

Provision of GCE A level subjects 2012

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Introduction

This report looks at the provision of A level subjects in England in 2012. Provision in a subject has been defined as the number or percentage of schools with at least one student taking the subject. It could be argued that this may not cover all of the 'provision' since schools might offer to provide a subject, but none of their students want to study it. However, as we have no means for capturing this information we will only look at provision in the sense defined above.

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 14 of this report shows that provision in single sex schools was generally lower than in mixed sex schools. However, this was partly due to single sex schools tending to be smaller than mixed sex 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), maintained by the Department for Education. This is a database of results for all students in all subjects in schools and colleges in England. This report presents only provision of A level subjects taken in 2012. Provision of applied A level subjects and other qualifications (e.g. Pre-U, International Baccalaureate) was not investigated.

School Type

Table 1: School type

School Type	Number of Schools	Percentage
Academy	733	23.9
Comprehensive	1,085	35.3
FE\Tertiary College	196	6.4
Grammar	91	3.0
Independent	608	19.8
Secondary Modern	74	2.4
Sixth Form College	144	4.7

There are several different types of schools offering A levels. For this report these were classified into seven groups (Table 1). It should be noted that schools that do not offer A levels would not be included in this data, e.g. schools that offer the International Baccalaureate or the Pre-U only.

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 the total points score (tps) for their best three A level results. Thus, only students taking at least three A levels were used in the calculation. The A level grades for these candidates were converted into points using the UCAS tariff (A* = 140, A = 120, B = 100, etc), and the sum of the points was computed. Thus, the total A level points score ranges from 0 to 420. For example, a score of 300 is equivalent to the A level grades BBB, ABC, AAD etc.

A frequency distribution of these scores was obtained and used to allocate the schools into five equally sized attainment groups. The cut-off points for these groups are shown in Table 2. 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 tps	Maximum tps	Mean tps
Low ↓ ↓ ↓ High	Group I	543	40.0	244.7	222.6
	Group II	542	244.8	263.6	254.9
	Group III	550	263.6	280.0	272.2
	Group IV	537	280.1	303.0	289.9
	Group V	543	303.2	420.0	329.4

Clearly there are 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 traditional measure of a student's social class (or their level of deprivation) in an educational context is whether or not they have a free school meal. However, there are a number of problems with using this measure. Firstly, it does not discriminate well because it only takes two values (1 if the student claims free school meals and 0 otherwise). Secondly, it is not clear how many students who are eligible for free school meals actually claim for them.

For this report an alternative measure was used. From the postcodes of individual students it was possible to measure the level of deprivation they experience. This was done using the Income Deprivation Affecting Children Index (IDACI), which is available in the NPD. This gives the proportion of children in a small geographical area (Lower Layer Super Output Area or LSOA) who live in families that are income deprived. For an individual student this measure varies between 0 and 1; in order to calculate the deprivation level of a school we took the average of this measure across all pupils.

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, 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	386	0.00	0.10	0.08
	Group B	386	0.10	0.13	0.11
	Group C	386	0.13	0.18	0.16
	Group D	386	0.18	0.28	0.22
	Group E	386	0.28	0.80	0.38

School gender

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

Table 4: School gender

School Sex	Number of Schools	Percentage
Boys	214	7.1
Girls	410	13.6
Mixed	2,381	79.2

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 A level). 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	777	25.9
30-59	536	17.8
60-119	910	30.3
120-239	621	20.7
240 or greater	161	5.4

Obviously school size is important for provision because a larger school is more likely to have viable numbers for less popular subjects.

Provision of individual A level subjects

The provision of individual A level subjects by the school classifications is presented in Tables 10 to 15. However, a significant contributor to the level of provision in a subject is the size of the school (see Table 15) because a larger school is more likely to have viable numbers, particularly 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 secondary modern schools tend to have small sixth forms (49.3% having fewer than 30 students). Sixth form colleges, however, tend to be relatively large (63.9% have at least 240 A level 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	18.7	18.1	30.3	30.6	2.4
Comprehensive	22.5	19.6	38.0	18.6	1.3
FE\Tertiary College	27.1	18.1	23.4	18.1	13.3
Grammar	5.7	.	31.8	55.7	6.8
Independent	32.9	20.8	30.5	14.9	0.8
Secondary Modern	49.3	31.5	16.4	2.7	.
Sixth Form College	9.0	3.5	9.7	13.9	63.9

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	34.3	33.2	23.4	6.7	2.4
Group II	12.8	23.1	42.5	15.0	6.7
Group III	10.0	15.9	39.2	25.9	8.9
Group IV	11.6	12.9	32.8	34.0	8.6
Group V	18.2	14.3	30.4	34.0	3.2

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	10.1	7.3	33.4	46.9	2.3
Group B	11.1	12.2	40.7	32.9	3.1
Group C	11.1	23.3	39.4	23.6	2.6
Group D	23.3	26.4	33.7	15.5	1.0
Group E	37.8	25.4	27.2	8.3	1.3

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	62.1	3.7	15.0	17.3	1.9
Girls School	48.8	17.6	23.7	9.8	0.2
Mixed School	18.6	19.2	32.8	22.8	6.6

In Tables 10 to 15 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 82.8% of academy schools had students taking Chemistry A level, compared with 91.2% of grammar schools. Table 12 shows that 74.8% of schools in the lowest attainment group had students taking Chemistry, compared with 89.0% of schools in the highest attainment group.

