



**Cambridge
Assessment**

Provision of GCE A level subjects 2016

Statistics Report Series No. 117

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August 2017

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How to cite this publication:

Gill, T. 2017. *Provision of GCE A level subjects 2016. Statistics Report Series No.117*. Cambridge, UK: Cambridge Assessment.

Introduction

This report looks at the provision of A level subjects in England in 2016. 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 13 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. The report presents only provision of A level subjects. Provision of applied A level subjects and other qualifications (e.g. Pre-U, International Baccalaureate) was not investigated. Data were restricted to include only students who had taken at least one A level in 2016.

School Type

For the analysis by school type a new classification was used. The classification used in previous statistical reports (based on data from the National Centre Number (NCN) database) has become less and less valid in recent years due to the increasing number of Academy schools. The NCN database groups all Academy schools together, independently of their policy in terms of selection by academic ability. This is despite the fact that an Academy school may have converted from a Grammar school and still have a selective admissions policy or from a Secondary Modern school and therefore be non-selective and located in an area with Grammar schools. How selective a school is in terms of admissions is likely to be an important factor determining provision of different subjects. Therefore, in this report a different classification was used, taken from the Edubase database of schools (the Department for Education's register of educational establishments). The database was downloaded from the Edubase website¹ and data was combined in order to produce categories of schools based on both the management status of the school (Academy or not) and the admissions policy. For example, schools classified as 'Academy (comprehensive)' were Academy schools which were originally comprehensive schools. Table 1 presents the number and percentage of each school type.

¹ <http://www.education.gov.uk/edubase/about.xhtml>

Table 1: School type

School Type	Number of Schools	Percentage
Academy (comprehensive)	1242	43.7
Academy (secondary modern)	59	2.1
Academy (selective)	139	4.9
Comprehensive	516	18.2
FE / Tertiary College	154	5.4
Grammar	23	0.8
Independent	585	20.6
Secondary Modern	26	0.9
Sixth form college	92	3.2

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’ (mainly special schools) 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 UCAS total points score 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. Schools where no students entered for at least 3 A levels were excluded from this categorisation.

Table 2: School attainment/ability group

	School Ability Group	Number of Schools	Minimum	Maximum	Mean
Low ↓ High	Group I	541	40.0	246.4	222.3
	Group II	542	246.7	264.3	256.2
	Group III	542	264.4	281.0	272.4
	Group IV	541	281.0	299.9	289.3
	Group V	543	300.0	400.0	324.5

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 of schools

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 infer the level of deprivation they experience. This was done using the Income Deprivation Affecting Children Index (IDACI), which is recorded in the NPD for most students. This gives the proportion of children in a small geographical area (Lower Layer Super Output Area or LSOA) who live in low income families. For an individual student this measure varies between 0 and 1 and indicates how income deprived the area is that they live in (although it cannot tell us how income deprived the student themselves is). A school level deprivation measure was calculated as the mean IDACI score of the students attending it.

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 mean IDACI score. A summary of the groups is presented in Table 3. Thus, group A includes schools serving students living in areas of low income deprivation (on average) and group E includes schools serving students in areas of high income deprivation.

Table 3: School deprivation level

	School Deprivation Group	Number of Schools	Minimum	Maximum	Mean
Low ↓ ↓ ↓ High	Group A	396	0.00	0.10	0.08
	Group B	397	0.10	0.14	0.12
	Group C	397	0.14	0.19	0.17
	Group D	397	0.19	0.29	0.24
	Group E	396	0.29	0.77	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	144	5.1
Girls	316	11.1
Mixed	2380	83.8

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	635	22.4
30-59	643	22.6
60-119	914	32.2
120-239	517	18.2
240 or greater	131	4.6

Clearly, 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 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, 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 (38.5% having fewer than 30 A level students and 53.8% 30-59 students). Sixth form colleges, however, tend to be relatively large (85.9% have at least 240 A level students).

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

School Type	Less than 30	30-59	60-119	120-239	240 or greater
Academy (comprehensive)	21.0	24.5	35.8	17.7	1.0
Academy (secondary modern)	25.4	39.0	32.2	3.4	.
Academy (selective)	1.4	0.7	28.8	67.6	1.4
Comprehensive	17.4	31.0	36.0	14.5	1.0
FE / Tertiary College	31.2	15.6	21.4	14.9	16.9
Grammar	.	.	34.8	56.5	8.7
Independent	35.0	20.0	30.6	13.7	0.7
Secondary Modern	38.5	53.8	7.7	.	.
Sixth form college	1.1	.	2.2	10.9	85.9

