

Educational attainment in Gloucestershire

An evidence base report to support Understanding Gloucestershire 2015

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Strategic Needs Analysis Team

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Introduction

This report provides the evidence base for the Educational attainment section of *Understanding Gloucestershire - A Joint Strategic Needs Assessment 2015*.

It describes achievement from Early Years to Key Stage 5 with regional, statistical neighbour and national comparisons over the last five years where applicable.

It is divided into four parts:

1. **Educational outcomes** for all pupils resident in Gloucestershire
2. **Vulnerable groups** relating to pupils from Black and Minority Ethnic groups, pupils whose first language is other than English, pupils eligible for Free School Meals and pupils with Special Educational Needs.
3. **Gender differences** focusing on the difference in outcomes between male and female pupils
4. **District summaries** deals with attainment for the six districts and County of Gloucestershire.

The data was obtained from Department for Education Statistical First Releases and is therefore in the public domain.

Two major reforms have been implemented which effect the calculation of key stage 4 (KS4) performance measures data and therefore prevent comparison of 2014 data with previous years:

1. Professor Alison Wolf's Review of Vocational Education recommendations which;
 - restrict the qualifications counted
 - prevent any qualification from counting as larger than one GCSE
 - cap the number of non - GCSEs included in performance measures at two per pupil
2. An early entry policy to only count a pupil's first attempt at a qualification.

For more detailed analysis of the possible effects of these reforms at a national level, please see the statistical release SFR02/2015 "Revised GCSE and equivalent results in England, 2013 to 2014" for further details. It is not possible to determine the effects of these reforms on smaller pupil groups.

1. Educational outcomes

This section covers educational attainment and where applicable educational progress from Early Years through to Key Stage 5 with comparisons at regional, statistical neighbour¹ and national level for the last five years up to 2014.

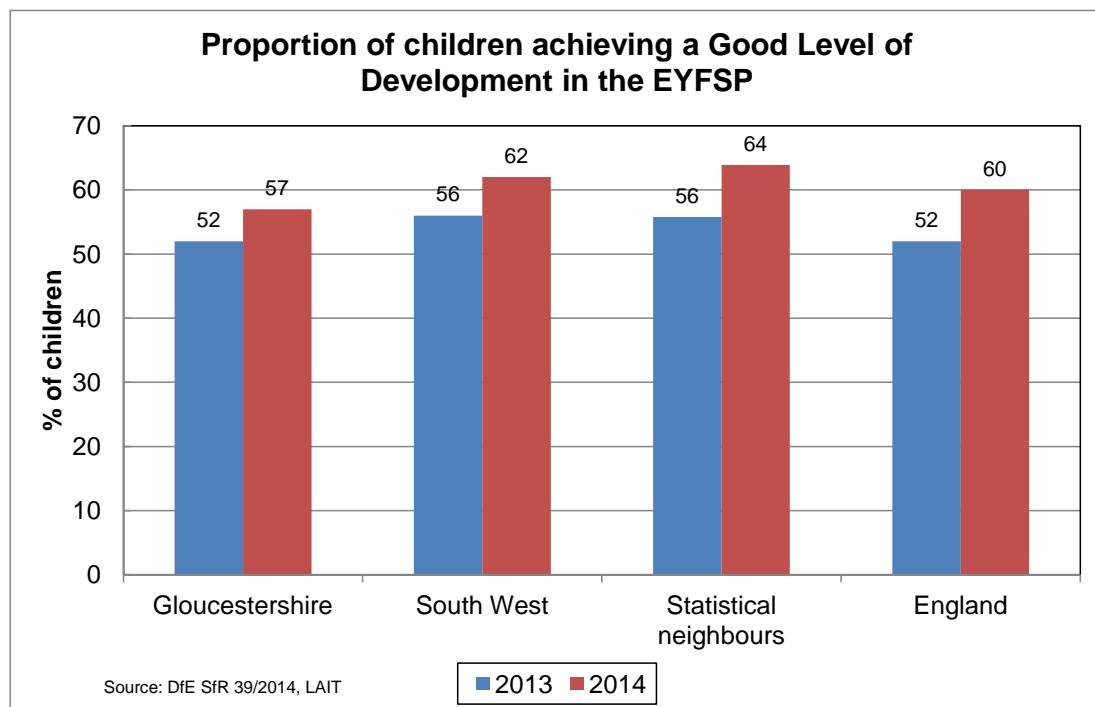
In this report attainment is described as the standard of academic attainment, typically shown by test and examination results. Progress is described as the extent to which pupils have progressed in their learning from their starting points and capabilities and achievement takes into account the standards of attainment reached by pupils and the progress they have made to reach those standards.

1.1 Early Years

A new Early Years Foundation Stage Profile (EYFSP) was introduced in 2012. The Good Level of Development (GLD) measure relates to the number and proportion of children achieving at least the expected level within three prime areas of learning and within the specific areas of literacy and numeracy.

Figure 1 indicates that in 2014 although with 57% achieving a GLD which was an improvement on 2013, Gloucestershire remains below the regional and national averages of 62% and 60% respectively. The County position in relation to its statistical neighbours has worsened from a 4% difference in 2013 and a middle ranking to a 7% difference in 2014 and ranked last.

Figure 1: Percentage of children achieving a Good Level of Development in the EYFSP²



¹ There are 10 statistical neighbours of Gloucestershire: Bath and North East Somerset, Cambridgeshire, Devon, Dorset, Hampshire, Shropshire, South Gloucestershire, West Sussex, Wiltshire and Worcestershire

² DfE SfR 39/2014, SfR 46/2014 & LAIT

1.2 Phonics

Table 1 shows the last three years results for Year 1 phonics tests and that Gloucestershire has not only improved by 14 percentage points but is above the regional and national average and its statistical neighbours. In terms of the latter ranking the County has dropped from third to fourth place.

Table 1: Year 1 Phonics Screening Check: 2014³

| Phonics | Phonics Screening Check 2014: All Pupils Year 1 | | |
|------------------------|---|------|------|
| | 2012 | 2013 | 2014 |
| Gloucestershire | 61 | 72 | 75 |
| South West | 58 | 70 | 74 |
| Statistical neighbours | 59 | 70 | 74 |
| England | 58 | 69 | 74 |

1.3 Key Stage 1: Level 2+

Table 2 depicts KS1 achievement at Level 2 or above in Reading, Writing, Speaking and Listening, Mathematics and Science over the last five years. Standards have improved for all subjects apart from Science which in Gloucestershire showed a slight decline in 2013 before improving in 2014.

In 2014 Gloucestershire at 89% was 1% below the national average in Reading. For the remaining subjects the County is either the same or above the national average. In terms of statistical neighbours, Gloucestershire has shown a decline in ranking across all subject areas over the last five years.

Table 2: Percentage of pupils achieving Level 2 or above⁴ in KS1 teacher assessments⁵

| KS1 | | All pupils (% Level L2+) | | | | |
|------------------------|------------------------|--------------------------|------|------|------|-------|
| | | 2010 | 2011 | 2012 | 2013 | 2014* |
| Reading | Gloucestershire | 87 | 87 | 88 | 89 | 89 |
| | Statistical neighbours | 87 | 87 | 89 | 90 | 91 |
| | South West | 85 | 86 | 88 | 89 | 90 |
| | England | 85 | 85 | 87 | 89 | 90 |
| Writing | Gloucestershire | 83 | 84 | 85 | 85 | 86 |
| | Statistical neighbours | 84 | 84 | 85 | 87 | 88 |
| | South West | 82 | 82 | 84 | 86 | 87 |
| | England | 81 | 81 | 83 | 85 | 86 |
| Speaking and Listening | Gloucestershire | - | 89 | 89 | 89 | 90 |
| | Statistical neighbours | - | 90 | 90 | 91 | 91 |
| | South West | - | 88 | 89 | 90 | 90 |
| | England | - | 87 | 88 | 89 | 89 |
| Mathematics | Gloucestershire | 91 | 91 | 91 | 91 | 92 |
| | Statistical neighbours | 91 | 91 | 92 | 93 | 93 |
| | South West | 90 | 90 | 91 | 92 | 93 |
| | England | 89 | 90 | 91 | 91 | 92 |
| Science | Gloucestershire | 90 | 90 | 91 | 89 | 90 |
| | Statistical neighbours | 92 | 91 | 91 | 93 | 92 |
| | South West | 90 | 90 | 91 | 92 | 92 |
| | England | 89 | 89 | 89 | 90 | 91 |

Table 3 shows achievement at Level 2b or above in Reading, Writing and Mathematics and comparison with regional and national averages. Gloucestershire has improved in all areas over the past five years but at a slower rate than nationally.

³ DfE SfR 34/2014 & LAIT

* 2014 data is provisional

⁴ Level 2 is the expected level of achievement for pupils at the end of KS1

⁵ DfE SfR 34/2014 & LAIT

Table 3: Percentage of pupils achieving Level 2b or above⁶ in KS1 teacher assessments⁷

| KS1 | | All pupils (Level L2b+) % | | | | |
|-------------|-----------------|---------------------------|------|------|------|-------|
| | | 2010 | 2011 | 2012 | 2013 | 2014* |
| Reading | Gloucestershire | 77 | 78 | 79 | 80 | 81 |
| | South West | 74 | 75 | 77 | 80 | 81 |
| | England | 72 | 74 | 76 | 79 | 81 |
| Writing | Gloucestershire | 64 | 66 | 68 | 67 | 70 |
| | South West | 61 | 62 | 65 | 68 | 70 |
| | England | 60 | 61 | 64 | 67 | 70 |
| Mathematics | Gloucestershire | 77 | 77 | 79 | 79 | 80 |
| | South West | 75 | 75 | 77 | 79 | 80 |
| | England | 73 | 74 | 76 | 78 | 80 |

(Data not available for Statistical neighbours)

Table 4 shows achievement at Level 3 and above in Reading, Writing, Speaking and Listening, Mathematics and Science with regional and national comparisons. The percentage of pupils attaining Level 3 and above in Gloucestershire has improved by 2 to 3 percentage points since the dip in 2013. For Reading the County figure is equal to the national average but in Writing and Mathematics figures amount to one percentage point less.

Table 4: Percentage of pupils achieving Level 3 and above⁸ in KS1 teacher assessments⁹

| KS1 | | All pupils (Level L3+) % | | | | |
|----------------------|-----------------|--------------------------|------|------|------|-------|
| | | 2010 | 2011 | 2012 | 2013 | 2014* |
| Reading | Gloucestershire | 30 | 30 | 30 | 28 | 31 |
| | South West | 28 | 28 | 29 | 31 | 32 |
| | England | 26 | 26 | 27 | 29 | 31 |
| Writing | Gloucestershire | 13 | 13 | 14 | 13 | 15 |
| | South West | 13 | 13 | 14 | 16 | 16 |
| | England | 12 | 13 | 14 | 15 | 16 |
| Speaking & Listening | Gloucestershire | - | - | 20 | 19 | 21 |
| | South West | - | - | 22 | 23 | 23 |
| | England | - | - | 22 | 23 | 24 |
| Mathematics | Gloucestershire | 23 | 22 | 23 | 21 | 23 |
| | South West | 21 | 21 | 22 | 24 | 24 |
| | England | 20 | 20 | 22 | 23 | 24 |
| Science | Gloucestershire | 23 | 21 | 20 | 19 | 19 |
| | South West | 21 | 20 | 21 | 22 | 21 |
| | England | 21 | 20 | 21 | 22 | 22 |

(Data not available for Statistical neighbours)

1.4 Key Stage 2: Level 4+

Key Stage 2 results continue to improve in Gloucestershire and are also above both regional and national averages as shown in Table 5.

⁶ Includes pupils who achieved level 2B, level 2A, level 3 or level 4. Level 2 is the expected level of achievement for pupils at the end of KS1. Speaking and listening and science do not report level 2A, 2B and 2C, only level 2, therefore are not included in this table

⁷ DfE SfR 37/2013 & LAIT

⁸ Includes pupils who achieved level 3 or level 4. Level 2 is the expected level of achievement for pupils at the end of key stage 1

⁹ DfE SfR 50/2014 & LAIT

* 2014 data is provisional

Table 5: Achievement at KS2 in Reading test, Writing teacher assessments and Mathematics test¹⁰ L4+, L4B+¹¹, L5+¹²

| KS2 | Achievement KS2 in RWM | | | | | | | |
|-----------------|------------------------|------|-------|--------|-------|-------|------|-------|
| | % L4+ | | | % L4B+ | | % L5+ | | |
| | 2012 | 2013 | 2014* | 2013 | 2014* | 2012 | 2013 | 2014* |
| Gloucestershire | 78 | 79 | 81 | 68 | 70 | 24 | 25 | 27 |
| South West | 75 | 76 | 79 | 64 | 67 | 21 | 22 | 23 |
| England | 75 | 76 | 79 | 63 | 67 | 20 | 21 | 24 |

Table 6 shows achievement at Key Stage 2 in terms of individual subjects at Level 4 and above. Attainment in Gloucestershire has improved over the last five years and maintained high levels across all subjects with the highest level achieved in Reading at 91% and 2% higher than the South West and national averages and the lowest at 87% for Writing.

Gloucestershire has also maintained a high level of achievement in Science at 90% over the last three years while the South West and England experienced a decline in 2013.

For the combined Reading, Writing and Mathematics subjects Gloucestershire attainment levels increased by 12% to 81% in 2014 compared to a 14% increase to 79% at regional and national level.

The County also performed well in relation to its statistical neighbours over the last five years and has ranked in the top three out of eleven for all subjects at this level.

Table 6: Achievement at KS2 Level 4+ and above by subject¹³

| KS2 | | Percentage of pupils achieving L4+ | | | | |
|-----------------------------------|------------------------|------------------------------------|------|------|------|-------|
| | | 2010 | 2011 | 2012 | 2013 | 2014* |
| Reading | Gloucestershire | 87 | 87 | 89 | 88 | 93 |
| | South West | 85 | 85 | 87 | 87 | 91 |
| | Statistical neighbours | 85 | 85 | 88 | 87 | 90 |
| | England | 83 | 84 | 87 | 86 | 91 |
| Writing | Gloucestershire | 75 | 79 | 84 | 86 | 87 |
| | South West | 71 | 75 | 81 | 84 | 86 |
| | Statistical neighbours | 72 | 76 | 82 | 83 | 86 |
| | England | 71 | 75 | 81 | 84 | 86 |
| English | Gloucestershire | 84 | 85 | 89 | 88 | 90 |
| | South West | 81 | 82 | 86 | 87 | 89 |
| | Statistical neighbours | 81 | 83 | 86 | 87 | 89 |
| | England | 80 | 82 | 86 | 87 | 88 |
| Mathematics | Gloucestershire | 82 | 83 | 86 | 86 | 88 |
| | South West | 80 | 81 | 85 | 85 | 86 |
| | Statistical neighbours | 72 | 76 | 82 | 83 | 86 |
| | England | 79 | 81 | 84 | 85 | 86 |
| Science | Gloucestershire | 88 | 87 | 90 | 90 | 90 |
| | South West | 86 | 86 | 88 | 89 | 89 |
| | Statistical neighbours | 87 | 87 | 89 | 89 | 90 |
| | England | 85 | 85 | 87 | 88 | 88 |
| Grammar, punctuation and Spelling | Gloucestershire | - | - | - | 77 | 79 |
| | South West | - | - | - | 75 | 75 |
| | Statistical neighbours | | | | 73 | 76 |
| | England | - | - | - | 74 | 77 |
| Reading, Writing and Mathematics | Gloucestershire | 69 | 72 | 78 | 79 | 81 |
| | South West | 65 | 67 | 75 | 76 | 79 |
| | Statistical neighbours | 65 | 68 | 75 | 75 | 79 |
| | England | 65 | 67 | 75 | 76 | 79 |

¹⁰ Ibid

¹¹ Level 4b is not included in the STA data but is derived from the test level and marks. A pupil with a mark in the top two thirds of the level 4 mark range or with level 5 or 6 is deemed to be at level 4b or above. It should be noted that these figures are not subject to the same statistical equating as the level thresholds to ensure that national standards are maintained. In addition, the level 4 mark range is not always an exact multiple of three. Changes over time at level 4b or above should therefore be interpreted with care

¹² Level 6 tests were re-introduced in 2012. Any pupils achieving level 6 are included in the level 5 or above figures

¹³ DfE SfR 36/2010, 31/2011, 33/2012, 51/2013, 50/2014 & LAIT

* 2014 data is revised

1.4.1 Key Stage 2: Two Levels of Progress

As with attainment, it is evident from Table 7 that progress at Key Stage 2 has improved for all subjects over the past three years. Pupils making expected progress in Gloucestershire primary schools have been consistently above regional, national and statistical neighbour averages. In 2014 the County ranked 1st of its eleven statistical neighbours in all subjects.

