

REPORT TO: Education Committee

MEETING DATE: 21 November 2017

BY: Depute Chief Executive (Resources and People Services)

SUBJECT: Insight Local Benchmarking Measures to 2017

1 PURPOSE

- 1.1 To inform the Committee of trends in attainment and achievement of S5 and S6 pupils in the Senior Phase in East Lothian using the “Local Benchmarking Measures” from Insight.

2 RECOMMENDATIONS

- 2.1 The Committee is asked to consider and note the contents of the report.

3 BACKGROUND

- 3.1 Each year young people in secondary schools in East Lothian achieve a range of awards and qualifications available on the Scottish Credit and Qualifications Framework (SCQF) at different stages throughout the senior phase (S4 to S6).
- 3.2 The Scottish Government developed a statistical benchmarking tool ‘Insight’ to assist schools and local authorities in the analysis of attainment of young people in the senior phase through nationally agreed benchmarking measures and course breadth and depth data. General information on the “Insight” tool is available online at: <http://www.gov.scot/Topics/Education/Schools/curriculum/seniorphasebenchmarking>
- 3.3 As well as providing the National Average, Insight also uses a Virtual Comparator for each school and Education Authority and is considered to be the key benchmark for helping schools and authorities understand their strengths and areas for improvement. The Virtual Comparator takes the

characteristics of each pupil in East Lothian and matches them to 10 similar pupils from schools in other local authorities across Scotland.

- 3.4 This report will explore how the Education Authority has performed over the five-year period since 2013 to 2017 in relation to the National Average and the Virtual Comparator focusing on the three “Local Benchmarking Measures” from Insight:
- **Improving attainment in literacy and numeracy** (shown as the percentage of each stage attaining Literacy and Numeracy)
 - **Improving attainment for all** (shown as the Average Total Tariff Score)
 - **Tackling disadvantage** by improving the attainment of lower attainers relative to higher attainers (shown as the Average Total Tariff Score versus Deprivation)
- 3.5 These three measures focus on the cumulative achievements of all young people at the end of S5 and S6 in the five years to 2017.
- 3.6 Course breadth and depth data for S5 and S6 pupils is also provided in the appendix to this report and an overview of the Authority’s performance in graded courses at National 5, Higher and Advanced Higher, compared to the National Average, over the last three years to 2017.
- 3.7 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, including where early S3 presentations took place in East Lothian. The dual presentation of old and new qualifications across the SCQF Levels in previous academic sessions and different approaches to presentation and delivery makes direct comparisons of attainment between 2017 and previous years extremely complex both nationally and locally. Breadth and depth measures are heavily influenced by a school’s curricular model therefore the 2014 to 2017 results may not be fully comparable with previous years.
- 3.8 Local Benchmarking Measures are heavily influenced by a school’s curricular model (presentations policy), for example a reduction in the number of subjects studied in S4. Across our schools, pupils achieved a range of qualifications across the SCQF levels at different stages through a variety of progression pathways, for example, pupils “bypassing” National 5 qualifications in S4 in 2014 to 2017 to sit a two-year Higher course for examination in S5 in May of S5, 2015 to 2018. Therefore, it is not possible to present data for the Local Benchmarking Measures by the end of S4 in East Lothian in a meaningful way.
- 3.9 Course measures used in this report relate to the percentage of pupils attaining SQA accredited awards at grades A to C at SCQF Level 5 (National 5), SCQF Level 6 (Higher) at S5 & S6 and SCQF Level 7 (Advanced Higher) at S6. Percentages are based on A-C awards attained

within the presented year, calculated as a percentage of the resulted entries.

- 3.10 The data in this report is taken from the September 2017 release of Insight and reflects the most up to date position on senior phase attainment.
- 3.11 The reports in Insight are based on SQA attainment and include the results of completed National Courses and Skills for Work and Personal Development courses that are sent to SEEMiS from SQA in August. College presentations are also included as are D awards or other achievements from ungraded National Certificates and National Progression Awards.
- 3.12 The main highlights for East Lothian are provided in paragraphs 3.13 to 3.17 below. A detailed breakdown of each of the measures is provided in Appendix 1

East Lothian Performance to 2017

- 3.13 Overall, the three Local Benchmarking Measures reported by the Scottish Government Insight tool indicate that attainment in East Lothian has improved overall over the five-year period to 2016/17. Further improvements could still be made, particularly in Literacy & Numeracy at SCQF Levels 5 & 6, the Highest 20% attaining group in S5 and in relation to closing the attainment gap.
- 3.14 **Improving Attainment for All** – East Lothian shows a fluctuating but overall improving trend in the average total tariff scores across the three attaining groups by both the end of S5 and S6 over the last five years with the exception of the Highest 20% attaining group at S5 (*see Appendix 1, section 2*):
 - **Performance by the end of S5** has typically been in line with the Virtual Comparator across the five years with the exception of 2014 where Insight testing found that East Lothian's lower performance in the Middle 60% group was statistically significant. The Lowest 20% and Middle 60% attaining groups show a slight increase in their average total tariff score in 2017 on the previous year. Similar to the Virtual Comparator and National Average, the Highest 20% attaining group in East Lothian shows a drop in scores each year since 2014. As a result, the attainment gap between the Lowest 20% and Highest 20% attaining groups in East Lothian and nationally has reduced slightly over the five year period.
 - **Performance by the end of S6** has also been typically in line with the Virtual Comparator. All three attaining groups by the end of S6 in East Lothian show a slight drop in their average total tariff score in 2017 on the previous year but an overall improved trend over the five-year period. The score gap between those in the Lowest 20% and Highest 20% attaining groups shows a slight increase over the five-year period as both groups improved their scores. This increase is also reflected in the National Average and in the Virtual Comparator performance.

3.15 **Literacy & Numeracy Achievement** – East Lothian’s combined Literacy & Numeracy performance shows an improving trend over the five years to 2017 across SCQF Levels 3 to 6 by the end of S5 and across SCQF Levels 3 to 5 by the end of S6. At SCQF Level 6 by the end of S6 the trend has been more static with 2017 showing a drop in performance. East Lothian’s performance has typically been in line with the Virtual Comparator at SCQF Levels 3 & 4, while at SCQF Levels 5 & 6 they have been typically lower (see *Appendix 1, section 3*)

- **Literacy Achievement:** East Lothian’s Literacy performance shows an improving trend over the five years across SCQF Levels 3 to 6 at both stages. The 2017 S5 performance shows an increase of more than 5% at SCQF Levels 5 & 6 on the previous year and a slight drop at SCQF Level 4. At S6, the 2017 SCQF Level 6 performance shows a slight drop of 2% following a high performance in 2016. East Lothian’s S5 performance has typically been in line with the Virtual Comparator with the exception of SCQF Level 4 in 2017 and SCQF Levels 5 & 6 in 2014 where Insight testing found that East Lothian’s lower performance was statistically significant. East Lothian’s S6 performance has typically been in line with the Virtual Comparator with the exception of SCQF Level 5 in 2015 where Insight testing found that East Lothian’s lower performance was statistically significant.
- **Numeracy Achievement:** East Lothian’s S5 performance across SCQF Levels 3 to 5 for Numeracy shows a slight improvement over the five-year period with the 2017 performance showing an improvement on the previous year at SCQF Levels 5 & 6 and relatively static at SCQF Levels 3 & 4. East Lothian’s S6 performance across SCQF Levels 3 to 5 for Numeracy shows a fluctuating but overall improved trend over the five-year period with the 2017 performance showing further improvement on the previous year at SCQF Level 3 & 4 and relatively static at SCQF Levels 5 & 6. East Lothian’s S5 and S6 performance at SCQF Levels 3 & 4 have typically been in line with the Virtual Comparator and the National Average. At SCQF Levels 5 & 6 the performance has typically been lower with Insight testing finding this lower performance in S5 statistically significant in four out of the five years. In S6, Insight testing found the lower performance at SCQF Level 5 statistically significant in 2013, 2015 & 2017 and significant across the five years at SCQF Level 6.

3.16 **Attainment versus Deprivation** – East Lothian’s average total tariff scores across the SIMD deciles at each stage over the five-year period show that they are roughly in line with the Virtual Comparator. As with the National Average and the Virtual Comparator, pupils living in the most deprived areas typically have a lower total tariff score on average than those pupils living in the least deprived areas. The attainment gap between the average scores of those living in the 20% most deprived areas and those living in the 20% least deprived areas has fluctuated but reduced overall across the five years at both stages (see *Appendix 1, section 4*).

3.17 **Breadth and Depth data** - East Lothian's performance across the reported breadth and depth measures shows a fluctuating but overall improving trend over the five-year period at both stages (see *Appendix 1, section 5*):

- **Performance by the end of S5** in 2017 shows an increase on the previous year across the measures to East Lothian's highest performance to date. The most significant increases have been in the % attaining '1 or more awards at Level 6' and '3 or more awards at Level 6', increasing by 11 and 10 percentage points respectively between 2013 and 2017. The increases in each of the reported measures across the five years have brought the authority performance more in line with its Virtual Comparator over the last three years.
- **Performance by the end of S6** in 2017 shows a slight drop on the previous year in the % attaining '5 or more awards at Level 5', '3 or more awards at Level 6' and '1 or more awards at Level 7'. The most significant increases over the five years have been in the % attaining '1 or more awards at Level 5', '3 or more awards at Level 5', '1 or more awards at Level 6' and '3 or more awards at Level 6', all increasing by 5 to 7 percentage points bringing the authority performance in 2016 and 2017 more in line with its Virtual Comparator.

4 POLICY IMPLICATIONS

4.1 There are no direct policy implications associated with this report.

5 INTEGRATED IMPACT ASSESSMENT

5.1 The subject of this report does not affect the wellbeing of the community or have a significant impact on equality, the environment or economy.

6 RESOURCE IMPLICATIONS

6.1 Financial - none

6.2 Personnel - none

6.3 Other - none

7 BACKGROUND PAPERS

7.1 Appendix 1 – East Lothian Local Benchmarking & Graded Course Measures Performance to 2017

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Appendix 1



East Lothian Council - Education Service

East Lothian Local Benchmarking (S5 & S6) and Graded Course Measures to 2017

1. Background Notes

This report compares the performance of East Lothian S5 and S6 pupils against the Insight local benchmarks over time.

