

Provision of GCSE subjects 2011
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Please note that this is a revised version of the report. An error was found in the calculation of the school attainment groups in the original version.

Introduction

This report looks at the provision of GCSE subjects in England in 2011. 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).

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 2011. Provision of applied and short course GCSEs was not investigated.

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. Schools in the 'other' or 'unidentified' categories were also excluded.

Table 1: School type

School Type	Number of Schools	Percentage
Academy	566	14.1
Comprehensive	2,247	56.0
Grammar	113	2.8
Independent	926	23.1
Secondary Modern	159	4.0

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	790	0.0	4.2	3.7
	Group II	791	4.2	4.7	4.5
	Group III	790	4.7	5.1	4.9
	Group IV	791	5.1	5.8	5.4
	Group V	790	5.8	8.0	6.6

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	623	0.01	0.12	0.09
	Group B	624	0.12	0.16	0.14
	Group C	624	0.16	0.23	0.19
	Group D	624	0.23	0.33	0.27
	Group E	624	0.33	0.64	0.41

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	324	8.1
Girls	502	12.6
Mixed	3,160	79.3

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	418	10.5
30-59	247	6.2
60-119	628	15.8
120-239	2,197	55.1
240 or greater	496	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 39.9% having fewer than 30 students taking GCSEs and only 0.5% with more than 240 students). In contrast, only 1.5% of comprehensive schools had fewer than 30 students taking GCSEs, with 17.8% 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	0.9	0.7	14.7	69.4	14.3
Comprehensive	1.5	1.2	11.1	68.4	17.8
Grammar	2.7	0.9	30.6	65.8	.
Independent	39.9	22.8	25.5	11.3	0.5
Secondary Modern	5.8	4.5	19.5	63.0	7.1

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	12.7	2.4	17.8	58.5	8.6
Group II	3.9	1.8	11.9	68.1	14.3
Group III	5.9	1.3	8.2	64.4	20.1
Group IV	12.3	7.0	6.8	55.8	18.1
Group V	13.4	18.9	34.7	31.3	1.6

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	3.4	1.0	10.6	62.9	22.2
Group B	1.1	0.8	10.4	68.6	19.1
Group C	2.1	1.3	12.3	69.1	15.2
Group D	2.6	1.3	13.3	68.9	13.9
Group E	2.9	1.8	17.3	69.1	9.0

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	28.7	4.3	21.9	44.1	0.9
Girls School	19.9	19.3	23.7	35.3	1.8
Mixed School	7.1	4.3	13.9	59.4	15.3

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 52.2% of secondary modern schools offered Chemistry GCSE, compared with 90.3% of grammar schools. Table 11 shows that 56.7% of schools in the lowest attainment group offered Chemistry, compared with 75.1% of schools in the highest attainment group.

It should be noted that some independent schools prefer the International GCSE (IGCSE) to 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.