Table 10: Provision of A levels by school type (percentages)

Subject	Academy	Comp	FE\Ter	Gram	Indep	Sec Mod	6th Form
Accounting/Finance	8.5	7.0	36.7	2.2	9.4	5.4	56.3
Additional Mathematics	1.0	0.9	1.0	9.9	3.1	1.4	1.4
Ancient History	1.5	0.6	3.1	0.0	2.3	1.4	10.4
Anthropology	0.0	0.2	2.6	0.0	0.0	0.0	2.1
Arabic	8.2	7.3	5.6	6.6	5.4	4.1	18.1
Archaeology	0.5	0.6	6.6	0.0	0.2	0.0	11.8
Art & Design	35.3	33.5	18.4	31.9	27.5	31.1	34.7
Art & Design (3d Studies)	1.6	1.3	7.7	1.1	3.9	0.0	14.6
Art & Design (Critical Studies)	0.0	0.6	2.0	2.2	2.0	0.0	4.2
Art & Design (Fine Art)	50.9	46.9	45.9	63.7	52.0	37.8	72.2
Art & Design (Graphics)	10.6	10.2	29.6	7.7	5.6	5.4	51.4
Art & Design (Photography)	36.3	34.5	54.6	18.7	23.5	31.1	69.4
Art & Design (Textiles)	18.4	16.8	26.0	7.7	14.6	9.5	54.9
Bengali	1.2	1.4	0.5	0.0	0.3	0.0	3.5
Biology	85.8	82.2	71.4	92.3	83.9	59.5	97.2
Business Studies :Single	52.9	50.0	69.4	64.8	58.7	28.4	90.3
Business Studies & Economics	5.5	6.3	5.1	9.9	4.8	2.7	3.5
Chemistry	82.8	79.4	67.9	91.2	82.2	45.9	97.2
Chinese	19.4	13.6	11.7	20.9	45.7	6.8	40.3
Classical Civilisation	8.9	5.1	11.2	34.1	33.4	1.4	37.5
Classical Greek	1.0	0.1	0.5	5.5	15.6	0.0	0.7
Classics (General)	1.0	0.6	2.6	4.4	3.6	1.4	3.5
Communication Studies	3.3	2.1	19.9	1.1	0.7	4.1	20.8
Computer Studies/Computing	17.6	11.1	20.9	26.4	10.4	1.4	63.2
Critical Thinking	7.0	4.2	8.7	11.0	3.1	0.0	20.1
D&T Food Technology	15.6	13.0	0.0	18.7	5.3	9.5	6.3
D&T Product Design	63.3	61.0	7.1	75.8	43.3	41.9	43.8
D&T Systems & Control	2.3	2.5	0.0	5.5	2.1	0.0	2.1
D&T Textiles Technology	19.8	20.6	0.0	17.6	5.8	6.8	6.9
Dance	15.1	13.6	13.3	9.9	3.9	8.1	43.1
Drama & Theatre Studies	60.4	53.8	31.6	53.8	59.4	23.0	77.1
Dutch	6.0	4.6	1.5	3.3	2.1	1.4	9.0
Economics	42.0	34.5	33.7	72.5	61.8	9.5	82.6
Electronics	3.1	3.1	6.1	4.4	3.5	1.4	27.8
English Language	37.8	35.9	47.4	26.4	19.9	23.0	75.0
English Language & Literature	28.0	27.7	56.1	29.7	7.7	9.5	65.3
English Literature	84.2	78.7	63.8	90.1	78.3	68.9	93.8
Environmental Science	4.4	3.8	18.4	6.6	1.5	0.0	22.9
Expressive Arts & Performance Studies	4.2	4.2	3.1	2.2	1.2	4.1	24.3
Film Studies	16.4	18.5	55.6	14.3	4.4	13.5	70.8
French	61.3	57.5	30.1	86.8	73.8	35.1	84.0
General Studies	31.0	29.6	7.7	54.9	15.6	6.8	38.9
Geography	74.6	72.1	45.9	91.2	75.8	54.1	86.8
Geology	4.1	3.6	10.2	5.5	4.3	1.4	31.3
German	45.3	33.6	18.4	72.5	56.4	10.8	65.3
Government & Politics	38.3	32.3	45.4	68.1	42.1	16.2	83.3
Gujarati	0.8	1.0	0.5	2.2	0.7	1.4	1.4
History	85.1	81.7	69.4	92.3	78.9	63.5	93.8
History of Art	1.5	0.4	4.6	2.2	14.8	0.0	7.6
Home Economics: Food	2.6	1.9	0.5	2.2	6.4	2.7	2.1
Information & Communications Technology	28.4	28.4	40.8	45.1	25.8	6.8	55.6
Italian	8.9	9.4	7.7	12.1	15.6	5.4	27.8
Japanese	6.1	3.6	0.5	14.3	14.3	0.0	12.5
Latin	5.0	3.3	1.0	29.7	38.3	1.4	5.6