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

School Ability Group	Less than 30	30-59	60-119	120-239	240 or greater
Group I	42.6	33.8	16.2	4.3	3.2
Group II	14.0	34.4	35.5	10.2	5.9
Group III	11.4	19.7	43.5	19.0	6.3
Group IV	9.4	16.8	39.7	26.6	7.4
Group V	15.1	13.8	34.1	35.6	1.5

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

School Deprivation Group	Less than 30	30-59	60-119	120-239	240 or greater
Group A	6.1	11.1	42.9	38.6	1.3
Group B	7.3	25.4	41.1	24.4	1.8
Group C	15.9	29.0	36.8	17.1	1.3
Group D	28.0	30.0	27.2	13.6	1.3
Group E	33.1	30.8	28.0	8.1	.

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

School Gender	Less than 30	30-59	60-119	120-239	240 or greater
Boys School	45.1	9.7	18.8	25.7	0.7
Girls School	34.5	21.2	33.9	10.4	.
Mixed School	19.4	23.6	32.8	18.8	5.5

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 87.8% of Academy schools (with a comprehensive admissions policy) had students taking Chemistry A level, compared with 100% of Grammar schools. Table 11 shows that 77.9% of schools in the lowest attainment group had students taking Chemistry, compared with 93.7% of schools in the highest attainment group.

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

Subject	Academy (comp)	Academy (mod)	Academy (sel)	Comp	FE\Ter	Gram	Indep	Sec Mod	Sixth Form
Accounting/Finance	5.6	8.5	4.3	3.9	29.9	0.0	7.5	3.8	47.8
Additional Mathematics	1.0	5.1	4.3	0.8	0.0	0.0	3.6	0.0	5.4
Ancient History	0.9	1.7	5.0	0.6	2.6	0.0	3.4	0.0	8.7
Anthropology	0.6	0.0	0.7	0.2	5.8	0.0	0.2	0.0	6.5
Arabic	9.7	8.5	8.6	10.7	5.2	0.0	6.3	0.0	26.1
Archaeology	0.2	0.0	0.0	0.2	7.1	0.0	0.2	0.0	19.6
Art & Design	33.6	32.2	32.4	33.7	21.4	30.4	27.2	34.6	38.0
Art & Design (3d Studies)	2.5	3.4	1.4	1.4	6.5	0.0	3.1	0.0	20.7
Art & Design (Critical Studies)	0.3	0.0	0.7	0.6	3.2	0.0	1.7	0.0	4.3
Art & Design (Fine Art)	49.5	42.4	68.3	51.7	46.8	82.6	56.9	42.3	81.5
Art & Design (Graphics)	12.2	18.6	6.5	10.1	33.1	13.0	9.6	3.8	68.5
Art & Design (Photography)	45.3	42.4	18.7	45.2	55.2	13.0	32.3	38.5	84.8
Art & Design (Textiles)	19.1	16.9	11.5	15.7	25.3	8.7	13.7	11.5	69.6
Bengali	1.1	0.0	0.0	2.1	0.6	0.0	0.2	0.0	0.0
Biology	89.7	74.6	98.6	91.9	78.6	100.0	86.5	76.9	100.0
Business Studies: Single	53.4	35.6	63.3	49.4	66.9	60.9	60.9	34.6	95.7
Chemistry	87.8	64.4	98.6	89.3	73.4	100.0	85.0	53.8	100.0
Chinese	9.7	13.6	27.3	11.4	7.8	43.5	48.7	0.0	38.0
Classical Civilisation	5.8	6.8	28.8	5.6	15.6	43.5	35.9	7.7	52.2
Classical Greek	0.2	0.0	5.0	0.2	0.6	8.7	13.7	0.0	0.0
Classics (General)	1.1	1.7	0.0	0.8	2.6	13.0	3.2	0.0	2.2
Communication Studies	2.9	6.8	2.2	1.0	22.7	0.0	0.7	3.8	22.8
Computer Studies/Computing	29.1	3.4	52.5	25.4	27.3	39.1	18.3	7.7	75.0
Creative Writing	6.9	11.9	4.3	7.2	20.1	0.0	3.9	3.8	23.9
Critical Thinking	1.0	0.0	4.3	0.4	0.0	0.0	1.0	0.0	8.7
D&T Food Technology	11.3	10.2	11.5	8.5	0.0	4.3	6.2	0.0	4.3
D&T Product Design	55.3	49.2	74.1	54.1	9.1	91.3	43.6	23.1	33.7
D&T Systems & Control	2.2	0.0	5.8	1.7	0.6	0.0	1.9	0.0	0.0
D&T Textiles Technology	11.2	5.1	12.9	11.6	0.0	17.4	4.8	0.0	2.2
Dance	12.3	13.6	6.5	12.4	15.6	0.0	3.9	3.8	50.0
Drama & Theatre Studies	49.8	35.6	58.3	53.3	31.8	52.2	57.3	23.1	82.6
Dutch	3.3	3.4	2.9	3.1	1.9	4.3	3.1	0.0	10.9
Economics	50.0	30.5	89.9	50.0	40.9	87.0	76.9	3.8	93.5
Electronics	1.9	0.0	5.8	1.2	5.8	0.0	2.6	0.0	27.2
English Language	40.4	20.3	36.7	43.4	57.1	13.0	20.5	23.1	89.1
English Language & Literature	28.0	25.4	21.6	26.0	52.6	26.1	5.6	11.5	77.2
English Literature	86.6	81.4	94.2	85.9	70.1	100.0	80.2	80.8	98.9
Environmental Science	1.8	1.7	2.9	1.9	13.0	0.0	0.9	0.0	18.5
Expressive Arts & Performance Studies	1.4	0.0	0.7	1.4	1.9	0.0	0.2	0.0	18.5
Film Studies	17.7	22.0	8.6	20.5	49.4	13.0	5.1	23.1	88.0
French	53.2	33.9	92.1	55.8	35.7	91.3	76.1	15.4	92.4
General Studies	15.5	6.8	40.3	16.5	4.5	34.8	8.5	11.5	26.1
Geography	78.2	71.2	98.6	80.8	53.2	95.7	79.3	50.0	96.7
Geology	3.0	1.7	12.2	2.9	13.6	0.0	3.1	3.8	35.9
German	32.4	8.5	74.8	26.6	14.3	78.3	50.6	3.8	69.6
Government & Politics	35.8	16.9	75.5	37.0	52.6	65.2	53.2	7.7	88.0
Gujarati	0.7	0.0	0.0	0.4	0.0	0.0	0.3	0.0	1.1
History	88.3	84.7	97.8	91.3	75.3	100.0	84.1	80.8	98.9
History of Art	0.3	1.7	2.2	0.6	2.6	0.0	15.4	0.0	7.6
Home Economics: Food	2.1	0.0	2.2	1.4	0.0	4.3	5.5	0.0	2.2
Humanities: Single	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Information & Communications Technology	27.1	18.6	30.2	22.7	32.5	21.7	18.3	7.7	52.2
Italian	11.0	11.9	13.7	12.2	8.4	13.0	18.6	3.8	40.2
Japanese	2.6	3.4	14.4	3.1	1.3	17.4	12.1	0.0	9.8

