Provision of GCE A level subjects 2015

Statistics Report Series No.108

Tim Gill and Joanna Williamson

June 2016

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 2015. 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. 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 2015. This marks a change from previous A level provision reports (e.g. Gill, 2015), which also included students who took a qualification equivalent to an A level in the year of interest (and had taken at least one A level in a previous year).

School Type

Table 1: School type

School Type	Number of Schools	Percentage
Academy	1031	36.0
Comprehensive	803	28.0
FE/Tertiary College	171	6.0
Grammar	69	2.4
Independent	605	21.1
Secondary Modern	57	2.0
Sixth Form College	131	4.6

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	Maximum	Mean
Low	Group I	542	60.0	247.0	223.9
	Group II	543	247.1	264.1	256.4
	Group III	533	264.1	279.8	271.9
	Group IV	547	280.0	299.7	288.3
High	Group V	547	300.0	420.0	324.9

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	397	0.00	0.10	0.08
	Group B	397	0.10	0.14	0.12
	Group C	397	0.14	0.19	0.16
	Group D	397	0.19	0.29	0.23
High	Group E	397	0.29	0.75	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	150	5.2
Girls	340	11.8
Mixed	2383	82.9

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).

Table 5: School size

School Size	Number of Schools	Percentage
Less than 30	635	22.1
30-59	609	21.2
60-119	891	31.0
120-239	594	20.7
240 or greater	144	5.0

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 (45.6% having fewer than 30 students). Sixth form colleges, however, tend to be relatively large (66.4% 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	17.7	21.3	33.6	26.0	1.5
Comprehensive	18.4	25.5	37.2	17.1	1.7
FE/Tertiary College	30.4	17.5	21.6	17.0	13.5
Grammar	4.3	.	21.7	71.0	2.9
Independent	34.4	21.7	28.4	15.0	0.5
Secondary Modern	45.6	36.8	14.0	3.5	.
Sixth Form College	7.6	1.5	10.7	13.7	66.4

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	38.0	34.9	19.9	4.6	2.6
Group II	14.0	31.2	34.8	13.7	6.3
Group III	9.4	17.8	41.3	24.4	7.1
Group IV	12.1	13.4	37.4	28.9	8.2
Group V	12.9	14.9	31.5	38.2	2.4

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	10.8	9.3	36.5	41.6	1.8
Group B	8.8	18.6	39.5	31.2	1.8
Group C	14.9	28.0	33.2	22.2	1.8
Group D	23.4	29.2	32.0	13.4	2.0
Group E	32.0	29.0	29.2	8.8	1.0

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	50.7	6.7	16.0	26.0	0.7
Girls School	40.3	19.7	28.5	11.5	.
Mixed School	17.7	22.3	32.3	21.7	6.0