Subject	Academy	Comp	FE\Ter	Gram	Indep	Sec Mod	6th Form
Law	26.9	27.8	66.8	13.2	6.4	17.6	82.6
Logic/ Philosophy	6.8	6.0	18.9	12.1	9.7	1.4	48.6
Mathematics	90.2	86.2	77.6	93.4	89.1	73.0	97.9
Mathematics (Further)	56.8	55.9	39.8	91.2	67.6	14.9	84.7
Mathematics (Pure)	1.0	0.3	0.5	1.1	0.8	0.0	2.8
Mathematics (Statistics)	1.8	1.0	3.1	1.1	1.3	0.0	13.2
Media/Film/TV Studies	54.8	57.8	67.9	38.5	11.2	44.6	85.4
Modern Greek	2.5	2.5	0.5	1.1	3.6	0.0	1.4
Modern Hebrew	0.0	0.6	0.0	0.0	0.7	0.0	0.0
Music	48.0	41.5	14.8	79.1	59.5	6.8	67.4
Music Technology	21.8	21.1	12.2	16.5	14.8	9.5	49.3
Other Classical Languages	0.0	0.3	0.5	0.0	1.0	0.0	0.0
Persian	4.8	3.4	1.5	2.2	3.1	0.0	10.4
Physical Education/Sports Studies	63.3	58.1	26.5	78.0	56.1	31.1	77.8
Physics	79.8	76.4	61.2	93.4	78.6	33.8	93.8
Polish	16.6	18.2	6.6	14.3	5.1	14.9	36.8
Portuguese	7.1	7.2	4.6	1.1	3.6	1.4	11.8
Psychology	82.9	80.1	81.1	78.0	53.8	59.5	93.8
Punjabi	3.0	3.2	2.0	5.5	0.8	0.0	2.8
Religious Studies	59.1	55.1	21.4	74.7	59.0	36.5	68.8
Russian	9.0	6.8	7.1	9.9	26.3	5.4	22.2
Science in Society	0.8	1.1	0.5	2.2	0.3	0.0	2.8
Social Science: Citizenship	3.1	3.3	5.6	3.3	0.0	1.4	10.4
Sociology	65.2	64.1	80.1	50.5	11.3	44.6	91.7
Spanish	39.8	36.7	27.0	59.3	61.0	21.6	77.1
Turkish	5.0	6.5	4.1	7.7	3.6	2.7	14.6
Urdu	6.1	6.6	3.6	4.4	1.8	6.8	9.0
Use of Mathematics	0.7	0.6	4.1	0.0	0.0	0.0	12.5
Welsh (Second Language)	0.0	0.1	0.0	0.0	0.0	0.0	0.0
World Development	1.5	1.4	7.1	0.0	0.0	0.0	6.3

Table 11: Provision of A levels by school attainment group (percentages, comprehensive schools only)

Subject	Low attainment → High attainment				
	Group I	Group II	Group III	Group IV	Group V
Accounting/Finance	8.5	8.9	8.1	7.9	0.0
Additional Mathematics	0.5	0.8	1.6	1.1	2.6
Ancient History	0.0	1.2	1.2	0.5	0.0
Anthropology	0.5	0.4	0.0	0.0	0.0
Arabic	7.5	6.2	7.7	10.0	5.3
Archaeology	0.5	0.8	1.2	0.5	0.0
Art & Design	38.0	36.6	42.1	39.5	18.4
Art & Design (3d Studies)	0.9	2.3	1.2	1.6	0.0
Art & Design (Critical Studies)	0.9	0.0	0.4	1.6	0.0
Art & Design (Fine Art)	39.9	59.1	58.3	54.2	57.9
Art & Design (Graphics)	8.0	12.5	13.0	14.7	5.3
Art & Design (Photography)	34.3	38.1	41.7	43.2	36.8
Art & Design (Textiles)	11.7	19.8	25.5	18.4	15.8
Bengali	1.4	0.8	1.2	0.5	0.0
Biology	90.1	97.7	97.2	94.2	73.7
Business Studies: Single	48.8	56.8	62.3	60.5	52.6
Business Studies & Economics	6.1	10.1	4.5	8.4	5.3
Chemistry	80.8	94.6	96.4	93.7	76.3
Chinese	8.5	12.5	15.8	17.9	26.3
Classical Civilisation	1.9	3.5	8.9	7.9	13.2
Classical Greek	0.0	0.0	0.0	0.0	2.6
Classics (General)	0.0	0.4	0.8	1.1	2.6
Communication Studies	0.9	3.1	2.8	2.6	2.6
Computer Studies/Computing	6.6	10.5	19.4	14.2	10.5
Critical Thinking	3.3	3.5	3.6	8.9	2.6
D&T Food Technology	7.5	14.4	18.2	21.6	5.3
D&T Product Design	56.8	72.4	77.7	75.3	50.0
D&T Systems & Control	2.3	1.9	2.4	5.3	2.6
D&T Textiles Technology	16.0	23.3	27.5	30.0	10.5
Dance	6.6	17.9	20.2	17.4	7.9
Drama & Theatre Studies	45.1	61.9	70.9	71.1	50.0
Dutch	2.8	5.8	5.7	5.3	2.6
Economics	20.2	35.4	47.0	54.7	50.0
Electronics	2.3	2.3	4.9	5.8	0.0
English Language	33.3	38.9	44.9	48.9	26.3
English Language & Literature	28.2	28.4	39.3	30.5	23.7
English Literature	83.6	93.4	93.1	89.5	73.7
Environmental Science	3.8	2.7	6.1	5.3	2.6
Expressive Arts & Performance Studies	3.8	6.2	4.9	4.7	2.6
Film Studies	19.2	21.4	24.3	20.0	18.4
French	41.8	62.6	79.4	78.4	65.8
General Studies	24.9	36.2	38.9	37.4	15.8
Geography	63.8	83.3	93.5	91.1	63.2
Geology	1.9	4.3	4.0	6.8	2.6
German	16.9	33.9	46.2	55.3	42.1
Government & Politics	21.6	37.7	41.7	44.7	50.0
Gujarati	0.9	1.6	0.8	1.1	0.0
History	89.2	93.8	98.0	95.8	71.1
History of Art	0.0	0.4	0.4	0.5	2.6
Home Economics: Food	1.4	2.7	2.8	2.1	0.0
Information & Communications Technology	28.2	36.2	36.0	28.4	31.6
Italian	4.7	10.5	10.9	15.3	18.4
Japanese	0.5	3.1	4.9	6.3	10.5

