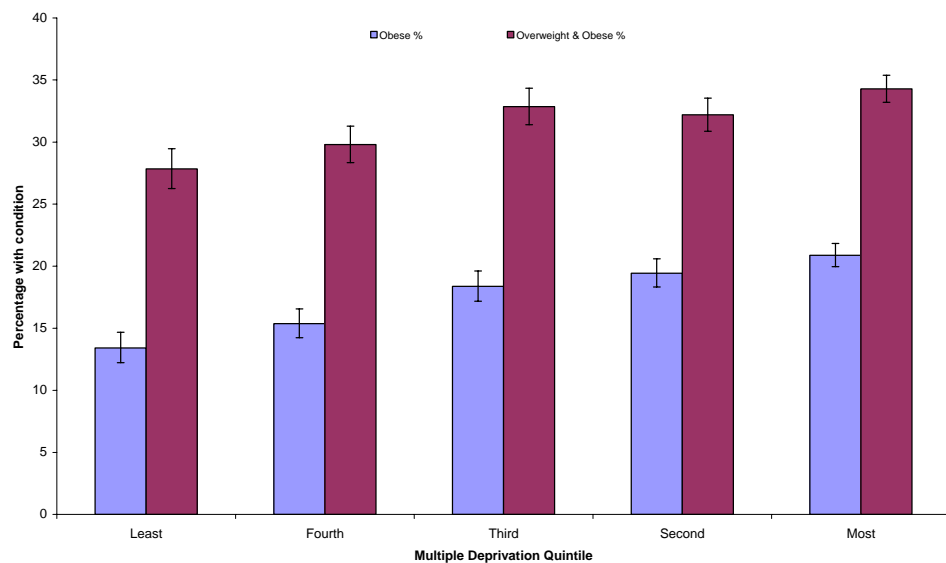
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Prevalence of Obesity & Overweight by deprivation\* quintile

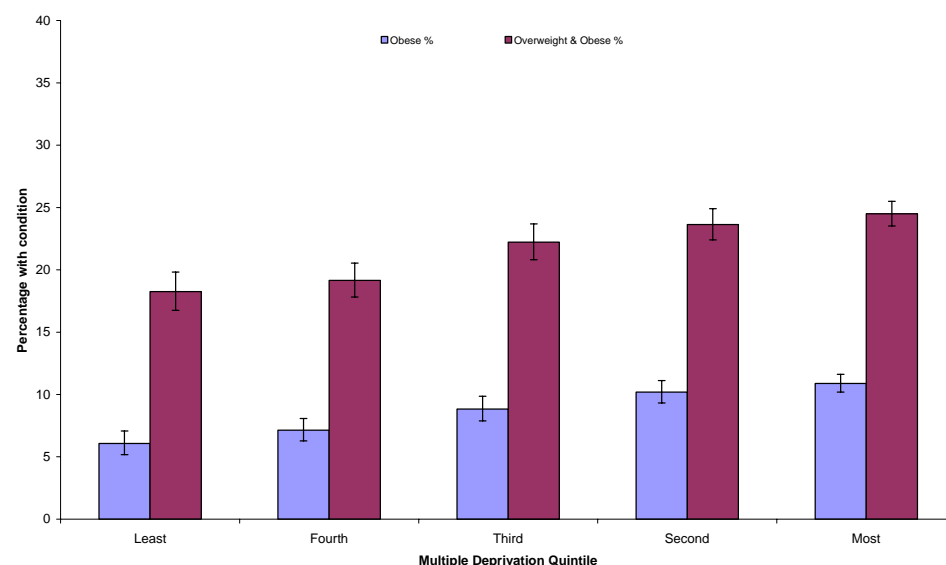
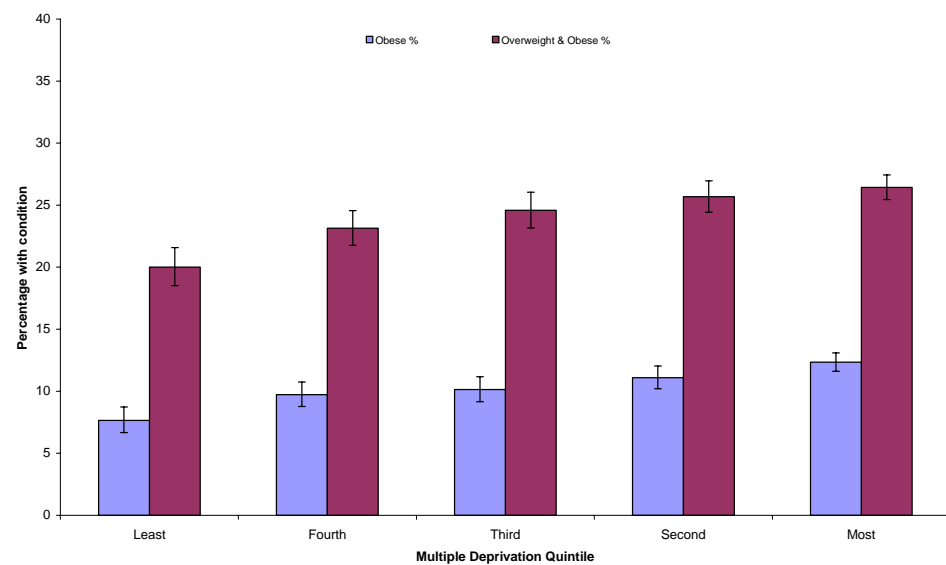
Males

Females

Year 6



Year R



\* 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
<b>Total</b>	<b>62322</b>	<b>19183</b>	<b>30.8</b>	<b>69.2</b>

### 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
<b>Total</b>	<b>58252</b>	<b>13133</b>	<b>22.5</b>	<b>77.5</b>



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