

# Provision of GCE A level subjects 2011

Statistics Report Series No.41

Tim Gill

September 2012

Research Division  
Assessment, Research and Development  
Cambridge Assessment  
1 Regent Street, Cambridge, CB2 1GG

## Introduction

This report looks at the provision of A level subjects in England in 2011. 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 2011. Provision of applied A level subjects and other qualifications (e.g. Pre-U, International Baccalaureate) was not investigated.

### *School Type*

**Table 1: School type**

<b>School Type</b>	<b>Number of Schools</b>	<b>Percentage</b>
Academy	398	13.9
Comprehensive	1,223	42.6
FE\Tertiary College	207	7.2
Grammar	107	3.7
Independent	588	20.5
Secondary Modern	88	3.1
Sixth Form College	140	4.9

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**

	<b>School Ability Group</b>	<b>Number of Schools</b>	<b>Minimum tps</b>	<b>Maximum tps</b>	<b>Mean tps</b>
Low ↓ ↓ ↓ High	Group I	525	0.0	244.7	221.0
	Group II	525	244.8	264.6	255.8
	Group III	526	264.7	280.1	272.3
	Group IV	525	280.2	303.3	290.2
	Group V	525	303.6	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**

	<b>School Deprivation Group</b>	<b>Number of Schools</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Mean</b>
Low ↓ High	Group A	372	0.00	0.10	0.08
	Group B	372	0.10	0.13	0.12
	Group C	373	0.13	0.18	0.15
	Group D	372	0.18	0.27	0.21
	Group E	372	0.27	0.69	0.37

*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**

<b>School Sex</b>	<b>Number of Schools</b>	<b>Percentage</b>
Boys	174	6.1
Girls	365	12.8
Mixed	2,306	81.1

*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**

<b>School Size</b>	<b>Number of Schools</b>	<b>Percentage</b>
Less than 30	620	21.8
30-59	570	20.0
60-119	927	32.6
120-239	581	20.4
240 or greater	147	5.2

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 (44.8% having fewer than 30 students). Sixth form colleges, however, tend to be relatively large (63.3% 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	19.4	18.4	28.0	33.8	0.5
Comprehensive	13.3	23.3	42.0	19.8	1.6
FE\Tertiary College	28.2	17.8	22.3	18.3	13.4
Grammar	2.8	3.7	30.8	57.0	5.6
Independent	31.8	22.4	33.0	12.2	0.5
Secondary Modern	44.8	33.3	14.9	6.9	.
Sixth Form College	6.5	2.9	8.6	18.7	63.3

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	32.2	34.3	23.2	7.1	3.3
Group II	9.7	26.9	43.6	12.8	7.0
Group III	8.8	17.0	41.0	25.5	7.8
Group IV	10.1	14.7	35.9	32.6	6.7
Group V	15.5	15.9	32.5	32.9	3.3

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	9.4	7.3	37.4	44.6	1.3
Group B	7.3	17.7	40.9	31.5	2.7
Group C	11.8	25.7	38.6	22.0	1.9
Group D	20.2	26.1	38.4	14.8	0.5
Group E	30.6	29.8	27.4	10.8	1.3

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

<b>School Gender</b>	<b>School size</b>				
	<b>Less than 30</b>	<b>30-59</b>	<b>60-119</b>	<b>120-239</b>	<b>240 or greater</b>
Boys School	47.6	6.7	23.8	20.1	1.8
Girls School	37.9	23.9	26.1	12.1	0.0
Mixed School	17.0	21.5	34.5	20.6	6.3

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 78.8% of Academy schools had students taking Chemistry A level, compared with 97.2% of Grammar schools. Table 12 shows that 71.7% of schools in the lowest attainment group had students taking Chemistry, compared with 88.5% of schools in the highest attainment group.

