

Provision of GCSE subjects 2015

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Introduction

This report looks at the provision of GCSE (and IGCSE¹) subjects in England in 2015. 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 2015. 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. For this report these were classified into five groups (Table 1). 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: School type

School Type	Number of Schools	Percentage
Academy	1487	39.0
Comprehensive	1416	37.1
Grammar	71	1.9
Independent	758	19.9
Secondary Modern	84	2.2

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.).

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

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	681	0.6	4.3	3.7
	Group II	791	4.3	4.7	4.5
	Group III	791	4.7	5.1	4.9
	Group IV	785	5.1	5.7	5.4
	Group V	772	5.7	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

The level of deprivation that a student experiences was measured using a Government index, based on home postcode. The Income Deprivation Affecting Children Index (IDACI) is the proportion of children in a very small geographical area (Lower Layer Super Output Area or LSOA) who live in families that are income deprived. For each individual student this measure varies between 0 and 1. The level of deprivation in a school was taken as the average of the deprivation experienced by the students attending it.

The IDACI measure 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 deprivation level. Low IDACI scores mean low levels of deprivation and high IDACI scores mean high levels of deprivation. Thus, in Table 3 group A includes schools with students experiencing low deprivation on average, and group E schools with students experiencing high deprivation.

Table 3: School deprivation level

	School Deprivation Group	Number of Schools	Minimum	Maximum	Mean
Low ↓ High	Group A	635	0.03	0.12	0.09
	Group B	636	0.12	0.17	0.14
	Group C	636	0.17	0.23	0.20
	Group D	636	0.23	0.33	0.28
	Group E	636	0.33	0.85	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 Sex	Number of Schools	Percentage
Boys	252	6.6
Girls	426	11.1
Mixed	3148	82.3

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	290	7.6
30-59	231	6.0
60-119	683	17.9
120-239	2168	56.7
240 or greater	454	11.9

Obviously 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 (academy, comprehensive etc.) 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 30.3% having fewer than 30 students taking GCSEs and only 0.3% with more than 240 students). In contrast, only 0.4% of comprehensive schools had fewer than 30 students taking GCSEs, with 15% 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	2.9	2.2	13.4	65.8	15.7
Comprehensive	0.4	0.6	15.3	68.6	15.0
Grammar	1.4	2.8	23.9	71.8	.
Independent	30.3	24.3	30.2	14.9	0.3
Secondary Modern	1.2	2.4	26.2	64.3	6.0

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	12.6	4.1	20.4	54.9	8.1
Group II	2.3	1.5	15.8	68.9	11.5
Group III	4.4	2.4	11.8	64.0	17.4
Group IV	9.7	5.1	8.8	57.1	19.4
High Group V	9.2	17.1	33.3	38.1	2.3

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	1.1	1.3	10.8	64.5	22.3
Group B	1.0	1.0	14.0	67.9	16.1
Group C	2.6	1.8	15.1	66.6	14.0
Group D	3.4	2.1	16.7	65.6	12.2
High Group E	3.4	2.1	17.4	68.8	8.3

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	14.3	4.4	26.2	54.0	1.2
Girls School	12.0	20.2	27.0	39.0	1.9
Mixed School	6.4	4.3	15.9	59.3	14.1

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% of secondary modern schools offered Chemistry GCSE, compared with 91.5% of grammar schools. Table 11 shows that 50.2% of schools in the lowest attainment group offered Chemistry, compared with 68.4% of schools in the highest attainment group.