Table 7: Percentage of pupils making expected progress¹⁴ in Reading, Writing and Maths between KS1 and KS2¹⁵¹⁶

| KS2 | KS2 Progress levels % | | |
|-------------------------------------|-----------------------|------|-------|
| | 2012 | 2013 | 2014* |
| 2 levels of progress in Reading | Gloucestershire | 91 | 90 |
| | South West | 90 | 88 |
| | England | 90 | 88 |
| 2 levels of progress in Writing | Gloucestershire | 91 | 93 |
| | South West | 90 | 91 |
| | England | 90 | 92 |
| 2 levels of progress in Mathematics | Gloucestershire | 88 | 89 |
| | South West | 87 | 87 |
| | England | 87 | 88 |

1.5 Key Stage 4: GCSE and equivalents

Gloucestershire values for achieving 5+ A*-C GCSEs including English and Mathematics experienced a slight decline from 2011 to 2013 which is the reverse of the picture at regional and national level as shown in Table 8.

The 2014 results are based on a different methodology and therefore cannot be compared with previous years. However, Gloucestershire appears to be four percentage points above both the regional and national averages for this year. In 2014 the County also ranked 2nd of the eleven statistical neighbours thus maintaining the high rank that has been a continuing trend for the last five years.

In terms of achievement relating to 5+ A*-C GCSEs there was steady improvement up to 2013 at all levels. Again the 2014 results cannot be compared to previous years. In 2014 the County figures were well above regional and national levels and also ranked 3rd among its statistical neighbours which is the reverse after being last or close to last in the preceding three years.

¹⁴ Pupils are expected to make at least two levels of progress between KS1 and KS2

¹⁵ Where a pupil has a non-numerical KS2 test result, the teacher assessment result is taken into account in deciding the KS2 level

¹⁶ DfE SfR 50/2014 & LAIT

* 2014 data is revised

Table 8: GCSE and equivalent results of pupils at the end of KS4¹⁷

| KS4 | | Percentage of pupils at the end of KS4 achieving at GCSE and equivalents | | | | |
|--|------------------------|--|------|------|------|--------|
| | | 2010 | 2011 | 2012 | 2013 | 2014** |
| 5+ A*-C inc. English & Mathematics GCSEs | Gloucestershire | 60.1 | 62.9 | 62.3 | 61.8 | 60.8 |
| | South West | 55.4 | 57.9 | 57.5 | 59.5 | 56.7 |
| | Statistical neighbours | 57.3 | 59.7 | 57.9 | 60.4 | 57.5 |
| | England | 55.3 | 58.4 | 59.1 | 60.8 | 56.8 |
| 5+ A*-C | Gloucestershire | 76.1 | 79.4 | 82.0 | 83.0 | 69.6 |
| | South West | 72.7 | 76.8 | 79.8 | 79.8 | 66.2 |
| | Statistical neighbours | 73.9 | 77.3 | 79.1 | 79.6 | 67.1 |
| | England | 76.3 | 80.7 | 83.2 | 83.1 | 65.8 |

1.5.1 Key Stage 4: GCSE and equivalents Progress

It is evident from Table 9 that a decrease in the proportion of pupils making expected progress in English between 2011 and 2012 was reflected at national and local level. In 2014 the County was ranked 3rd among the group of eleven statistical neighbours.

In terms of progress in Mathematics the reverse holds with Gloucestershire peaking slightly earlier in 2012 than regionally and nationally. In 2014 Gloucestershire with 69% was still above the regional and national averages and had the top ranking of its statistical neighbours.

Table 9: Percentage of pupils in state-funded schools¹⁸ making expected progress in English and Mathematics between KS2 and KS4: 2009 to 2014¹⁹

| Progress: KS2 and KS4 | | Percentage of pupils in state-funded schools making expected progress in English and Mathematics between KS2 and KS4 | | | | |
|---|------------------------|--|------|------|------|--------|
| | | 2010 | 2011 | 2012 | 2013 | 2014** |
| Making expected progress in English | Gloucestershire | 71.7 | 74.1 | 68.1 | 68.7 | 73.3 |
| | South West | 70.6 | 72.4 | 67.0 | 69.5 | 71.8 |
| | Statistical neighbours | 71.4 | 73.2 | 66.5 | 69.6 | 71.5 |
| | England | 69.3 | 71.8 | 68.0 | 70.4 | 71.6 |
| Making expected progress in Mathematics | Gloucestershire | 68.8 | 71.0 | 73.7 | 73.1 | 69.0 |
| | South West | 63.0 | 64.6 | 67.7 | 70.3 | 65.7 |
| | Statistical neighbours | 65.7 | 67.1 | 68.6 | 71.4 | 66.4 |
| | England | 62.0 | 64.8 | 68.7 | 70.7 | 65.5 |

¹⁷ DfE SfR 02/2012, 02/2013, 01/2014, 02/2015 & LAIT

¹⁸ Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

¹⁹ State-funded schools include academies, free schools, city technology colleges and state-funded special schools. They exclude independent schools, independent special schools, non-maintained special schools, hospital schools, pupil referral units and alternative provision. Alternative provision includes academy and free school alternative provision

¹⁹ DfE SfR 02/2015 & LAIT

1.6 Key Stage 5: A level and Level 3

Gloucestershire's good performance is carried over into the advanced level examinations as shown in Table 10. For Level 3 qualifications there are two measures of performance²⁰, one is the average point score per student and the other is the average point score per exam entry, both of which need to be taken into account.

Despite all areas undergoing decline, Gloucestershire well outperforms both the South West and England in terms of Average Point score per student which at 751.9 is 63 points, 60 points and 38 points higher than the South West, Statistical neighbours and England respectively. The County was ranked 1st among its statistical neighbours and has maintained a high ranking for the last five years.

In terms of the Average Point score per exam entry Gloucestershire has outperformed all areas and has been ranked 1st among its statistical neighbours for the last five years.

The combination of these scores reflects the fact that students in Gloucestershire are studying for not only more qualifications but also for better grades compared to their statistical neighbours, regionally and nationally.

Regarding the proportion of students achieving two passes at A level although higher than the regional and national average, at 93% reflects a steady decline for all areas in the last five years as shown in Table 10.

Although the results in terms of the proportion of students achieving 3A*-A grades have been fairly static, Gloucestershire has shown improvement since 2010 compared to South West, statistical neighbours and nationally which experienced a slight decrease between 2013 and 2014. Again Gloucestershire has ranked in top place among its statistical neighbours for the last two years.

Table 10: A level and level 3 results²¹ of state-funded students ²²²³

| KS5 | | A level and Level 3 results of state-funded students | | | | |
|--|------------------------|--|-------|-------|-------|-------|
| | | 2010 | 2011 | 2012 | 2013 | 2014 |
| Average point score by students achieving all Level 3 qualifications: Per student | Gloucestershire | 777.3 | 783.3 | 765.4 | 762.1 | 751.9 |
| | South West | 728.0 | 729.5 | 713.4 | 707.3 | 688.8 |
| | Statistical neighbours | 732.3 | 729.7 | 712.1 | 698.6 | 692.1 |
| | England | 726.5 | 728.2 | 714.3 | 706.3 | 696.0 |
| Average point score by students achieving all Level 3 qualifications: Per entry | Gloucestershire | 218.7 | 219.9 | 215.2 | 215.5 | 216.7 |
| | South West | 213.6 | 215.0 | 210.8 | 212.5 | 213.0 |
| | Statistical neighbours | 211.1 | 212.6 | 209.0 | 210.0 | 210.6 |
| | England | 211.1 | 213.1 | 209.3 | 210.5 | 211.5 |
| Percentage of students achieving at least 2 substantial Level 3 qualifications | Gloucestershire | 96.3 | 95.5 | 95.8 | 94.3 | 92.6 |
| | South West | 94.4 | 94.1 | 93.4 | 92.8 | 89.5 |
| | England | 94.8 | 94.0 | 93.6 | 92.3 | 90.5 |
| Percentage of students achieving 3 A*-A grades or better at A level or Applied single/double award A level | Gloucestershire | 12.5 | 13.2 | 12.9 | 13.3 | 14.0 |
| | South West | 10.0 | 10.6 | 10.4 | 10.5 | 10.1 |
| | Statistical neighbours | 10.0 | 10.1 | 9.9 | 9.3 | 9.2 |
| | England | 12.8 | 13.1 | 12.8 | 12.5 | 12.0 |

²⁰ The **average point score per student** provides a measure of the average number of A level equivalent studied and the grades achieved. The more qualifications undertaken by a student and the higher the grades achieved, the higher the average point score per student. However, the **average point score per examination** gives an indication of the average A level grade achieved by students at an institution. The higher the grade, the higher the points score per examination entry. Neither performance indicator should be considered in isolation

²¹ Cumulative results for each academic year

²² Students entered for a GCE or Applied GCE A level or other Level 3 qualification equivalent in size to an A level

²³ DfE SfR 02/2011, 01/2012, 05/2013, 02/2014, 03/2015

2. Vulnerable Groups

This section covers educational attainment across the key stages relating to vulnerable groups including pupils from Black and Minority Ethnic groups, pupils whose first language is other than English, pupils eligible for Free School Meals and pupils with Special Educational Needs. Comparisons at regional and national level and over the last five years have been made where possible.

2.1 Ethnicity gaps

Generally, outcomes for pupils from Asian ethnic groups apart from Early Years is higher than that for White British pupils especially at the higher key stages while the opposite tends to apply to the Black ethnic groups.

In Gloucestershire, as shown in

Table 11 Black and Asian ethnic groups had lower proportions of pupils achieving a (GLD) at EYFSP compared to the Mixed and White ethnic groups. In Gloucestershire for all groups the percentage achieving was below the regional and national average.

Table 11: Percentage of children achieving a Good Level of Development by ethnicity: 2014²⁴²⁵

| EYFSP | Percentage achieving a GLD by ethnicity: 2014 | | | | | |
|-----------------|---|-------|-------|-------|---------|------------|
| | White | Mixed | Asian | Black | Chinese | All pupils |
| Gloucestershire | 58 | 59 | 55 | 52 | 50 | 57 |
| South West | 63 | 64 | 57 | 53 | 63 | 62 |
| England | 62 | 62 | 57 | 59 | 58 | 60 |

The results in Table 12 show that in Gloucestershire the highest results in the phonics decoding are shown by the Asian ethnic group at 81% which is also reflected at regional level and to some extent nationally. The lowest proportion appears in the Chinese group at 60% which appears to be a County anomaly (very low pupil numbers).

Table 12: Percentage meeting the expected standard of phonic decoding by ethnicity: 2014²⁶

| Phonics | Percentage meeting the expected standard of phonic decoding: 2014 | | | | | |
|-----------------|---|-------|-------|-------|---------|------------|
| | White | Mixed | Asian | Black | Chinese | All pupils |
| Gloucestershire | 75 | 75 | 81 | 70 | 60 | 75 |
| South West | 74 | 76 | 80 | 73 | 79 | 74 |
| England | 74 | 76 | 78 | 76 | 81 | 74 |

At KS1 in 2014 pupils from Asian ethnic groups achieved 92%, compared to 89% of White pupils in Reading in Gloucestershire and 90% compared to 87% of White pupils in Writing in the County as depicted in Table 13. These figures are also above the national average.

The gap in achievements in Mathematics is close across all groups as well as locally and nationally. However, in terms of Science White pupils lead with 90%.

In Table 13 the gap between the Chinese and White pupils in Gloucestershire is 11 percentage points for Reading, 18 percentage points for Writing and 28 percentage points for Science which is not reflected at regional or national level and probably reflects to the low number of Chinese pupils in Gloucestershire.

²⁴ DfE SfR 46/2014

²⁵ All pupils includes pupils of any other ethnic group and those pupils for whom ethnicity was not obtained, was refused or could not be determined

²⁶ DfE SfR 34/2014

Table 13: Percentage of pupils achieving Level 2 or above²⁷ in KS1 teacher assessments by ethnicity: 2014²⁸

| KS1 | Percentage achieving level 2+: 2014 | | | | | |
|-----------------|-------------------------------------|-------|-------|-------|---------|------------|
| | Reading | | | | | |
| | White | Mixed | Asian | Black | Chinese | All pupils |
| Gloucestershire | 89 | 88 | 92 | 88 | 77 | 89 |
| South West | 90 | 92 | 90 | 91 | 93 | 90 |
| England | 90 | 91 | 91 | 90 | 92 | 90 |
| | Writing | | | | | |
| | White | Mixed | Asian | Black | Chinese | All pupils |
| | 87 | 84 | 90 | 86 | 69 | 86 |
| Gloucestershire | 87 | 88 | 86 | 86 | 89 | 87 |
| South West | 87 | 87 | 88 | 87 | 89 | 86 |
| England | 86 | 87 | 88 | 87 | 89 | 86 |
| | Mathematics | | | | | |
| | White | Mixed | Asian | Black | Chinese | All pupils |
| | 92 | 92 | 90 | 91 | x | 92 |
| Gloucestershire | 93 | 93 | 92 | 92 | 95 | 93 |
| South West | 92 | 92 | 92 | 91 | 96 | 92 |
| England | 92 | 92 | 92 | 91 | 96 | 92 |
| | Science | | | | | |
| | White | Mixed | Asian | Black | Chinese | All pupils |
| | 90 | 87 | 89 | 85 | 62 | 90 |
| Gloucestershire | 92 | 92 | 89 | 88 | 89 | 92 |
| South West | 91 | 91 | 89 | 88 | 91 | 91 |
| England | 91 | 91 | 89 | 88 | 91 | 91 |

X = Figures not shown in order to protect confidentiality

At KS2 in Gloucestershire in 2014 pupils from Black and Asian ethnic groups achieved a percentage of 79% and 67% respectively at Level 4 and above in Reading, Writing and Mathematics compared to 81% of White pupils as shown in Table 14.

Gloucestershire levels were higher for White pupils than both the regional and national averages by 2% and 6% respectively. In contrast the Gloucestershire gap compared to national levels was by 1% lower for Asian pupils and 10% for Black pupils in 2014.

Table 14: Achievement at KS2 in Reading test, Writing teacher assessments and Mathematics test by ethnicity²⁹

| KS2 | Percentage achieving level 4+ in RWM by ethnicity | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|-------|------|------|-------|------|------|-------|------|------|---------|------|------|------------|------|------|
| | White | | | Mixed | | | Asian | | | Black | | | Chinese | | | All pupils | | |
| | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 |
| Gloucestershire | 78 | 79 | 81 | 80 | 80 | 80 | 75 | 74 | 79 | 60 | 73 | 67 | 64 | x | 100 | 78 | 79 | 81 |
| South West | 75 | 76 | 79 | 76 | 76 | 81 | 75 | 75 | 79 | 60 | 66 | 67 | 81 | 88 | 90 | 75 | 76 | 79 |
| England | 75 | 76 | 75 | 76 | 77 | 80 | 76 | 76 | 80 | 72 | 74 | 77 | 85 | 86 | 89 | 75 | 76 | 79 |

X = Figures not shown in order to protect confidentiality

Achievement of Asian pupils at 5+A*-C grades including English and Mathematics was well above the regional and national averages and better than White pupil performance as depicted in Table 15. The opposite case applies to Black ethnic group pupils.

²⁷ Level 2 is the expected level of achievement for pupils at the end of KS1

²⁸ DfE SfR 34/2014

²⁹ DfE SfR 50/2014

Table 15: Percentage achieving 5+ A*-C grades including English and Mathematics by ethnicity³⁰

| KS4 | | Percentage achieving 5+ A*-C grades inc. Eng & math GCSEs | | | | | | | | |
|--------|-----------------|---|-------|-------------------|-------|-------------------|-------|-------------------|---------|---------------------|
| | | White | Mixed | Gap White & Mixed | Asian | Gap White & Asian | Black | Gap White & Black | Chinese | Gap White & Chinese |
| 2010 | Gloucestershire | 60.2 | 51.5 | 8.7 | 72.1 | -11.9 | 46.8 | 13.4 | x | - |
| | South West | 55.6 | 56.6 | -1.0 | 57.3 | -1.7 | 37.3 | 18.3 | 78.4 | -22.8 |
| | England+ | 55.2 | 55.1 | 0.1 | 59.1 | -3.9 | 50.0 | 5.2 | 77.1 | -21.9 |
| 2011 | Gloucestershire | 63.3 | 55.2 | 8.1 | 72.2 | -8.9 | 40.7 | 22.6 | 80.0 | -16.7 |
| | South West | 58.1 | 58.4 | -0.3 | 57.0 | 1.1 | 42.1 | 16.0 | 71.1 | -13.0 |
| | England | 58.1 | 58.7 | -0.6 | 62.5 | -4.4 | 55.0 | 3.1 | 80.2 | -22.1 |
| 2012 | Gloucestershire | 62.6 | 60.5 | 2.1 | 65.3 | -2.7 | 48.1 | 14.5 | 81.3 | -18.7 |
| | South West | 57.7 | 59.0 | -1.3 | 58.0 | -0.3 | 41.3 | 16.4 | 69.5 | -11.8 |
| | England | 58.7 | 60.0 | -1.3 | 63.4 | -4.7 | 55.3 | 3.4 | 78.8 | -20.1 |
| 2013 | Gloucestershire | 61.9 | 62.8 | -0.9 | 63.9 | -2.0 | 44.1 | 17.8 | 43.8 | 18.1 |
| | South West | 59.5 | 62.8 | -3.3 | 59.3 | 0.2 | 44.7 | 14.8 | 72.9 | -13.4 |
| | England | 60.4 | 62.8 | -2.4 | 64.9 | -4.5 | 58.7 | 1.7 | 80.2 | -19.8 |
| 2014** | Gloucestershire | 60.7 | 61.8 | -1.1 | 66.7 | -6.0 | 42.3 | 18.4 | 66.7 | -6.0 |
| | South West | 56.7 | 58.5 | -1.8 | 59.8 | -3.1 | 46.1 | 10.6 | 74.5 | -17.8 |
| | England | 56.3 | 57.9 | -1.6 | 61.5 | -5.2 | 53.7 | 2.6 | 76.3 | -20.0 |

- = no data

x = Figures not shown in order to protect confidentiality

2.2 First language gaps

Overall the outcomes for pupils whose first language is other than English are lower than those for the rest of the cohort.