Subject	Academy (comp)	Academy (mod)	Academy (sel)	Comp	FE\Ter	Gram	Indep	Sec Mod	Sixth Form
Latin	2.4	.	25.9	1.0	1.3	26.1	39.3	0.0	6.5
Law	23.7	27.1	7.9	25.4	60.4	13.0	6.0	15.4	88.0
Logic/ Philosophy	4.7	3.4	10.8	6.4	12.3	4.3	9.7	0.0	45.7
Mathematics	93.5	83.1	99.3	94.6	83.8	100.0	92.1	96.2	100.0
Mathematics (Further)	65.6	23.7	96.4	62.0	46.1	100.0	73.8	30.8	97.8
Mathematics (Pure)	0.3	1.7	0.0	0.4	1.3	0.0	1.0	0.0	0.0
Mathematics (Statistics)	1.0	0.0	2.2	1.0	1.9	0.0	1.5	0.0	21.7
Media/Film/Tv Studies	53.0	62.7	27.3	58.1	67.5	30.4	12.5	57.7	91.3
Modern Greek	2.9	5.1	2.9	3.1	1.9	13.0	2.4	0.0	10.9
Modern Hebrew	0.7	0.0	0.0	0.8	0.0	0.0	1.0	0.0	1.1
Music	37.5	8.5	76.3	35.7	18.2	82.6	58.3	0.0	72.8
Music Technology	15.5	8.5	11.5	13.8	10.4	17.4	13.0	3.8	50.0
Other Classical Languages	0.2	0.0	0.0	0.4	0.0	0.0	0.7	0.0	0.0
Persian	3.5	1.7	2.9	3.7	2.6	4.3	3.1	0.0	8.7
Physical Education/Sports Studies	55.6	27.1	79.1	49.0	22.1	82.6	49.7	15.4	80.4
Physics	84.7	50.8	98.6	84.9	70.1	100.0	83.6	46.2	98.9
Polish	19.6	22.0	15.1	21.7	14.9	8.7	4.8	3.8	47.8
Portuguese	8.5	13.6	2.2	11.4	3.9	0.0	3.9	7.7	27.2
Psychology	87.6	84.7	83.5	88.6	81.8	87.0	63.8	73.1	100.0
Punjabi	2.8	3.4	2.9	4.3	1.9	0.0	0.7	7.7	5.4
Religious Studies	60.7	49.2	80.6	66.1	32.5	91.3	64.8	46.2	81.5
Russian	9.0	3.4	17.3	8.1	7.8	21.7	39.5	3.8	26.1
Science in Society	0.2	1.7	0.7	0.4	0.6	0.0	0.0	0.0	1.1
Social Science: Citizenship	2.0	0.0	0.0	2.7	4.5	0.0	0.0	0.0	9.8
Sociology	71.3	71.2	41.7	75.2	81.8	56.5	13.5	65.4	97.8
Spanish	45.0	30.5	78.4	48.8	29.9	69.6	67.2	15.4	90.2
Turkish	8.5	8.5	5.0	8.5	1.9	13.0	4.1	0.0	16.3
Urdu	3.9	5.1	4.3	6.0	0.6	0.0	2.1	3.8	7.6
Use of Mathematics	1.9	0.0	0.0	0.6	5.8	0.0	0.2	0.0	44.6
Welsh (Second Language)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
World Development	1.2	0.0	1.4	1.6	5.2	0.0	0.5	0.0	10.9

