Provision of GCSE subjects 2013

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Introduction

This report looks at the provision of GCSE (and IGCSE[1]) subjects in England in 2013. Reports on GCSE provision have been produced by Cambridge Assessment every year since 2010. This is the first year that IGCSEs have been included in the data for the report. A decision was made to include IGCSEs due to the increasing numbers of candidates taking these qualifications as alternatives to GCSEs. 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 2013. Provision of applied and short course GCSEs was not investigated. Only accredited IGCSEs were counted in this report as non-accredited ones will no longer be included in the NPD extract from 2014.

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	1,281	33.8
Comprehensive	1,566	41.4
Grammar	74	2.0
Independent	769	20.3
Secondary Modern	97	2.6

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

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	Group I	792	0.0	4.2	3.6
	Group II	792	4.2	4.7	4.5
	Group III	792	4.7	5.1	4.9
	Group IV	792	5.1	5.7	5.4
High	Group V	792	5.7	8.0	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	Group A	618	0.01	0.12	0.09
	Group B	619	0.12	0.17	0.14
	Group C	619	0.17	0.23	0.19
	Group D	619	0.23	0.33	0.27
High	Group E	618	0.33	0.64	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	254	6.7
Girls	443	11.7
Mixed	3,096	81.6

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	260	6.9
30-59	246	6.5
60-119	625	16.5
120-239	2,191	57.8
240 or greater	471	12.4

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 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 29.0% having fewer than 30 students taking GCSEs and only 0.5% with more than 240 students). In contrast, only 0.6% of comprehensive schools had fewer than 30 students taking GCSEs, with 16.4% having more than 240 students.

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

School Type	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Academy	1.3	1.6	12.1	69.2	15.8
Comprehensive	0.6	1.4	12.5	69.0	16.5
Grammar	1.4	1.4	25.7	71.6	.
Independent	29.5	25.6	30.7	13.7	0.5
Secondary Modern	2.1	4.1	19.6	69.1	5.2

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

School Ability Group	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Group I	6.3	4.9	18.2	61.3	9.3
Group II	2.4	2.2	13.0	70.5	11.9
Group III	3.6	2.8	9.0	66.2	18.4
Group IV	11.1	6.0	8.5	54.8	19.7
Group V	10.6	16.6	34.3	36.0	2.5

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

School Deprivation Group	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Group A	0.5	1.2	10.5	65.8	22.0
Group B	0.3	1.5	11.4	69.4	17.4
Group C	1.5	2.0	13.7	67.8	15.0
Group D	2.0	1.1	14.0	70.5	12.4
Group E	1.2	2.0	15.0	71.5	10.4

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

School Gender	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Boys School	10.6	6.7	26.8	55.5	0.4
Girls School	12.6	20.1	26.2	38.8	2.3
Mixed School	5.7	4.5	14.2	60.7	14.9