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 86.9% of academy schools had students taking Chemistry A level, compared with 95.7% of grammar schools. Table 12 shows that 79.0% of schools in the lowest attainment group had students taking Chemistry, compared with 92.6% 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	5.6	5.1	30.4	2.9	6.8	7.0	45.0
Additional Mathematics	1.6	0.4	1.8	2.9	3.6	0.0	2.3
Ancient History	1.3	0.6	2.9	2.9	2.8	0.0	7.6
Anthropology	0.6	0.4	5.3	0.0	0.0	0.0	4.6
Arabic	7.6	8.7	4.7	8.7	6.9	0.0	17.6
Archaeology	0.4	0.5	7.6	0.0	0.2	0.0	13.7
Art & Design	33.9	34.7	19.9	31.9	28.6	36.8	32.1
Art & Design (3d Studies)	2.7	1.5	4.7	1.4	3.1	1.8	16.0
Art & Design (Critical Studies)	0.5	0.6	3.5	0.0	2.0	0.0	4.6
Art & Design (Fine Art)	52.5	50.4	48.0	65.2	53.7	42.1	74.0
Art & Design (Graphics)	13.3	10.2	32.2	7.2	7.8	12.3	59.5
Art & Design (Photography)	45.1	44.7	58.5	23.2	27.3	38.6	74.8
Art & Design (Textiles)	18.8	17.4	23.4	10.1	14.4	8.8	58.8
Bengali	0.8	2.0	0.0	0.0	0.0	0.0	3.8
Biology	89.4	89.3	77.2	95.7	83.0	64.9	96.9
Business Studies: Single	54.3	50.6	72.5	66.7	58.7	33.3	90.1
Chemistry	86.9	88.0	74.9	95.7	82.5	52.6	97.7
Chinese	13.8	10.8	8.2	31.9	44.1	8.8	36.6
Classical Civilisation	8.5	5.2	12.3	29.0	32.9	5.3	45.0
Classical Greek	0.7	0.1	0.0	1.4	13.7	1.8	0.0
Classics (General)	1.2	1.1	1.2	4.3	3.5	0.0	1.5
Communication Studies	3.2	1.7	19.3	1.4	0.7	3.5	19.1
Computer Studies/Computing	24.2	19.7	24.6	49.3	14.9	5.3	66.4
Creative Writing	4.3	4.6	11.7	4.3	2.0	10.5	15.3
Critical Thinking	2.6	1.0	0.6	5.8	1.3	0.0	9.9
D&T Food Technology	13.3	11.6	0.0	13.0	5.3	5.3	3.8
D&T Product Design	57.5	56.3	6.4	75.4	43.6	31.6	35.9
D&T Systems & Control	2.9	1.7	0.0	4.3	1.8	0.0	1.5
D&T Textiles Technology	14.5	15.3	0.0	15.9	5.8	7.0	3.8
Dance	15.1	12.7	12.3	5.8	3.6	5.3	47.3
Drama & Theatre Studies	53.6	54.2	30.4	52.2	56.2	26.3	71.8
Dutch	3.5	3.9	3.5	4.3	3.3	3.5	10.7
Economics	53.4	49.1	42.1	82.6	72.1	12.3	87.8
Electronics	2.1	0.9	4.7	5.8	2.8	0.0	24.4
English Language	41.2	40.3	52.6	29.0	20.8	29.8	74.0
English Language & Literature	27.9	27.4	52.0	18.8	8.3	15.8	70.2
English Literature	87.0	86.6	70.8	94.2	77.0	82.5	93.1
Environmental Science	2.5	3.1	19.3	1.4	1.5	1.8	18.3
Expressive Arts & Performance Studies	2.2	1.4	1.8	1.4	0.8	1.8	16.0
Film Studies	17.1	18.1	50.9	15.9	5.0	15.8	75.6
French	58.0	56.3	31.6	92.8	71.4	22.8	87.0
General Studies	21.6	20.7	4.7	40.6	10.1	8.8	25.2
Geography	80.1	80.3	51.5	95.7	76.9	54.4	88.5
Geology	3.7	3.5	14.0	8.7	3.3	3.5	30.5
German	36.9	31.3	17.5	72.5	52.7	15.8	58.8
Government & Politics	39.9	32.9	47.4	76.8	47.6	19.3	87.0
Gujarati	0.4	0.5	0.0	1.4	0.3	0.0	0.0
History	91.2	89.4	74.9	95.7	80.7	71.9	94.7
History of Art	0.6	0.4	3.5	2.9	14.2	0.0	8.4
Home Economics: Food	1.9	1.9	0.0	1.4	6.4	3.5	3.1
Humanities: Single	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Information & Communications Technology	29.6	27.5	37.4	27.5	19.7	10.5	51.1
Italian	9.4	12.8	6.4	10.1	16.0	7.0	32.8
Japanese	3.7	2.9	1.8	10.1	11.6	1.8	9.2

