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Provision of GCE A level subjects 2017

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Introduction

This report looks at the provision of A level subjects in England in 2017. 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.

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 in schools with students taking A levels in 2017. Provision of applied A level subjects and other qualifications (e.g. Pre-U, International Baccalaureate) was not investigated.

In this report the level of provision is presented by different school classifications: school type, school attainment, school gender, school size and school deprivation level. However, it should be noted that the analysis is at the simplest level and takes no account of interactions between these classifications. For instance, Table 13 of this report shows that provision in single sex schools was generally lower than in mixed sex schools. This can partly be attributed to the fact that single sex schools tend to be smaller than mixed sex schools (see Table 9).

Results

Tables 1 to 5 present the distribution of schools within each of the different school classifications. The total number of schools is not identical in each table, due to small amounts of missing data within each classification.

School Type

Students study A levels at several different types of school. These were classified into nine groups¹: Academy (Comprehensive); Academy (Modern); Academy (Selective); Comprehensive; Further Education (FE) College; Grammar; Independent; Secondary Modern; Sixth Form College. Table 1 presents the number and percentage of each school type.

¹ The categories combine school type and selection policy, and were derived from Get Information About Schools service (formerly known as Edubase), the Department for Education's register of educational establishments in England and Wales, available at <https://get-information-schools.service.gov.uk/>. For further information, see Statistics Report No. 113 (Gill, 2017).

Table 1: School type

School Type	Number of Schools	Percentage
Academy (comprehensive)	1265	44.9
Academy (secondary modern)	55	2.0
Academy (selective)	138	4.9
Comprehensive	500	17.7
FE / Tertiary College	141	5.0
Grammar	23	0.8
Independent	578	20.5
Secondary Modern	23	0.8
Sixth form college	93	3.3

It should be noted that schools which did not offer A levels in 2017 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	536	80.0	245.5	220.5
	Group II	537	245.7	265.7	256.5
	Group III	529	265.7	280.0	272.5
	Group IV	543	280.0	300.0	288.8
	Group V	538	300.0	400.0	322.3

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 implications for provision and teaching.

Deprivation level of schools

The level of deprivation that a student experiences was inferred using a government index, based on home postcode. The Income Deprivation Affecting Children Index (IDACI) measures the proportion of children in a very small geographical area (Lower Layer Super Output Area or

LSOA) living in low income families². For each 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 actually is). A school level deprivation measure was calculated as the mean IDACI score of the students attending it.

The student level IDACI score is included as a variable in the NPD. However, it should be noted that there was a significant amount of missing data for this measure. Therefore, only schools for which more than 50% of students had an IDACI score were included in the calculation.

Schools were divided up into five equal groups according to their 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	395	0.04	0.10	0.08
	Group B	395	0.10	0.14	0.12
	Group C	395	0.14	0.18	0.16
	Group D	395	0.18	0.25	0.21
	Group E	395	0.25	0.58	0.32

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	136	4.8
Girls	318	11.3
Mixed	2367	83.9

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).

² For further information on IDACI calculation, including definitions of children, families, and income deprivation, see <https://www.gov.uk/government/publications/english-indices-of-deprivation-2015-technical-report>

Table 5: School size

School Size	Number of Schools	Percentage
Less than 30	632	22.4
30-59	634	22.5
60-119	919	32.6
120-239	512	18.1
240 or greater	125	4.4

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 (43.5% having fewer than 30 A level students and 43.58% 30-59 students). Sixth form colleges, however, tend to be relatively large (84.9% 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	24.3	36.4	16.8	1.3
Academy (secondary modern)	20.0	41.8	36.4	1.8	.
Academy (selective)	0.7	0.7	26.8	70.3	1.4
Comprehensive	20.2	28.5	37.3	13.4	0.6
FE / Tertiary College	31.2	14.9	21.3	17.7	14.9
Grammar	.	4.3	30.4	60.9	4.3
Independent	32.7	22.0	29.9	15.1	0.3
Secondary Modern	43.5	43.5	13.0	.	.
Sixth form college	4.3	.	2.2	8.6	84.9

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	35.1	40.9	17.8	3.8	2.4
Group II	17.7	26.1	40.8	9.7	5.8
Group III	12.1	22.3	40.8	18.9	5.9
Group IV	13.3	17.3	36.8	24.9	7.7
Group V	13.3	11.8	35.1	38.3	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	5.8	9.4	44.1	39.5	1.3
Group B	11.1	20.3	42.3	23.8	2.5
Group C	18.0	26.1	37.0	18.2	0.8
Group D	21.5	31.1	33.2	12.9	1.3
Group E	35.4	35.7	24.1	4.8	.

