# Midlothian Council - Education Service 

## Midlothian Council Benchmarking Measures 2015 to 2019

## 1. Background notes

This report compares the performance of Midlothian School leavers against the Insight National Benchmarking Measures since 2014/15.

- The National Benchmarking Measures provide data on the total pupils' achievements during the senior phase (S4 to $\mathrm{S6}$ ) recorded at the point at which the young person leaves school. The leavers' cohort include a mixture of pupils from S4, S5 and S6.
- The attainment figures are taken from the February 2020 release of Insight, based on the "Latest and Best" achievement of young people in the Senior Phase, and do not include attainment gained prior to S4. The figures only include attainment in SCQF credit-rated qualifications that have been matched to an individual pupil via their Scottish Candidate Number (SCN).
- In Midlothian we operate inclusive schools and there are some pupils who pass examinations at SCQF levels 1 and 2. These levels, however, are not included in the Insight analysis as key benchmark measures.
- Figures 1 to 6 , Tables 1 to 5 and commentary in sections 2 to 4 , detail the progress made by Midlothian pupils against the Virtual comparator and the National Establishment (i.e. national average) over the last 5 years for each National Benchmarking Measure. Tables 6 to 8 and commentary in section 5, detail the progress in relation to Breadth and Depth data while Figures 7 to 15 show Midlothian's progress in relation to closing the attainment gap. Figures are provided in most cases for both the National Establishment and the Virtual Comparator, however the Virtual Comparator is seen as the key benchmark for helping schools and Education Authorities understand their strengths and areas for improvement.
- The Virtual Comparator takes the characteristics of each pupil in Midlothian and matches them to 10 pupils with similar characteristics from schools in other local authorities across Scotland, offering a fairer comparison.
- When the cohort being compared relates to a small number of pupils (less than 20 pupils as a rule of thumb provided by the Scottish Government), the trends are more likely to fluctuate over time and, therefore, are less likely to be significant. Data is suppressed where it relates to a cohort, or part of a cohort, of fewer than five pupils to prevent the identification of individuals.
- Where Insight testing has found that comparisons between the Midlothian performance and its Virtual Comparator is statistically significant and large enough to be considered of important educational value, this information has been included in the commentary in sections 2 to 4 of this document. The following graded shading is also used in tables to Visualise where Insight testing has found the comparisons to be significant:

| Colour Shading | Midlothian's performance relative to Virtual Comparator (VC) |
| :--- | :--- |
|  | Much greater than VC |
|  | Greater than VC |
|  | Lower than VC |
|  | Much Lower than VC |

- The significance of comparisons in not currently tested in Insight for attainment by pupil characteristics, e.g. looked after (LAC), additional support needs (ASN) of for SIMD (Scottish Index of Multiple Deprivation).
- Comparison of measures over time in Insight should be treated with caution as earlier years' figures relate to different qualifications, assessment arrangements and progression pathways.
- In most tables, three year averages, a five year net score or percentage point change and five year 'Trend' are presented with the annual performance. This provides an indication of an overall declining or improving trend by Midlothian schools in relation to the Virtual Comparator. The net change is the sum of the score or percentage point difference from one year to the next over the five year period. The 'Trend' is the average annual percentage point score change over the number of years given. A positive trend value (coloured green) indicates an improving trend over the period and a negative trend value (coloured red) indicates a declining trend.


## 2. National Benchmarking Measure: Improving Attainment for All

This measure groups school leavers according to their whole-school attainment as measured by their complementary tariff points into three attainment groups. The three groups are: the lowest-scoring 20 percent of pupils, the highest-scoring 20 percent and the middle 60 percent. The complementary tariff uses a fixed volume of learning to allow a fair comparison between learners/cohorts when the number of courses undertaken may vary. The volume of learning which is measured is the densest 120 SCQF Credit points. The density of each learning is calculated by dividing the number of Insight tariff points for the award by the number of SCQF Credit Points. The tariff points are then totalled for each learner for those awards that are within the densest 120 SCQF Credit Points. The Tariff scores are then averaged over all the learners in the particular attainment group.

Figure 1 below shows the average complementary tariff score of all school leavers across Midlothian.
Figure 1: Average complementary tariff score of all school leavers within each attainment group since 2014/15


Comments on Figure 1:

- In 2018/19 the average complementary tariff score for the Middle 60\% and Highest 20\% attainment groups in Midlothian are roughly in line with the Virtual Comparator while the Lowest $20 \%$ attaining group is higher. The 2019 performance of the Middle 60\% (525) and Lowest $20 \%$ (130) groups show a slight drop on the previous year with the Highest 20\% group (1222) showing an increase.
- Both the Lowest 20\% and Highest 20\% Levels in Midlothian show an overall improved trend over the last 5 years. The Middle 60\% attainment group in Midlothian shows a slight drop in trend over the same period. As a result, the gap between the Lowest 20\% and Highest 20\% attainment groups has stayed relatively similar over the five year period.
- Insight testing found that Midlothian's performance in the Lowest $20 \%$ group was statistically greater than its Virtual Comparator in 2019 but found no other significant comparisons in recent years as improvements have been made.