Subject	Academy	Comp	FE\Ter	Gram	Indep	Sec Mod	6th Form
Latin	5.2	2.2	0.0	26.1	39.7	1.8	6.1
Law	23.9	24.9	63.2	14.5	5.1	15.8	80.9
Logic/ Philosophy	5.1	6.5	18.1	10.1	9.9	5.3	43.5
Mathematics	92.9	92.5	80.1	97.1	89.6	84.2	100.0
Mathematics (Further)	64.3	61.0	47.4	94.2	69.6	26.3	90.8
Mathematics (Pure)	0.7	0.5	0.0	0.0	0.2	3.5	0.8
Mathematics (Statistics)	1.5	0.7	3.5	2.9	1.2	1.8	15.3
Media/Film/TV Studies	52.8	59.2	67.3	37.7	11.1	54.4	87.0
Modern Greek	2.4	3.5	0.6	4.3	2.3	0.0	6.1
Modern Hebrew	0.4	1.0	0.0	0.0	1.0	0.0	0.0
Music	44.4	37.0	13.5	78.3	58.0	12.3	61.1
Music Technology	16.5	16.6	9.4	15.9	13.6	7.0	44.3
Other Classical Languages	0.0	0.5	0.6	0.0	0.7	1.8	0.8
Persian	3.8	4.1	2.3	0.0	3.3	1.8	8.4
Physical Education/Sports Studies	58.5	53.5	25.1	81.2	51.9	29.8	74.0
Physics	85.2	84.3	68.4	95.7	79.5	61.4	96.9
Polish	18.5	20.5	11.1	14.5	6.0	17.5	36.6
Portuguese	7.0	10.2	5.3	0.0	2.5	1.8	26.7
Psychology	86.2	87.4	82.5	87.0	58.5	64.9	94.7
Punjabi	2.5	3.0	0.6	10.1	0.8	0.0	1.5
Religious Studies	63.1	64.5	33.3	79.7	61.8	38.6	71.0
Russian	10.8	8.3	5.8	10.1	34.5	3.5	30.5
Science in Society	0.7	0.5	1.2	1.4	0.2	0.0	3.8
Social Science: Citizenship	2.1	1.9	5.8	1.4	0.3	0.0	7.6
Sociology	69.2	71.2	81.9	53.6	12.9	63.2	92.4
Spanish	45.9	45.7	30.4	72.5	65.5	12.3	84.0
Turkish	6.2	8.2	2.3	4.3	3.1	7.0	18.3
Urdu	5.6	5.6	0.0	4.3	1.8	1.8	9.2
Use of Mathematics	1.4	1.6	7.6	0.0	0.3	0.0	32.8
World Development	1.9	1.2	7.6	0.0	0.5	0.0	8.4

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

	Low attainment				High attainment
Subject	Group I	Group II	Group III	Group IV	Group V
Accounting/Finance	3.6	5.9	4.4	8.2	4.4
Additional Mathematics	0.0	0.0	0.5	1.4	0.0
Ancient History	0.0	0.0	1.5	1.4	0.0
Anthropology	0.0	1.5	0.0	0.0	0.0
Arabic	8.9	8.9	11.2	6.8	2.2
Archaeology	0.0	0.5	1.0	0.7	0.0
Art & Design	32.1	35.6	40.0	37.4	31.1
Art & Design (3d Studies)	0.6	1.5	2.9	1.4	0.0
Art & Design (Critical Studies)	0.6	0.0	0.5	1.4	2.2
Art & Design (Fine Art)	36.9	57.4	55.6	58.5	60.0
Art & Design (Graphics)	7.1	10.9	12.7	12.2	8.9
Art & Design (Photography)	33.9	52.5	45.4	51.0	55.6
Art & Design (Textiles)	13.1	17.3	22.4	17.0	24.4
Bengali	3.0	1.5	1.0	2.7	0.0
Biology	86.3	95.5	97.6	94.6	88.9
Business Studies: Single	45.8	51.5	59.5	59.2	35.6
Chemistry	82.7	94.1	96.6	94.6	86.7
Chinese	3.6	7.4	12.7	11.6	26.7
Classical Civilisation	3.0	7.4	3.9	6.8	8.9
Classical Greek	0.0	0.0	0.0	0.0	2.2
Classics (General)	0.0	1.5	1.5	0.7	4.4
Communication Studies	1.8	2.5	2.0	0.7	2.2
Computer Studies/Computing	13.7	16.8	26.3	25.2	22.2
Creative Writing	3.0	5.9	6.3	3.4	2.2
Critical Thinking	0.6	0.5	1.0	1.4	4.4
D&T Food Technology	6.5	10.9	13.2	20.4	6.7
D&T Product Design	41.1	57.9	65.9	67.3	71.1
D&T Systems & Control	1.2	0.5	2.4	2.7	4.4
D&T Textiles Technology	6.5	18.3	19.5	19.0	15.6
Dance	10.1	16.3	12.7	14.3	11.1
Drama & Theatre Studies	34.5	55.0	70.7	62.6	64.4
Dutch	3.0	4.5	3.9	5.4	0.0
Economics	28.0	48.0	60.5	66.0	62.2
Electronics	0.0	0.5	2.0	1.4	0.0
English Language	33.3	38.1	52.2	44.9	40.0
English Language & Literature	26.2	31.7	25.4	34.0	15.6
English Literature	76.8	91.1	96.1	95.9	91.1
Environmental Science	1.2	3.0	4.4	4.8	2.2
Expressive Arts & Performance Studies	1.8	2.0	2.0	0.0	0.0
Film Studies	14.3	19.3	22.4	17.0	24.4
French	35.1	52.5	68.8	72.8	77.8
General Studies	15.5	18.8	27.8	24.5	17.8
Geography	69.6	82.7	90.2	93.2	86.7
Geology	1.2	2.5	5.9	4.8	2.2
German	11.9	26.7	41.0	46.9	48.9
Government & Politics	22.6	29.7	41.5	40.1	48.9
Gujarati	0.0	1.0	0.0	1.4	0.0
History	86.9	93.1	97.6	97.3	88.9
History of Art	0.0	0.5	0.0	0.7	2.2
Home Economics: Food	0.6	1.0	4.4	2.0	0.0
Information & Communications Technology	26.8	30.2	31.7	26.5	24.4
Italian	10.1	12.4	13.7	14.3	20.0
Japanese	1.2	3.0	3.4	4.1	2.2