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

<b>Subject</b>	<b>Academy</b>	<b>Comp</b>	<b>FE\Ter</b>	<b>Gram</b>	<b>Indep</b>	<b>Sec Mod</b>	<b>6th Form</b>
Accounting/Finance	7.2	8.1	37.3	3.7	8.6	4.1	55.9
Additional Mathematics	1.0	0.5	1.9	3.7	3.2	1.0	2.8
Ancient History	2.2	0.5	2.8	1.9	2.8	0.0	7.0
Arabic	9.1	6.2	7.1	8.3	5.3	4.1	18.2
Archaeology	0.5	0.8	6.1	0.0	0.2	0.0	13.3
Art & Design	35.8	36.4	19.3	35.2	30.2	35.7	28.7
Art & Design (3d Studies)	1.4	2.0	7.1	0.9	3.5	2.0	15.4
Art & Design (Critical Studies)	0.5	0.5	2.4	0.0	1.7	0.0	4.9
Art & Design (Fine Art)	52.4	50.6	44.3	65.7	53.7	29.6	71.3
Art & Design (Graphics)	9.4	9.3	28.3	6.5	5.5	12.2	49.0
Art & Design (Photography)	32.0	31.7	51.9	20.4	21.8	22.4	64.3
Art & Design (Textiles)	18.3	17.7	26.9	8.3	13.6	11.2	55.2
Bengali	1.4	1.8	0.9	0.0	0.5	0.0	2.8
Biology	84.9	84.3	68.9	97.2	84.2	54.1	94.4
Business Studies:Single	53.4	53.8	68.4	72.2	60.3	28.6	94.4
Business Studies & Economics	6.3	6.1	3.8	7.4	5.0	2.0	2.1
Chemistry	78.8	81.7	64.2	97.2	82.2	43.9	93.0
Chinese	18.3	15.9	11.8	32.4	44.9	5.1	39.2
Classical Civilisation	8.2	5.4	8.5	29.6	33.6	1.0	36.4
Classical Greek	1.2	0.1	0.0	3.7	14.1	0.0	1.4
Classics (General)	1.0	0.2	0.9	2.8	2.8	1.0	3.5
Communication Studies	3.4	2.6	17.9	0.9	0.7	5.1	21.0
Computer Studies/Computing	16.1	14.1	22.2	31.5	10.0	3.1	69.2
Critical Thinking	8.7	6.2	9.9	17.6	4.0	0.0	23.8
D&T Food Technology	13.9	15.6	0.0	15.7	5.6	8.2	6.3
D&T Product Design	64.4	65.2	6.6	86.1	45.5	41.8	46.2
D&T Systems & Control	1.9	2.2	0.0	2.8	2.3	1.0	1.4
D&T Textiles Technology	20.0	22.6	0.0	19.4	6.0	6.1	7.0
Dance	12.7	16.9	12.7	9.3	4.0	11.2	44.1
Drama & Theatre Studies	60.1	60.1	29.7	61.1	57.6	26.5	76.2
Dutch	5.3	5.1	2.8	2.8	3.2	0.0	11.9
Economics	42.5	36.4	34.0	72.2	60.5	12.2	74.8
Electronics	2.6	3.4	5.7	8.3	3.0	0.0	28.7
English Language	34.1	36.4	44.3	30.6	19.1	20.4	74.1
English Language & Literature	25.7	27.3	55.7	28.7	7.8	16.3	65.0
English Literature	83.4	82.2	61.3	93.5	79.4	67.3	90.9
Environmental Science	6.5	4.5	17.5	1.9	0.8	4.1	24.5
Expressive Arts & Performance Studies	4.1	4.9	3.3	2.8	1.5	6.1	25.2
Film Studies	12.7	18.7	51.9	12.0	4.5	12.2	67.8
French	63.9	60.8	31.6	89.8	74.3	22.4	84.6
General Studies	34.9	33.0	8.5	61.1	15.4	11.2	41.3
Geography	76.4	74.8	44.3	93.5	76.7	52.0	83.9
Geology	4.3	3.6	9.0	9.3	3.8	1.0	30.1
German	47.8	38.9	19.3	82.4	57.3	10.2	69.2
Government & Politics	37.5	32.8	39.6	66.7	42.4	16.3	81.8
Gujarati	1.0	1.2	1.4	1.9	0.3	0.0	2.1
History	85.1	84.1	63.7	97.2	79.2	58.2	92.3
History of Art	1.4	0.8	4.2	0.9	15.8	0.0	7.0
Home Economics: Food	3.1	2.5	0.9	3.7	6.6	4.1	1.4
Information & Communications Technology	31.0	30.1	40.6	49.1	27.2	12.2	57.3
Italian	6.5	9.3	8.0	14.8	15.9	2.0	28.7
Japanese	5.8	3.8	2.8	10.2	12.0	2.0	7.0
Latin	6.5	3.1	0.5	28.7	39.0	1.0	6.3
Law	24.8	31.4	67.0	16.7	7.1	22.4	79.7