It should be noted that some independent schools prefer non-accredited IGCSEs to 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	Gram	Indep	Sec Mod
Additional Mathematics	0.1	0.0	0.0	0.1	0.0
Additional Science	93.0	98.8	67.6	54.6	98.8
Ancient History	1.3	1.3	2.8	1.2	1.2
Applied Art & Design	1.7	1.3	0.0	0.3	2.4
Applied Business	0.5	0.1	0.0	0.4	0.0
Applied Engineering	7.6	8.2	7.0	0.8	6.0
Arabic	17.6	19.7	12.7	14.1	10.7
Art & Design	63.2	65.6	47.9	44.3	69.0
Art & Design (3d Studies)	3.9	4.2	0.0	4.4	1.2
Art & Design (Critical Stu	0.3	0.1	0.0	0.0	0.0
Art & Design (Fine Art)	38.5	36.6	50.7	41.8	33.3
Art & Design (Graphics)	10.4	9.2	2.8	4.9	11.9
Art & Design (Photography)	24.3	26.5	8.5	11.3	34.5
Art & Design (Textiles)	14.4	13.1	2.8	9.5	9.5
Astronomy	7.9	7.1	16.9	4.7	2.4
Bengali	3.0	6.9	2.8	1.1	0.0
Biology	75.9	75.6	91.5	55.0	56.0
Business Studies: Single	52.7	50.4	54.9	22.8	34.5
Chemistry	74.6	74.6	91.5	53.6	56.0
Chinese	17.0	15.3	31.0	21.5	9.5
Classical Civilisation	3.4	3.0	7.0	20.2	2.4
Classical Greek	0.9	0.1	4.2	19.4	0.0
Computer Studies/Computing	43.0	39.0	54.9	16.0	26.2
D&T Electronic Products	11.9	11.3	21.1	3.8	8.3
D&T Engineering	0.3	0.4	1.4	0.1	0.0
D&T Food Technology	44.1	48.0	36.6	10.4	39.3
D&T Graphic Products	41.7	46.0	39.4	10.6	32.1
D&T Product Design	40.3	38.8	39.4	13.6	29.8
D&T Resistant Materials	52.5	59.5	46.5	34.2	61.9
D&T Systems & Control	4.5	3.9	4.2	2.0	0.0
D&T Textiles Technology	41.8	43.9	28.2	10.8	34.5
Dance	31.3	28.0	12.7	7.8	25.0
Drama & Theatre Studies	74.4	77.8	64.8	62.1	56.0
Dutch	7.6	8.8	2.8	3.8	6.0
Economics	9.5	7.8	15.5	7.9	4.8
Electronics	0.7	0.3	1.4	3.0	0.0
Engineering Studies	0.0	0.1	0.0	0.0	0.0
English Language	97.2	98.9	97.2	62.4	98.8
English Language & Literature	47.3	53.0	7.0	22.2	42.9
English Literature	97.2	99.1	97.2	78.5	97.6
English Studies	0.5	0.4	0.0	0.1	0.0
English for Speakers of other languages	3.4	3.5	0.0	7.4	2.4
Environmental Science	3.6	3.7	0.0	1.3	3.6
Expressive Arts & Performa	4.6	3.5	2.8	1.3	3.6
Film Studies	9.3	8.2	1.4	1.1	11.9
French	92.0	93.9	95.8	72.3	94.0
Further additional science	21.9	24.1	7.0	7.7	26.2
General Studies	5.1	4.4	4.2	1.1	6.0
Geography	96.2	98.8	95.8	78.9	100.0
Geology	1.2	1.0	2.8	0.8	1.2
German	53.7	51.0	81.7	50.3	25.0
Gujarati	3.2	3.2	2.8	1.6	0.0
Health & Social Care	8.8	8.8	1.4	0.4	10.7
Hindi	0.3	0.1	0.0	0.4	0.0