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 71.1% of secondary modern schools offered Chemistry GCSE, compared with 95.9% of grammar schools. Table 11 shows that 70.6% of schools in the lowest attainment group offered Chemistry, compared with 74.4% 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 (2013) 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	0.2	0.1	0.0	0.1	0.0
Additional Science	93.6	97.4	71.6	57.3	95.9
Ancient History	1.2	0.8	2.7	1.0	4.1
Applied Art & Design	1.7	1.9	0.0	0.0	3.1
Applied Business	0.1	0.0	0.0	0.3	0.0
Applied Engineering	4.0	2.9	4.1	0.4	2.1
Arabic	15.1	18.4	20.3	10.8	11.3
Art & Design	59.3	62.1	48.6	47.7	56.7
Art & Design (3d Studies)	4.4	4.2	0.0	4.0	2.1
Art & Design (Critical Studies)	0.2	0.3	0.0	0.3	0.0
Art & Design (Fine Art)	36.2	35.6	54.1	40.2	27.8
Art & Design (Graphics)	9.1	8.0	1.4	4.6	9.3
Art & Design (Photography)	16.2	17.5	9.5	9.2	23.7
Art & Design (Textiles)	13.1	12.2	8.1	9.9	8.2
Astronomy	9.1	6.9	23.0	4.4	6.2
Bengali	4.4	6.6	5.4	0.9	1.0
Biology	89.2	90.7	95.9	59.3	73.2
Business Studies: Single	45.7	42.3	48.6	21.5	22.7
Business Studies & Economics	2.7	2.9	6.8	4.2	1.0
Chemistry	88.6	90.3	95.9	58.3	71.1
Chinese	16.9	14.8	43.2	20.8	12.4
Classical Civilisation	2.9	2.4	12.2	19.2	2.1
Classical Greek	1.1	0.3	2.7	18.5	0.0
Computer Studies/Computing	7.7	3.9	17.6	3.5	2.1
D&T Electronic Products	13.5	12.1	24.3	3.8	7.2
D&T Engineering	0.3	0.4	0.0	0.1	0.0
D&T Food Technology	46.9	51.5	39.2	10.3	39.2
D&T Graphic Products	46.6	49.8	58.1	12.2	28.9
D&T Product Design	35.3	34.4	28.4	11.8	23.7
D&T Resistant Materials	55.9	61.0	51.4	36.0	57.7
D&T Systems & Control	5.0	5.2	6.8	1.8	2.1
D&T Textiles Technology	42.5	46.2	35.1	11.6	33.0
Dance	28.6	26.0	16.2	8.2	21.6
Design & Technology	0.2	0.1	0.0	0.0	0.0
Drama & Theatre Studies	71.0	72.9	64.9	63.2	41.2
Dutch	7.8	8.4	9.5	2.9	5.2
Economics	6.6	3.7	10.8	2.6	2.1
Electronics	0.9	0.3	1.4	2.2	0.0
English Language	96.7	97.4	98.6	67.6	96.9
English Language & Literature	76.1	78.9	13.5	25.6	76.3
English Literature	96.5	98.0	98.6	68.3	94.8
English Studies	1.8	0.8	0.0	0.3	1.0
English for Speakers of other Languages	2.2	3.6	0.0	5.3	1.0
Environmental Science	3.3	3.9	1.4	1.0	1.0
Expressive Arts & Performance Studies	4.4	3.3	2.7	1.3	6.2
Film Studies	5.6	6.6	2.7	0.8	8.2
French	93.7	95.1	98.6	73.7	89.7
General Studies	2.7	2.9	2.7	0.9	1.0
Geography	97.1	98.1	98.6	80.5	99.0
Geology	1.2	0.8	5.4	0.8	1.0
German	58.2	53.8	86.5	50.6	25.8
Gujarati	3.6	3.9	5.4	2.0	0.0
Health & Social Care	5.0	6.0	2.7	0.3	7.2
Hindi	0.6	0.4	0.0	0.0	0.0

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Subject	Academy	Comp	Gram	Indep	Sec Mod
History	98.2	99.2	98.6	83.2	97.9
Home Economics: Child Development	21.5	24.9	2.7	3.4	17.5
Home Economics: Food	11.2	10.6	13.5	17.7	10.3
Home Economics: Textiles	0.4	0.5	0.0	0.7	1.0
Humanities: Single	7.1	5.1	1.4	1.6	4.1
Information & Communications Technology	31.5	31.4	47.3	40.4	16.5
Italian	15.8	17.8	17.6	16.0	14.4
Japanese	5.7	3.8	12.2	10.5	2.1
Latin	8.4	4.9	29.7	42.4	2.1
Law	4.3	4.2	1.4	2.5	4.1
Mathematics	99.9	99.9	100.0	78.4	100.0
Media/Film/TV Studies	39.4	42.7	23.0	7.2	39.2
Modern Greek	4.6	4.1	2.7	2.5	0.0
Modern Hebrew	0.2	0.7	1.4	1.7	2.1
Music	76.2	75.9	95.9	73.3	47.4
Office Technology	9.0	10.4	5.4	6.6	10.3
Other Classical Languages	0.1	0.3	0.0	1.4	2.1
Performing Arts	5.5	5.3	1.4	1.3	7.2
Persian	6.8	7.0	0.0	2.7	2.1
Physical Education/Sports Studies	77.4	78.3	89.2	55.0	54.6
Physics	88.4	90.2	95.9	57.6	73.2
Polish	34.7	36.8	9.5	3.9	34.0
Portuguese	18.3	20.3	1.4	2.3	21.6
Psychology	13.5	12.5	13.5	5.5	14.4
Punjabi	5.5	6.3	8.1	1.2	6.2
Religious Studies	76.8	80.0	85.1	71.4	70.1
Russian	14.0	13.8	13.5	21.3	14.4
Science (Core)	95.4	99.1	73.0	65.5	96.9
Science: Double Award	1.1	0.6	1.4	0.1	2.1
Social Science: Citizenship	6.2	7.0	4.1	2.2	5.2
Sociology	18.0	19.7	8.1	2.2	16.5
Spanish	73.3	72.2	81.1	58.8	60.8
Statistics	30.7	30.4	32.4	14.6	37.1
Turkish	10.0	11.1	4.1	3.4	12.4
Urdu	10.5	14.5	4.1	6.9	8.2
Welsh (Second Language)	0.0	0.1	1.4	0.0	0.0