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	0.5	2.3	3.6	7.9	13.2
Law	26.3	37.4	35.2	31.6	5.3
Logic/ Philosophy	2.8	4.3	8.1	11.6	15.8
Mathematics	94.8	99.2	99.6	96.3	76.3
Mathematics (Further)	33.8	60.7	78.5	83.2	65.8
Mathematics (Pure)	0.5	0.0	0.4	0.0	2.6
Mathematics (Statistics)	0.5	0.4	1.2	2.6	0.0
Media/Film/TV Studies	64.3	65.0	70.0	66.3	52.6
Modern Greek	1.4	2.7	3.6	3.2	2.6
Modern Hebrew	0.0	0.0	0.0	1.1	13.2
Music	23.5	45.5	57.9	62.1	55.3
Music Technology	16.9	21.8	29.1	27.9	31.6
Other Classical Languages	0.0	0.0	0.0	0.0	7.9
Persian	4.7	1.9	3.2	3.7	10.5
Physical Education/Sports Studies	50.2	67.3	76.1	74.7	50.0
Physics	75.6	89.9	94.3	91.1	76.3
Polish	11.7	22.2	17.8	20.0	26.3
Portuguese	7.0	7.0	11.3	5.3	7.9
Psychology	91.5	91.4	95.5	90.5	63.2
Punjabi	5.2	3.1	4.0	2.1	2.6
Religious Studies	51.2	62.6	70.0	66.8	68.4
Russian	4.7	5.1	9.7	7.9	13.2
Science in Society	0.0	0.8	2.8	1.6	0.0
Social Science: Citizenship	5.6	3.9	2.8	3.7	0.0
Sociology	69.5	71.6	78.5	73.7	63.2
Spanish	22.1	39.3	47.8	53.2	50.0
Turkish	3.8	5.8	9.3	6.3	2.6
Urdu	10.3	6.2	5.3	6.8	0.0
Use of Mathematics	1.9	0.0	0.4	0.5	0.0
Welsh (Second Language)	0.0	0.4	0.0	0.0	0.0
World Development	1.4	1.6	0.8	2.6	2.6

Table 12: Provision of A levels by school attainment group (percentages, all schools)