Subject	Academy	Comp	Gram	Indep	Sec Mod
History	96.7	99.6	95.8	78.6	98.8
Home Economics: Child Development	25.6	26.7	0.0	2.8	19.0
Home Economics: Food	10.1	9.8	15.5	17.0	11.9
Home Economics: Textiles	0.4	0.6	0.0	0.7	1.2
Humanities: Single	5.5	4.3	0.0	1.5	4.8
Information & Communication	52.1	54.7	46.5	35.6	51.2
Irish	0.1	0.0	0.0	0.0	0.0
Italian	21.0	25.0	12.7	17.5	9.5
Japanese	5.6	4.3	11.3	9.9	2.4
Latin	7.1	4.2	31.0	41.3	3.6
Law	4.0	3.7	4.2	1.7	6.0
Mathematics	100.0	99.8	100.0	73.7	100.0
Media/Film/TV Studies	45.2	48.1	18.3	6.9	39.3
Modern Greek	5.7	5.8	1.4	2.9	4.8
Modern Hebrew	0.3	1.1	0.0	1.6	1.2
Music	80.1	82.0	93.0	71.1	59.5
Office Technology	10.4	11.2	7.0	6.6	11.9
Other Classical Languages	0.1	0.3	0.0	1.8	1.2
Performing Arts	8.5	8.7	1.4	2.5	13.1
Persian	6.9	7.6	2.8	1.6	0.0
Physical Education/Sports	83.8	86.4	84.5	55.0	81.0
Physics	74.8	74.6	91.5	54.1	54.8
Polish	37.1	43.2	12.7	4.1	39.3
Portuguese	22.5	22.7	0.0	3.8	13.1
Preparation for Work	2.5	2.6	0.0	0.7	7.1
Psychology	14.8	15.7	11.3	7.0	23.8
Punjabi	6.0	6.1	5.6	1.3	6.0
Religious Studies	82.3	85.6	83.1	72.2	70.2
Russian	16.3	15.7	14.1	23.5	17.9
Science (Core)	95.4	99.5	70.4	62.1	100.0
Science: Double Award	1.1	0.7	0.0	0.3	1.2
Social Science: Citizenship	10.6	11.2	2.8	2.9	13.1
Sociology	19.6	21.5	5.6	1.8	16.7
Spanish	74.9	74.4	85.9	59.4	65.5
Statistics	29.6	28.9	21.1	14.0	39.3
Turkish	12.5	12.9	4.2	3.3	9.5
Urdu	11.2	14.3	2.8	7.3	11.9

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 Mathematics	0.0	0.0	0.1	0.0	0.1
Additional Science	87.8	97.5	97.5	93.6	58.3
Ancient History	1.6	0.5	1.1	0.8	2.6
Applied Art & Design	1.2	1.3	1.5	2.2	0.3
Applied Business	0.6	0.1	0.3	0.3	0.4
Applied Engineering	8.8	6.3	9.0	5.7	2.5
Arabic	16.3	17.3	20.6	20.0	12.7
Art & Design	63.5	67.9	60.9	59.9	49.0
Art & Design (3d Studies)	2.0	3.5	5.8	4.1	4.0
Art & Design (Critical Stu	0.1	0.3	0.0	0.4	0.0
Art & Design (Fine Art)	29.4	33.5	39.3	39.6	49.7
Art & Design (Graphics)	7.0	9.9	10.2	9.8	6.3
Art & Design (Photography)	24.6	29.6	24.8	21.4	11.9
Art & Design (Textiles)	11.9	13.4	14.8	12.2	10.6
Astronomy	3.1	4.9	8.0	9.7	8.9
Bengali	4.5	6.1	4.0	4.2	1.2
Biology	53.3	72.9	77.9	80.4	69.9
Business Studies: Single	33.1	46.9	54.5	58.3	32.9
Chemistry	50.2	71.9	77.7	80.0	68.4
Chinese	11.7	13.3	15.0	17.7	28.6
Classical Civilisation	0.9	2.0	1.8	5.1	22.8
Classical Greek	0.0	0.0	0.3	0.4	20.9
Computer Studies/Computing	28.8	37.4	40.3	41.8	30.3
D&T Electronic Products	5.6	9.7	11.8	13.2	9.8
D&T Engineering	0.0	0.5	0.4	0.4	0.3
D&T Food Technology	36.3	41.3	43.6	47.5	23.4
D&T Graphic Products	30.7	43.9	43.2	43.2	21.8
D&T Product Design	31.2	38.1	40.7	36.2	24.1
D&T Resistant Materials	50.8	58.3	54.7	53.0	40.0
D&T Systems & Control	1.8	2.9	3.7	6.1	3.6
D&T Textiles Technology	25.8	39.4	45.1	45.4	22.4
Dance	22.1	27.4	31.1	29.8	13.2
Drama & Theatre Studies	51.2	71.4	80.4	80.5	76.4
Dutch	8.2	8.6	8.1	6.2	4.7
Economics	3.7	6.1	8.2	11.2	13.1
Electronics	0.3	0.4	0.4	1.1	2.8
Engineering Studies	0.1	0.1	0.0	0.0	0.0
English Language	90.2	98.0	98.2	95.8	71.8
English Language & Literature	51.2	52.5	48.8	50.6	15.4
English Literature	88.6	97.9	98.5	96.6	88.2
English Studies	0.9	0.3	0.5	0.4	0.0
English for Speakers of other languages	5.1	4.3	2.0	4.2	5.3
Environmental Science	4.2	3.7	4.2	3.1	0.6
Expressive Arts & Performa	5.6	4.6	3.7	2.5	1.3
Film Studies	11.6	9.9	8.5	5.2	1.2
French	76.7	90.3	93.0	93.2	89.1
Further additional science	24.3	25.4	23.3	17.1	8.5
General Studies	7.5	4.9	5.1	2.2	0.9
Geography	84.6	98.2	96.3	95.4	93.0
Geology	0.1	0.8	1.0	1.4	1.9
German	31.5	41.2	50.9	65.1	68.1
Gujarati	1.8	1.8	3.3	3.7	3.4