Table 11: 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	9.5	9.6	10.5	9.8	3.9
Additional Mathematics	0.0	1.1	1.1	1.7	5.6
Ancient History	0.2	1.5	2.6	1.5	4.3
Anthropology	1.3	1.1	0.9	1.1	0.4
Arabic	9.1	11.6	10.3	7.4	7.8
Archaeology	0.7	1.5	1.8	2.0	0.2
Art & Design	29.0	32.9	38.9	33.3	30.7
Art & Design (3d Studies)	2.8	3.9	3.9	3.7	2.2
Art & Design (Critical Studies)	0.7	0.7	0.4	1.5	1.7
Art & Design (Fine Art)	40.1	57.3	57.4	61.7	60.9
Art & Design (Graphics)	13.2	15.9	18.6	15.5	9.5
Art & Design (Photography)	38.8	48.4	53.1	51.2	30.5
Art & Design (Textiles)	12.6	24.6	23.1	23.1	14.2
Bengali	1.3	1.7	1.3	0.4	0.2
Biology	84.0	95.4	97.2	97.0	92.7
Business Studies: Single	48.1	58.2	66.2	67.3	54.2
Chemistry	77.9	91.5	95.4	96.7	93.7
Chinese	8.2	14.6	18.1	21.6	41.3
Classical Civilisation	5.0	9.2	11.8	16.1	38.9
Classical Greek	0.0	0.4	0.4	0.7	16.0
Classics (General)	0.7	1.3	1.5	2.0	3.0
Communication Studies	6.1	5.5	3.7	3.5	1.1
Computer Studies/Computing	17.8	28.8	34.3	36.2	29.6
Creative Writing	9.7	10.7	8.7	6.7	3.4
Critical Thinking	0.6	1.3	1.5	0.9	2.2
D&T Food Technology	4.8	7.8	10.7	15.3	6.9
D&T Product Design	36.2	50.8	55.0	64.5	55.7
D&T Systems & Control	0.2	1.3	2.4	4.1	2.4
D&T Textiles Technology	3.0	9.4	10.7	14.2	9.7
Dance	7.2	14.0	18.3	14.6	6.3
Drama & Theatre Studies	29.9	51.9	63.8	63.0	63.3
Dutch	2.2	3.9	4.2	3.5	3.4
Economics	33.8	52.1	63.1	71.7	83.1
Electronics	1.9	1.7	3.5	5.0	3.5
English Language	31.6	42.0	48.3	49.9	28.1
English Language & Literature	31.2	31.6	29.9	25.1	13.2
English Literature	75.7	90.6	93.9	94.5	88.3
Environmental Science	1.9	3.5	3.5	4.6	0.9
Expressive Arts & Performance Studies	1.3	1.7	3.3	1.7	0.6
Film Studies	19.1	27.5	25.3	22.2	6.5
French	27.9	53.8	69.6	79.9	83.2
General Studies	7.6	14.6	18.3	22.6	16.2
Geography	59.3	81.9	90.0	93.0	89.4
Geology	2.2	4.8	5.2	7.8	6.5
German	14.9	27.2	39.5	49.9	62.4
Government & Politics	27.3	42.7	50.2	49.7	59.2
Gujarati	0.6	0.4	0.7	0.6	0.4
History	82.5	93.5	95.2	96.9	91.8
History of Art	0.2	0.7	2.6	3.7	13.6
Home Economics: Food	0.6	0.9	2.8	4.8	4.1
Humanities: Single	0.2	0.0	0.0	0.0	0.0
Information & Communications Technology	21.7	32.2	33.6	29.8	15.8
Italian	11.2	13.1	14.6	13.7	19.0
Japanese	0.7	2.6	5.5	5.0	14.9