<b>Subject</b>	<b>Academy</b>	<b>Comp</b>	<b>FE\Ter</b>	<b>Gram</b>	<b>Indep</b>	<b>Sec Mod</b>	<b>6th Form</b>
Logic/ Philosophy	6.3	7.3	17.9	16.7	9.1	2.0	49.0
Mathematics	90.9	87.3	73.6	97.2	88.7	70.4	96.5
Mathematics (Further)	55.0	53.9	37.7	95.4	67.3	13.3	85.3
Mathematics (Pure)	0.5	0.2	0.9	1.9	1.0	0.0	2.1
Mathematics (Statistics)	2.4	1.4	2.8	1.9	1.0	1.0	13.3
Media/Film/Tv Studies	53.6	58.8	66.5	37.0	12.1	45.9	83.2
Modern Greek	2.4	1.9	0.9	2.8	2.8	3.1	6.3
Modern Hebrew	0.2	0.6	0.5	0.0	0.7	1.0	0.7
Music	51.2	46.4	14.2	82.4	58.5	12.2	66.4
Music Technology	23.1	23.5	12.3	14.8	15.3	12.2	49.7
Other Classical Languages	0.0	0.2	0.0	0.0	0.5	1.0	0.0
Persian	5.5	3.9	4.2	1.9	3.0	1.0	14.0
Physical Education/Sports Studies	63.9	66.5	28.8	88.0	59.0	37.8	78.3
Physics	77.2	77.9	59.0	98.1	78.6	35.7	90.9
Polish	15.1	16.3	6.1	9.3	6.1	13.3	39.2
Portuguese	7.9	7.9	5.2	2.8	2.0	4.1	16.1
Psychology	80.3	81.1	76.9	80.6	50.3	61.2	93.7
Punjabi	3.6	2.7	1.9	0.9	0.7	1.0	2.1
Religious Studies	57.7	59.0	21.7	84.3	60.0	34.7	65.0
Russian	10.1	7.4	6.6	12.0	23.1	3.1	28.7
Science in Society	1.4	1.5	0.9	1.9	0.3	2.0	3.5
Social Science: Citizenship	3.1	3.1	6.1	3.7	0.5	1.0	9.8
Sociology	63.2	65.2	77.8	48.1	11.5	44.9	88.8
Spanish	38.2	35.5	26.9	66.7	61.0	22.4	76.2
Turkish	5.8	7.0	5.2	6.5	4.0	3.1	14.7
Urdu	6.0	6.7	4.7	4.6	2.2	6.1	11.2
Use of Mathematics	0.7	0.5	3.8	0.0	0.0	0.0	9.1
Welsh (Second Language)	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Welsh Language	0.0	0.0	0.0	0.0	0.0	0.0	0.7
World Development	1.7	1.2	6.1	0.0	0.3	0.0	7.0

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

Subject	Low attainment <span style="float: right;">→ High attainment</span>				
	Group I	Group II	Group III	Group IV	Group V
Accounting/Finance	9.3	9.9	9.1	8.8	2.2
Additional Mathematics	0.0	0.3	0.6	0.4	4.4
Ancient History	0.0	0.6	0.3	1.7	0.0
Arabic	4.5	6.8	5.5	9.6	4.4
Archaeology	0.8	0.6	0.6	0.8	2.2
Art & Design	38.5	42.3	37.1	46.3	31.1
Art & Design (3d Studies)	0.4	3.1	2.4	2.5	2.2
Art & Design (Critical Studies)	0.0	0.6	0.9	0.4	0.0
Art & Design (Fine Art)	44.9	55.2	63.2	57.9	53.3
Art & Design (Graphics)	6.1	9.3	11.9	13.3	15.6
Art & Design (Photography)	27.9	34.6	38.6	39.6	28.9
Art & Design (Textiles)	12.6	18.8	23.7	22.9	17.8
Bengali	3.2	1.2	1.2	1.7	0.0
Biology	84.2	96.0	99.1	97.5	77.8
Business Studies:Single	45.7	64.2	62.9	67.1	46.7
Business Studies & Economics	3.2	7.4	7.0	9.2	8.9
Chemistry	78.9	92.3	97.9	95.8	77.8
Chinese	7.3	15.7	17.9	21.3	22.2
Classical Civilisation	0.8	4.9	7.0	10.4	13.3
Classical Greek	0.0	0.0	0.0	0.0	2.2
Classics (General)	0.4	0.0	0.3	0.4	0.0
Communication Studies	1.6	2.5	4.0	3.3	2.2
Computer Studies/Computing	7.7	15.7	18.8	18.8	22.2
Critical Thinking	2.0	7.1	7.3	9.2	6.7
D&T Food Technology	8.5	17.6	18.8	24.2	20.0
D&T Product Design	58.7	74.1	79.6	77.5	55.6
D&T Systems & Control	1.6	1.9	2.1	4.6	2.2
D&T Textiles Technology	17.4	26.2	25.2	33.3	17.8
Dance	8.1	22.5	22.5	20.4	13.3
Drama & Theatre Studies	43.3	71.3	72.0	79.2	62.2
Dutch	3.6	6.8	4.6	5.8	4.4
Economics	17.8	40.7	45.6	55.4	51.1
Electronics	2.8	3.4	3.3	5.8	4.4
English Language	30.0	38.0	49.8	43.3	31.1
English Language & Literature	22.7	31.2	32.5	35.0	17.8
English Literature	81.4	92.9	94.2	96.3	82.2
Environmental Science	3.2	5.2	6.4	4.6	4.4
Expressive Arts & Performance Studies	5.7	6.2	5.8	4.6	2.2
Film Studies	18.6	22.2	21.0	23.8	8.9
French	36.0	66.7	79.6	82.9	73.3
General Studies	29.6	38.9	38.3	42.1	17.8
Geography	66.0	85.2	90.6	91.3	75.6
Geology	0.4	4.0	4.3	6.7	8.9
German	19.8	34.9	52.9	61.7	48.9
Government & Politics	19.8	36.7	38.9	47.5	51.1
Gujarati	1.2	2.2	1.2	0.4	0.0
History	84.2	95.1	98.2	97.5	80.0
History of Art	0.4	0.9	0.6	0.8	6.7
Home Economics: Food	1.6	2.5	3.0	4.2	2.2
Information & Communications Technology	25.1	36.7	39.2	30.8	24.4
Italian	5.3	8.3	8.5	15.8	31.1
Japanese	0.4	4.3	5.5	4.2	6.7
Latin	0.8	1.5	3.0	5.4	22.2