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

Subject	Low attainment Group I	Group II	Group III	Group IV	High attainment Group V
Additional Mathematics	0.1	0.1	0.3	0.1	0.1
Additional Science	89.7	96.7	97.6	93.4	59.5
Ancient History	1.4	1.0	1.2	0.5	1.7
Applied Art & Design	1.7	1.4	1.8	2.2	0.3
Applied Business	0.0	0.0	0.1	0.0	0.3
Applied Engineering	3.0	2.7	3.5	3.1	1.4
Arabic	16.5	16.7	15.4	17.8	11.6
Art & Design	58.9	60.0	60.1	59.9	50.6
Art & Design (3d Studies)	4.0	4.1	5.4	4.0	3.0
Art & Design (Critical Studies)	0.3	0.0	0.4	0.1	0.4
Art & Design (Fine Art)	25.4	36.4	34.8	38.2	48.9
Art & Design (Graphics)	7.0	8.7	8.2	9.2	4.6
Art & Design (Photography)	14.5	19.8	17.5	15.9	9.1
Art & Design (Textiles)	11.5	11.6	13.9	12.8	9.5
Astronomy	3.2	5.2	8.7	9.8	10.1
Bengali	6.9	6.3	5.5	3.8	0.5
Biology	71.9	88.1	91.5	90.0	74.6
Business Studies: Single	21.8	36.4	48.7	55.1	30.7
Business Studies & Economics	1.3	0.9	2.6	5.9	5.1
Chemistry	70.2	87.1	91.7	89.6	74.2
Chinese	9.9	13.2	15.4	17.6	29.7
Classical Civilisation	1.7	0.9	1.9	3.5	22.9
Classical Greek	0.1	0.0	0.4	0.5	20.5
Computer Studies/Computing	2.7	3.6	6.5	6.5	7.0
D&T Electronic Products	7.3	9.7	12.5	15.5	9.9
D&T Engineering	0.3	0.3	0.6	0.3	0.1
D&T Food Technology	39.8	43.9	51.2	46.6	23.0
D&T Graphic Products	36.2	45.2	50.8	44.8	25.6
D&T Product Design	30.1	32.7	32.3	33.3	20.1
D&T Resistant Materials	53.4	57.6	60.2	54.8	43.2
D&T Systems & Control	1.6	5.1	4.6	6.5	3.8
D&T Textiles Technology	28.9	39.3	48.3	46.5	22.9
Dance	18.1	23.9	27.9	30.2	14.2
Design & Technology	0.3	0.1	0.0	0.0	0.0
Drama & Theatre Studies	46.8	63.7	77.4	79.9	76.5
Dutch	8.5	8.6	7.2	6.3	4.6
Economics	2.7	3.8	4.6	5.3	6.0
Electronics	0.3	0.4	0.9	0.5	2.4
English Language	90.1	95.8	98.3	95.7	75.6
English Language & Literature	84.4	82.8	77.8	66.8	18.1
English Literature	88.5	96.2	98.6	96.5	76.3
English Studies	2.1	0.8	1.2	1.2	0.0
English for Speakers of other Languages	3.3	4.1	2.2	4.0	3.4
Environmental Science	3.0	3.8	3.9	3.5	0.7
Expressive Arts & Performance Studies	4.9	3.7	3.7	3.0	1.6
Film Studies	7.2	7.5	5.3	4.4	0.9
French	80.5	93.1	94.7	93.9	87.6
General Studies	2.1	3.7	3.3	1.8	0.8
Geography	89.1	96.7	97.6	95.1	92.2
Geology	0.6	0.4	1.2	1.0	2.0
German	32.5	46.0	56.6	66.3	69.5
Gujarati	2.1	1.9	3.7	4.2	4.5
Health & Social Care	5.6	6.3	5.0	4.7	0.9

