

Provision of GCE A level subjects 2014

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Introduction

This report looks at the provision of A level subjects in England in 2014. 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 2014. 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	936	31.9
Comprehensive	929	31.7
FE\Tertiary College	181	6.2
Grammar	74	2.5
Independent	611	20.8
Secondary Modern	65	2.2
Sixth Form College	138	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. Schools categorised as 'Other' or 'Unidentified' were excluded from the analysis.

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	542	40.0	244.8	222.0
	Group II	543	244.9	263.3	255.2
	Group III	541	263.4	279.9	271.6
	Group IV	545	280.0	300.0	289.2
	Group V	542	300.2	400.0	326.3

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 ↓ ↓ ↓	Group A	391	0.00	0.10	0.08
	Group B	391	0.10	0.14	0.12
	Group C	392	0.14	0.19	0.16
	Group D	391	0.19	0.29	0.23
High	Group E	391	0.29	0.95	0.40

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	178	6.1
Girls	380	12.9
Mixed	2,379	81.0

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	706	24.0
30-59	615	20.9
60-119	870	29.6
120-239	590	20.1
240 or greater	156	5.3

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 (41.5% having fewer than 30 students). Sixth form colleges, however, tend to be relatively large (65.2% 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	20.2	18.9	32.3	26.9	1.7
Comprehensive	22.4	24.5	34.8	16.4	1.9
FE\Tertiary College	26.5	21.5	20.4	17.7	13.8
Grammar	6.8	2.7	27.0	59.5	4.1
Independent	34.9	23.1	27.3	14.1	0.7
Secondary Modern	41.5	40.0	13.8	4.6	.
Sixth Form College	9.4	1.4	8.7	15.2	65.2

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	38.0	35.1	18.4	4.8	3.7
Group II	13.1	28.2	39.2	12.5	7.0
Group III	8.3	18.7	41.2	24.4	7.4
Group IV	14.3	16.7	31.4	29.4	8.1
Group V	13.6	15.1	30.6	38.1	2.6

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	6.6	9.0	37.1	45.0	2.3
Group B	9.2	16.9	41.9	29.2	2.8
Group C	15.6	26.3	36.5	20.4	1.3
Group D	23.3	31.5	27.9	15.3	2.0
Group E	35.8	28.1	25.3	9.5	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	57.3	5.1	15.7	21.3	0.6
Girls School	43.9	21.6	23.2	11.3	.
Mixed School	18.4	22.0	31.7	21.4	6.5