It is evident from Table 16 that at 59%, the proportion of Gloucestershire pupils whose first language is English achieving a GLD at EYFSP is below both the regional and national averages of 64% and 63% respectively. The County attainment gap of 17 percentage points is however, reflected at regional level but to a lesser extent nationally.

Table 16: Percentage achieving a GLD by pupils whose first language is other than English: 2014^{31 32 33}

| EYFSP | Percentage achieving a GLD by pupils whose first language is other than English: 2014 | | |
|-----------------|---|---|-----|
| | Pupils whose first language is English | Pupils whose first language is other than English | Gap |
| Gloucestershire | 59 | 42 | 17 |
| South West | 64 | 47 | 17 |
| England | 63 | 53 | 10 |

With regard to the Phonics tests the gap in Gloucestershire is slightly wider at 5 percentage points between pupils whose first language is other than English and the rest of the cohort compared to the South West and England as shown in Table 17.

³⁰ DfE SfR 06/2015

+ The England, region and local authority figures do not include pupils recently arrived from overseas

** Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

³¹ DfE SfR 46/2014

³² Includes 'Not known but believed to be English'

³³ Includes 'Not known but believed to be other than English'

Table 17: Percentage meeting the expected standard of phonic decoding by pupils whose first language is not English: 2014³⁴

| Phonics | Percentage meeting the expected standard of phonic decoding: 2014 | | |
|-----------------|---|---|-----|
| | Pupils whose first language is English | Pupils whose first language is other than English | Gap |
| Gloucestershire | 75 | 70 | 5 |
| South West | 75 | 72 | 3 |
| England | 75 | 74 | 1 |

In Gloucestershire in 2014 the gap between achievements of pupils whose first language is other than English and the rest of the cohort at KS1 varies from 6 percentage points in Mathematics to 12 percentage points in Science according to Table 18 which is reflected but to a lesser degree in the South West and England. Also, achievements for pupils whose first language is not English in Gloucestershire is below the regional and national averages.

Table 18: Percentage of pupils achieving Level 2 or above³⁵ in KS1 teacher assessments by pupils whose first language is not English: 2014³⁶

| KS1 | Percentage of pupils achieving level 2+ by first language: 2014 | | |
|-----------------|---|---|-----|
| | Pupils whose first language is English | Pupils whose first language is other than English | Gap |
| | Reading | | |
| Gloucestershire | 90 | 81 | 9 |
| South West | 91 | 85 | 6 |
| England | 91 | 87 | 4 |
| Writing | | | |
| Gloucestershire | 87 | 76 | 11 |
| South West | 87 | 80 | 7 |
| England | 87 | 83 | 4 |
| Mathematics | | | |
| Gloucestershire | 93 | 87 | 6 |
| South West | 93 | 90 | 3 |
| England | 93 | 90 | 3 |
| Science | | | |
| Gloucestershire | 91 | 79 | 12 |
| South West | 92 | 85 | 7 |
| England | 92 | 86 | 6 |

KS2 results for combined Reading, Writing and Mathematics have continued to improve as depicted in Table 19. In Gloucestershire the gap between pupils whose first language is not English and the rest of the cohort reduced from 14% in 2013 to 4% in 2014.

³⁴ DfE SfR 34/2014

³⁵ Level 2 is the expected level of achievement for pupils at the end of KS1

³⁶ DfE SfR 34/2014

Table 19: Achievement at KS2 in Reading test, Writing teacher assessments and Mathematics test by first language³⁷

| KS2 | Percentage achieving L4+ in RWM by first language | | | | | |
|-----------------|---|------|------|--|------|------|
| | Pupils whose first language is English | | | Pupils whose first language is not English | | |
| | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 |
| Gloucestershire | 78 | 80 | 81 | 69 | 69 | 77 |
| South West | 75 | 76 | 79 | 68 | 69 | 75 |
| England | 75 | 76 | 79 | 73 | 73 | 77 |

However, at KS4 as reflected in Table 20, the gap in achievement by pupils whose first language is not English and the rest of the cohort appears to have widened over the last five years in Gloucestershire compared to the South West and England.

Table 20: Percentage achieving 5+ A*-C grades including English and Mathematics by first language³⁸

| KS4 | % achieving 5+ A*-C inc. English & maths | | | |
|--------|--|---|------|------|
| | Pupils whose first language is English | Pupils whose first language is other than English | Gap | |
| 2010 | Gloucestershire | 60.2 | 59.7 | 0.5 |
| | South West | 55.6 | 49.7 | 5.9 |
| | England+ | 55.5 | 54.1 | 1.4 |
| 2011 | Gloucestershire | 63.0 | 58.3 | 4.7 |
| | South West | 58.1 | 50.4 | 7.7 |
| | England | 58.5 | 57.5 | 1.0 |
| 2012 | Gloucestershire | 62.6 | 52.1 | 10.5 |
| | South West | 57.8 | 49.6 | 8.2 |
| | England | 59.2 | 58.1 | 1.1 |
| 2013 | Gloucestershire | 62.1 | 52.5 | 9.6 |
| | South West | 59.7 | 52.5 | 7.2 |
| | England | 60.9 | 60.2 | 0.7 |
| 2014** | Gloucestershire | 61.1 | 52.9 | 8.2 |
| | South West | 56.9 | 53.6 | 3.3 |
| | England | 56.9 | 56.5 | 0.4 |

2.3 Free School Meals (FSM) gaps

The outcomes for pupils eligible for FSM are generally lower than those pupils that are not eligible. The gap tends to be wider in Gloucestershire compared to regionally and nationally and is the smallest at KS1.

The attainment gap at EYFSP as portrayed in Table 21 between for those pupils who are eligible for FSM and those pupils who are not is the largest in Gloucestershire at 25 percentage points compared to 21 percentage points in the South West and 19 percentage points in England.

³⁷ DfE SfR 50/2014

³⁸ DfE SfR 06/2015

+ The England, region and local authority figures do not include pupils recently arrived from overseas

** Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

Table 21: Percentage achieving a GLD by eligibility for Free School Meals: 2014³⁹⁴⁰

| EYFSP | Percentage achieving a GLD: by eligibility for FSM: 2014 | | |
|-----------------|--|---|-----|
| | All other pupils | Pupils known to be eligible for free school meals | Gap |
| Gloucestershire | 60 | 35 | 25 |
| South West | 65 | 44 | 21 |
| England | 64 | 45 | 19 |

A 21 percentage point gap exists between pupils eligible for FSM at 56% and non eligible pupils at 77% who achieve the expected standard in the phonics test as depicted in Table 22. This is larger than the regional and national gap of 18 and 16 percentage points respectively.

Table 22: Percentage meeting the expected standard of phonic decoding by eligibility for FSM: 2014⁴¹

| Phonics | Percentage meeting the expected standard of phonic decoding: 2014 | | |
|-----------------|---|---|-----|
| | All other pupils | Pupils known to be eligible for free school meals | Gap |
| Gloucestershire | 77 | 56 | 21 |
| South West | 77 | 59 | 18 |
| England | 77 | 61 | 16 |

At KS1 in 2014 in Gloucestershire the gap between pupils eligible for FSM and other pupils is the largest in Writing at 19 percentage points and the smallest at 13 percentage points for Mathematics as shown in Table 23. This is also reflected to a slightly lesser extent regionally and nationally.

Table 23: Percentage of pupils achieving Level 2 or above⁴² in KS1 teacher assessments by Free School Meal eligibility⁴³

| KS1 | Percentage of pupils achieving level 2+ by free school meal eligibility: 2014 | | |
|-----------------|---|------------------|-----|
| | Pupils known to be eligible for free school meals | All other pupils | Gap |
| | | Reading | |
| Gloucestershire | 75 | 91 | 16 |
| South West | 79 | 92 | 13 |
| England | 80 | 92 | 12 |
| Writing | | | |
| Gloucestershire | 70 | 89 | 19 |
| South West | 73 | 89 | 16 |
| England | 75 | 89 | 14 |
| Mathematics | | | |
| Gloucestershire | 81 | 94 | 13 |
| South West | 84 | 94 | 10 |
| England | 85 | 94 | 9 |
| Science | | | |
| Gloucestershire | 75 | 92 | 17 |
| South West | 82 | 93 | 11 |
| England | 82 | 92 | 10 |

³⁹ DfE SfR 46/2014

⁴⁰ Includes pupils not eligible for FSM and for whom FSM eligibility was unclassified or could not be determined.

⁴¹ DfE SfR 34/2014

⁴² Level 2 is the expected level of achievement for pupils at the end of KS1

⁴³ DfE SfR 34/2014

According to Table 24, KS2 results for RWM at L4+ in Gloucestershire have continued to improve for pupils who are eligible for FSM and at 62% were 3 percentage points up on 2013, they were however, 2 percentage points below the national average.

Table 24: Achievement at KS2 in Reading test, Writing teacher assessments and Mathematics test by eligibility for FSM⁴⁴

| KS2 | Percentage achieving L4+ in RWM by eligibility for FSM | | | | | |
|-----------------|--|------|------|------------------|------|------|
| | Pupils known to be eligible for free school meals | | | All other pupils | | |
| | 2012 | 2013 | 2014 | 2012 | 2013 | 2014 |
| Gloucestershire | 56 | 59 | 62 | 80 | 82 | 84 |
| South West | 55 | 56 | 59 | 78 | 79 | 82 |
| England | 59 | 60 | 64 | 78 | 79 | 82 |

The gap in the percentage achieving 5+ A*-C grades including English and Mathematics by eligibility for FSM and the rest of the cohort appears to be relatively consistent at around 30% at KS4 as reflected in Table 25. It is also slightly larger in Gloucestershire compared with the region and nationally.

Table 25: Percentage achieving 5+ A*-C grades including English and Mathematics by eligibility for FSM⁴⁵

| KS4 | % achieving 5+ A*-C inc. English & maths | | | |
|--------|--|---|------|------|
| | All other Pupils | Pupils known to be eligible for free school meals | Gap | |
| 2010 | Gloucestershire | 62.4 | 27.8 | 34.6 |
| | South West | 58.1 | 27.2 | 30.9 |
| | England+ | 59.0 | 31.4 | 27.6 |
| 2011 | Gloucestershire | 65.7 | 30.0 | 35.7 |
| | South West | 60.8 | 29.1 | 31.7 |
| | England | 62.2 | 34.7 | 27.5 |
| 2012 | Gloucestershire | 64.6 | 32.0 | 32.6 |
| | South West | 60.4 | 30.9 | 29.5 |
| | England | 62.8 | 36.5 | 26.3 |
| 2013 | Gloucestershire | 64.2 | 33.9 | 30.3 |
| | South West | 62.6 | 32.2 | 30.4 |
| | England | 64.8 | 38.1 | 26.7 |
| 2014** | Gloucestershire | 63.3 | 30.7 | 32.6 |
| | South West | 59.8 | 29.3 | 30.5 |
| | England | 60.7 | 33.7 | 27.0 |

2.4 Special Educational Needs (SEN) gaps

Outcomes for pupils with SEN are lower than for any other vulnerable group in Gloucestershire and lower than the regional and national comparators at all stages apart from KS2 in RWM. The picture is the same for pupils at School Action, School Action Plus and pupils with a statement of SEN. Regarding the latter however, the comparative performance is better at KS4.

⁴⁴ DfE SfR 50/2014

⁴⁵ DfE SfR 06/2015

+ The England, region and local authority figures do not include pupils recently arrived from overseas

** Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

In terms of difference in outcome for pupils with and without SEN the gap was wider in Gloucestershire than for the regional and national comparators apart from KS2 in RWM. The gap is widest at KS4 although this has reduced over the last five years and is narrowest at KS1.

With regard to the EYFSP the proportion of pupils with no identified SEN who achieved a GLD was at 61% some 47 percentage points higher than the proportion of pupils with SEN but without a statement at 14% as shown in Table 26.

Table 26: Percentage achieving a GLD by SEN provision 2014⁴⁶⁴⁷

| EYFSP | Percentage achieving a GLD by SEN provision: 2014 | | | | | | | | | |
|-----------------|---|-------------------------|------------------------------|---|--------------------------------|------------|--|--|---|---|
| | Pupils with no identified SEN | Pupils at School Action | Pupils at School Action Plus | Pupils with SEN but without a statement | Pupils with a statement of SEN | All pupils | Gap Pupils with no SEN & Pupils with SEN without statement | Gap Pupils with no SEN & Pupils at School Action | Gap Pupils with no SEN & Pupils at School Action Plus | Gap Pupils with no SEN & Pupils with a statement of SEN |
| Gloucestershire | 61 | 12 | 15 | 14 | x | 57 | 47 | 49 | 46 | x |
| South West | 67 | 25 | 23 | 24 | 4 | 62 | 43 | 42 | 44 | 63 |
| England | 66 | 23 | 19 | 21 | 3 | 60 | 45 | 43 | 47 | 63 |

x= Figures not shown in order to protect confidentiality

In Gloucestershire in 2014 the proportion of pupils with no identified SEN who achieved the expected standard of phonic decoding was at 83% some 48 percentage points higher than the proportion of pupils with SEN but without a statement. A similar but smaller attainment gap at 41 percentage points was reflected by the South West and England average as shown in Table 27. A similar picture was evident for pupils at School Action and School Action Plus. The gap between pupils with no SEN and those pupils with a statement of SEN was the widest at 70 percentage points in Gloucestershire which was also some 6 percentage points below the regional and national gaps.

Table 27: Percentage meeting the expected standard of phonic decoding by SEN: 2014⁴⁸

| Phonics | Percentage meeting the expected standard of phonic decoding: 2014 | | | | | | | | | |
|-----------------|---|-------------------------|------------------------------|---|--------------------------------|------------|--|--|---|---|
| | Pupils with no identified SEN | Pupils at School Action | Pupils at School Action Plus | Pupils with SEN but without a statement | Pupils with a statement of SEN | All pupils | Gap Pupils with no SEN & Pupils with SEN without statement | Gap Pupils with no SEN & Pupils at School Action | Gap Pupils with no SEN & Pupils at School Action Plus | Gap Pupils with no SEN & Pupils with a statement of SEN |
| Gloucestershire | 83 | 34 | 36 | 35 | 13 | 75 | 48 | 49 | 47 | 70 |
| South West | 81 | 42 | 39 | 40 | 17 | 74 | 41 | 39 | 42 | 64 |
| England | 81 | 41 | 39 | 40 | 17 | 74 | 41 | 40 | 42 | 64 |

Table 28 shows that in 2014 the gap between pupils with and without SEN was the widest for Writing and the narrowest for Mathematics at KS1 which was also the case at regional and national level. In terms of pupils at School Action and School Action Plus and those pupils with no SEN the gap was wider at County level compared to regionally and nationally in the former case. In terms of pupils with a statement of SEN and those without SEN the gap was widest for Writing and Science and above the regional and national averages. Only in Reading the gap at 70 percentage points was below the English average.