<b>Subject</b>	<b>Group I</b>	<b>Group II</b>	<b>Group III</b>	<b>Group IV</b>	<b>Group V</b>
Law	36.4	36.4	37.7	31.7	8.9
Logic/ Philosophy	4.9	7.4	9.1	10.0	15.6
Mathematics	92.3	97.8	99.4	97.9	82.2
Mathematics (Further)	25.9	54.0	74.8	81.7	68.9
Mathematics (Pure)	0.0	0.3	0.3	0.0	2.2
Mathematics (Statistics)	2.0	0.3	0.9	2.9	4.4
Media/Film/Tv Studies	61.1	65.4	69.9	67.9	42.2
Modern Greek	0.8	1.9	1.5	3.8	4.4
Modern Hebrew	0.0	0.3	0.0	0.8	11.1
Music	23.1	47.2	62.9	70.4	60.0
Music Technology	13.4	26.9	30.7	32.1	28.9
Other Classical Languages	0.0	0.0	0.0	0.0	6.7
Persian	2.8	4.6	3.3	5.4	2.2
Physical Education/Sports Studies	54.7	74.7	82.1	84.2	64.4
Physics	66.8	90.1	95.4	94.6	73.3
Polish	11.3	19.1	15.5	17.9	26.7
Portuguese	5.3	10.2	8.5	8.8	11.1
Psychology	80.2	93.8	94.5	92.9	73.3
Punjabi	3.2	3.7	3.0	2.1	0.0
Religious Studies	42.5	66.7	75.1	73.8	71.1
Russian	4.0	7.4	7.9	10.4	11.1
Science in Society	1.6	1.9	1.2	2.1	0.0
Social Science: Citizenship	2.8	4.9	3.0	2.1	6.7
Sociology	64.0	77.8	75.1	73.3	55.6
Spanish	19.0	36.1	46.5	50.4	53.3
Turkish	4.9	9.0	5.2	7.9	6.7
Urdu	8.1	7.1	6.4	5.0	6.7
Use of Mathematics	0.8	0.9	0.3	0.4	0.0
Welsh (Second Language)	0.4	0.0	0.0	0.0	0.0
World Development	2.0	0.9	0.9	1.7	2.2

**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	16.6	16.9	15.9	11.4	6.7
Additional Mathematics	0.2	0.4	0.9	1.5	4.8
Ancient History	0.4	1.7	1.7	2.2	3.7
Arabic	5.4	9.8	8.1	7.0	5.4
Archaeology	1.5	1.5	3.0	2.2	0.6
Art & Design	32.9	36.8	37.3	38.7	33.1
Art & Design (3d Studies)	2.4	3.5	4.4	4.1	3.0
Art & Design (Critical Studies)	0.4	1.1	1.7	0.9	1.7
Art & Design (Fine Art)	42.7	55.1	63.6	59.4	56.9
Art & Design (Graphics)	10.9	14.5	16.6	14.9	6.7
Art & Design (Photography)	31.6	37.8	43.4	38.4	21.4
Art & Design (Textiles)	16.3	22.1	25.5	24.0	13.3
Bengali	2.2	1.1	1.1	0.9	0.2
Biology	79.9	91.5	98.0	91.9	90.2
Business Studies:Single	49.5	66.5	69.7	68.5	60.3
Business Studies & Economics	2.8	5.9	7.4	7.7	5.5
Chemistry	71.7	88.0	96.5	90.4	88.5
Chinese	8.9	16.4	25.5	27.5	43.8
Classical Civilisation	3.3	7.7	11.8	15.9	38.3
Classical Greek	0.0	0.0	0.0	0.7	17.2
Classics (General)	0.2	0.4	0.9	1.8	3.1
Communication Studies	6.1	5.3	6.1	4.4	1.8
Computer Studies/Computing	9.4	19.2	24.0	22.3	17.7
Critical Thinking	3.5	8.7	9.6	8.9	8.9
D&T Food Technology	5.9	13.3	16.3	17.7	8.3
D&T Product Design	42.0	60.8	71.9	68.5	54.9
D&T Systems & Control	1.3	1.1	2.0	2.8	3.3
D&T Textiles Technology	11.6	18.0	20.1	22.5	11.6
Dance	8.7	20.3	22.6	18.1	5.9
Drama & Theatre Studies	36.8	63.0	71.5	71.4	64.1
Dutch	3.9	7.0	5.5	3.5	3.9
Economics	22.4	41.6	49.0	55.4	73.8
Electronics	2.2	4.1	7.2	7.2	4.6
English Language	30.1	42.2	48.6	40.0	23.7
English Language & Literature	30.7	35.7	35.9	29.7	11.8
English Literature	75.6	89.3	93.2	90.0	87.2
Environmental Science	5.7	9.0	10.2	6.8	1.1
Expressive Arts & Performance Studies	5.7	7.2	6.8	5.0	2.0
Film Studies	23.8	28.2	27.4	21.4	4.4
French	34.2	61.9	79.5	79.3	83.5
General Studies	21.6	31.9	36.0	38.6	25.7
Geography	57.7	78.8	90.4	87.6	83.7
Geology	1.1	5.5	9.2	7.2	7.0
German	20.1	35.0	53.0	61.8	69.3
Government & Politics	22.7	40.9	45.8	46.9	56.6
Gujarati	0.9	1.8	1.5	0.2	0.9
History	76.5	90.8	96.9	91.3	87.2
History of Art	0.7	1.5	1.7	4.1	16.6
Home Economics: Food	1.5	1.8	3.3	5.2	6.1
Information & Communications Technology	29.4	36.8	44.2	36.5	26.2
Italian	5.0	8.5	11.1	15.1	19.4
Japanese	0.6	4.2	6.3	5.9	14.2
Latin	0.6	1.5	3.7	11.4	47.3