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	48.5	6.6	17.6	27.2	.
Girls School	36.5	20.8	32.4	10.4	.
Mixed School	19.0	23.6	33.5	18.7	5.3

In Tables 10 to 14 on the following pages the provision of individual subjects is presented by the school classifications outlined in Tables 1 to 5. For example, Table 10 shows that 87.3% of Academy schools (with a comprehensive admissions policy) had students taking Chemistry A level, compared with 100% of Grammar schools. Table 11 shows that 81.2% of schools in the lowest attainment group had students taking Chemistry, compared with 93.8% 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	5.0	9.1	2.9	4.2	27.7	0.0	8.1	4.3	36.6
Additional Mathematics	1.0	0.0	4.3	0.6	1.4	4.3	2.6	0.0	4.3
Ancient History	0.8	1.8	4.3	0.6	2.8	0.0	4.0	0.0	8.6
Anthropology	0.2	0.0	0.0	0.2	4.3	0.0	0.3	0.0	3.2
Arabic	9.2	10.9	10.1	9.6	3.5	0.0	8.0	0.0	34.4
Archaeology	0.2	0.0	0.0	0.2	7.1	0.0	0.2	0.0	15.1
Art & Design	28.3	34.5	29.0	30.0	17.7	34.8	23.2	30.4	30.1
Art & Design (3d Studies)	3.0	3.6	0.7	1.2	7.8	0.0	4.3	4.3	22.6
Art & Design (Critical Studies)	0.3	0.0	0.7	0.4	2.8	0.0	1.2	0.0	5.4
Art & Design (Fine Art)	53.3	49.1	70.3	54.2	48.9	78.3	60.0	34.8	76.3
Art & Design (Graphics)	11.6	20.0	7.2	12.4	30.5	8.7	10.4	4.3	64.5
Art & Design (Photography)	43.8	49.1	19.6	44.6	56.7	17.4	32.4	43.5	84.9
Art & Design (Textiles)	18.3	25.5	8.7	14.6	24.8	8.7	16.8	13.0	63.4
Bengali	1.1	0.0	0.7	2.0	2.1	0.0	0.0	0.0	0.0
Biology	89.6	83.6	99.3	92.4	77.3	100.0	85.5	73.9	98.9
Business Studies: Single	56.4	45.5	63.8	53.6	68.8	47.8	60.9	34.8	94.6
Chemistry	87.3	65.5	99.3	88.6	70.9	100.0	86.0	65.2	97.8
Chinese	8.1	5.5	20.3	9.0	13.5	26.1	50.3	8.7	33.3
Classical Civilisation	5.5	9.1	23.9	5.2	14.2	43.5	36.7	4.3	45.2
Classical Greek	0.1	0.0	3.6	0.2	0.0	4.3	14.2	0.0	0.0
Classics (General)	1.1	3.6	0.7	0.8	2.1	4.3	3.8	0.0	1.1
Communication Studies	2.0	9.1	2.2	0.6	24.1	0.0	0.3	0.0	19.4
Computer Studies/Computing	37.9	14.5	63.8	33.0	34.8	43.5	23.5	4.3	77.4
Creative Writing	7.5	10.9	7.2	7.6	22.7	4.3	4.2	0.0	23.7
Critical Thinking	0.6	0.0	2.2	0.4	0.0	0.0	0.3	0.0	3.2
D&T Food Technology	10.5	12.7	9.4	7.2	0.0	4.3	6.2	0.0	4.3
D&T Product Design	52.4	40.0	68.1	53.2	9.2	78.3	43.3	8.7	25.8
D&T Systems & Control	1.7	0.0	5.8	1.6	0.7	4.3	1.9	0.0	0.0
D&T Textiles Technology	8.5	7.3	10.9	10.6	0.0	17.4	4.8	0.0	1.1
Dance	11.5	14.5	7.2	10.8	14.2	0.0	3.3	4.3	38.7
Drama & Theatre Studies	48.9	34.5	57.2	48.2	30.5	52.2	57.3	8.7	80.6
Dutch	3.2	1.8	2.2	2.4	2.1	8.7	4.0	0.0	16.1
Economics	48.8	38.2	89.9	50.4	42.6	82.6	77.0	13.0	90.3
Electronics	1.7	0.0	5.1	1.0	6.4	4.3	2.1	0.0	23.7
English Language	38.7	27.3	35.5	43.2	58.9	8.7	19.0	17.4	86.0
English Language & Literature	23.7	23.6	17.4	22.2	48.2	17.4	5.7	8.7	71.0
English Literature	85.2	89.1	94.2	85.6	70.9	100.0	77.9	91.3	97.8
Environmental Science	1.6	0.0	0.7	1.4	12.8	0.0	0.2	0.0	16.1
Expressive Arts & Performance Studies	0.9	0.0	0.0	1.2	0.7	0.0	0.2	0.0	14.0
Film Studies	16.5	16.4	9.4	18.0	48.9	13.0	4.8	17.4	80.6
French	51.0	29.1	92.8	53.0	32.6	87.0	70.2	13.0	84.9
General Studies	11.1	3.6	31.2	12.0	2.1	26.1	6.2	8.7	17.2
Geography	77.8	69.1	98.6	80.4	55.3	100.0	79.1	56.5	93.5
Geology	2.8	1.8	10.1	3.0	14.9	0.0	3.3	4.3	33.3
German	29.0	10.9	68.8	25.4	14.2	60.9	52.6	8.7	63.4
Government & Politics	36.4	21.8	74.6	39.8	51.8	65.2	52.4	13.0	86.0
Gujarati	0.6	0.0	0.7	0.2	0.7	0.0	0.0	0.0	0.0
History	87.9	85.5	97.1	88.6	74.5	95.7	80.8	73.9	96.8
History of Art	0.3	0.0	0.7	0.6	2.1	0.0	15.6	0.0	6.5
Home Economics: Food	1.7	1.8	2.9	1.4	0.0	4.3	4.5	0.0	1.1
Information & Communications Technology	22.5	9.1	23.9	20.0	29.8	30.4	14.9	4.3	46.2
Italian	13.7	9.1	8.7	16.4	9.9	13.0	14.7	0.0	35.5
Japanese	3.0	5.5	10.9	2.2	2.8	8.7	13.1	0.0	4.3
Latin	1.9	0.0	19.6	2.0	0.7	34.8	40.1	0.0	5.4