3. National Benchmarking Measure: Literacy and Numeracy

Figures 2 to 5 and Tables $1 \& 2$ that follow, detail the percentage of school leavers that achieved literacy and/or numeracy from 2015/2019 to at least Levels 3 to 6.
To achieve the given level of literacy a pupil needs to achieve the literacy unit at that level, or English or Gaidhlig course at that level. For numeracy the pupil needs to achieve the numeracy unit at that level or a Mathematics or Lifeskills Maths at that level or qualification identified by SQA as having sufficient content to include within the measure.

Figure 2: Literacy and Numeracy achievement at SCQF Level 3 for all school leavers in each year 2014/15


Figure 3: Literacy and Numeracy achievement at SCQF Level 4 for all school leavers in each year since 2014/15


Table 1-\% school leavers attaining both Literacy and Numeracy at SCQF Levels 3 \& 4 or better since 2014/15.

| Establishment | 2015 | 2016 | 2017 | 2018 | 2019 | 3 yr <br> Avg | $2019 \%$ <br> change <br> (+/-) on <br> 2018 | 5 yr <br> Trend | $5 \mathrm{Yr} \%$ <br> point <br> net <br> change <br> $(+/-)$ |
| :--- | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- |
| Midlothian SCQF 3 | $\mathbf{9 4 . 4}$ | $\mathbf{9 6 . 7}$ | $\mathbf{9 7 . 4}$ | $\mathbf{9 7 . 2}$ | $\mathbf{9 6 . 3}$ | $\mathbf{9 7 . 0}$ | $-\mathbf{- 0 . 9}$ | $\mathbf{0 . 5}$ | $\mathbf{1 . 9}$ |
| Virtual Comparator SCQF 3 | 93.0 | 93.5 | 93.9 | 92.9 | 91.7 | 92.8 | -1.2 | -0.3 | -1.3 |
| National SCQF 3 | 93.5 | 94.2 | 94.6 | 94.1 | 93.8 | 94.2 | -0.3 | 0.1 | 0.4 |
| Midlothian SCQF 4 | $\mathbf{8 5 . 7}$ | $\mathbf{8 7 . 8}$ | $\mathbf{9 1 . 6}$ | $\mathbf{8 8 . 9}$ | $\mathbf{8 9 . 5}$ | $\mathbf{9 0 . 0}$ | $\mathbf{0 . 5}$ | $\mathbf{0 . 9}$ | $\mathbf{3 . 8}$ |
| Virtual Comparator SCQF 4 | 85.5 | 86.6 | 87.9 | 87.2 | 86.0 | 87.0 | -1.1 | 0.1 | 0.5 |
| National SCQF 4 | 85.8 | 88.1 | 89.2 | 89.1 | 89.3 | 89.2 | 0.2 | 0.9 | 3.5 |

Comments on Figures $2 \& 3$ and Table 1:

- Midlothian's performance in both Literacy \& Numeracy in 2018/19 shows a decrease of $0.9 \%$ on the previous year at SCQF Level 3 with the performance at SCQF Level 4 increased by $0.5 \%$. Midlothian's performance at SCQF Level 4 or better has increased by 3.8 percentage points since 2014/15 while at SCQF Level 3 the percentage performance shows an increase of 1.9 percentage points.
- Midlothian's percentage at SCQF Level 3 and 4 has been consistently above the Virtual Comparator and in line with the national average since 2015.

Figure 4: Literacy and Numeracy achievement at SCQF Level 5 for all school leavers in each year 2014/15


Figure 5: Literacy and Numeracy achievement at SCQF Level 6 for all school leavers in each year 2014/15


Table 2 - \% school leavers attaining both Literacy and Numeracy at SCQF Levels $3 \& 4$ or better since 2014/15.

| Establishment | 2015 | 2016 | 2017 | 2018 | 2019 | 3 yr <br> Avg | 2019 \% <br> change <br> $(+/-)$ on <br> 2018 | 5 yr <br> Trend | 5 Yr \% <br> point <br> net <br> change <br> $(+/-)$ |
| :--- | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- |
| Midlothian SCQF 5 | $\mathbf{5 6 . 3}$ | $\mathbf{6 3 . 3}$ | $\mathbf{6 6 . 0}$ | $\mathbf{6 6 . 3}$ | $\mathbf{6 3 . 8}$ | $\mathbf{6 5 . 4}$ | $\mathbf{- 2 . 6}$ | $\mathbf{1 . 9}$ | $\mathbf{7 . 5}$ |
| Virtual Comparator SCQF 5 | 57.0 | 60.7 | 63.1 | 62.6 | 59.8 | 61.9 | -2.8 | 0.7 | 2.8 |
| National SCQF 5 | 58.6 | 64.2 | 66.5 | 67.1 | 66.6 | 66.7 | -0.6 | 2.0 | 7.9 |
| Midlothian SCQF 6 | $\mathbf{2 4 . 7}$ | $\mathbf{2 3 . 9}$ | $\mathbf{2 1 . 2}$ | $\mathbf{2 3 . 3}$ | $\mathbf{1 9 . 7}$ | $\mathbf{2 1 . 4}$ | $\mathbf{- 3 . 5}$ | $\mathbf{- 1 . 2}$ | $\mathbf{- 5 . 0}$ |
| Virtual Comparator SCQF 6 | 25.8 | 25.5 | 23.9 | 25.3 | 21.7 | 23.7 | -3.6 | -1.0 | -4.1 |
| National SCQF 6 | 27.1 | 26.8 | 26.2 | 27.6 | 25.8 | 26.5 | -1.8 | -0.3 | -1.3 |