<b>Subject</b>	<b>Group I</b>	<b>Group II</b>	<b>Group III</b>	<b>Group IV</b>	<b>Group V</b>
Law	41.0	43.1	42.1	26.9	7.8
Logic/ Philosophy	7.2	11.4	14.2	12.2	13.3
Mathematics	88.7	95.8	99.1	94.1	91.3
Mathematics (Further)	25.0	52.5	73.8	76.4	82.4
Mathematics (Pure)	0.0	0.4	0.7	0.4	1.7
Mathematics (Statistics)	2.6	1.7	3.1	3.3	0.9
Media/Film/Tv Studies	58.8	66.1	69.9	54.2	14.2
Modern Greek	1.1	1.7	2.4	4.1	3.7
Modern Hebrew	0.2	0.2	0.4	0.6	1.7
Music	18.7	41.3	61.9	66.4	72.6
Music Technology	12.0	23.6	32.9	30.1	17.6
Other Classical Languages	0.2	0.0	0.0	0.0	1.1
Persian	2.6	6.1	5.0	4.2	3.9
Physical Education/Sports Studies	45.1	65.9	78.9	78.4	65.8
Physics	60.3	84.9	94.5	88.9	86.9
Polish	10.9	17.1	17.9	14.4	9.8
Portuguese	5.5	9.8	8.5	7.0	2.8
Psychology	77.1	90.6	92.1	82.7	59.5
Punjabi	3.0	3.7	2.2	2.2	0.7
Religious Studies	32.9	59.3	71.0	70.5	73.0
Russian	5.0	9.2	11.3	13.7	24.6
Science in Society	1.3	1.5	1.8	1.7	0.7
Social Science: Citizenship	4.6	5.3	3.7	1.7	1.3
Sociology	65.1	77.0	73.0	59.4	20.1
Spanish	20.9	36.6	50.3	55.7	68.9
Turkish	6.3	7.7	6.3	6.6	4.1
Urdu	6.8	7.7	6.1	3.9	1.7
Use of Mathematics	1.3	1.8	2.0	0.6	0.0
Welsh (Second Language)	0.2	0.0	0.0	0.0	0.0
Welsh Language	0.0	0.0	0.0	0.2	0.0
World Development	1.8	1.8	2.0	2.2	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	6.3	6.8	5.5	8.1	12.6
Additional Mathematics	1.3	1.0	0.8	0.5	0.3
Ancient History	1.6	1.6	1.3	0.3	0.0
Arabic	2.9	3.7	2.6	7.3	17.8
Archaeology	0.3	1.0	0.5	0.3	0.5
Art & Design	38.2	36.0	34.9	36.7	41.2
Art & Design (3d Studies)	3.2	2.6	1.3	1.6	0.8
Art & Design (Critical Studies)	0.5	0.8	0.3	0.0	0.5
Art & Design (Fine Art)	59.5	60.9	60.6	53.3	32.8
Art & Design (Graphics)	11.8	10.5	10.0	7.6	8.7
Art & Design (Photography)	33.9	37.0	37.5	30.4	22.8
Art & Design (Textiles)	18.7	19.7	18.9	19.4	12.6
Bengali	0.0	0.8	0.3	0.3	5.5
Biology	90.3	93.2	92.7	84.0	77.7
Business Studies:Single	66.8	63.0	59.3	51.2	40.4
Business Studies & Economics	9.5	7.9	5.0	4.7	4.5
Chemistry	88.9	91.9	86.6	80.3	72.2
Chinese	18.9	17.3	13.6	16.0	16.5
Classical Civilisation	9.2	8.7	10.2	6.0	3.9
Classical Greek	0.8	0.3	0.3	0.8	0.5
Classics (General)	0.5	1.0	0.8	0.3	0.3
Communication Studies	5.3	2.4	2.4	4.2	0.5
Computer Studies/Computing	23.2	23.1	14.4	11.8	7.9
Critical Thinking	10.0	9.2	7.9	6.3	2.9
D&T Food Technology	24.7	23.1	17.8	9.4	2.1
D&T Product Design	80.0	81.4	73.0	62.7	41.5
D&T Systems & Control	2.4	3.4	3.1	1.3	0.8
D&T Textiles Technology	32.1	26.8	20.2	18.1	11.3
Dance	21.1	18.6	17.3	15.7	8.1
Drama & Theatre Studies	76.8	71.4	64.6	53.3	40.4
Dutch	3.2	1.6	2.6	3.7	13.1
Economics	57.6	42.8	34.6	32.5	33.1
Electronics	5.8	3.9	4.7	1.8	1.8
English Language	48.9	43.8	41.7	33.6	14.7
English Language & Literature	27.4	33.3	31.8	25.2	22.6
English Literature	90.0	91.3	89.2	84.0	75.9
Environmental Science	7.6	6.8	4.2	4.2	1.6
Expressive Arts & Performance Studies	4.5	5.5	5.5	7.6	2.6
Film Studies	17.9	19.7	21.3	14.4	15.0
French	83.9	75.9	63.0	52.8	43.8
General Studies	48.7	44.9	41.2	30.7	10.5
Geography	90.0	92.1	83.5	74.0	52.0
Geology	7.9	6.6	5.5	1.3	0.3
German	63.7	54.1	41.7	32.3	26.0
Government & Politics	43.2	42.3	37.0	30.7	29.4
Gujarati	0.0	0.8	1.0	0.8	2.9
History	90.8	94.8	92.9	86.6	72.7
History of Art	1.6	0.8	0.3	1.0	0.8
Home Economics: Food	5.5	4.5	1.3	2.1	0.8
Information & Communications Technology	37.1	34.1	34.9	25.7	28.1
Italian	8.7	9.7	7.1	9.4	10.5
Japanese	5.5	3.1	5.0	5.0	3.4
Latin	9.5	5.8	5.0	3.4	2.4