Subject	Academy (comp)	Academy (mod)	Academy (sel)	Comp	FE\Ter	Gram	Indep	Sec Mod	Sixth Form
Law	22.0	27.3	8.7	21.6	61.0	13.0	5.2	13.0	86.0
Logic/ Philosophy	4.0	1.8	11.6	6.2	9.9	4.3	9.7	0.0	44.1
Mathematics	94.2	87.3	99.3	93.0	83.7	100.0	94.1	91.3	98.9
Mathematics (Further)	64.3	27.3	99.3	62.2	54.6	100.0	73.5	17.4	93.5
Mathematics (Pure)	0.4	1.8	0.0	0.0	0.7	0.0	0.3	0.0	0.0
Mathematics (Statistics)	1.5	3.6	0.7	0.4	1.4	0.0	1.6	0.0	21.5
Media/Film/Tv Studies	51.0	65.5	26.1	57.0	64.5	30.4	11.2	52.2	87.1
Modern Greek	3.5	5.5	2.2	3.8	1.4	4.3	1.9	8.7	6.5
Modern Hebrew	0.3	0.0	0.0	1.0	0.0	0.0	1.2	0.0	1.1
Music	36.0	9.1	75.4	32.2	17.7	65.2	57.4	4.3	66.7
Music Technology	12.0	3.6	8.7	12.4	10.6	13.0	12.5	0.0	44.1
Other Classical Languages	0.2	0.0	0.0	0.4	0.7	0.0	0.3	0.0	0.0
Persian	3.7	0.0	0.7	2.8	3.5	4.3	3.5	4.3	7.5
Physical Education/Sports Studies	52.3	34.5	72.5	48.2	21.3	69.6	48.8	21.7	69.9
Physics	84.9	54.5	99.3	85.0	69.5	100.0	82.4	56.5	98.9
Polish	17.5	23.6	13.8	21.6	17.7	8.7	5.7	8.7	47.3
Portuguese	8.7	10.9	1.4	10.4	3.5	0.0	3.8	0.0	33.3
Psychology	86.6	89.1	82.6	87.4	77.3	78.3	64.5	73.9	100.0
Punjabi	2.8	3.6	2.9	3.6	2.1	4.3	0.9	4.3	1.1
Religious Studies	60.3	52.7	81.2	64.6	34.0	91.3	65.1	52.2	76.3
Russian	9.2	14.5	18.8	8.2	4.3	26.1	38.6	4.3	23.7
Science in Society	0.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.1
Social Science: Citizenship	1.6	0.0	0.0	1.6	2.8	0.0	0.3	0.0	8.6
Sociology	70.8	70.9	42.8	72.6	75.9	56.5	12.1	56.5	95.7
Spanish	45.1	25.5	76.8	46.0	28.4	56.5	68.5	13.0	83.9
Turkish	7.1	9.1	6.5	7.8	5.0	8.7	4.2	4.3	15.1
Urdu	4.5	7.3	6.5	4.8	0.7	4.3	2.2	4.3	5.4
Use of Mathematics	1.1	0.0	0.0	0.6	4.3	0.0	0.2	0.0	37.6
Welsh (Second Language)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
World Development	1.1	0.0	0.7	1.2	5.0	0.0	0.7	0.0	10.8

