

2021-22 Local Government Benchmarking Framework Report – Education

Year-on-year change in Quartile Position and Value Status

	Improvement by Quartile Standing		
	2021-22	2020-21	2019-20
Number of Indicators Improving by Quartile Standing	8	2	2
Number of Indicators Unchanged by Quartile Standing	10	13	9
Number of Quartiles Deteriorating by Quartile Standing	1	4	8
Total Number of Indicators	19	19	19

	Indicator Outcomes by Quartile Position		
	2021-22	2020-21	2019-20
Indicator Outcomes in Quartile 1	2	0	1
Indicator Outcomes in Quartile 2	5	3	0
Indicator Outcomes in Quartile 3	6	10	8
Indicator Outcomes in Quartile 4	6	6	6

	Performance Data Traffic Light – Value based		
	2021-22	2020-21	2019-20
Green	10	5	8
Amber	8	9	7
Red	1	5	4

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Performance Measure	2017-18 Value	2018-19 Value	2019-20 Value	2020-21 Value	2021-22 Value	Status 2021-22	Previous Status	Value Change Long Trend	Quartile Ranking Short Trend/Quartile Standing	National Value	National Value Change Long Trend
SLGBF CHN 1 Cost per Primary School Pupil	£5,162	£5,166	£5,637	£5,775	£5,908				1	£6,330	
SLGBF CHN 2 - Cost per Secondary School Pupil	£7,273	£7,445	£7,712	£7,286	£7,113				1	£7,905	
SLGBF CHN 3 - Cost per Pre-School Place	£4,540	£4,399	£7,316	£10,469	£9,873				2	£10,291	
SLGBF CHN 4 % of S4 year cohort attaining 5+ awards at SCQF level 5 or better by end of S6 *	58.0%	58.0%	60.0%	63.0%	70.0%				2	69.0%	
SLGBF CHN 5 % of S4 year cohort attaining 5+ awards at SCQF level 6 or better by end of S6 *	32.0%	31.0%	36.0%	37.0%	39.0%				2	40.0%	
SLGBF CHN 6a Percentage of S4 year group from areas defined as falling within the highest 20% of deprivation (SIMD 2020 Quintile 1) attaining 5 or more qualifications at SCQF Level 5 at the end of S6 *	29.0%	32.0%	37.0%	43.0%	48.0%				3	52.0%	
SLGBF CHN 7a Percentage of S4 year group from areas defined as falling within the highest 20% of deprivation (SIMD 2020 Quintile 1) attaining 5 or more qualifications at SCQF Level 6 at the end of S6 *	9.0%	10.0%	14.0%	17.0%	13.0%				4	23.0%	
SLGBF CHN 12a Average Total Tariff Score of S4 year cohort at the end of S6 by all SIMD 2020 Quintiles*	841	828	849	866	957				3	981	
SLGBF CHN 12b Average Total Tariff Score of S4 year cohort from areas defined as falling within SIMD 2020 Quintile 1 at the end of S6*	446	439	511	578	571				3	702	
SLGBF CHN 12c Average Total Tariff Score of S4 year cohort from areas defined as falling within SIMD 2020 Quintile 2 at the end of S6*	592	603	585	616	700				4	827	

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SLGBF CHN 12d Average Total Tariff Score of S4 year cohort from areas defined as falling within SIMD 2020 Quintile 3 at the end of S6*	795	706	722	758	833				4	965	
SLGBF CHN 12e Average Total Tariff Score of S4 year cohort from areas defined as falling within SIMD 2020 Quintile 4 at the end of S6*	917	861	875	879	953				4	1,113	
SLGBF CHN 12f Average Total Tariff Score of S4 year cohort from areas defined as falling within SIMD 2020 Quintile 5 at the end of S6*	1,104	1,089	1,157	1,150	1,126				3	1,320	
SLGBF CHN 13a % of P1, P4 and P7 pupils combined achieving expected CFE Level in Literacy	NA	71.2%	NA	63.3%	68.9%				3	70.5%	
SLGBF CHN 13b % of P1, P4 and P7 pupils combined achieving expected CFE Level in Numeracy	NA	77.5%	NA	71.8%	77.1%				2	74.7%	
SLGBF 14a Literacy Attainment Gap (P1,4,7 Combined) - Percentage point gap between the least deprived and most deprived pupils **	NA	24.1 p.p.	NA	30.9 p.p.	21.2 p.p.				2	21.3 p.p.	
SLGBF 14b Numeracy Attainment Gap (P1,4,7 Combined) - Percentage point gap between the least deprived and most deprived pupils **	NA	20.4 p.p.	NA	27.9 p.p.	20.9 p.p.				3	17.8 p.p.	
SLGBF CHN 18 Percentage of funded Early Years provision which is graded Good/or better	86.2%	76.1%	77.2%	82.4%	83.7%				4	89.4%	
SLGBF CHN 21 Percentage of 16-19-year-olds in a positive participation destination- Annual National Participation Measure	89.8%	89.7%	89.9%	89.4%	91.2%				4	92.4%	

Service Commentary

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Overall, the suite of measures in 2021/22 showed improvements in both quartile standings and values in comparison with the prior year, and in benchmarking against the national position/Scottish Local authority outcomes.