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 84.5% of academy schools had students taking Chemistry A level, compared with 93.2% of grammar schools. Table 12 shows that 74.26% of schools in the lowest attainment group had students taking Chemistry, compared with 92.2% 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	7.3	6.2	31.5	1.4	8.3	7.7	48.6
Additional Mathematics	1.2	0.6	1.7	5.4	3.4	1.5	2.9
Ancient History	1.2	0.3	3.9	2.7	2.8	0.0	5.8
Anthropology	0.2	0.3	5.0	0.0	0.0	0.0	3.6
Arabic	8.2	9.3	6.1	10.8	5.2	1.5	17.4
Archaeology	0.3	0.4	8.3	0.0	0.2	0.0	13.0
Art & Design	34.9	34.4	23.8	31.1	28.6	36.9	34.1
Art & Design (3d Studies)	2.1	1.4	8.8	1.4	3.4	1.5	13.8
Art & Design (Critical Studies)	0.7	0.4	3.9	0.0	2.0	0.0	6.5
Art & Design (Fine Art)	50.1	46.9	48.1	66.2	51.6	32.3	71.7
Art & Design (Graphics)	11.4	11.1	34.8	5.4	7.2	7.7	55.8
Art & Design (Photography)	40.7	41.3	58.6	23.0	25.0	40.0	71.7
Art & Design (Textiles)	17.3	17.0	26.0	8.1	13.9	6.2	57.2
Bengali	1.1	2.4	0.6	0.0	0.2	0.0	2.9
Biology	86.9	85.3	77.9	94.6	82.8	61.5	96.4
Business Studies:Single	53.5	48.8	72.4	66.2	59.1	32.3	91.3
Business Studies & Economics	6.0	6.7	2.8	8.1	5.4	1.5	2.2
Chemistry	84.5	83.3	72.4	93.2	81.2	55.4	94.9
Chinese	15.5	13.8	8.3	29.7	44.7	13.8	38.4
Classical Civilisation	9.6	5.4	12.2	32.4	31.8	4.6	43.5
Classical Greek	1.0	0.3	0.0	2.7	13.9	1.5	1.4
Classics (General)	0.9	0.8	2.8	2.7	2.9	0.0	1.4
Communication Studies	3.3	2.0	19.9	1.4	0.7	1.5	16.7
Computer Studies/Computing	19.6	12.6	23.8	31.1	11.9	3.1	61.6
Critical Thinking	3.8	1.8	3.3	9.5	1.5	0.0	15.2
D&T Food Technology	14.9	11.3	0.0	12.2	5.4	4.6	4.3
D&T Product Design	60.4	56.4	7.7	79.7	42.6	30.8	37.7
D&T Systems & Control	3.1	1.5	0.0	5.4	2.1	0.0	1.4
D&T Textiles Technology	17.9	17.4	0.0	12.2	5.6	10.8	5.1
Dance	14.7	13.8	14.4	2.7	3.9	6.2	46.4
Drama & Theatre Studies	54.2	51.3	35.4	55.4	54.3	27.7	76.8
Dutch	5.1	5.0	5.0	4.1	2.6	1.5	11.6
Economics	46.4	38.8	38.7	71.6	66.3	10.8	83.3
Electronics	2.4	1.1	6.1	5.4	3.3	0.0	24.6
English Language	39.4	38.2	50.8	27.0	20.9	29.2	73.9
English Language & Literature	28.5	26.9	58.0	17.6	8.7	10.8	69.6
English Literature	83.2	81.7	70.7	93.2	77.4	78.5	91.3
Environmental Science	3.1	3.2	21.0	2.7	1.5	0.0	19.6
Expressive Arts & Performance Studies	2.6	1.7	2.8	1.4	0.7	3.1	18.1
Film Studies	16.0	17.7	52.5	13.5	4.3	15.4	73.2
French	60.5	52.7	32.6	89.2	70.2	27.7	87.0
General Studies	23.5	22.6	5.5	45.9	11.0	10.8	30.4
Geography	74.8	75.0	53.0	93.2	76.3	52.3	85.5
Geology	4.4	3.0	12.2	6.8	3.6	3.1	32.6
German	41.0	30.7	18.8	70.3	51.9	15.4	60.9
Government & Politics	38.1	31.1	48.1	68.9	45.5	18.5	84.8
Gujarati	0.4	0.9	0.0	0.0	0.5	0.0	2.2
History	86.4	84.9	76.2	94.6	81.0	76.9	92.0
History of Art	0.7	0.4	5.5	0.0	13.7	0.0	9.4
Home Economics: Food	2.7	1.7	0.6	2.7	6.5	4.6	2.2
Humanities: Single	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Information & Communications Technology	29.1	27.8	37.6	31.1	22.9	13.8	52.9
Italian	9.5	10.3	6.6	14.9	15.7	4.6	33.3
Japanese	4.6	3.4	1.7	16.2	12.3	0.0	8.7

Subject	Academy	Comp	FE\Ter	Gram	Indep	Sec Mod	6th Form
Latin	4.9	2.3	0.6	27.0	38.6	1.5	5.1
Law	23.6	25.7	70.2	13.5	5.2	16.9	80.4
Logic/ Philosophy	6.0	5.4	17.1	10.8	9.5	3.1	47.8
Mathematics	90.1	87.6	82.9	95.9	89.5	76.9	98.6
Mathematics (Further)	61.5	56.4	46.4	91.9	70.4	23.1	88.4
Mathematics (Pure)	0.3	0.5	1.1	0.0	0.7	1.5	1.4
Mathematics (Statistics)	1.9	1.0	2.2	0.0	1.1	1.5	14.5
Media/Film/Tv Studies	53.1	56.5	68.5	40.5	10.8	55.4	85.5
Modern Greek	2.4	3.0	2.2	4.1	3.9	1.5	10.1
Modern Hebrew	0.3	0.9	0.6	0.0	1.1	0.0	0.0
Music	46.7	36.9	15.5	68.9	56.1	10.8	65.9
Music Technology	19.9	16.3	9.4	14.9	13.1	9.2	46.4
Other Classical Languages	0.1	0.4	0.6	0.0	1.0	1.5	0.0
Persian	4.2	4.1	2.8	0.0	3.3	1.5	11.6
Physical Education/Sports Studies	59.2	51.5	27.6	82.4	52.9	33.8	73.2
Physics	82.7	79.9	70.7	91.9	78.7	50.8	95.7
Polish	19.7	23.5	8.8	17.6	5.2	21.5	37.0
Portuguese	7.2	8.4	5.0	0.0	3.1	1.5	16.7
Psychology	83.8	82.1	85.1	86.5	55.5	63.1	93.5
Punjabi	2.9	3.9	1.1	9.5	0.7	3.1	3.6
Religious Studies	59.8	58.9	30.9	75.7	62.5	41.5	71.0
Russian	9.9	9.0	8.3	16.2	32.4	3.1	25.4
Science in Society	0.6	0.8	1.1	1.4	0.2	0.0	2.9
Social Science: Citizenship	2.2	2.5	6.6	2.7	0.2	1.5	8.7
Sociology	64.4	66.6	83.4	52.7	11.1	55.4	89.9
Spanish	42.0	40.2	28.7	62.2	63.0	21.5	79.7
Turkish	6.0	7.9	5.0	6.8	3.4	3.1	18.8
Urdu	6.5	7.3	1.7	2.7	2.3	4.6	6.5
Use of Mathematics	1.5	0.8	5.5	0.0	0.2	0.0	24.6
World Development	1.6	1.4	6.6	0.0	0.3	0.0	8.7