Comments on Figures 4 \& 5 and Table 2:

- The percentage of school leavers attaining SCQF Level 5 or better in Literacy \& Numeracy featured as one of the Education Service Planning areas for improvement 2019/20. Midlothian's performance at SCQF Level 5 in Literacy \& numeracy in 2018/19 decreased by $2.6 \%$ on the previous year. Over the five-year period, the performance has improved overall, increasing by 7.5\% since 2014/15.
- At SCQF Level 6 or better, the percentage in 2018/19 decreased $3.5 \%$ on the previous year and also shows a fluctuating trend over the five-year period.
- Midlothian's percentage performance at SCQF Level 5 is typically higher than the Virtual Comparator and in line with the national average. Insight Testing found that the following comparisons were significant for this measure:


## Literacy and Numeracy at SCQF Level 5, 2019 is greater than your Virtual Comparator

Table 3 below further breaks this information down separately for literacy \& numeracy.
Table 3: Literacy and Numeracy achievement for all school leavers in each year from 2014/15 to 2018/19

|  |  | Literacy SCQF Level |  |  |  | Numeracy SCQF Level |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Establishment | Year | 3+ | 4+ | 5+ | 6+ | 3+ | 4+ | 5+ | 6+ |
| Midlothian | 2015 | 96.55 | 92.21 | 69.19 | 44.16 | 96.00 | 87.99 | 63.52 | 30.59 |
|  | 2016 | 98.08 | 93.04 | 73.19 | 47.18 | 97.78 | 90.73 | 68.35 | 26.01 |
|  | 2017 | 98.04 | 94.23 | 77.02 | 49.78 | 98.58 | 94.55 | 72.77 | 22.77 |
|  | 2018 | 98.12 | 94.24 | 76.97 | 52.38 | 98.45 | 92.03 | 69.77 | 24.14 |
|  | 2019 | 97.25 | 92.32 | 77.52 | 45.87 | 98.05 | 93.23 | 68.23 | 20.41 |
|  | +/- on 2018 | -0.87 | -1.92 | 0.55 | -6.51 | -0.4 | 1.2 | -1.54 | -3.73 |
|  | 3yr avg | 97.80 | 93.60 | 77.17 | 49.34 | 98.36 | 93.27 | 70.26 | 22.44 |
|  | 5yr Trend | 0.18 | 0.03 | 2.08 | 0.43 | 0.51 | 1.31 | 1.18 | -2.55 |
| Virtual Comparator | 2015 | 95.87 | 93.19 | 73.07 | 47.76 | 94.53 | 87.03 | 60.69 | 30.08 |
|  | 2016 | 96.01 | 93.42 | 75.93 | 50.61 | 94.97 | 88.25 | 63.36 | 28.02 |
|  | 2017 | 95.99 | 93.82 | 78.3 | 52.32 | 95.61 | 89.51 | 65.61 | 26.07 |
|  | 2018 | 95.45 | 93.16 | 77.54 | 53.59 | 94.87 | 89.25 | 64.82 | 27.34 |
|  | 2019 | 94.44 | 91.67 | 75.93 | 47.87 | 94.59 | 89.15 | 62.25 | 23.47 |
|  | +/- on 2018 | -1.01 | -1.49 | -1.61 | -5.72 | -0.28 | -0.1 | -2.57 | -3.87 |
|  | 3yr avg | 95.29 | 92.88 | 77.26 | 51.26 | 95.02 | 89.30 | 64.23 | 25.63 |
|  | 5yr Trend | 0.02 | 0.11 | 1.79 | 1.68 | 0.18 | 0.98 | 1.58 | -0.99 |
| National | 2015 | 95.98 | 93.51 | 74.58 | 49.1 | 95.00 | 87.45 | 62.45 | 31.69 |
|  | 2016 | 96.39 | 94.05 | 79.04 | 54.6 | 95.62 | 89.6 | 66.77 | 29.48 |
|  | 2017 | 96.51 | 94.41 | 80.87 | 55.88 | 96.1 | 90.67 | 68.81 | 28.56 |
|  | 2018 | 96.26 | 94.3 | 81.67 | 58.24 | 95.73 | 90.81 | 69.18 | 29.88 |
|  | 2019 | 96.07 | 93.93 | 81.73 | 55.8 | 95.72 | 91.39 | 68.77 | 27.75 |
|  | +/- on 2018 | -0.19 | -0.37 | 0.06 | -2.44 | -0.01 | 0.58 | -0.41 | -2.13 |
|  | 3yr avg | 96.28 | 94.21 | 81.42 | 56.64 | 95.85 | 90.96 | 68.92 | 28.73 |
|  | 5yr Trend | -0.36 | -0.38 | 0.72 | 0.03 | 0.02 | 0.53 | 0.39 | -1.65 |