Subject	Group I	Group II	Group III	Group IV	Group V
Health & Social Care	10.1	9.9	8.6	5.9	0.9
Hindi	0.4	0.4	0.0	0.0	0.4
History	87.3	98.1	97.7	97.6	89.1
Home Economics: Child Development	24.9	26.8	25.3	23.1	4.4
Home Economics: Food	8.5	9.5	9.4	13.0	16.8
Home Economics: Textiles	0.7	0.6	0.1	0.6	0.5
Humanities: Single	7.8	5.7	4.9	2.7	0.1
Information & Communication	47.7	52.2	54.2	54.8	39.0
Irish	0.0	0.0	0.0	0.0	0.1
Italian	20.1	19.7	19.7	22.9	24.4
Japanese	1.2	2.7	4.3	7.3	14.2
Latin	1.6	1.3	4.3	9.6	48.2
Law	5.0	4.0	3.9	2.8	1.9
Mathematics	99.6	99.9	99.7	98.3	76.7
Media/Film/TV Studies	39.5	49.7	51.1	39.7	9.5
Modern Greek	4.7	6.4	4.4	5.7	4.0
Modern Hebrew	0.0	0.1	0.9	0.8	2.5
Music	52.6	73.2	86.0	88.0	90.4
Office Technology	11.9	11.4	9.1	11.8	5.7
Other Classical Languages	0.1	0.0	0.1	0.4	1.9
Performing Arts	9.5	10.7	7.8	6.8	1.9
Persian	6.4	6.3	6.2	7.3	3.0
Physical Education/Sports	67.5	81.7	86.1	86.6	70.9
Physics	50.7	72.2	77.6	80.4	68.3
Polish	43.3	45.9	33.5	29.6	10.4
Portuguese	24.9	23.8	20.1	16.7	6.3
Preparation for Work	4.0	2.3	2.0	2.5	0.5
Psychology	16.4	17.3	17.6	10.2	7.3
Punjabi	6.9	5.9	4.6	5.7	2.6
Religious Studies	67.3	79.8	84.8	86.8	85.4
Russian	18.3	15.5	13.5	13.6	26.7
Science (Core)	94.7	98.5	98.5	96.2	61.4
Science: Double Award	1.2	1.1	0.8	0.8	0.1
Social Science: Citizenship	12.9	11.9	11.4	8.3	1.7
Sociology	18.9	21.7	19.7	18.3	3.4
Spanish	55.9	70.3	75.5	76.3	77.7
Statistics	30.0	29.2	31.0	26.8	14.5
Turkish	10.8	12.3	12.4	11.6	5.7
Urdu	15.5	15.4	12.3	10.2	3.9