- The Local Benchmarking measures provide data on pupils' achievements during the senior phase, whether they are a leaver or they are still at school.
- The attainment figures are taken from the September 2017 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 East Lothian 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 8, Tables 1-11* and commentary in *sections 2 to 4* detail the progress made by East Lothian pupils against the Virtual Comparator and the National Establishment (i.e. National Average) by stage over the last 5 years for each Local Benchmarking measure. *Tables 12 to 15* and commentary in *section 5* detail the progress in relation to Breadth and Depth data. 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 East Lothian and matches them to 10 pupils with similar characteristics from schools in other local authorities across Scotland offering a fairer comparison. It is worth noting that the Virtual Comparator does not currently take into account the curriculum model/presentations policy of the schools that they come from.
- *Tables 16 to 19* provide further information related to Course measures in *section 6*.
- 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 East Lothian 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 used in tables to visualise where Insight testing has found the comparisons to be significant:

Colour Shading	East Lothian's performance relative to Virtual Comparator (VC)
	much greater than VC
	greater than VC

	lower than VC
	much lower than VC

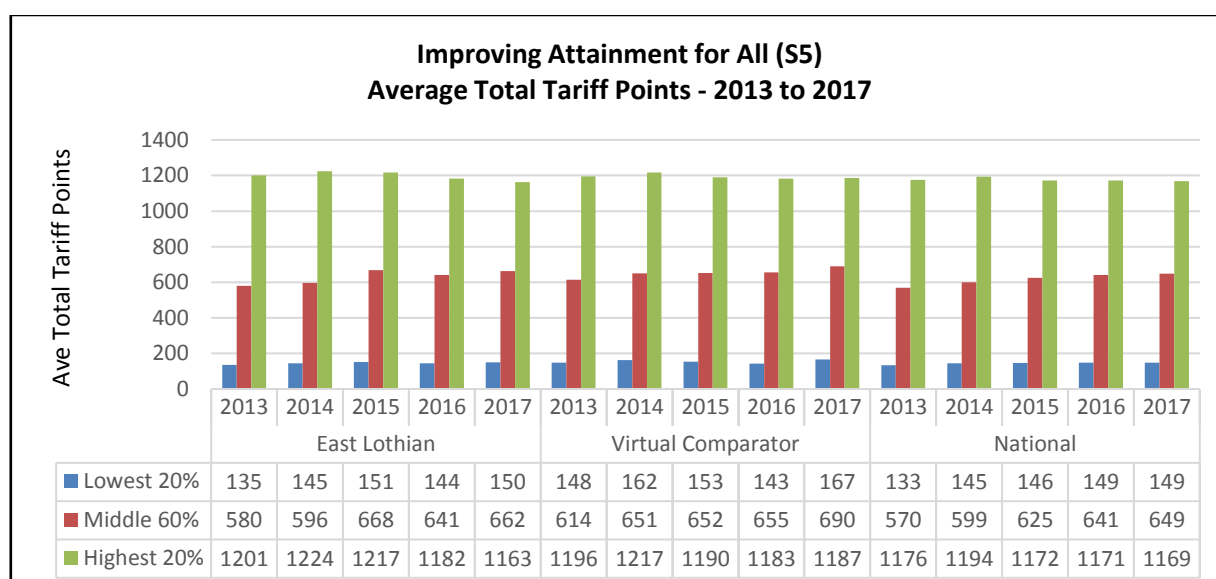
- The significance of comparisons is not currently tested in Insight for attainment by pupil characteristic, e.g. looked after (LAC), additional support needs (ASN) or for SIMD (Scottish Index of Multiple Deprivation). It is also not currently tested for Course measures.
- Comparison of measures over time in Insight should be treated with caution as earlier years' figures relate to different qualifications, assessment arrangements and progression pathways, including where early S3 presentations took place.
- 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 East Lothian 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 or score point change over the number of years given. A positive value (coloured green) indicates an improving trend on average over the period and a negative value (coloured red) indicates a declining trend.

2. Local Benchmarking Measure: Improving Attainment for All

This measure groups candidates according to their whole-school attainment as measured by their total tariff points into three attainment groups. The three groups are: the lowest-scoring 20 per cent of pupils, the highest-scoring 20 per cent and the middle 60 per cent. For each pupil the tariff score is the total of the tariff points associated with each of the eligible 'latest and best' awards they have achieved by the end of each stage. Awards that have been superseded by the pupil progressing to a higher-level award in the same subject are excluded, as are awards achieved when the pupil was in S1–S3. For example, if a pupil has National 5 English and Higher English then only the points for the Higher are included. These tariff scores are then averaged over all the pupils in the particular attainment group.

Figures 1 and 2 that follow show the average total tariff score by S5 and S6 of the full S4 year group across East Lothian. It includes those pupils who left before those stages over the five-year period.

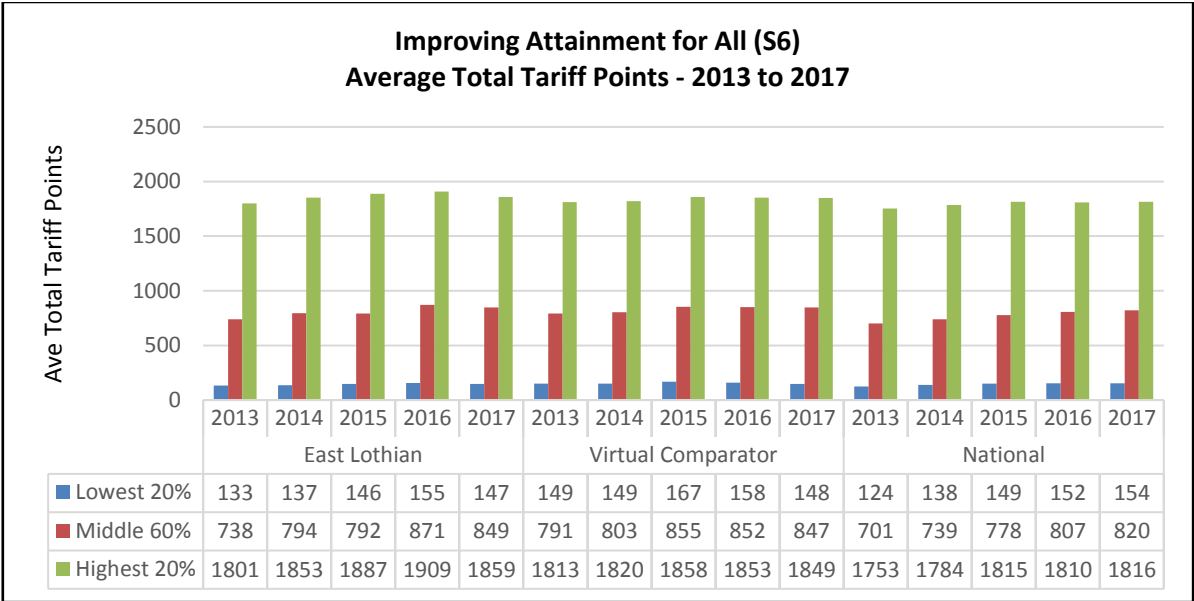
Figure 1: Average total tariff score of the full S4 year group within each attainment group by end of S5 since 2012/13



Comments on Figure 1:

- The Lowest 20% and Middle 60% attaining groups by the end of S5 in East Lothian show a fluctuating but overall improved trend across the five-year period with both groups showing a slight increase in their average total tariff score in 2017 on the previous year. Similar to the Virtual Comparator and National Average, the Highest 20% attaining group in East Lothian shows a drop in scores each year since 2014. As a result the gap between the Lowest 20% and Highest 20% attaining groups in East Lothian and nationally has reduced slightly over the five year period.
- The East Lothian Performance at S5 across the five years has typically been in line with both the National Average and Virtual Comparator with the exception of 2014 where Insight testing has found that East Lothian’s performance in the Middle 60% was statistically lower.

Figure 2: The average total tariff score of the full S4 year group within each attainment group by the end of S6 since 2012/13



Comments on Figure 2:

- All three attainment groups by the end of S6 in East Lothian show a slight drop in their average tariff score in 2017 on the previous year but an overall improved trend over the five-year period. The score gap between those in the Lowest 20% and Highest 20% attaining groups shows a slight increase over the five-year period as both groups improved their scores. This increase is also reflected in the National Average and in the Virtual Comparator performance.
- East Lothian’s performance at S6 across the three attaining groups has been typically in line with the Virtual Comparator. Where there are variances, Insight testing has not found this to be statistically significant.

Table 1 further presents the average point difference between the East Lothian and the Virtual Comparator average total tariff scores within each attainment group over the five-year period. The ‘trend’ indicator is also provided for each of the attainment groups to show the increase or decrease of the East Lothian average total tariff score over time as well as the East Lothian 3 Year and 5 Year average.

Table 1.../

Table 1: Average Point Difference between the average total tariff score for East Lothian and the Virtual Comparator within each attainment group since 2012/13

		Average Point Difference between ELC & VC scores					ELC Ave Total Tariff Score			
	East Lothian Attainment Group	2013	2014	2015	2016	2017	ELC 3 Yr Ave	5 Yr point net (+/-) change	ELC 5 Yr Trend	Insight testing found that the following comparisons were significant:
S5	Lowest Attaining 20%	-13	-17	-2	1	-17	148	15	3.75	
	Middle Attaining 60%	-34	-55	16	-14	-28	657	82	20.50	<i>ELC Performance is lower than its Virtual Comparator in 2014</i>
	Highest Attaining 20%	5	7	27	-1	-24	1187	-38	-9.50	
S6	Lowest Attaining 20%	-16	-12	-21	-3	-1	149	14	3.50	
	Middle Attaining 60%	-53	-9	-63	19	2	837	111	27.75	
	Highest Attaining 20%	-12	33	29	56	10	1885	58	14.50	

3. Local Benchmarking Measure: Literacy and Numeracy

Figures 3 to 6 and Tables 2 to 5 in this section detail the percentage of the full S4 year group that achieved Literacy and/or numeracy from 2012/13 to 2016/17 to at least SCQF Levels 3 to 6 by the end of S5 or S6.

Tables 6 and 7 further break this information down separately for Literacy & Numeracy.

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 Mathematics at that level, or qualification identified by SQA as having sufficient content to include within the measure.

Figure 3.../

Figure 3: Literacy and Numeracy achievement for the full S4 year group at SCQF Levels 3 and 4 by the end of S5 in each year from 2011/12 to 2015/16

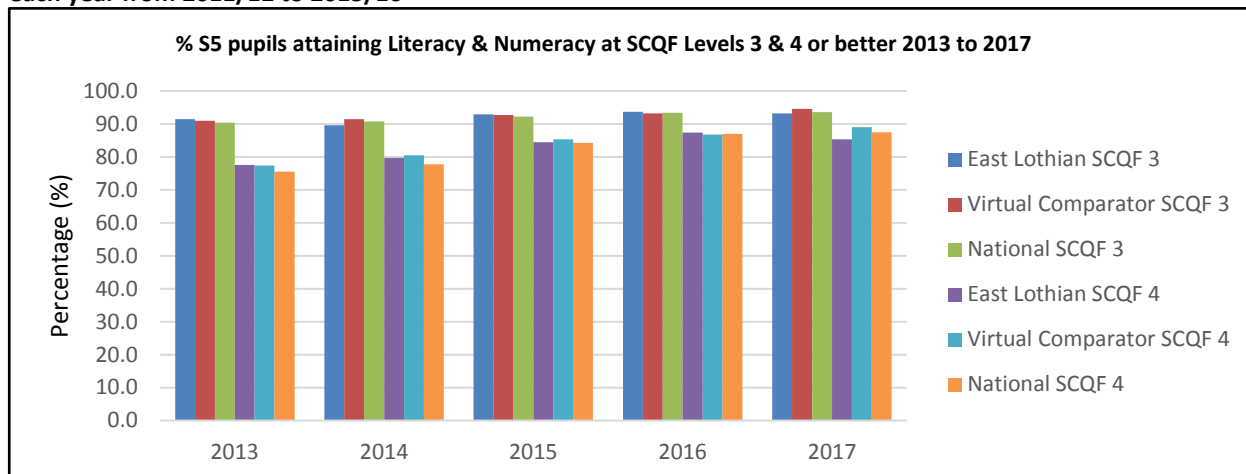


Table 2 - % S5 Pupils attaining Literacy & Numeracy at SCQF Levels 3 & 4 or better

Establishment	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
East Lothian SCQF 3	91.5	89.7	93.0	93.7	93.2	93.3	-0.5	0.43	1.7
Virtual Comparator SCQF 3	91.0	91.4	92.7	93.3	94.5	93.5	1.3	0.89	3.6
National SCQF 3	90.4	90.8	92.2	93.4	93.6	93.1	0.1	0.80	3.2
East Lothian SCQF 4	77.6	79.7	84.5	87.4	85.3	85.7	-2.1	1.92	7.7
Virtual Comparator SCQF 4	77.3	80.5	85.3	86.8	89.1	87.1	2.2	2.93	11.7
National SCQF 4	75.5	77.8	84.2	87.0	87.5	86.3	0.5	3.00	12.0

Comments on Figure 3 and Table 2:

- East Lothian’s S5 performance at SCQF Levels 3 and 4 or better shows a fluctuating but overall improved trend with both levels showing a slight % decrease in 2017 on the previous year.
- East Lothian’s S5 % at SCQF Level 3 and 4 has been typically in line with both the National Average and the Virtual Comparator over the five years with the exception of Literacy and Numeracy at SCQF Level 4 in 2017 where Insight Testing found East Lothian’s performance is lower than the Virtual Comparator.