<b>Subject</b>	<b>Group A</b>	<b>Group B</b>	<b>Group C</b>	<b>Group D</b>	<b>Group E</b>
Law	27.6	29.1	34.6	31.5	28.1
Logic/ Philosophy	11.3	5.8	6.3	8.1	8.1
Mathematics	91.6	95.3	96.9	90.6	82.7
Mathematics (Further)	79.2	69.8	58.5	43.6	32.8
Mathematics (Pure)	0.8	0.5	0.0	0.3	0.3
Mathematics (Statistics)	3.2	0.8	2.4	0.8	1.0
Media/Film/Tv Studies	54.7	64.0	61.7	58.8	53.8
Modern Greek	0.0	0.8	2.6	3.4	5.2
Modern Hebrew	0.0	1.0	1.0	0.5	0.0
Music	72.1	62.5	53.0	41.7	19.2
Music Technology	32.6	31.0	23.1	19.4	11.0
Other Classical Languages	0.0	0.5	0.5	0.0	0.0
Persian	2.1	2.6	1.0	3.4	11.8
Physical Education/Sports Studies	87.4	86.4	74.8	60.1	34.1
Physics	90.0	90.0	85.8	77.4	58.3
Polish	6.6	13.1	16.8	18.4	21.5
Portuguese	2.6	5.2	3.7	4.7	21.5
Psychology	83.7	89.8	91.6	81.6	71.4
Punjabi	0.5	0.3	1.6	4.5	8.4
Religious Studies	69.5	70.9	62.7	55.1	45.9
Russian	7.9	9.4	6.3	6.3	10.8
Science in Society	1.8	3.4	1.6	1.6	0.5
Social Science: Citizenship	2.4	2.6	3.9	3.9	3.7
Sociology	62.9	68.2	64.0	64.3	68.5
Spanish	51.3	42.8	36.0	33.3	31.0
Turkish	1.8	2.4	3.4	6.3	17.3
Urdu	2.4	1.0	3.4	6.8	17.1
Use of Mathematics	0.8	0.5	0.5	0.5	0.3
Welsh (Second Language)	0.0	0.0	0.0	0.0	0.3
World Development	1.8	1.3	0.8	1.0	1.3