⁴⁶ DfE SfR 46/2014

⁴⁷ SEN without a Statement is comprised of School Action and School Action Plus

⁴⁸ DfE SfR 34/2014

Table 28: Percentage of pupils achieving Level 2 or above⁴⁹ in KS1 teacher assessments by SEN provision: 2014

| KS1 | Percentage of pupils achieving Level 2+ by SEN provision: 2014 | | | | | | | | |
|-----------------|--|-------------------------|------------------------------|---|--------------------------------|--|--|---|---|
| | Pupils with no identified SEN | Pupils at School Action | Pupils at School Action Plus | Pupils with SEN but without a statement | Pupils with a statement of SEN | Gap Pupils with no SEN & Pupils with SEN without statement | Gap Pupils with no SEN & Pupils at School Action | Gap Pupils with no SEN & Pupils at School Action Plus | Gap Pupils with no SEN & Pupils with a statement of SEN |
| | Reading | | | | | | | | |
| Gloucestershire | 97 | 62 | 55 | 60 | 27 | 37 | 35 | 42 | 70 |
| South West | 97 | 69 | 58 | 65 | 29 | 32 | 28 | 39 | 68 |
| England | 97 | 69 | 57 | 64 | 25 | 33 | 28 | 40 | 72 |
| Writing | | | | | | | | | |
| Gloucestershire | 95 | 54 | 44 | 51 | 20 | 44 | 41 | 51 | 75 |
| South West | 95 | 58 | 47 | 54 | 21 | 41 | 37 | 48 | 74 |
| England | 94 | 58 | 47 | 54 | 19 | 40 | 36 | 47 | 75 |
| Mathematics | | | | | | | | | |
| Gloucestershire | 98 | 74 | 61 | 71 | 26 | 27 | 24 | 37 | 72 |
| South West | 98 | 79 | 67 | 74 | 30 | 24 | 19 | 31 | 68 |
| England | 98 | 78 | 65 | 73 | 28 | 25 | 20 | 33 | 70 |
| Science | | | | | | | | | |
| Gloucestershire | 97 | 68 | 59 | 66 | 22 | 31 | 29 | 38 | 75 |
| South West | 97 | 76 | 66 | 73 | 28 | 24 | 21 | 31 | 69 |
| England | 97 | 74 | 62 | 69 | 25 | 28 | 23 | 35 | 72 |

At KS2 Table 29 shows that the achievement of pupils identified with SEN for RWM at Level 4 and above in Gloucestershire improved by 2% to 41% in 2014. In terms of the difference in outcomes between pupils with identified SEN and those without SEN, the gap was slightly wider than at regional and national level and had slightly reduced by 1% since last year and 3% since 2012.

The same is true for the pupils at School Action and School Action Plus. The gap between pupils with no SEN and pupils with a statement of SEN appeared to reduce by 3 percentage points from 2012 to 2014 and in the latter year was some 4 percentage points below the national average.

Table 29: Achievement at KS2 in Reading test, Writing teacher assessments and Mathematics test by SEN⁵⁰

| KS2 | Percentage achieving L4+ in RWM by SEN provision | | | | | | | | | |
|------|--|-------------------------|------------------------------|---|--------------------------------|--|--|---|--|----|
| | Pupils with no identified SEN | Pupils at School Action | Pupils at School Action Plus | Pupils with SEN but without a statement | Pupils with a statement of SEN | Gap Pupils with no SEN & Pupils with SEN without statement | Gap Pupils with no SEN & Pupils at School Action | Gap Pupils with no SEN & Pupils at School Action Plus | Gap Pupils with no SEN & Pupils with a statement | |
| 2012 | Gloucestershire | 90 | 38 | 24 | 36 | 16 | 54 | 52 | 66 | 74 |
| | South West | 88 | 38 | 28 | 35 | 14 | 53 | 50 | 60 | 74 |
| | England | 88 | 41 | 29 | 36 | 13 | 52 | 47 | 59 | 75 |
| 2013 | Gloucestershire | 91 | 40 | 35 | 39 | 17 | 52 | 51 | 56 | 74 |
| | South West | 88 | 40 | 33 | 38 | 15 | 50 | 48 | 55 | 73 |
| | England | 88 | 42 | 31 | 38 | 14 | 50 | 46 | 57 | 74 |
| 2014 | Gloucestershire | 92 | 43 | 33 | 41 | 21 | 51 | 49 | 59 | 71 |
| | South West | 90 | 44 | 34 | 40 | 16 | 50 | 46 | 56 | 74 |
| | England | 90 | 47 | 36 | 42 | 15 | 48 | 43 | 54 | 75 |

⁴⁹ DfE SfR 34/2014

⁵⁰ DfE SfR 50/2014

At KS4 the outcomes for pupils with SEN compared to pupils without SEN has improved from 17% since 2010 to 24% in 2013. However, although these results remain below the regional and national average the gap has been closing as outlined in Table 30.

At KS4 the gap between pupils with and without SEN, although wider for Gloucestershire compared to the South West and England did reduce over the last four years. The difference in outcomes for pupils with no SEN and pupils at School Action and School Action Plus was similar with the latter reflecting a slightly narrower gap between County, regional and national comparators. For pupils without SEN and pupils with a statement of SEN the gap in attainment not only decreased between 2010 and 2013 from 63.1 percentage points to 59.8 percentage points but also fell below the national average. The 2014 figures are not comparable as they are based on a revised methodology.

Table 30: Percentage achieving 5+ A*-C grades including English and Mathematics by SEN provision⁵¹

| KS4 | | % achieving 5+ A*-C inc. English & maths | | | | | | | | |
|--------|-----------------|--|-------------------------|------------------------------|---|--------------------------------|--|--|---|---|
| | | Pupils with no identified SEN | Pupils at School Action | Pupils at School Action Plus | Pupils with SEN but without a statement | Pupils with a statement of SEN | Gap Pupils with no SEN & Pupils with SEN without statement | Gap Pupils with no SEN & Pupils at School Action | Gap Pupils with no SEN & Pupils at School Action Plus | Gap Pupils with no SEN & Pupils with a statement of SEN |
| 2010 | Gloucestershire | 71.1 | 16.6 | 18.7 | 17.0 | 8.0 | 54.1 | 54.5 | 52.4 | 63.1 |
| | South West | 65.6 | 26.7 | 14.7 | 23.3 | 7.8 | 42.3 | 38.9 | 50.9 | 57.8 |
| | England+ | 66.8 | 25.9 | 17.1 | 22.9 | 7.3 | 43.9 | 40.9 | 49.7 | 59.5 |
| 2011 | Gloucestershire | 73.0 | 20.4 | 18.5 | 20.1 | 9.2 | 52.9 | 52.6 | 54.5 | 63.8 |
| | South West | 68.3 | 28.2 | 16.8 | 25.1 | 9.2 | 43.2 | 40.1 | 51.5 | 59.1 |
| | England | 69.8 | 27.6 | 19.3 | 24.8 | 8.5 | 45.0 | 42.2 | 50.5 | 61.3 |
| 2012 | Gloucestershire | 70.7 | 21.3 | 15.3 | 20.3 | 9.3 | 50.4 | 49.4 | 55.4 | 61.4 |
| | South West | 67.5 | 26.0 | 17.1 | 23.4 | 7.8 | 44.1 | 41.5 | 50.4 | 59.7 |
| | England | 69.6 | 27.8 | 20.5 | 25.3 | 8.4 | 44.3 | 41.8 | 49.1 | 61.2 |
| 2013 | Gloucestershire | 69.8 | 24.5 | 19.5 | 23.8 | 10.0 | 46.0 | 45.3 | 50.3 | 59.8 |
| | South West | 68.7 | 26.7 | 19.8 | 24.7 | 9.8 | 44.0 | 42.0 | 48.9 | 58.9 |
| | England | 70.7 | 28.5 | 22.5 | 26.4 | 9.5 | 44.3 | 42.2 | 48.2 | 61.2 |
| 2014** | Gloucestershire | 68.1 | 21.5 | 21.0 | 21.4 | 8.1 | 46.7 | 46.6 | 47.1 | 60.0 |
| | South West | 65.7 | 23.7 | 19.2 | 22.4 | 7.8 | 43.3 | 42.0 | 46.5 | 57.9 |
| | England | 65.7 | 25.0 | 20.8 | 23.5 | 8.0 | 42.2 | 40.7 | 44.9 | 57.7 |

3. Gender Differences

Girls outperform boys at all levels with the exception of Mathematics at KS2. On the whole outcomes are higher than but tend to compare quite closely too regional and national comparators.

The gender gap⁵² is widest at EYFSP and then reduces at KS1 and KS2 before increasing at KS4. Generally, over the last five years the gap has widened at KS1 across all subjects whereas the opposite is the case for most subjects at KS2.

At EYFS the gender gap is quite marked with girls outperforming boys by 16 percentage points in those achieving a GLD as shown in Table 31. This is also reflected at regional and national level with a slight decrease in Gloucestershire in 2014.

⁵¹ DfE SfR 06/2015

+ The England, region and local authority figures do not include pupils recently arrived from overseas

** Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

⁵² The gender gap is calculated as girls' outcomes minus boys' outcomes. A positive gap indicates that girls' outcomes were better than boys' outcomes

Table 31: Gender gap in children achieving at least the expected level in the prime areas of learning and in the specific areas of literacy and numeracy⁵³

| EYFSP | | A Good Level of Development | |
|-----------------------------|-----------------|-----------------------------|------|
| | | 2013 | 2014 |
| Girls % | Gloucestershire | 60 | 65 |
| | South West | 64 | 70 |
| | England | 60 | 69 |
| Boys % | Gloucestershire | 44 | 50 |
| | South West | 48 | 55 |
| | England | 44 | 52 |
| Percentage point gender gap | Gloucestershire | 16 | 15 |
| | South West | 16 | 16 |
| | England | 16 | 16 |

A similar but less pronounced picture is evident for the phonics tests as shown in Table 32. The gap has reduced at County and regional level and both are slightly below the national result.

Table 32: Gender gap for Year 1 Phonics Screening Check⁵⁴

| Phonics | | Phonics Screening Check: Year 1 Gender Gap | | |
|-----------------------------|-----------------|--|------|------|
| | | 2012 | 2013 | 2014 |
| Girls % | Gloucestershire | 65 | 76 | 78 |
| | South West | 63 | 75 | 78 |
| | England | 62 | 73 | 78 |
| Boys % | Gloucestershire | 58 | 68 | 72 |
| | South West | 55 | 66 | 71 |
| | England | 54 | 65 | 70 |
| Percentage point gender gap | Gloucestershire | 7 | 8 | 6 |
| | South West | 8 | 9 | 7 |
| | England | 8 | 8 | 8 |

At KS1 Girls outperform boys at all subjects. Most significant is the increase in gap experienced in Mathematics and Science in 2014 as shown in Table 33 which is not reflected regionally or nationally. At KS1 the largest difference between the genders occurs in Writing where the gap has widened slightly in Gloucestershire to 11 percentage points and to 10 percentage points in the South West but reduced nationally. The gap is also larger for Gloucestershire than the South West and England in 2014.

⁵³ DfE SfR 39/2014 & 46/2014

⁵⁴ DfE SfR 34/2014

Table 33: Gender gap for pupils achieving Level 2 or above⁵⁵ in KS1 assessments⁵⁶

| KS1 | | | Percentage of pupils achieving Level 2+ | | | | |
|----------------------|-----------------------------|-----------------|---|------|------|------|------|
| | | | 2010 | 2011 | 2012 | 2013 | 2014 |
| Reading | Girls % | Gloucestershire | 90 | 91 | 91 | 92 | 93 |
| | | South West | 89 | 89 | 91 | 92 | 93 |
| | | England | 89 | 89 | 90 | 92 | 93 |
| | Boys % | Gloucestershire | 84 | 83 | 85 | 86 | 85 |
| | | South West | 81 | 82 | 84 | 87 | 87 |
| | | England | 81 | 82 | 84 | 86 | 87 |
| | Percentage point gender gap | Gloucestershire | 6 | 8 | 6 | 6 | 8 |
| | | South West | 8 | 7 | 7 | 5 | 6 |
| | | England | 8 | 7 | 6 | 6 | 6 |
| Writing | Girls % | Gloucestershire | 88 | 89 | 90 | 90 | 92 |
| | | South West | 87 | 88 | 89 | 90 | 92 |
| | | England | 87 | 87 | 88 | 90 | 91 |
| | Boys % | Gloucestershire | 79 | 78 | 81 | 80 | 81 |
| | | South West | 76 | 76 | 79 | 81 | 82 |
| | | England | 75 | 76 | 78 | 80 | 82 |
| | Percentage point gender gap | Gloucestershire | 9 | 11 | 9 | 10 | 11 |
| | | South West | 11 | 12 | 10 | 9 | 10 |
| | | England | 12 | 11 | 10 | 10 | 9 |
| Speaking & Listening | Girls % | Gloucestershire | - | 92 | 92 | 92 | 94 |
| | | South West | - | 91 | 92 | 93 | 93 |
| | | England | - | 91 | 91 | 92 | 92 |
| | Boys % | Gloucestershire | - | 86 | 87 | 86 | 86 |
| | | South West | - | 85 | 86 | 87 | 87 |
| | | England | - | 84 | 85 | 86 | 87 |
| | Percentage point gender gap | Gloucestershire | - | 6 | 5 | 6 | 8 |
| | | South West | - | 6 | 6 | 6 | 6 |
| | | England | - | 7 | 6 | 6 | 5 |
| Mathematics | Girls % | Gloucestershire | 92 | 92 | 92 | 92 | 95 |
| | | South West | 92 | 92 | 93 | 93 | 94 |
| | | England | 91 | 91 | 92 | 93 | 93 |
| | Boys % | Gloucestershire | 90 | 90 | 90 | 90 | 90 |
| | | South West | 89 | 89 | 90 | 91 | 92 |
| | | England | 88 | 88 | 89 | 90 | 91 |
| | Percentage point gender gap | Gloucestershire | 2 | 2 | 2 | 2 | 5 |
| | | South West | 3 | 3 | 3 | 2 | 2 |
| | | England | 3 | 3 | 3 | 3 | 2 |
| Science | Girls % | Gloucestershire | 91 | 91 | 92 | 91 | 92 |
| | | South West | 91 | 91 | 92 | 93 | 93 |
| | | England | 90 | 90 | 91 | 92 | 92 |
| | Boys % | Gloucestershire | 88 | 88 | 90 | 88 | 87 |
| | | South West | 89 | 88 | 89 | 90 | 90 |
| | | England | 87 | 87 | 88 | 88 | 89 |
| | Percentage point gender gap | Gloucestershire | 3 | 3 | 2 | 3 | 5 |
| | | South West | 2 | 3 | 3 | 3 | 3 |
| | | England | 3 | 3 | 3 | 4 | 3 |

According to Table 34 outcomes at KS2 across all subjects at Level 4 and above for Gloucestershire are better than the regional and national comparators. The gender gap also decreased across all subjects. Notably although the gap is small, boys have outperformed girls for the first time in Mathematics since 2011. The largest gender gap appeared for Grammar, punctuation and Spelling at 10 percentage points for Gloucestershire in 2014.

⁵⁵ Level 2 is the expected level of achievement for pupils at the end of key stage 1

⁵⁶ DfE SfR 21/2012 & 34/2014

Table 34: Percentage of pupils achieving Level 4 or above in Key Stage 2 tests⁵⁷

| KS2 | | | Percentage of pupils achieving L4+ | | | | |
|---|-----------------------------|-----------------|------------------------------------|------|------|------|------|
| | | | 2010 | 2011 | 2012 | 2013 | 2014 |
| Reading | Girls % | Gloucestershire | 91 | 90 | 92 | 91 | 93 |
| | | South West | 88 | 88 | 90 | 89 | 91 |
| | | England | 87 | 88 | 90 | 88 | 91 |
| | Boys % | Gloucestershire | 85 | 84 | 86 | 86 | 90 |
| | | South West | 82 | 81 | 85 | 84 | 88 |
| | | England | 80 | 80 | 84 | 83 | 87 |
| | Percentage point gender gap | Gloucestershire | 6 | 6 | 6 | 5 | 3 |
| | | South West | 6 | 7 | 5 | 5 | 3 |
| | | England | 7 | 8 | 6 | 5 | 4 |
| Writing | Girls % | Gloucestershire | 82 | 84 | 89 | 91 | 91 |
| | | South West | 79 | 81 | 87 | 89 | 91 |
| | | England | 78 | 82 | 87 | 89 | 90 |
| | Boys % | Gloucestershire | 68 | 75 | 79 | 81 | 84 |
| | | South West | 64 | 69 | 76 | 79 | 81 |
| | | England | 63 | 69 | 76 | 79 | 81 |
| | Percentage point gender gap | Gloucestershire | 14 | 9 | 10 | 10 | 7 |
| | | South West | 15 | 12 | 11 | 10 | 10 |
| | | England | 15 | 13 | 11 | 10 | 9 |
| English | Girls % | Gloucestershire | 89 | 89 | 92 | 93 | 93 |
| | | South West | 86 | 87 | 90 | 91 | 92 |
| | | England | 85 | 86 | 89 | 90 | 92 |
| | Boys % | Gloucestershire | 80 | 82 | 85 | 84 | 87 |
| | | South West | 77 | 78 | 82 | 84 | 85 |
| | | England | 75 | 77 | 82 | 83 | 85 |
| | Percentage point gender gap | Gloucestershire | 9 | 7 | 7 | 9 | 6 |
| | | South West | 9 | 9 | 8 | 7 | 7 |
| | | England | 10 | 9 | 7 | 7 | 7 |
| Mathematics | Girls % | Gloucestershire | 82 | 82 | 87 | 87 | 87 |
| | | South West | 80 | 80 | 85 | 85 | 86 |
| | | England | 79 | 80 | 84 | 85 | 86 |
| | Boys % | Gloucestershire | 82 | 83 | 86 | 86 | 89 |
| | | South West | 81 | 81 | 85 | 84 | 86 |
| | | England | 79 | 81 | 84 | 85 | 86 |
| | Percentage point gender gap | Gloucestershire | 0 | -1 | 1 | 1 | -2 |
| | | South West | -1 | -1 | 0 | 1 | 0 |
| | | England | 0 | -1 | 0 | 0 | 0 |
| Science | Girls % | Gloucestershire | 89 | 88 | 91 | 91 | 92 |
| | | South West | 87 | 87 | 89 | 90 | 91 |
| | | England | 86 | 86 | 88 | 89 | 90 |
| | Boys % | Gloucestershire | 86 | 86 | 88 | 88 | 90 |
| | | South West | 85 | 85 | 86 | 88 | 88 |
| | | England | 84 | 83 | 85 | 86 | 87 |
| | Percentage point gender gap | Gloucestershire | 3 | 2 | 3 | 3 | 2 |
| | | South West | 2 | 2 | 3 | 2 | 3 |
| | | England | 2 | 3 | 3 | 3 | 3 |
| Grammar, punctuation and Spelling | Girls % | Gloucestershire | | | | 82 | 84 |
| | | South West | | | | 79 | 81 |
| | | England | | | | 79 | 82 |
| | Boys % | Gloucestershire | | | | 71 | 74 |
| | | South West | | | | 68 | 70 |
| | | England | | | | 69 | 72 |
| | Percentage point gender gap | Gloucestershire | | | | 11 | 10 |
| | | South West | | | | 11 | 11 |
| | | England | | | | 10 | 10 |
| Reading, Writing and Mathematics | Girls % | Gloucestershire | 74 | 75 | 82 | 83 | 83 |
| | | South West | 70 | 72 | 79 | 80 | 82 |
| | | England | 70 | 72 | 79 | 79 | 82 |
| | Boys % | Gloucestershire | 64 | 70 | 74 | 75 | 79 |
| | | South West | 59 | 63 | 71 | 72 | 76 |
| | | England | 59 | 62 | 71 | 72 | 76 |
| | Percentage point gender gap | Gloucestershire | 10 | 5 | 8 | 8 | 4 |
| | | South West | 11 | 9 | 8 | 8 | 6 |
| | | England | 11 | 10 | 8 | 7 | 6 |

Table 35 provides a summary of the gender gap at Level 4 and above, Level 4B and above and Level 5 and above at KS2. The gender gap in Gloucestershire not only decreased at all levels but subsequently did not perform as well as the region or nationally in 2014.