Subject	Low attainment			High attainment	
	Group I	Group II	Group III	Group IV	Group V
Accounting/Finance	15.8	17.5	14.0	12.5	7.0
Additional Mathematics	0.2	0.4	2.2	1.1	5.3
Ancient History	0.4	1.8	3.1	1.7	3.3
Anthropology	1.3	0.6	0.2	0.0	0.0
Arabic	7.2	7.2	8.0	8.6	5.9
Archaeology	1.1	1.5	3.3	2.2	0.4
Art & Design	31.5	36.5	35.3	39.3	28.2
Art & Design (3d Studies)	2.8	3.0	4.0	3.2	3.1
Art & Design (Critical Studies)	0.7	0.7	0.9	1.1	2.2
Art & Design (Fine Art)	42.7	56.1	60.2	56.2	58.7
Art & Design (Graphics)	10.7	16.6	19.3	14.7	6.8
Art & Design (Photography)	37.2	41.9	44.4	43.2	22.8
Art & Design (Textiles)	14.7	22.0	27.6	22.2	14.2
Bengali	2.2	0.7	0.7	0.6	0.2
Biology	83.1	93.9	94.5	94.4	90.1
Business Studies: Single	49.5	63.3	65.3	69.1	58.6
Business Studies & Economics	4.6	7.7	5.3	7.1	5.7
Chemistry	74.8	89.3	94.0	93.3	89.0
Chinese	10.1	16.1	20.4	27.9	46.6
Classical Civilisation	3.7	7.6	12.2	18.2	38.5
Classical Greek	0.0	0.0	0.4	1.7	18.2
Classics (General)	0.4	1.1	1.5	2.6	3.9
Communication Studies	7.0	5.9	5.1	4.1	1.3
Computer Studies/Computing	9.2	15.1	24.0	23.8	15.8
Critical Thinking	3.9	4.1	7.6	9.7	6.1
D&T Food Technology	5.9	12.4	14.7	19.6	6.6
D&T Product Design	38.7	61.1	68.9	68.3	51.0
D&T Systems & Control	1.1	1.5	2.0	4.7	2.8
D&T Textiles Technology	9.8	17.2	22.5	19.0	11.8
Dance	7.2	17.9	22.9	17.3	5.7
Drama & Theatre Studies	37.0	59.2	69.1	70.0	65.6
Dutch	4.6	5.7	5.3	4.1	2.9
Economics	23.8	38.4	50.4	60.5	74.4
Electronics	2.8	3.5	8.4	6.7	4.1
English Language	33.1	44.3	45.5	43.9	24.1
English Language & Literature	32.0	33.9	38.7	27.4	13.8
English Literature	77.5	89.5	92.0	90.1	84.5
Environmental Science	5.3	6.5	8.9	7.4	2.2
Expressive Arts & Performance Studies	2.9	8.5	6.7	4.1	2.0
Film Studies	25.8	28.2	27.8	21.2	6.1
French	34.4	59.4	77.6	82.1	82.1
General Studies	15.8	29.3	36.0	38.0	22.8
Geography	54.3	82.5	86.9	89.8	84.0
Geology	1.5	6.3	8.2	8.6	6.3
German	15.7	36.9	49.5	60.5	66.5
Government & Politics	26.3	41.1	47.5	49.2	55.8
Gujarati	0.9	1.3	0.9	0.4	1.3
History	79.2	90.6	94.2	93.9	87.3
History of Art	0.2	1.5	1.3	4.5	16.2
Home Economics: Food	0.9	2.4	3.8	3.5	5.3
Information & Communications Technology	29.1	37.3	37.8	35.2	25.6
Italian	5.9	10.5	11.5	15.3	18.2
Japanese	0.9	4.1	6.2	8.8	17.3

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	0.6	1.8	4.2	10.8	46.6
Law	37.9	42.1	38.0	28.9	6.3
Logic/ Philosophy	6.8	9.2	13.1	13.8	13.3
Mathematics	89.5	96.5	97.6	95.9	92.3
Mathematics (Further)	28.0	56.3	73.8	81.9	82.7
Mathematics (Pure)	0.6	0.4	0.5	0.7	1.7
Mathematics (Statistics)	1.8	2.4	2.2	2.8	1.5
Media/Film/TV Studies	60.6	68.5	66.0	53.6	15.5
Modern Greek	2.0	1.7	2.7	2.4	4.2
Modern Hebrew	0.0	0.0	0.0	0.4	1.5
Music	18.6	42.1	56.0	66.7	70.5
Music Technology	12.9	22.1	32.5	26.8	16.4
Other Classical Languages	0.2	0.0	0.2	0.0	1.3
Persian	3.5	3.3	4.4	4.1	4.6
Physical Education/Sports Studies	39.0	63.3	73.1	75.8	62.6
Physics	66.1	85.4	91.6	91.1	87.8
Polish	13.4	19.4	17.8	15.8	8.3
Portuguese	5.5	7.6	9.8	5.0	4.1
Psychology	86.0	88.4	91.1	85.1	61.3
Punjabi	3.9	3.0	3.1	2.4	0.9
Religious Studies	38.7	57.2	66.5	70.8	69.4
Russian	5.2	8.5	11.5	14.2	26.3
Science in Society	0.2	0.7	2.2	1.1	0.7
Social Science: Citizenship	5.2	4.1	4.2	2.2	0.9
Sociology	68.3	72.3	75.1	62.4	20.8
Spanish	22.1	37.6	51.3	58.8	68.9
Turkish	5.7	6.6	6.9	6.0	3.1
Urdu	8.3	5.5	6.2	4.5	1.7
Use of Mathematics	1.3	2.0	2.4	1.1	0.0
Welsh (Second Language)	0.0	0.2	0.0	0.0	0.0
World Development	1.8	1.8	2.4	2.0	0.9

Table 13: Provision of A levels by school deprivation group (percentages)