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	8.4	9.9	9.6	8.8	3.2
Additional Mathematics	0.2	0.7	0.4	2.9	3.9
Ancient History	0.6	2.2	1.3	1.8	4.3
Anthropology	0.8	0.6	0.8	0.6	0.0
Arabic	9.0	9.9	10.2	10.1	8.6
Archaeology	0.6	1.9	1.1	1.5	0.2
Art & Design	24.6	26.6	33.1	30.9	26.5
Art & Design (3d Studies)	3.8	3.7	4.0	5.5	2.6
Art & Design (Critical Studies)	0.6	0.7	0.8	0.9	1.3
Art & Design (Fine Art)	45.4	63.9	60.1	60.8	63.7
Art & Design (Graphics)	13.1	18.4	15.9	16.6	9.2
Art & Design (Photography)	41.3	47.1	50.9	49.4	32.0
Art & Design (Textiles)	12.6	21.4	25.9	21.9	15.9
Bengali	1.3	1.3	0.8	1.1	0.4
Biology	86.7	95.3	96.4	95.4	93.5
Business Studies: Single	50.1	63.1	69.9	68.5	55.1
Chemistry	81.2	92.2	94.7	94.1	93.8
Chinese	7.3	14.7	18.1	19.7	37.0
Classical Civilisation	2.8	11.2	8.9	17.1	37.8
Classical Greek	0.0	0.2	0.6	0.4	15.7
Classics (General)	0.0	0.7	2.3	2.6	3.2
Communication Studies	5.1	5.2	2.8	2.9	0.7
Computer Studies/Computing	25.9	37.1	42.7	44.8	36.8
Creative Writing	11.1	11.5	8.5	6.4	4.7
Critical Thinking	0.0	0.7	0.4	0.6	1.5
D&T Food Technology	2.6	8.8	10.6	12.2	8.8
D&T Product Design	32.5	48.8	56.9	57.3	56.4
D&T Systems & Control	0.4	1.5	1.3	2.6	3.6
D&T Textiles Technology	3.8	6.5	9.5	12.0	8.0
Dance	6.4	13.4	16.6	12.3	5.6
Drama & Theatre Studies	28.3	50.1	58.6	64.5	63.0
Dutch	2.6	4.7	3.0	3.1	4.7
Economics	34.3	53.4	60.3	71.6	82.6
Electronics	1.3	2.2	3.2	4.1	3.7
English Language	31.7	41.7	45.4	48.3	28.4
English Language & Literature	25.5	26.6	29.9	22.7	9.0
English Literature	78.8	89.4	91.9	92.4	86.4
Environmental Science	1.1	3.0	3.2	4.2	0.0
Expressive Arts & Performance Studies	0.6	2.2	1.5	1.3	0.4
Film Studies	21.6	20.9	21.9	21.9	7.1
French	24.6	56.4	64.7	72.7	80.9
General Studies	3.8	10.1	14.4	16.0	13.3
Geography	59.8	84.7	89.0	91.0	88.6
Geology	1.5	6.0	5.5	6.6	6.0
German	12.0	28.3	37.1	46.4	61.1
Government & Politics	27.2	42.5	47.3	52.1	63.6
Gujarati	0.2	0.0	0.6	0.9	0.2
History	81.2	92.9	95.3	94.3	89.2
History of Art	0.4	1.5	0.8	4.1	13.3
Home Economics: Food	1.3	1.1	2.6	2.9	3.6
Information & Communications Technology	19.1	27.7	28.0	24.1	13.3
Italian	11.1	16.4	15.7	14.7	17.9
Japanese	0.9	2.6	5.7	5.3	13.5
Latin	0.4	1.7	3.2	9.8	42.2