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	0.6	1.7	3.0	8.9	44.5
Law	29.9	32.9	30.1	25.7	5.0
Logic/ Philosophy	5.6	7.4	7.6	11.3	10.1
Mathematics	91.4	96.7	98.7	98.5	98.1
Mathematics (Further)	36.1	63.6	76.9	85.4	91.1
Mathematics (Pure)	0.7	0.2	0.7	0.2	0.7
Mathematics (Statistics)	1.5	1.8	3.0	2.4	1.1
Media/Film/Tv Studies	49.6	63.2	61.1	50.1	18.2
Modern Greek	1.1	3.7	3.7	3.3	4.3
Modern Hebrew	0.6	0.4	0.4	0.2	1.9
Music	13.4	34.9	47.2	59.1	70.4
Music Technology	7.4	17.7	18.5	22.9	12.3
Other Classical Languages	0.2	0.0	0.0	0.2	0.7
Persian	3.2	3.5	4.4	3.3	3.5
Physical Education/Sports Studies	29.2	50.8	63.8	73.6	58.3
Physics	71.2	86.3	92.8	94.8	93.3
Polish	18.0	20.5	18.6	19.8	11.0
Portuguese	11.2	9.8	10.7	7.4	3.5
Psychology	82.3	92.8	92.1	91.5	72.1
Punjabi	3.2	3.9	4.1	1.8	0.9
Religious Studies	46.5	62.1	69.4	73.8	76.0
Russian	8.2	10.7	12.7	16.3	35.2
Science in Society	0.4	0.2	0.4	0.6	0.2
Social Science: Citizenship	4.3	2.6	2.0	1.1	0.2
Sociology	68.6	78.2	72.3	66.4	27.0
Spanish	23.4	46.2	59.2	67.7	76.0
Turkish	7.4	8.7	7.0	7.6	6.1
Urdu	5.4	5.5	4.1	1.5	2.2
Use of Mathematics	1.7	4.6	5.0	2.6	0.4
Welsh (Second Language)	0.0	0.2	0.0	0.0	0.0
World Development	1.7	2.4	1.7	2.2	0.6

Table 12: 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	4.3	4.3	5.0	4.3	7.3
Additional Mathematics	1.3	1.0	1.0	1.8	1.3
Ancient History	2.0	2.5	0.3	0.5	0.3
Anthropology	0.0	1.0	0.5	0.5	0.5
Arabic	3.3	5.3	6.5	8.1	24.2
Archaeology	0.3	0.3	0.5	0.0	0.0
Art & Design	33.8	31.0	34.8	33.0	35.9
Art & Design (3d Studies)	1.8	2.3	2.0	2.5	2.0
Art & Design (Critical Studies)	0.5	0.8	0.3	0.0	0.3
Art & Design (Fine Art)	62.6	62.2	52.4	49.1	33.3
Art & Design (Graphics)	15.7	12.6	10.8	9.1	9.1
Art & Design (Photography)	48.5	48.4	50.9	38.3	30.3
Art & Design (Textiles)	22.0	20.2	18.1	15.9	11.6
Bengali	0.0	0.3	0.3	0.5	5.3
Biology	95.7	95.2	91.7	87.9	85.6
Business Studies: Single	67.7	60.5	52.6	44.8	38.4
Chemistry	95.2	92.7	89.9	82.4	82.8
Chinese	13.9	11.6	9.8	11.8	10.9
Classical Civilisation	10.1	9.6	8.6	6.5	4.3
Classical Greek	1.0	0.5	0.8	0.5	0.5
Classics (General)	0.5	1.8	1.5	0.8	1.0
Communication Studies	3.5	3.3	2.0	2.8	0.8
Computer Studies/Computing	38.1	36.8	31.7	20.9	17.9
Creative Writing	7.6	7.8	7.6	5.8	5.8
Critical Thinking	1.3	1.0	0.8	1.8	0.3
D&T Food Technology	18.7	16.4	11.1	4.5	1.5
D&T Product Design	76.8	69.3	62.0	45.8	29.8
D&T Systems & Control	4.3	3.0	3.0	0.8	0.0
D&T Textiles Technology	18.9	15.9	11.6	7.1	3.0
Dance	14.6	14.6	13.1	11.1	5.8
Drama & Theatre Studies	74.7	62.2	47.9	39.8	30.6
Dutch	2.0	3.0	2.0	1.8	7.1
Economics	71.7	55.7	48.4	39.3	47.2
Electronics	3.0	2.5	1.8	1.0	0.8
English Language	55.8	48.9	42.8	35.8	17.7
English Language & Literature	27.0	33.0	30.0	26.2	18.4
English Literature	94.9	92.7	88.7	81.9	79.8
Environmental Science	4.5	2.8	1.8	0.0	0.0
Expressive Arts & Performance Studies	1.0	1.8	1.5	1.8	0.3
Film Studies	17.7	20.4	21.2	18.1	13.1
French	81.1	65.2	53.9	42.8	38.6
General Studies	30.6	23.7	18.1	11.8	3.5
Geography	95.7	92.7	84.4	72.3	58.1
Geology	7.6	6.5	2.3	1.0	0.3
German	58.8	38.3	30.5	24.4	15.7
Government & Politics	47.2	41.8	37.8	30.5	35.9
Gujarati	0.0	0.5	0.3	0.3	1.8
History	96.5	94.5	91.9	87.4	82.3
History of Art	0.8	0.3	0.8	0.5	0.5
Home Economics: Food	5.1	2.8	1.0	0.5	0.0
Information & Communications Technology	29.0	28.5	27.2	21.9	22.5
Italian	9.3	8.8	9.3	15.1	15.2
Japanese	5.1	3.0	4.8	3.5	2.0
Latin	7.3	4.8	3.5	2.8	1.0