Subject	Group I	Group II	Group III	Group IV	Group V
Hindi	1.0	0.5	0.0	0.3	0.1
History	92.6	97.8	98.6	95.7	93.0
Home Economics: Child Development	21.5	22.7	24.6	21.0	3.9
Home Economics: Food	9.0	10.5	10.5	13.9	17.3
Home Economics: Textiles	0.4	0.6	0.3	0.4	0.8
Humanities: Single	10.2	6.9	5.0	2.9	0.3
Information & Communications Technology	21.5	28.1	31.7	40.2	43.8
Italian	13.9	13.8	13.4	18.8	23.4
Japanese	1.0	2.9	4.2	7.0	14.3
Latin	1.3	2.3	4.4	10.3	51.8
Law	4.7	5.2	3.9	3.5	1.8
Mathematics	99.6	99.5	100.0	99.1	80.2
Media/Film/TV Studies	36.7	45.0	42.7	35.7	9.1
Modern Greek	1.7	4.0	4.0	5.3	3.8
Modern Hebrew	0.1	0.0	0.6	0.8	2.4
Music	43.7	69.7	81.0	87.4	90.9
Office Technology	9.9	10.0	10.1	9.0	6.4
Other Classical Languages	0.0	0.0	0.5	0.3	1.7
Performing Arts	5.9	5.2	4.4	5.5	1.8
Persian	8.2	6.6	4.1	6.5	3.5
Physical Education/Sports Studies	54.9	71.9	81.9	83.9	70.2
Physics	70.1	87.2	91.7	89.5	73.6
Polish	41.3	39.6	30.0	25.1	8.8
Portuguese	23.5	20.2	17.7	12.8	4.5
Psychology	13.6	14.9	14.1	8.7	6.2
Punjabi	5.3	7.3	4.4	4.7	3.4
Religious Studies	60.9	75.0	82.3	80.6	84.9
Russian	15.8	14.4	9.2	13.4	24.4
Science (Core)	95.6	98.5	99.0	96.4	62.8
Science: Double Award	1.9	0.8	0.4	0.4	0.3
Social Science: Citizenship	7.4	7.5	7.1	4.8	1.7
Sociology	15.2	19.4	19.9	17.3	4.1
Spanish	56.3	71.6	72.5	72.5	74.4
Statistics	28.7	32.1	32.0	28.4	16.3
Turkish	10.7	12.5	10.0	7.9	4.1
Urdu	15.8	16.0	11.4	9.8	3.5
Welsh (Second Language)	0.1	0.0	0.0	0.0	0.3