Table 35: Attainment at Key Stage 2 in reading Test, writing TA and mathematics test⁵⁸

| KS2 | | Percentage of pupils achieving L4+, L4B+ & L5+ | | | | | | | |
|-----------------------------|-----------------|--|------|------|-------|------|------|------|------|
| | | %L4+ | | | %L4B+ | | %L5+ | | |
| | | 2012 | 2013 | 2014 | 2013 | 2014 | 2012 | 2013 | 2014 |
| Girls % | Gloucestershire | 82 | 83 | 83 | 70 | 71 | 28 | 29 | 29 |
| | South West | 79 | 80 | 82 | 66 | 69 | 24 | 25 | 26 |
| | England | 79 | 79 | 82 | 65 | 69 | 23 | 25 | 27 |
| Boys % | Gloucestershire | 74 | 75 | 79 | 66 | 69 | 21 | 22 | 24 |
| | South West | 71 | 72 | 76 | 61 | 65 | 17 | 18 | 20 |
| | England | 71 | 72 | 76 | 61 | 65 | 17 | 18 | 20 |
| Percentage point gender gap | Gloucestershire | 8 | 8 | 4 | 4 | 2 | 7 | 7 | 5 |
| | South West | 8 | 8 | 6 | 5 | 4 | 7 | 7 | 6 |
| | England | 8 | 7 | 6 | 4 | 4 | 6 | 7 | 7 |

At KS4 outcomes are better in Gloucestershire than regionally and nationally according to Table 36 with a gender gap amounting to 10 percentage points at 5+ A*- C including English & Mathematics GCSEs and 12% 5+ A*-C GCSEs in 2014.

Table 36 Achievements at GCSE and equivalent for pupils at the end of Key Stage 4⁵⁹

| KS4 | | Percentage of pupils at the end of KS4 | | | | | |
|--|-----------------------------|--|------|------|------|--------|----|
| | | 2010 | 2011 | 2012 | 2013 | 2014** | |
| 5+ A*-C inc. English & Mathematics GCSEs | Girls | Gloucestershire | 64 | 67 | 67 | 67 | 66 |
| | | South West | 60 | 62 | 63 | 65 | 62 |
| | | England+ | 59 | 62 | 64 | 66 | 62 |
| | Boys | Gloucestershire | 57 | 59 | 58 | 57 | 56 |
| | | South West | 52 | 54 | 53 | 54 | 51 |
| | | England | 52 | 55 | 54 | 56 | 52 |
| | Percentage point gender gap | Gloucestershire | 7 | 9 | 10 | 9 | 10 |
| | | South West | 8 | 8 | 10 | 11 | 11 |
| | | England | 7 | 7 | 10 | 10 | 10 |
| 5+ A*-C GCSEs | Girls | Gloucestershire | 79 | 83 | 86 | 86 | 76 |
| | | South West | 77 | 81 | 84 | 84 | 73 |
| | | England | 80 | 84 | 87 | 87 | 72 |
| | Boys | Gloucestershire | 73 | 76 | 79 | 80 | 64 |
| | | South West | 69 | 72 | 76 | 76 | 60 |
| | | England | 73 | 77 | 80 | 80 | 60 |
| | Percentage point gender gap | Gloucestershire | 6 | 7 | 7 | 6 | 12 |
| | | South West | 8 | 9 | 8 | 8 | 13 |
| | | England | 7 | 7 | 7 | 7 | 12 |

In terms of Level 3 outcomes girls again outperform boys reflected by a relatively large gender gap which is considerably larger for Gloucestershire than regionally or nationally as depicted in Table 37.

Regarding the percentage of students achieving at least 2 substantial level 3 qualifications also shown in Table 37, although the outcomes are high and also better than the South West and England the gender gap decreased to the point where boys marginally outperformed girls in 2014. The same picture applies for students achieving 3A-A* grades or better with the gap widened in favour of the boys performance.

⁵⁸ DfE SfR 50/2014

⁵⁹ DfE SfR 06/2015

** Figures for 2013/14 are based on the new 2014 methodology and therefore not comparable with previous years

+ The England, region and local authority figures do not include pupils recently arrived from overseas

Table 37: Level 3 achievements⁶⁰

| KS5 | | | A level and level 3 results | | | | |
|--|-----------------------------|-----------------|-----------------------------|-------|-------|-------|-------|
| | | | 2010 | 2011 | 2012 | 2013 | 2014 |
| Average point score by students achieving all Level 3 qualifications: Per student | Girls | Gloucestershire | 790.2 | 800.5 | 786.3 | 780.8 | 773.6 |
| | | South West | 737.9 | 744.6 | 723.8 | 722.7 | 703.9 |
| | | England | 759.5 | 759.4 | 747.2 | 740.3 | 731.2 |
| | Boys | Gloucestershire | 763.7 | 764.8 | 742.3 | 741.4 | 727.9 |
| | | South West | 716.7 | 712.4 | 701.1 | 689.7 | 671.3 |
| | | England | 728.1 | 730.7 | 717.0 | 706.4 | 694.7 |
| | Percentage point gender gap | Gloucestershire | 26.5 | 35.7 | 44.0 | 39.4 | 45.7 |
| | | South West | 21.2 | 32.2 | 22.7 | 33.0 | 32.6 |
| | | England | 31.4 | 28.7 | 30.2 | 33.9 | 36.5 |
| Average point score by students achieving all Level 3 qualifications: Per entry | Girls | Gloucestershire | 222.9 | 223.2 | 219.5 | 219.7 | 220.3 |
| | | South West | 217.4 | 219.1 | 214.8 | 217.1 | 217.0 |
| | | England | 217.6 | 219.3 | 216.3 | 217.4 | 218.2 |
| | Boys | Gloucestershire | 214.2 | 216.4 | 210.5 | 210.7 | 212.6 |
| | | South West | 209.2 | 210.3 | 206.0 | 207.1 | 208.3 |
| | | England | 210.8 | 212.7 | 208.7 | 209.6 | 210.4 |
| | Percentage point gender gap | Gloucestershire | 8.7 | 6.8 | 9.0 | 9.0 | 7.7 |
| | | South West | 8.2 | 8.8 | 8.8 | 10.0 | 8.7 |
| | | England | 6.8 | 6.6 | 7.6 | 7.8 | 7.8 |
| Percentage of students achieving at least 2 substantial level 3 qualifications | Girls | Gloucestershire | 96 | 96 | 96 | 94 | 92 |
| | | South West | 95 | 94 | 92 | 92 | 89 |
| | | England | 96 | 94 | 93 | 92 | 91 |
| | Boys | Gloucestershire | 96 | 96 | 96 | 95 | 93 |
| | | South West | 94 | 95 | 95 | 93 | 90 |
| | | England | 94 | 94 | 94 | 92 | 90 |
| | Percentage point gender gap | Gloucestershire | 0 | 0 | 0 | 0 | -1 |
| | | South West | 0 | -1 | -2 | -1 | 0 |
| | | England | 2 | 0 | 0 | 0 | 1 |
| Percentage of students achieving 3 A*-A grades or better at level or Applied single/double award A level | Girls | Gloucestershire | 13 | 12 | 13 | 13 | 13 |
| | | South West | 10 | 11 | 10 | 10 | 10 |
| | | England | 13 | 13 | 13 | 12 | 11 |
| | Boys | Gloucestershire | 12 | 14 | 13 | 14 | 15 |
| | | South West | 10 | 10 | 11 | 11 | 11 |
| | | England | 13 | 13 | 13 | 13 | 13 |
| | Percentage point gender gap | Gloucestershire | 1 | -2 | -1 | -1 | -2 |
| | | South West | 0 | 0 | -1 | -1 | -1 |
| | | England | 0 | -1 | -1 | -1 | -1 |

4. District summaries

4.1 Overview

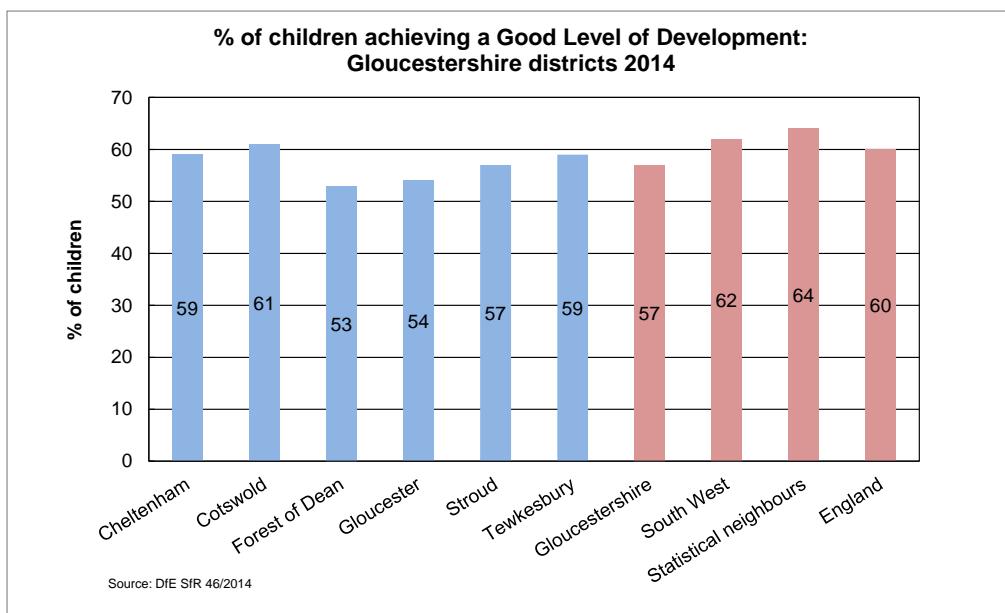
Apart from Key Stage 1 results at district level are based on school location rather than pupil residence location.

Outcomes vary across districts but generally appear to be the lowest in the Forest of Dean and Gloucester districts. However, as described below, these districts have also experienced areas of improvement in the last five years.

In relation to the EYFSP the best performing districts in 2014 appeared to be Cotswold, Cheltenham and Tewkesbury as indicated in Figure 2. Apart from Cheltenham all districts fell below the national average with Gloucester and the Forest of Dean faring the worst.

⁶⁰ DfE SfR 02/2011, 01/2012, 05/2013, 02/2014 & 03/2015

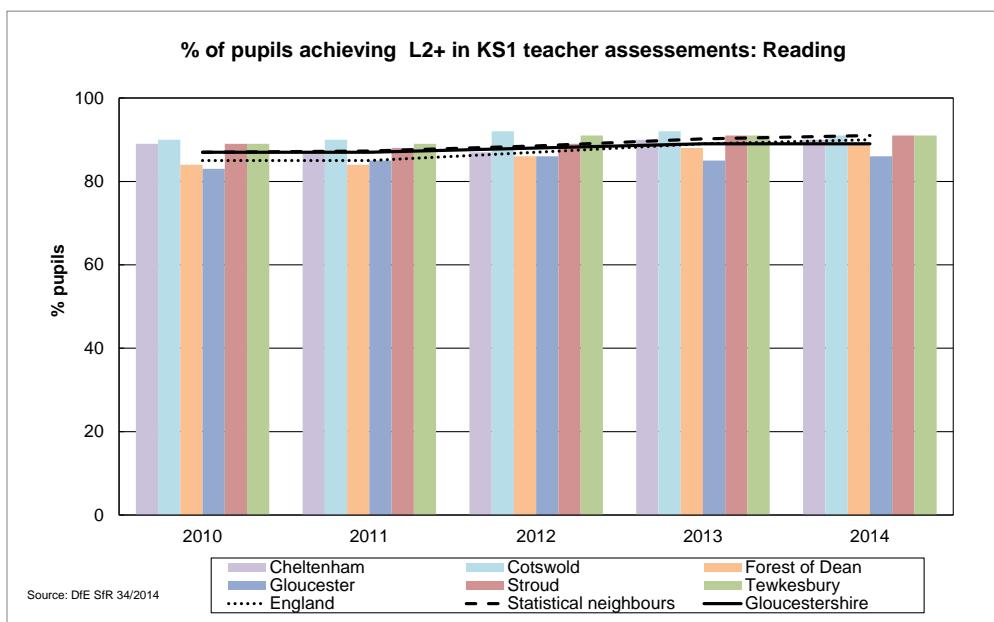
Figure 2: The proportion children achieving a Good Level of Development relating to the EYFSP by district in 2014⁶¹



At Key Stage 1 the following four figures provide a comparison by subject for Gloucestershire districts.

As shown in Figure 3 and Table 38 for Reading, despite having the lowest values compared to the other districts and falling below both the national and statistical averages both Gloucester and the Forest of Dean districts have shown the most improvement over the last five years.

Figure 3: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Reading by district⁶²



⁶¹ DfE SfR 46/2014

⁶² DfE SfR 34/2014

Table 38: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Reading

| KS1 | % of pupils achieving L2+ in KS1 teacher assessments: Reading | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 85 | 85 | 87 | 89 | 90 |
| Statistical neighbours | 87 | 87 | 89 | 90 | 91 |
| Gloucestershire | 87 | 87 | 88 | 89 | 89 |
| Cheltenham | 89 | 87 | 87 | 90 | 90 |
| Cotswold | 90 | 90 | 92 | 92 | 91 |
| Forest of Dean | 84 | 84 | 86 | 88 | 89 |
| Gloucester | 83 | 85 | 86 | 85 | 86 |
| Stroud | 89 | 88 | 89 | 91 | 91 |
| Tewkesbury | 89 | 89 | 91 | 91 | 91 |

In terms of Writing Stroud district appears to have made the most improvement in the last five years and along with Tewkesbury district was well above the national average in 2014 as depicted in Figure 4 and Table 39.