Subject	Group A	Group B	Group C	Group D	Group E
Law	21.7	27.0	24.2	23.7	18.2
Logic/ Philosophy	7.3	4.5	4.0	4.3	7.1
Mathematics	97.7	97.0	96.0	92.9	89.1
Mathematics (Further)	86.4	77.8	68.0	51.6	46.2
Mathematics (Pure)	0.8	.	0.3	0.5	0.3
Mathematics (Statistics)	2.0	1.3	1.0	0.8	0.3
Media/Film/Tv Studies	58.3	54.9	56.9	49.9	45.2
Modern Greek	2.0	3.0	3.3	5.0	2.3
Modern Hebrew	0.3	1.3	0.8	0.3	0.5
Music	62.6	53.4	38.3	28.2	13.9
Music Technology	24.0	18.1	12.8	10.3	7.6
Other Classical Languages	0.0	0.3	0.3	0.3	0.0
Persian	1.0	1.8	1.8	4.5	8.3
Physical Education/Sports Studies	84.8	74.6	57.2	40.1	18.9
Physics	93.9	93.2	88.2	76.8	73.0
Polish	11.6	15.4	19.1	22.9	28.0
Portuguese	4.3	4.8	4.8	9.3	21.2
Psychology	91.7	92.2	88.4	85.9	81.3
Punjabi	0.3	1.5	2.8	3.8	7.8
Religious Studies	75.0	70.5	62.5	58.4	53.5
Russian	8.6	7.6	9.8	9.8	10.9
Science in Society	0.5	0.5	0.8	0.0	0.0
Social Science: Citizenship	0.8	1.3	2.3	2.5	3.0
Sociology	67.4	72.3	70.3	70.0	73.2
Spanish	61.6	55.2	46.6	37.0	40.4
Turkish	3.0	5.0	5.3	8.1	18.7
Urdu	0.5	3.0	1.5	4.3	12.4
Use of Mathematics	1.3	2.3	1.5	0.8	0.8
Welsh (Second Language)	0.0	0.0	0.3	0.0	0.0
World Development	1.5	2.0	0.3	1.8	0.8