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

Subject	Academy	Comp	Gram	Indep	Sec Mod
Additional Mathematics	4.9	4.0	6.2	2.1	3.1
Additional Science	93.6	95.4	79.6	62.2	87.4
Ancient History	0.4	0.2	0.9	0.5	0.0
Applications of Mathematics	0.5	0.4	0.9	0.1	0.0
Applied Art & Design	3.2	2.7	0.0	0.1	2.5
Applied Engineering	3.0	2.0	1.8	0.1	1.9
Arabic	14.7	14.2	13.3	9.8	9.4
Art & Design	60.1	61.5	48.7	43.4	54.7
Art & Design (3d Studies)	4.6	4.7	0.9	3.5	2.5
Art & Design (Critical Studies)	0.4	0.2	0.9	0.2	0.0
Art & Design (Fine Art)	34.3	35.8	48.7	36.3	26.4
Art & Design (Graphics)	6.2	7.3	3.5	3.7	6.9
Art & Design (Photography)	13.8	12.6	4.4	7.3	13.8
Art & Design (Textiles)	12.4	11.2	5.3	9.0	14.5
Astronomy	8.0	7.0	19.5	4.9	3.1
Bengali	6.2	6.1	2.7	1.1	2.5
Biology	83.4	82.1	90.3	55.2	53.5
Business Studies:Single	40.5	37.4	46.9	19.2	23.9
Business Studies & Economics	2.8	1.9	10.6	3.1	1.9
Catering Studies	1.4	0.8	0.0	0.0	1.9
Chemistry	81.4	81.5	90.3	53.6	52.2
Chinese	22.3	17.3	36.3	27.5	12.6
Classical Civilisation	3.7	2.9	9.7	15.8	0.0
Classical Greek	1.6	0.3	4.4	15.6	0.0
Computer Studies/Computing	0.4	0.1	0.0	0.1	0.0
D&T Electronic Products	14.0	15.2	23.9	3.0	8.2
D&T Engineering	0.5	0.8	0.9	0.1	0.0
D&T Food Technology	50.7	56.3	38.9	9.6	52.2
D&T Graphic Products	52.5	57.4	55.8	11.1	38.4
D&T Product Design	30.7	30.1	27.4	9.4	23.3
D&T Resistant Materials	61.3	65.2	57.5	32.8	59.7
D&T Systems & Control	7.4	6.4	7.1	2.1	3.1
D&T Textiles Technology	47.9	50.0	32.7	9.5	35.8
Dance	31.4	31.1	15.9	7.7	27.7
Design & Technology	0.2	0.2	1.8	0.0	1.3
Drama & Theatre Studies	73.1	72.7	62.8	54.8	50.9
Dutch	11.0	8.4	3.5	3.7	3.1
Economics	5.1	3.3	6.2	2.4	0.6
Electronics	0.9	0.7	1.8	1.8	0.0
English Language	98.1	98.4	100.0	85.1	93.7
English Language & Literature	0.2	0.1	0.0	0.0	0.0
English Literature	97.3	97.2	97.3	75.9	88.1
English Studies	2.1	1.6	0.0	0.1	0.6
Environmental Science	3.2	3.6	0.9	1.3	3.8
Expressive Arts & Performance Studies	5.5	5.5	4.4	1.4	8.2
Film Studies	4.4	5.0	1.8	0.3	5.7
French	89.9	91.1	98.2	70.8	80.5
General Studies	2.3	3.7	2.7	1.1	1.9
Geography	93.1	93.7	97.3	69.0	82.4
Geology	1.9	1.5	4.4	0.5	0.0
German	60.8	56.5	85.8	49.2	20.8
Gujarati	6.2	4.0	5.3	3.1	0.6
Health & Social Care	3.5	6.3	1.8	0.2	4.4
History	97.2	95.9	95.6	70.0	88.7

Subject	Academy	Comp	Gram	Indep	Sec Mod
Home Economics	0.0	0.0	0.0	0.1	0.0
Home Economics: Child Development	19.6	26.7	1.8	5.1	21.4
Home Economics: Food	10.1	11.4	9.7	16.0	12.6
Home Economics: Textiles	0.2	0.4	0.0	0.8	1.3
Humanities: Single	7.4	6.8	1.8	1.5	6.9
Information & Communications Technology	17.7	15.8	41.6	32.7	10.7
Irish	0.0	0.0	0.0	0.0	0.6
Italian	13.6	16.2	18.6	11.6	7.5
Japanese	6.7	3.4	14.2	9.6	1.9
Latin	9.0	5.8	42.5	36.3	0.6
Law	3.5	3.7	0.9	1.5	3.1
Mathematics	99.8	98.7	100.0	77.4	96.2
Media/Film/Tv Studies	40.1	44.5	13.3	6.2	37.7
Methods in Mathematics	0.7	0.4	0.9	0.1	0.0
Modern Greek	3.4	4.1	5.3	2.9	0.6
Modern Hebrew	0.2	0.6	0.0	1.1	2.5
Music	75.4	77.0	92.9	60.9	53.5
Office Technology	11.1	12.7	8.0	6.8	12.6
Other Classical Languages	0.0	0.2	0.0	1.4	1.9
Performing Arts	2.7	3.7	0.9	0.9	6.9
Persian	7.8	7.2	1.8	1.6	3.1
Physical Education/Sports Studies	77.2	77.6	75.2	46.0	58.5
Physics	81.3	81.5	91.2	52.7	50.9
Polish	28.8	33.1	11.5	3.2	35.2
Portuguese	15.0	16.6	5.3	2.3	15.1
Psychology	12.2	10.3	8.8	3.0	7.5
Punjabi	5.7	5.3	9.7	0.6	6.3
Religious Studies	69.8	72.0	80.5	58.6	56.0
Russian	11.7	11.3	13.3	16.5	10.7
Science (Core)	96.8	97.6	83.2	71.4	92.5
Social Science: Citizenship	6.5	5.1	0.0	1.4	4.4
Sociology	16.8	18.3	6.2	2.4	13.8
Spanish	63.4	63.1	77.9	52.7	50.9
Statistics	42.6	40.7	33.6	13.1	38.4
Turkish	11.5	10.6	4.4	2.7	6.9
Urdu	13.3	14.4	7.1	6.9	11.3
Welsh (Second Language)	0.2	0.1	0.0	0.0	0.0