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	7.4	6.4	9.6	4.1	2.0
Additional Mathematics	0.0	0.5	0.4	1.8	2.0
Ancient History	0.0	0.0	0.0	1.8	0.0
Anthropology	0.6	0.5	0.4	0.0	0.0
Arabic	9.1	11.0	10.0	7.1	12.2
Archaeology	0.6	0.0	1.3	0.0	0.0
Art & Design	30.3	41.1	40.6	41.4	26.5
Art & Design (3d Studies)	1.1	1.8	2.2	1.2	0.0
Art & Design (Critical Studies)	0.6	0.5	0.0	1.2	0.0
Art & Design (Fine Art)	45.1	53.9	55.9	49.7	51.0
Art & Design (Graphics)	10.3	9.6	17.9	11.8	6.1
Art & Design (Photography)	40.6	43.4	51.1	48.5	32.7
Art & Design (Textiles)	13.1	17.8	24.0	17.2	22.4
Bengali	1.7	3.7	1.3	1.2	0.0
Biology	87.4	96.3	98.7	96.4	73.5
Business Studies:Single	45.7	50.7	62.9	57.4	38.8
Business Studies & Economics	2.9	7.3	11.4	7.7	4.1
Chemistry	82.3	95.9	97.4	95.3	73.5
Chinese	5.1	11.4	14.8	20.7	22.4
Classical Civilisation	4.0	5.0	7.4	5.3	8.2
Classical Greek	0.0	0.5	0.0	0.6	2.0
Classics (General)	0.0	1.4	1.3	0.6	0.0
Communication Studies	2.3	3.2	2.2	1.2	2.0
Computer Studies/Computing	9.7	12.8	16.2	18.3	8.2
Critical Thinking	0.6	1.8	1.7	3.0	4.1
D&T Food Technology	8.6	10.0	16.6	15.4	8.2
D&T Product Design	50.3	59.8	72.1	66.9	53.1
D&T Systems & Control	1.1	1.4	1.7	3.0	0.0
D&T Textiles Technology	8.6	15.1	30.6	21.3	16.3
Dance	10.3	19.2	18.8	11.8	10.2
Drama & Theatre Studies	34.9	58.0	65.5	68.6	44.9
Dutch	6.9	6.8	5.2	2.4	0.0
Economics	23.4	38.8	45.0	62.1	51.0
Electronics	1.1	0.0	3.1	0.6	0.0
English Language	33.7	37.9	50.7	47.3	30.6
English Language & Literature	30.3	32.0	29.3	29.6	14.3
English Literature	76.6	94.1	97.8	92.9	73.5
Environmental Science	2.9	3.2	4.4	4.7	0.0
Expressive Arts & Performance Studies	4.0	2.3	1.3	0.6	0.0
Film Studies	21.1	19.6	19.7	18.9	14.3
French	33.1	55.3	65.1	75.1	63.3
General Studies	17.7	26.5	27.5	30.8	12.2
Geography	65.7	84.9	90.8	90.5	71.4
Geology	1.1	3.2	3.5	5.3	4.1
German	13.7	30.6	38.4	52.1	30.6
Government & Politics	23.4	31.1	41.5	37.9	40.8
Gujarati	0.6	0.9	0.9	0.0	0.0
History	86.3	96.8	97.4	95.9	71.4
History of Art	0.0	0.5	0.0	0.6	4.1
Home Economics: Food	0.0	0.9	3.9	3.0	0.0
Information & Communications Technology	25.1	26.9	37.1	33.1	28.6
Italian	4.6	11.0	10.9	15.4	16.3
Japanese	2.9	2.3	4.4	5.3	2.0