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	1.2	1.0	2.0	2.7	13.3
Law	24.4	29.7	28.8	21.1	20.0
Logic/ Philosophy	3.0	5.0	8.8	8.2	15.6
Mathematics	92.3	98.0	97.1	97.3	91.1
Mathematics (Further)	39.3	54.5	76.6	81.0	84.4
Mathematics (Pure)	2.4	0.0	0.0	0.0	0.0
Mathematics (Statistics)	0.6	0.5	1.5	0.7	0.0
Media/Film/TV Studies	54.8	62.4	64.4	66.7	53.3
Modern Greek	2.4	2.0	2.9	8.2	4.4
Modern Hebrew	0.6	0.5	0.0	0.7	11.1
Music	16.7	31.7	47.8	57.1	51.1
Music Technology	11.3	15.8	22.9	19.0	15.6
Other Classical Languages	0.0	0.0	0.0	0.0	6.7
Persian	4.2	2.5	5.9	4.1	2.2
Physical Education/Sports Studies	38.7	53.0	62.9	68.0	64.4
Physics	76.2	88.6	94.1	93.2	86.7
Polish	17.3	21.3	21.5	20.4	15.6
Portuguese	8.3	10.4	12.2	9.5	13.3
Psychology	85.1	93.6	94.1	93.2	82.2
Punjabi	4.2	3.0	2.0	3.4	4.4
Religious Studies	52.4	64.4	71.2	80.3	77.8
Russian	6.0	8.9	8.8	7.5	13.3
Science in Society	0.0	1.0	0.0	1.4	0.0
Social Science: Citizenship	5.4	1.0	1.5	0.7	0.0
Sociology	66.7	80.2	77.1	72.8	68.9
Spanish	28.6	44.6	59.0	55.8	53.3
Turkish	4.8	10.4	9.3	8.2	4.4
Urdu	5.4	6.4	4.9	6.1	2.2
Use of Mathematics	1.2	1.5	2.4	2.0	0.0
World Development	1.2	1.0	1.5	2.0	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	10.4	11.8	10.1	10.4	4.8
Additional Mathematics	0.4	0.7	0.9	1.8	5.4
Ancient History	0.2	1.1	2.6	2.4	3.3
Anthropology	1.3	1.7	0.8	0.7	0.0
Arabic	8.2	9.1	9.2	8.1	4.6
Archaeology	0.6	2.0	2.1	2.2	0.6
Art & Design	28.4	34.2	37.9	36.6	31.5
Art & Design (3d Studies)	3.2	3.1	3.6	3.7	3.1
Art & Design (Critical Studies)	0.6	1.3	1.1	0.9	2.4
Art & Design (Fine Art)	41.7	55.5	60.8	58.2	61.8
Art & Design (Graphics)	11.9	19.2	17.8	17.9	8.7
Art & Design (Photography)	41.6	51.4	51.8	49.1	29.9
Art & Design (Textiles)	15.0	22.6	26.1	22.9	14.9
Bengali	1.9	1.1	0.8	1.1	0.2
Biology	83.3	93.0	96.8	95.1	92.8
Business Studies: Single	51.2	59.9	66.8	66.8	55.9
Chemistry	79.0	91.7	95.7	94.0	92.6
Chinese	8.3	13.5	18.8	23.3	40.2
Classical Civilisation	4.5	9.4	12.6	14.5	38.7
Classical Greek	0.0	0.0	0.2	0.9	16.1
Classics (General)	0.4	0.9	1.5	2.0	4.2
Communication Studies	5.9	5.4	4.3	3.3	1.7
Computer Studies/Computing	15.4	21.4	31.9	29.7	24.2
Creative Writing	5.9	6.1	6.9	3.8	3.0
Critical Thinking	0.6	1.5	2.4	2.7	3.5
D&T Food Technology	4.1	10.0	12.9	16.7	7.9
D&T Product Design	31.9	52.3	63.4	61.2	55.7
D&T Systems & Control	0.6	1.1	2.4	3.7	3.3
D&T Textiles Technology	4.3	13.1	16.5	15.6	11.1
Dance	8.0	17.9	17.8	17.9	5.9
Drama & Theatre Studies	31.9	52.7	66.8	64.3	65.3
Dutch	3.0	5.0	5.1	3.8	3.1
Economics	34.0	48.6	64.4	72.2	82.3
Electronics	1.7	2.4	3.9	4.9	3.7
English Language	32.8	42.0	50.8	50.5	26.8
English Language & Literature	31.2	34.8	30.8	29.1	12.5
English Literature	78.3	88.7	93.8	92.9	88.4
Environmental Science	2.2	5.5	6.0	6.4	1.8
Expressive Arts & Performance Studies	2.2	2.8	3.2	2.2	1.7
Film Studies	20.2	26.1	26.8	22.2	7.6
French	30.1	53.6	72.0	76.2	85.1
General Studies	9.5	16.1	24.6	26.9	19.7
Geography	60.5	81.9	91.4	91.8	88.4
Geology	1.9	5.4	7.1	9.0	5.7
German	12.6	29.4	42.8	53.5	66.4
Government & Politics	28.2	37.3	49.3	49.6	60.7
Gujarati	0.4	0.6	0.0	0.5	0.4
History	83.7	92.4	96.6	96.0	92.3
History of Art	0.2	0.9	1.3	3.3	15.3
Home Economics: Food	0.6	2.0	3.8	4.2	4.2
Humanities: Single	0.0	0.2	0.0	0.0	0.0
Information & Communications Technology	27.6	34.2	34.9	33.5	17.9
Italian	8.7	10.9	12.2	14.1	19.7
Japanese	0.9	3.1	5.6	5.5	12.5

