



**Cambridge
Assessment**

Provision of GCSE subjects 2016

Statistics Report Series No. 115

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September 2017

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How to cite this publication:

Gill, T. 2017. *Provision of GCSE subjects 2016. Statistics Report Series No. 115*. Cambridge, UK: Cambridge Assessment.

Introduction

This report looks at the provision of GCSE (and IGCSE¹) subjects in England in 2016. For the remainder of the report 'GCSEs' will be used to refer to both GCSEs and IGCSEs. Provision is defined as the number or percentage of schools with at least one student taking the subject.

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 (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.

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 2016. Provision of applied and short course GCSEs was not investigated. Only accredited IGCSEs were counted in this report as non-accredited versions of these qualifications are no longer included in the NPD extract.

School type

There are several different types of school offering GCSEs. In previous statistical reports a school type classification based on data from the National Centre Number (NCN) database was used. However, such classification has become less and less valid in recent years due to the increasing number of Academy schools. The NCN database groups all Academy schools together, independently of their policy in terms of selection by academic ability. This is despite the fact that an Academy school may have converted from a Grammar school and still have a selective admissions policy or from a Secondary Modern school and therefore be non-selective and located in an area with Grammar schools. How selective a school is in terms of admissions is likely to be an important factor determining provision of different subjects. Therefore, in this report a different classification was used, taken from the Edubase database of schools (the Department for Education's register of educational establishments). The database was downloaded from the Edubase website² and data was combined in order to produce categories of schools based on both the management status of the school (Academy or not) and the admissions policy. For example, schools classified as 'Academy (comp)' were Academy schools which were originally comprehensive schools. Table 1 presents the number and percentage of each school type.

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.

¹ These qualifications are officially called Level 1 / Level 2 Certificates, but are commonly referred to as IGCSEs.

² <http://www.education.gov.uk/edubase/about.xhtml>

Table 1: School type

School Type	Number of Schools	Percentage
Academy (comp)	1803	47.4
Academy (sec mod)	80	2.1
Academy (selective)	140	3.7
Comprehensive	994	26.1
Grammar	23	0.6
Independent	724	19.0
Secondary Modern	41	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 mean GCSE, calculated by converting grades to scores (A*=8, A=7, B=6 etc.).

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 ↓ ↓ ↓ High	Group I	763	0.9	4.4	4.0
	Group II	764	4.4	4.8	4.6
	Group III	763	4.8	5.2	5.0
	Group IV	764	5.2	5.8	5.4
	Group V	763	5.8	7.9	6.5

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 obvious 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 LSOA) living in low income families. 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 themselves 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 ↓ ↓ ↓ High	Group A	618	0.03	0.12	0.09
	Group B	619	0.12	0.17	0.14
	Group C	618	0.17	0.23	0.20
	Group D	619	0.23	0.33	0.28
	Group E	618	0.33	0.71	0.42

School gender

A variable categorising schools by their gender make-up was created. The categorisation 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	250	6.5
Girls	429	11.2
Mixed	3138	82.2

School size

In Table 5 schools were classified into five groups according to their size (based on the number of students 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).

Table 5: School size

School size	Number of Schools	Percentage
Less than 30	288	7.5
30-59	243	6.4
60-119	752	19.7
120-239	2128	55.8
240 or greater	406	10.6

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 34.5% having fewer than 30 students taking GCSEs and only 0.3% with more than 240 students). In contrast, only 0.5% of comprehensive schools had fewer than 30 students taking GCSEs, with 13.8% 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	2.7	15.3	66.2	14.4
Academy (mod)	0.0	3.8	15.0	71.3	10.0
Academy (sel)	0.0	0.7	27.9	71.4	0.0
Comprehensive	0.5	1.1	19.7	64.9	13.8
Grammar	0.0	0.0	34.8	65.2	0.0
Independent	34.5	23.9	29.4	12.0	0.1
Secondary Modern	0.0	7.3	17.1	75.6	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	5.9	5.1	24.8	58.1	6.2
Group II	4.2	2.7	19.4	64.0	9.7
Group III	3.7	2.5	12.1	64.6	17.2
Group IV	11.8	6.0	8.6	55.8	17.8
High Group V	12.2	15.5	33.7	36.3	2.4

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

School Deprivation Group	Less than 30	30-59	60-119	120-239	240 or greater
Low Group A	0.6	1.5	12.5	62.8	22.7
Group B	1.3	2.3	17.8	66.9	11.7
Group C	0.8	2.4	17.5	65.7	13.6
Group D	1.1	2.1	20.0	67.1	9.6
High Group E	0.8	2.6	19.7	68.7	8.1

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

School Gender	Less than 30	30-59	60-119	120-239	240 or greater
Boys School	14.0	5.6	27.6	52.0	0.8
Girls School	16.3	17.0	26.8	37.5	2.3
Mixed School	5.8	5.0	18.1	58.5	12.6

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 56.1% of secondary modern schools offered Chemistry GCSE, compared with 91.3% of grammar schools. Table 11 shows that 61.7% of schools in the lowest attainment group offered Chemistry, compared with 66.4% of schools in the highest attainment group.