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 Mathematics	0.0	0.2	0.0	0.0	0.2
Additional Science	93.1	95.4	95.3	93.8	95.3
Ancient History	1.9	1.8	1.1	0.8	1.0
Applied Art & Design	2.1	2.1	1.6	1.0	1.0
Applied Business	0.3	0.3	0.2	0.2	0.5
Applied Engineering	9.0	8.5	10.1	5.8	5.5
Arabic	7.2	9.7	12.2	18.8	43.3
Art & Design	63.5	61.1	63.9	63.3	67.5
Art & Design (3d Studies)	4.7	3.5	3.2	3.9	3.7
Art & Design (Critical Stu	0.2	0.3	0.2	0.2	0.2
Art & Design (Fine Art)	40.4	42.1	38.2	36.2	30.2
Art & Design (Graphics)	10.0	10.2	8.2	9.6	9.9
Art & Design (Photography)	22.5	24.9	27.8	27.8	22.3
Art & Design (Textiles)	14.8	13.1	11.7	11.9	14.8
Astronomy	12.5	8.0	6.3	5.8	4.9
Bengali	0.3	1.6	1.8	4.5	15.4
Biology	86.3	84.1	77.4	66.4	61.5
Business Studies: Single	62.1	54.1	52.0	47.1	38.7
Chemistry	85.9	83.6	76.2	64.8	59.8
Chinese	15.0	15.9	11.6	13.8	24.7
Classical Civilisation	3.5	5.3	3.9	1.6	2.0
Classical Greek	1.1	1.0	0.3	0.3	0.3
Computer Studies/Computing	52.1	43.4	40.4	36.9	30.4
D&T Electronic Products	17.7	13.2	15.4	7.3	4.7
D&T Engineering	0.8	0.5	0.2	0.2	0.3
D&T Food Technology	52.9	51.0	45.4	40.7	35.0
D&T Graphic Products	51.9	47.8	41.6	39.4	33.7
D&T Product Design	39.9	41.9	39.6	40.7	33.2
D&T Resistant Materials	63.3	57.1	57.0	54.4	44.6
D&T Systems & Control	7.7	4.6	3.5	3.1	1.5
D&T Textiles Technology	50.5	45.8	40.0	38.6	34.0
Dance	35.5	30.9	29.1	27.8	21.1
Drama & Theatre Studies	87.3	80.1	72.9	66.1	66.5
Dutch	5.3	3.5	4.0	7.6	19.2
Economics	11.3	8.9	7.9	5.5	10.1
Electronics	1.3	0.3	0.6	0.5	0.0
Engineering Studies	0.0	0.0	0.2	0.2	0.0
English Language	99.2	99.5	97.9	95.3	96.1
English Language & Literature	46.6	49.1	50.2	51.1	47.6
English Literature	99.2	99.4	98.2	95.0	96.1
English Studies	0.2	0.2	0.8	0.5	0.8
English for Speakers of other languages	1.0	2.6	1.9	3.7	7.2
Environmental Science	4.8	4.1	3.4	4.4	1.3
Expressive Arts & Performa	3.2	3.2	4.2	4.7	4.6
Film Studies	5.3	5.4	10.8	11.9	9.8
French	98.4	97.1	92.6	87.2	86.2
Further additional science	16.2	18.2	21.8	27.1	28.8
General Studies	4.3	5.4	5.8	4.9	3.6
Geography	99.5	99.4	97.0	94.6	93.7
Geology	3.4	1.6	0.2	0.5	0.2
German	74.6	62.2	46.9	39.4	36.9
Gujarati	1.1	2.7	1.8	4.9	5.2
Health & Social Care	5.6	5.4	10.0	12.2	10.1
Hindi	0.0	0.0	0.0	0.6	0.3