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	2.8	4.2	5.3	3.9	2.4
Additional Science	81.3	95.7	96.5	94.2	72.5
Ancient History	0.1	0.5	0.1	0.1	0.6
Applications of Mathematics	0.6	0.4	0.3	0.0	0.5
Applied Art & Design	1.6	1.8	3.3	3.7	0.3
Applied Engineering	1.9	1.1	2.2	2.8	0.6
Arabic	15.3	13.1	13.0	13.8	10.8
Art & Design	54.3	62.7	60.8	60.3	48.7
Art & Design (3d Studies)	5.1	3.9	4.7	4.2	3.4
Art & Design (Critical Studies)	0.0	0.4	0.3	0.1	0.5
Art & Design (Fine Art)	25.1	33.4	36.1	38.6	47.6
Art & Design (Graphics)	6.1	7.1	7.3	6.6	4.3
Art & Design (Photography)	10.1	16.4	12.7	11.5	7.0
Art & Design (Textiles)	10.8	12.8	11.3	10.5	9.5
Astronomy	3.5	5.7	9.5	6.3	9.6
Bengali	6.6	7.2	5.7	3.5	1.0
Biology	59.0	81.0	81.9	83.6	75.9
Business Studies:Single	15.2	31.4	42.7	50.8	29.1
Business Studies & Economics	0.5	1.0	2.2	3.5	5.8
Catering Studies	1.6	1.3	0.9	0.0	0.0
Chemistry	56.7	79.9	81.5	83.2	75.1
Chinese	11.9	16.7	16.8	19.8	39.9
Classical Civilisation	0.8	2.3	2.4	4.4	20.9
Classical Greek	0.1	0.1	0.3	0.3	20.0
Computer Studies/Computing	0.1	0.0	0.3	0.1	0.1
D&T Electronic Products	8.2	11.8	14.6	17.2	10.0
D&T Engineering	0.4	1.0	1.0	0.4	0.1
D&T Food Technology	41.3	52.0	57.1	50.7	22.8
D&T Graphic Products	40.1	54.4	59.4	50.2	25.6
D&T Product Design	26.3	28.7	29.4	26.5	16.2
D&T Resistant Materials	54.3	65.7	63.9	58.2	45.7
D&T Systems & Control	2.0	5.8	7.0	8.6	4.2
D&T Textiles Technology	30.5	45.6	51.9	49.8	21.6
Dance	18.1	27.6	35.2	33.0	12.9
Design & Technology	0.3	0.4	0.3	0.0	0.1
Drama & Theatre Studies	44.2	66.9	78.5	79.4	73.0
Dutch	9.1	8.6	7.1	7.6	4.4
Economics	1.0	2.7	3.3	5.1	4.8
Electronics	0.6	0.5	1.3	0.1	2.4
English Language	94.9	99.0	98.5	98.4	91.5
English Language & Literature	0.3	0.1	0.0	0.1	0.0
English Literature	86.5	97.1	97.6	96.5	88.7
English Studies	2.5	1.5	1.4	0.5	0.3
Environmental Science	2.5	4.0	4.4	3.2	0.9
Expressive Arts & Performance Studies	7.2	5.2	5.9	3.2	1.8
Film Studies	5.1	6.2	3.4	3.7	0.8
French	68.9	91.2	92.0	92.9	91.1
General Studies	4.1	4.4	2.0	2.5	1.1
Geography	74.8	93.4	95.1	93.0	88.1
Geology	0.6	1.6	1.8	0.9	2.0
German	29.2	47.8	60.5	65.7	74.9
Gujarati	2.3	3.5	4.1	5.4	4.8
Health & Social Care	5.4	5.9	6.7	3.3	0.4