Figure 4: Literacy and Numeracy achievement at SCQF Levels 5 and 6 for the full S4 year group by the end of S5 in each year from 2012/13 to 2016/17

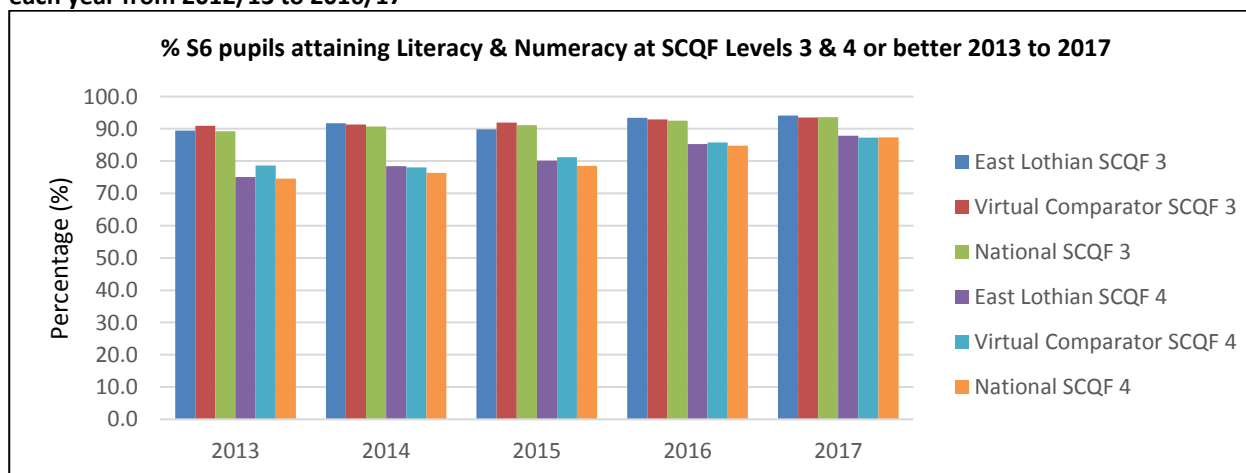


Table 3 - % S6 Pupils attaining Literacy & Numeracy at SCQF Levels 3 & 4 or better

Establishment	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
East Lothian SCQF 3	89.4	91.8	89.8	93.4	94.1	92.4	0.7	1.17	4.7
Virtual Comparator SCQF 3	90.9	91.3	91.9	92.9	93.5	92.8	0.6	0.65	2.6
National SCQF 3	89.3	90.7	91.1	92.5	93.6	92.4	1.1	1.09	4.3
East Lothian SCQF 4	75.1	78.4	80.2	85.3	87.8	84.4	2.6	3.19	12.8
Virtual Comparator SCQF 4	78.6	78.1	81.2	85.8	87.3	84.7	1.5	2.16	8.6
National SCQF 4	74.6	76.4	78.6	84.8	87.4	83.6	2.6	3.19	12.8

Comments on Figure 4 and Table 3:

- East Lothian’s S6 performance at SCQF Levels 3 and 4 or better shows an improving trend with both showing a further % increase in 2017 on the previous year.
- East Lothian’s S6 % at SCQF Level 3 and 4 has been typically in line with both the National Average and the Virtual Comparator.
- Where the S6 % has been above or below the Virtual Comparator, Insight Testing found that there were no significant comparisons for this measure.

Figure 5: Literacy and Numeracy achievement at SCQF Levels 3 and 4 for the full S4 year group by the end of S6 in each year from 2012/13 to 2016/17

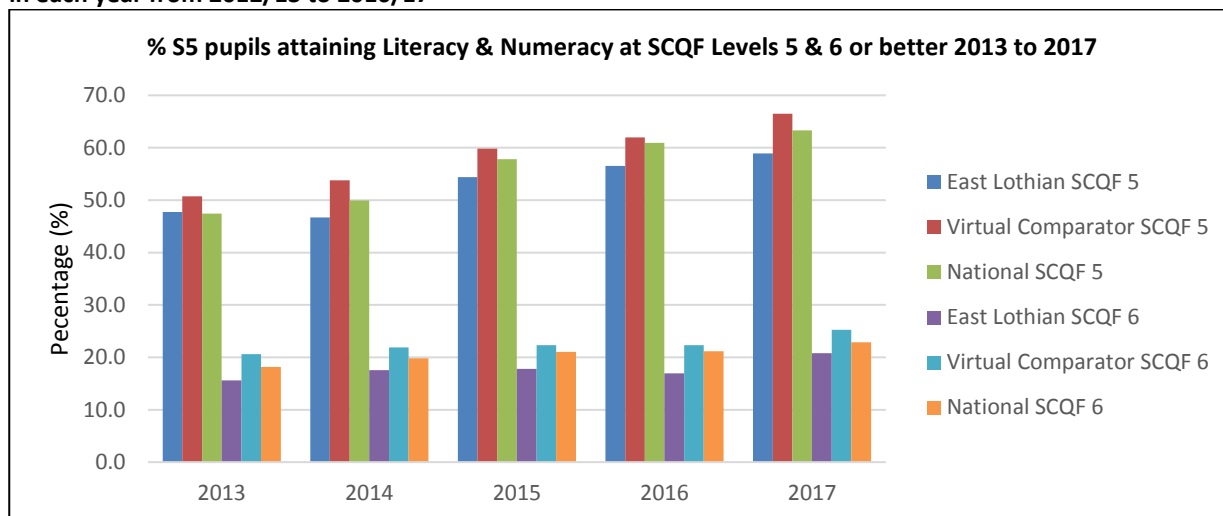


Table 4 - % S5 Pupils attaining Literacy & Numeracy at SCQF Levels 5 & 6 or better

Establishment	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
East Lothian SCQF 5	47.7	46.7	54.4	56.5	58.9	56.6	2.4	2.81	11.2
Virtual Comparator SCQF 5	50.7	53.8	59.8	61.9	66.5	62.7	4.5	3.94	15.8
National SCQF 5	47.5	49.9	57.8	60.9	63.3	60.7	2.4	3.96	15.9
East Lothian SCQF 6	15.6	17.6	17.8	16.9	20.8	18.5	3.9	1.30	5.2
Virtual Comparator SCQF 6	20.6	21.9	22.3	22.3	25.3	23.3	3.0	1.17	4.7
National SCQF 6	18.2	19.8	21.0	21.2	22.9	21.7	1.7	1.18	4.7

Comments on Figure 5 and Table 4:

- East Lothian’s S5 performance at SCQF Levels 5 and 6 or better shows a fluctuating but overall improved trend over the five-year period, with the performance at both levels in 2017 showing an increase on the previous year.
- East Lothian’s S5 % at both SCQF Levels is typically lower than the Virtual Comparator and National Average. Insight testing found that the following comparisons were significant for this measure:
 - ELC Performance at SCQF Level 5 is lower than the Virtual Comparator in 2014 & 2017; and
 - at SCQF Level 6 is lower than the Virtual Comparator each year with the exception of 2014.

Figure 6: Literacy and Numeracy achievement at SCQF Levels 5 and 6 for the full S4 year group by the end of S6 in each year from 2012/13 to 2016/17

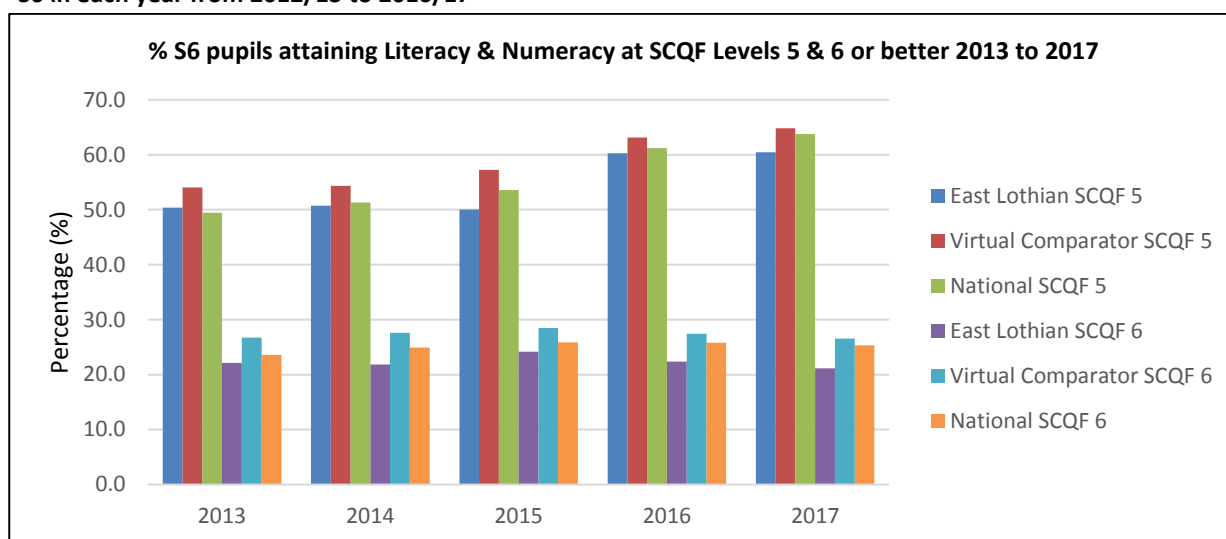


Table 5 - % S6 Pupils attaining Literacy & Numeracy at SCQF Levels 5 & 6 or better

Establishment	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
East Lothian SCQF 5	50.4	50.7	50.1	60.3	60.4	56.9	0.1	2.52	10.1
Virtual Comparator SCQF 5	54.0	54.3	57.2	63.1	64.8	61.7	1.7	2.69	10.8
National SCQF 5	49.5	51.3	53.6	61.2	63.8	59.5	2.6	3.58	14.3
East Lothian SCQF 6	22.1	21.8	24.2	22.4	21.1	22.6	-1.2	-0.25	-1.0
Virtual Comparator SCQF 6	26.7	27.6	28.5	27.4	26.6	27.5	-0.8	-0.03	-0.1
National SCQF 6	23.6	24.9	25.9	25.8	25.3	25.7	-0.5	0.44	1.8

Comments on Figure 6 and Table 5:

- East Lothian’s S6 performance at SCQF Level 5 or better shows an improving trend over the five-year period with the 2017 performance showing a slight increase on the previous year. The performance at SCQF Level 6 or better shows a relatively static trend with the 2017 performance dropping slightly on the previous year.
- East Lothian’s S6 % at both SCQF Levels is typically lower than the Virtual Comparator and National Average. Insight Testing found that the following comparisons were significant for this measure:

- ELC Performance at SCQF Level 5 is lower than the Virtual Comparator in 2015 & 2017; and
- lower than the Virtual Comparator at SCQF Level 6 across years 2013 to 2014 and 2016 to 2017.

Tables 6 and 7 below break this information down separately for Literacy & Numeracy by the end of each stage.