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

Subject	Boys	Girls	Mixed
Accounting/Finance	0.7	1.9	9.6
Additional Mathematics	4.9	0.0	1.8
Ancient History	5.6	1.0	1.8
Anthropology	0.0	0.0	1.1
Arabic	8.3	10.2	9.0
Archaeology	0.0	0.0	1.4
Art & Design	19.4	29.5	32.6
Art & Design (3d Studies)	0.0	1.9	3.5
Art & Design (Critical Studies)	0.7	1.0	1.0
Art & Design (Fine Art)	39.6	49.2	54.6
Art & Design (Graphics)	8.3	6.7	15.3
Art & Design (Photography)	14.6	29.2	46.2
Art & Design (Textiles)	1.4	19.4	19.7
Bengali	2.1	0.3	1.0
Biology	60.4	81.6	91.9
Business Studies: Single	32.6	45.7	59.1
Chemistry	67.4	78.7	89.1
Chinese	16.0	32.1	18.5
Classical Civilisation	15.3	34.0	13.0
Classical Greek	11.1	7.9	2.2
Classics (General)	0.7	1.9	1.7
Communication Studies	1.4	1.0	4.4
Computer Studies/Computing	31.9	8.6	30.4
Creative Writing	2.8	4.8	8.2
Critical Thinking	0.7	1.6	1.2
D&T Food Technology	0.7	9.2	9.1
D&T Product Design	40.3	24.1	54.3
D&T Systems & Control	3.5	0.3	2.1
D&T Textiles Technology	0.0	12.1	9.1
Dance	1.4	7.6	12.7
Drama & Theatre Studies	30.6	56.8	52.6
Dutch	1.4	1.6	3.7
Economics	54.9	60.0	57.7
Electronics	5.6	0.0	3.2
English Language	18.8	22.2	41.6
English Language & Literature	11.1	12.1	28.0
English Literature	52.1	79.7	87.6
Environmental Science	0.0	1.0	3.2
Expressive Arts & Performance Studies	0.7	0.3	1.8
Film Studies	3.5	6.0	22.0
French	45.8	67.3	60.0
General Studies	13.2	11.4	15.8
Geography	56.3	72.1	81.0
Geology	4.2	1.3	5.6
German	38.9	39.7	36.5
Government & Politics	47.2	46.3	43.2
Gujarati	0.0	0.0	0.6
History	61.1	78.7	90.8
History of Art	2.1	15.2	2.6
Home Economics: Food	0.7	7.3	2.0
Humanities: Single	0.0	0.0	0.0
Information & Communications Technology	8.3	19.7	27.1
Italian	13.2	15.6	13.5
Japanese	7.6	10.8	4.7

Subject	Boys	Girls	Mixed
Latin	24.3	29.5	7.9
Law	6.3	7.3	26.7
Logic/ Philosophy	8.3	3.5	8.6
Mathematics	72.9	81.9	95.8
Mathematics (Further)	54.9	61.0	68.7
Mathematics (Pure)	0.0	0.3	0.6
Mathematics (Statistics)	1.4	0.6	2.1
Media/Film/Tv Studies	14.6	20.3	51.7
Modern Greek	4.9	3.2	3.0
Modern Hebrew	0.7	1.0	0.7
Music	43.1	49.5	42.0
Music Technology	11.1	3.5	16.8
Other Classical Languages	0.7	1.3	0.1
Persian	1.4	3.5	3.6
Physical Education/Sports Studies	38.2	38.1	55.4
Physics	65.3	71.1	86.6
Polish	11.1	12.1	18.1
Portuguese	3.5	3.8	9.0
Psychology	42.4	74.0	86.0
Punjabi	1.4	1.3	2.9
Religious Studies	44.4	69.8	62.6
Russian	18.1	18.1	15.6
Science in Society	0.0	0.6	0.3
Social Science: Citizenship	0.0	0.3	2.3
Sociology	16.0	33.7	66.0
Spanish	40.3	61.3	51.6
Turkish	3.5	7.6	7.4
Urdu	5.6	6.0	3.4
Use of Mathematics	0.7	0.0	3.2
Welsh (Second Language)	0.0	0.0	0.0
World Development	2.1	1.0	1.7

