



**Cambridge
Assessment**

Provision of GCSE subjects 2017

Statistics Report Series No. 122

Tim Gill

December 2018

Author contact details:

Tim Gill
Assessment Research and Development
Research Division
Cambridge Assessment
1 Regent Street
Cambridge
CB2 1GG
UK

gill.tim@cambridgeassessment.org.uk

<http://www.cambridgeassessment.org.uk>

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How to cite this publication:

Gill, T. 2018. *Provision of GCSE subjects 2017. Statistics Report Series No. 122*. Cambridge, UK: Cambridge Assessment.

Introduction

This report looks at the provision of GCSE (and IGCSE / International GCSE) subjects in England in 2017. For the remainder of the report 'GCSEs' will be used to refer to both GCSEs and IGCSEs / International GCSEs. Provision is defined as the number or percentage of schools with at least one student taking the subject.

The tables presented in this report cannot tell us the reasons why schools do not offer a particular subject. For example, it may be that there is not enough demand for it from students to make it worthwhile, or it may be that there is a lack of teachers with the required experience.

Data

The data for these analyses were taken from the National Pupil Database (NPD). This is a database of results for all students in all subjects in schools and colleges in England. This report presents only the provision of GCSE subjects in schools with pupils taking GCSEs in 2017. Provision of applied and short course GCSEs was not investigated. Only accredited International GCSEs were counted in this report as non-accredited versions of these qualifications are no longer included in the NPD extract.

In this report the level of provision is presented by different school classifications: school type, school attainment, school gender, school size and school deprivation level. However, it should be noted that the analysis is at the simplest level and takes no account of interactions between these classifications. For instance, Table 13 of this report shows that provision in single sex schools was generally lower than in mixed sex schools. This can partly be attributed to the fact that single sex schools tend to be smaller than mixed sex schools (see Table 9). Very small schools (with fewer than 10 students taking GCSEs) were excluded from the analysis, as these are unlikely to be mainstream schools.

Results

Tables 1 to 5 present the distribution of schools within each of the different school classifications. The total number of schools is not identical in each table, due to small amounts of missing data within some classifications.

School type

There are a number of different types of schools offering GCSEs. As with the previous GCSE provision report in this series (Gill, 2017a), seven school categories were used¹: Academy (Comprehensive); Academy (Modern); Academy (Selective); Comprehensive; Grammar; Independent; and Secondary Modern. Although some sixth form and further education colleges also offer GCSEs, these are relatively rare and GCSEs are not their main focus. Therefore, they were excluded from the analysis. Other non-maintained schools, such as special schools, were also excluded. Table 1 presents the number and percentage of each school type.

¹ These categories combine school type and selection policy, and are derived from the Get Information About Schools service (formerly known as Edubase), the Department for Education's register of educational establishments in England and Wales, available at <https://get-information-schools.service.gov.uk/>. For further information on derivation of categories, see Statistics Report No. 113 (Gill, 2017b).

Table 1: School type

School Type	Number of Schools	Percentage
Academy (comp)	1859	49.2
Academy (sec mod)	78	2.1
Academy (selective)	140	3.7
Comprehensive	941	24.9
Grammar	23	0.6
Independent	701	18.5
Secondary Modern	40	1.1

Ability of schools

The ability or attainment level of each school was calculated as the mean of the attainment of the students attending it. The attainment of the students was measured by their ‘average points per entry’ score at KS4, which is a variable in the NPD². This measure was a change from previous years where the mean school ability was based on GCSE results only. Therefore comparisons with previous years should be made with caution. However, the new measure is a better indicator of school ability as it takes account of performance in non-GCSE qualifications. This also brings it into line with other statistics reports, which have used the points score measure (e.g. Carroll & Gill, 2018).

A frequency distribution of these scores was obtained and used to allocate the schools into five approximately equally sized attainment groups. The cut-off points for these groups are shown in Table 2, along with the minimum, maximum and mean for each group. Group I is the lowest attainment category and Group V is the highest.

Table 2: School attainment/ability group

	School Ability Group	Number of Schools	Minimum	Maximum	Mean
Low	Group I	762	0.3	3.9	3.5
	Group II	763	3.9	4.3	4.1
	Group III	762	4.3	4.7	4.5
	Group IV	763	4.7	5.4	5.0
High	Group V	762	5.4	8.3	6.3

There were individual students who obtained high grades in a group I school and some who obtained low grades in a group V school. However, a group V school will have more high attaining students than a group I school, which has implications for provision and teaching.

Deprivation level of schools

The level of deprivation that a student experiences was inferred using a government index, based on home postcode. The Income Deprivation Affecting Children Index (IDACI) measures the proportion of children in a very small geographical area (Lower Layer Super Output Area or

² Average points per entry is derived by converting each qualification awarded at KS4 into points, and dividing the total by the number of qualifications for which a student was entered. In 2017, to account for the introduction of GCSEs graded from 9–1 in Maths and English, point scores were assigned differently from previous years. For 9–1 GCSEs, points were equal to the grade (grade 9 = 9 points, etc.). For subjects graded with letters, points were as follows: A* = 8.5, A = 7, B = 5.5, C = 4, D = 3, E = 2, F = 1.5, G = 1. Note that the maximum points score available was 10.75, which corresponded to Grade A at AS level.