Subject	Group I	Group II	Group III	Group IV	Group V
Law	24.8	30.0	28.2	25.2	6.4
Logic/ Philosophy	4.7	6.5	5.7	11.6	10.7
Mathematics	93.4	97.4	98.1	98.0	98.5
Mathematics (Further)	35.8	68.2	77.3	81.0	90.5
Mathematics (Pure)	0.4	0.2	0.0	0.7	0.2
Mathematics (Statistics)	1.1	2.2	3.0	2.6	1.3
Media/Film/Tv Studies	48.4	55.9	59.5	51.0	19.1
Modern Greek	3.0	1.9	4.2	2.9	4.3
Modern Hebrew	0.0	0.2	0.0	0.9	1.7
Music	12.0	33.1	47.1	53.2	70.8
Music Technology	5.4	14.5	13.8	19.3	13.8
Other Classical Languages	0.2	0.0	0.0	0.0	0.9
Persian	2.6	2.2	4.0	5.5	3.0
Physical Education/Sports Studies	27.0	52.7	63.7	65.2	56.4
Physics	74.7	89.4	92.2	91.0	93.6
Polish	16.3	19.7	19.5	17.3	11.6
Portuguese	6.9	10.2	11.5	7.9	5.2
Psychology	83.9	90.5	92.8	89.1	71.8
Punjabi	3.2	2.8	4.0	2.0	0.7
Religious Studies	46.9	63.1	67.9	70.7	78.3
Russian	7.9	10.8	14.2	16.8	33.5
Science in Society	0.0	0.0	0.8	0.2	0.0
Social Science: Citizenship	2.1	2.6	1.3	1.3	0.6
Sociology	65.9	73.4	73.7	64.3	29.2
Spanish	23.3	49.3	58.4	64.1	75.0
Turkish	6.6	7.8	9.1	5.9	5.4
Urdu	5.3	4.7	3.4	4.2	1.7
Use of Mathematics	0.9	3.9	3.4	2.2	0.6
Welsh (Second Language)	0.2	0.0	0.0	0.0	0.0
World Development	1.3	2.0	2.3	1.7	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	3.3	5.1	4.6	5.3	5.3
Additional Mathematics	2.5	0.3	1.0	1.0	1.0
Ancient History	1.8	1.8	1.0	0.3	0.0
Anthropology	0.0	0.3	0.0	0.3	0.3
Arabic	5.1	5.1	6.3	11.9	18.0
Archaeology	0.0	0.3	0.5	0.0	0.0
Art & Design	30.6	29.1	27.3	32.4	27.1
Art & Design (3d Studies)	1.8	2.5	2.0	2.8	3.0
Art & Design (Critical Studies)	0.3	0.5	0.3	0.8	0.0
Art & Design (Fine Art)	65.1	64.8	59.7	51.6	35.7
Art & Design (Graphics)	17.0	10.6	10.4	11.1	9.6
Art & Design (Photography)	50.9	46.3	48.6	41.3	26.1
Art & Design (Textiles)	23.0	18.7	17.7	13.2	11.9
Bengali	0.3	0.0	0.5	1.5	4.1
Biology	97.2	94.2	92.9	90.9	82.0
Business Studies: Single	73.4	64.6	56.7	49.9	35.7
Chemistry	97.0	92.9	87.8	87.1	79.0
Chinese	10.1	10.1	7.8	7.6	9.9
Classical Civilisation	10.4	8.9	7.8	6.3	2.8
Classical Greek	1.0	0.5	0.3	0.3	0.0
Classics (General)	0.8	2.0	1.0	1.0	0.8
Communication Studies	3.0	2.3	1.0	1.5	1.0
Computer Studies/Computing	52.7	45.8	37.0	29.6	23.5
Creative Writing	7.3	8.4	9.9	7.8	4.6
Critical Thinking	1.5	0.8	0.3	0.3	0.3
D&T Food Technology	18.0	13.4	10.4	5.1	1.3
D&T Product Design	75.9	64.6	57.5	46.6	24.6
D&T Systems & Control	3.8	2.5	2.0	1.3	0.0
D&T Textiles Technology	17.5	13.4	7.6	4.8	3.3
Dance	11.9	15.7	11.9	10.1	5.3
Drama & Theatre Studies	72.2	59.0	47.1	39.5	27.1
Dutch	3.3	1.8	1.0	4.1	4.8
Economics	70.9	53.9	49.6	47.8	38.7
Electronics	2.8	3.3	1.8	0.5	0.5
English Language	56.2	48.1	39.7	32.4	19.5
English Language & Literature	22.5	28.1	25.8	20.3	17.7
English Literature	94.7	91.1	88.1	85.1	77.0
Environmental Science	3.3	1.8	1.5	0.5	0.0
Expressive Arts & Performance Studies	0.8	1.3	0.5	1.8	0.0
Film Studies	17.0	17.5	17.7	16.7	13.9
French	79.2	63.0	52.4	44.3	32.7
General Studies	24.6	14.2	14.7	8.4	2.0
Geography	95.2	91.4	84.8	75.9	55.2
Geology	7.8	4.8	3.0	0.8	0.0
German	54.9	37.2	29.1	23.0	10.1
Government & Politics	51.1	41.3	37.5	38.5	31.6
Gujarati	0.0	0.3	0.5	1.5	0.0
History	96.7	94.2	89.6	88.9	77.7
History of Art	0.5	0.5	0.3	0.5	0.3
Home Economics: Food	3.3	3.0	1.5	0.8	0.3
Information & Communications Technology	23.8	22.3	22.3	22.3	17.2
Italian	8.4	9.4	13.2	19.7	18.2
Japanese	5.8	3.3	3.8	3.5	0.8
Latin	6.3	4.3	3.5	2.3	1.0