Comments on Table 3:

- Literary Achievement - Midlothian's performance across SCQF Levels 3 to 6 for literacy shows an increasing trend over the five year period with overall improvements at all levels. The 2018/19 performance shows a drop on the previous year across the SCQF Level, with the exception of SCQF Level 5 which increased by $0.55 \%$ to its highest performance to date.
- Midlothian's percentage performance at SCQF level 3 \& 4 has typically been above the Virtual Comparator and in line with the National average. Where the percentage is above or below for Midlothian, Insight found no significant comparisons with the exception of SCQF Level 3 in 2019 where Midlothian's performance is considered much greater than the Virtual Comparator.
- At SCQF Levels 5 and 6, Midlothian's performance has typically been below the Virtual Comparator but Insight testing found no significant comparisons.
- Numeracy Achievement - Midlothian's performance across SCQF Levels 3 to 5 for Numeracy shows an increasing trend over the five year period with overall improvements showing at all Levels. The 2018/19 performance shows a drop on the previous year across the SCQF Levels, with the exception at SCQF Level 4 which increased by $1.2 \%$ to its $2^{\text {nd }}$ highest performance to date.
- Midlothian's percentage performance at SCQF Levels 3 to 5 for Numeracy have typically been above the Virtual Comparator and National average with Insight finding the following comparisons significant:
- Midlothian's performance in Numeracy at SCQF Level 3, 2019 is much greater than your Virtual Comparator
- Midlothian's performance in Numeracy at SCQF Level 4, 2019 is much greater than your Virtual Comparator
- Midlothian's performance in Numeracy at SCQF Level 5, 2019 is greater than your Virtual Comparator
- Midlothian's Numeracy performance at SCQF Level 6 has typically been lower than the Virtual Comparator across the five-year period. Insight testing found Midlothian's performance in Numeracy at SCQF Level 6, 2019 is lower than your Virtual Comparator.

4. National Benchmarking Measure: Attainment Versus Deprivation

This measure considers attainment of candidates at each stage broken down into ten deciles according to the Scottish Index of Multiple Deprivation (SIMD). Decile 1 refered to the attainment of pupils whose postcodes are in the $10 \%$ most deprived datazones in Scotland, while decile 10 refers to pupils with postcodes in the top $10 \%$ of the least deprived (most affluent) datazones according to SIMD.

Figure 6 below shows the average complementary tariff scores within each SIMD decile band of all Midlothian school leavers in 2018/19 compared with the Virtual Comparator. The grey circles in Figure 6 represent the Virtual Comparator and the blue circles represent Midlothian. The circles change in size and broadly represent the proportion of young people from the total cohort appearing in each of the circles. The blue vertical lines represent the range of scores (maximum and minimum) of the leavers within each decile.

Figure 6: Average complementary tariff scores of all school leavers in 2018/19 compared with the Virtual Comparator, broken down by SIMD band of residence.


Comments of Figure 6:

- The position of Midlothian's circles in Figure 6 above compared to the Virtual Comparator circles along the trend line, would suggest that Midlothian's performance in 2018/19 is broadly in line with its Virtual Comparator across the ten SIMD deciles.
- It is important to be aware of the numbers of young people appearing in each of these deciles. For example, the circle in decile 3 is relatively large, reflecting the fact that it represents $22 \%$ of the leavers' cohort in Midlothian in 2018/19.

The full breakdown of the percentage of Midlothian's school leavers' cohort living within each ten SIMD deciles over the last five years can be viewed in Table 4 that follows:

Table 4: Percentage of Midlothian school leavers living within each SIMD Decile Band 2018/19

|  | \% of Total Cohort within each SIMD Decile Band |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Establishment | Year of leaving | Most Deprived 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Least <br> Deprived <br> 10 |
| Midlothian | 2014/15 | 2\% | 6\% | 14\% | 14\% | 17\% | 9\% | 12\% | 8\% | 7\% | 12\% |
|  | 2015/16 | 2\% | 4\% | 15\% | 14\% | 17\% | 7\% | 13\% | 9\% | 8\% | 11\% |
|  | 2016/17 | 1\% | 9\% | 20\% | 19\% | 4\% | 16\% | 11\% | 6\% | 5\% | 9\% |
|  | 2017/18 | 1\% | 9\% | 17\% | 19\% | 3\% | 19\% | 12\% | 5\% | 6\% | 8\% |
|  | 2018/19 | 2\% | 9\% | 22\% | 20\% | 5\% | 13\% | 8\% | 6\% | 5\% | 10\% |
|  | 3 yr avg | 1\% | 9\% | 20\% | 19\% | 4\% | 16\% | 10\% | 6\% | 5\% | 9\% |
|  | 5 yr avg | 2\% | 7\% | 18\% | 17\% | 9\% | 13\% | 11\% | 7\% | 6\% | 10\% |

Comments on Table 4:

- On average 10\% of Midlothian's school leaver cohort lies within SIMD deciles 1 and 2 (20\% most deprived areas in Scotland according to SIMD), 15\% within deciles 9 and 10 ( $20 \%$ least deprived areas in Scotland) and $75 \%$ within deciles 3 to 8 (the remaining 60\% of SIMD areas).

Table 5 below shows the average complementary tariff scores within each SIMD decile band for all school leavers in Midlothian since 2014/15 compared with its Virtual Comparator and the national average.

Table 5: Average complementary tariff scores of the school leaver cohort in Midlothian since 2014/15, broken down by SIMD band of residence

|  |  | SIMD Decile Band |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Establishment | Year of leaving | Total No. in Cohort | Most Deprived 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| Midlothian | 2014/15 | 899 | 260 | 428 | 439 | 541 | 597 | 623 | 555 | 774 | 730 | 881 |
|  | 2015/16 | 992 | 489 | 434 | 459 | 499 | 575 | 648 | 655 | 841 | 755 | 906 |
|  | 2016/17 | 918 | 650 | 429 | 499 | 535 | 539 | 657 | 716 | 749 | 837 | 847 |
|  | 2017/18 | 903 | 274 | 509 | 517 | 512 | 603 | 650 | 685 | 774 | 857 | 892 |
|  | 2018/19 | 872 | 410 | 385 | 445 | 457 | 544 | 656 | 822 | 833 | 800 | 867 |
|  | +/- on 2018 |  | 136 | -124 | -72 | -55 | -59 | 6 | 137 | 59 | -57 | -25 |
|  | 3yr avg |  | 445 | 441 | 487 | 501 | 562 | 654 | 741 | 785 | 831 | 869 |
|  | 5yr Trend |  | 37.5 | -10.75 | 1.5 | -21 | -13.25 | 8.25 | 66.75 | 14.75 | 17.5 | -3.5 |
| Virtual Comparator | 2014/15 | 8990 | 328 | 454 | 469 | 513 | 599 | 662 | 660 | 763 | 803 | 909 |
|  | 2015/16 | 9920 | 406 | 457 | 456 | 515 | 560 | 691 | 687 | 813 | 734 | 907 |
|  | 2016/17 | 9180 | 456 | 470 | 498 | 549 | 544 | 690 | 717 | 800 | 862 | 869 |
|  | 2017/18 | 9030 | 272 | 511 | 523 | 513 | 585 | 665 | 694 | 751 | 864 | 911 |
|  | 2018/19 | 8720 | 405 | 410 | 466 | 476 | 548 | 666 | 722 | 751 | 837 | 841 |
|  | +/- on 2018 |  | 133 | -101 | -57 | -37 | -37 | 1 | 28 | 0 | -27 | -70 |
|  | 3yr avg |  | 378 | 464 | 496 | 513 | 559 | 674 | 711 | 767 | 854 | 874 |
|  | 5yr Trend |  | 19.25 | -11 | -0.75 | -9.25 | -12.75 | 1 | 15.5 | -3 | 8.5 | -17 |
| National | 2014/15 | 52433 | 429 | 476 | 511 | 574 | 613 | 667 | 707 | 758 | 825 | 917 |
|  | 2015/16 | 52249 | 444 | 494 | 534 | 586 | 627 | 686 | 723 | 775 | 833 | 932 |
|  | 2016/17 | 51258 | 460 | 490 | 547 | 584 | 651 | 686 | 723 | 791 | 841 | 923 |
|  | 2017/18 | 49707 | 468 | 497 | 546 | 593 | 647 | 695 | 733 | 780 | 854 | 938 |
|  | 2018/19 | 49717 | 459 | 490 | 532 | 568 | 619 | 671 | 719 | 776 | 823 | 906 |
|  | +/- on 2018 |  | -9 | -7 | -14 | -25 | -28 | -24 | -14 | -4 | -31 | -32 |
|  | 3yr avg |  | 462 | 492 | 542 | 582 | 639 | 684 | 725 | 782 | 839 | 922 |
|  | 5yr Trend |  | 7.5 | 3.5 | 5.25 | -1.5 | 1.5 | 1 | 3 | 4.5 | -0.5 | -2.75 |

## Comments on Table 5:

- Midlothian's performance across the SIMD deciles over the five-year period is roughly in line with its Virtual Comparator. Where there are larger variances, Insight testing found no significant statistical differences.
- As with the national average and the Virtual Comparator, school leavers living in the most deprived areas typically have a lower complementary tariff score on average than those living in the least deprived areas.