It should be noted that some independent schools offer non-accredited IGCSEs instead of GCSEs (or accredited IGCSEs) 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.

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

Subject	Academy (comp)	Academy (mod)	Academy (sel)	Comp.	Grammar	Ind.	Sec Mod
Additional Science	98.2	100.0	62.9	99.0	78.3	52.8	100.0
Ancient History	1.2	1.3	3.6	1.4	0.0	1.2	2.4
Applied Art & Design	1.9	0.0	0.0	1.2	0.0	0.4	2.4
Applied Business	0.2	0.0	0.0	0.2	0.0	0.1	0.0
Applied Engineering	8.0	7.5	5.0	8.9	8.7	0.3	0.0
Arabic	20.5	15.0	16.4	19.8	13.0	15.6	17.1
Art & Design	63.2	67.5	45.7	64.6	39.1	43.8	73.2
Art & Design (3d Studies)	4.0	3.8	0.7	3.2	0.0	4.0	2.4
Art & Design (Critical Studies)	0.2	0.0	1.4	0.2	0.0	0.0	0.0
Art & Design (Fine Art)	37.3	42.5	56.4	38.0	65.2	43.9	24.4
Art & Design (Graphics)	9.3	18.8	7.9	8.7	4.3	4.6	2.4
Art & Design (Photography)	29.2	35.0	11.4	27.7	4.3	11.9	31.7
Art & Design (Textiles)	13.6	20.0	4.3	12.0	4.3	9.8	14.6
Astronomy	6.0	1.3	12.9	6.8	21.7	5.9	0.0
Bengali	4.6	0.0	0.7	7.0	4.3	1.1	4.9
Biology	79.4	65.0	98.6	80.8	91.3	52.1	56.1
Business Studies: Single	52.9	50.0	48.6	50.6	47.8	23.2	34.1
Chemistry	78.7	65.0	98.6	80.5	91.3	49.7	56.1
Chinese	18.0	20.0	40.7	15.3	39.1	25.1	9.8
Classical Civilisation	3.2	5.0	9.3	2.8	17.4	22.5	2.4
Classical Greek	0.5	0.0	5.0	0.2	8.7	19.8	0.0
Computer Studies/Computing	70.2	57.5	70.7	69.1	60.9	28.6	56.1
D&T Electronic Products	9.4	5.0	17.1	9.7	21.7	3.2	7.3
D&T Engineering	0.2	0.0	0.7	0.4	0.0	0.0	0.0
D&T Food Technology	41.5	56.3	41.4	45.0	26.1	11.3	46.3
D&T Graphic Products	36.7	37.5	35.7	40.7	30.4	9.1	26.8
D&T Product Design	42.2	35.0	41.4	39.1	47.8	14.5	31.7
D&T Resistant Materials	50.9	52.5	37.1	58.4	34.8	33.7	53.7
D&T Systems & Control	3.7	0.0	5.0	3.2	8.7	1.7	2.4
D&T Textiles Technology	40.0	33.8	33.6	41.1	30.4	10.2	26.8
Dance	29.2	35.0	16.4	27.3	4.3	9.1	24.4
Drama & Theatre Studies	74.7	68.8	74.3	76.0	60.9	61.7	61.0
Dutch	9.5	12.5	2.9	7.7	8.7	4.0	2.4
Economics	9.2	5.0	20.0	7.2	4.3	6.6	0.0
Electronics	0.5	0.0	2.1	0.2	0.0	2.1	0.0
Engineering Studies	0.1	0.0	0.0	0.1	0.0	0.0	0.0
English Language	99.2	100.0	100.0	99.8	100.0	59.7	97.6
English Language & Literature	31.2	22.5	3.6	29.9	0.0	15.6	24.4
English Literature	99.2	100.0	100.0	99.9	100.0	77.5	97.6
English Studies	0.3	0.0	0.0	0.0	0.0	0.0	0.0
English for Speakers of Other Languages	3.8	5.0	0.0	3.7	0.0	9.5	2.4
Environmental Science	3.5	5.0	0.0	3.0	0.0	0.6	4.9
Expressive Arts & Performance	3.3	1.3	1.4	3.0	0.0	1.0	4.9
Film Studies	7.3	7.5	0.0	7.4	4.3	1.0	12.2
French	92.0	96.3	99.3	94.6	95.7	72.2	92.7
Further additional science	19.4	18.8	1.4	19.3	4.3	7.2	29.3
General Studies	4.9	5.0	2.1	3.2	0.0	0.3	9.8
Geography	97.9	100.0	100.0	99.3	100.0	80.9	100.0
Geology	0.8	0.0	6.4	1.4	4.3	0.7	0.0
German	50.9	32.5	90.0	49.4	95.7	47.9	22.0
Gujarati	3.9	1.3	8.6	4.0	13.0	1.9	2.4
Health & Social Care	9.9	10.0	0.7	9.8	4.3	0.3	19.5
Hindi	0.4	0.0	0.0	0.0	0.0	0.3	0.0
History	97.7	98.8	100.0	99.8	100.0	77.6	100.0