Subject	Group A	Group B	Group C	Group D	Group E
Law	21.3	25.1	22.8	21.0	15.4
Logic/ Philosophy	8.4	3.3	4.3	4.8	4.1
Mathematics	98.2	95.9	95.4	94.7	90.1
Mathematics (Further)	88.9	77.5	66.8	56.5	39.0
Mathematics (Pure)	0.3	0.3	0.3	0.3	0.3
Mathematics (Statistics)	3.3	1.3	0.5	0.3	0.8
Media/Film/Tv Studies	55.4	56.7	52.2	52.7	40.3
Modern Greek	2.8	3.3	2.5	4.3	4.3
Modern Hebrew	1.0	0.5	0.5	0.3	0.0
Music	63.5	45.6	39.2	25.6	13.9
Music Technology	21.5	12.7	9.6	8.6	5.8
Other Classical Languages	0.8	0.0	0.3	0.0	0.0
Persian	0.8	2.3	2.5	4.6	5.8
Physical Education/Sports Studies	81.8	68.6	55.9	37.0	20.0
Physics	96.2	92.4	87.6	81.8	70.9
Polish	11.6	13.7	18.0	25.8	21.5
Portuguese	3.3	5.8	6.3	10.6	16.2
Psychology	92.7	89.9	88.4	85.1	79.5
Punjabi	1.3	1.0	2.3	4.8	5.8
Religious Studies	73.4	68.1	62.8	61.0	52.9
Russian	10.6	6.8	11.1	12.2	9.1
Science in Society	0.0	0.5	0.3	0.3	0.0
Social Science: Citizenship	0.5	1.0	0.8	3.3	1.5
Sociology	69.4	67.3	69.6	72.7	69.6
Spanish	63.8	51.6	44.3	36.5	39.5
Turkish	2.0	4.6	7.1	10.1	13.2
Urdu	1.8	2.0	1.8	8.1	9.6
Use of Mathematics	1.0	1.3	0.8	0.5	0.8
Welsh (Second Language)	0.3	0.0	0.0	0.0	0.0
World Development	1.3	1.8	0.8	1.3	0.3