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

	Low deprivation				High deprivation
Subject	Group A	Group B	Group C	Group D	Group E
Additional Mathematics	0.2	0.3	0.0	0.3	0.2
Additional Science	93.7	94.3	95.9	94.3	96.9
Ancient History	1.5	1.0	1.5	1.1	1.0
Applied Art & Design	2.8	1.5	2.3	0.8	1.8
Applied Business	0.2	0.0	0.0	0.0	0.0
Applied Engineering	5.2	4.1	3.6	2.1	1.6
Arabic	8.3	7.8	10.2	14.5	42.9
Art & Design	61.6	60.0	59.6	56.8	64.1
Art & Design (3d Studies)	4.3	4.4	3.3	4.6	3.9
Art & Design (Critical Studies)	0.2	0.5	0.2	0.2	0.2
Art & Design (Fine Art)	41.7	40.7	38.0	34.1	25.7
Art & Design (Graphics)	8.7	8.9	6.8	8.2	9.2
Art & Design (Photography)	16.7	17.9	18.6	16.6	14.8
Art & Design (Textiles)	13.5	13.5	10.4	11.6	12.3
Astronomy	11.9	10.4	7.4	5.9	5.8
Bengali	0.8	1.3	2.5	5.2	17.6
Biology	96.8	95.1	89.8	84.7	81.4
Business Studies: Single	57.9	50.6	40.6	35.4	31.7
Business Studies & Economics	4.7	2.1	3.1	2.1	2.6
Chemistry	96.8	95.1	89.4	83.4	80.4
Chinese	19.9	15.8	12.9	14.2	18.6
Classical Civilisation	3.2	3.9	3.3	1.8	2.1
Classical Greek	1.5	0.8	0.5	0.5	0.5
Computer Studies/Computing	11.7	6.2	5.0	3.6	3.1
D&T Electronic Products	20.4	14.5	16.3	9.1	4.3
D&T Engineering	0.8	0.5	0.2	0.0	0.3
D&T Food Technology	54.8	55.8	49.2	48.9	34.7
D&T Graphic Products	54.8	51.4	50.7	45.7	36.5
D&T Product Design	35.7	34.6	32.7	35.6	32.7
D&T Resistant Materials	65.6	65.0	60.9	55.8	45.2
D&T Systems & Control	8.7	6.5	4.8	3.4	2.0
D&T Textiles Technology	52.3	48.9	44.4	40.0	33.7
Dance	35.1	28.9	29.5	23.8	16.1
Design & Technology	0.0	0.0	0.0	0.2	0.3
Drama & Theatre Studies	87.3	78.2	70.0	57.6	60.5
Dutch	4.8	5.2	2.3	8.6	19.1
Economics	5.7	6.7	3.3	3.6	5.9
Electronics	1.2	0.5	0.5	0.7	0.0
English Language	99.5	98.0	97.0	96.4	94.2
English Language & Literature	68.4	72.5	79.0	78.6	80.6
English Literature	99.7	98.7	97.2	95.1	95.4
English Studies	0.3	1.3	1.5	1.0	2.1
English for Speakers of other Languages	1.0	1.3	1.5	2.9	7.4
Environmental Science	4.7	4.6	2.8	3.6	1.6
Expressive Arts & Performance Studies	3.5	3.3	3.3	5.1	3.9
Film Studies	4.3	4.9	7.9	6.7	6.7
French	98.8	98.0	95.4	91.5	87.2
General Studies	2.7	3.7	3.5	2.6	1.3
Geography	99.8	99.3	97.5	96.9	94.4
Geology	2.7	1.8	0.7	0.5	0.0
German	79.8	66.0	48.7	45.4	37.8
Gujarati	2.0	2.1	2.1	6.4	5.8
Health & Social Care	3.7	4.4	7.3	5.5	6.9