Subject	Low deprivation			High deprivation	
	Group A	Group B	Group C	Group D	Group E
Accounting/Finance	5.2	6.2	6.5	6.7	13.7
Additional Mathematics	2.6	1.3	1.6	1.6	0.3
Ancient History	1.8	1.8	1.6	0.0	0.0
Anthropology	0.0	0.5	0.0	0.0	0.0
Arabic	4.4	3.6	3.4	8.3	19.7
Archaeology	0.5	1.0	1.0	0.3	0.3
Art & Design	38.6	34.5	33.2	36.5	34.2
Art & Design (3d Studies)	1.6	1.8	1.0	1.8	1.3
Art & Design (Critical Studies)	0.8	0.5	0.3	0.0	0.5
Art & Design (Fine Art)	58.3	61.1	61.4	49.0	29.8
Art & Design (Graphics)	11.9	15.3	10.4	8.3	7.8
Art & Design (Photography)	39.4	39.9	42.2	33.4	26.4
Art & Design (Textiles)	18.4	21.5	19.2	16.1	13.2
Bengali	0.5	0.0	0.8	0.3	4.1
Biology	90.9	93.3	93.5	86.0	74.4
Business Studies: Single	68.7	60.4	58.0	46.6	35.2
Business Studies & Economics	9.1	9.3	5.2	3.9	4.1
Chemistry	90.2	91.7	89.6	80.3	69.2
Chinese	18.4	18.1	16.1	13.2	13.7
Classical Civilisation	9.3	9.3	10.4	7.0	4.4
Classical Greek	1.6	1.0	0.3	0.3	0.3
Classics (General)	1.0	0.8	1.6	0.8	0.5
Communication Studies	5.2	2.8	2.6	2.6	0.5
Computer Studies/Computing	21.2	22.0	15.8	9.6	7.0
Critical Thinking	9.1	7.3	7.0	3.4	0.5
D&T Food Technology	22.8	22.0	16.8	9.1	2.8
D&T Product Design	78.5	77.2	72.0	59.8	36.8
D&T Systems & Control	3.4	3.6	4.1	1.6	0.3
D&T Textiles Technology	32.9	23.6	22.0	16.6	7.5
Dance	18.4	19.9	17.9	12.2	5.4
Drama & Theatre Studies	74.6	70.2	61.7	51.3	35.2
Dutch	2.1	1.8	4.7	3.4	13.0
Economics	57.0	42.5	37.6	31.9	32.9
Electronics	6.2	4.7	4.1	1.3	1.3
English Language	50.5	47.9	40.2	33.2	15.5
English Language & Literature	30.1	31.3	32.4	28.5	21.2
English Literature	88.9	92.7	88.6	81.3	73.3
Environmental Science	6.2	7.3	5.2	3.1	0.3
Expressive Arts & Performance Studies	3.9	4.7	5.7	6.7	2.1
Film Studies	18.9	19.9	18.9	17.9	16.6
French	80.3	74.6	65.5	54.1	38.1
General Studies	45.9	42.7	36.5	25.1	9.6
Geography	90.4	89.6	84.7	73.6	46.1
Geology	9.1	5.4	4.7	1.6	0.3
German	62.2	50.3	39.4	29.8	23.1
Government & Politics	44.3	43.8	39.1	31.9	29.5
Gujarati	0.3	0.5	1.3	0.8	2.3
History	90.4	93.8	94.6	87.0	69.9
History of Art	1.6	0.8	0.5	1.3	0.3
Home Economics: Food	3.1	4.1	1.6	2.6	0.0
Information & Communications Technology	34.2	33.2	33.7	26.4	22.5
Italian	10.6	7.5	9.6	10.1	11.1
Japanese	7.8	3.4	6.0	5.4	3.1

Subject	Group A	Group B	Group C	Group D	Group E
Latin	8.0	7.5	6.2	3.4	1.3
Law	26.9	27.5	31.9	28.5	26.7
Logic/ Philosophy	11.4	4.1	7.5	5.2	7.5
Mathematics	91.2	95.9	95.3	91.5	82.4
Mathematics (Further)	79.8	75.1	60.4	49.2	31.6
Mathematics (Pure)	1.0	0.3	0.3	0.8	0.5
Mathematics (Statistics)	2.3	1.0	1.6	0.8	1.0
Media/Film/TV Studies	58.0	60.6	63.5	60.6	50.3
Modern Greek	1.6	1.6	2.3	4.7	3.4
Modern Hebrew	0.0	0.5	1.3	0.0	0.0
Music	72.0	59.8	51.3	37.0	14.2
Music Technology	29.5	28.8	22.3	18.7	10.6
Other Classical Languages	0.0	0.3	0.5	0.0	0.0
Persian	2.1	1.6	2.3	4.1	10.4
Physical Education/Sports Studies	85.2	80.8	72.0	54.4	23.6
Physics	89.4	90.2	88.3	76.4	61.1
Polish	9.8	13.5	16.8	22.3	23.1
Portuguese	1.0	4.1	5.7	5.4	17.6
Psychology	84.5	88.6	89.9	84.5	74.1
Punjabi	1.0	0.3	2.1	6.0	8.0
Religious Studies	69.4	68.7	62.7	54.4	42.2
Russian	9.1	7.5	4.9	6.5	10.6
Science in Society	2.3	1.0	1.8	0.0	0.3
Social Science: Citizenship	1.3	3.4	3.1	6.5	2.8
Sociology	63.0	69.4	66.6	66.3	65.3
Spanish	48.4	45.9	41.2	33.4	32.1
Turkish	1.6	2.3	3.6	6.5	15.8
Urdu	1.0	1.6	4.9	6.7	16.6
Use of Mathematics	0.8	1.0	0.3	0.8	0.0
Welsh (Second Language)	0.0	0.0	0.0	0.0	0.3
World Development	1.6	1.6	1.6	1.0	1.3