Subject	Group I	Group II	Group III	Group IV	Group V
History	82.5	95.1	96.2	94.3	87.5
Home Economics	0.0	0.0	0.0	0.1	0.0
Home Economics: Child Development	21.4	23.9	25.7	23.6	5.4
Home Economics: Food	9.2	10.5	11.0	15.0	16.6
Home Economics: Textiles	0.3	0.5	0.5	0.4	0.8
Humanities: Single	10.6	7.6	5.9	3.4	0.5
Information & Communications Technology	5.4	13.3	19.6	27.1	38.6
Italian	10.1	11.0	14.8	18.6	19.0
Japanese	0.8	1.9	4.3	6.4	14.8
Latin	1.5	1.5	5.2	11.3	52.3
Law	4.8	4.2	3.7	1.8	1.1
Mathematics	98.5	99.5	99.5	99.0	79.4
Media/Film/Tv Studies	36.8	47.7	46.1	33.5	8.0
Methods in Mathematics	0.8	0.4	0.3	0.0	0.5
Modern Greek	1.0	3.2	4.4	4.9	4.7
Modern Hebrew	0.0	0.4	0.1	1.1	2.0
Music	42.5	70.2	83.0	86.6	85.6
Office Technology	11.5	12.4	13.0	12.0	6.8
Other Classical Languages	0.0	0.1	0.3	0.5	1.6
Performing Arts	3.0	3.4	3.3	4.2	1.0
Persian	8.7	6.8	6.3	4.6	2.2
Physical Education/Sports Studies	51.6	72.1	80.8	83.1	64.8
Physics	56.7	80.2	80.8	83.3	74.1
Polish	38.9	32.4	26.6	20.6	7.7
Portuguese	18.1	15.9	13.7	12.8	3.9
Psychology	10.4	12.6	10.8	5.4	5.1
Punjabi	5.8	4.9	4.8	4.7	2.0
Religious Studies	50.5	67.3	72.4	78.5	76.8
Russian	10.9	10.7	10.3	10.4	21.5
Science (Core)	91.5	97.6	97.6	96.7	77.1
Social Science: Citizenship	5.7	6.2	5.4	3.5	0.8
Sociology	16.1	17.2	18.6	15.9	2.8
Spanish	45.1	57.1	65.2	67.0	72.8
Statistics	36.1	42.7	41.8	33.6	19.4
Turkish	9.9	11.1	10.4	8.1	4.1
Urdu	16.1	18.1	13.0	10.2	4.1
Welsh (Second Language)	0.1	0.1	0.1	0.1	0.0