Subject	Academy (comp)	Academy (mod)	Academy (sel)	Comp.	Grammar	Ind.	Sec Mod
Home Economics: Child Development	25.0	31.3	1.4	26.9	0.0	1.8	12.2
Home Economics: Food	9.5	11.3	8.6	8.8	26.1	17.1	12.2
Home Economics: Textiles	0.4	0.0	0.0	1.1	0.0	0.4	0.0
Humanities: Single	3.2	5.0	0.0	3.4	0.0	1.0	2.4
Information & Communications Technology	48.3	40.0	43.6	49.6	26.1	31.8	48.8
Italian	25.3	18.8	17.9	28.7	21.7	19.1	24.4
Japanese	4.9	3.8	15.0	3.6	8.7	10.1	2.4
Latin	4.9	1.3	37.1	3.4	47.8	41.7	2.4
Law	3.7	5.0	1.4	2.9	4.3	1.5	7.3
Mathematics	99.9	100.0	100.0	100.0	100.0	69.8	100.0
Media/Film/TV Studies	45.1	56.3	7.9	44.8	17.4	6.1	29.3
Modern Greek	7.9	2.5	7.1	7.0	8.7	5.0	0.0
Modern Hebrew	0.8	0.0	0.0	1.2	0.0	2.2	0.0
Music	78.5	75.0	97.9	82.3	100.0	71.8	56.1
Office Technology	9.4	12.5	1.4	8.5	8.7	5.8	7.3
Other Classical Languages	0.2	0.0	0.0	0.4	0.0	1.9	0.0
Performing Arts	8.9	10.0	3.6	8.4	0.0	1.9	12.2
Persian	7.6	5.0	1.4	7.0	0.0	3.3	0.0
Physical Education/Sports	86.5	81.3	90.0	88.0	78.3	52.8	85.4
Physics	78.8	65.0	98.6	80.5	91.3	50.0	56.1
Polish	43.3	47.5	17.1	46.8	17.4	3.7	48.8
Portuguese	25.1	30.0	1.4	23.2	8.7	2.2	14.6
Preparation for Work	1.4	2.5	1.4	1.5	0.0	0.4	2.4
Psychology	14.9	20.0	8.6	14.5	4.3	6.4	22.0
Punjabi	6.7	5.0	11.4	5.9	0.0	2.1	4.9
Religious Studies	83.1	88.8	91.4	87.8	95.7	72.9	75.6
Russian	17.0	30.0	19.3	16.8	17.4	25.7	17.1
Science (Core)	99.0	100.0	64.3	99.4	78.3	59.5	100.0
Science: Double Award	0.4	0.0	0.0	0.7	0.0	0.0	2.4
Social Science: Citizenship	10.4	8.8	2.1	12.4	4.3	2.5	12.2
Sociology	20.6	22.5	5.7	21.4	0.0	2.1	22.0
Spanish	75.4	81.3	85.7	75.5	82.6	58.4	82.9
Statistics	27.1	40.0	16.4	26.4	17.4	10.8	53.7
Turkish	12.6	16.3	5.7	12.3	0.0	3.6	17.1
Urdu	12.7	16.3	3.6	13.6	4.3	8.1	12.2