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

<b>Subject</b>	<b>Boys</b>	<b>Girls</b>	<b>Mixed</b>
Accounting/Finance	4.3	1.9	14.9
Additional Mathematics	3.8	0.2	1.4
Ancient History	4.8	1.2	1.6
Arabic	7.7	6.9	7.0
Archaeology	0.0	0.0	2.0
Art & Design	16.3	26.8	35.2
Art & Design (3d Studies)	0.0	1.2	3.8
Art & Design (Critical Studies)	0.5	0.7	1.1
Art & Design (Fine Art)	29.2	38.7	55.3
Art & Design (Graphics)	2.4	4.5	13.7
Art & Design (Photography)	10.0	15.7	36.6
Art & Design (Textiles)	0.5	14.5	20.8
Bengali	1.4	1.2	1.3
Biology	51.2	63.4	88.2
Business Studies:Single	35.9	38.2	62.6
Business Studies & Economics	2.9	5.7	5.5
Chemistry	46.9	60.6	85.0
Chinese	20.6	26.6	22.8
Classical Civilisation	13.4	24.5	12.1
Classical Greek	9.6	6.9	2.0
Classics (General)	1.4	1.7	1.1
Communication Studies	1.9	1.4	5.1
Computer Studies/Computing	19.6	1.4	19.3
Critical Thinking	6.2	5.5	7.8
D&T Food Technology	0.5	8.8	12.5
D&T Product Design	35.4	23.3	61.5
D&T Systems & Control	3.8	0.0	2.1
D&T Textiles Technology	1.0	13.8	16.8
Dance	0.5	10.2	16.0
Drama & Theatre Studies	25.4	45.1	60.3
Dutch	3.8	2.1	5.1
Economics	40.2	37.8	45.4
Electronics	5.7	0.2	5.3
English Language	12.9	15.0	39.0
English Language & Literature	12.0	10.5	30.6
English Literature	47.8	62.7	85.5
Environmental Science	0.5	1.0	7.4
Expressive Arts & Performance Studies	2.9	1.7	5.6
Film Studies	3.8	3.1	23.4
French	40.2	53.9	65.3
General Studies	18.2	13.8	31.3
Geography	41.6	55.8	78.0
Geology	4.3	1.4	6.3
German	32.1	39.2	45.8
Government & Politics	34.9	33.3	40.0
Gujarati	1.0	0.2	1.1
History	47.8	59.9	87.1
History of Art	2.9	13.1	3.1
Home Economics: Food	1.0	5.5	3.1
Information & Communications Technology	14.8	22.3	34.6
Italian	9.6	10.7	11.3
Japanese	5.7	8.8	5.3
Latin	19.6	24.9	8.7
Law	7.2	7.4	35.4

<b>Subject</b>	<b>Boys</b>	<b>Girls</b>	<b>Mixed</b>
Logic/ Philosophy	8.6	4.0	11.9
Mathematics	57.4	64.6	92.9
Mathematics (Further)	40.7	43.0	60.0
Mathematics (Pure)	1.0	0.7	0.6
Mathematics (Statistics)	1.0	0.5	2.5
Media/Film/Tv Studies	15.3	16.9	56.4
Modern Greek	1.4	2.4	2.7
Modern Hebrew	1.0	1.0	0.4
Music	36.4	41.8	49.5
Music Technology	12.9	4.5	24.8
Other Classical Languages	1.4	0.5	0.1
Persian	1.9	3.6	4.5
Physical Education/Sports Studies	35.9	37.8	67.1
Physics	48.3	51.8	82.0
Polish	7.7	9.0	14.9
Portuguese	4.8	2.1	7.2
Psychology	24.9	52.7	80.9
Punjabi	0.5	0.7	2.7
Religious Studies	33.0	53.0	58.2
Russian	12.0	8.8	12.6
Science in Society	0.0	0.7	1.5
Social Science: Citizenship	0.5	1.0	3.6
Sociology	12.4	24.5	62.6
Spanish	30.1	44.7	43.3
Turkish	1.4	5.5	6.6
Urdu	6.2	5.9	5.5
Use of Mathematics	0.0	0.0	1.3
Welsh (Second Language)	0.0	0.0	0.0
Welsh Language	0.0	0.0	0.0
World Development	1.0	0.5	1.9