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	0.6	1.4	1.3	5.3	10.2
Law	25.7	31.1	32.3	24.9	20.4
Logic/ Philosophy	3.4	3.7	5.2	10.7	12.2
Mathematics	91.4	98.2	99.1	97.0	75.5
Mathematics (Further)	33.1	57.1	73.4	82.8	65.3
Mathematics (Pure)	0.0	0.9	0.9	0.6	0.0
Mathematics (Statistics)	1.7	0.5	0.9	0.6	4.1
Media/Film/Tv Studies	56.6	63.5	71.2	59.8	44.9
Modern Greek	1.7	1.8	4.8	4.7	2.0
Modern Hebrew	0.0	0.5	0.0	1.2	10.2
Music	16.0	33.8	50.2	59.8	51.0
Music Technology	8.6	18.3	22.3	18.3	28.6
Other Classical Languages	0.0	0.0	0.0	0.0	6.1
Persian	2.3	5.9	3.9	4.7	4.1
Physical Education/Sports Studies	36.0	55.7	69.9	66.3	42.9
Physics	78.9	90.9	94.8	90.5	71.4
Polish	27.4	21.5	21.4	23.7	16.3
Portuguese	9.1	6.8	9.2	9.5	12.2
Psychology	82.9	92.2	97.4	91.1	73.5
Punjabi	3.4	4.1	4.8	3.0	6.1
Religious Studies	48.6	65.3	72.1	70.4	67.3
Russian	4.6	9.6	7.9	14.8	10.2
Science in Society	0.6	0.9	1.7	0.0	0.0
Social Science: Citizenship	3.4	4.1	3.5	0.0	0.0
Sociology	66.3	76.7	76.4	76.3	57.1
Spanish	24.0	35.2	54.6	57.4	51.0
Turkish	4.6	9.6	8.3	9.5	8.2
Urdu	8.0	8.2	5.7	6.5	12.2
Use of Mathematics	1.7	0.0	1.7	0.0	0.0
World Development	1.1	1.4	2.6	1.2	0.0

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	13.7	13.8	14.8	8.8	4.7
Additional Mathematics	0.4	0.9	1.1	1.5	5.4
Ancient History	0.2	1.3	1.8	2.4	3.2
Anthropology	1.3	0.9	0.7	0.6	0.0
Arabic	6.9	10.9	8.7	7.0	6.3
Archaeology	0.9	1.3	2.6	2.2	0.6
Art & Design	31.9	35.2	37.7	38.1	33.0
Art & Design (3d Studies)	3.5	3.1	4.1	3.5	2.6
Art & Design (Critical Studies)	0.7	1.3	1.5	1.3	2.4
Art & Design (Fine Art)	40.1	57.1	58.8	54.2	61.4
Art & Design (Graphics)	14.3	16.4	21.4	14.9	7.3
Art & Design (Photography)	43.2	48.1	51.6	46.3	23.7
Art & Design (Textiles)	14.5	21.4	27.5	21.1	14.9
Bengali	1.7	2.2	0.7	0.9	0.4
Biology	79.4	96.1	97.2	93.8	92.9
Business Studies:Single	50.3	60.2	67.3	66.0	58.8
Business Studies & Economics	3.0	5.0	8.3	8.1	6.3
Chemistry	74.2	92.8	96.1	93.4	92.2
Chinese	9.6	16.9	18.5	26.5	43.1
Classical Civilisation	4.5	9.8	11.6	16.5	39.2
Classical Greek	0.0	0.2	0.4	1.8	16.6
Classics (General)	0.4	1.5	1.3	2.0	2.4
Communication Studies	5.4	6.1	5.0	3.3	1.5
Computer Studies/Computing	10.2	19.3	22.2	27.2	18.3
Critical Thinking	1.7	2.0	3.5	4.4	5.4
D&T Food Technology	6.3	8.8	15.2	15.8	8.2
D&T Product Design	36.0	54.5	66.0	61.8	56.9
D&T Systems & Control	0.4	2.6	2.0	3.3	3.0
D&T Textiles Technology	5.9	14.9	20.3	16.7	13.2
Dance	10.0	20.1	20.3	14.7	4.9
Drama & Theatre Studies	32.7	57.6	63.0	65.1	66.8
Dutch	4.6	6.4	7.2	3.1	3.4
Economics	27.3	46.0	52.1	62.9	78.5
Electronics	1.3	2.8	5.5	3.7	5.4
English Language	34.9	43.1	48.4	47.1	25.7
English Language & Literature	32.3	37.4	33.8	26.5	14.4
English Literature	75.3	90.4	93.5	90.4	88.2
Environmental Science	3.9	6.1	5.7	7.7	1.5
Expressive Arts & Performance Studies	3.7	4.1	3.5	1.8	1.1
Film Studies	23.7	26.7	25.7	20.6	6.0
French	30.6	58.2	69.1	77.8	85.8
General Studies	11.9	21.0	25.3	31.1	19.8
Geography	56.6	82.7	88.4	87.3	87.9
Geology	1.9	6.6	6.1	9.2	6.7
German	16.0	33.5	45.7	53.3	66.0
Government & Politics	26.9	40.3	47.1	46.1	59.5
Gujarati	0.4	1.3	0.7	0.0	0.4
History	79.8	93.9	96.9	93.8	91.8
History of Art	0.6	1.1	1.5	4.2	14.6
Home Economics: Food	0.9	2.0	3.5	4.4	5.8
Humanities: Single	0.2	0.0	0.0	0.0	0.0
Information & Communications Technology	27.6	35.2	36.8	34.0	21.6
Italian	6.3	11.2	12.6	14.9	18.8