Figure 4: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Writing by district⁶³

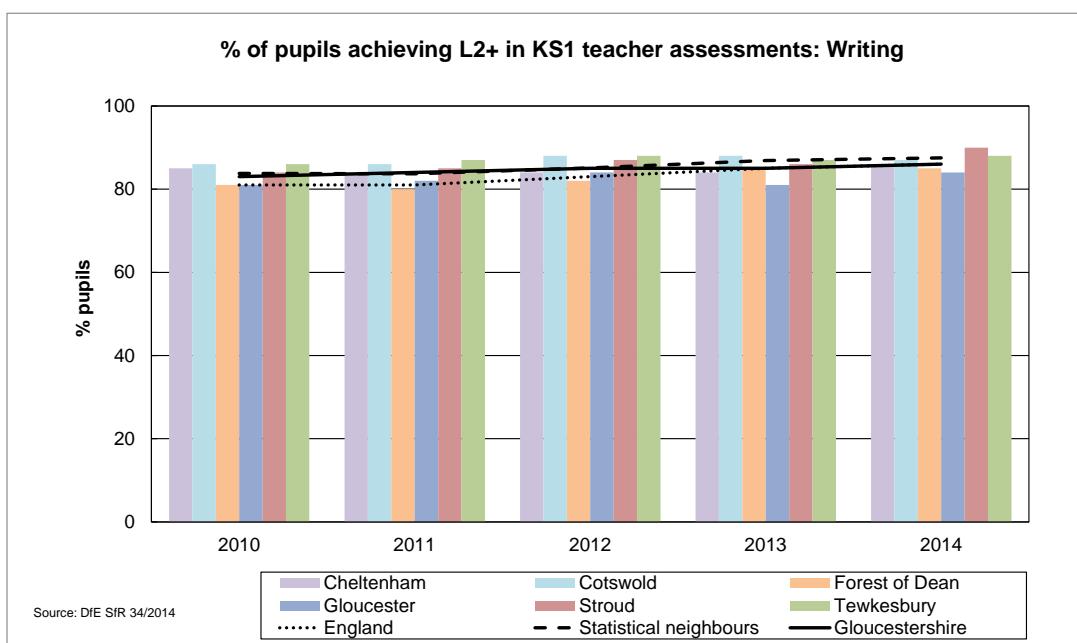


Table 39: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Writing

| KS1 | % of pupils achieving L2+ in KS1 teacher assessments: Writing | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 81 | 81 | 83 | 85 | 86 |
| Statistical neighbours | 84 | 84 | 85 | 87 | 88 |
| Gloucestershire | 83 | 84 | 85 | 85 | 86 |
| Cheltenham | 85 | 84 | 84 | 84 | 86 |
| Cotswold | 86 | 86 | 88 | 88 | 87 |
| Forest of Dean | 81 | 80 | 82 | 85 | 85 |
| Gloucester | 81 | 82 | 84 | 81 | 84 |
| Stroud | 84 | 85 | 87 | 86 | 90 |
| Tewkesbury | 86 | 87 | 88 | 87 | 88 |

⁶³ Ibid

The picture as shown in Figure 5 and Table 40 for Mathematics reflects little change over the last five years with Cheltenham district showing a slight decline since 2010. In 2014 achievement across districts was close to the national average apart from Cotswold district at 95% lying above and Gloucester district at 90% lying below.

Figure 5: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Mathematics by district⁶⁴

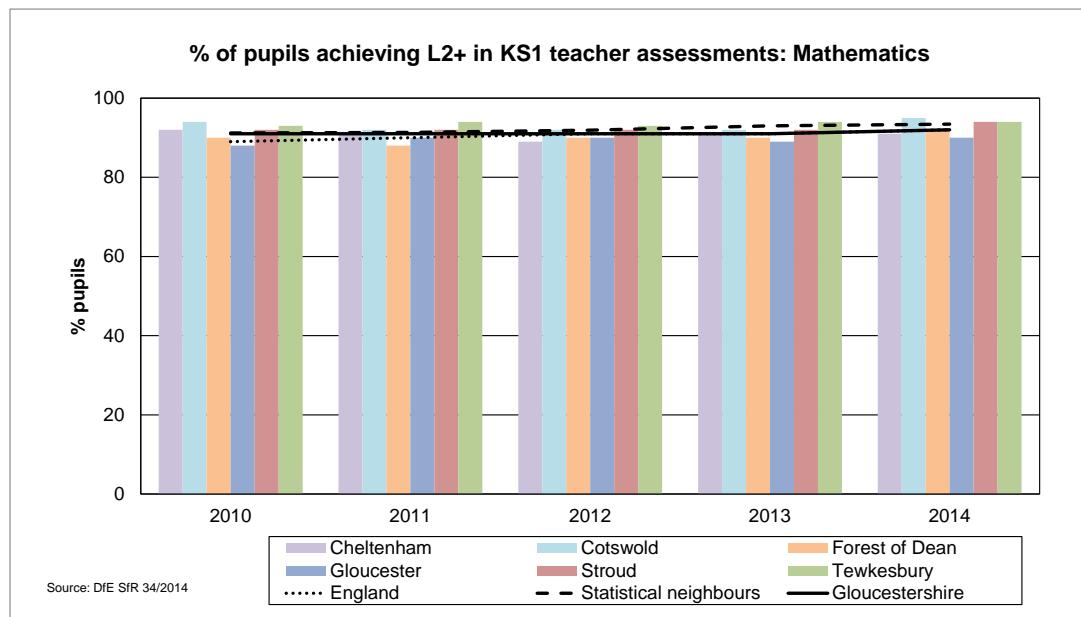


Table 40: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Mathematics

| KS1 | % of pupils achieving L2+ in KS1 teacher assessments: Mathematics | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 89 | 90 | 91 | 91 | 92 |
| Statistical neighbours | 91 | 91 | 92 | 93 | 93 |
| Gloucestershire | 91 | 91 | 91 | 91 | 92 |
| Cheltenham | 92 | 91 | 89 | 91 | 91 |
| Cotswold | 94 | 92 | 92 | 92 | 95 |
| Forest of Dean | 90 | 88 | 90 | 90 | 92 |
| Gloucester | 88 | 90 | 90 | 89 | 90 |
| Stroud | 92 | 92 | 92 | 92 | 94 |
| Tewkesbury | 93 | 94 | 93 | 94 | 94 |

⁶⁴ Ibid

Outcomes for Science as portrayed in Figure 6 and Table 41 are quite mixed. The Forest of Dean district showed the greatest improvement over the last five years compared to Stroud and Tewkesbury districts which underwent slight decline. In 2014 apart from Gloucester district which fell well below, all the other district results were close to the national average in this subject.

Figure 6: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Science by district⁶⁵

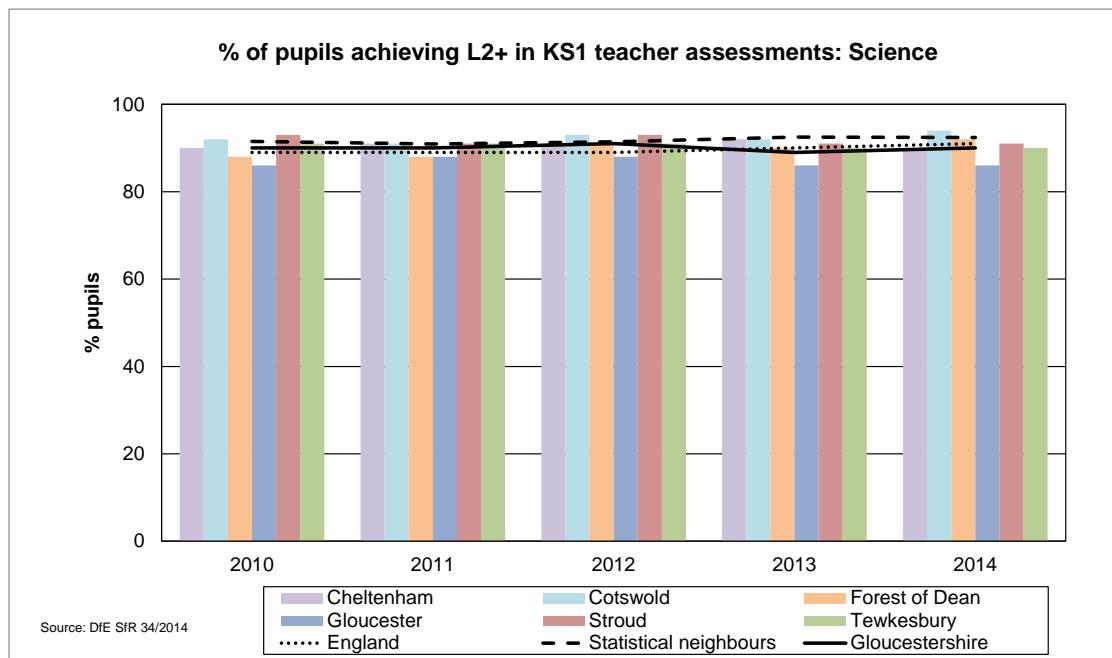


Table 41: The proportion of pupils achieving Level 2 and above in KS1 teacher assessments for Science

| KS1 | % of pupils achieving L2+ in KS1 teacher assessments: Science | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 89 | 89 | 89 | 90 | 91 |
| Statistical neighbours | 92 | 91 | 91 | 93 | 92 |
| Gloucestershire | 90 | 90 | 91 | 89 | 90 |
| Cheltenham | 90 | 91 | 91 | 92 | 90 |
| Cotswold | 92 | 91 | 93 | 92 | 94 |
| Forest of Dean | 88 | 88 | 91 | 90 | 92 |
| Gloucester | 86 | 88 | 88 | 86 | 86 |
| Stroud | 93 | 91 | 93 | 91 | 91 |
| Tewkesbury | 91 | 91 | 91 | 90 | 90 |

⁶⁵ Ibid

According to Figure 7 and Table 42 the Forest of Dean district experienced the greatest improvement in the percentage of pupils achieving Level 4 at KS2 in English. In 2014 all districts reflected a high level of achievement which at 90% or above was above the national average. Stroud district had the best result at 94%.

Figure 7: The proportion of pupils achieving Level 4 and above at KS2 in English by district⁶⁶

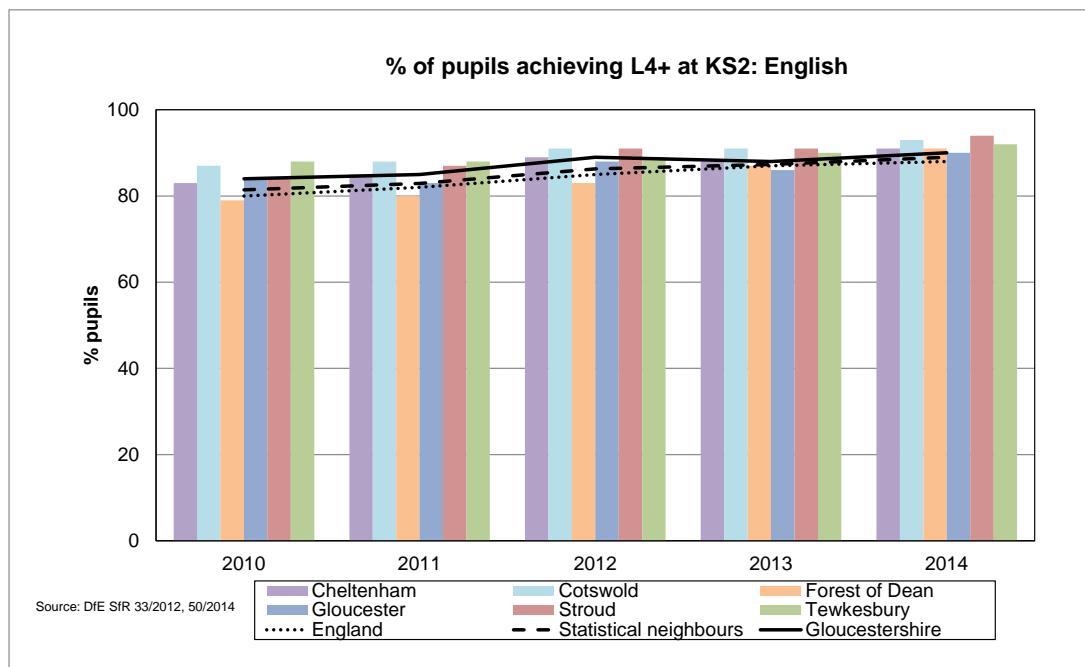


Table 42: The proportion of pupils achieving Level 4 and above at KS2 in English

| KS2 | % of pupils achieving L4+ at KS2: English | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 80 | 82 | 85 | 87 | 88 |
| Statistical neighbours | 81 | 83 | 86 | 87 | 89 |
| Gloucestershire | 84 | 85 | 89 | 88 | 90 |
| Cheltenham | 83 | 85 | 89 | 88 | 91 |
| Cotswold | 87 | 88 | 91 | 91 | 93 |
| Forest of Dean | 79 | 80 | 83 | 87 | 91 |
| Gloucester | 84 | 83 | 88 | 86 | 90 |
| Stroud | 84 | 87 | 91 | 91 | 94 |
| Tewkesbury | 88 | 88 | 89 | 90 | 92 |

⁶⁶ DfE SfR 33/2012 & 50/2014

The proportion of pupils achieving Level 4 and above at KS2 in Mathematics underwent the greatest improvement in the Forest of Dean district over the last five years but was still one percentage point behind the national average in 2014 as shown in Figure 8 and Table 43. Tewkesbury district reflected the least change over this period but along with Stroud was well above the national average in 2014.

Figure 8: The proportion of pupils achieving Level 4 and above at KS2 in Mathematics by district⁶⁷

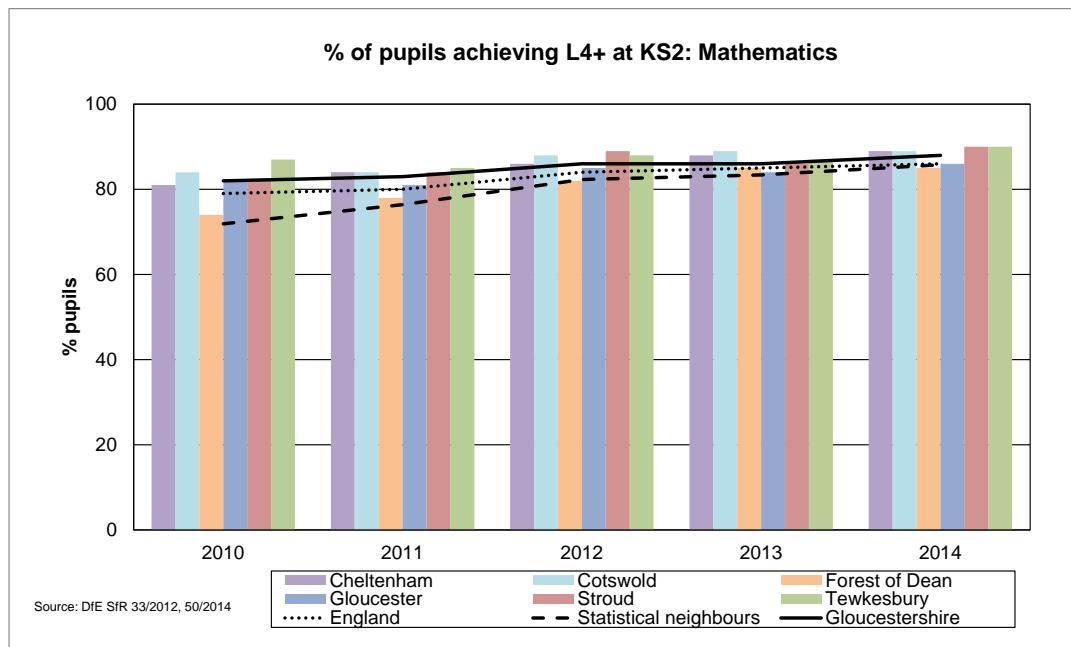


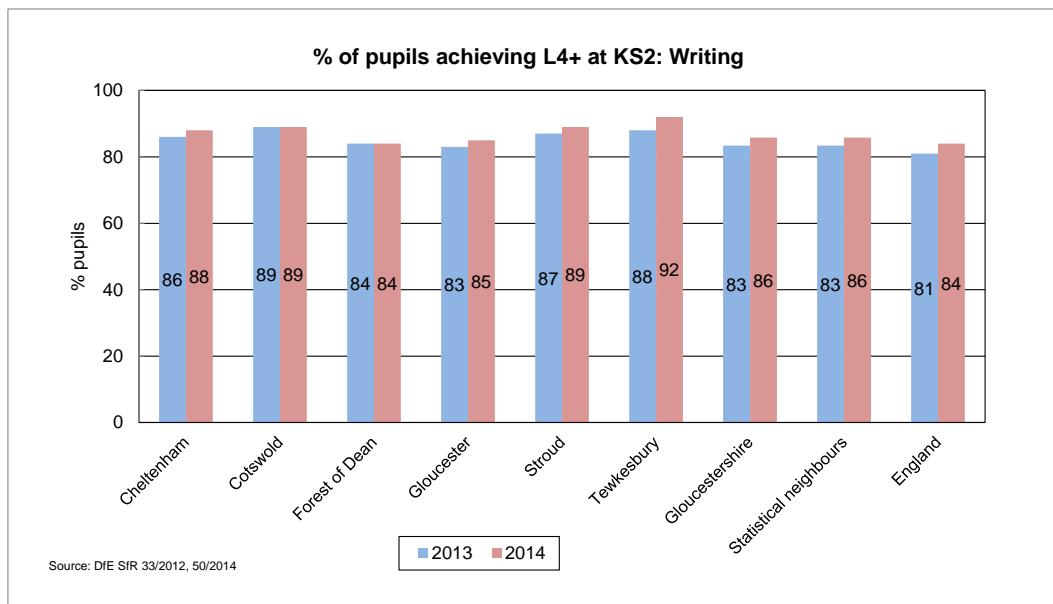
Table 43: The proportion of pupils achieving Level 4 and above at KS2 in Mathematics

| KS2 | % of pupils achieving L4+ at KS2: Mathematics | | | | |
|------------------------|---|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 79 | 80 | 84 | 85 | 86 |
| Statistical neighbours | 72 | 76 | 82 | 83 | 86 |
| Gloucestershire | 82 | 83 | 86 | 86 | 88 |
| Cheltenham | 81 | 84 | 86 | 88 | 89 |
| Cotswold | 84 | 84 | 88 | 89 | 89 |
| Forest of Dean | 74 | 78 | 82 | 85 | 85 |
| Gloucester | 82 | 81 | 85 | 84 | 86 |
| Stroud | 82 | 84 | 89 | 86 | 90 |
| Tewkesbury | 87 | 85 | 88 | 87 | 90 |