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	95.8	97.1	97.4	94.8	56.0
Ancient History	1.4	1.2	1.3	0.7	2.2
Applied Art & Design	1.0	1.4	1.3	2.5	0.4
Applied Business	0.3	0.0	0.3	0.0	0.3
Applied Engineering	7.1	8.4	8.8	6.3	2.2
Arabic	19.7	18.5	18.7	23.3	15.2
Art & Design	63.6	63.5	61.2	59.4	48.1
Art & Design (3d Studies)	2.0	3.9	3.8	5.4	3.1
Art & Design (Critical Studies)	0.4	0.0	0.3	0.1	0.3
Art & Design (Fine Art)	32.8	35.3	39.2	39.9	50.5
Art & Design (Graphics)	6.2	10.1	11.1	8.2	5.6
Art & Design (Photography)	27.0	32.1	27.1	24.9	13.2
Art & Design (Textiles)	10.6	13.5	13.4	13.6	9.8
Astronomy	2.1	4.5	7.1	8.8	9.4
Bengali	6.2	5.0	5.2	4.5	0.8
Biology	62.9	77.6	82.8	82.1	67.8
Business Studies: Single	37.7	47.1	57.1	56.2	32.6
Chemistry	61.7	77.0	82.6	81.0	66.4
Chinese	11.3	13.1	16.6	23.0	33.7
Classical Civilisation	1.3	2.4	2.8	4.7	24.2
Classical Greek	0.0	0.3	0.3	0.4	20.4
Computer Studies/Computing	59.8	64.8	69.7	64.7	48.2
D&T Electronic Products	6.0	6.9	11.0	10.7	8.0
D&T Engineering	0.0	0.5	0.4	0.1	0.1
D&T Food Technology	35.1	37.3	42.1	44.1	25.4
D&T Graphic Products	27.4	35.5	40.0	38.1	20.3
D&T Product Design	35.1	38.7	40.5	38.6	25.8
D&T Resistant Materials	49.3	51.6	56.9	48.0	38.8
D&T Systems & Control	1.3	3.1	3.4	4.3	3.7
D&T Textiles Technology	26.7	37.4	40.8	41.8	23.2
Dance	20.8	25.8	28.8	30.8	14.9
Drama & Theatre Studies	56.1	68.5	81.1	78.8	75.6
Dutch	8.7	8.4	7.7	9.0	4.7
Economics	3.9	5.2	9.0	12.2	11.4
Electronics	0.4	0.4	0.4	0.5	2.1
Engineering Studies	0.0	0.4	0.0	0.0	0.0
English Language	97.2	97.9	98.7	95.3	70.1
English Language & Literature	27.7	27.0	32.8	33.1	11.8
English Literature	96.6	97.8	99.1	95.9	86.2
English Studies	0.1	0.1	0.3	0.1	0.0
English for Speakers of Other Languages	6.4	3.5	2.8	5.1	5.8
Environmental Science	3.5	3.7	2.6	3.3	0.4
Expressive Arts & Performance	4.5	3.1	2.2	2.1	1.3
Film Studies	8.9	6.5	7.2	5.5	1.3
French	82.0	89.9	94.4	93.7	85.5
Further additional science	22.4	19.4	17.8	15.6	6.6
General Studies	6.3	4.5	3.8	2.5	0.5
Geography	92.5	97.9	97.8	94.5	92.5
Geology	0.4	1.3	0.9	0.8	2.2
German	31.6	39.5	53.6	61.3	68.0
Gujarati	2.5	3.8	3.4	4.3	4.6
Health & Social Care	10.0	10.9	9.4	7.5	0.9
Hindi	0.4	0.0	0.3	0.1	0.4