Table 6: Literacy and Numeracy achievement for the full S4 year group by the end of S5 in each year from 2012/13 to 2016/17

	Year	Literacy				Numeracy			
		3+	4+	5+	6+	3+	4+	5+	6+
East Lothian	2012/13	93.82	90.42	63.65	30.80	94.27	80.04	51.84	20.95
	2013/14	93.89	91.45	63.35	29.79	92.29	81.11	50.75	24.25
	2014/15	95.00	92.30	73.82	43.50	94.51	85.95	56.79	21.85
	2015/16	95.37	93.71	73.82	43.94	95.28	88.44	58.46	20.81
	2016/17	96.50	92.41	79.12	50.45	95.30	88.21	60.24	24.08
	+on 2016	1.13	-1.30	5.30	6.51	0.02	-0.23	1.78	3.27
	3yr ave	95.62	92.81	75.59	45.96	95.03	87.53	58.50	22.25
	5yr trend ¹	0.67	0.50	3.87	4.91	0.26	2.04	2.10	0.78
Virtual Comparator	2012/13	94.23	91.08	65.66	34.28	93.29	78.91	54.88	26.81
	2013/14	94.60	92.27	68.64	37.30	93.52	82.08	58.07	28.15
	2014/15	95.38	92.41	74.90	43.39	94.25	87.08	62.55	26.31
	2015/16	95.16	92.48	76.13	47.51	94.70	88.34	64.38	25.40
	2016/17	96.32	94.26	80.99	52.19	95.74	90.41	68.79	28.31
	+on 2016	1.16	1.78	4.86	4.68	1.04	2.07	4.41	2.91
	3yr ave	95.62	93.05	77.34	47.70	94.90	88.61	65.24	26.67
	5yr trend ¹	0.52	0.80	3.83	4.48	0.61	2.88	3.48	0.38
National	2012/13	93.96	90.34	62.09	31.54	92.75	77.17	51.96	23.95
	2013/14	94.27	91.07	64.86	33.94	93.09	79.54	54.45	25.63
	2014/15	94.99	91.64	73.26	41.33	93.87	85.97	61.07	24.98
	2015/16	95.49	93.02	76.25	46.04	94.90	88.65	63.72	24.17
	2016/17	95.71	93.31	78.68	48.70	95.14	89.17	65.78	25.79
	+on 2016	0.22	0.29	2.43	2.66	0.24	0.52	2.06	1.62
	3yr ave	95.40	92.66	76.06	45.36	94.64	87.93	63.52	24.98
	5yr trend ¹	0.44	0.74	4.15	4.29	0.60	3.00	3.46	0.46

Comments on Table 6:

- **S5 Literacy Achievement** - East Lothian's S5 performance across SCQF Levels 3 to 6 for Literacy shows an improved trend over the five-year period with the 2017 performance showing further improvement on the previous year at SCQF Levels 3, 5 and 6 or better and a slight drop at Level 4.
- East Lothian's S5 % performance across the SCQF levels has typically been in line with its Virtual Comparator and the National Average with the exception of a couple of years. Insight testing has found that the following comparisons were significant in these years:
 - East Lothian's S5 Literacy performance at SCQF Level 4 in 2017 and SCQF Levels 5 & 6 in 2014 is lower than the Virtual Comparator

- **S5 Numeracy Achievement** - East Lothian's S5 performance across SCQF Levels 3 to 5 for Numeracy shows a slight improvement over the five-year period with the 2017 performance showing an improvement on the previous year at SCQF Levels 5 & 6 and relatively static at Levels 3 and 4.
- East Lothian's S5 % performance at SCQF Levels 3 and 4 have typically been in line with the Virtual Comparator and the National Average while at SCQF Levels 5 & 6 the performance has typically been lower. Insight testing has found that the following comparisons were significant:
 - East Lothian's S5 Numeracy performance at SCQF Level 5 across the five years is lower than the Virtual Comparator with the exception of 2013; and
 - lower at SCQF Level 6 across the five years with the exception of 2014.

Table 7: Literacy and Numeracy achievement for the full S4 year group by the end of S6 in each year from 2011/12 to 2015/16

	Year	Literacy				Numeracy			
		3+	4+	5+	6+	3+	4+	5+	6+
East Lothian	2012/13	91.80	87.89	65.21	43.17	93.53	79.14	52.46	26.32
	2013/14	93.83	90.52	66.64	42.31	94.45	80.68	53.85	27.64
	2014/15	94.05	91.69	65.72	46.84	92.45	81.59	53.82	28.05
	2015/16	95.47	92.67	75.31	53.42	94.70	86.60	62.30	25.46
	2016/17	95.48	93.82	75.92	51.20	95.57	88.75	61.62	25.28
	+on 2016	0.01	1.15	0.61	-2.22	0.87	2.15	-0.68	-0.18
	3yr ave	95.00	92.73	72.32	50.49	94.24	85.65	59.25	26.26
	5yr trend ¹	0.92	1.48	2.68	2.01	0.51	2.40	2.29	-0.26
Virtual Comparator	2012/13	94.41	91.27	68.57	45.72	93.13	80.27	57.64	31.33
	2013/14	94.43	91.23	68.51	46.70	93.49	79.54	57.88	32.38
	2014/15	94.83	92.49	71.35	49.41	93.81	82.73	60.91	33.36
	2015/16	95.53	92.62	76.52	54.22	94.39	87.45	65.44	30.00
	2016/17	95.42	92.68	77.32	55.27	94.90	88.72	66.97	28.79
	+on 2016	-0.11	0.06	0.80	1.05	0.51	1.27	1.53	-1.21
	3yr ave	95.26	92.60	75.06	52.97	94.37	86.30	64.44	30.72
	5yr trend ¹	0.25	0.35	2.19	2.39	0.44	2.11	2.33	-0.64
National	2012/13	92.98	89.18	63.49	41.26	91.93	76.41	53.16	28.01
	2013/14	94.17	90.64	65.35	43.49	93.04	77.98	55.13	29.54
	2014/15	94.48	91.36	67.94	45.90	93.36	80.23	57.33	30.49
	2015/16	95.20	91.94	75.04	51.95	94.09	86.40	63.92	28.59
	2016/17	95.59	93.15	77.36	54.10	95.04	88.97	66.37	27.73
	+on 2016	0.39	1.21	2.32	2.15	0.95	2.57	2.45	-0.86
	3yr ave	95.09	92.15	73.45	50.65	94.16	85.20	62.54	28.94
	5yr trend ¹	0.65	0.99	3.47	3.21	0.78	3.14	3.30	-0.07

Comments on Table 7:

- **S6 Literacy Achievement** - East Lothian's S6 performance across SCQF Levels 3 to 5 for Literacy shows an improved trend over the five-year period with the 2017 performance showing further improvement on the previous year at SCQF Level 4 and a slight drop at SCQF Level 6 of 2% following a particularly good performance in 2016.

- East Lothian’s S6 % performance across the SCQF levels has typically been in line with its Virtual Comparator and in line with or above the National Average with the exception of SCQF Level 5 in 2015 where Insight testing found that the following comparison was significant:
 - East Lothian’s S6 Literacy performance at SCQF Level 5 in 2015 is lower than the Virtual Comparator.
- **S6 Numeracy Achievement** - East Lothian’s S6 performance across SCQF Levels 3 to 5 for Numeracy shows a fluctuating but overall improved trend over the five-year period with the 2017 performance showing further improvement on the previous year at SCQF Level 3 & 4 and relatively static at SCQF Levels 5 & 6.
- East Lothian’s S6 % performance at SCQF Levels 3 and 4 has typically been in line with its Virtual Comparator and in line with or above the National Average. At SCQF Levels 5 & 6 the performance has typically been lower. Insight testing has found that the following comparisons were significant:
 - East Lothian’s S6 Numeracy performance at SCQF Level 5 is lower than the Virtual Comparator in 2013, 2015 & 2017; and
 - lower at SCQF Level 6 across the five years.

4. Local Benchmarking Measure: Attainment versus Deprivation

This measure considers the attainment of candidates at each stage broken down into ten deciles according to the Scottish Index of Multiple Deprivation (SIMD). Decile 1 refers 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.

Figures 7 and 8 overleaf show the average total tariff scores within each SIMD decile band of all East Lothian pupils in S5 and S6 in 2017 compared with the Virtual Comparator. The grey circles represent the Virtual Comparator and the blue circles represent East Lothian. 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.

The full breakdown of East Lothian’s S5 and S6 year groups living within each ten SIMD deciles over the last five years can be viewed in Tables 8 and 10.

Attainment versus deprivation – S5

Table 8: Percentage of East Lothian S5 year group within each SIMD Decile Band since 2012/13

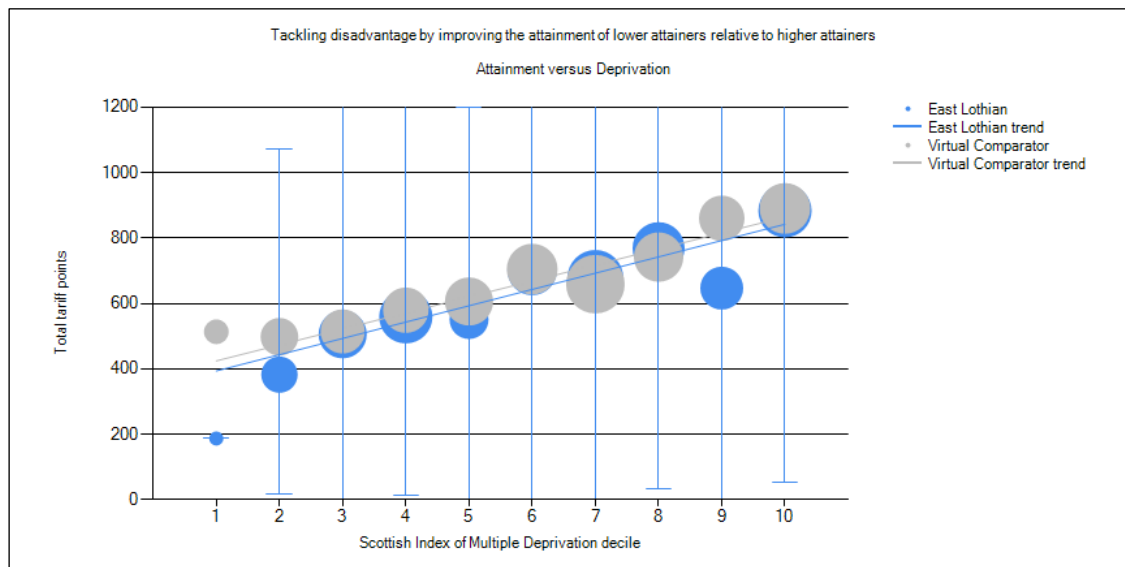
Establishment	Year of leaving	% of Total Cohort within each SIMD Decile Band									
		Most Deprived 1	2	3	4	5	6	7	8	9	Least Deprived 10
East Lothian	2012/13	*	5.5	13.0	8.5	11.3	6.7	25.5	9.4	6.0	14.0
	2013/14	*	4.9	10.0	10.0	10.1	8.3	27.6	10.7	7.1	11.4
	2014/15		5.6	10.0	7.2	10.6	7.2	27.9	12.0	6.4	13.1
	2015/16		5.1	11.5	7.7	12.4	8.0	30.4	8.4	5.7	10.8
	2016/17	*	4.9	11.0	14.6	6.4	11.5	16.3	13.1	8.0	14.3
	3 Yr Ave	*	5.2	10.8	9.8	9.8	8.9	24.9	11.2	6.7	12.7
	5 Yr Ave	*	5.2	11.1	9.6	10.1	8.3	25.6	10.7	6.6	12.7

Note: Where the % is based on a pupil cohort of less than 5 but greater than 0, the ‘% of Total Cohort’ has been suppressed with an asterisk (*) to avoid identification of individual pupils.

Comments on Table 8:

- On average 16% of the East Lothian’s S5 year group lies within deciles 1-3 (30% most deprived areas in Scotland according to SIMD), 30% within deciles 8-10 (30% least deprived areas in Scotland) and 54% within deciles 4-7 (the remaining middle 40% of SIMD areas).

Figure 7: Average total tariff scores of all S5 year group in 2016/17 compared with the Virtual Comparator, broken down by SIMD band of residence



Comments on Figure 7:

- The position of East Lothian’s circles in Figure 7 above compared to the Virtual Comparator circles along the trend line would suggest that East Lothian’s performance in 2017 is roughly in line with its Virtual Comparator across the ten SIMD deciles. Where there are variances Insight testing has not found these to be statistically significant.
- It is important to be aware of the numbers of young people appearing in each of these deciles. The circle in decile 2 is relatively small, reflecting the fact that it represents only 5% of the S6 year group in East Lothian in 2016/17.

