

# **BENCHMARKING DATA**

## **PRIMARY SCHOOLS**

**2008/2009**

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## BENCHMARKING: NORTHERN IRELAND AVERAGES 2008/09

Headline Indicator	English	Maths
% of pupils achieving level 2 or above in Key stage 1 teacher assessments	94.5	95.2
% of pupils achieving level 3 or above in Key stage 1 teacher assessments	41.7	47.7
% of pupils achieving level 4 or above in Key stage 2 teacher assessments	80.1	81.3
% of pupils achieving level 5 or above in Key stage 2 teacher assessments	29.1	41.9

## **BENCHMARKING: COMPARATIVE DATA 2008/09**

### **Guidance on interpreting the tables**

**Individual schools are not identified in the data.** The tables have been constructed using the following method:

- Schools have been grouped together according to the proportion of pupils entitled to free school meals.
- Within each group the school results have been ranked from the lowest performing school to the highest.
- The data within each table is presented in terms of:
  - lower quartile
  - median
  - upper quartile
  - 95<sup>th</sup> percentile
- The lower quartile figures in each line of a table are the actual results of the school which was a quarter of the way up the scale, i.e. the results achieved or bettered by 75% of schools in the group.
- The median figures are the actual results of the school in the middle of the scale, i.e. the results achieved or bettered by 50% of schools in the group.
- The upper quartile figures are the actual results of the school three quarters of the way up the scale, i.e. the results achieved or bettered by 25% of schools in the group.
- The 95<sup>th</sup> percentile figures are the actual results of the school 95% of the way up the scale, i.e. the results achieved or bettered by the top 5% of schools in the group.

You may also find the following (fictional) example useful in understanding how the benchmarking data have been calculated.

### Example

A primary school has 15% Free School Meals eligibility, and 78% of their pupils achieved level 4 and above in Key Stage Two Assessments in English. To compare their result in this indicator, the school would look at the table with 0-19.99% Free School Meal band. It has been partly reproduced below:

### Key Stage Two: Percentage of Children achieving level 4 and above

Schools with 10 – 19.99% of children entitled to free school meals (238 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	72.7	81.8	90.9	100.0
Mathematics	75.0	84.0	92.3	100.0

The median is the middle value when all the results are ranked in ascending order. In this example, the 119<sup>th</sup> school has a result of 81.8%, higher than the school's result of 78.0%.

The school has a result of 78.0% - this places it between the median and lower quartile of results of school's in the same FSM band.

The top 25% of school's in this FSM band achieve at least 90.9% - this could form the basis of a target for the school, with 78.0% currently achieving.

# BENCHMARKING

## Key Stage One: Percentage of Children achieving level 2 and above

### Free School Meal Bands

Schools with 0 – 9.99% of children entitled to free school meals (343 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	93.8	100.0	100.0	100.0
Mathematics	95.0	100.0	100.0	100.0

Schools with 10 – 19.99% of children entitled to free school meals (257 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	92.3	97.6	100.0	100.0
Mathematics	93.0	100.0	100.0	100.0

Schools with 20 – 29.99% of children entitled to free school meals (128 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	88.5	96.2	100.0	100.0
Mathematics	89.5	96.3	100.0	100.0

Schools with 30 – 39.99% of children entitled to free school meals (59 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	84.8	93.9	100.0	100.0
Mathematics	87.5	95.5	100.0	100.0

Schools with 40 – 49.99% of children entitled to free school meals (28 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	87.5	93.1	98.1	100.0
Mathematics	87.5	94.2	100.0	100.0

Schools with 50 – 59.99% of children entitled to free school meals (33 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	81.8	88.0	100.0	100.0
Mathematics	79.2	90.9	100.0	100.0

Schools with 60+% of children entitled to free school meals (16 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	87.5	95.7	100.0	100.0
Mathematics	83.3	95.7	100.0	100.0

# BENCHMARKING

## Key Stage One: Percentage of Children achieving level 3 and above

### Free School Meal Bands

Schools with 0 – 9.99% of children entitled to free school meals (343 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	33.3	46.7	61.5	83.3
Mathematics	37.0	54.2	71.4	91.7

Schools with 10 – 19.99% of children entitled to free school meals (257 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	25.0	40.0	50.0	69.5
Mathematics	28.6	43.2	59.1	77.8

Schools with 20 – 29.99% of children entitled to free school meals (128 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	22.7	36.5	46.4	72.0
Mathematics	28.6	42.9	52.9	76.9

Schools with 30 – 39.99% of children entitled to free school meals (59 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	21.4	31.3	47.1	71.4
Mathematics	21.9	34.7	48.5	75.4

Schools with 40 – 49.99% of children entitled to free school meals (28 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	15.4	26.7	35.9	53.3
Mathematics	12.5	27.6	44.8	62.5

Schools with 50 – 59.99% of children entitled to free school meals (33 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	12.5	21.7	38.1	54.5
Mathematics	11.1	23.1	38.5	62.5

Schools with 60+% of children entitled to free school meals (16 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	0.0	6.3	26.1	34.3
Mathematics	0.0	3.1	22.2	40.0