LSOA) living in low income families³. For each individual student this measure varies between 0 and 1, and indicates how income deprived the area is that they live in (although it cannot tell us how income deprived the student actually is). A school level deprivation measure was calculated as the mean IDACI score of the students attending it.

The student level IDACI score is included as a variable in the NPD. However, it should be noted that there was a significant amount of missing data for this measure. Therefore, only schools for which more than 50% of students had an IDACI score were included in the calculation.

Schools were divided up into five equal groups according to their mean IDACI score. A low IDACI score means the school serves students living in areas of low income deprivation and a high IDACI score means it serves students in areas of high income deprivation. Thus, in Table 3 group A includes schools with students experiencing low income deprivation on average, and group E schools with students experiencing high income deprivation.

Table 3: School deprivation level

	School Deprivation Group	Number of Schools	Minimum	Maximum	Mean
↓ ↓ ↓ ↓ ↓	Low Group A	627	0.01	0.12	0.09
	Group B	628	0.12	0.16	0.14
	Group C	628	0.16	0.22	0.19
	Group D	628	0.22	0.29	0.25
	High Group E	628	0.29	0.67	0.35

School gender

The school gender variable was determined by the female ratio in the school (number of females over the total number of students). If this ratio was greater than 0.95, the school was considered to be a “Girls” school. If the female ratio was less than 0.05, then the school was designated a “Boys” school. The rest of the schools were “Mixed” schools. Table 4 shows the numbers and percentages of the different types of schools.

Table 4: School gender

School gender	Number of Schools	Percentage
Boys	247	6.5
Girls	406	10.7
Mixed	3159	82.9

School size

In Table 5 schools were classified into five groups according to their size (based on the number of students in a school taking at least one GCSE). The categories were chosen on the basis of what is generally considered to be a reasonable size for a teaching group (i.e. 30 students).

³ For further information on IDACI calculation, including definitions of children, families, and income deprivation, see <https://www.gov.uk/government/publications/english-indices-of-deprivation-2015-technical-report>

Table 5: School size

School size	Number of Schools	Percentage
Less than 30	263	6.9
30-59	295	7.7
60-119	814	21.4
120-239	2100	55.1
240 or greater	340	8.9

School size is important for provision because a larger school is more likely to have viable numbers for minority subjects.

Provision of individual GCSE subjects

The provision of individual GCSE subjects by the school classifications is presented in Tables 10 to 14. However, a significant contributor to the level of provision in a subject is the size of the school (see Table 14) because a larger school is more likely to have viable numbers for less popular subjects. Thus, it is worth considering how each school classification relates to the size of the school. Tables 6 to 9 present the percentage of each classification group in each school size group.

To give an example, Table 6 shows that independent schools tend to have fewer students taking GCSEs than other school types (with 31.2% having fewer than 30 students taking GCSEs and only 0.1% with more than 240 students). In contrast, only 0.4% of comprehensive schools had fewer than 30 students taking GCSEs, with 11.3% having more than 240 students.

Table 6: Percent of school size group within each school type

School Type	Less than 30	30-59	60-119	120-239	240 or greater
Academy (comp)	1.4	3.8	19.0	63.7	12.0
Academy (mod)	1.3	3.8	12.8	71.8	10.3
Academy (selective)	0.0	0.7	27.1	72.1	0.0
Comprehensive	0.4	2.0	20.2	66.1	11.3
Grammar	0.0	0.0	30.4	69.6	0.0
Independent	31.2	27.7	28.1	12.8	0.1
Secondary Modern	0.0	5.0	32.5	62.5	0.0

Table 7: Percent of school size group within each school ability group

School Ability Group	Less than 30	30-59	60-119	120-239	240 or greater
Low Group I	7.7	8.0	28.9	51.3	4.1
Group II	3.3	2.9	21.1	64.7	8.0
Group III	4.9	3.1	14.7	63.0	14.3
Group IV	8.7	7.3	11.3	56.9	15.9
High Group V	10.0	17.3	30.8	39.5	2.4

Table 8: Percent of school size group within each school deprivation group

School Deprivation Group		Less than 30	30-59	60-119	120- 240 or 239 greater	
Low ↓ ↓ ↓ High	Group A	0.8	2.7	13.3	64.1	19.0
	Group B	1.6	2.4	17.4	67.1	11.5
	Group C	1.3	3.7	19.2	65.1	10.8
	Group D	0.8	3.5	24.1	64.0	7.6
	Group E	1.6	3.9	25.4	63.3	5.7

Table 9: Percent of school size group within each school gender

School Gender	Less than 30	30-59	60-119	120- 240 or 239 greater	
Boys School	13.0	8.1	24.3	53.8	0.8
Girls School	11.8	19.2	29.3	37.7	2.0
Mixed School	5.8	6.2	20.1	57.4	10.4

In Tables 10 to 14 on the following pages the provision of individual subjects is presented by the school classifications outlined in Tables 1 to 5. For example, Table 10 shows that 62.5% of secondary modern schools offered Chemistry GCSE, compared with 91.3% of grammar schools. Table 11 shows that 63.0% of schools in the lowest attainment group offered Chemistry, compared with 83.7% of schools in the second highest attainment group.

It should be noted that some independent schools offer non-accredited International GCSEs instead of GCSEs (or accredited International GCSEs) in particular subjects. They may therefore not offer a GCSE in the subject at all. This explains why provision is low in independent schools in some compulsory subjects. See Gill (2016) for a detailed analysis of provision of alternative qualifications in English schools.