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

Subject	Boys	Girls	Mixed
Accounting/Finance	0.7	2.5	8.7
Additional Mathematics	3.7	0.0	1.6
Ancient History	7.4	0.9	1.8
Anthropology	0.0	0.0	0.6
Arabic	11.8	10.4	9.2
Archaeology	0.0	0.0	1.2
Art & Design	13.2	25.5	28.3
Art & Design (3d Studies)	0.0	1.9	4.2
Art & Design (Critical Studies)	0.0	0.9	0.8
Art & Design (Fine Art)	34.6	50.3	58.1
Art & Design (Graphics)	8.8	7.5	15.2
Art & Design (Photography)	11.8	28.0	45.8
Art & Design (Textiles)	0.0	19.5	19.6
Bengali	0.7	1.3	1.0
Biology	59.6	79.9	91.8
Business Studies: Single	33.8	42.1	62.0
Chemistry	61.8	76.7	89.5
Chinese	14.7	27.7	17.4
Classical Civilisation	14.7	31.1	12.6
Classical Greek	14.7	8.5	1.8
Classics (General)	1.5	2.5	1.6
Communication Studies	1.5	0.6	3.6
Computer Studies/Computing	31.6	14.8	38.7
Creative Writing	2.2	4.4	8.9
Critical Thinking	0.0	0.6	0.6
D&T Food Technology	1.5	11.0	8.2
D&T Product Design	37.5	23.0	51.8
D&T Systems & Control	5.1	0.0	1.8
D&T Textiles Technology	0.0	8.5	7.9
Dance	0.7	5.3	11.6
Drama & Theatre Studies	26.5	49.4	51.8
Dutch	2.2	2.2	3.8
Economics	55.9	58.2	57.6
Electronics	4.4	0.3	3.0
English Language	14.7	21.4	40.6
English Language & Literature	8.8	8.8	24.5
English Literature	55.1	73.6	87.0
Environmental Science	0.0	0.3	2.6
Expressive Arts & Performance Studies	0.0	0.0	1.4
Film Studies	1.5	5.3	20.3
French	44.9	59.7	57.3
General Studies	11.0	8.2	11.3
Geography	52.2	70.4	81.2
Geology	3.7	1.3	5.4
German	33.8	36.5	35.1
Government & Politics	46.3	46.2	43.9
Gujarati	0.0	0.6	0.3
History	55.1	74.2	89.8
History of Art	2.2	14.8	2.4
Home Economics: Food	0.0	5.3	1.9
Information & Communications Technology	7.4	13.5	23.2
Italian	10.3	13.8	14.7
Japanese	10.3	8.2	4.7
Latin	25.7	29.9	7.5

Subject	Boys	Girls	Mixed
Law	2.9	5.3	25.1
Logic/ Philosophy	9.6	3.5	7.9
Mathematics	74.3	80.2	96.4
Mathematics (Further)	54.4	52.8	69.7
Mathematics (Pure)	0.0	0.3	0.3
Mathematics (Statistics)	0.7	0.3	2.2
Media/Film/Tv Studies	11.0	17.6	50.1
Modern Greek	3.7	1.9	3.3
Modern Hebrew	1.5	0.9	0.5
Music	38.2	50.0	40.1
Music Technology	8.1	3.5	14.2
Other Classical Languages	0.7	0.6	0.2
Persian	2.2	2.5	3.6
Physical Education/Sports Studies	33.1	33.3	53.6
Physics	60.3	67.6	87.5
Polish	5.9	13.8	17.4
Portuguese	3.7	5.3	8.7
Psychology	33.1	73.9	85.5
Punjabi	0.0	0.6	2.8
Religious Studies	42.6	67.6	62.6
Russian	16.2	19.2	15.5
Science in Society	0.0	0.6	0.1
Social Science: Citizenship	0.0	0.0	1.8
Sociology	11.8	34.6	64.3
Spanish	39.0	58.8	51.2
Turkish	1.5	4.7	7.4
Urdu	5.1	6.3	3.7
Use of Mathematics	0.7	0.0	2.5
Welsh (Second Language)	0.0	0.0	0.0
World Development	0.0	0.3	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	5.1	5.4	6.0	7.4	44.0
Additional Mathematics	0.0	0.8	1.2	4.5	4.0
Ancient History	0.3	0.8	1.1	4.7	11.2
Anthropology	0.0	0.3	0.2	0.8	4.8
Arabic	5.9	7.6	8.2	13.7	29.6
Archaeology	0.2	0.2	0.1	0.8	16.8
Art & Design	15.8	30.8	31.0	28.7	32.8
Art & Design (3d Studies)	1.1	3.5	2.9	4.3	21.6
Art & Design (Critical Studies)	0.5	0.8	0.7	0.6	4.8
Art & Design (Fine Art)	27.8	51.1	66.9	72.1	78.4
Art & Design (Graphics)	6.5	9.0	15.0	14.5	68.8
Art & Design (Photography)	18.8	42.4	48.9	47.7	87.2
Art & Design (Textiles)	7.4	14.7	20.7	22.9	63.2
Bengali	1.3	0.6	1.0	1.2	0.8
Biology	57.8	95.4	99.0	98.4	100.0
Business Studies: Single	29.3	49.5	70.8	74.0	95.2
Chemistry	52.1	92.0	97.9	99.4	100.0
Chinese	11.4	17.0	19.8	22.7	34.4
Classical Civilisation	3.6	9.5	16.8	24.4	44.8
Classical Greek	0.2	1.4	3.7	8.8	0.8
Classics (General)	0.6	1.1	2.2	2.7	2.4
Communication Studies	1.3	2.2	2.1	4.5	20.8
Computer Studies/Computing	10.9	24.0	40.8	59.4	85.6
Creative Writing	4.3	6.6	8.4	9.8	25.6
Critical Thinking	0.0	0.0	0.8	1.4	2.4
D&T Food Technology	1.6	6.8	10.2	14.5	7.2
D&T Product Design	13.4	39.4	63.4	74.8	40.0
D&T Systems & Control	0.0	0.6	2.5	4.5	0.0
D&T Textiles Technology	1.4	5.4	9.2	15.0	6.4
Dance	2.2	6.9	11.0	14.8	46.4
Drama & Theatre Studies	12.8	38.5	63.9	77.0	90.4
Dutch	1.1	3.0	2.8	5.3	16.0
Economics	21.4	46.2	67.1	89.5	96.8
Electronics	0.3	0.5	1.6	5.7	23.2
English Language	16.8	31.4	43.2	46.5	86.4
English Language & Literature	11.9	17.2	24.3	25.8	65.6
English Literature	51.1	86.9	95.5	96.1	99.2
Environmental Science	0.0	1.3	1.7	2.9	18.4
Expressive Arts & Performance Studies	0.0	0.3	1.1	0.8	12.8
Film Studies	4.4	11.7	19.9	22.9	78.4
French	16.8	41.8	71.6	89.3	96.8
General Studies	2.4	5.0	14.4	20.1	20.8
Geography	37.5	78.5	93.1	97.9	100.0
Geology	0.3	1.4	4.6	7.8	35.2
German	10.0	18.9	42.7	63.5	75.2
Government & Politics	11.1	33.4	51.8	74.0	89.6
Gujarati	0.5	0.0	0.4	0.6	0.0
History	52.5	92.6	97.4	97.3	99.2
History of Art	1.6	2.8	4.7	5.1	8.0
Home Economics: Food	1.3	0.8	2.9	3.5	3.2
Information & Communications Technology	8.1	17.0	25.2	28.3	52.8
Italian	4.4	10.6	17.7	20.3	36.0
Japanese	1.3	3.0	6.4	10.9	8.0
Latin	1.3	6.3	12.8	25.4	8.8