Subject	Group I	Group II	Group III	Group IV	Group V
History	93.1	97.1	97.9	96.5	87.4
Home Economics: Child Development	24.2	25.0	24.9	22.0	3.8
Home Economics: Food	7.5	9.7	9.3	13.1	14.8
Home Economics: Textiles	0.8	0.5	0.4	0.5	0.5
Humanities: Single	3.9	3.7	3.1	2.7	0.1
Information & Communications Technology	42.6	47.0	46.9	54.3	33.6
Italian	25.3	23.3	22.3	25.7	26.3
Japanese	1.3	2.5	3.9	7.9	13.9
Latin	1.0	2.1	4.5	8.9	47.6
Law	4.3	3.9	3.3	2.0	1.7
Mathematics	99.9	99.6	99.9	98.7	73.1
Media/Film/TV Studies	37.6	45.7	49.8	37.8	9.0
Modern Greek	5.6	6.2	7.9	7.7	7.1
Modern Hebrew	0.1	0.3	1.2	1.2	2.8
Music	56.4	73.6	87.0	86.1	89.8
Office Technology	8.7	9.7	8.9	9.2	4.7
Other Classical Languages	0.0	0.1	0.4	0.5	1.7
Performing Arts	10.0	9.3	8.0	6.0	2.8
Persian	7.6	6.3	7.2	6.0	3.9
Physical Education/Sports	76.0	81.5	87.2	87.3	69.3
Physics	61.9	77.2	82.6	81.3	66.3
Polish	50.1	42.7	39.4	32.3	13.5
Portuguese	30.1	22.0	20.8	17.5	5.8
Preparation for Work	1.8	1.7	1.4	1.2	0.4
Psychology	15.1	16.4	16.6	10.9	6.2
Punjabi	7.5	6.3	4.7	5.4	4.6
Religious Studies	72.7	81.8	86.5	86.8	85.3
Russian	17.8	16.5	14.5	17.9	27.8
Science (Core)	97.8	97.9	98.7	96.5	59.8
Science: Double Award	0.3	0.8	0.4	0.5	0.1
Social Science: Citizenship	12.6	12.3	9.4	9.0	1.7
Sociology	19.9	20.0	20.6	18.1	4.7
Spanish	64.1	72.1	76.0	76.6	74.4
Statistics	27.3	26.2	29.1	24.3	12.3
Turkish	11.9	11.8	12.3	11.0	5.8
Urdu	16.5	14.3	11.8	11.6	4.5

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	94.0	95.9	97.1	98.0	99.0
Ancient History	1.8	1.5	1.1	1.3	1.3
Applied Art & Design	2.1	2.4	1.1	1.3	0.8
Applied Business	0.2	0.2	0.2	0.2	0.2
Applied Engineering	9.7	8.4	9.7	7.3	5.0
Arabic	10.4	10.0	12.3	20.7	46.1
Art & Design	62.9	58.7	60.7	65.0	67.8
Art & Design (3d Studies)	4.5	3.4	2.8	3.4	3.7
Art & Design (Critical Studies)	0.2	0.3	0.3	0.2	0.3
Art & Design (Fine Art)	41.3	43.6	39.8	35.8	32.4
Art & Design (Graphics)	10.2	7.8	9.1	8.8	9.9
Art & Design (Photography)	27.0	26.4	30.9	29.6	25.6
Art & Design (Textiles)	13.9	12.6	12.5	10.4	14.5
Astronomy	10.4	6.8	6.8	4.4	4.1
Bengali	0.5	1.0	1.5	4.7	17.9
Biology	90.3	86.5	82.2	72.0	69.4
Business Studies: Single	61.7	56.9	52.4	45.9	41.2
Chemistry	90.1	86.1	81.9	71.3	68.2
Chinese	20.1	18.8	12.5	16.8	23.3
Classical Civilisation	3.7	5.2	4.2	2.3	2.0
Classical Greek	1.1	1.0	0.6	0.2	0.3
Computer Studies/Computing	76.2	70.3	69.3	67.8	63.0
D&T Electronic Products	14.7	11.3	12.9	6.4	3.6
D&T Engineering	0.6	0.5	.	0.3	0.0
D&T Food Technology	51.8	48.8	42.4	38.6	33.1
D&T Graphic Products	48.2	41.0	37.9	34.0	27.9
D&T Product Design	41.6	41.7	43.7	40.7	36.8
D&T Resistant Materials	62.1	55.4	51.0	50.7	44.0
D&T Systems & Control	6.6	4.4	2.9	2.8	1.0
D&T Textiles Technology	48.9	43.4	40.5	34.5	31.1
Dance	35.8	30.5	29.4	23.9	19.7
Drama & Theatre Studies	88.2	79.9	71.4	66.1	67.8
Dutch	6.5	5.0	4.7	9.1	17.8
Economics	11.8	8.4	7.3	6.5	9.9
Electronics	1.0	0.3	0.3	0.2	0.5
Engineering Studies	0.0	0.2	0.2	0.2	0.0
English Language	99.8	99.5	99.5	98.4	99.8
English Language & Literature	33.8	27.9	27.5	27.7	28.2
English Literature	99.8	99.5	99.5	98.7	99.8
English Studies	0.0	0.2	0.3	0.0	0.3
English for Speakers of Other Languages	1.0	2.4	3.9	3.9	6.8
Environmental Science	5.7	3.6	3.4	2.4	1.0
Expressive Arts & Performance	2.9	1.8	2.1	4.4	4.1
Film Studies	6.0	3.9	8.6	8.5	8.5
French	98.2	96.9	94.3	88.4	88.9
Further additional science	13.4	14.3	17.8	23.5	23.9
General Studies	5.7	3.9	4.9	3.9	3.1
Geography	99.5	99.5	98.5	97.7	97.7
Geology	2.8	1.6	0.8	0.7	0.3
German	75.6	60.9	47.6	38.8	35.2
Gujarati	1.8	2.4	3.6	5.7	7.3
Health & Social Care	5.8	7.0	10.2	12.1	12.5
Hindi	.	.	0.2	0.5	0.5