Furthermore, provision patterns have changed somewhat this year, due to changes to both GCSEs themselves (i.e., the introduction of 9-1 GCSEs in English and Mathematics) and the accreditation of qualifications. For example, provision of both English Literature and Mathematics have fallen in independent schools compared to 2016 (see Gill, 2017a), but provision of English Language has increased in these schools. These patterns reflect the fact that many candidates at independent schools take non-accredited qualifications, which do not appear in these tables. The changes compared to previous years therefore presumably reflect a combination of genuine changes in uptake (i.e., independent schools taking 9-1 GCSEs) and some qualifications becoming non-accredited (thus no longer appearing in these tables). Hence, any comparisons to previous years' results should take into account the various changes in the system, and the differing uptake patterns between different school types.

Table 10: Provision of GCSEs by school type (percentages)

Subject	Academy (comp)	Academy (modern)	Academy (selective)	Comp.	Grammar	Ind.	Sec Mod
Additional Science	98.2	97.4	60.7	98.4	73.9	49.9	97.5
Ancient History	0.9	1.3	4.3	1.3	0.0	1.9	0.0
Applied Art & Design	1.2	0.0	0.0	0.7	0.0	1.0	2.5
Applied Business	0.0	0.0	0.0	0.1	0.0	0.3	0.0
Applied Engineering	7.4	2.6	4.3	7.1	8.7	0.6	0.0
Arabic	22.6	17.9	19.3	20.7	8.7	14.8	15.0
Art & Design	60.4	60.3	44.3	62.8	39.1	42.5	70.0
Art & Design (3d Studies)	3.1	3.8	0.7	3.1	0.0	5.4	5.0
Art & Design (Critical Studies)	0.2	0.0	0.7	0.0	0.0	0.0	0.0
Art & Design (Fine Art)	38.7	48.7	57.1	38.3	65.2	45.4	22.5
Art & Design (Graphics)	8.8	10.3	6.4	7.8	4.3	4.7	2.5
Art & Design (Photography)	30.1	41.0	10.7	30.0	4.3	12.8	32.5
Art & Design (Textiles)	12.5	19.2	5.0	12.9	4.3	10.3	10.0
Astronomy	5.3	1.3	10.0	5.3	17.4	5.1	0.0
Bengali	3.2	0.0	1.4	6.5	8.7	1.3	0.0
Biology	80.5	69.2	99.3	81.7	91.3	52.4	65.0
Business Studies: Single	52.9	48.7	50.0	49.1	39.1	24.4	27.5
Chemistry	80.4	69.2	99.3	81.2	91.3	50.2	62.5
Chinese	16.7	17.9	38.6	16.6	52.2	29.2	15.0
Classical Civilisation	3.0	2.6	10.0	2.0	21.7	22.5	2.5
Classical Greek	0.6	0.0	7.9	0.2	8.7	20.3	0.0
Computer Studies/Computing	77.3	71.8	76.4	79.4	73.9	39.7	75.0
D&T Electronic Products	7.7	5.1	14.3	7.9	13.0	2.9	2.5
D&T Engineering	0.1	1.3	0.7	0.3	0.0	0.0	0.0
D&T Food Technology	38.0	53.8	38.6	42.8	30.4	11.4	40.0
D&T Graphic Products	32.1	33.3	27.1	35.7	34.8	8.8	20.0
D&T Product Design	41.9	35.9	44.3	38.7	47.8	14.7	25.0
D&T Resistant Materials	47.1	44.9	32.9	54.4	34.8	32.2	45.0
D&T Systems & Control	2.7	1.3	4.3	3.2	8.7	1.7	5.0
D&T Textiles Technology	34.4	33.3	30.7	36.7	30.4	10.1	27.5
Dance	26.6	30.8	14.3	23.9	4.3	11.1	25.0
Drama & Theatre Studies	71.7	62.8	68.6	73.5	65.2	62.1	60.0
Dutch	8.7	7.7	1.4	7.5	8.7	3.9	5.0
Economics	8.7	3.8	20.0	6.9	4.3	6.6	0.0
Electronics	0.2	0.0	2.9	0.2	0.0	2.4	0.0
Engineering Studies	0.1	0.0	0.7	0.1	0.0	0.0	0.0
English Language	99.8	100.0	100.0	98.7	100.0	63.1	100.0
English Language & Literature	1.5	1.3	0.7	1.0	0.0	2.1	2.5
English Literature	99.7	100.0	100.0	98.7	100.0	60.1	100.0
English Studies	0.1	0.0	0.0	0.0	0.0	0.0	0.0
English for Speakers of other Languages	4.8	2.6	0.7	4.1	0.0	10.6	5.0
Environmental Science	2.5	2.6	0.0	2.8	0.0	0.6	2.5
Expressive Arts & Performance	2.3	2.6	1.4	2.2	0.0	0.9	0.0
Film Studies	6.9	9.0	0.0	7.3	4.3	1.1	7.5
French	90.3	94.9	99.3	92.2	100.0	69.3	87.5
Further additional science	16.1	21.8	1.4	15.5	4.3	5.8	22.5
General Studies	3.2	1.3	1.4	2.1	4.3	0.6	7.5
Geography	97.9	98.7	100.0	98.6	100.0	80.5	97.5
Geology	0.3	0.0	5.7	0.9	4.3	0.9	0.0
German	48.4	34.6	83.6	47.6	95.7	47.1	27.5
Gujarati	4.1	0.0	4.3	3.7	4.3	1.9	0.0
Health & Social Care	8.6	6.4	0.7	8.3	4.3	0.3	15.0
Hindi	0.1	0.0	0.0	0.1	4.3	0.0	0.0
History	97.4	100.0	100.0	98.9	100.0	76.7	97.5