Subject	Group A	Group B	Group C	Group D	Group E
Hindi	0.0	0.2	0.2	0.5	1.5
History	99.7	99.3	98.8	97.7	98.0
Home Economics: Child Development	24.0	27.5	25.4	20.4	15.5
Home Economics: Food	13.2	12.5	10.2	10.8	7.7
Home Economics: Textiles	0.3	0.5	0.3	0.7	0.7
Humanities: Single	3.5	5.0	6.1	7.2	7.4
Information & Communications Technology	31.9	31.9	29.9	29.9	33.1
Italian	14.0	13.8	14.5	15.0	26.8
Japanese	8.2	5.5	3.5	3.8	3.0
Latin	14.5	8.0	5.1	3.4	3.5
Law	3.7	3.9	3.1	4.9	5.1
Mathematics	100.0	100.0	99.7	99.3	99.8
Media/Film/TV Studies	39.1	38.7	41.9	42.1	41.4
Modern Greek	3.7	3.7	3.8	4.4	5.1
Modern Hebrew	0.7	0.7	0.7	0.3	0.5
Music	94.7	87.5	76.7	65.1	53.8
Office Technology	9.8	9.1	10.1	9.6	9.5
Other Classical Languages	0.0	0.5	0.5	0.2	0.2
Performing Arts	6.0	4.6	6.4	6.5	3.3
Persian	1.8	3.1	2.3	8.2	17.4
Physical Education/Sports Studies	91.7	85.9	80.2	69.3	60.4
Physics	97.0	95.1	89.3	83.2	80.3
Polish	16.7	28.9	32.2	46.0	51.2
Portuguese	8.8	10.4	13.0	23.5	38.8
Psychology	8.8	13.5	15.3	13.1	14.3
Punjabi	2.3	3.9	5.3	7.2	11.2
Religious Studies	83.8	80.3	76.9	75.7	75.2
Russian	11.0	10.9	11.2	17.0	19.2
Science (Core)	94.5	95.1	98.0	97.1	98.2
Science: Double Award	0.5	1.0	0.8	1.3	0.7
Social Science: Citizenship	2.8	3.9	6.6	7.0	12.3
Sociology	16.2	15.6	18.8	17.6	24.2
Spanish	75.8	76.7	70.1	67.5	72.2
Statistics	31.1	33.8	29.0	28.9	31.6
Turkish	3.0	6.2	6.8	12.7	23.7
Urdu	2.0	5.0	6.6	16.5	31.3
Welsh (Second Language)	0.0	0.0	0.0	0.3	0.2

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

Subject	Boys	Girls	Mixed
Additional Mathematics	0.0	0.0	0.2
Additional Science	66.5	75.8	90.7
Ancient History	2.8	1.1	1.0
Applied Art & Design	0.8	0.9	1.6
Applied Business	0.0	0.0	0.1
Applied Engineering	3.5	0.9	2.9
Arabic	25.2	26.4	13.2
Art & Design	40.6	52.1	60.1
Art & Design (3d Studies)	2.4	3.2	4.4
Art & Design (Critical Studies)	0.4	0.0	0.3
Art & Design (Fine Art)	47.2	42.7	35.2
Art & Design (Graphics)	7.9	5.0	7.9
Art & Design (Photography)	13.0	8.8	16.5
Art & Design (Textiles)	0.4	15.1	12.3
Astronomy	12.6	7.9	7.0
Bengali	5.9	5.9	4.3
Biology	77.6	77.4	84.8
Business Studies: Single	36.2	29.8	40.3
Business Studies & Economics	5.1	2.9	3.0
Chemistry	76.4	76.7	84.1
Chinese	27.2	23.7	15.5
Classical Civilisation	14.6	14.7	4.3
Classical Greek	16.1	12.9	2.1
Computer Studies/Computing	11.0	2.0	5.3
D&T Electronic Products	19.7	1.1	11.7
D&T Engineering	0.4	0.0	0.4
D&T Food Technology	13.0	33.2	44.4
D&T Graphic Products	34.3	22.8	43.8
D&T Product Design	22.0	20.5	31.7
D&T Resistant Materials	60.2	19.2	58.3
D&T Systems & Control	5.5	0.2	4.9
D&T Textiles Technology	1.2	42.9	39.5
Dance	2.4	24.2	24.5
Design & Technology	0.0	0.0	0.1
Drama & Theatre Studies	52.4	77.9	69.3
Dutch	5.9	7.2	7.0
Economics	9.8	4.1	4.2
Electronics	4.3	0.0	0.7
English Language	79.9	86.9	92.6
English Language & Literature	43.7	30.0	72.7
English Literature	79.9	87.6	92.7
English Studies	0.0	0.2	1.2
English for Speakers of other Languages	2.0	2.3	3.7
Environmental Science	1.2	0.5	3.5
Expressive Arts & Performance Studies	1.2	2.3	3.7
Film Studies	0.8	2.3	5.8
French	80.3	83.7	91.8
General Studies	2.0	0.7	2.6
Geography	85.0	91.9	95.2
Geology	3.1	0.7	0.9
German	54.7	58.7	53.8
Gujarati	4.7	5.4	2.9
Health & Social Care	0.0	3.4	5.0
Hindi	0.0	0.5	0.4