Subject	Group I	Group II	Group III	Group IV	Group V
Japanese	2.2	2.9	4.1	8.6	13.6
Latin	0.2	1.7	2.4	10.5	47.0
Law	34.3	39.8	34.4	23.9	6.0
Logic/ Philosophy	5.6	8.8	9.6	14.2	11.8
Mathematics	87.9	98.0	98.5	95.6	95.5
Mathematics (Further)	29.7	62.6	73.4	81.3	88.6
Mathematics (Pure)	0.0	0.7	0.9	0.9	0.6
Mathematics (Statistics)	1.9	2.6	2.2	2.4	1.9
Media/Film/Tv Studies	57.3	66.5	66.4	49.1	17.2
Modern Greek	1.5	2.2	3.7	5.1	4.7
Modern Hebrew	0.2	0.4	0.0	0.7	2.1
Music	14.8	38.1	54.7	60.1	72.2
Music Technology	10.4	20.8	24.6	23.0	16.0
Other Classical Languages	0.0	0.2	0.0	0.4	1.5
Persian	3.5	5.7	4.1	4.2	3.2
Physical Education/Sports Studies	33.2	57.6	69.1	70.2	63.6
Physics	70.1	90.6	93.9	89.5	91.2
Polish	18.4	20.1	21.3	18.9	10.4
Portuguese	7.6	8.1	8.7	6.8	4.1
Psychology	82.6	90.2	92.8	85.3	67.2
Punjabi	2.6	4.2	3.0	3.5	1.5
Religious Studies	39.7	62.4	67.5	69.9	78.0
Russian	5.9	12.5	11.8	18.0	29.9
Science in Society	0.6	0.9	1.1	0.7	0.6
Social Science: Citizenship	5.4	3.9	2.2	1.5	0.4
Sociology	65.7	75.1	73.6	61.4	25.4
Spanish	22.4	40.9	53.6	60.1	73.9
Turkish	6.5	8.3	7.8	8.1	3.4
Urdu	6.5	7.6	5.9	3.9	2.2
Use of Mathematics	2.6	4.2	3.1	2.2	0.0
World Development	1.9	2.2	2.6	2.6	0.7