Subject	Academy (comp)	Academy (modern)	Academy (selective)	Comp.	Grammar	Ind.	Sec Mod
Home Economics: Child Development	22.4	26.9	0.0	23.0	0.0	2.6	12.5
Home Economics: Food	8.3	11.5	7.9	8.1	26.1	15.7	7.5
Home Economics: Textiles	0.4	0.0	0.0	1.1	0.0	0.3	0.0
Humanities: Single	1.6	3.8	0.0	2.1	0.0	0.9	0.0
Information & Communications Technology	49.1	39.7	36.4	45.9	21.7	28.1	40.0
Italian	27.6	26.9	10.0	31.8	26.1	20.8	27.5
Japanese	5.1	7.7	20.7	5.4	17.4	12.7	0.0
Latin	4.2	2.6	35.7	2.6	47.8	41.9	2.5
Law	2.4	2.6	0.7	2.6	0.0	0.9	5.0
Mathematics	99.8	100.0	100.0	98.9	100.0	61.6	100.0
Media/Film/TV Studies	41.6	47.4	8.6	40.7	17.4	5.4	30.0
Modern Greek	8.2	12.8	6.4	8.5	4.3	5.0	2.5
Modern Hebrew	0.5	0.0	0.0	1.7	0.0	1.1	0.0
Music	76.2	73.1	97.9	80.0	100.0	72.3	47.5
Office Technology	6.8	7.7	2.1	7.5	8.7	5.7	7.5
Other Classical Languages	0.2	0.0	0.7	0.4	0.0	1.9	0.0
Performing Arts	6.9	5.1	2.9	7.1	0.0	1.6	2.5
Persian	7.0	7.7	5.0	8.1	0.0	2.4	2.5
Physical Education/Sports	83.7	85.9	87.9	86.4	78.3	55.8	80.0
Physics	80.3	69.2	99.3	81.4	91.3	50.4	62.5
Polish	43.5	44.9	17.9	45.3	13.0	3.4	37.5
Portuguese	24.7	35.9	1.4	26.8	0.0	4.6	12.5
Preparation for Work	1.1	0.0	0.7	0.7	0.0	0.4	2.5
Psychology	13.9	14.1	7.1	12.8	8.7	6.4	25.0
Punjabi	5.8	6.4	12.1	6.2	13.0	1.1	7.5
Religious Studies	80.3	88.5	89.3	87.4	87.0	71.8	77.5
Russian	16.4	19.2	18.6	16.5	13.0	27.8	7.5
Science (Core)	98.5	98.7	61.4	99.0	78.3	56.1	97.5
Science: Double Award	0.5	0.0	2.1	0.2	0.0	0.1	0.0
Social Science: Citizenship	9.6	6.4	1.4	11.3	0.0	2.7	7.5
Sociology	19.4	20.5	3.6	19.0	4.3	2.9	22.5
Spanish	75.6	79.5	83.6	74.8	78.3	59.6	67.5
Statistics	19.4	21.8	10.0	16.5	13.0	8.1	32.5
Turkish	12.7	15.4	3.6	15.7	4.3	3.7	10.0
Urdu	11.6	11.5	5.7	13.7	4.3	7.4	12.5

Table 11: Provision of GCSEs by school attainment group (percentages)