Cost Indicators

The City is now amongst the most cost-effective in Scotland in terms of the cost per pupil and/or placement, recorded the highest breadth and depth outcomes to date for the proportion of pupils attaining 5 or more qualifications at SCQF levels 5 and 6, and experienced a similar value increase against the Annual Participation Measure which highlights the post-school destinations of 16–19-year-olds.

Senior Phase Outcomes (SCQF)

The majority of the Senior Phase Average Tariff Score Measures for those entered against the 2022 exam diet showed value improvements and closing of the gap to the national figures, Although the rate of improvement was generally insufficiently great to lift the City's Quartile Standings for these, movement in the whole cohort indicator, a stable ranking for those in the highest level of deprivation and a limited uplift in the ranking profile of the Least Deprived cohort, were positive indications of progress

Broad General Education (Curriculum for Excellence)

In Broad General Education, the City's pupils had made substantial year-on-year gains in achievement against the Curriculum For Excellence, largely off-setting the previous year's reduced outcomes, and with a significant improvement in the gap in outcomes between the most and least deprived quintile (SIMD 1 and SIMD 5) and the national figures. Achievement of expected levels of Literacy across the P1-7 cohort appears to have recovered least well of the four ACEL measures, although, as noted in the content of the previous report to this Committee, the Service is maintaining a watching brief across each of the contributing components and phases to ensure that any slippage against target is addressed within the current year.

Early Learning Centre Inspections

There were very limited inspections of Early Learning Centres in each of the two years highlighted but with some indications of the beginnings of an upwards trend which, based on current in-year data, should be sustained in 2022/23.

Attainment in the context of Deprivation

The sole measure which displays a materially deteriorating value and standing year-on-year, CHN 7a Percentage of S4 year group at S6 from areas defined as falling within the highest 20% of deprivation (SIMD 2020 Quintile 1) attaining 5 or more qualifications at SCQF Level 6 at the end of S6 reflects value change from the prior two years.

In the case of this particular measure, the extent of data variation would seem sufficiently at odds with the Services understanding of achievement and attainment across the wider range of educational measures, (see tables below) and historical improvement trends among this SIMD cohort, to suggest that 'external influences' such as examination models, and the relatively small numbers involved, may be at play in terms of defining the outcomes for this limited measure.

Table 1. Attainment at National 5 and Higher Level by SIMD Quintiles 2021/22 (S4 cohort at S6)

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SIMD Quintile	Improvement in National 5 attainment compared with 2018/2019	Improvement in Higher attainment compared with 2018/2019
1 (133 pupils in total)	11%	8%
2 (312 pupils in total)	5%	6%
3 (186 pupils in total)	1%	9%
4 (269 pupils in total)	2.5%	13%
5 (609 pupils in total)	3%	5%

Note: Pupil Census data from 2016 to 2019 (academic years 2016/17 to 2019/2020) is matched with SIMD2016 data. Pupil Census data from 2020 and 2021 (academic years 2020/21 and 2021/2022) is matched with SIMD2020 data.

Table 2. Average Complimentary Tariff Scores by Attainment and SIMD Quintiles 2021/22 (S4 cohort at S6)

20% Most Deprived 2021/22			20% Least Deprived 2021/22		
Cumulative Median Tariff Score	Value change from baseline 2018/19	% change from baseline 2018/19	Cumulative Median Tariff Score	Value change from baseline 2018/19	% change from baseline 2018/19
417	76	25.0	894	75	13.4