⁶⁷ Ibid

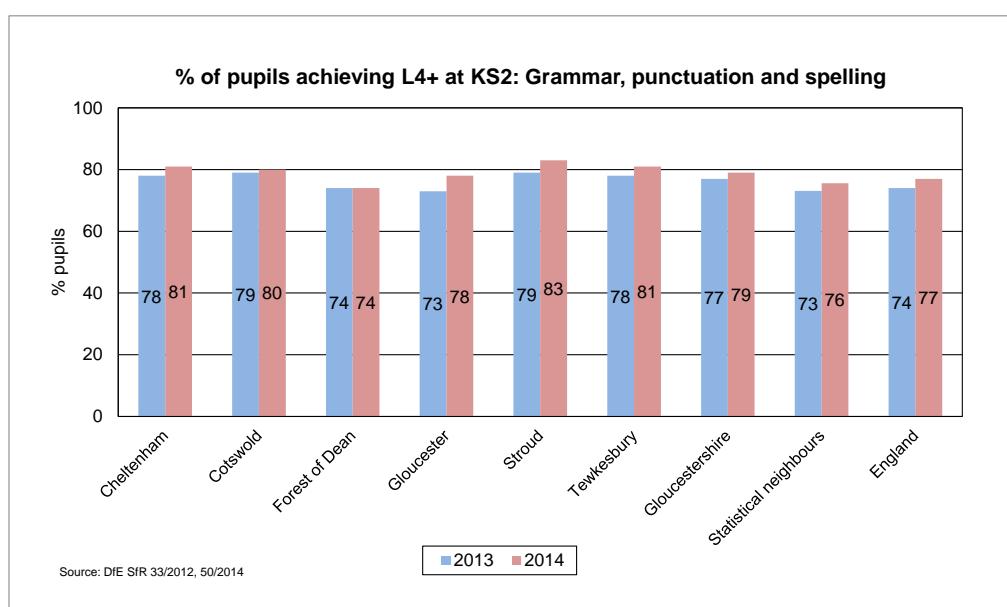
Results are only available for the last two years for outcomes relating to Writing at KS2. In 2014 Tewkesbury district had the highest level of achievement at 92% and the Forest of Dean district the lowest at 84% which matched the national average as depicted in Figure 9.

Figure 9: The proportion of pupils achieving Level 4 and above at KS2 in Writing by district⁶⁸



In terms of Grammar, punctuation and spelling at KS2, data is only available for the last two years. In 2014 according to Figure 10 apart from the Forest of Dean district pupils achieving 74% all the district results were above the national average of 77% with Stroud district achieving the highest position at 83%.

Figure 10: The proportion of pupils achieving Level 4 and above at KS2 in Grammar, punctuation and spelling by district⁶⁹



⁶⁸ Ibid

⁶⁹ Ibid

The proportion of pupils achieving at KS2 in Reading, Writing and Mathematics as shown in Figure 11 and Table 44 showed the greatest improvement in the Forest of Dean district, followed by Gloucester and Stroud districts. In 2014 apart from the Forest of Dean and Gloucester districts achievements in the remaining districts were all above the national average of 79%.

Figure 11: The proportion of pupils achieving Level 4 and above in Reading, Writing and Mathematics by district⁷⁰

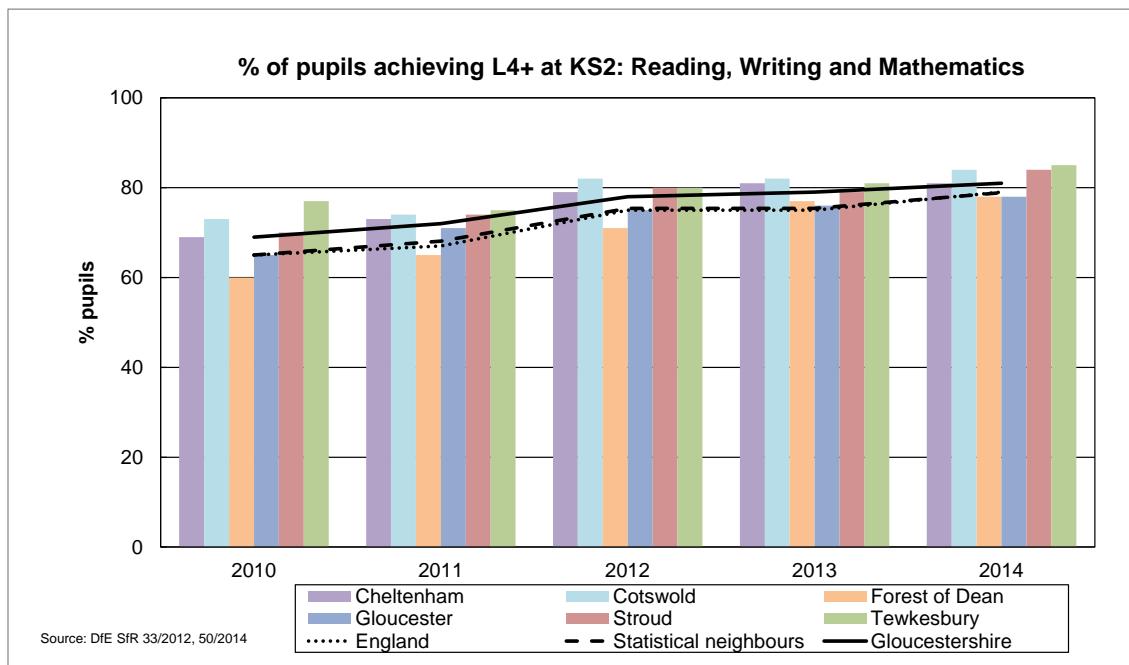


Table 44: The proportion of pupils achieving Level 4 and above in Reading, Writing and Mathematics

| KS2 | % of pupils achieving L4+ at KS2: Reading, Writing and Mathematics | | | | |
|------------------------|--|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 65 | 67 | 75 | 75 | 79 |
| Statistical neighbours | 65 | 68 | 75 | 75 | 79 |
| Gloucestershire | 69 | 72 | 78 | 79 | 81 |
| Cheltenham | 69 | 73 | 79 | 81 | 81 |
| Cotswold | 73 | 74 | 82 | 82 | 84 |
| Forest of Dean | 60 | 65 | 71 | 77 | 78 |
| Gloucester | 65 | 71 | 75 | 76 | 78 |
| Stroud | 70 | 74 | 80 | 79 | 84 |
| Tewkesbury | 77 | 75 | 80 | 81 | 85 |

⁷⁰ Ibid

At KS5 the proportion of pupils achieving 5+ A*- C grades including English and Mathematics GCSE presents a rather haphazard picture between 2010 and 2013. Although the Forest of Dean district achievement is the lowest at 55% it has progressed steadily as has Stroud district with the latter at 68% presenting the highest level of attainment in 2013. The remaining districts all exhibit a rather erratic progress as shown in Figure 12 and Table 45. In 2014, apart from the Forest of Dean all the districts attainment values were above the national average of 57%.

Figure 12: The proportion of pupils achieving 5 or more A* to C grades including English and Mathematics GCSEs by district⁷¹

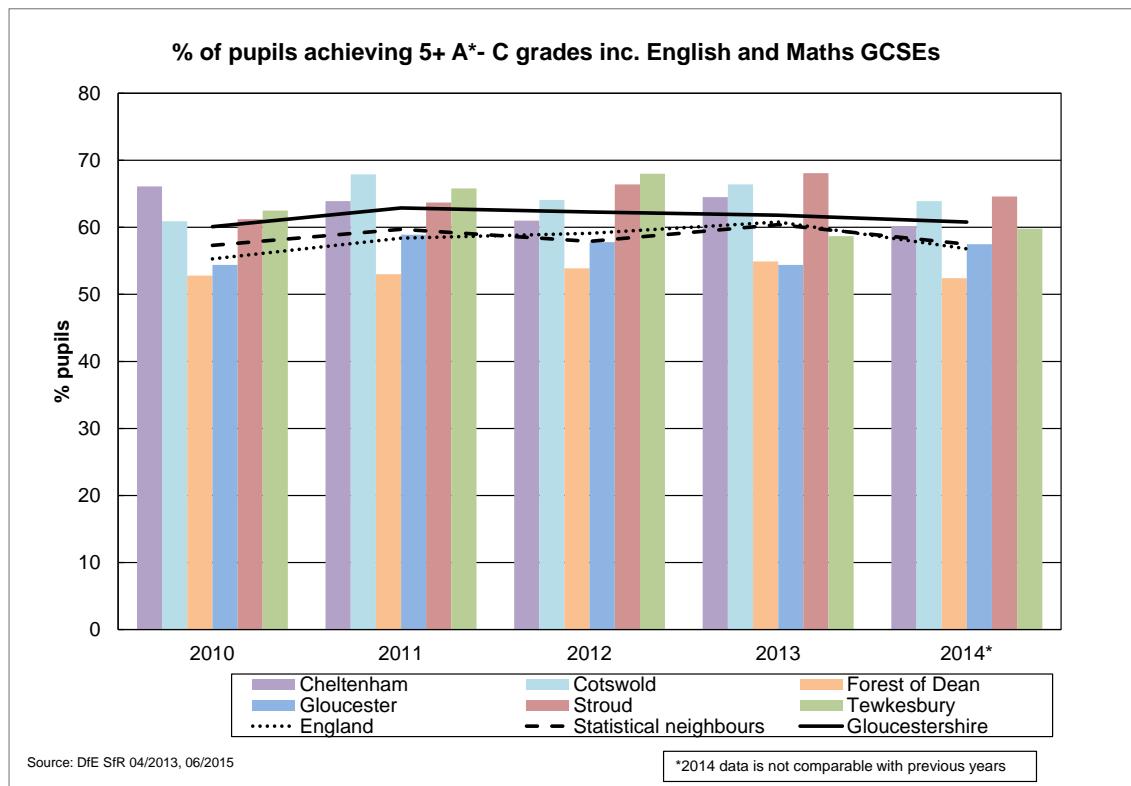


Table 45: The proportion of pupils achieving 5 or more A* to C grades including English and Mathematics GCSEs

| KS4 | % of pupils achieving 5+ A*- C grades inc. English and Maths GCSEs | | | | |
|------------------------|--|------|------|------|-------|
| | 2010 | 2011 | 2012 | 2013 | 2014* |
| England | 55.3 | 58.4 | 59.1 | 60.8 | 56.8 |
| Statistical neighbours | 57.3 | 59.7 | 57.9 | 60.4 | 57.5 |
| Gloucestershire | 60.1 | 62.9 | 62.3 | 61.8 | 60.8 |
| Cheltenham | 66.1 | 63.9 | 61.0 | 64.5 | 60.2 |
| Cotswold | 60.9 | 67.9 | 64.1 | 66.4 | 63.9 |
| Forest of Dean | 52.8 | 53.0 | 53.9 | 54.9 | 52.4 |
| Gloucester | 54.4 | 58.9 | 57.8 | 54.4 | 57.5 |
| Stroud | 61.2 | 63.7 | 66.4 | 68.1 | 64.6 |
| Tewkesbury | 62.5 | 65.8 | 68.0 | 58.7 | 59.8 |

⁷¹ DfE SfR 04/2013 & 06/2015

As presented in Figure 13 and Table 46 Stroud district experienced the highest increase in the proportion of pupils achieving 5+ A*-C grades at GCSE between 2010 and 2013 as well as the highest value in 2013 amounting to 87%. The Forest of Dean district at 75% had the lowest attainment and along with Gloucester district at 81% was below the national average. The 2014 data presents a similar picture in terms of comparisons with the national average.

Figure 13: The proportion of pupils achieving 5 or more A* to C grade GCSE by district⁷²