Subject	Group A	Group B	Group C	Group D	Group E
History	99.4	98.5	98.9	97.9	98.5
Home Economics: Child Development	25.4	26.3	26.7	24.6	18.7
Home Economics: Food	12.3	10.2	10.0	8.6	5.9
Home Economics: Textiles	0.6	0.2	0.5	1.0	0.7
Humanities: Single	3.6	2.4	2.4	4.1	3.3
Information & Communications Technology	45.6	47.0	48.2	48.5	51.3
Italian	17.3	16.5	21.4	28.3	45.9
Japanese	8.4	5.5	4.9	2.8	3.1
Latin	11.0	8.1	4.7	3.1	3.6
Law	3.1	3.2	3.1	3.7	3.9
Mathematics	100.0	99.8	100.0	100.0	100.0
Media/Film/TV Studies	39.6	42.6	44.2	46.3	43.2
Modern Greek	5.8	5.8	7.4	8.5	9.3
Modern Hebrew	1.3	1.0	0.5	0.7	0.8
Music	95.8	87.2	81.2	70.7	67.3
Office Technology	7.9	7.0	9.1	11.9	8.3
Other Classical Languages	0.2	0.5	0.2	0.2	0.2
Performing Arts	5.8	8.4	10.2	9.4	8.5
Persian	2.6	3.2	4.4	9.1	15.3
Physical Education/Sports	95.3	90.1	85.4	84.2	79.6
Physics	90.3	86.2	82.0	71.2	68.2
Polish	23.3	34.8	46.3	54.7	57.2
Portuguese	10.5	14.3	17.6	25.2	49.0
Preparation for Work	1.0	2.1	1.1	2.0	1.3
Psychology	12.0	14.4	16.7	14.8	15.3
Punjabi	3.6	2.9	5.2	7.3	13.7
Religious Studies	90.3	87.2	82.8	82.1	83.6
Russian	13.6	12.5	16.2	21.5	23.1
Science (Core)	94.7	96.6	97.6	99.0	99.7
Science: Double Award	0.6	0.5	0.2	0.8	0.5
Social Science: Citizenship	5.8	6.6	10.2	11.4	18.9
Sociology	15.2	15.2	20.1	22.1	28.0
Spanish	81.6	74.7	74.4	71.7	78.7
Statistics	26.2	26.6	27.0	25.9	29.2
Turkish	6.3	6.0	9.2	14.2	25.6
Urdu	2.3	4.4	7.4	18.4	30.6

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

Subject	Boys	Girls	Mixed
Additional Science	67.6	73.0	91.9
Ancient History	2.0	1.6	1.3
Applied Art & Design	1.2	0.7	1.4
Applied Business	0.0	0.0	0.2
Applied Engineering	6.4	0.9	7.3
Arabic	29.6	28.9	16.9
Art & Design	39.6	50.8	61.9
Art & Design (3d Studies)	1.6	2.8	3.9
Art & Design (Critical Studies)	0.0	0.2	0.2
Art & Design (Fine Art)	47.2	43.4	38.4
Art & Design (Graphics)	8.8	4.4	8.7
Art & Design (Photography)	16.0	14.2	27.0
Art & Design (Textiles)	0.4	15.4	12.7
Astronomy	10.0	5.8	6.2
Bengali	7.6	5.4	3.9
Biology	66.0	69.0	76.1
Business Studies: Single	39.6	31.0	48.8
Chemistry	67.2	67.1	75.2
Chinese	29.2	32.4	17.0
Classical Civilisation	13.6	17.0	5.2
Classical Greek	17.2	11.0	2.3
Computer Studies/Computing	56.0	41.5	64.6
D&T Electronic Products	15.6	0.5	9.1
D&T Engineering	0.4	0.0	0.3
D&T Food Technology	12.0	32.6	39.4
D&T Graphic Products	22.0	17.0	35.1
D&T Product Design	28.0	26.1	37.7
D&T Resistant Materials	49.2	15.4	53.5
D&T Systems & Control	4.4	0.2	3.5
D&T Textiles Technology	0.0	39.6	35.9
Dance	3.2	25.4	25.7
Drama & Theatre Studies	51.6	75.1	73.2
Dutch	4.4	7.2	8.0
Economics	16.4	6.8	7.9
Electronics	4.4	0.0	0.6
Engineering Studies	0.0	0.0	0.1
English Language	80.4	83.4	93.9
English Language & Literature	20.4	14.5	28.6
English Literature	87.6	90.9	96.3
English Studies	0.0	0.0	0.2
English for Speakers of Other Languages	3.2	3.5	5.0
Environmental Science	0.4	0.2	3.2
Expressive Arts & Performance	0.4	1.6	3.0
Film Studies	2.4	2.1	6.7
French	80.4	81.8	90.8
Further additional science	11.2	12.1	17.3
General Studies	1.2	0.7	4.1
Geography	86.0	89.0	96.6
Geology	4.4	0.5	1.0
German	51.6	57.1	49.9
Gujarati	6.4	5.4	3.3
Health & Social Care	0.4	6.3	8.5
Hindi	0.4	0.0	0.3
History	85.6	91.1	95.5