Subject	Group I	Group II	Group III	Group IV	Group V
Latin	0.7	0.9	3.9	9.2	47.8
Law	32.8	36.0	32.5	24.4	5.4
Logic/ Philosophy	5.6	9.4	10.7	10.1	12.7
Mathematics	90.2	97.4	97.9	98.4	95.9
Mathematics (Further)	34.3	59.3	77.3	84.2	87.5
Mathematics (Pure)	1.1	0.2	0.4	0.4	0.6
Mathematics (Statistics)	1.9	2.0	2.1	3.3	1.3
Media/Film/TV Studies	58.4	61.9	59.8	54.4	17.7
Modern Greek	2.0	1.8	3.0	4.6	3.0
Modern Hebrew	0.2	0.6	0.0	0.4	1.8
Music	16.0	34.8	52.9	60.3	70.5
Music Technology	9.3	16.5	25.3	22.5	13.8
Other Classical Languages	0.2	0.2	0.0	0.2	0.9
Persian	4.1	3.0	4.1	4.6	2.4
Physical Education/Sports Studies	31.2	56.2	68.7	69.4	63.1
Physics	72.5	88.4	93.2	92.9	91.7
Polish	14.3	20.0	20.6	18.3	12.0
Portuguese	8.2	8.7	9.9	7.9	4.4
Psychology	83.5	91.1	91.2	89.9	67.9
Punjabi	2.6	2.4	2.8	2.4	1.7
Religious Studies	42.1	63.2	70.4	74.5	76.4
Russian	8.0	10.7	14.4	16.3	30.8
Science in Society	0.2	1.5	0.8	1.1	0.2
Social Science: Citizenship	4.1	3.0	2.1	1.5	0.4
Sociology	70.7	77.3	70.0	68.7	25.1
Spanish	24.3	46.6	59.3	61.4	75.5
Turkish	5.9	8.1	6.6	9.0	3.3
Urdu	5.8	6.3	4.3	3.8	1.7
Use of Mathematics	2.2	4.3	5.3	3.7	0.2
World Development	2.0	3.1	2.4	2.2	0.7