Subject	Low attainment → High attainment				
	Group I	Group II	Group III	Group IV	Group V
Additional Science	94.2	96.5	97.1	93.6	56.2
Ancient History	0.4	1.3	1.0	0.8	2.8
Applied Art & Design	0.9	1.0	1.0	1.0	0.9
Applied Business	0.1	0.0	0.0	0.3	0.0
Applied Engineering	5.1	7.3	7.7	6.7	2.0
Arabic	20.5	18.5	20.1	26.2	16.4
Art & Design	60.6	59.6	61.5	56.7	46.1
Art & Design (3d Studies)	2.5	3.7	3.7	3.1	4.2
Art & Design (Critical Studies)	0.1	0.0	0.1	0.1	0.1
Art & Design (Fine Art)	32.0	39.1	38.2	42.1	51.4
Art & Design (Graphics)	5.1	9.3	9.6	8.8	5.2
Art & Design (Photography)	31.0	30.9	30.3	25.4	13.5
Art & Design (Textiles)	9.7	12.5	14.0	13.4	10.4
Astronomy	1.7	4.5	5.0	6.8	8.7
Bengali	5.0	4.7	3.0	3.4	1.6
Biology	63.8	80.2	81.5	84.4	68.6
Business Studies: Single	36.0	47.1	55.4	58.8	32.8
Chemistry	63.0	80.1	81.5	83.7	67.1
Chinese	10.1	15.3	14.4	22.4	37.5
Classical Civilisation	1.0	2.4	2.2	3.7	24.0
Classical Greek	0.0	0.4	0.5	0.5	20.6
Computer Studies/Computing	64.0	77.1	77.6	74.2	59.1
D&T Electronic Products	2.9	5.5	10.4	9.0	7.0
D&T Engineering	0.1	0.4	0.0	0.3	0.1
D&T Food Technology	31.1	35.4	41.9	39.6	24.8
D&T Graphic Products	23.5	28.6	36.4	33.9	18.8
D&T Product Design	31.9	42.5	38.8	37.4	28.2
D&T Resistant Materials	44.0	47.8	51.2	45.6	37.4
D&T Systems & Control	1.2	2.0	3.4	3.7	3.3
D&T Textiles Technology	22.3	30.3	37.4	37.1	23.0
Dance	19.3	22.0	25.7	28.0	16.8
Drama & Theatre Studies	49.7	69.6	74.1	78.2	75.6
Dutch	7.7	8.1	7.5	7.7	4.9
Economics	2.6	6.6	7.7	10.9	12.3
Electronics	0.1	0.3	0.1	0.4	2.5
Engineering Studies	0.1	0.1	0.0	0.0	0.1
English Language	99.0	99.2	98.3	95.2	71.9
English Language & Literature	2.4	2.1	1.0	1.0	0.8
English Literature	96.3	99.0	98.0	95.2	71.7
English Studies	0.0	0.1	0.1	0.0	0.0
English for Speakers of other languages	6.2	4.7	4.9	5.0	6.6
Environmental Science	2.5	2.8	2.6	2.5	0.3
Expressive Arts & Performance	2.4	2.6	2.4	1.8	0.5
Film Studies	6.8	7.2	7.9	5.4	1.2
French	76.8	89.0	92.1	92.5	84.9
Further additional science	18.1	16.4	15.7	11.5	6.3
General Studies	3.8	3.3	3.1	0.9	0.9
Geography	92.0	97.2	96.6	95.3	92.5
Geology	0.3	0.5	0.5	0.4	2.1
German	28.0	41.5	50.8	58.3	65.1
Gujarati	2.2	3.7	3.7	3.8	3.9
Health & Social Care	8.4	8.8	7.9	7.5	0.8
Hindi	0.3	0.1	0.0	0.0	0.1

Subject	Group I	Group II	Group III	Group IV	Group V
History	90.4	97.9	97.2	96.6	87.3
Home Economics: Child Development	21.3	22.3	21.5	20.7	3.3
Home Economics: Food	6.6	7.1	8.8	12.7	13.8
Home Economics: Textiles	0.4	0.3	0.7	1.2	0.3
Humanities: Single	2.2	1.8	1.2	2.1	0.3
Information & Communications Technology	39.2	44.4	50.8	50.1	31.6
Italian	26.1	25.7	26.4	28.3	26.2
Japanese	1.7	3.8	3.5	9.0	17.7
Latin	0.5	2.2	3.5	7.1	47.0
Law	2.1	3.1	2.0	2.2	0.9
Mathematics	99.5	99.3	98.4	97.0	68.6
Media/Film/TV Studies	36.9	38.9	44.4	36.2	9.7
Modern Greek	7.5	5.5	8.1	8.3	8.4
Modern Hebrew	0.1	0.7	0.7	1.3	1.8
Music	53.0	71.6	81.9	86.9	89.9
Office Technology	7.0	5.6	7.9	6.8	5.8
Other Classical Languages	0.1	0.1	0.3	0.7	1.6
Performing Arts	7.7	6.9	6.7	4.8	2.2
Persian	7.7	6.8	4.3	6.9	5.2
Physical Education/Sports	67.1	82.7	86.0	87.2	72.3
Physics	63.3	79.9	81.5	83.7	67.1
Polish	46.2	42.2	37.9	35.9	14.0
Portuguese	26.6	26.7	21.4	19.0	8.7
Preparation for Work	1.3	1.6	0.8	0.4	0.3
Psychology	15.6	15.2	12.5	10.5	6.3
Punjabi	5.5	5.2	6.0	6.0	3.8
Religious Studies	68.5	79.6	83.7	87.2	84.5
Russian	16.0	16.6	13.5	15.2	30.7
Science (Core)	96.3	97.5	98.0	95.0	58.8
Science: Double Award	0.4	0.5	0.4	0.4	0.4
Social Science: Citizenship	11.4	10.1	8.9	9.0	1.8
Sociology	16.9	19.8	18.8	17.3	5.2
Spanish	63.0	71.2	75.2	78.5	74.8
Statistics	19.2	18.6	18.6	17.3	7.6
Turkish	13.6	13.0	11.0	12.6	6.6
Urdu	13.8	13.0	12.1	11.7	5.2

Table 12: Provision of GCSEs by school deprivation group (percentages)