Subject	Boys	Girls	Mixed
Home Economics: Child Development	0.0	14.2	22.4
Home Economics: Food	2.4	17.7	10.6
Home Economics: Textiles	0.0	1.6	0.4
Humanities: Single	2.4	0.9	3.0
Information & Communications Technology	40.8	40.1	45.9
Italian	26.4	31.0	23.6
Japanese	10.4	10.5	4.9
Latin	30.0	35.4	8.3
Law	0.8	1.6	3.4
Mathematics	86.0	82.8	96.5
Media/Film/TV Studies	20.4	16.8	39.9
Modern Greek	4.8	7.5	7.0
Modern Hebrew	2.0	3.0	0.8
Music	74.8	80.7	78.6
Office Technology	4.4	10.5	8.2
Other Classical Languages	2.4	2.6	0.1
Performing Arts	2.8	4.7	7.9
Persian	4.4	8.9	6.0
Physical Education/Sports	68.0	65.7	83.2
Physics	67.2	66.9	75.3
Polish	20.8	25.4	38.2
Portuguese	14.8	15.6	20.1
Preparation for Work	0.8	0.9	1.4
Psychology	7.2	9.1	14.0
Punjabi	6.0	5.4	5.7
Religious Studies	87.6	91.1	81.1
Russian	21.6	25.4	17.8
Science (Core)	70.0	77.2	93.5
Science: Double Award	0.4	0.5	0.4
Social Science: Citizenship	6.4	10.3	9.1
Sociology	4.8	13.3	18.1
Spanish	62.8	70.9	73.7
Statistics	22.0	15.4	25.1
Turkish	6.8	13.5	10.5
Urdu	15.6	19.8	10.3