Subject	Boys	Girls	Mixed
History	90.2	95.5	96.0
Home Economics: Child Development	0.0	10.8	21.4
Home Economics: Food	3.5	21.2	11.7
Home Economics: Textiles	0.0	1.6	0.4
Humanities: Single	3.5	0.9	5.7
Information & Communications Technology	39.0	45.6	30.9
Italian	23.6	22.6	15.2
Japanese	10.6	13.1	4.6
Latin	32.3	36.3	9.4
Law	2.0	1.8	4.3
Mathematics	87.0	87.6	97.4
Media/Film/TV Studies	19.3	16.3	37.6
Modern Greek	5.1	4.5	3.6
Modern Hebrew	2.0	2.5	0.5
Music	77.6	81.9	73.8
Office Technology	5.1	10.2	9.2
Other Classical Languages	2.0	2.5	0.1
Performing Arts	0.8	3.4	5.0
Persian	4.3	9.0	5.4
Physical Education/Sports Studies	64.2	63.7	74.8
Physics	76.4	76.7	83.9
Polish	18.5	21.2	30.7
Portuguese	15.0	12.6	16.1
Psychology	8.3	8.1	12.2
Punjabi	4.7	4.5	5.1
Religious Studies	83.5	87.8	74.8
Russian	18.9	19.6	14.5
Science (Core)	70.1	79.0	93.6
Science: Double Award	0.4	0.5	0.8
Social Science: Citizenship	5.5	5.6	5.7
Sociology	2.8	13.5	16.5
Spanish	62.6	71.6	70.0
Statistics	25.6	20.5	28.6
Turkish	8.7	9.5	9.0
Urdu	13.4	15.6	10.4
Welsh (Second Language)	0.0	0.7	0.0

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	0.2	0.2	0.0
Additional Science	59.2	69.1	78.1	93.0	98.3
Ancient History	0.0	1.2	1.1	1.3	1.3
Applied Art & Design	0.0	0.0	0.3	1.9	2.8
Applied Business	0.4	0.0	0.2	0.0	0.2
Applied Engineering	0.0	0.4	1.6	3.4	3.8
Arabic	13.1	12.6	10.2	16.9	19.3
Art & Design	40.0	52.0	56.0	60.7	59.9
Art & Design (3d Studies)	1.2	2.4	3.5	4.3	6.4
Art & Design (Critical Studies)	0.0	0.0	0.2	0.4	0.0
Art & Design (Fine Art)	23.8	36.6	40.2	36.4	41.8
Art & Design (Graphics)	4.2	2.8	5.9	7.9	12.7
Art & Design (Photography)	6.5	9.8	12.2	15.8	25.7
Art & Design (Textiles)	6.5	11.4	9.4	12.2	16.6
Astronomy	1.2	2.8	5.8	8.5	10.6
Bengali	1.5	0.8	1.4	6.0	5.7
Biology	43.1	67.5	77.3	88.8	97.2
Business Studies: Single	19.2	22.0	25.4	42.4	59.7
Business Studies & Economics	1.9	1.2	4.0	2.7	5.7
Chemistry	40.8	67.5	76.6	88.1	97.2
Chinese	5.0	13.0	19.0	17.6	21.9
Classical Civilisation	1.9	9.3	13.3	5.0	3.0
Classical Greek	0.0	5.7	11.0	3.5	0.8
Computer Studies/Computing	0.8	1.6	4.3	6.0	7.9
D&T Electronic Products	0.8	2.8	6.4	12.4	20.6
D&T Engineering	0.0	0.4	0.0	0.3	1.1
D&T Food Technology	4.6	16.7	30.9	47.9	54.8
D&T Graphic Products	7.7	10.6	26.7	47.3	62.4
D&T Product Design	3.1	10.6	25.1	33.9	41.2
D&T Resistant Materials	14.2	24.0	55.2	59.1	65.4
D&T Systems & Control	0.4	0.8	2.7	4.4	10.6
D&T Textiles Technology	3.5	15.0	23.7	42.5	61.8
Dance	5.4	6.5	11.8	25.3	45.0
Design & Technology	0.0	0.0	0.2	0.0	0.2
Drama & Theatre Studies	28.8	55.3	65.3	73.6	83.7
Dutch	0.0	2.0	3.7	8.6	10.4
Economics	0.8	4.1	2.9	4.7	8.1
Electronics	0.8	0.8	1.1	0.7	1.5
English Language	68.8	81.7	82.9	95.6	98.3
English Language & Literature	35.4	39.4	51.5	72.9	82.0
English Literature	66.5	80.1	83.4	96.0	99.2
English Studies	0.0	0.4	0.3	1.2	2.1
English for Speakers of other Languages	3.1	3.3	4.8	3.1	3.2
Environmental Science	1.2	1.2	1.4	3.2	5.7
Expressive Arts & Performance Studies	3.1	2.8	1.6	3.5	5.3
Film Studies	0.8	1.2	2.6	5.7	9.8
French	54.6	76.4	88.3	94.7	97.9
General Studies	0.8	1.6	1.4	2.8	3.0
Geography	59.6	81.7	93.9	98.5	99.8
Geology	0.0	0.8	1.1	1.0	1.9
German	20.8	44.3	53.3	56.5	70.7
Gujarati	0.8	0.8	2.6	3.6	5.7
Health & Social Care	0.4	2.0	2.7	5.0	8.1