# BENCHMARKING

## Key Stage One: Percentage of Children achieving level 2 and above

### School Size Bands

Schools with 0 - 89 children (265 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	90.0	100.0	100.0	100.0
Mathematics	91.7	100.0	100.0	100.0

Schools with 90 - 210 children (349 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	90.3	96.8	100.0	100.0
Mathematics	92.0	100.0	100.0	100.0

Schools with 211 - 499 children (216 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	92.5	96.6	100.0	100.0
Mathematics	93.3	97.0	100.0	100.0

Schools with 500+ children (34 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	94.2	96.4	98.9	100.0
Mathematics	94.3	97.4	98.9	100.0

# BENCHMARKING

## Key Stage One: Percentage of Children achieving level 3 and above

### School Size Bands

Schools with 0 - 89 children (265 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	14.3	37.5	54.5	85.7
Mathematics	16.7	42.9	63.6	90.0

Schools with 90 - 210 children (349 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	22.6	38.1	52.0	75.0
Mathematics	26.9	40.9	59.1	83.3

Schools with 211 - 499 children (216 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	32.6	41.1	53.3	74.3
Mathematics	36.7	48.6	64.2	82.9

Schools with 500+ children (34 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	35.7	46.5	56.8	69.5
Mathematics	46.1	52.2	63.8	81.7

# BENCHMARKING

## Key Stage Two: Percentage of Children achieving level 4 and above

### Free School Meal Bands

Schools with 0 – 9.99% of children entitled to free school meals (343 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	80.4	89.3	96.7	100.0
Mathematics	83.3	90.9	100.0	100.0

Schools with 10 – 19.99% of children entitled to free school meals (254 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	73.1	82.7	90.0	100.0
Mathematics	76.2	83.3	90.0	100.0

Schools with 20 – 29.99% of children entitled to free school meals (126 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	70.0	79.2	86.4	100.0
Mathematics	73.6	81.1	88.5	100.0

Schools with 30 – 39.99% of children entitled to free school meals (57 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	59.1	71.4	82.6	94.7
Mathematics	60.0	76.5	82.6	100.0

Schools with 40 – 49.99% of children entitled to free school meals (28 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	46.6	55.6	80.0	93.8
Mathematics	50.0	73.1	77.8	91.3

Schools with 50 – 59.99% of children entitled to free school meals (32 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	37.5	66.7	80.0	91.7
Mathematics	48.1	68.8	80.0	91.7

Schools with 60+% of children entitled to free school meals (16 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	23.1	37.5	76.9	86.5
Mathematics	40.0	50.0	71.0	83.3

# BENCHMARKING

## Key Stage Two: Percentage of Children achieving level 5 and above

### Free School Meal Bands

Schools with 0 – 9.99% of children entitled to free school meals (343 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	18.5	30.8	44.8	68.0
Mathematics	36.0	50.0	61.8	83.3

Schools with 10 – 19.99% of children entitled to free school meals (254 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	13.6	25.0	36.0	53.8
Mathematics	30.8	41.0	50.0	67.5

Schools with 20 – 29.99% of children entitled to free school meals (126 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	11.1	23.3	33.3	48.7
Mathematics	23.1	35.7	46.7	62.8

Schools with 30 – 39.99% of children entitled to free school meals (57 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	6.7	17.2	29.2	40.7
Mathematics	17.3	25.0	42.1	57.1

Schools with 40 – 49.99% of children entitled to free school meals (28 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	0.0	8.3	22.2	43.2
Mathematics	10.5	22.2	33.3	45.2

Schools with 50 – 59.99% of children entitled to free school meals (32 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	0.0	2.9	13.0	24.6
Mathematics	6.8	15.2	25.0	40.0

Schools with 60+% of children entitled to free school meals (16 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	0.0	3.2	8.8	17.9
Mathematics	0.0	3.2	21.4	27.8

# BENCHMARKING

## Key Stage Two: Percentage of Children achieving level 4 and above

### School Size Bands

Schools with between 0 - 89 children (258 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	72.7	85.7	100.0	100.0
Mathematics	76.2	87.5	100.0	100.0

Schools with between 90 - 210 children (348 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	71.4	82.6	92.3	100.0
Mathematics	73.3	83.3	93.3	100.0

Schools with between 211 - 499 children (216 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	72.7	82.1	88.5	95.8
Mathematics	75.4	81.6	89.3	96.4

Schools with 500+ children (34 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	79.0	83.3	89.2	93.9
Mathematics	78.7	84.9	88.8	94.6

# BENCHMARKING

## Key Stage Two: Percentage of Children achieving level 5 and above

### School Size Bands

Schools with between 0 - 89 children (258 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	0.0	16.7	33.3	58.3
Mathematics	22.2	40.0	55.6	83.3

Schools with between 90 - 210 children (348 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	13.3	25.0	38.1	64.7
Mathematics	23.5	40.0	51.9	73.1

Schools with between 211 - 499 children (216 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	18.9	28.6	39.5	58.0
Mathematics	30.6	41.9	51.4	68.4

Schools with 500+ children (34 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	24.3	33.3	43.1	57.1
Mathematics	39.4	47.4	59.6	68.5