Table 14: Provision of A levels by school gender (percentages)

Subject	Boys	Girls	Mixed
Accounting/Finance	3.3	3.2	14.6
Additional Mathematics	5.6	0.0	1.6
Ancient History	4.2	1.0	1.8
Anthropology	0.0	0.0	0.5
Arabic	8.9	7.1	7.3
Archaeology	0.5	0.0	1.9
Art & Design	15.0	24.9	33.7
Art & Design (3d Studies)	0.5	0.7	3.5
Art & Design (Critical Studies)	0.5	1.0	1.1
Art & Design (Fine Art)	26.2	38.5	54.0
Art & Design (Graphics)	3.7	4.1	14.6
Art & Design (Photography)	8.9	19.8	39.9
Art & Design (Textiles)	0.0	15.1	20.8
Bengali	0.9	1.2	1.0
Biology	47.2	64.9	88.8
Business Studies: Single	29.0	38.3	60.9
Business Studies & Economics	2.3	5.6	5.8
Chemistry	46.7	62.0	85.6
Chinese	18.2	30.5	21.8
Classical Civilisation	10.7	28.0	12.5
Classical Greek	10.7	8.0	2.3
Classics (General)	3.3	1.2	1.6
Communication Studies	0.9	1.2	5.1
Computer Studies/Computing	16.4	3.4	18.1
Critical Thinking	5.1	3.7	6.3
D&T Food Technology	0.9	8.0	12.1
D&T Product Design	34.6	19.8	59.6
D&T Systems & Control	4.2	0.0	2.4
D&T Textiles Technology	0.5	15.4	15.7
Dance	0.0	7.8	15.4
Drama & Theatre Studies	24.8	44.6	59.1
Dutch	2.8	2.0	4.8
Economics	39.7	41.5	45.8
Electronics	5.6	0.2	5.2
English Language	14.0	17.3	39.9
English Language & Literature	10.3	10.7	31.0
English Literature	43.0	63.9	85.0
Environmental Science	1.9	1.5	6.6
Expressive Arts & Performance Studies	1.9	2.0	5.0
Film Studies	4.2	4.9	23.9
French	36.9	54.6	64.0
General Studies	15.9	13.4	28.6
Geography	43.0	55.4	77.5
Geology	3.7	1.2	6.5
German	31.3	36.1	43.9
Government & Politics	33.6	33.4	41.4
Gujarati	1.4	0.2	1.0
History	46.3	60.2	87.6
History of Art	1.9	12.9	3.0
Home Economics: Food	0.5	6.1	2.6
Information & Communications Technology	14.5	20.7	32.8
Italian	6.1	11.0	11.9
Japanese	7.9	10.2	6.3
Latin	17.8	25.9	8.5

Subject	Boys	Girls	Mixed
Law	6.5	5.6	33.6
Logic/ Philosophy	6.5	4.6	11.4
Mathematics	56.1	66.1	93.1
Mathematics (Further)	38.8	46.1	62.2
Mathematics (Pure)	0.0	1.2	0.6
Mathematics (Statistics)	0.9	1.0	2.2
Media/Film/TV Studies	15.9	16.6	56.4
Modern Greek	2.3	3.2	2.6
Modern Hebrew	0.5	0.5	0.3
Music	32.7	41.7	47.9
Music Technology	8.9	6.3	23.4
Other Classical Languages	1.4	1.0	0.1
Persian	3.3	3.2	3.9
Physical Education/Sports Studies	31.3	35.4	62.7
Physics	46.3	54.4	82.9
Polish	11.7	10.7	15.7
Portuguese	2.3	4.4	6.7
Psychology	26.6	57.6	82.2
Punjabi	0.5	1.5	2.9
Religious Studies	28.0	55.4	57.2
Russian	10.7	12.0	12.4
Science in Society	0.0	0.0	1.1
Social Science: Citizenship	0.5	0.5	3.7
Sociology	10.3	25.1	63.4
Spanish	28.0	46.1	44.7
Turkish	2.3	5.4	6.1
Urdu	6.1	4.6	5.5
Use of Mathematics	0.0	0.0	1.6
Welsh (Second Language)	0.0	0.0	0.0
World Development	0.9	0.7	1.8

Table 15: Provision of A levels by school size (percentages)