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	4.8	5.1	3.7	4.2	3.2
Additional Science	92.5	96.2	95.5	93.4	91.0
Ancient History	0.3	0.3	0.2	0.3	0.0
Applications of Mathematics	0.5	0.6	0.3	0.3	0.3
Applied Art & Design	4.2	3.0	2.2	1.9	2.1
Applied Engineering	3.4	3.0	1.9	1.6	0.8
Arabic	5.8	6.6	9.3	14.1	34.5
Art & Design	61.5	61.2	59.6	59.3	59.9
Art & Design (3d Studies)	4.0	3.7	5.0	4.6	4.8
Art & Design (Critical Studies)	0.3	0.5	0.5	0.0	0.0
Art & Design (Fine Art)	41.1	39.9	39.3	31.4	26.0
Art & Design (Graphics)	7.9	5.8	7.5	7.1	6.9
Art & Design (Photography)	11.2	14.1	14.3	14.6	8.7
Art & Design (Textiles)	11.6	10.7	11.5	10.4	12.0
Astronomy	10.9	7.9	7.1	4.3	6.7
Bengali	0.8	1.1	4.0	5.1	18.1
Biology	89.1	89.3	82.5	75.6	68.4
Business Studies:Single	54.4	44.6	35.6	30.1	22.3
Business Studies & Economics	4.3	2.2	2.6	1.4	1.3
Catering Studies	0.5	0.6	1.0	1.6	1.1
Chemistry	88.6	89.3	81.9	73.7	67.3
Chinese	19.9	18.6	15.5	17.9	21.6
Classical Civilisation	4.0	4.6	3.8	1.4	1.6
Classical Greek	1.4	0.6	0.3	0.6	0.2
Computer Studies/Computing	0.2	0.3	0.0	0.2	0.0
D&T Electronic Products	21.2	17.5	16.8	12.5	6.3
D&T Engineering	0.6	1.1	0.5	0.8	0.5
D&T Food Technology	60.0	61.1	55.6	53.4	40.7
D&T Graphic Products	62.8	60.6	54.0	52.1	46.3
D&T Product Design	27.9	29.3	32.9	30.9	27.6
D&T Resistant Materials	70.6	70.4	63.9	61.9	51.6
D&T Systems & Control	11.1	9.3	7.1	3.7	1.6
D&T Textiles Technology	55.9	55.0	47.8	41.3	39.6
Dance	40.0	35.6	33.8	26.3	16.7
Design & Technology	0.3	0.2	0.0	0.3	0.5
Drama & Theatre Studies	86.5	81.6	71.3	60.7	55.1
Dutch	4.8	4.0	4.5	8.0	21.3
Economics	5.1	5.3	2.7	1.3	3.7
Electronics	0.6	1.0	1.1	0.5	0.5
English Language	97.1	99.4	98.1	97.6	96.8
English Language & Literature	0.0	0.0	0.0	0.2	0.5
English Literature	96.6	98.9	97.1	94.9	94.9
English Studies	0.5	0.8	1.1	1.6	3.8
Environmental Science	5.5	4.0	3.2	2.7	2.1
Expressive Arts & Performance Studies	5.0	5.0	4.3	7.9	5.9
Film Studies	3.4	4.6	6.7	4.8	4.2
French	95.7	96.6	92.0	85.6	81.7
General Studies	3.0	4.0	3.4	4.2	1.9
Geography	96.3	98.1	95.8	90.1	83.8
Geology	2.7	1.9	2.2	0.8	0.5
German	79.8	65.9	55.1	41.3	39.3
Gujarati	1.9	2.4	3.0	7.2	7.7
Health & Social Care	4.2	4.6	7.1	7.1	4.3