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

Subject	Low deprivation Group A	Group B	Group C	Group D	High deprivation Group E
Accounting/Finance	4.0	5.0	4.8	5.8	7.8
Additional Mathematics	2.0	1.5	1.0	0.5	0.5
Ancient History	2.0	1.8	0.8	0.3	0.3
Anthropology	0.0	0.8	0.5	0.5	0.5
Arabic	3.3	3.3	5.0	8.3	19.4
Archaeology	0.5	0.5	0.8	0.3	0.0
Art & Design	35.3	34.0	35.5	32.7	34.5
Art & Design (3d Studies)	1.5	2.8	1.3	3.0	2.0
Art & Design (Critical Studies)	0.3	1.0	0.3	0.5	0.5
Art & Design (Fine Art)	58.7	65.0	54.7	48.1	34.3
Art & Design (Graphics)	13.4	16.4	10.1	9.6	10.1
Art & Design (Photography)	45.6	52.1	48.6	41.6	32.7
Art & Design (Textiles)	20.4	22.4	16.1	16.6	13.4
Bengali	0.0	0.3	0.3	0.5	4.3
Biology	92.9	95.0	90.7	87.2	80.6
Business Studies: Single	64.7	59.9	51.4	49.9	39.8
Chemistry	91.9	92.7	88.9	82.9	79.6
Chinese	14.4	13.6	12.3	10.1	12.3
Classical Civilisation	8.6	10.1	10.1	6.0	5.0
Classical Greek	0.5	1.0	0.0	0.8	0.3
Classics (General)	1.5	1.5	1.5	0.8	0.8
Communication Studies	4.8	3.3	2.0	2.3	0.8
Computer Studies/Computing	32.2	29.7	23.9	16.9	12.6
Creative Writing	3.5	6.0	5.5	3.8	4.3
Critical Thinking	3.3	3.3	2.0	0.8	0.0
D&T Food Technology	20.4	18.4	13.1	8.3	0.8
D&T Product Design	74.8	69.8	58.2	50.1	32.0
D&T Systems & Control	3.8	2.5	4.3	1.3	0.3
D&T Textiles Technology	23.2	21.2	14.6	8.1	6.3
Dance	15.9	18.1	14.4	14.4	5.8
Drama & Theatre Studies	70.5	66.8	51.9	44.3	32.2
Dutch	1.5	2.5	2.5	4.3	7.6
Economics	69.5	56.4	44.8	41.3	46.6
Electronics	3.5	2.5	1.5	0.8	0.8
English Language	54.2	46.6	45.1	36.3	19.1
English Language & Literature	28.5	32.0	30.2	27.5	20.2
English Literature	91.2	92.9	87.9	84.4	78.8
Environmental Science	4.8	4.5	3.3	0.8	0.3
Expressive Arts & Performance Studies	2.5	1.8	2.3	2.8	0.5
Film Studies	16.6	21.9	19.1	17.1	14.4
French	76.8	68.0	57.7	45.8	39.8
General Studies	32.5	31.2	24.7	15.1	3.5
Geography	91.4	91.4	85.6	73.0	59.7
Geology	8.1	6.8	3.8	0.5	0.3
German	54.7	42.6	33.0	27.5	19.1
Government & Politics	45.6	44.6	36.0	30.0	34.3
Gujarati	0.0	0.0	0.3	0.8	1.3
History	92.4	96.0	94.2	89.4	79.6
History of Art	0.8	0.8	0.5	0.3	0.5
Home Economics: Food	3.8	2.8	2.0	0.8	0.5
Information & Communications Technology	30.2	34.3	28.2	25.2	24.2
Italian	9.3	7.1	9.1	13.6	14.1
Japanese	6.5	2.3	2.0	3.5	2.8
Latin	8.3	6.0	4.0	3.3	2.0