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	4.1	5.1	5.4	6.6	13.3
Additional Mathematics	2.3	0.5	0.8	1.3	0.5
Ancient History	2.0	1.3	0.5	0.3	0.3
Anthropology	0.0	0.3	0.0	0.3	0.8
Arabic	5.9	4.9	3.1	8.4	20.7
Archaeology	0.5	0.8	0.3	0.3	0.0
Art & Design	36.1	35.0	34.7	36.3	38.9
Art & Design (3d Studies)	1.8	2.6	1.0	1.8	2.0
Art & Design (Critical Studies)	0.8	1.3	0.3	0.3	0.5
Art & Design (Fine Art)	59.6	62.9	54.8	46.3	30.7
Art & Design (Graphics)	14.1	14.1	10.7	9.0	9.2
Art & Design (Photography)	46.8	48.6	44.6	38.9	31.7
Art & Design (Textiles)	19.9	21.5	16.6	14.3	13.6
Bengali	0.0	0.5	0.3	0.8	5.6
Biology	94.6	94.6	91.3	86.4	76.5
Business Studies:Single	68.8	60.1	52.3	48.8	37.3
Business Studies & Economics	9.2	10.0	5.6	3.3	4.6
Chemistry	94.4	93.1	87.2	82.4	75.7
Chinese	15.9	18.9	12.5	15.9	10.7
Classical Civilisation	11.3	9.0	10.5	7.7	4.6
Classical Greek	1.8	0.8	0.0	1.0	0.3
Classics (General)	1.0	0.8	1.5	1.3	0.0
Communication Studies	4.9	3.3	1.5	3.3	0.5
Computer Studies/Computing	27.9	24.8	15.3	10.2	7.9
Critical Thinking	5.4	3.6	2.3	2.6	1.0
D&T Food Technology	22.5	20.2	13.8	7.4	1.8
D&T Product Design	79.8	74.4	64.3	51.4	33.8
D&T Systems & Control	3.3	2.8	4.1	1.5	0.5
D&T Textiles Technology	27.9	23.5	18.4	14.3	5.1
Dance	15.9	16.1	16.8	14.6	8.2
Drama & Theatre Studies	72.9	67.3	53.3	44.8	33.8
Dutch	0.8	4.1	3.3	3.6	13.3
Economics	63.4	47.8	35.2	34.5	39.9
Electronics	3.3	3.6	1.5	1.0	0.3
English Language	54.2	50.9	40.6	36.6	15.3
English Language & Literature	31.2	30.7	31.6	27.1	20.7
English Literature	92.8	94.4	86.7	82.4	73.4
Environmental Science	6.4	3.6	3.8	1.0	0.8
Expressive Arts & Performance Studies	2.8	1.8	2.8	3.6	0.8
Film Studies	19.4	19.4	19.1	16.9	13.6
French	82.4	73.4	56.1	45.5	38.9
General Studies	39.9	33.5	26.3	18.4	4.1
Geography	93.9	91.0	83.4	69.3	51.9
Geology	9.0	6.4	4.3	0.5	0.8
German	59.6	48.3	31.9	28.1	21.5
Government & Politics	44.8	44.0	34.4	30.9	30.9
Gujarati	0.0	0.3	0.0	0.5	2.3
History	94.4	96.2	91.8	89.0	74.7
History of Art	1.3	0.5	0.0	0.3	0.8
Home Economics: Food	5.4	3.6	1.5	1.3	0.0
Information & Communications Technology	33.2	33.2	29.8	26.3	24.3
Italian	8.4	10.0	8.2	12.8	12.3
Japanese	7.4	3.8	3.8	3.8	2.3

Subject	Group A	Group B	Group C	Group D	Group E
Latin	8.2	6.1	4.1	3.6	1.0
Law	25.8	27.1	27.3	23.8	22.5
Logic/ Philosophy	10.0	5.4	4.3	4.9	7.2
Mathematics	95.1	95.9	93.1	91.6	84.1
Mathematics (Further)	85.7	74.9	62.0	47.8	37.3
Mathematics (Pure)	0.8	0.5	0.3	0.5	0.3
Mathematics (Statistics)	2.3	1.8	1.5	0.8	0.5
Media/Film/Tv Studies	55.8	61.9	57.7	57.0	51.2
Modern Greek	3.1	3.1	1.3	3.3	2.8
Modern Hebrew	0.0	1.0	1.0	0.0	0.5
Music	65.5	57.5	43.4	33.5	19.2
Music Technology	27.1	24.0	18.9	13.3	10.0
Other Classical Languages	0.0	0.5	0.5	0.3	0.0
Persian	1.3	1.8	2.3	4.6	11.3
Physical Education/Sports Studies	85.7	78.0	61.0	44.2	22.0
Physics	93.6	91.0	87.0	79.5	69.1
Polish	9.7	17.9	19.4	27.4	28.4
Portuguese	4.1	3.3	4.1	8.4	17.4
Psychology	90.3	91.3	87.2	83.1	77.0
Punjabi	1.5	2.0	3.6	4.3	7.2
Religious Studies	72.9	67.8	63.3	55.8	47.6
Russian	10.5	8.7	8.2	7.9	11.8
Science in Society	1.0	0.5	1.5	0.5	0.3
Social Science: Citizenship	1.3	1.5	3.3	3.6	2.8
Sociology	62.9	71.6	64.5	68.3	68.0
Spanish	55.5	50.4	40.6	35.5	32.5
Turkish	2.8	3.3	4.6	8.2	15.9
Urdu	1.0	1.3	4.1	8.7	17.1
Use of Mathematics	1.0	1.3	1.5	1.3	0.5
World Development	1.8	1.8	0.8	2.0	1.0