5. Course Measures: Leavers Breadth and Depth Trends 2014/15 to 2018/19

This section reviews the performance of awards across SCQF Levels 3 to 7 using breadth and depth measures for school leavers across Midlothian since 2014/15. All awards contribute to this SCQF measure, as do grades in SQA courses.

The breadth and depth measures are heavily influenced by a school's curricular model. The mix of existing and new Higher qualifications in 2015 and the variety of progression pathways that candidates would have undertaken for the Higher qualifications means the 2015 to 2017 Higher results may not be fully comparable with previous years.

The percentages are based on cumulative awards and reflect the number of school leavers achieving at least the given number of awards at the SCQF level since 2014/15. The percentages are calculated as a proportion of the relevant leaver cohort.

Tables 6 \& 7 that follow show the latest and best attainment at the point of leaving school in Midlothian and for the Virtual Comparator for the following breadth and depth measures:

- 1 or more awards at SCQF Levels 3 and SCQF Levels 4 or better;
- 1 or more, 3 or more, and 5 or more awards at SCQF Level 5 or better;
- 1 or more, 3 or more, and 5 or more awards at SCQF Level 6 or better; and
- 1 or more awards at SCQF Level 7 or better

Table 6 - Midlothian Breadth and Depth Data 2014/15 to 2018/19

| \% School Leavers Attaining | 2015 | 2016 | 2017 | 2018 | 2019 | $\begin{gathered} 2019 \text { \% point } \\ \text { change (+/-) } \\ \text { on } 2018 \\ \hline \end{gathered}$ | $3 y r$ avg (\%) | 5 yr Trend | $5 \text { Yr \% }$ <br> Point Net <br> Change $(+/-)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 or more awards at Level 3 | 98.3\% | 99.5\% | 99.2\% | 99.3\% | 99.3\% | 0.0\% | 99.3\% | 0.2\% | 1.0\% |
| 1 or more awards at Level 4 | 95.8\% | 97.6\% | 97.7\% | 97.2\% | 96.7\% | -0.6\% | 97.2\% | 0.2\% | 0.9\% |
| 1 or more awards at Level 5 | 82.9\% | 84.4\% | 87.2\% | 85.5\% | 86.0\% | 0.5\% | 86.2\% | 0.8\% | 3.1\% |
| 3 or more awards at Level 5 | 73.8\% | 72.0\% | 73.1\% | 72.3\% | 69.7\% | -2.6\% | 71.7\% | -1.0\% | -4.0\% |
| 5 or more awards at Level 5 | 60.3\% | 59.5\% | 58.2\% | 61.0\% | 58.4\% | -2.7\% | 59.2\% | -0.5\% | -1.9\% |
| 1 or more awards at Level 6 | 61.5\% | 59.0\% | 58.7\% | 60.6\% | 56.1\% | -4.5\% | 58.5\% | -1.4\% | -5.4\% |
| 3 or more awards at Level 6 | 44.4\% | 43.9\% | 43.4\% | 46.6\% | 42.9\% | -3.7\% | 44.3\% | -0.4\% | -1.5\% |
| 5 or more awards at Level 6 | 26.1\% | 30.3\% | 28.1\% | 32.6\% | 30.1\% | -2.5\% | 30.2\% | 1.0\% | 3.9\% |
| 1 or more awards at Level 7 | 17.5\% | 20.8\% | 18.6\% | 18.9\% | 19.3\% | 0.3\% | 18.9\% | 0.5\% | 1.8\% |