Subject	Group A	Group B	Group C	Group D	Group E
History	96.5	98.2	97.1	95.2	90.5
Home Economics: Child Development	25.8	28.5	26.6	23.6	15.9
Home Economics: Food	13.2	13.1	11.4	9.6	8.7
Home Economics: Textiles	0.2	0.3	0.6	0.5	0.6
Humanities: Single	4.0	5.9	6.6	5.9	11.4
Information & Communications Technology	25.8	19.7	14.4	12.8	10.7
Italian	13.5	14.1	13.9	12.0	23.1
Japanese	6.4	5.9	4.3	2.2	2.6
Latin	16.5	7.9	5.8	3.7	3.2
Law	2.4	3.2	3.4	4.2	4.6
Mathematics	97.6	99.7	98.7	98.7	98.4
Media/Film/Tv Studies	37.2	43.3	44.1	45.5	40.5
Methods in Mathematics	0.5	0.6	0.3	0.3	0.5
Modern Greek	2.9	3.5	4.5	3.4	4.8
Modern Hebrew	0.3	1.4	0.8	0.3	0.2
Music	92.8	87.8	80.0	65.5	52.7
Office Technology	13.2	10.7	12.8	13.0	11.2
Other Classical Languages	0.2	0.3	0.3	0.2	0.2
Performing Arts	4.7	4.2	3.4	4.2	1.4
Persian	1.1	1.8	4.3	8.8	18.3
Physical Education/Sports Studies	89.4	87.5	78.5	68.6	56.4
Physics	88.8	88.9	81.4	73.9	67.3
Polish	15.2	25.3	30.0	40.2	46.0
Portuguese	7.5	7.7	12.5	16.8	34.5
Psychology	8.2	11.4	12.0	10.3	9.9
Punjabi	2.2	2.1	4.6	8.7	10.3
Religious Studies	75.9	74.8	68.8	66.5	67.8
Russian	9.6	8.2	9.1	11.7	18.3
Science (Core)	94.2	97.9	97.4	96.2	95.8
Social Science: Citizenship	2.2	4.2	4.5	6.1	9.0
Sociology	13.0	14.7	17.5	18.3	23.2
Spanish	71.1	65.7	61.7	54.3	61.1
Statistics	38.2	42.8	40.1	40.1	40.9
Turkish	4.5	5.9	7.1	11.5	22.4
Urdu	3.2	5.4	7.9	18.8	34.0
Welsh (Second Language)	0.0	0.2	0.2	0.0	0.3

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

Subject	Boys	Girls	Mixed
Additional Mathematics	3.7	1.8	4.0
Additional Science	63.6	79.9	90.9
Ancient History	0.6	0.4	0.3
Applications of Mathematics	0.9	0.2	0.3
Applied Art & Design	1.2	0.8	2.4
Applied Engineering	2.2	0.2	1.9
Arabic	18.8	22.5	11.1
Art & Design	36.1	50.2	60.1
Art & Design (3d Studies)	3.4	2.8	4.5
Art & Design (Critical Studies)	0.3	0.0	0.3
Art & Design (Fine Art)	38.3	39.0	35.1
Art & Design (Graphics)	4.9	3.6	6.8
Art & Design (Photography)	7.7	7.2	12.5
Art & Design (Textiles)	0.6	13.5	11.5
Astronomy	12.0	7.8	6.2
Bengali	6.2	5.2	4.6
Biology	62.3	70.1	77.8
Business Studies:Single	29.3	27.1	35.0
Business Studies & Economics	5.6	3.0	2.2
Catering Studies	0.6	0.2	0.9
Chemistry	61.7	69.1	76.8
Chinese	24.1	31.3	18.9
Classical Civilisation	12.7	11.8	4.5
Classical Greek	13.6	11.0	2.1
Computer Studies/Computing	0.0	0.2	0.1
D&T Electronic Products	17.0	1.4	13.5
D&T Engineering	0.6	0.0	0.7
D&T Food Technology	11.1	32.5	49.7
D&T Graphic Products	31.8	25.1	50.2
D&T Product Design	16.4	17.9	27.3
D&T Resistant Materials	49.7	21.5	63.5
D&T Systems & Control	5.2	0.2	6.3
D&T Textiles Technology	1.2	41.6	43.2
Dance	1.5	24.9	27.8
Design & Technology	0.3	0.0	0.2
Drama & Theatre Studies	43.2	71.9	69.7
Dutch	7.1	6.6	7.5
Economics	6.2	2.2	3.2
Electronics	2.5	0.2	0.9
English Language	84.9	92.0	97.3
English Language & Literature	0.3	0.0	0.1
English Literature	73.5	89.0	94.9
English Studies	0.3	0.2	1.5
Environmental Science	1.5	0.6	3.5
Expressive Arts & Performance Studies	0.9	2.4	5.4
Film Studies	1.5	1.8	4.3
French	68.2	82.7	89.1
General Studies	2.2	0.4	3.3
Geography	69.1	83.5	90.8
Geology	3.4	0.4	1.3
German	47.8	59.0	55.3
Gujarati	4.6	5.4	3.8
Health & Social Care	0.3	2.8	5.0
History	69.1	85.7	93.3