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	65.3	72.0	80.1	93.9	99.3
Ancient History	0.0	1.2	0.4	1.8	1.7
Applied Art & Design	0.7	0.8	0.5	1.3	3.7
Applied Business	0.0	0.4	0.3	0.1	0.2
Applied Engineering	0.0	2.1	4.0	7.8	11.8
Arabic	19.8	11.1	13.0	20.7	25.9
Art & Design	37.2	45.3	59.3	62.7	64.3
Art & Design (3d Studies)	1.4	1.6	2.9	4.0	5.7
Art & Design (Critical Studies)	0.0	0.0	0.0	0.3	0.2
Art & Design (Fine Art)	27.1	40.7	41.2	40.3	40.6
Art & Design (Graphics)	4.5	3.7	6.4	9.1	12.8
Art & Design (Photography)	10.8	16.9	18.6	27.3	38.4
Art & Design (Textiles)	5.9	10.3	8.0	13.4	19.2
Astronomy	1.4	5.3	4.0	7.6	8.4
Bengali	2.1	1.6	3.5	5.3	4.2
Biology	40.6	61.7	71.8	80.0	83.5
Business Studies: Single	21.5	27.2	33.6	51.8	68.7
Chemistry	38.5	60.9	70.6	79.3	83.0
Chinese	4.9	17.3	19.1	20.4	27.3
Classical Civilisation	3.5	12.3	12.5	5.5	4.4
Classical Greek	0.3	5.3	9.0	3.7	0.7
Computer Studies/Computing	11.1	31.3	49.7	71.5	84.2
D&T Electronic Products	0.7	1.6	5.5	9.8	17.5
D&T Engineering	0.0	0.0	0.0	0.2	1.2
D&T Food Technology	6.3	14.0	28.6	43.7	51.5
D&T Graphic Products	4.2	8.6	20.9	38.4	55.2
D&T Product Design	4.2	16.0	31.8	42.0	44.6
D&T Resistant Materials	15.3	26.3	50.4	52.5	64.8
D&T Systems & Control	0.3	2.1	2.0	3.1	8.4
D&T Textiles Technology	3.8	9.5	21.5	40.6	58.6
Dance	3.5	7.8	14.1	27.6	49.8
Drama & Theatre Studies	23.6	57.2	65.8	79.2	88.9
Dutch	1.0	1.2	5.7	9.5	10.6
Economics	4.5	4.1	5.9	8.6	16.7
Electronics	0.3	0.8	0.8	0.8	0.7
Engineering Studies	0.0	0.0	0.0	0.1	0.2
English Language	76.0	79.0	84.2	96.7	99.5
English Language & Literature	23.6	18.9	19.4	28.5	35.2
English Literature	77.8	84.4	92.3	98.8	99.8
English Studies	0.0	0.0	0.3	0.1	0.0
English for Speakers of Other Languages	5.6	7.4	5.9	3.7	5.7
Environmental Science	0.3	2.1	2.8	2.5	5.7
Expressive Arts & Performance	1.4	1.2	2.1	3.1	3.2
Film Studies	0.7	1.2	4.1	6.9	10.3
French	55.2	73.7	84.8	95.1	99.0
Further additional science	12.2	9.1	14.2	17.7	20.7
General Studies	0.3	0.4	3.1	4.3	4.4
Geography	63.9	84.0	96.7	99.0	100.0
Geology	0.7	0.8	0.8	1.3	1.2
German	21.9	37.9	45.9	53.9	71.7
Gujarati	0.3	0.4	2.3	4.4	7.4
Health & Social Care	1.0	0.8	4.0	9.4	14.8
Hindi	0.3	0.0	0.0	0.3	0.2
History	69.1	84.0	92.6	98.6	100.0

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Home Economics: Child Development	3.8	3.3	12.1	23.4	37.9
Home Economics: Food	13.9	16.9	10.8	8.9	15.5
Home Economics: Textiles	0.0	1.6	0.5	0.5	0.7
Humanities: Single	1.7	0.8	1.3	3.3	3.9
Information & Communications Technology	31.3	35.0	36.7	48.4	57.4
Italian	3.5	12.3	20.6	28.9	31.5
Japanese	0.7	4.1	7.0	6.1	7.6
Latin	8.7	25.5	23.0	9.2	8.4
Law	1.4	1.6	2.3	3.7	3.0
Mathematics	94.1	86.0	85.8	97.1	99.8
Media/Film/TV Studies	5.9	9.9	24.1	43.0	58.4
Modern Greek	1.4	4.9	5.1	8.3	8.1
Modern Hebrew	1.7	4.1	0.8	0.8	1.0
Music	33.0	66.3	77.4	84.1	91.6
Office Technology	5.9	7.4	6.1	8.5	13.1
Other Classical Languages	1.7	4.1	0.3	0.1	0.2
Performing Arts	2.4	3.3	6.1	8.1	10.1
Persian	2.1	1.2	4.9	6.8	11.3
Physical Education/Sports	29.5	63.0	74.1	88.3	96.3
Physics	39.2	62.1	70.5	79.3	83.3
Polish	0.7	6.6	27.1	44.6	46.1
Portuguese	2.1	2.5	12.5	24.7	25.4
Preparation for Work	1.0	0.4	1.2	1.5	1.2
Psychology	5.6	10.7	7.6	15.1	18.7
Punjabi	2.4	2.5	2.9	6.6	10.1
Religious Studies	49.7	67.9	80.6	87.5	93.1
Russian	5.6	11.9	19.3	20.9	21.7
Science (Core)	74.3	81.1	81.9	94.4	99.5
Science: Double Award	0.0	0.0	0.7	0.5	0.0
Social Science: Citizenship	3.5	4.1	4.7	10.9	14.0
Sociology	3.5	2.1	5.5	20.3	36.7
Spanish	30.2	56.8	67.3	78.9	89.2
Statistics	9.4	13.2	19.9	26.6	33.5
Turkish	3.5	2.5	6.1	13.6	12.8
Urdu	16.7	5.8	6.6	12.8	15.8

References

Gill, T. (2016). *Provision of level 2 qualifications in English schools 2015. Statistics Report Series No.102*. Cambridge, UK: Cambridge Assessment. Available at <http://www.cambridgeassessment.org.uk/our-research/all-published-resources/statistical-reports/>