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Accounting/Finance	6.7	11.6	10.3	11.9	53.4
Additional Mathematics	0.1	0.0	1.1	5.0	5.0
Ancient History	0.1	0.4	1.5	2.4	14.9
Anthropology	0.1	0.2	0.3	0.3	2.5
Arabic	5.0	5.2	6.9	10.0	19.3
Archaeology	0.1	0.2	0.8	0.6	20.5
Art & Design	11.3	35.8	39.9	37.0	39.1
Art & Design (3d Studies)	0.6	2.1	2.4	3.4	18.0
Art & Design (Critical Studies)	0.1	0.6	0.9	1.4	6.2
Art & Design (Fine Art)	18.9	48.5	60.2	67.3	78.9
Art & Design (Graphics)	2.3	9.3	13.4	14.7	56.5
Art & Design (Photography)	13.8	33.2	41.3	43.5	73.3
Art & Design (Textiles)	6.0	17.4	20.0	22.4	59.6
Bengali	1.5	0.9	0.7	1.0	1.9
Biology	39.1	92.7	98.7	100.0	100.0
Business Studies: Single	21.8	50.9	65.9	76.7	94.4
Business Studies & Economics	2.7	5.0	7.1	8.1	1.9
Chemistry	33.3	86.8	97.6	99.8	100.0
Chinese	10.9	21.3	24.4	31.2	41.6
Classical Civilisation	2.7	11.9	14.1	24.2	44.7
Classical Greek	0.6	0.9	5.1	7.9	3.1
Classics (General)	0.3	0.9	1.5	3.2	6.2
Communication Studies	0.9	3.9	2.7	6.4	21.7
Computer Studies/Computing	1.7	5.6	14.9	28.7	76.4
Critical Thinking	1.2	2.1	5.3	9.5	29.8
D&T Food Technology	1.5	7.8	12.5	21.4	13.0
D&T Product Design	12.1	47.6	69.2	80.5	59.0
D&T Systems & Control	0.0	0.7	2.9	5.0	2.5
D&T Textiles Technology	1.8	11.8	18.1	28.0	13.7
Dance	4.0	7.6	13.5	19.2	52.2
Drama & Theatre Studies	13.0	46.8	68.7	83.9	90.7
Dutch	2.1	5.2	4.2	5.0	9.9
Economics	12.1	31.5	51.9	74.4	92.5
Electronics	0.4	0.9	3.1	7.7	33.5
English Language	11.8	29.7	41.4	46.1	84.5
English Language & Literature	10.4	24.4	28.8	35.4	67.7
English Literature	38.6	84.7	94.2	97.7	100.0
Environmental Science	1.0	1.9	5.4	7.6	32.3
Expressive Arts & Performance Studies	0.6	3.0	5.1	4.5	23.0
Film Studies	5.3	16.8	20.5	26.2	72.7
French	17.2	50.4	76.7	92.1	95.7
General Studies	4.6	19.0	32.6	41.1	50.3
Geography	24.7	73.5	90.0	96.6	99.4
Geology	0.1	0.9	4.9	8.5	39.1
German	10.0	26.3	50.4	72.1	83.2
Government & Politics	8.5	27.8	45.4	67.3	91.9
Gujarati	0.3	0.7	1.2	1.1	1.9
History	34.9	91.2	98.0	99.7	100.0
History of Art	1.2	3.4	5.6	5.2	11.2
Home Economics: Food	1.2	3.4	3.3	3.9	3.7
Information & Communications Technology	9.0	24.4	36.6	42.4	62.7
Italian	3.5	6.9	12.7	18.4	29.2
Japanese	2.6	3.4	7.0	12.7	16.8

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Latin	1.5	8.6	13.5	24.0	9.9
Law	10.6	26.9	31.0	31.7	81.4
Logic/ Philosophy	1.7	3.5	9.3	15.8	55.9
Mathematics	51.1	97.6	99.6	99.8	100.0
Mathematics (Further)	12.5	46.3	73.2	94.0	98.8
Mathematics (Pure)	0.5	0.6	0.5	1.1	0.6
Mathematics (Statistics)	0.5	0.9	1.4	2.9	11.8
Media/Film/TV Studies	17.5	49.1	59.8	57.8	88.8
Modern Greek	2.1	2.1	2.3	4.3	2.5
Modern Hebrew	0.3	0.0	0.9	0.0	0.6
Music	8.2	31.7	56.6	80.4	83.2
Music Technology	2.8	11.6	24.0	33.3	57.8
Other Classical Languages	0.6	0.0	0.5	0.0	0.0
Persian	2.1	4.1	3.6	4.8	8.1
Physical Education/Sports Studies	12.1	50.0	71.8	87.6	91.3
Physics	27.9	82.3	94.2	99.7	100.0
Polish	8.6	14.2	15.1	15.6	41.0
Portuguese	3.1	6.3	6.5	6.6	15.5
Psychology	35.9	87.7	88.9	86.5	96.9
Punjabi	2.1	3.0	2.7	2.9	1.2
Religious Studies	15.6	50.0	68.4	81.8	81.4
Russian	5.0	9.0	14.2	17.4	27.3
Science in Society	0.0	0.0	0.5	2.4	4.3
Social Science: Citizenship	1.3	3.9	3.2	2.4	9.3
Sociology	21.4	58.0	63.5	69.1	93.2
Spanish	11.5	36.6	50.8	68.1	89.4
Turkish	3.5	4.7	6.2	6.3	15.5
Urdu	5.1	5.4	5.7	4.0	9.9
Use of Mathematics	0.0	0.2	0.9	0.6	14.9
Welsh (Second Language)	0.0	0.0	0.1	0.0	0.0
World Development	0.1	1.3	1.2	2.1	10.6