Subject	Low deprivation →			High deprivation	
	Group A	Group B	Group C	Group D	Group E
Additional Science	93.2	94.9	97.3	97.3	98.2
Ancient History	1.9	1.4	0.5	0.5	1.3
Applied Art & Design	1.4	1.1	1.1	0.3	1.0
Applied Business	0.0	0.0	0.2	0.0	0.0
Applied Engineering	8.4	8.3	8.4	5.8	3.9
Arabic	11.7	13.7	16.9	29.1	36.5
Art & Design	58.8	56.5	59.9	60.8	65.7
Art & Design (3d Studies)	2.1	3.3	2.4	2.9	4.2
Art & Design (Critical Studies)	0.3	0.2	0.0	0.0	0.2
Art & Design (Fine Art)	42.8	45.1	39.9	37.3	32.5
Art & Design (Graphics)	8.2	8.3	8.1	9.0	7.8
Art & Design (Photography)	28.3	25.0	32.4	31.4	29.5
Art & Design (Textiles)	13.8	12.1	12.7	10.5	12.7
Astronomy	9.5	6.2	4.8	3.5	2.8
Bengali	0.6	1.1	1.9	4.5	12.2
Biology	90.2	88.4	82.4	74.9	69.2
Business Studies: Single	60.3	58.5	51.0	47.6	37.2
Chemistry	90.0	88.5	81.8	74.4	68.7
Chinese	20.7	17.9	14.5	16.4	20.1
Classical Civilisation	4.0	4.1	3.4	2.4	1.5
Classical Greek	2.1	1.0	0.5	0.5	0.2
Computer Studies/Computing	84.2	81.3	77.5	74.3	69.8
D&T Electronic Products	12.9	11.2	7.9	5.3	2.1
D&T Engineering	0.5	0.3	0.0	0.2	0.2
D&T Food Technology	48.7	45.3	41.4	34.4	29.5
D&T Graphic Products	43.1	38.0	33.8	28.0	20.2
D&T Product Design	41.3	42.6	43.5	41.0	34.4
D&T Resistant Materials	57.1	53.3	48.1	43.2	39.2
D&T Systems & Control	6.1	4.0	2.3	1.8	0.5
D&T Textiles Technology	43.4	39.6	34.9	31.0	23.7
Dance	32.8	27.1	25.0	21.7	18.1
Drama & Theatre Studies	84.6	79.7	72.0	62.1	57.6
Dutch	5.8	3.3	7.1	9.6	14.0
Economics	11.3	9.7	8.1	5.8	6.9
Electronics	0.8	0.2	0.2	0.2	0.2
Engineering Studies	0.0	0.2	0.2	0.2	0.0
English Language	99.7	99.7	99.2	99.2	99.7
English Language & Literature	1.3	1.0	1.1	1.3	1.8
English Literature	99.7	99.7	99.2	99.0	99.2
English Studies	0.0	0.0	0.2	0.0	0.2
English for Speakers of other languages	1.8	2.2	4.0	6.8	6.9
Environmental Science	4.3	4.1	1.6	1.1	1.1
Expressive Arts & Performance	2.4	0.6	2.3	2.6	3.1
Film Studies	4.7	4.5	8.9	7.4	8.3
French	97.3	95.9	91.8	87.9	83.0
Further additional science	11.3	12.8	16.1	17.7	19.2
General Studies	1.9	3.5	3.1	3.1	2.6
Geography	99.0	99.7	97.9	96.8	96.7
Geology	1.6	1.0	0.6	0.5	0.0
German	73.3	60.9	44.4	38.4	28.5
Gujarati	1.9	2.4	4.5	7.6	2.8
Health & Social Care	6.6	4.9	8.7	9.3	11.1
Hindi	0.0	0.2	0.2	0.2	0.2
History	98.7	99.0	96.9	96.9	97.6

Subject	Group A	Group B	Group C	Group D	Group E
Home Economics: Child Development	23.2	22.6	24.2	19.3	17.3
Home Economics: Food	12.1	9.6	8.5	7.2	4.9
Home Economics: Textiles	1.0	0.5	0.5	0.5	0.7
Humanities: Single	1.8	1.1	2.9	1.8	1.0
Information & Communications Technology	47.3	44.2	48.6	48.4	45.2
Italian	18.0	20.3	24.8	34.1	42.6
Japanese	9.5	7.7	4.7	5.0	2.8
Latin	13.5	5.9	3.1	1.9	2.3
Law	3.2	2.4	1.6	2.4	2.1
Mathematics	99.7	99.7	99.4	99.4	99.7
Media/Film/TV Studies	37.0	39.1	43.3	41.6	36.5
Modern Greek	7.2	6.4	8.2	10.1	8.8
Modern Hebrew	2.3	0.8	0.6	0.5	0.2
Music	93.6	88.4	77.3	68.8	60.4
Office Technology	6.8	5.6	6.6	9.0	6.2
Other Classical Languages	1.1	0.2	0.0	0.0	0.0
Performing Arts	4.5	5.4	6.6	8.0	8.6
Persian	3.7	4.1	5.2	10.0	12.6
Physical Education/Sports	93.7	90.9	84.4	79.9	73.4
Physics	90.0	88.5	81.5	75.1	68.4
Polish	25.2	36.7	43.6	54.0	53.2
Portuguese	10.3	16.1	21.1	33.6	39.8
Preparation for Work	0.5	1.0	1.3	1.0	1.0
Psychology	10.3	13.1	15.8	12.7	14.5
Punjabi	2.9	4.5	5.8	11.7	6.5
Religious Studies	88.9	85.8	81.8	81.2	76.2
Russian	14.1	11.5	15.5	20.3	20.4
Science (Core)	93.7	95.1	98.6	97.7	99.2
Science: Double Award	0.8	0.6	0.3	0.5	0.2
Social Science: Citizenship	5.8	4.6	10.0	14.1	13.4
Sociology	14.1	16.1	17.4	20.4	24.5
Spanish	81.2	75.8	71.7	74.9	74.4
Statistics	16.9	16.6	19.0	19.6	18.6
Turkish	7.1	8.3	11.4	16.6	22.3
Urdu	3.7	5.1	8.7	20.4	22.2