Table 9 below shows the average total tariff scores within each SIMD decile band for the full S4 year group by the end of S5 in East Lothian since 2012/13 compared with its Virtual Comparator and the National Average.

Table 9: Average total tariff scores of the full S4 year group by the end of S5 since 2012/13, broken down by SIMD band of residence

Establishment	Year of leaving	SIMD Decile Band									
		Most Deprived 1	2	3	4	5	6	7	8	9	Least Deprived 10
East Lothian	2012/13	82	365	442	468	545	604	648	742	754	832
	2013/14	466	429	422	448	511	610	648	850	740	876
	2014/15		425	491	548	633	671	698	762	767	853
	2015/16		371	466	526	571	598	682	807	857	874
	2016/17	187	383	506	599	551	701	678	769	647	884
	+/- on 2016		12	40	73	-20	103	-4	-38	-210	10
	3 Yr Ave		393	488	558	585	657	686	779	757	870
	5 Yr Trend ¹		5	16	33	2	24	8	7	-27	13

Establishment	Year of leaving	SIMD Decile Band									
		Most Deprived 1	2	3	4	5	6	7	8	9	Least Deprived 10
Virtual Comparator	2012/13	448	422	465	505	594	624	669	699	785	854
	2013/14	513	475	502	565	581	632	701	719	792	885
	2014/15	441	486	489	555	614	655	664	705	802	866
	2015/16	416	470	504	563	619	625	679	718	798	893
	2016/17	513	498	514	579	606	705	659	742	861	891
	+/- on 2016	97	28	10	16	-13	80	-20	24	63	-2
	3 Yr Ave	457	485	502	566	613	662	667	722	820	883
	5 Yr Trend ¹	16	19	12	19	3	20	-3	11	19	9

Comments on Table 9:

- East Lothian's S5 performance across the deciles over the five-year period is roughly in line with its Virtual Comparator. Where there are larger variances Insight testing has not found these to be statistically significant.
- As with the National Average and the Virtual Comparator, S5 pupils living in the most deprived areas typically have a lower total tariff score on average than those pupils living in the least deprived areas. Those S5 pupils living in the least 20% deprived areas typically have an average total tariff score twice as large as those living in the most 20% deprived areas. The gap between the average score of those living in the most 20% deprived areas and the least 20% deprived areas has fluctuated but reduced slightly overall across the five years from 398 points in 2013 to 387 points in 2017.

Attainment versus deprivation – S6

Table 10 below shows the full breakdown of East Lothian's S6 year group living within each of the ten SIMD deciles over the last five years.

Table 10: Percentage of East Lothian S6 year group within each SIMD Decile Band since 2012/13

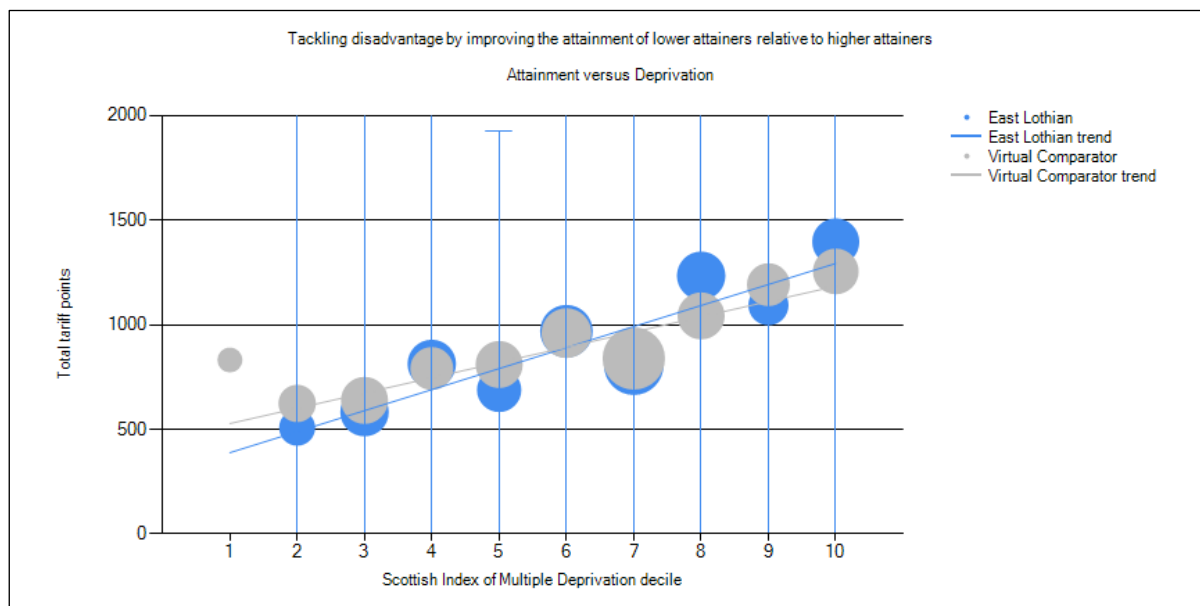
Establishment	Year of leaving	% of Total Cohort within each SIMD Decile Band									
		Most Deprived 1	2	3	4	5	6	7	8	9	Least Deprived 10
East Lothian	2012/13	*	4.9	10.8	9.6	11.8	7.7	26.8	8.9	7.5	11.9
	2013/14	*	5.2	12.7	8.5	11.5	7.1	25.7	9.2	6.0	14.0
	2014/15		4.3	9.9	10.4	10.0	8.5	27.8	10.7	6.9	11.5
	2015/16		5.8	10.1	7.8	10.5	7.4	27.5	11.9	6.3	12.7
	2016/17		5.3	11.2	11.4	9.0	14.0	19.8	11.7	6.9	10.7
	3 Yr Ave	*	5.1	10.4	9.9	9.9	10.0	25.0	11.4	6.7	11.7
	5 Yr Ave	*	5.1	10.9	9.5	10.6	9.0	25.5	10.5	6.7	12.2

Note: Where the % is based on a pupil cohort of less than 5 but greater than 0, the '% of Total Cohort' has been suppressed with an asterisk (*) to avoid identification of individual pupils.

Comments on Table 10:

- On average 16% of the East Lothian's S6 cohort lies within deciles 1-3 (30% most deprived areas in Scotland according to SIMD), 29% within deciles 8-10 (30% least deprived areas in Scotland) and 55% within deciles 4-7 (the remaining middle 40% of SIMD areas).

Figure 8: Average total tariff scores of S6 year group in 2016/17 compared with the Virtual Comparator, broken down by SIMD band of residence



Comments on Figure 8:

- The position of East Lothian’s circles in Figure 8 above compared to the Virtual Comparator circles along the trend line would suggest that East Lothian’s performance in 2017 is roughly in line with its Virtual Comparator across the ten SIMD deciles. Where there are variances Insight testing has not found these to be statistically significant.

Table 11 below shows the average total tariff scores within each SIMD decile band for the full S4 year group by the end of S6 in East Lothian since 2012/13 compared with its Virtual Comparator and the National Average.

Table 11: Average total tariff scores of the full S4 year group by the end of S6 since 2012/13, broken down by SIMD band of residence

Establishment	Year of leaving	SIMD Decile Band									
		Most Deprived 1	2	3	4	5	6	7	8	9	Least Deprived 10
East Lothian	2012/13	414	449	533	539	662	768	899	1076	981	1268
	2013/14	500	437	632	615	791	789	920	1072	1107	1226
	2014/15		525	566	587	721	842	884	1257	1033	1286
	2015/16		576	631	698	893	922	983	1023	1066	1286
	2016/17		507	582	813	688	969	806	1234	1093	1397
	+/- on 2016		-69	-49	115	-205	47	-177	211	27	111
	3 Yr Ave		536	593	699	767	911	891	1171	1064	1323
	5 Yr Trend ¹		15	12	69	7	50	-23	40	28	56
Virtual Comparator	2012/13	480	550	574	661	776	868	921	988	1081	1210
	2013/14	712	561	614	692	795	865	910	980	1093	1215
	2014/15	811	617	656	766	784	866	961	999	1121	1271
	2015/16	713	646	643	741	831	904	916	978	1160	1242
	2016/17	831	624	638	791	810	960	839	1042	1192	1255
	+/- on 2016	118	-22	-5	50	-21	56	-77	64	32	13
	3 Yr Ave	785	629	646	766	808	910	905	1006	1158	1256
	5 Yr Trend ¹	88	19	16	33	9	23	-21	14	28	11

Comments on Table 11:

- East Lothian’s S6 performance across the deciles over the five-year period is roughly in line with its Virtual Comparator. Where there are larger variances Insight testing has not found these to be statistically significant.
- As with the National Average and the Virtual Comparator, S6 pupils living in the most deprived areas typically have a lower total tariff score on average than those pupils living in the least deprived areas. The gap between the average score of those living in the most 20% deprived areas and the least 20% deprived areas has fluctuated but reduced overall across the five years from 568 points in 2013 to 465 points in 2017.

5. Course Measures: Leavers Breadth and Depth Trends 2013 to 2017

This section reviews the performance of attainment in SQA graded courses at SCQF Levels 5 to 7 using breadth and depth measures for S5 and S6 pupils across East Lothian since 2012/13.

The breadth and depth measures are heavily influenced by a school’s curricular model. In particular, differences between the assessment arrangements for the new National Qualifications at SCQF Level 5 compared with the previous Standard Grade qualification, means the 2014 to 2017 and earlier years’ data is not directly comparable. Similarly, 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 also not be fully comparable with previous years.

The percentages are based on cumulative awards and reflect the number of pupils at each relevant stage achieving at least the given number of SQA National courses at grades A-C to at least the given SCQF level since 2012/13. The percentages are calculated as a proportion of the relevant S4 cohort (as at census) associated with each year group.

Table 12 below shows the latest and best attainment by the end of S5 in East Lothian for the following breadth and depth measures:

- 1 or more, 3 or more, and 5 or more awards at SCQF Level 5 (National 5) or better; and
- 1 or more, 3 or more, and 5 or more awards at SCQF Level 6 (Higher) or better

Table 12 – S5 Pupils East Lothian Breadth and Depth Data to 2017

% East Lothian S5 attaining (based on S4 roll)	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
1 or more awards at Level 5	80.7%	79.3%	83.1%	84.2%	84.5%	83.9%	0.3%	1.0%	3.9%
3 or more awards at Level 5	63.7%	61.8%	68.0%	67.4%	69.6%	68.3%	2.2%	1.5%	6.0%
5 or more awards at Level 5	47.6%	46.3%	50.9%	48.2%	53.7%	50.9%	5.5%	1.5%	6.0%
1 or more awards at Level 6	45.9%	49.1%	56.4%	55.6%	57.2%	56.4%	1.6%	2.8%	11.3%
3 or more awards at Level 6	28.3%	28.3%	34.9%	35.1%	38.5%	36.2%	3.4%	2.5%	10.2%
5 or more awards at Level 6	13.2%	14.4%	15.4%	15.7%	17.7%	16.3%	2.0%	1.1%	4.5%

Table 13 overleaf further details the percentage point difference between the East Lothian performance and the Virtual Comparator.