Subject	Group A	Group B	Group C	Group D	Group E
History	99.2	99.4	97.6	95.5	95.9
Home Economics: Child Development	26.8	25.8	28.7	24.7	19.3
Home Economics: Food	13.0	10.8	9.8	9.6	6.8
Home Economics: Textiles	0.5	0.0	0.3	0.8	1.0
Humanities: Single	3.2	4.1	5.1	6.3	5.4
Information & Communication	48.9	50.7	52.8	53.7	58.4
Irish	0.2	0.0	0.0	0.0	0.0
Italian	15.1	15.6	16.7	22.9	40.5
Japanese	8.2	6.1	4.7	2.3	3.7
Latin	12.2	8.5	3.5	2.8	3.6
Law	3.5	3.5	3.9	4.2	4.6
Mathematics	99.8	100.0	100.0	99.5	99.7
Media/Film/TV Studies	42.8	43.1	46.4	45.9	48.8
Modern Greek	4.0	4.9	6.9	4.7	7.2
Modern Hebrew	0.5	1.1	0.6	0.8	0.3
Music	94.5	88.4	80.4	72.7	63.9
Office Technology	9.5	8.5	11.4	12.8	11.2
Other Classical Languages	0.0	0.5	0.2	0.2	0.2
Performing Arts	5.8	8.1	9.8	11.2	7.8
Persian	1.4	2.9	4.7	9.4	16.4
Physical Education/Sports	94.2	88.4	86.5	79.5	73.3
Physics	86.0	83.9	76.4	64.8	60.0
Polish	20.9	31.1	40.3	48.7	54.6
Portuguese	8.5	14.2	17.2	25.2	43.7
Preparation for Work	2.3	2.9	2.7	2.4	2.6
Psychology	11.9	13.7	19.4	15.3	15.9
Punjabi	2.7	2.2	4.2	10.2	10.9
Religious Studies	87.6	87.1	80.3	77.6	82.3
Russian	11.1	12.9	12.5	18.3	24.9
Science (Core)	94.1	96.3	97.3	95.9	98.4
Science: Double Award	0.8	0.3	1.0	1.5	1.1
Social Science: Citizenship	5.0	9.1	8.0	12.2	19.0
Sociology	15.3	16.4	19.3	20.6	27.5
Spanish	81.0	77.0	69.3	68.8	74.1
Statistics	25.2	30.8	26.8	29.1	33.7
Turkish	5.3	7.7	9.3	14.0	25.4
Urdu	2.9	3.7	7.5	17.2	30.4

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

Subject	Boys	Girls	Mixed
Additional Mathematics	0.0	0.0	0.1
Additional Science	65.5	72.3	90.7
Ancient History	4.0	1.4	1.1
Applied Art & Design	0.4	0.7	1.4
Applied Business	0.0	0.2	0.3
Applied Engineering	7.9	1.2	7.0
Arabic	23.4	29.3	15.3
Art & Design	42.1	52.3	62.6
Art & Design (3d Studies)	2.4	2.6	4.3
Art & Design (Critical Stu	0.0	0.0	0.2
Art & Design (Fine Art)	47.2	42.0	37.3
Art & Design (Graphics)	7.5	5.6	9.2
Art & Design (Photography)	14.7	12.0	24.5
Art & Design (Textiles)	0.4	15.5	13.2
Astronomy	10.3	8.0	6.6
Bengali	5.6	4.5	3.8
Biology	63.9	69.0	72.2
Business Studies: Single	40.1	31.2	47.8
Chemistry	65.5	67.1	70.9
Chinese	25.8	26.3	15.5
Classical Civilisation	13.5	15.7	4.8
Classical Greek	17.5	12.9	2.1
Computer Studies/Computing	36.9	19.5	38.1
D&T Electronic Products	19.0	0.7	10.7
D&T Engineering	0.4	0.0	0.3
D&T Food Technology	13.1	32.9	41.3
D&T Graphic Products	26.2	19.0	40.0
D&T Product Design	26.6	27.0	35.7
D&T Resistant Materials	51.6	16.7	56.1
D&T Systems & Control	4.8	0.2	4.0
D&T Textiles Technology	0.4	42.0	37.9
Dance	3.2	22.8	26.9
Drama & Theatre Studies	52.0	77.7	73.4
Dutch	5.6	7.0	7.3
Economics	14.3	6.8	8.3
Electronics	4.4	0.0	0.9
Engineering Studies	0.0	0.0	0.1
English Language	78.6	82.6	92.9
English Language & Literature	31.0	23.5	47.3
English Literature	85.7	89.9	95.2
English Studies	0.0	0.0	0.5
English for Speakers of other languages	2.8	2.8	4.4
Environmental Science	0.4	0.2	3.7
Expressive Arts & Performa	0.8	2.3	3.8
Film Studies	3.2	2.1	8.2
French	81.0	84.3	89.9
Further additional science	12.7	14.3	20.9
General Studies	0.8	1.4	4.6
Geography	83.3	90.6	94.9
Geology	4.0	0.5	0.9
German	56.7	57.0	50.7
Gujarati	5.6	4.0	2.4
Health & Social Care	0.0	5.6	7.8
Hindi	0.4	0.0	0.3