Table 13: Provision of GCSEs by school gender (percentages)

Subject	Boys	Girls	Mixed
Additional Science	64.8	72.9	91.2
Ancient History	3.2	1.7	1.0
Applied Art & Design	1.6	0.7	1.0
Applied Business	0.0	0.0	0.1
Applied Engineering	4.5	1.0	6.5
Arabic	29.1	32.5	18.1
Art & Design	38.9	47.5	59.5
Art & Design (3d Studies)	1.2	3.2	3.6
Art & Design (Critical Studies)	0.0	0.2	0.1
Art & Design (Fine Art)	47.0	46.8	39.3
Art & Design (Graphics)	7.3	3.7	8.1
Art & Design (Photography)	17.8	14.8	28.4
Art & Design (Textiles)	0.0	16.0	12.4
Astronomy	6.9	6.7	5.0
Bengali	5.7	3.9	3.3
Biology	66.8	70.2	77.1
Business Studies: Single	40.1	32.8	48.2
Chemistry	67.2	69.0	76.5
Chinese	31.2	31.0	17.7
Classical Civilisation	13.0	17.7	4.7
Classical Greek	17.4	12.1	2.4
Computer Studies/Computing	63.6	50.7	73.4
D&T Electronic Products	14.6	0.2	7.2
D&T Engineering	0.4	0.0	0.2
D&T Food Technology	11.7	31.8	36.7
D&T Graphic Products	20.2	16.3	30.4
D&T Product Design	28.3	26.4	37.5
D&T Resistant Materials	45.3	15.3	49.0
D&T Systems & Control	4.9	0.5	2.8
D&T Textiles Technology	0.4	39.4	31.1
Dance	3.2	26.1	23.4
Drama & Theatre Studies	47.0	77.1	70.2
Dutch	8.1	6.7	7.2
Economics	14.6	7.9	7.5
Electronics	5.3	0.0	0.4
Engineering Studies	0.4	0.0	0.1
English Language	85.0	84.2	94.4
English Language & Literature	2.8	0.5	1.5
English Literature	82.6	83.3	93.9
English Studies	0.0	0.0	0.1
English for Speakers of other languages	4.5	4.2	5.7
Environmental Science	0.0	0.2	2.5
Expressive Arts & Performance	0.0	1.5	2.2
Film Studies	2.4	2.2	6.4
French	78.1	83.5	88.2
Further additional science	9.7	10.8	14.3
General Studies	1.6	0.5	2.7
Geography	87.0	90.9	95.8
Geology	4.0	0.7	0.5
German	49.4	53.9	48.0
Gujarati	5.3	4.4	3.2
Health & Social Care	0.4	5.7	7.3
Hindi	0.4	0.0	0.1
History	85.8	90.9	94.9

Subject	Boys	Girls	Mixed
Home Economics: Child Development	0.4	10.6	20.1
Home Economics: Food	2.8	16.0	9.5
Home Economics: Textiles	0.0	1.7	0.4
Humanities: Single	1.2	0.5	1.7
Information & Communications Technology	35.2	36.9	44.7
Italian	24.7	31.0	26.1
Japanese	13.0	15.5	5.6
Latin	30.0	35.2	7.7
Law	0.8	1.2	2.3
Mathematics	85.0	77.6	95.1
Media/Film/TV Studies	19.8	15.5	36.5
Modern Greek	7.3	7.9	7.5
Modern Hebrew	2.4	2.0	0.7
Music	74.9	83.0	76.0
Office Technology	3.2	10.1	6.4
Other Classical Languages	2.8	2.5	0.1
Performing Arts	1.2	4.4	6.2
Persian	6.9	8.9	5.8
Physical Education/Sports	65.6	71.4	81.1
Physics	67.2	69.0	76.5
Polish	24.7	22.2	37.8
Portuguese	15.8	17.2	21.3
Preparation for Work	0.0	0.7	0.9
Psychology	4.0	6.9	13.3
Punjabi	5.3	6.4	5.2
Religious Studies	82.6	90.4	79.3
Russian	19.0	25.4	17.5
Science (Core)	68.4	74.9	92.6
Science: Double Award	1.6	0.2	0.3
Social Science: Citizenship	6.5	10.1	8.2
Sociology	2.0	13.5	16.9
Spanish	64.8	72.7	73.1
Statistics	15.0	10.1	17.2
Turkish	10.1	12.8	11.3
Urdu	16.2	18.5	9.8

Table 14: Provision of GCSEs by school size (percentages)