Table 13.../

Table 13 – S5 ELC % Performance (+/-) Compared to Virtual Comparator

% East Lothian S5 attaining (based on S4 roll)	2013	2014	2015	2016	2017
1 or more awards at Level 5	-1.8%	-5.2%	-0.8%	0.8%	-1.7%
3 or more awards at Level 5	-2.8%	-6.8%	-0.1%	-1.1%	-2.0%
5 or more awards at Level 5	-3.9%	-8.3%	0.3%	-3.2%	-1.5%
1 or more awards at Level 6	-4.3%	-4.8%	-0.5%	-0.9%	-1.5%
3 or more awards at Level 6	-1.4%	-5.4%	-0.7%	-1.2%	0.0%
5 or more awards at Level 6	0.3%	-1.7%	-1.6%	-1.4%	-1.2%

Comments on Tables 12 and 13:

- East Lothian's performance in 2017 across the reported breadth and depth measures shows an increase on the previous year to East Lothian's highest performance to date and an overall improved trend over the five-year period. The most significant increases have been in the % attaining '1 or more awards at Level 6' and '3 or more awards at Level 6', increasing by 11 and 10 percentage points respectively between 2013 and 2017. The increases in each of the reported measures across the five years have brought the authority performance more in line with its Virtual Comparator over the last three years.

Table 14 below shows the latest and best attainment by the end of S6 in East Lothian for the following breadth and depth measures:

- 1 or more, 3 or more, and 5 or more awards at SCQF Level 5 (National 5) or better;
- 1 or more, 3 or more, and 5 or more awards at SCQF Level 6 (Higher) or better; and
- 1 or more awards at SCQF Level 7 (Advanced Higher) or better

Table 14 – S6 East Lothian Breadth and Depth Data to 2017

% East Lothian S6 attaining (based on S4 roll)	2013	2014	2015	2016	2017	3 Year Ave	2017 % point change (+/-)	5 Year Trend	5 Yr % point net change (+/-)
1 or more awards at Level 5	79.1%	81.5%	80.1%	83.3%	84.8%	82.7%	1.5%	1.4%	5.7%
3 or more awards at Level 5	64.8%	67.6%	65.0%	70.6%	70.7%	68.7%	0.1%	1.5%	5.9%
5 or more awards at Level 5	53.2%	54.1%	51.3%	55.8%	55.0%	54.0%	-0.9%	0.4%	1.8%
1 or more awards at Level 6	54.9%	56.0%	57.4%	61.0%	61.5%	60.0%	0.5%	1.7%	6.6%
3 or more awards at Level 6	38.9%	40.2%	40.3%	45.9%	43.9%	43.4%	-2.0%	1.3%	5.0%
5 or more awards at Level 6	27.1%	27.5%	26.4%	30.2%	30.1%	28.9%	-0.1%	0.8%	3.0%
1 or more awards at Level 7	17.9%	20.5%	18.8%	21.3%	20.2%	20.1%	-1.1%	0.6%	2.3%

Table 15 below further details the percentage point difference between the East Lothian performance and the Virtual Comparator.

Table 15 – S6 ELC % Performance (+/-) Compared to Virtual Comparator

% East Lothian S6 attaining (based on S4 roll)	2013	2014	2015	2016	2017
1 or more awards at Level 5	-3.8%	-1.4%	-4.9%	-1.1%	0.8%
3 or more awards at Level 5	-3.9%	-1.8%	-6.0%	0.2%	0.0%
5 or more awards at Level 5	-3.2%	-2.7%	-7.5%	-0.5%	-1.9%
1 or more awards at Level 6	-2.4%	-1.7%	-3.1%	-0.9%	0.6%
3 or more awards at Level 6	-2.4%	-2.3%	-3.9%	0.6%	-1.0%
5 or more awards at Level 6	-0.5%	-1.6%	-4.6%	-0.5%	-0.9%
1 or more awards at Level 7	-1.1%	1.9%	-1.2%	1.1%	0.1%

Comments on Tables 14 and 15:

- East Lothian's performance across the reported breadth and depth measures shows a fluctuating but overall improved trend over the five-year period. There was a slight drop in the 2017 performance on the previous year in the % attaining '5 or more awards at Level 5', '3 or more awards at Level 6' and '1 or more awards at Level 7'. The most significant increases over the five years have been in the % attaining '1 or more awards at Level 5', '3 or more awards at Level 5', '1 or more awards at Level 6' and '3 or more awards at Level 6', all increasing by 5 to 7 percentage points bringing the authority performance in 2016 and 2017 more in line with its Virtual Comparator.

6. S4, S5 & S6 Graded Course Measures: 2015 to 2017

This section reviews the performance of attainment in SQA graded courses at National 5, Higher and Advanced Higher at particular stages across East Lothian against the National Average since 2014/15.

Tables 16 to 19 show the % of pupils with resulted entries who gained an award at 'Grade A-C' in each subject for the last three years. A percentage point difference between the East Lothian and National performance is also provided within each year and for the three-year average to show how East Lothian's pass rate compares to the National Average. *Note: 'Resulted entries' means those pupils who were actually presented for an award.*

Colour coding is provided to help visually indicate where the % of East Lothian passes is higher than the National rate (*positive figure in green*) and where the % is lower than the National pass rate (*negative figure in dark red*). These do not necessarily provide an indication of significance.

In addition, information on the size of the East Lothian population presented for each course at each stage, relative to the total number of pupils at each stage, has been provided in the form of '% of Base Cohort'.

When the cohort being compared relates to a small number of pupils (less than 20 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.

Where the resulted entries for a course are based on a pupil cohort of less than 5 but greater than 0, the '% of ELC base cohort' information has been suppressed with an asterisk (*) to avoid identification of individual pupils.

Table 16 .../

Table 16: National 5 Courses at S4, 2015 to 2017 - % Awards at Grades A to C

National 5 Course	Entries (% of ELC S4 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Accounting	*	*	*	*	100.0	86.1	13.9	100.0	85.0	15.0	50.0	85.7	-35.7	83.3	85.6	-2.3
Administration and IT	8.4%	6.3%	5.9%	6.9%	76.7	82.0	-5.3	77.4	81.8	-4.4	82.0	80.7	1.3	78.7	81.5	-2.8
Art and Design	15.9%	15.1%	12.4%	14.5%	76.3	87.2	-10.9	92.0	91.3	0.7	88.3	91.6	-3.3	85.5	90.0	-4.5
Biology	26.4%	30.3%	32.9%	29.8%	80.1	75.3	4.7	79.3	77.7	1.7	78.2	74.8	3.3	79.2	75.9	3.2
Business Management	19.9%	19.2%	17.7%	18.9%	84.4	87.8	-3.4	87.4	86.5	0.8	78.6	79.9	-1.3	83.5	84.7	-1.3
Chemistry	27.1%	25.5%	24.4%	25.7%	71.6	74.6	-3.0	76.7	77.4	-0.7	81.8	77.1	4.7	76.7	76.3	0.3
Computing Science	10.6%	11.7%	11.3%	11.2%	86.7	85.8	0.9	92.2	85.1	7.1	87.1	83.2	3.9	88.7	84.7	4.0
Design and Manufacture	11.7%	10.7%	6.8%	9.7%	88.8	87.5	1.3	84.9	85.5	-0.6	78.6	83.9	-5.3	84.1	85.6	-1.5
Drama	5.6%	4.4%	6.4%	5.5%	95.0	94.0	1.0	100.0	92.9	7.1	92.4	92.4	0.0	95.8	93.1	2.7
Engineering Science	4.9%	4.1%	2.9%	4.0%	84.6	87.2	-2.6	85.4	82.2	3.2	93.3	81.7	11.6	87.8	83.7	4.1
English	52.7%	60.5%	59.0%	57.4%	92.7	91.0	1.7	90.3	90.7	-0.3	90.8	90.1	0.7	91.3	90.6	0.7
Environmental Science	-	0.5%	0.7%	0.6%	-	52.5	-	60.0	48.8	11.2	71.4	40.5	31.0	65.7	47.3	18.5
Fashion and Textile Technology	*	1.7%	*	*	100.0	100.0	0.0	94.1	92.7	1.4	100.0	91.0	9.0	98.0	94.6	3.5
French	18.0%	17.9%	21.1%	19.0%	88.5	89.5	-1.0	83.1	85.6	-2.5	89.5	88.8	0.7	87.0	88.0	-0.9
Geography	20.4%	15.9%	16.7%	17.7%	83.9	82.0	1.9	86.1	81.9	4.2	85.5	75.8	9.7	85.1	79.9	5.2
German	1.6%	8.3%	2.3%	4.1%	88.2	87.8	0.4	80.5	85.7	-5.2	79.2	85.9	-6.8	82.6	86.5	-3.9
Graphic Communication	12.6%	8.1%	8.2%	9.6%	78.4	87.9	-9.5	67.5	78.2	-10.7	92.9	86.9	6.1	79.6	84.3	-4.7
Health and Food Technology	1.3%	1.0%	1.6%	1.3%	78.6	79.9	-1.4	70.0	85.4	-15.4	62.5	74.9	-12.4	70.4	80.1	-9.7
History	20.5%	17.2%	13.6%	17.1%	66.7	81.2	-14.5	57.1	80.7	-23.6	70.7	78.5	-7.8	64.8	80.1	-15.3
Hospitality: Practical Cake Craft	0.8%	0.6%	0.6%	0.6%	100.0	90.1	9.9	100.0	76.6	23.4	100.0	77.6	22.4	100.0	81.4	18.6
Hospitality: Practical Cookery	8.5%	9.3%	6.0%	7.9%	80.2	92.0	-11.7	59.8	86.0	-26.2	62.9	87.8	-24.9	67.6	88.6	-20.9
Latin	1.2%	1.2%	-	1.2%	100.0	98.4	1.6	100.0	97.0	3.0	-	100.0	-	100.0	98.5	1.5
Lifeskills Mathematics	-	*	*	*	-	35.6	-	100.0	46.0	54.0	0.0	49.5	-49.5	50.0	43.7	6.3
Mathematics	40.0%	41.9%	44.1%	42.0%	68.8	70.4	-1.6	80.5	72.2	8.3	73.0	71.8	1.2	74.1	71.4	2.6

National 5 Course	Entries (% of ELC S4 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Modern Studies	19.3%	22.6%	20.0%	20.6%	72.8	79.9	-7.1	78.1	77.8	0.3	76.2	78.2	-2.0	75.7	78.6	-2.9
Music	11.4%	8.6%	10.4%	10.1%	95.9	96.1	-0.2	96.5	95.4	1.0	89.7	94.7	-5.0	94.0	95.4	-1.4
Music Technology	1.1%	1.6%	1.0%	1.2%	91.7	94.1	-2.4	93.8	88.4	5.3	90.0	87.2	2.8	91.8	89.9	1.9
Physical Education	22.1%	22.9%	27.0%	24.0%	93.6	97.2	-3.6	91.2	95.9	-4.7	94.2	95.0	-0.8	93.0	96.0	-3.0
Physics	20.9%	20.7%	20.9%	20.8%	79.8	77.5	2.4	81.5	77.2	4.2	74.9	74.3	0.5	78.7	76.3	2.4
Practical Metalworking	0.9%	0.8%	*	*	100.0	96.5	3.5	100.0	96.6	3.4	100.0	88.7	11.3	100.0	93.9	6.1
Practical Woodworking	4.1%	3.1%	4.4%	3.9%	86.4	95.4	-9.0	96.8	95.0	1.8	88.9	88.5	0.4	90.7	92.9	-2.3
Religious, Moral and Philosophical Studies	8.0%	10.4%	11.6%	10.0%	61.2	80.8	-19.6	52.4	72.3	-19.9	61.7	71.5	-9.8	58.4	74.9	-16.4
Spanish	2.5%	3.0%	3.2%	2.9%	88.9	89.1	-0.2	100.0	90.1	9.9	97.0	89.9	7.1	95.3	89.7	5.6

* = entries based on a pupil cohort of greater than 0 but less than 5

- = no entries in this year

20 pupils equates to approx 2% of the ELC S4 base cohort on average

Comments on East Lothian's S4 performance across the National 5 courses listed in Table 16 above:

- Nat 5 performance at S4 in 2017 in Admin & IT (82%), Chemistry (82%), Engineering Science (93%), French (93%), History (71%), Physical Education (94%), and Religious Moral & Philosophical Studies (62%) was at its highest rate over the three-year period in East Lothian.
- East Lothian's S4 performance in 2017 in Chemistry, Geography, Graphic Communication and Spanish was between 5% and 10% above the National Average.
- East Lothian S4 students also performed better in Engineering Science (+12%), Environmental Science (+31%), Hospitality: Practical Cake Craft (+22%) and Practical Metalworking (11%). *It should be noted that these particular courses are based on the performance of 20 pupils or less and therefore trends are more likely to fluctuate over time and less likely to be significant.*
- Biology, Computing Science, Geography, Hospitality: Practical Cake Craft, Physics and Practical Metalworking have been consistently above the National pass rate over the last 3 years with a 100% pass rate consistently being achieved in Hospitality: Practical Cake Craft and Practical Metalworking.
- Nat 5 performance at S4 in 2017 in Biology (78%), Design & Manufacture (79%), German (79%) and Health & Food Technology (63%) was as at its lowest rate over three-year period showing a declining trend.
- East Lothian S4 performance was below the National pass rate in Accounting (-36%), Design & Manufacture (-5%), German (-7%), Health & Food Technology (-12%), History (-8%), Hospitality: Practical Cookery (-25%), Lifeskills Maths (-50%), Music (-5%) and Religious, Moral and Philosophical Studies (-10%). Hospitality: Practical Cookery and Religious, Moral and Philosophical studies was consistently more than 10% below the National rate over the last three years.