Subject	Boys	Girls	Mixed
History	84.9	90.4	95.3
Home Economics: Child Development	0.0	15.0	23.3
Home Economics: Food	4.0	18.3	11.1
Home Economics: Textiles	0.0	1.2	0.5
Humanities: Single	2.0	0.7	4.8
Information & Communication	42.9	49.1	50.3
Irish	0.0	0.0	0.0
Italian	21.4	27.5	20.5
Japanese	11.5	9.2	5.1
Latin	31.7	36.9	8.4
Law	2.4	0.9	3.9
Mathematics	84.9	85.0	96.8
Media/Film/TV Studies	21.0	16.9	42.2
Modern Greek	2.0	4.9	5.3
Modern Hebrew	1.6	1.6	0.7
Music	78.2	82.2	78.1
Office Technology	5.6	10.8	10.2
Other Classical Languages	2.0	2.3	0.2
Performing Arts	2.8	4.2	8.1
Persian	4.0	6.6	5.9
Physical Education/Sports	69.4	65.5	81.4
Physics	65.5	67.1	71.1
Polish	21.8	20.0	34.8
Portuguese	15.5	14.8	18.9
Preparation for Work	0.4	1.2	2.5
Psychology	8.3	8.5	14.8
Punjabi	3.2	4.5	5.3
Religious Studies	82.1	91.1	79.6
Russian	21.4	21.1	16.6
Science (Core)	69.4	75.6	93.3
Science: Double Award	0.4	0.7	0.8
Social Science: Citizenship	7.9	9.4	9.2
Sociology	2.4	12.2	18.1
Spanish	67.5	72.1	71.7
Statistics	22.6	16.0	27.9
Turkish	10.7	12.7	10.3
Urdu	11.9	20.2	10.1

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

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Additional Mathematics	0.0	0.0	0.0	0.1	0.0
Additional Science	54.1	71.4	78.3	93.2	98.9
Ancient History	0.0	1.7	0.9	1.6	1.1
Applied Art & Design	0.7	0.0	0.6	1.2	3.5
Applied Business	0.3	0.0	0.6	0.2	0.4
Applied Engineering	0.7	0.4	4.5	7.7	9.7
Arabic	15.2	14.3	11.9	18.7	22.5
Art & Design	36.9	48.9	59.3	64.0	63.4
Art & Design (3d Studies)	2.1	1.7	3.1	4.2	6.4
Art & Design (Critical Stu	0.0	0.0	0.0	0.2	0.2
Art & Design (Fine Art)	21.7	39.4	40.8	39.1	42.3
Art & Design (Graphics)	4.1	4.3	7.8	9.0	13.9
Art & Design (Photography)	9.3	13.4	15.5	24.6	35.5
Art & Design (Textiles)	4.1	12.6	7.9	13.7	20.0
Astronomy	1.7	2.6	4.4	8.3	10.1
Bengali	1.4	0.4	2.8	5.0	4.4
Biology	31.4	64.5	66.8	76.9	80.4
Business Studies: Single	15.5	24.2	31.2	51.9	66.3
Chemistry	31.0	61.5	65.9	75.7	79.5
Chinese	3.1	14.3	19.5	18.4	19.8
Classical Civilisation	1.4	11.7	12.9	5.4	3.3
Classical Greek	0.0	4.8	10.2	3.8	0.7
Computer Studies/Computing	4.8	14.3	24.9	42.2	53.5
D&T Electronic Products	0.3	1.7	5.4	11.8	20.0
D&T Engineering	0.0	0.0	0.0	0.3	1.3
D&T Food Technology	6.2	13.4	29.7	45.0	54.4
D&T Graphic Products	3.8	8.2	23.7	43.9	57.7
D&T Product Design	4.1	13.9	27.7	40.3	44.1
D&T Resistant Materials	12.8	24.2	53.0	56.4	63.7
D&T Systems & Control	0.3	0.4	2.3	3.9	8.4
D&T Textiles Technology	2.8	10.8	23.0	42.4	58.1
Dance	3.1	7.4	12.9	28.2	49.6
Drama & Theatre Studies	18.6	62.8	67.1	79.0	89.0
Dutch	1.0	3.5	4.0	8.4	11.7
Economics	4.5	4.8	6.1	8.8	15.4
Electronics	0.7	1.7	1.0	1.0	1.1
Engineering Studies	0.0	0.0	0.0	0.1	0.0
English Language	67.6	75.8	83.3	96.0	99.6
English Language & Literature	33.4	28.6	35.9	46.8	53.7
English Literature	66.2	81.8	91.5	98.7	99.6
English Studies	0.0	0.0	0.6	0.5	0.2
English for Speakers of other languages	3.8	4.3	5.9	3.6	4.6
Environmental Science	0.7	1.3	2.5	3.4	5.5
Expressive Arts & Performa	2.8	1.3	3.1	3.5	5.7
Film Studies	1.4	1.3	4.5	8.6	10.8
French	40.3	74.5	87.8	95.1	97.8
Further additional science	10.7	9.5	16.0	21.7	26.0
General Studies	1.4	0.0	4.1	4.7	4.4
Geography	49.3	82.7	95.5	99.0	99.6
Geology	0.0	0.9	1.0	1.1	1.8
German	15.9	45.9	46.6	55.1	69.6
Gujarati	0.7	1.3	0.9	3.3	5.5
Health & Social Care	0.7	0.4	4.2	8.2	13.0
Hindi	0.0	0.4	0.3	0.2	0.2