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Hindi	0.0	0.0	0.2	0.5	0.4
History	65.4	87.0	95.8	99.1	99.8
Home Economics: Child Development	6.9	4.1	10.2	21.0	33.8
Home Economics: Food	10.4	24.4	12.3	10.7	14.2
Home Economics: Textiles	1.2	1.2	0.2	0.5	0.4
Humanities: Single	3.1	2.0	3.4	5.7	6.2
Information & Communications Technology	31.2	47.6	29.1	32.1	37.4
Italian	1.9	8.9	16.5	18.9	18.3
Japanese	1.2	6.1	8.6	5.0	9.3
Latin	6.2	26.0	30.7	10.2	8.3
Law	1.9	2.8	2.4	4.1	6.2
Mathematics	93.8	89.8	88.5	97.5	99.8
Media/Film/TV Studies	6.9	7.7	20.5	39.3	54.6
Modern Greek	0.0	1.6	2.4	4.4	5.9
Modern Hebrew	2.7	2.0	1.1	0.4	0.4
Music	33.5	71.5	77.9	77.3	85.6
Office Technology	6.5	9.8	8.0	8.8	13.0
Other Classical Languages	2.7	2.4	0.6	0.1	0.0
Performing Arts	1.5	2.8	1.9	5.3	7.0
Persian	2.3	2.0	4.6	6.7	7.0
Physical Education/Sports Studies	29.6	60.2	66.6	77.2	91.1
Physics	39.6	68.3	76.2	88.1	96.8
Polish	0.8	3.7	22.1	36.2	31.8
Portuguese	1.2	2.8	9.8	19.9	18.0
Psychology	6.5	5.3	7.0	13.1	15.9
Punjabi	0.4	0.4	2.6	6.2	7.9
Religious Studies	39.2	70.3	79.2	80.1	83.7
Russian	3.8	11.0	17.8	15.8	18.9
Science (Core)	77.7	77.6	80.0	94.3	99.4
Science: Double Award	0.4	0.0	0.6	0.8	1.1
Social Science: Citizenship	2.7	3.7	2.9	6.8	7.0
Sociology	1.9	3.3	5.6	16.6	35.2
Spanish	26.9	55.3	68.0	73.6	84.5
Statistics	11.2	16.3	23.5	29.8	36.5
Turkish	1.5	2.4	4.6	11.2	12.3
Urdu	10.8	9.8	6.7	11.7	15.9
Welsh (Second Language)	0.0	0.0	0.2	0.1	0.0

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