Table 17: Higher Courses at S5, 2015 to 2017 - % Awards at Grades A to C

New Higher Course	Entries (% of ELC S5 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Accounting	-	*	*	*	-	80.3	-	100.0	77.8	22.2	66.7	81.5	-14.9	83.3	79.9	3.5
Administration and IT	2.6%	4.5%	3.9%	3.7%	54.2	84.5	-30.3	64.3	78.8	-14.6	82.4	75.9	6.5	66.9	79.7	-12.8
Art and Design	7.9%	9.7%	9.0%	8.9%	90.3	89.0	1.3	85.7	83.0	2.7	91.1	84.4	6.8	89.0	85.5	3.6
Biology	16.0%	16.1%	14.1%	15.4%	72.6	77.4	-4.8	76.2	73.5	2.6	78.1	73.5	4.6	75.6	74.8	0.8
Business Management	12.4%	13.6%	13.7%	13.2%	85.8	81.7	4.1	78.9	77.0	1.9	81.7	77.0	4.7	82.1	78.6	3.5
Chemistry	13.6%	14.8%	16.3%	14.9%	81.5	76.7	4.7	74.8	79.0	-4.2	80.4	76.8	3.7	78.9	77.5	1.4
Computing Science	4.7%	5.5%	5.9%	5.4%	74.4	70.5	3.9	65.4	73.4	-8.1	63.5	66.6	-3.1	67.8	70.2	-2.4
Design and Manufacture	2.7%	4.7%	4.5%	4.0%	44.0	67.3	-23.3	50.0	62.6	-12.6	64.1	61.2	2.9	52.7	63.7	-11.0
Drama	3.9%	2.9%	3.8%	3.5%	86.1	90.4	-4.3	88.9	88.8	0.1	60.6	80.3	-19.7	78.5	86.5	-8.0
Economics	*	*	-	*	100.0	83.6	16.4	100.0	78.8	21.2	-	91.7	-	100.0	84.7	15.3
Engineering Science	1.3%	3.0%	2.7%	2.3%	91.7	74.7	16.9	82.1	74.0	8.1	83.3	73.2	10.2	85.7	74.0	11.7
English	48.7%	50.1%	56.2%	51.7%	83.6	83.8	-0.2	87.9	83.0	4.9	83.5	80.3	3.3	85.0	82.3	2.7
English for Speakers of Other Languages	*	-	0.6%	*	100.0	97.1	2.9	-	94.9	-	80.0	94.4	-14.4	90.0	95.5	-5.5
Environmental Science	-	-	*	*	-	-	-	-	64.2	-	50.0	47.9	2.1	50.0	56.0	-6.0
Fashion and Textile Technology	-	*	1.1%	*	-	95.2	-	0.0	87.2	-87.2	80.0	79.5	0.5	40.0	87.3	-47.3
French	6.4%	8.1%	7.9%	7.4%	81.0	86.9	-5.9	88.2	88.7	-0.5	76.8	87.8	-11.0	82.0	87.8	-5.8
Geography	11.1%	12.8%	11.3%	11.7%	80.2	77.8	2.4	75.8	75.6	0.2	73.7	76.7	-2.9	76.6	76.7	-0.1
German	3.5%	1.3%	2.7%	2.5%	62.5	78.8	-16.3	75.0	89.7	-14.7	91.7	89.6	2.1	76.4	86.0	-9.6
Graphic Communication	5.9%	6.7%	5.5%	6.0%	87.0	82.4	4.6	76.2	72.1	4.1	79.2	80.9	-1.8	80.8	78.5	2.3
Health and Food Technology	0.7%	0.9%	0.8%	0.8%	33.3	76.1	-42.7	62.5	73.4	-10.9	57.1	62.2	-5.0	51.0	70.5	-19.5
History	15.4%	12.3%	9.8%	12.5%	78.0	87.1	-9.1	82.8	88.7	-6.0	82.6	83.9	-1.3	81.1	86.6	-5.5
Human Biology	5.1%	5.0%	7.0%	5.7%	78.7	77.0	1.8	89.4	76.5	12.8	80.3	75.8	4.5	82.8	76.4	6.4
Latin	0.8%	-	-	0.8%	71.4	92.0	-20.6	-	89.6	-	-	83.9	-	71.4	88.5	-17.1
Mathematics	24.2%	23.5%	25.9%	24.6%	80.1	77.5	2.6	80.1	77.7	2.4	80.2	76.1	4.1	80.1	77.1	3.0
Media	*	-	0.1%	*	100.0	76.2	23.8	-	74.9	-	0.0%	65.9	-65.9	50.0	72.3	-22.3

New Higher Course	Entries (% of ELC S5 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Modern Studies	17.4%	11.9%	14.3%	14.5%	73.6	75.1	-1.5	75.9	74.5	1.4	79.2	75.7	3.5	76.2	75.1	1.2
Music	6.7%	8.0%	7.4%	7.4%	93.4	95.7	-2.3	90.7	95.8	-5.1	95.4	95.4	-0.1	93.2	95.6	-2.5
Music Technology	0.8%	0.4%	1.6%	0.9%	100.0	89.1	10.9	100.0	88.0	12.0	85.7	79.8	5.9	95.2	85.6	9.6
Philosophy	*	-	-	*	100.0	72.7	27.3	-	76.5	-	-	64.5	-	100.0	71.2	28.8
Photography	-	0.7%	0.8%	0.8%	-	86.1	-	100.0	77.8	22.2	85.7	79.7	6.1	92.9	81.2	11.7
Physical Education	16.3%	16.1%	16.5%	16.3%	89.9	90.7	-0.8	92.1	90.0	2.0	87.5	85.8	1.7	89.8	88.8	1.0
Physics	12.3%	11.8%	13.9%	12.7%	81.3	77.6	3.7	80.2	77.2	3.0	80.3	77.2	3.2	80.6	77.3	3.3
Psychology	-	-	*	*	-	68.5	-	-	71.4	-	50.0	62.7	-12.7	50.0	67.6	-17.6
Religious, Moral and Philosophical Studies	3.6%	3.3%	4.1%	3.7%	81.8	75.4	6.4	67.7	65.1	2.6	50.0	69.3	-19.3	66.5	69.9	-3.4
Spanish	1.5%	1.2%	2.4%	*	71.4	86.1	-14.7	90.9	88.7	2.2	90.5	88.0	2.5	84.3	87.6	-3.3

* = entries based on a pupil cohort of greater than 0 but less than 5

- = no entries in this year

20 pupils equates to approx 2% of the ELC S5 base cohort on average

Comments on East Lothian's S5 performance across the Higher courses listed in Table 17 above:

- Higher performance at S5 in 2017 in Administration & IT (83%), Art & Design (91%), Biology (78%), Design & Manufacture (64%), Fashion & Textile Technology (80%), German (92%), Modern Studies (79%) and Music (95%) was at its highest rate over the three year period in East Lothian.
- Administration & IT, Art & Design, Engineering Science, Music Technology and Photography were between 6% and 10% above the National Average in 2017. It should be noted that Music Technology and Photography are based on the performance of less than 20 pupils and therefore trends are more likely to fluctuate over time and less likely to be significant.
- Art & Design, Business Management, Engineering Science, Human Biology, Maths, Music Technology & Physics have been consistently above the National pass rate over the last 3 years.
- Higher performance at S5 in 2017 in Accounting (67%), Computing Science (64%), Drama (61%), Geography (74%), Music Technology (86%), Physical Education (88%) and Religious, Moral & Philosophical Studies (50%) was at its lowest rate over the three year period in East Lothian.
- East Lothian S5 students performed below the National Average in Accounting (-15%), Computing Science (-3%), Drama (-20%), French (-11%), Geography (-3%), Graphic Communication (-2%), Health and Food Technology (-5%), Media (-66%), Psychology (-13%) and Religious, Moral & Philosophical Studies (-20%). Health & Food Technology has been consistently more than 5% below the National pass rate over the last three years.

Table 18: Higher Courses at S6, 2015 to 2017 - % Awards at Grades A to C

New Higher Course	Entries (% of ELC S6 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Accounting	*	-	*	*	50.0	69.7	-19.7	-	75.8	-	100.0	77.4	22.6	75.0	74.3	0.7
Administration and IT	5.2%	7.7%	10.3%	7.8%	77.1	86.5	-9.3	84.6	77.9	6.8	66.7	75.0	-8.3	76.1	79.8	-3.6
Art and Design	3.6%	3.7%	2.9%	3.4%	83.3	81.1	2.2	72.0	72.7	-0.7	85.0	77.1	7.9	80.1	77.0	3.1
Biology	6.3%	11.5%	7.7%	8.5%	54.8	57.4	-2.6	50.7	51.0	-0.3	68.5	60.2	8.3	58.0	56.2	1.8
Business Management	18.7%	17.6%	19.7%	18.6%	75.2	78.1	-2.9	77.1	72.5	4.7	75.9	73.2	2.7	76.1	74.6	1.5
Chemistry	4.5%	3.9%	5.6%	4.6%	63.3	60.6	2.7	61.5	62.6	-1.1	69.2	64.6	4.7	64.7	62.6	2.1
Computing Science	2.5%	1.6%	2.9%	2.3%	47.1	61.0	-13.9	54.6	61.5	-6.9	55.0	54.8	0.2	52.2	59.1	-6.9
Dance	*	-	*	*	100.0	96.2	3.8	-	95.6	-	100.0	92.2	7.8	100.0	94.7	5.4
Design and Manufacture	3.6%	2.7%	6.2%	4.1%	95.8	70.9	24.9	72.2	60.4	11.8	69.8	64.1	5.7	79.3	65.1	14.1
Drama	3.0%	3.6%	2.2%	2.9%	90.0	87.7	2.3	79.2	87.4	-8.2	93.3	78.6	14.7	87.5	84.6	2.9
Economics	7.6%	5.2%	6.9%	6.6%	78.4	78.2	0.2	65.7	72.2	-6.5	56.3	63.0	-6.8	66.8	71.1	-4.3
Engineering Science	1.5%	1.3%	1.7%	1.5%	70.0	73.0	-3.0	77.8	73.9	3.9	41.7	64.5	-22.8	63.2	70.5	-7.3
English	32.5%	22.9%	17.6%	24.4%	72.9	67.9	5.0	66.9	65.8	1.0	61.0	60.7	0.3	66.9	64.8	2.1
English for Speakers of Other Languages	*	-	0.7%	0.7%	100.0	96.8	3.2	-	92.2	-	100.0	92.8	7.2	100.0	93.9	6.1
Fashion and Textile Technology	*	*	1.0%	*	100.0	90.9	9.1	100.0	92.0	8.0	100.0	84.0	16.0	100.0	89.0	11.0
French	3.0%	2.8%	2.4%	2.8%	80.0	81.0	-1.0	79.0	84.3	-5.3	76.5	78.6	-2.2	78.5	81.3	-2.8
Geography	8.4%	9.5%	8.8%	8.9%	73.2	67.6	5.6	71.9	67.0	4.9	77.1	69.8	7.2	74.0	68.1	5.9
German	*	1.8%	1.0%	*	100.0	79.5	20.5	75.0	92.1	-17.1	85.7	84.3	1.4	86.9	85.3	1.6
Graphic Communication	4.0%	4.6%	6.0%	4.9%	63.0	73.8	-10.8	58.1	65.0	-6.9	57.1	73.5	-16.4	59.4	70.7	-11.4
Health and Food Technology	*	*	1.6%	*	33.3	73.4	-40.1	100.0	67.1	32.9	63.6	59.3	4.4	65.7	66.6	-1.0
History	6.3%	8.5%	5.6%	6.8%	71.4	83.6	-12.1	84.2	83.8	0.4	87.2	77.6	9.6	80.9	81.6	-0.7
Human Biology	5.8%	2.4%	1.9%	3.4%	48.7	59.3	-10.6	62.5	57.9	4.6	61.5	60.5	1.1	57.6	59.2	-1.6
Latin	*	*	-	*	100.0	96.7	3.3	100.0	92.3	7.7	-	81.1	-	100.0	90.0	10.0
Mandarin (Simplified)	*	-	-	*	100.0	92.3	7.7	-	100.0	-	-	88.9	-	100.0	93.7	6.3
Mathematics	12.2%	10.3%	11.5%	11.3%	54.9	57.0	-2.1	68.1	59.3	8.8	62.5	60.1	2.4	61.8	58.8	3.0