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
History	55.5	85.7	93.7	99.0	100.0
Home Economics: Child Development	3.8	5.6	12.4	23.8	37.9
Home Economics: Food	8.6	23.8	11.0	10.1	14.5
Home Economics: Textiles	0.7	0.9	0.6	0.4	0.7
Humanities: Single	3.8	0.9	2.0	4.8	6.4
Information & Communication	29.3	40.7	41.3	53.7	60.1
Irish	0.0	0.0	0.0	0.0	0.0
Italian	1.4	12.6	18.0	25.0	26.0
Japanese	2.1	3.9	7.2	6.0	7.9
Latin	3.8	31.6	25.9	9.3	8.6
Law	1.4	1.7	1.9	4.4	4.0
Mathematics	93.8	85.7	87.1	97.1	99.8
Media/Film/TV Studies	5.5	9.5	24.9	44.5	61.7
Modern Greek	0.7	2.6	4.1	5.8	7.0
Modern Hebrew	2.1	2.2	1.2	0.5	0.9
Music	24.8	70.1	79.4	84.3	89.0
Office Technology	7.2	9.1	7.0	10.2	15.0
Other Classical Languages	2.4	2.6	0.7	0.1	0.0
Performing Arts	4.1	1.3	5.9	8.5	8.8
Persian	1.0	1.3	3.2	7.5	7.5
Physical Education/Sports	26.2	61.5	73.4	86.0	95.2
Physics	33.1	62.3	65.7	75.5	80.2
Polish	1.0	5.2	25.5	39.8	40.5
Portuguese	0.7	4.3	13.3	23.1	20.5
Preparation for Work	1.7	0.9	1.2	2.6	3.1
Psychology	7.6	8.7	8.9	15.4	19.2
Punjabi	0.7	0.4	3.1	5.9	9.7
Religious Studies	39.3	69.7	81.6	85.9	89.6
Russian	3.1	14.7	18.6	19.5	16.7
Science (Core)	73.1	81.8	79.4	94.1	99.3
Science: Double Award	0.3	0.4	0.9	0.8	1.1
Social Science: Citizenship	3.8	4.3	5.4	10.8	12.8
Sociology	2.8	1.3	6.4	18.5	37.7
Spanish	21.0	55.8	69.0	77.5	86.6
Statistics	10.0	16.0	24.7	28.4	33.7
Turkish	1.0	3.5	8.3	12.9	12.6
Urdu	11.7	8.7	6.6	12.2	15.6

References

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