

# **BENCHMARKING DATA**

## **SECONDARY SCHOOLS**

**(GRAMMAR AND NON-GRAMMAR)**

**2007/08**

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## BENCHMARKING: NORTHERN IRELAND AVERAGES 2007/08

Headline Indicator	Grammar schools	Non-Grammar schools
% of pupils achieving the expected level (5) or above in Key stage 3 English teacher assessments	99.8	66.9
% of pupils achieving the expected level (5) or above in Key stage 3 mathematics teacher assessments	99.7	58.9
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	96.3	50.3
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	99.9	88.9
% of Year 12 pupils achieving no GCSEs or equivalent	0.1	2.8
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	92.3	30.0
% of Year 12 pupils achieving an A*-C in English	95.7	45.9
% of Year 12 pupils achieving an A*-G in English	98.8	84.8
% of Year 12 pupils achieving an A*-C in mathematics	96.4	40.6
% of Year 12 pupils achieving an A*-G in mathematics	98.8	86.7
% of pupils entered for A levels or equivalent and achieving 3 or more grades A-C	73.8	40.3
% of pupils entered for A levels or equivalent and achieving 2 or more grades A-E	99.2	93.1

These are average performance figures across selective and non-selective schools. It follows therefore that individual schools will be above and below these averages. They provide a context within which a school can set its own aspirational targets, taking into account trends within the school itself and trends within schools of comparable Free School Meal eligibility. More detailed figures to assist in this process can be found in the pages that follow, along with guidance on how to interpret the analysis.

# BENCHMARKING: COMPARATIVE DATA 2007/08

## 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 non-grammar school has 15% Free School Meals, and 41.2% of their year 12 pupils achieved 5 or more GCSEs or equivalent at grades A\*-C including English and mathematics. To compare their result in this indicator, the school would look at the table for non-grammar schools with 0-19.99% Free School Meals. It has been partly reproduced below:

Schools with 0 – 19.99% of children entitled to free school meals (48 Schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	93.8	96.8	100.0	100.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	25.8	36.6	44.2	54.2
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	40.3	50.9	62.9	71.4

The median is the middle value when all the results are ranked in ascending order. In this example, the 24<sup>th</sup> school has a result of 36.6%, lower than the school's result of 41.2%

The school has a result of 41.2% - this places it between the median and upper quartile of results of schools in the same FSM band.

The top 25% of schools in this FSM band achieve at least 44.2% - this could form the basis of a target for the school, with 41.2% currently achieving.

## BENCHMARKING: GRAMMAR SCHOOLS

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

#### Free School Meal Bands

Schools with 0 – 4.99% of children entitled to free school meals (38 schools):-

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

Schools with 5 – 9.99% of children entitled to free school meals (19 schools):-

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

Schools with 10+% of children entitled to free school meals (9 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	100.0	100.0	100.0	100.0
Mathematics	99.2	100.0	100.0	100.0

## BENCHMARKING: GRAMMAR SCHOOLS

### Key Stage Three: Percentage of Children achieving level 6 and above

#### Free School Meal Bands

Schools with 0 – 4.99% of children entitled to free school meals (38 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	91.2	94.7	96.7	99.4
Mathematics	90.6	95.8	98.9	100.0

Schools with 5 – 9.99% of children entitled to free school meals (19 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	87.1	93.2	97.2	100.0
Mathematics	86.7	94.4	96.9	100.0

Schools with 10+% of children entitled to free school meals (9 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	81.8	88.9	98.7	99.5
Mathematics	80.5	92.6	99.0	100.0

## BENCHMARKING: NON-GRAMMAR SCHOOLS

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

#### Free School Meal Bands

Schools with 0 – 19.99% of children entitled to free school meals (54 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	64.4	79.1	86.7	92.4
Mathematics	62.5	67.3	81.9	86.4

Schools with 20 – 29.99% of children entitled to free school meals (54 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	56.3	62.5	72.4	83.1
Mathematics	45.8	53.0	65.5	73.0

Schools with 30 – 39.99% of children entitled to free school meals (25 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	44.8	50.0	64.6	78.3
Mathematics	44.8	52.6	56.8	69.2

Schools with 40 – 49.99% of children entitled to free school meals (13 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	28.8	48.3	52.1	69.6
Mathematics	18.8	40.8	55.7	62.5

Schools with 50%+ of children entitled to free school meals (7 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	19.5	44.0	45.0	74.5
Mathematics	27.8	38.5	40.0	62.5

## BENCHMARKING: NON-GRAMMAR SCHOOLS

### Key Stage Three: Percentage of Children achieving level 6 and above

#### Free School Meal Bands

Schools with 0 – 19.99% of children entitled to free school meals (54 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	23.5	33.3	54.5	65.5
Mathematics	24.2	32.0	43.3	54.1

Schools with 20 – 29.99% of children entitled to free school meals (54 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	15.6	22.1	34.0	44.4
Mathematics	10.9	19.3	28.6	36.2