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

<b>Subject</b>	<b>Less than 30</b>	<b>30 to 59</b>	<b>60 to 119</b>	<b>120 to 239</b>	<b>240+</b>
Accounting/Finance	6.1	11.3	10.6	11.9	55.5
Additional Mathematics	0.0	0.2	1.1	3.0	7.3
Ancient History	0.3	0.4	1.1	3.0	11.6
Arabic	5.0	4.2	7.1	8.3	21.3
Archaeology	0.4	0.2	0.6	1.1	18.9
Art & Design	12.4	39.4	41.1	37.6	37.2
Art & Design (3d Studies)	0.4	3.1	2.2	3.7	18.9
Art & Design (Critical Studies)	0.1	0.5	0.9	1.3	6.7
Art & Design (Fine Art)	19.0	52.6	59.3	69.6	75.6
Art & Design (Graphics)	2.3	9.3	10.2	15.4	55.5
Art & Design (Photography)	11.9	27.9	37.9	39.6	70.7
Art & Design (Textiles)	5.3	16.4	19.9	23.7	57.9
Bengali	2.0	0.9	0.8	1.3	2.4
Biology	34.2	93.8	98.8	99.8	100.0
Business Studies:Single	21.6	53.3	68.3	77.2	95.7
Business Studies & Economics	1.3	5.3	7.4	7.3	4.3
Chemistry	28.4	87.2	97.2	99.4	100.0
Chinese	12.3	19.0	25.5	30.9	43.9
Classical Civilisation	1.8	10.9	15.3	21.5	42.7
Classical Greek	0.3	1.3	4.0	7.8	1.8
Classics (General)	0.5	0.5	1.4	1.6	3.0
Communication Studies	0.9	2.9	3.4	6.4	22.0
Computer Studies/Computing	1.8	5.1	15.1	31.2	78.7
Critical Thinking	2.0	3.1	6.2	12.4	32.9
D&T Food Technology	1.3	8.2	14.3	20.4	12.2
D&T Product Design	11.3	49.3	72.6	80.6	63.4
D&T Systems & Control	0.1	0.7	2.1	4.5	3.0
D&T Textiles Technology	2.8	13.1	18.7	26.9	14.6
Dance	4.0	8.6	13.7	20.9	54.3
Drama & Theatre Studies	10.4	52.0	70.9	82.3	87.8
Dutch	2.2	4.0	5.4	5.4	10.4
Economics	9.0	32.3	51.2	73.2	88.4
Electronics	0.7	0.9	2.8	8.0	31.7
English Language	9.3	27.9	38.5	47.1	86.6
English Language & Literature	10.5	22.4	28.8	34.6	68.3
English Literature	36.9	86.5	94.0	98.1	100.0
Environmental Science	1.2	3.1	5.8	7.3	32.9
Expressive Arts & Performance Studies	0.8	4.2	5.3	4.9	22.6
Film Studies	3.1	14.8	20.5	26.0	73.2
French	17.8	48.4	77.3	94.6	97.0
General Studies	6.2	23.4	33.6	43.2	52.4
Geography	22.8	75.2	89.5	96.8	98.2
Geology	0.1	1.1	4.6	8.0	39.0
German	10.6	30.5	52.4	72.6	82.9
Government & Politics	8.0	23.2	45.5	65.4	90.2
Gujarati	0.1	0.7	1.3	1.1	3.0
History	30.9	91.6	97.5	100.0	100.0
History of Art	1.2	4.2	5.5	5.1	11.6
Home Economics: Food	1.5	4.0	3.4	4.5	3.7
Information & Communications Technology	9.4	27.7	36.8	45.1	63.4
Italian	3.6	6.2	13.0	15.6	32.9
Japanese	2.2	3.1	6.5	10.0	11.6
Latin	1.6	8.8	14.8	22.0	11.0

<b>Subject</b>	<b>Less than 30</b>	<b>30 to 59</b>	<b>60 to 119</b>	<b>120 to 239</b>	<b>240+</b>
Law	10.2	29.0	32.7	34.1	82.3
Logic/ Philosophy	2.0	4.6	9.2	16.6	54.3
Mathematics	47.3	98.0	99.6	100.0	100.0
Mathematics (Further)	9.7	42.5	69.8	92.5	99.4
Mathematics (Pure)	0.7	0.0	0.8	0.6	1.2
Mathematics (Statistics)	0.5	0.5	2.1	2.5	12.8
Media/Film/Tv Studies	14.8	50.0	59.9	57.5	88.4
Modern Greek	1.6	1.5	2.1	4.3	6.1
Modern Hebrew	0.8	0.4	0.4	0.3	1.2
Music	8.2	31.8	60.0	79.8	84.8
Music Technology	3.1	12.2	24.9	34.9	57.9
Other Classical Languages	0.4	0.4	0.2	0.0	0.0
Persian	2.7	3.5	4.0	4.9	11.6
Physical Education/Sports Studies	14.3	56.0	76.5	88.9	92.7
Physics	23.3	80.7	94.0	98.9	100.0
Polish	6.9	11.9	13.9	15.1	41.5
Portuguese	3.4	5.7	7.0	6.5	17.7
Psychology	29.2	84.7	88.1	86.5	97.6
Punjabi	1.9	2.4	2.6	2.7	0.0
Religious Studies	14.3	52.6	69.3	81.5	79.9
Russian	4.4	8.8	13.2	17.4	29.3
Science in Society	0.4	0.9	0.9	2.7	3.7
Social Science: Citizenship	1.6	3.1	3.4	2.4	9.1
Sociology	19.9	57.1	61.6	68.9	92.7
Spanish	10.2	31.0	50.0	68.3	87.8
Turkish	3.9	4.9	6.0	7.5	14.6
Urdu	5.3	4.7	5.7	4.9	11.6
Use of Mathematics	0.0	0.4	0.8	0.6	11.0
Welsh (Second Language)	0.0	0.0	0.1	0.0	0.0
Welsh Language	0.0	0.0	0.0	0.0	0.6
World Development	0.4	0.9	0.9	2.1	11.6