New Higher Course	Entries (% of ELC S6 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Media	1.8%	2.1%	2.9%	2.2%	83.3	72.6	10.8	85.7	68.2	17.5	50.0	56.2	-6.2	73.0	65.7	7.4
Modern Studies	9.6%	7.4%	12.1%	9.7%	70.3	71.7	-1.4	72.0	72.1	-0.1	66.7	70.3	-3.6	69.7	71.3	-1.7
Music	2.2%	4.6%	3.2%	3.3%	86.7	93.2	-6.6	96.8	94.3	2.5	95.5	94.3	1.1	93.0	94.0	-1.0
Music Technology	-	0.9%	*	*	-	86.2	-	100.0	90.0	10.0	66.7	90.8	-24.1	83.3	89.0	-5.6
Philosophy	2.8%	1.0%	-	1.9%	68.4	67.4	1.0	100.0	68.7	31.3	-	61.1	-	84.2	65.7	18.5
Photography	2.5%	1.9%	2.9%	2.4%	82.4	89.2	-6.8	84.6	82.4	2.3	75.0	82.9	-7.9	80.7	84.8	-4.2
Physical Education	8.1%	8.5%	8.8%	8.4%	90.7	90.7	0.0	82.5	88.8	-6.4	86.9	84.5	2.4	86.7	88.0	-1.3
Physics	5.7%	4.5%	5.2%	5.1%	52.6	62.6	-9.9	53.3	61.8	-8.5	52.8	64.6	-11.8	52.9	63.0	-10.1
Psychology	10.0%	8.5%	8.0%	8.8%	79.1	71.8	7.3	80.7	72.2	8.5	58.9	64.0	-5.0	72.9	69.3	3.6
Religious, Moral and Philosophical Studies	7.8%	9.4%	7.5%	8.2%	65.4	76.1	-10.8	66.7	64.5	2.2	65.4	69.2	-3.8	65.8	70.0	-4.1
Spanish	*	*	1.3%	*	100.0	81.6	18.4	100.0	85.4	14.6	100.0	86.0	14.0	100.0	84.3	15.7

* = entries based on a pupil cohort of greater than 0 but less than 5

- = no entries in this year

20 pupils equates to approx 3% of the ELC S6 base cohort on average

Comments on East Lothian's S6 performance across the Higher courses listed in Table 18 above:

- Higher performance at S6 in 2017 in Art & Design (85%), Biology (69%), Drama (93%), Geography (77%) and History (87%) was at its highest rate over the three year period in East Lothian.
- Art & Design, Biology, Design & Manufacture, Drama, Geography & History were between 6% and 15% above the National Average in 2017.
- East Lothian S6 students also performed better in Accounting (+23%), Dance (+8%), English for Speakers of other Languages (+7%), Fashion & Textile Technology (+16%) and Spanish (+14%). It should be noted that these particular courses are based on the performance of less than 20 pupils and therefore trends are more likely to fluctuate over time and less likely to be significant.
- Design & Manufacture, Fashion & Textile Technology, Geography & Spanish have been consistently above the National pass rate over the last 3 years with a 100% pass rate consistently in Spanish and Fashion & Textile Technology.
- Higher performance at S6 in 2017 in Administration & IT (67%), Design & Manufacture (70%), Economics (56%), Engineering Science (42%), English (61%), French (77%), Graphic Communication (57%), Media (50%), Modern Studies (67%), Photography (75%) and Psychology (59%) was at its lowest rate over the three year period in East Lothian.

- East Lothian S6 students performed below the National Average in Admin & IT (-8%), Economics (-7%), Engineering Science (-23%), Graphic Communication (-16%), Media (-6%), Modern Studies (-4%), Music Technology (-24%), Photography (-8%), Physics (-12%), Psychology (-5%) and Religious, Moral & Philosophical Studies (-4%).
- French, Physics and Graphic Communication have been consistently below the National pass rate over the last three years.

Table 19: Advanced Higher Courses at S6, 2015 to 2017 - % Awards at Grades A to C

Advanced Higher Course	Entries (% of ELC S6 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Art and Design (Design)	1.6%	0.9%	2.3%	1.6%	100.0	88.4	11.6	66.7	93.4	-26.7	87.5	89.7	-2.2	84.7	90.5	-5.8
Art and Design (Expressive)	2.1%	1.9%	2.0%	2.0%	78.6	90.3	-11.7	100.0	92.5	7.5	100.0	91.7	8.3	92.9	91.5	1.4
Biology	-	5.2%	7.5%	6.3%	-	77.3	-	74.3	78.0	-3.7	67.3	70.1	-2.8	70.8	75.1	-4.3
Business Management	2.2%	1.9%	1.7%	2.0%	33.3	62.0	-28.7	61.5	70.1	-8.6	83.3	74.7	8.6	59.4	68.9	-9.5
Chemistry	-	6.0%	5.2%	5.6%	-	74.3	-	82.5	81.2	1.3	83.3	81.0	2.3	82.9	78.8	4.1
Classical Studies	*	-	-	*	0.0	92.9	-92.9	-	81.0	-	-	88.9	-	0.0	87.6	-87.6
Computing Science	-	1.6%	1.3%	1.5%	-	-	-	81.8	72.4	9.4	100.0	68.1	31.9	90.9	70.2	20.7
Drama	0.9%	0.7%	0.9%	0.8%	100.0	81.9	18.1	100.0	81.1	18.9	100.0	80.0	20.0	100.0	81.0	19.0
Engineering Science	-	*	-	*	-	-	-	100.0	78.0	22.0	-	49.3	-	100.0	63.6	36.4
English	3.9%	7.1%	5.5%	5.5%	92.3	80.8	11.5	89.6	80.1	9.5	81.6	72.7	8.8	87.8	77.9	10.0
French	3.0%	1.9%	1.7%	2.2%	65.0	79.2	-14.2	92.3	81.6	10.7	75.0	74.9	0.1	77.4	78.6	-1.1
Geography	4.2%	4.8%	3.9%	4.3%	100.0	90.9	9.1	96.9	88.8	8.1	85.2	87.3	-2.1	94.0	89.0	5.0
German	*	*	*	*	100.0	78.6	21.4	100.0	81.3	18.7	100.0	80.2	19.8	100.0	80.0	20.0
Graphic Communication	-	3.0%	3.3%	3.1%	-	-	-	65.0	65.6	-0.6	52.2	62.0	-9.8	58.6	63.8	-5.2
History	3.6%	3.9%	2.7%	3.4%	95.8	83.6	12.2	80.8	84.5	-3.7	84.2	79.6	4.6	86.9	82.6	4.4
Mathematics	7.9%	7.9%	8.9%	8.2%	67.9	66.4	1.5	71.7	71.2	0.5	69.4	71.5	-2.1	69.7	69.7	0.0
Mathematics of Mechanics	*	-	2.7%	*	50.0	81.3	-31.3	-	73.0	-	63.2	73.6	-10.4	56.6	76.0	-19.4
Modern Studies	2.1%	4.2%	3.6%	3.3%	92.9	80.5	12.4	92.9	79.6	13.3	88.0	76.3	11.7	91.2	78.8	12.5
Music	4.2%	4.2%	4.9%	4.4%	96.4	96.2	0.3	92.9	94.6	-1.7	88.2	94.6	-6.3	92.5	95.1	-2.6
Music Portfolio	*	-	*	*	100.0	97.6	2.4	-	84.6	-	0.0	60.0	-60.0	50.0	80.7	-30.7
Physical Education	-	4.6%	2.0%	3.3%	-	64.7	-	32.3	72.2	-40.0	21.4	76.0	-54.6	26.8	71.0	-44.1

Advanced Higher Course	Entries (% of ELC S6 base cohort)				2015			2016			2017			3 Yr Ave		
	2015	2016	2017	3 Yr ave	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA	ELC	NAT	ELC % +/- compared to NA
Physics	2.4%	5.8%	4.0%	4.1%	75.0	76.9	-1.9	82.1	77.7	4.4	96.4	75.9	20.6	84.5	76.8	7.7
Religious, Moral and Philosophical Studies	0.8%	0.9%	*	*	80.0	86.4	-6.4	100.0	76.6	23.4	50.0	55.2	-5.2	76.7	72.7	3.9
Spanish	*	*	*	*	100.0	77.3	22.7	100.0	77.3	22.7	0.0	69.1	-69.1	66.7	74.6	-7.9

* = entries based on a pupil cohort of greater than 0 but less than 5

- = no entries in this year

20 pupils equates to approx 3% of the ELC S6 base cohort on average

Comments on East Lothian's S6 performance in 2016 across the Advanced Higher courses listed in Table 19 above:

- Advanced Higher performance at S6 in 2017 in Business Management (83%), Computing Science (100%) and Physics (96%) was at its highest rate over the three year period in East Lothian.
- English, History, Modern Studies and Physics were between 5% and 21% above the National Average in 2017.
- East Lothian S6 students also performed better in Art and Design (Expressive) (+8%), Business Management (+9%), Computing Science (+32%), Drama (+20%) and German (+20%). It should be noted that these particular courses are based on the performance of less than 20 pupils and therefore trends are more likely to fluctuate over time and less likely to be significant.
- Drama, English, German and Modern Studies has been consistently above the National pass rate over the last 3 years with a 100% pass rate consistently in Drama and German.
- Advanced Higher performance at S6 in 2017 in English (82%), Geography (85%), Modern Studies (88%), Music (88%), Religious & Moral Philosophical Studies (50%) and Physical Education (22%) was at its lowest rate over the three year period in East Lothian.
- East Lothian S6 students performed below the National pass rate in Biology (-3%), Graphic Communication (-10%), Mathematics of Mechanics (-10%), Music (-6%) and Physical Education (-55%), again the 2017 performance in PE is on the back of a significant increase in Advanced Higher presentations for this subject than historically. The S6 performance in 2017 was also lower in Music Portfolio (-60%), Religious, Moral and Philosophical Studies (-5%) and Spanish (-70%), although these are based on small cohorts.