Table 7 - Virtual Comparator Breadth and Depth Data 2014/15 to 2018/19

| \% School Leavers Attaining | 2015 | 2016 | 2017 | 2018 | 2019 | 2019 \% point change (+/-) on 2018 | 3yr avg (\%) | $\begin{gathered} 5 \mathrm{yr} \\ \text { Trend } \end{gathered}$ | $5 \mathrm{Yr} \%$ <br> Point Net <br> Change $(+/-)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 or more awards at Level 3 | 97.8\% | 97.8\% | 97.8\% | 97.6\% | 97.3\% | -0.3\% | 97.5\% | -0.1\% | -0.5\% |
| 1 or more awards at Level 4 | 95.9\% | 96.4\% | 96.2\% | 95.8\% | 95.1\% | -0.7\% | 95.7\% | -0.2\% | -0.8\% |
| 1 or more awards at Level 5 | 85.6\% | 84.5\% | 85.9\% | 84.9\% | 83.6\% | -1.3\% | 84.8\% | -0.5\% | -2.0\% |
| 3 or more awards at Level 5 | 71.2\% | 71.1\% | 72.5\% | 72.3\% | 69.8\% | -2.5\% | 71.5\% | -0.3\% | -1.4\% |
| 5 or more awards at Level 5 | 57.8\% | 57.3\% | 58.5\% | 59.4\% | 57.2\% | -2.2\% | 58.4\% | -0.2\% | -0.6\% |
| 1 or more awards at Level 6 | 60.4\% | 60.0\% | 60.9\% | 60.8\% | 57.2\% | -3.6\% | 59.6\% | -0.8\% | -3.2\% |
| 3 or more awards at Level 6 | 45.3\% | 45.2\% | 45.3\% | 46.3\% | 43.5\% | -2.9\% | 45.0\% | -0.5\% | -1.9\% |
| 5 or more awards at Level 6 | 31.6\% | 31.7\% | 31.3\% | 32.4\% | 30.5\% | -1.8\% | 31.4\% | -0.3\% | -1.1\% |
| 1 or more awards at Level 7 | 20.8\% | 20.3\% | 20.2\% | 21.2\% | 18.2\% | -3.0\% | 19.9\% | -0.7\% | -2.6\% |

## Comments on Tables 6 \& 7:

- Midlothian's performance in 2018/19 across the reported breadth and depth measures shows a drop on the previous year in most areas in line with the Virtual comparator. Figures for ' 1 or more at Level 3' and '1 or more at Level 5' are significantly above the Virtual Comparator.
- Midlothian's performance across the reported SCQF Level 5 to 7 measures show a fluctuating but overall improved trend over the five year period. The most significant increases have been in the percentage attaining ' 5 or more at Level 6 ' and ' 1 or more at Level 7' which increased by $3.9 \%$ and $1.8 \%$ respectively.


## Senior Phase Qualifications: Closing the Gap

## Deprivation (SIMD)

School leavers living in the $20 \%$ most deprived areas (SIMD Quintile 1) typically have lower attainment compared to those living in the $20 \%$ least deprived areas (SIMD Quintile 5). The attainment gap between school leavers living in SIMD Quintile 1 and those in SIMD Quintile 5 is wider at higher levels of qualifications. The attainment gap increases from 2 percentage points on average at SCQF Level 3 to 48 percentage points on average at SCQF Level 6.

Figures 7 to 10 that follow detail the gap in attainment at SCQF Levels 3 to 6 for school leavers in Midlothian by SIMD Quintile category since 2014/15.

Figure 7: Percentage of school leavers attaining 1 or more awards at SCQF Level 3 by SIMD category


Comments on Figure 7: 99\% of school leavers from SIMD Quintile 1 gained 1 or more qualifications at SCQF Level 3 in 2018/19, a 1\% decrease on the previous year. The gap between Midlothian leavers from SIMD Quintile 1 and SIMD Quintile 5 in 2018/19 is in line with the previous year. The gap shows an overall reduction over the last five years, decreasing from 2.4 points in 2014/15 to 0.2 points in 2018/19.

Figure 8: Percentage of school leavers attaining 1 or more awards at SCQF Level 4 by SIMD category


Comments on Figure 8: 92.8\% of school leavers from SIMD Quintile 1 gained 1 or more qualifications at SCQF Level 4 in 2018/19, a decrease of $2.8 \%$ on the previous year and an increase of 0.3 percentage points since 2014/15. The gap between Midlothian leavers from SIMD Quintile 1 and SIMD Quintile 5 in 2018/19 increased by 1.2 percentage points on the previous year. Overall, the trend has fluctuated with the gap showing an overall decrease over the five- year period from 6.9 percentage points in 2014/15 to 5.6 points in 2018/19.

Figure 9: Percentage of school leavers attaining 1 or more awards at SCQF Level 5 by SIMD category


Comments on Figure 9: 73.2\% of school leavers from SIMD Quintile 1 gained 1 or more qualifications at SCQF Level 5 in 2018/19, a decrease of $5.9 \%$ on the previous year and a decrease of 1.4 percentage points since 2014/15. The gap between Midlothian leavers from SIMD Quintile 1 and SIMD Quintile 5 in 2018/19 increased by 4.2 percentage points on the previous year. Overall, the gap shows a fluctuating trend over the five-year period increasing from 17.7 percentage points in 2014/15 to 22.0 points in 2018/19.

Figure 10: Percentage of school leavers attaining 1 or more awards at SCQF Level 6 by SIMD category


Comments on Figure 10: 34.0\% of school leavers from SIMD Quintile 1 gained 1 or more qualifications at SCQF Level 6 in 2018/19, a drop of $12.2 \%$ on the previous year. The gap between Midlothian leavers from SIMD Quintile 1 and SIMD Quintile 5 in 2018/19 increased by 8.3 percentage points on the previous year. Overall, the gap shows a fluctuating trend over the five- year period decreasing slightly from 34.3 percentage points in 2014/15 to 34.0 points in 2018/19.