Average Complementary Tariff Score Trends

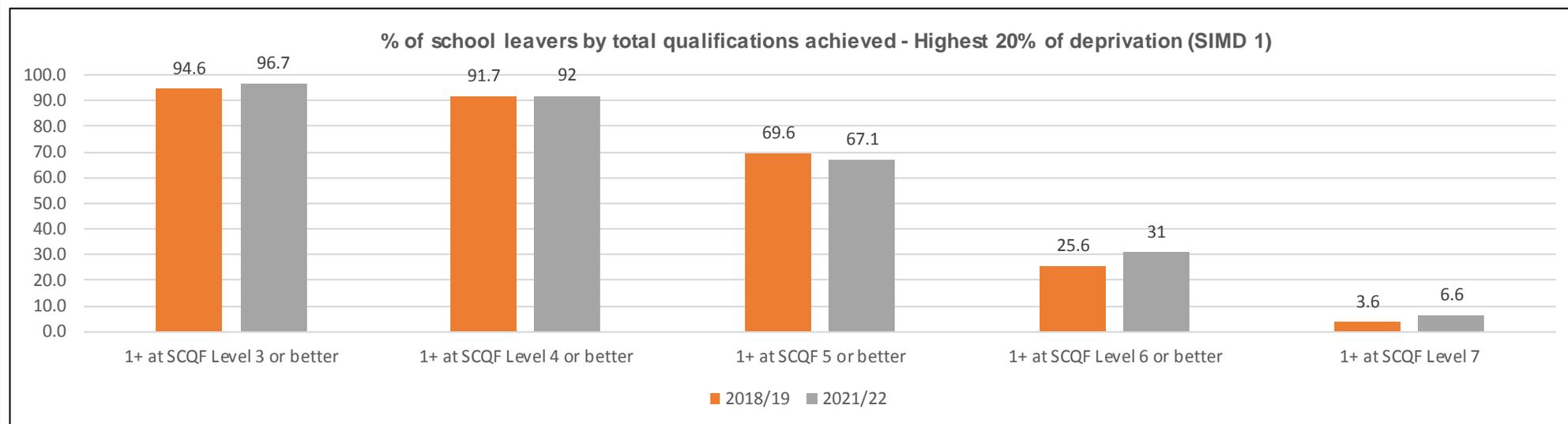
The rate of improvement from the three-year combined data, which provides a more reliable indication of direction of travel, has risen for the fourth consecutive year to 14.7%, a slightly faster improvement rate than the national trend, resulting in some narrowing of the gap to both the Scotland figure and a proportion of the City's benchmarked local authorities.

School Leavers Outcomes – Highest 20% of Deprivation (SIMD 1)

Chart 1 below provides an initial assessment of the total achievement outcomes of school leavers in the highest 20% of deprivation from the national data release on 28th March 2023. This indicates that the proportion of pupils from the highest 20% of deprivation are achieving improved outcomes across the majority of SCQF Levels, and with the most substantive improvements being noted at SCQF Levels 6 and 7. This is suggestive of an increased ambition, at both school and individual level, in examination presentations of those pupils from the highest areas of deprivation and a consequential rise in the proportion achieving these highest levels of attainment.

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Chart 1. % of school leavers by total qualifications achieved – Highest 20% of Deprivation



Next Steps

The Service, from the recent national release, and on population of the supplemental Insight data update, will analyse this data pattern in further detail to ensure that the National Improvement Plan has the capacity to address this outlying outcome.

* Care must be taken when comparing the attainment of cohorts over the past three years and when comparing these years to the attainment of earlier cohorts. Any changes between the attainment levels of the 2021/22 cohort, 2020/21 cohort, the 2019/20 cohort and those of previous years should not be seen as an indication that performance has improved or worsened, without further evidence. No statistical mitigation against these influences has been applied to the data at this point.

Data Descriptors

Some limited variation in the data recorded through the Local Government Benchmarking Framework against other sources, including Insight and the Broad General Education Tool, can be expected on the basis that the Improvement Service has been enabled to access data directly from the Scottish Government/SQA in advance of the publication of final validated datasets becoming available to local authorities.

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All references to annual outcomes are based on academic rather than fiscal years. Data covering 2021/22 is the most recent period for which information is available, covers the 2022 examination cycle from May to June 2022, and in-year CfE assessments from August 2021 to June 2022.

Variations in values of less than +/- 1 percent are considered to represent an unchanged position for the purposes of generating long term trend direction indicators. This serves to mitigate against natural changes in values that are of less statistical or professional educational significance. Application of this data sensitivity analysis does not infer that variations of less than +/- 1 percent are materially insignificant at an operational or corporate level. On this basis, each measure is best considered in the context of comparison with the national value trends and with an understanding of the on-the-ground effect of local demand and service modelling of each local authority.

Advanced ranking in lists data tools have been applied to each of these measures at a local level, which counters the effects of value rounding and the impact on rankings of those local authorities which have no data against specific measures (e.g., those relating to SIMD based outcomes). This has a marginal, or no effect, against the quartile standing assessments that the LGBF report publication contains.

PI Status		3-year Long Term Trends		Year on-year Short Term Trends	
	Alert – more than 20% outwith national figure		Improving/Increasing over 3 data period average		Improving/Increasing year-on-year
	Warning – between 6-19% outwith national figure		No Change over 3 data period average		No Change year-on-year
	OK – within 5% of national figure		Getting Worse/Decreasing over 3 data period average		Getting Worse year-on-year