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Additional Science	60.1	72.9	81.4	93.5	98.8
Ancient History	0.0	0.7	0.6	1.7	1.8
Applied Art & Design	0.0	1.0	1.0	0.8	3.2
Applied Business	0.0	0.3	0.2	0.0	0.0
Applied Engineering	0.8	1.0	4.2	6.7	11.8
Arabic	20.2	13.6	13.5	22.8	27.4
Art & Design	35.7	47.5	59.5	59.4	60.3
Art & Design (3d Studies)	0.4	3.1	3.1	4.0	3.8
Art & Design (Critical Studies)	0.0	0.0	0.0	0.2	0.0
Art & Design (Fine Art)	26.2	41.0	39.8	42.0	43.8
Art & Design (Graphics)	3.4	4.7	5.3	8.2	15.0
Art & Design (Photography)	10.3	15.9	19.2	29.5	44.1
Art & Design (Textiles)	4.2	12.2	9.1	12.9	19.1
Astronomy	0.8	2.7	3.9	6.1	9.4
Bengali	2.3	1.0	2.5	4.4	4.1
Biology	43.0	62.7	70.1	81.9	87.4
Business Studies: Single	22.8	27.5	32.9	52.7	70.0
Chemistry	41.4	62.7	69.0	81.4	87.1
Chinese	4.9	18.0	19.3	20.7	30.6
Classical Civilisation	1.9	12.9	10.8	5.0	5.0
Classical Greek	0.4	4.1	8.6	3.8	1.5
Computer Studies/Computing	18.3	37.6	63.6	80.8	90.9
D&T Electronic Products	0.8	1.7	4.1	8.1	16.2
D&T Engineering	0.0	0.0	0.1	0.1	1.2
D&T Food Technology	6.8	13.6	27.5	40.9	51.8
D&T Graphic Products	5.3	6.4	18.6	34.6	48.5
D&T Product Design	4.2	17.6	31.0	42.9	43.2
D&T Resistant Materials	12.9	24.1	45.6	49.7	60.0
D&T Systems & Control	0.8	1.0	2.2	2.8	6.5
D&T Textiles Technology	3.0	8.8	18.8	37.1	52.4
Dance	5.3	6.8	14.4	25.6	48.2
Drama & Theatre Studies	22.8	51.9	61.3	78.0	87.6
Dutch	0.8	3.1	4.9	8.5	12.9
Economics	5.3	4.7	4.8	8.8	15.9
Electronics	0.8	1.0	0.7	0.6	0.6
Engineering Studies	0.0	0.0	0.0	0.1	0.3
English Language	87.1	82.0	85.3	96.7	99.4
English Language & Literature	3.8	3.1	0.5	1.1	2.6
English Literature	75.7	82.4	85.5	96.8	99.4
English Studies	0.0	0.0	0.1	0.0	0.0
English for Speakers of other languages	4.9	7.8	7.0	4.4	6.5
Environmental Science	0.4	1.4	2.8	1.8	4.4
Expressive Arts & Performance	1.1	1.0	1.8	2.0	2.9
Film Studies	0.4	1.4	4.8	6.6	10.3
French	49.0	73.9	83.0	93.6	97.4
Further additional science	7.2	10.8	13.5	14.5	15.9
General Studies	0.8	1.4	2.3	2.9	2.1
Geography	60.1	85.1	96.4	99.0	99.7
Geology	0.0	0.0	0.7	0.9	1.2
German	19.4	40.3	42.3	52.9	68.8
Gujarati	0.4	0.7	1.6	4.3	7.6
Health & Social Care	1.1	0.3	3.7	8.2	14.1
Hindi	0.0	0.0	0.2	0.1	0.0
History	66.9	84.4	91.9	98.4	99.7

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Home Economics: Child Development	5.3	3.7	11.2	20.9	36.5
Home Economics: Food	11.0	16.9	7.6	8.7	14.7
Home Economics: Textiles	0.0	1.4	0.4	0.6	0.3
Humanities: Single	1.5	0.7	0.9	1.9	1.8
Information & Communications Technology	25.9	31.2	33.4	48.6	57.4
Italian	3.8	13.2	22.7	31.1	36.8
Japanese	1.9	5.4	8.1	7.6	7.6
Latin	6.5	24.4	19.3	9.0	7.4
Law	0.8	2.4	0.6	2.5	3.8
Mathematics	90.1	81.4	84.6	96.4	99.7
Media/Film/TV Studies	5.3	11.9	22.2	40.0	57.4
Modern Greek	1.1	2.7	4.8	9.7	10.3
Modern Hebrew	1.5	2.7	0.4	0.8	1.2
Music	29.3	64.7	72.4	83.4	92.1
Office Technology	6.1	5.4	6.0	6.7	8.8
Other Classical Languages	2.3	3.7	0.1	0.1	0.3
Performing Arts	2.7	3.1	4.3	6.8	7.1
Persian	0.4	2.7	4.3	7.4	10.9
Physical Education/Sports	30.0	63.1	72.7	87.2	95.3
Physics	41.4	62.4	69.4	81.5	86.2
Polish	1.9	8.8	29.5	43.4	47.6
Portuguese	1.5	3.4	16.8	26.0	25.0
Preparation for Work	0.4	1.0	0.5	1.1	0.3
Psychology	7.2	8.1	8.2	13.6	18.5
Punjabi	1.5	0.7	3.3	6.5	10.0
Religious Studies	43.7	64.4	76.5	87.3	92.6
Russian	5.3	14.2	19.2	19.9	21.5
Science (Core)	70.7	77.6	82.6	94.0	99.1
Science: Double Award	0.4	0.3	0.6	0.4	0.3
Social Science: Citizenship	4.2	4.1	5.0	9.7	13.8
Sociology	5.3	3.7	5.5	19.3	35.0
Spanish	33.1	58.6	65.4	79.8	87.6
Statistics	8.4	9.5	15.1	17.1	25.9
Turkish	1.5	2.4	8.2	14.1	17.1
Urdu	12.5	7.5	8.4	11.9	15.3

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