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

Subject	Boys	Girls	Mixed
Accounting/Finance	1.1	3.2	12.3
Additional Mathematics	5.1	0.5	1.6
Ancient History	5.1	0.8	1.5
Anthropology	0.0	0.0	0.8
Arabic	11.8	9.7	7.6
Archaeology	0.6	0.0	1.7
Art & Design	17.4	26.8	34.7
Art & Design (3d Studies)	0.6	1.3	3.6
Art & Design (Critical Studies)	1.1	0.8	1.4
Art & Design (Fine Art)	28.1	38.9	53.7
Art & Design (Graphics)	5.6	5.5	15.6
Art & Design (Photography)	11.2	22.1	44.6
Art & Design (Textiles)	0.6	16.3	20.1
Bengali	1.1	1.6	1.2
Biology	56.2	69.2	89.6
Business Studies:Single	33.7	38.7	60.2
Business Studies & Economics	2.2	6.3	5.8
Chemistry	52.2	66.1	87.6
Chinese	18.5	27.9	20.9
Classical Civilisation	14.6	28.4	12.9
Classical Greek	9.0	7.6	2.4
Classics (General)	1.1	1.3	1.5
Communication Studies	1.1	1.3	4.5
Computer Studies/Computing	18.5	2.9	20.3
Critical Thinking	1.7	2.1	3.5
D&T Food Technology	1.1	9.5	10.8
D&T Product Design	37.6	20.8	56.7
D&T Systems & Control	3.9	0.3	2.3
D&T Textiles Technology	0.6	13.9	14.0
Dance	0.6	6.8	15.1
Drama & Theatre Studies	27.0	48.2	55.2
Dutch	1.7	2.1	5.4
Economics	42.7	45.8	50.1
Electronics	5.1	0.5	3.8
English Language	17.4	18.7	41.3
English Language & Literature	9.6	12.4	30.6
English Literature	47.2	66.3	86.1
Environmental Science	0.6	1.3	5.4
Expressive Arts & Performance Studies	0.6	0.8	3.1
Film Studies	5.6	4.5	22.2
French	41.6	53.9	61.7
General Studies	15.2	12.9	21.6
Geography	46.1	59.5	78.7
Geology	4.5	1.1	6.4
German	29.8	37.4	40.8
Government & Politics	37.1	37.9	41.2
Gujarati	0.6	0.5	0.6
History	52.2	65.8	89.7
History of Art	1.7	13.2	2.7
Home Economics: Food	0.6	7.1	2.6
Humanities: Single	0.0	0.0	0.0
Information & Communications Technology	12.4	21.6	31.1
Italian	10.1	11.3	12.3
Japanese	7.3	9.5	5.4

Subject	Boys	Girls	Mixed
Latin	21.3	27.1	8.0
Law	3.9	6.8	30.2
Logic/ Philosophy	6.2	4.5	10.2
Mathematics	62.9	69.2	93.9
Mathematics (Further)	48.9	50.0	64.8
Mathematics (Pure)	0.0	0.0	0.7
Mathematics (Statistics)	1.1	0.8	2.3
Media/Film/Tv Studies	12.9	17.6	54.9
Modern Greek	2.2	3.4	3.3
Modern Hebrew	1.7	1.1	0.5
Music	34.8	42.1	45.3
Music Technology	11.8	5.0	20.0
Other Classical Languages	2.2	1.3	0.2
Persian	2.8	3.2	4.3
Physical Education/Sports Studies	33.1	32.1	59.2
Physics	51.7	57.4	86.0
Polish	10.7	12.6	19.3
Portuguese	3.4	4.7	7.3
Psychology	31.5	62.1	83.3
Punjabi	0.6	2.4	3.1
Religious Studies	36.0	61.1	60.0
Russian	11.8	15.5	15.1
Science in Society	0.0	0.3	0.8
Social Science: Citizenship	0.6	0.0	3.0
Sociology	10.7	27.1	63.8
Spanish	36.5	49.7	47.0
Turkish	1.7	3.9	7.3
Urdu	3.9	7.6	5.2
Use of Mathematics	0.0	0.3	2.7
World Development	1.7	0.8	2.0