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

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Accounting/Finance	4.3	5.9	6.2	9.1	51.1
Additional Mathematics	0.2	0.6	2.0	4.4	3.8
Ancient History	0.2	0.8	1.1	4.4	11.5
Anthropology	0.2	0.5	0.7	1.4	6.9
Arabic	5.5	8.7	9.1	9.9	25.2
Archaeology	0.2	0.3	0.2	0.0	22.1
Art & Design	17.8	33.3	37.1	34.6	39.7
Art & Design (3d Studies)	0.9	2.6	2.4	4.4	16.0
Art & Design (Critical Studies)	0.3	0.8	0.8	1.2	5.3
Art & Design (Fine Art)	25.0	51.6	61.8	67.1	83.2
Art & Design (Graphics)	6.5	10.0	14.1	15.1	65.6
Art & Design (Photography)	20.8	44.8	47.3	48.4	84.0
Art & Design (Textiles)	6.5	15.1	19.6	25.1	64.9
Bengali	0.9	1.1	0.8	1.4	0.0
Biology	58.0	95.5	98.9	99.4	99.2
Business Studies: Single	26.9	50.5	66.5	71.6	93.9
Chemistry	51.3	91.9	98.5	99.8	100.0
Chinese	10.7	16.8	21.4	27.7	38.2
Classical Civilisation	3.6	8.7	18.7	24.6	46.6
Classical Greek	0.2	0.8	3.6	10.1	2.3
Classics (General)	0.8	0.6	2.3	2.3	3.8
Communication Studies	1.1	3.1	2.4	5.4	24.4
Computer Studies/Computing	6.1	16.6	32.2	48.4	80.9
Creative Writing	4.1	7.5	7.4	7.7	23.7
Critical Thinking	0.3	0.0	1.2	2.3	7.6
D&T Food Technology	2.5	5.1	10.7	17.2	8.4
D&T Product Design	15.3	42.5	65.6	76.4	45.8
D&T Systems & Control	0.0	1.1	2.4	5.0	0.8
D&T Textiles Technology	1.4	5.8	11.8	17.0	9.2
Dance	2.7	7.2	11.8	16.8	53.4
Drama & Theatre Studies	12.8	41.8	66.1	78.3	87.8
Dutch	1.6	2.8	2.8	4.6	13.0
Economics	20.9	44.3	69.7	89.0	96.2
Electronics	0.6	0.6	2.1	4.6	26.0
English Language	17.6	33.6	43.4	47.8	87.8
English Language & Literature	14.2	23.0	24.8	31.1	72.5
English Literature	52.8	86.9	96.6	97.3	98.5
Environmental Science	0.5	1.1	3.0	2.9	20.6
Expressive Arts & Performance Studies	0.3	0.5	1.4	1.7	14.5
Film Studies	5.5	14.3	21.6	22.8	80.2
French	23.1	42.1	74.5	92.5	98.5
General Studies	3.3	9.5	19.7	26.1	25.2
Geography	35.4	79.6	94.4	98.1	98.5
Geology	0.0	1.9	3.8	9.1	37.4
German	10.1	21.8	45.1	64.8	74.8
Government & Politics	12.9	30.2	52.1	71.6	90.8
Gujarati	0.5	0.3	0.3	0.6	2.3
History	54.2	94.7	98.7	98.8	100.0
History of Art	2.2	2.5	4.7	5.4	8.4
Home Economics: Food	0.9	2.3	3.1	3.5	3.1
Humanities: Single	0.0	0.0	0.1	0.0	0.0
Information & Communications Technology	10.9	20.5	30.9	30.4	60.3
Italian	4.6	9.3	15.8	20.9	36.6
Japanese	0.6	3.0	7.4	9.5	12.2

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Latin	2.0	5.3	13.9	25.0	9.2
Law	10.9	22.7	23.6	25.1	81.7
Logic/ Philosophy	2.0	4.5	5.4	14.1	48.1
Mathematics	71.3	98.3	99.3	100.0	100.0
Mathematics (Further)	23.8	55.8	83.9	96.7	98.5
Mathematics (Pure)	0.2	0.6	0.8	0.6	0.0
Mathematics (Statistics)	0.5	0.8	1.4	1.7	17.6
Media/Film/Tv Studies	20.3	47.9	53.9	52.4	87.8
Modern Greek	1.1	2.5	2.5	5.2	12.2
Modern Hebrew	0.9	0.5	0.5	0.4	3.1
Music	11.0	26.4	53.1	74.3	81.7
Music Technology	1.7	9.3	17.3	25.3	51.1
Other Classical Languages	0.9	0.2	0.1	0.0	0.0
Persian	1.3	2.0	3.9	6.2	7.6
Physical Education/Sports Studies	13.5	41.8	67.7	79.5	81.7
Physics	45.7	87.1	96.7	99.4	100.0
Polish	7.9	16.6	17.7	21.1	43.5
Portuguese	3.3	9.2	9.2	7.4	22.9
Psychology	53.7	89.7	92.0	87.6	97.7
Punjabi	0.8	3.3	3.3	2.9	3.8
Religious Studies	24.3	56.9	77.8	83.9	82.4
Russian	6.0	12.3	17.8	26.5	27.5
Science in Society	0.0	0.0	0.8	0.0	1.5
Social Science: Citizenship	1.1	1.2	2.1	2.1	7.6
Sociology	34.2	63.5	67.0	65.2	94.7
Spanish	15.1	39.8	64.8	79.9	92.4
Turkish	2.8	5.9	8.8	9.5	16.0
Urdu	3.5	4.2	2.8	4.6	7.6
Use of Mathematics	0.5	0.6	1.3	2.5	34.4
Welsh (Second Language)	0.0	0.2	0.0	0.0	0.0
World Development	0.5	1.1	0.9	1.7	14.5