Subject	Boys	Girls	Mixed
Home Economics	0.0	0.2	0.0
Home Economics: Child Development	0.6	12.2	23.1
Home Economics: Food	2.2	19.7	12.2
Home Economics: Textiles	0.0	1.6	0.3
Humanities: Single	4.0	2.2	6.3
Information & Communications Technology	25.6	34.1	17.9
Italian	17.6	19.7	13.4
Japanese	9.0	11.4	4.3
Latin	28.7	35.7	9.3
Law	1.5	0.8	3.6
Mathematics	84.0	84.5	97.0
Media/Film/Tv Studies	18.2	15.3	38.7
Methods in Mathematics	0.9	0.2	0.3
Modern Greek	3.7	6.0	3.3
Modern Hebrew	1.2	1.6	0.5
Music	60.8	73.7	74.1
Office Technology	3.1	10.4	12.0
Other Classical Languages	1.9	2.0	0.1
Performing Arts	0.6	2.2	3.3
Persian	5.9	5.8	5.7
Physical Education/Sports Studies	51.5	55.8	74.0
Physics	62.7	68.3	76.5
Polish	17.9	14.9	27.5
Portuguese	9.9	13.1	13.0
Psychology	5.6	4.8	9.7
Punjabi	3.1	4.4	4.6
Religious Studies	62.3	79.3	67.4
Russian	15.1	16.5	11.8
Science (Core)	72.2	83.5	94.5
Social Science: Citizenship	2.8	3.0	4.7
Sociology	3.1	12.4	15.4
Spanish	49.7	67.5	61.0
Statistics	24.1	24.5	37.2
Turkish	6.5	10.0	8.6
Urdu	12.3	16.9	11.5
Welsh (Second Language)	0.0	0.0	0.1

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	1.2	2.4	3.8	4.1	4.4
Additional Science	44.5	75.3	84.6	95.0	98.6
Ancient History	0.0	0.8	0.5	0.3	0.0
Applications of Mathematics	0.0	0.0	0.8	0.3	0.4
Applied Art & Design	0.0	0.4	1.0	2.5	4.2
Applied Engineering	0.0	0.0	2.1	1.7	3.4
Arabic	9.8	7.3	12.7	14.2	14.9
Art & Design	29.2	53.4	58.8	60.0	65.9
Art & Design (3d Studies)	0.7	2.4	3.0	4.8	7.1
Art & Design (Critical Studies)	0.2	0.0	0.3	0.2	0.4
Art & Design (Fine Art)	18.2	38.5	36.8	37.9	39.3
Art & Design (Graphics)	1.2	1.6	5.6	6.7	11.3
Art & Design (Photography)	4.8	10.5	7.2	12.6	17.7
Art & Design (Textiles)	5.3	10.9	8.6	11.7	14.7
Astronomy	1.2	5.7	5.4	8.1	8.9
Bengali	1.2	0.4	3.2	6.2	5.6
Biology	25.1	68.8	72.3	83.1	92.7
Business Studies:Single	12.4	26.3	21.3	37.4	53.0
Business Studies & Economics	0.7	1.6	4.3	2.5	3.0
Catering Studies	0.0	0.4	0.6	0.7	1.8
Chemistry	22.5	67.6	71.7	82.2	92.5
Chinese	3.6	25.1	27.1	21.1	24.4
Classical Civilisation	1.4	8.9	13.4	5.1	4.0
Classical Greek	0.0	6.1	12.3	3.1	0.6
Computer Studies/Computing	0.0	0.0	0.2	0.2	0.0
D&T Electronic Products	0.0	2.8	6.4	14.8	23.4
D&T Engineering	0.0	0.4	0.3	0.5	1.8
D&T Food Technology	4.3	11.3	33.6	54.3	64.1
D&T Graphic Products	4.1	13.0	32.8	55.6	68.1
D&T Product Design	1.4	8.9	19.1	30.4	38.3
D&T Resistant Materials	11.0	30.0	58.3	65.9	69.0
D&T Systems & Control	0.2	0.4	3.5	5.6	14.3
D&T Textiles Technology	3.1	10.5	27.1	47.2	66.7
Dance	4.5	9.3	12.7	28.9	50.6
Design & Technology	0.2	0.0	0.2	0.2	0.4
Drama & Theatre Studies	20.3	60.3	64.8	74.7	85.3
Dutch	1.2	2.0	5.4	9.3	9.1
Economics	1.4	3.2	1.9	3.7	5.0
Electronics	0.2	1.2	1.1	0.9	1.6
English Language	72.2	96.4	96.7	98.7	100.0
English Language & Literature	0.0	0.0	0.2	0.1	0.0
English Literature	53.1	89.5	93.9	98.2	99.8
English Studies	0.0	0.0	0.8	1.6	1.8
Environmental Science	0.2	2.8	2.1	3.1	5.8
Expressive Arts & Performance Studies	2.4	2.8	1.9	5.2	8.3
Film Studies	0.5	0.8	2.1	4.3	7.9
French	39.5	82.2	86.0	93.6	98.0
General Studies	1.7	1.6	1.6	3.4	3.6
Geography	37.3	87.0	88.5	95.3	98.8
Geology	0.0	0.4	0.8	1.6	2.8
German	12.9	50.2	57.5	58.6	75.2
Gujarati	1.4	0.8	3.0	4.8	6.0
Health & Social Care	0.5	0.8	2.5	5.1	8.3