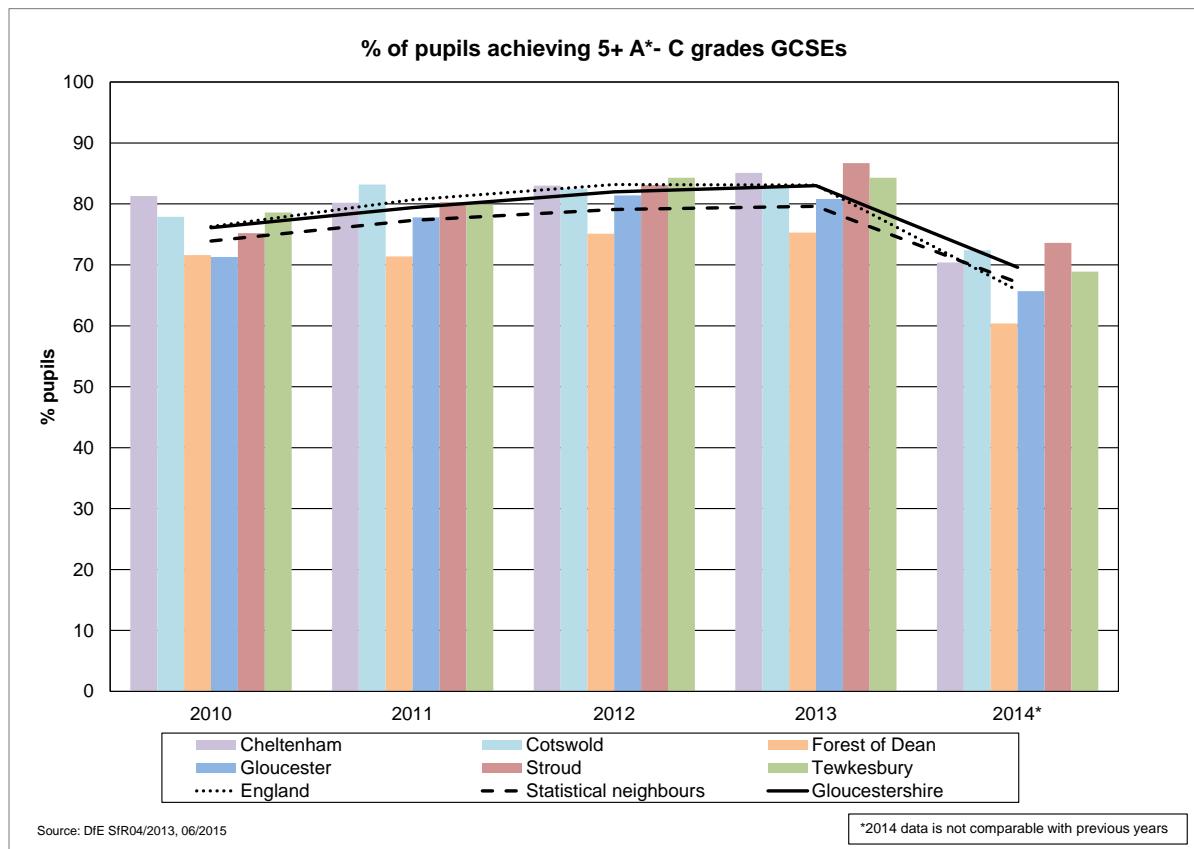


Table 46: The proportion of pupils achieving 5 or more A* to C grade GCSE

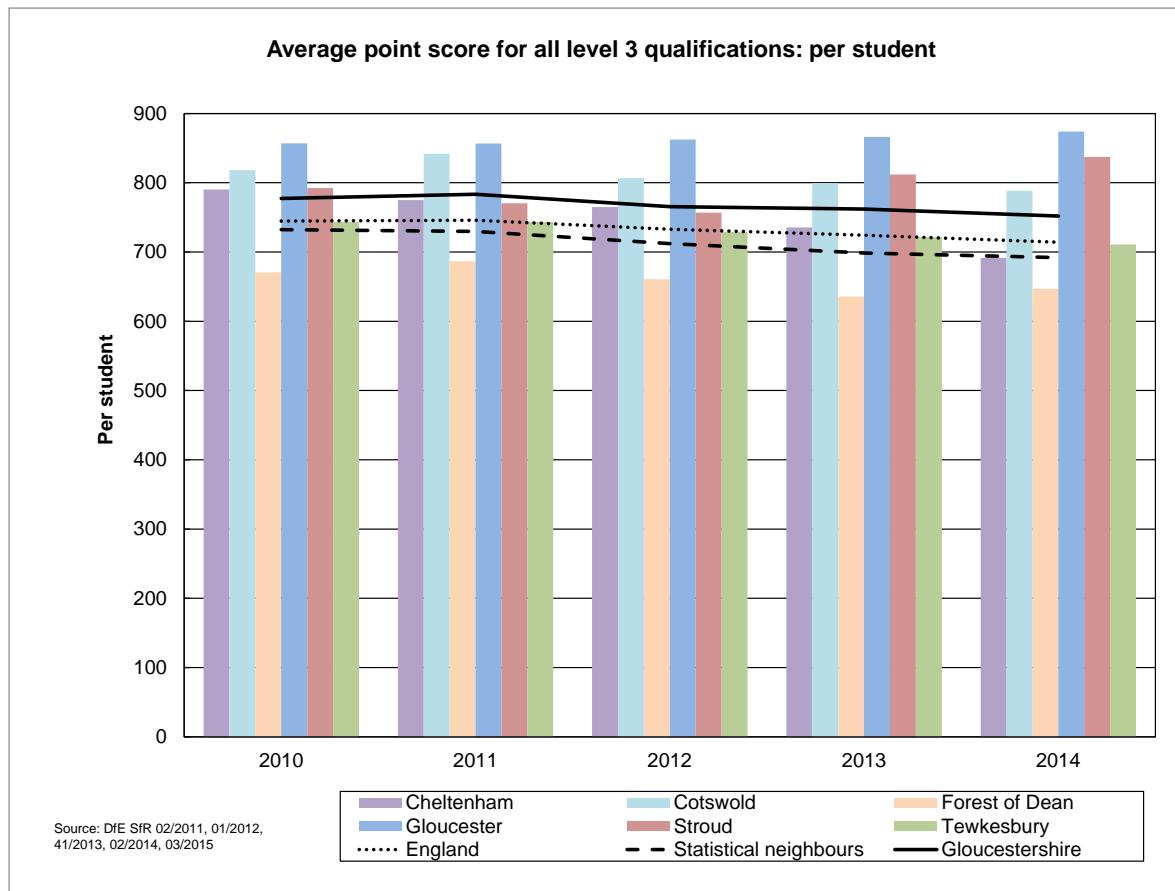
| KS4 | % of pupils achieving 5+ A*- C grades GCSEs | | | | |
|------------------------|---|------|------|------|-------|
| | 2010 | 2011 | 2012 | 2013 | 2014* |
| England | 76.3 | 80.7 | 83.2 | 83.1 | 65.8 |
| Statistical neighbours | 73.9 | 77.3 | 79.1 | 79.6 | 67.1 |
| Gloucestershire | 76.1 | 79.4 | 82.0 | 83.0 | 69.6 |
| Cheltenham | 81.3 | 80.2 | 83.0 | 85.1 | 70.4 |
| Cotswold | 77.9 | 83.2 | 82.5 | 82.6 | 72.4 |
| Forest of Dean | 71.6 | 71.4 | 75.1 | 75.3 | 60.4 |
| Gloucester | 71.3 | 77.8 | 81.4 | 80.8 | 65.7 |
| Stroud | 75.2 | 80.3 | 83.1 | 86.7 | 73.6 |
| Tewkesbury | 78.6 | 79.9 | 84.3 | 84.3 | 68.9 |

⁷² Ibid

Gloucestershire's good performance has been carried over to the KS5 Level as shown in the following figures. There are two measures of performance⁷³, one is the average point score per student and the other is the average point score per exam entry, both of which need to be taken into account.

The average points score per student as depicted in Figure 14 and Table 47 has shown the greatest increase in Gloucester and Stroud districts over the last five years whereas the Forest of Dean district experienced the greatest decline. Apart from the Forest of Dean and Cheltenham all the district values were above the national average in 2014.

Figure 14: Average point score⁷⁴ for all Level 3 qualifications: per student by district⁷⁵



⁷³ The **average point score per student** provides a measure of the average number of A level equivalent studied and the grades achieved. The more qualifications undertaken by a student and the higher the grades achieved, the higher the average point score per student. However, the **average point score per examination** gives an indication of the average A level grade achieved by students at an institution. The higher the grade, the higher the points score per examination entry. Neither performance indicator should be considered in isolation

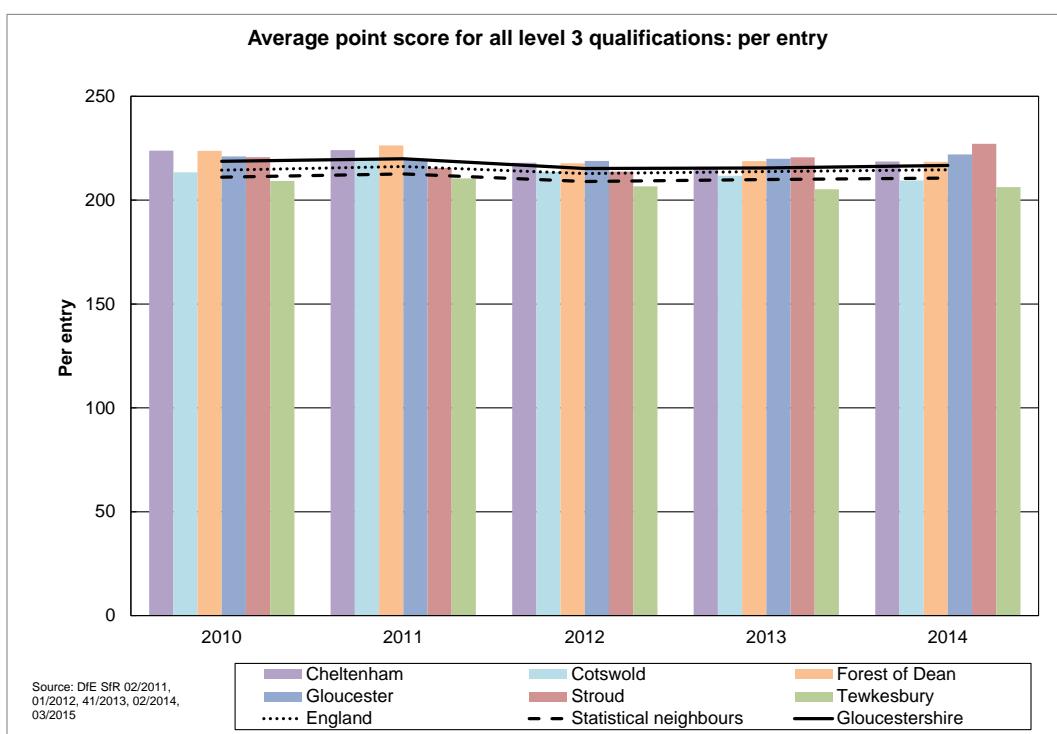
⁷⁵ DfE SfR 02/2011, 01/2012, 41/2013, 02/2014 & 03/2015

Table 47: Average point score for all Level 3 qualifications: per student

| KS5 | Average point score for all level 3 qualifications: per student | | | | |
|------------------------|---|-------|-------|-------|-------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 744.8 | 745.9 | 733.0 | 724.3 | 714.0 |
| Statistical neighbours | 732.3 | 729.7 | 712.1 | 698.6 | 692.1 |
| Gloucestershire | 777.3 | 783.3 | 765.4 | 762.1 | 751.9 |
| Cheltenham | 790.3 | 775.1 | 764.8 | 735.4 | 691.7 |
| Cotswold | 818.2 | 841.8 | 806.7 | 799.5 | 788.7 |
| Forest of Dean | 670.7 | 686.8 | 660.8 | 635.7 | 646.9 |
| Gloucester | 856.8 | 856.6 | 862.5 | 866.3 | 874.0 |
| Stroud | 792.4 | 770.3 | 756.8 | 811.8 | 837.3 |
| Tewkesbury | 743.2 | 743.7 | 728.8 | 721.3 | 711.1 |

In terms of grade, the average point score per entry as shown in Figure 15 and Table 48 increased in Cheltenham, the Forest of Dean and Gloucester districts and the most in Stroud district while the other two districts experienced decline over the last five years. Student outcomes for the Cotswold and Tewkesbury districts particularly the latter were below the national average while for Stroud district were 18 points above the national average in 2014. The two point score results indicate that students are doing more A levels particularly in Gloucester and Cotswold districts and also gaining better grades.

Figure 15: Average point score for all Level 3 qualifications: per entry by district⁷⁶



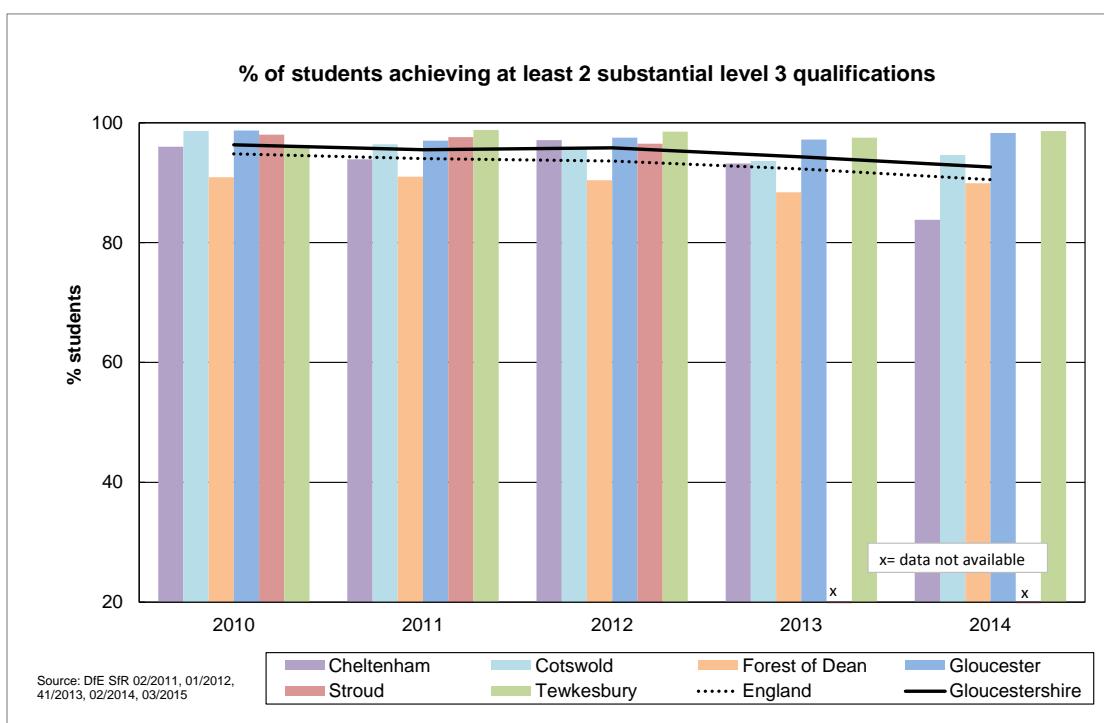
⁷⁶ Ibid

Table 48: Average point score for all Level 3 qualifications: per entry

| KS5 | Average point score for all level 3 qualifications: per entry | | | | |
|------------------------|--|-------|-------|-------|-------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 214.4 | 216.2 | 212.8 | 213.7 | 214.6 |
| Statistical neighbours | 211.1 | 212.6 | 209.0 | 210.0 | 210.6 |
| Gloucestershire | 218.7 | 219.9 | 215.2 | 215.5 | 216.7 |
| Cheltenham | 223.8 | 224.1 | 218.0 | 215.9 | 218.6 |
| Cotswold | 213.4 | 219.7 | 213.6 | 211.7 | 209.5 |
| Forest of Dean | 223.7 | 226.3 | 217.7 | 218.8 | 218.4 |
| Gloucester | 221.0 | 219.4 | 218.9 | 219.9 | 222.0 |
| Stroud | 220.7 | 215.5 | 213.7 | 220.6 | 227.1 |
| Tewkesbury | 209.2 | 210.4 | 206.6 | 205.2 | 206.3 |

The proportion of students achieving at least 2 substantial level 3 qualifications declined between 2010 and 2014 across all districts apart from Tewkesbury district as shown in Figure 16 and Table 49. However, in 2014 Gloucester and Tewkesbury districts outperformed the national average by eight percentage points with values of 98.3 and 98.6 respectively.

Figure 16: The proportion of students achieving at least 2 substantial level 3 qualifications by district⁷⁷



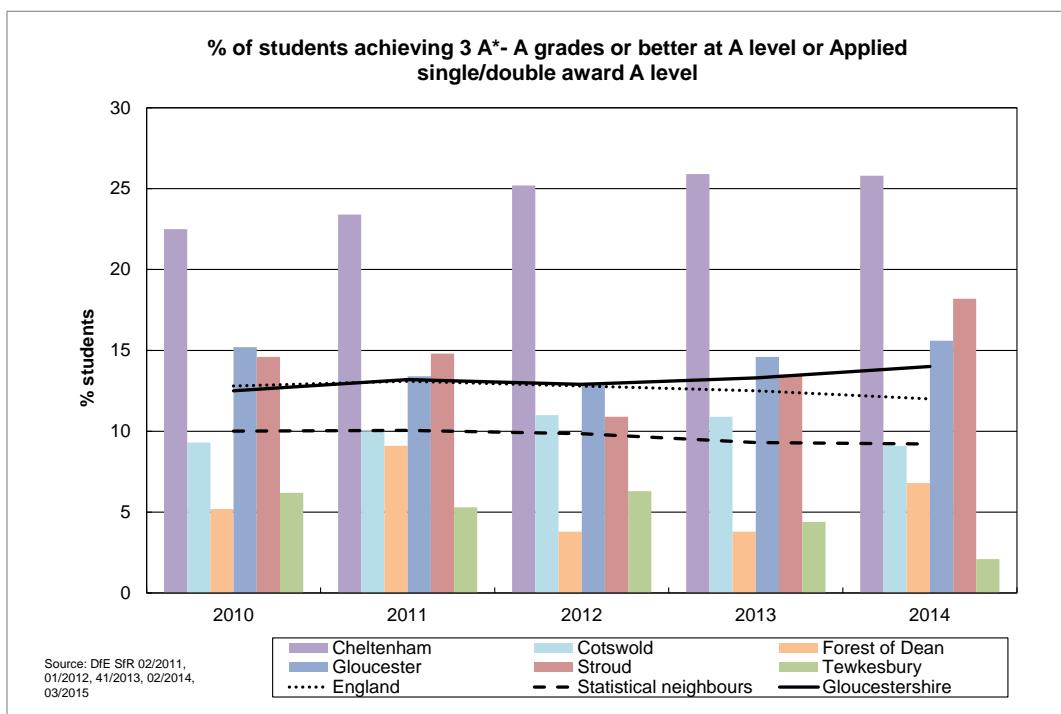
⁷⁷ Ibid

Table 49: The proportion of students achieving at least 2 substantial level 3 qualifications

| KS5 | Percentage of students achieving at least 2 substantial level 3 qualifications | | | | |
|-----------------|--|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 94.8 | 94.0 | 93.6 | 92.3 | 90.5 |
| Gloucestershire | 96.3 | 95.5 | 95.8 | 94.3 | 92.6 |
| Cheltenham | 96.0 | 93.9 | 97.1 | 93.2 | 83.8 |
| Cotswold | 98.6 | 96.4 | 95.7 | 93.6 | 94.6 |
| Forest of Dean | 90.9 | 91.0 | 90.4 | 88.4 | 89.9 |
| Gloucester | 98.7 | 97.0 | 97.5 | 97.2 | 98.3 |
| Stroud | 98.0 | 97.6 | 96.5 | - | - |
| Tewkesbury | 96.3 | 98.8 | 98.5 | 97.5 | 98.6 |

It is evident from Figure 17 and Table 50 that the percentage of students achieving 3 A*-A grades or better at A level or Applied single/double award A level over the last five years has been highest in Cheltenham, Stroud and Gloucester districts. Apart from Cotswold and Tewkesbury districts, this proportion has increased slightly for all districts in the last five years. In terms of the national average Cheltenham was 14 points above while Tewkesbury was 10 percentage points below in 2014.

Figure 17: The proportion of students achieving 3 A* to A grades or better at A level or Applied single/double award A level by district⁷⁸



⁷⁸ Ibid

Table 50: The proportion of students achieving 3 A* to A grades or better at A level or Applied single/double award A level

| KS5 | % of students achieving 3 A*- A grades or better at A level or Applied single/double award A level | | | | |
|------------------------|--|------|------|------|------|
| | 2010 | 2011 | 2012 | 2013 | 2014 |
| England | 12.8 | 13.1 | 12.8 | 12.5 | 12.0 |
| Statistical neighbours | 10.0 | 10.1 | 9.9 | 9.3 | 9.2 |
| Gloucestershire | 12.5 | 13.2 | 12.9 | 13.3 | 14.0 |
| Cheltenham | 22.5 | 23.4 | 25.2 | 25.9 | 25.8 |
| Cotswold | 9.3 | 10.0 | 11.0 | 10.9 | 9.1 |
| Forest of Dean | 5.2 | 9.1 | 3.8 | 3.8 | 6.8 |
| Gloucester | 15.2 | 13.4 | 13.0 | 14.6 | 15.6 |
| Stroud | 14.6 | 14.8 | 10.9 | 13.5 | 18.2 |
| Tewkesbury | 6.2 | 5.3 | 6.3 | 4.4 | 2.1 |