Schools with 30 – 39.99% of children entitled to free school meals (25 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	10.5	17.5	27.3	37.6
Mathematics	9.0	15.8	21.6	34.2

Schools with 40 – 49.99% of children entitled to free school meals (13 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	10.4	14.3	21.7	25.7
Mathematics	1.8	9.6	17.6	25.0

Schools with 50%+ of children entitled to free school meals (7 schools):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
English	2.5	11.0	16.0	27.6
Mathematics	0.0	7.3	10.0	40.3

# BENCHMARKING: GRAMMAR SCHOOLS PUBLIC EXAMINATIONS

## Free School Meals Bands

Schools with 0 – 4.99% of children entitled to free school meals (39 schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 3 or more grades A-C	67.8	74.7	80.1	89.6
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C	89.7	92.7	95.6	99.3
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C including English and mathematics	85.1	90.2	93.5	96.2
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	95.2	97.2	99.0	100.0

Schools with 5 – 9.99% of children entitled to free school meals (19 schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 3 or more grades A-C	66.0	71.7	76.9	88.4
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C	86.6	89.2	94.0	100.0
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C including English and mathematics	84.2	86.2	91.7	94.9
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	94.8	96.9	97.9	100.0

Schools with 10 +% of children entitled to free school meals (8 schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 3 or more grades A-C	60.5	70.8	77.0	82.8
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C	83.2	84.7	94.2	99.5
% of Year 12 pupils achieving 7 or more GCSEs or equivalent at Grades A*-C including English and mathematics	76.1	81.9	90.7	99.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	90.3	92.1	97.8	100.0

<sup>1</sup> This figure represents the number of schools who entered candidates for **GCSEs**.

# BENCHMARKING: NON-GRAMMAR SCHOOLS PUBLIC EXAMINATIONS

## Free School Meals Bands

Schools with 0 – 19.99% of children entitled to free school meals (51 Schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	91.2	95.2	98.1	100.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	30.4	37.3	48.7	54.3
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	46.6	58.7	70.6	79.7
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	89.9	95.8	98.2	100.0
% of Year 12 pupils achieving 1 or more GCSEs or equivalent	97.6	99.4	100.0	100.0
% of Year 12 pupils achieving no GCSEs or equivalent	2.4	0.6	0.0	0.0

Schools with 20 – 29.99% of children entitled to free school meals (53 Schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	93.1	100.0	100.0	100.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	20.5	28.3	33.5	52.5
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	37.0	48.5	60.0	70.5
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	81.3	91.4	94.4	98.7
% of Year 12 pupils achieving 1 or more GCSEs or equivalent	97.1	98.9	100.0	100.0
% of Year 12 pupils achieving no GCSEs or equivalent	2.9	1.1	0.0	0.0

<sup>1</sup> This figure represents the number of schools who entered candidates for **GCSEs**.

# BENCHMARKING: NON-GRAMMAR SCHOOLS PUBLIC EXAMINATIONS

## Free School Meals Bands

Schools 30 – 39.99% of children entitled to free school meals (23 Schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	81.0	88.9	95.4	100.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	15.6	23.4	26.5	37.9
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	38.1	51.4	58.9	65.6
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	83.3	89.7	93.5	99.2
% of Year 12 pupils achieving 1 or more GCSEs or equivalent	96.6	98.8	100.0	100.0
% of Year 12 pupils achieving no GCSEs or equivalent	3.7	1.2	0.0	0.0

Schools with 40 – 49.99% of children entitled to free school meals (13 Schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	72.2	90.7	96.3	100.0
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	3.2	11.3	18.5	24.2
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	15.1	34.8	40.5	66.7
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	73.5	85.4	93.2	98.6
% of Year 12 pupils achieving 1 or more GCSEs or equivalent	92.4	97.1	98.6	100.0
% of Year 12 pupils achieving no GCSEs or equivalent	7.5	2.9	1.4	0.0

<sup>1</sup> This figure represents the number of schools who entered candidates for **GCSEs**.

# BENCHMARKING: NON-GRAMMAR SCHOOLS PUBLIC EXAMINATIONS

## Free School Meals Bands

Schools with 50+% of children entitled to free school meals (7 Schools<sup>1</sup>):-

	Lower quartile	Median	Upper quartile	95 <sup>th</sup> Percentile
% of pupils doing A levels or equivalents achieving 2 or more grades A-E	57.7	63.6	90.6	93.1
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C including English and mathematics	5.0	8.8	12.5	25.2
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-C	17.5	18.4	25.0	69.6
% of Year 12 pupils achieving 5 or more GCSEs or equivalent at Grades A*-G	62.5	77.6	94.8	100.0
% of Year 12 pupils achieving 1 or more GCSEs or equivalent	90.0	93.7	98.5	100.0
% of Year 12 pupils achieving no GCSEs or equivalent	10.0	6.4	1.5	0.0

<sup>1</sup> This figure represents the number of schools who entered candidates for **GCSEs**.