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
History	39.0	87.9	92.8	97.6	99.6
Home Economics	0.2	0.0	0.0	0.0	0.0
Home Economics: Child Development	5.3	8.5	9.9	23.1	36.1
Home Economics: Food	7.9	26.3	11.0	11.8	13.5
Home Economics: Textiles	0.2	2.4	0.3	0.3	0.6
Humanities: Single	2.4	2.4	4.1	6.8	6.3
Information & Communications Technology	19.9	40.1	25.5	16.8	22.4
Italian	1.7	5.3	14.0	17.8	16.3
Japanese	1.9	5.3	7.5	5.6	6.5
Latin	3.1	29.1	33.8	10.4	8.5
Law	1.2	1.6	1.8	3.7	4.2
Mathematics	81.8	88.3	88.9	97.8	99.8
Media/Film/Tv Studies	4.5	8.1	21.3	41.2	56.7
Methods in Mathematics	0.0	0.0	0.8	0.3	0.6
Modern Greek	0.5	1.6	3.8	4.1	4.8
Modern Hebrew	0.7	3.6	1.1	0.2	1.2
Music	21.1	74.9	76.1	78.5	87.3
Office Technology	6.5	12.1	5.4	12.1	16.9
Other Classical Languages	1.2	4.0	0.6	0.0	0.0
Performing Arts	0.5	2.0	2.1	3.6	4.0
Persian	1.4	0.4	4.0	7.5	6.3
Physical Education/Sports Studies	18.2	63.2	62.6	77.7	90.9
Physics	22.5	66.8	71.5	81.8	92.3
Polish	2.4	2.0	22.0	32.7	26.2
Portuguese	1.4	1.6	11.1	16.4	13.9
Psychology	2.4	2.8	5.1	10.8	12.9
Punjabi	1.0	0.4	3.2	5.3	7.3
Religious Studies	27.8	64.0	73.1	73.2	78.6
Russian	2.9	10.9	15.8	13.7	12.9
Science (Core)	62.4	81.8	88.4	96.9	99.6
Social Science: Citizenship	1.4	0.4	2.1	5.6	5.6
Sociology	1.9	3.6	4.6	16.2	31.3
Spanish	16.0	58.7	64.6	65.9	73.2
Statistics	9.6	17.0	29.1	40.1	46.4
Turkish	1.2	2.0	4.9	11.4	10.7
Urdu	9.8	7.3	8.6	13.7	15.1
Welsh (Second Language)	0.0	0.0	0.0	0.2	0.0