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Law	11.4	19.4	21.9	22.3	84.0
Logic/ Philosophy	0.8	3.3	6.7	12.5	46.4
Mathematics	72.5	98.7	99.7	100.0	100.0
Mathematics (Further)	21.7	55.5	84.8	97.5	100.0
Mathematics (Pure)	0.3	0.5	0.1	0.6	0.0
Mathematics (Statistics)	0.6	0.9	1.6	1.6	17.6
Media/Film/Tv Studies	17.7	44.3	54.3	50.0	88.0
Modern Greek	2.1	2.1	3.0	4.9	8.8
Modern Hebrew	0.8	0.2	0.5	1.0	0.8
Music	9.8	24.9	50.7	73.8	77.6
Music Technology	2.1	7.3	14.0	21.9	47.2
Other Classical Languages	0.5	0.2	0.2	0.2	0.0
Persian	1.3	3.3	3.5	4.7	8.8
Physical Education/Sports Studies	13.6	41.2	64.3	75.0	78.4
Physics	46.0	87.4	97.0	99.0	100.0
Polish	7.1	15.6	17.0	21.5	44.0
Portuguese	3.3	8.2	7.9	9.4	27.2
Psychology	54.6	88.0	91.3	85.5	99.2
Punjabi	0.8	2.7	2.8	3.5	2.4
Religious Studies	26.1	56.6	76.4	82.8	84.0
Russian	6.3	12.0	17.7	26.6	27.2
Science in Society	0.0	0.2	0.2	0.2	0.8
Social Science: Citizenship	0.9	1.4	1.1	1.8	6.4
Sociology	31.8	61.2	65.9	64.5	97.6
Spanish	14.9	41.8	61.2	81.3	91.2
Turkish	3.5	6.5	6.3	9.2	18.4
Urdu	4.1	3.6	3.5	5.5	4.0
Use of Mathematics	0.8	0.2	1.0	1.4	29.6
Welsh (Second Language)	0.0	0.2	0.0	0.0	0.0
World Development	0.5	0.8	1.2	1.4	12.8

Reference

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