## Care Experienced Leavers

Figures 11 to 12 below detail the gap in attainment at SCQF Levels 4 to 5 for School leavers in Midlothian by 'Looked after' (LAC) status.

School Leavers who are looked after typically have lower attainment compared to those who are not looked after. Similar to the SIMD trends, the attainment gap between school leavers who are looked after and those who are not looked after is wider at higher levels of qualifications. The attainment gap increases from 15 percentage points on average at SCQF Level 4 to 30 percentage points on average at SCQF Level 5.

Figure 11: Percentage of school leavers attaining 1 or more awards at SCQF Level 4 by LAC status
\% attaining 1 or more awards at SCQF Level 4 - LAC v Non LAC


LAC/LAAC $\longrightarrow$ Non LAAC

- Comments on Figure 11: 81.25\% of Looked after school leavers gained 1 or more qualifications at SCQF Level 4 in 2018/19, an increase of $8.5 \%$ on the previous year. The gap between leavers who are looked after and those who are not decreased by $9.1 \%$ on the previous year to $15.4 \%$ in $2018 / 19$. Overall the trend has fluctuated widely due to the small numbers in the looked after cohort.

Figure 12: Percentage of school leavers attaining 1 or more awards at SCQF Level 5 by LAC status
\% attaining 1 or more awards at SCQF Level 5 - LAC v Non LAC 100.00\%


- Comments on Figure 12: 56.3\% of looked after school leavers gained 1 or more qualifications at SCQF Level 5 in 2018/19, an increase of $38.1 \%$ on the previous year. The gap between leavers who are looked after and those who are not decreased by $37.6 \%$ on the previous year to $29.7 \%$ in $2018 / 19$. Overall, the trend has fluctuated widely due to the small numbers in the looked after cohort.


## Additional Support Needs status

Figures 13 to 15 below detail the gap in attainment at SCQF Levels 4 to 6 for school leavers in Midlothian by Additional Support Needs (ASN) status.

School Leavers with additional support needs typically have lower attainment compared to school leavers with no additional support needs. Again, similar to the SIMD trends, the attainment gap between school leavers with ASN and those without ASN is wider at the higher levels of qualifications. The attainment gap increases from 5 percentage points on average at SCQF Level 4 to 20 percentage points on average at SCQF Level 5 and 25 percentage point at SCQF Level 6.

Figure 13: Percentage of school leavers attaining 1 or more awards at SCQF Level 4 by ASN status


- Comments on Figure 13: 91.8\% of school leavers with an additional support need gained 1 or more qualification at SCQF Level 4 in 2018/19 and an increase of $4.5 \%$ since 2014/15. The gap between Midlothian leavers with an additional support need and those without in 2018/19 increased by $0.2 \%$ on the previous year. Overall, the gap shows a decrease over the five-year period from $8.5 \%$ in 2014/15 to $4.9 \%$ in 2018/19.

Figure 14: Percentage of school leavers attaining 1 or more awards at SCQF Level 5 by ASN status


- Comments on Figure 14: 70\% of school leavers with an additional support need gained 1 or more qualification at SCQF Level 5 in 2018/19. An increase of $4.6 \%$ on the previous year and $13.3 \%$ since 2014/15. The gap between Midlothian leavers with an additional support need and those without in 2018/19 decreased by $4.2 \%$ on the previous year. Overall, the gap shows a decrease over the five-year period from $26.2 \%$ in 2014/15 to $16 \%$ in 2018/19.

Figure 15: Percentage of school leavers attaining 1 or more awards at SCQF Level 6 by ASN status
\% attaining 1 or more awards at SCQF Level 6 - ASN v Non ASN

| 80.0\% |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 70.0\% |  |  |  |  |  |
| 60.0\% |  |  |  |  |  |
| 50.0\% |  |  |  |  |  |
| 40.0\% |  |  |  |  |  |
| 30.0\% |  |  |  |  |  |
| 20.0\% |  |  |  |  |  |
| 10.0\% |  |  |  |  |  |
|  |  |  |  |  |  |
| $\longrightarrow A S N$ | 34.7\% | 28.6\% | 32.6\% | 33.5\% | 33.1\% |
| $\longrightarrow$ Non ASN | 61.5\% | 59.0\% | 58.7\% | 60.6\% | 56.1\% |
| $\longrightarrow A S N=\text { Non ASN }$ |  |  |  |  |  |

- Comments on Figure 14: 33.1\% of school leavers with an additional support need gained 1 or more qualification at SCQF Level 6 in 2018/19. A decrease of $0.4 \%$ on the previous year and $1.6 \%$ since 2014/15. The gap between Midlothian leavers with an additional support need and those without in 2018/19 decreased by $4.1 \%$ on the previous year. Overall, the gap shows a decrease over the five-year period from 26.8\% in 2014/15 to 23\% in 2018/19.