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	6.1	9.1	8.2	10.2	49.4
Additional Mathematics	0.1	0.5	1.4	4.4	5.1
Ancient History	0.1	0.5	1.0	3.1	10.9
Anthropology	0.1	0.5	0.6	0.3	5.1
Arabic	6.9	7.0	7.0	9.5	19.2
Archaeology	0.0	0.3	0.5	0.5	20.5
Art & Design	16.1	36.6	39.4	36.6	39.1
Art & Design (3d Studies)	0.6	2.4	2.8	4.4	14.1
Art & Design (Critical Studies)	0.1	0.5	1.4	2.0	7.1
Art & Design (Fine Art)	18.8	49.6	61.4	65.3	76.3
Art & Design (Graphics)	4.4	9.1	15.3	14.7	61.5
Art & Design (Photography)	17.3	41.1	45.7	46.3	76.9
Art & Design (Textiles)	6.1	15.4	20.8	21.5	60.9
Bengali	1.1	1.5	1.3	0.8	2.6
Biology	43.9	94.1	99.0	99.7	100.0
Business Studies:Single	23.7	50.1	66.4	74.9	92.3
Business Studies & Economics	2.1	5.9	7.6	7.5	3.2
Chemistry	37.3	91.7	98.6	99.5	100.0
Chinese	11.2	19.3	24.8	28.8	34.0
Classical Civilisation	2.8	9.6	16.9	24.7	44.2
Classical Greek	0.4	1.1	4.0	9.0	2.6
Classics (General)	0.3	0.7	2.0	2.4	3.2
Communication Studies	1.6	2.3	3.2	5.4	19.2
Computer Studies/Computing	1.8	9.3	17.5	32.4	72.4
Critical Thinking	0.6	0.8	2.2	6.6	17.9
D&T Food Technology	2.0	7.2	12.4	18.6	12.2
D&T Product Design	12.2	44.2	68.0	78.1	53.2
D&T Systems & Control	0.3	0.5	2.6	5.4	1.3
D&T Textiles Technology	2.7	8.5	17.9	24.1	11.5
Dance	3.5	8.3	12.9	18.8	55.8
Drama & Theatre Studies	12.3	44.4	65.6	79.3	93.6
Dutch	2.1	4.9	4.3	5.9	14.1
Economics	15.0	36.6	56.6	80.2	94.2
Electronics	0.3	0.7	1.5	7.5	24.4
English Language	15.3	30.6	42.9	48.8	82.1
English Language & Literature	13.7	21.5	29.2	34.1	68.6
English Literature	41.4	86.8	95.4	97.1	100.0
Environmental Science	0.7	2.4	4.5	5.8	26.9
Expressive Arts & Performance Studies	0.4	1.1	3.2	2.4	16.0
Film Studies	4.2	14.0	20.7	24.1	75.6
French	16.7	45.7	75.3	91.7	98.1
General Studies	4.7	14.8	24.7	32.4	38.5
Geography	27.1	74.1	92.3	97.6	98.7
Geology	0.3	1.6	5.1	8.0	39.7
German	9.6	26.0	47.8	67.5	78.8
Government & Politics	9.2	27.2	45.9	70.3	92.9
Gujarati	0.7	0.0	0.7	0.7	1.9
History	43.3	93.0	98.5	99.5	99.4
History of Art	1.0	3.6	4.9	4.9	10.9
Home Economics: Food	1.4	3.1	4.0	3.1	5.1
Humanities: Single	0.0	0.2	0.0	0.0	0.0
Information & Communications Technology	9.9	24.6	34.6	38.0	62.2
Italian	2.7	8.5	14.4	18.1	32.1

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Japanese	2.4	2.8	6.1	11.0	16.0
Latin	1.4	7.6	14.0	23.1	10.9
Law	11.9	23.4	25.2	30.5	79.5
Logic/ Philosophy	1.1	3.9	7.8	14.7	53.8
Mathematics	56.2	97.2	99.7	100.0	100.0
Mathematics (Further)	14.3	52.2	77.8	95.6	99.4
Mathematics (Pure)	0.3	0.5	1.0	0.3	0.6
Mathematics (Statistics)	0.4	0.8	1.6	2.4	14.7
Media/Film/Tv Studies	19.5	48.5	57.5	54.2	89.1
Modern Greek	1.0	2.1	2.6	6.1	10.3
Modern Hebrew	0.7	1.0	0.7	0.2	0.6
Music	6.5	31.2	54.6	77.5	82.7
Music Technology	2.0	10.7	20.1	30.3	51.9
Other Classical Languages	0.8	0.5	0.2	0.3	0.0
Persian	2.8	3.9	3.0	5.6	10.9
Physical Education/Sports Studies	11.8	43.4	70.1	83.4	87.8
Physics	32.9	87.5	97.2	99.2	100.0
Polish	11.5	17.2	18.6	18.5	42.9
Portuguese	3.7	7.6	6.9	5.8	19.2
Psychology	40.5	86.8	91.1	86.3	97.4
Punjabi	1.7	2.9	2.8	4.1	3.2
Religious Studies	18.0	55.9	72.5	83.1	84.6
Russian	6.8	13.0	18.2	19.0	26.3
Science in Society	0.3	0.5	0.5	0.8	4.5
Social Science: Citizenship	1.1	3.3	2.3	2.0	7.7
Sociology	23.8	59.3	64.3	68.0	94.2
Spanish	13.0	38.2	54.0	73.6	90.4
Turkish	2.7	4.6	6.4	10.0	19.2
Urdu	5.1	4.7	5.6	5.8	7.1
Use of Mathematics	0.7	0.7	0.7	2.0	25.0
World Development	0.6	1.6	0.8	1.7	14.7