Subject	Group A	Group B	Group C	Group D	Group E
Law	22.7	27.7	25.4	22.2	22.7
Logic/ Philosophy	9.3	4.8	5.0	4.8	6.8
Mathematics	93.7	96.2	94.7	93.7	87.2
Mathematics (Further)	83.4	76.6	63.7	51.6	40.8
Mathematics (Pure)	1.3	0.0	0.5	0.8	0.5
Mathematics (Statistics)	2.3	1.8	0.8	1.0	0.3
Media/Film/TV Studies	57.4	56.9	57.7	52.6	52.1
Modern Greek	2.3	2.3	3.3	3.3	3.3
Modern Hebrew	0.3	0.8	1.5	0.0	0.3
Music	66.8	52.4	42.1	32.0	16.6
Music Technology	25.9	21.2	14.9	11.3	8.1
Other Classical Languages	0.0	0.5	0.5	0.0	0.3
Persian	2.0	1.0	1.8	4.8	9.6
Physical Education/Sports Studies	81.9	75.1	63.2	44.1	19.4
Physics	91.4	91.9	85.4	82.6	73.0
Polish	11.1	13.9	18.9	21.4	27.2
Portuguese	2.3	4.0	3.8	11.1	18.1
Psychology	88.9	90.2	89.7	83.1	79.8
Punjabi	1.3	2.0	1.5	3.8	6.0
Religious Studies	70.5	70.3	62.5	56.9	56.7
Russian	10.6	8.1	7.8	10.1	10.8
Science in Society	0.8	1.0	0.8	0.5	0.5
Social Science: Citizenship	1.0	1.8	2.5	2.0	2.3
Sociology	64.5	69.5	68.5	70.5	74.8
Spanish	58.2	51.1	42.3	38.8	39.8
Turkish	2.8	4.3	5.3	7.1	15.6
Urdu	0.5	2.8	3.0	5.5	14.1
Use of Mathematics	1.0	2.3	1.0	1.8	0.8
World Development	2.5	1.5	0.8	2.0	1.0

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

Subject	Boys	Girls	Mixed
Accounting/Finance	2.7	1.2	10.4
Additional Mathematics	6.0	0.3	1.7
Ancient History	5.3	1.2	1.7
Anthropology	0.0	0.0	1.0
Arabic	8.0	8.5	7.7
Archaeology	0.0	0.0	1.7
Art & Design	19.3	29.7	33.2
Art & Design (3d Studies)	0.7	1.5	3.5
Art & Design (Critical Studies)	1.3	0.9	1.2
Art & Design (Fine Art)	34.7	43.5	55.4
Art & Design (Graphics)	8.0	6.2	15.9
Art & Design (Photography)	11.3	25.9	47.0
Art & Design (Textiles)	0.0	17.6	20.6
Bengali	0.0	1.2	1.0
Biology	58.7	73.5	90.8
Business Studies: Single	30.7	40.9	60.6
Chemistry	60.7	71.2	89.0
Chinese	16.7	28.2	19.3
Classical Civilisation	16.7	30.3	12.8
Classical Greek	10.7	7.6	2.1
Classics (General)	2.7	1.5	1.7
Communication Studies	2.0	1.2	4.4
Computer Studies/Computing	26.7	5.3	25.4
Creative Writing	1.3	2.9	5.5
Critical Thinking	1.3	2.9	1.9
D&T Food Technology	1.3	8.8	10.4
D&T Product Design	36.0	21.8	54.9
D&T Systems & Control	3.3	0.3	2.3
D&T Textiles Technology	0.0	13.8	11.8
Dance	0.0	6.5	14.6
Drama & Theatre Studies	30.0	50.3	54.9
Dutch	0.7	2.4	4.3
Economics	50.7	55.0	57.4
Electronics	6.0	0.3	3.4
English Language	16.7	20.6	42.1
English Language & Literature	12.7	12.6	29.3
English Literature	56.0	70.6	87.6
Environmental Science	0.7	0.3	4.9
Expressive Arts & Performance Studies	0.7	0.9	2.6
Film Studies	4.7	5.6	22.3
French	47.3	59.7	60.9
General Studies	14.7	13.5	19.1
Geography	51.3	65.9	81.3
Geology	4.7	0.9	6.2
German	37.3	37.9	39.1
Government & Politics	44.0	42.6	42.4
Gujarati	0.7	0.9	0.3
History	60.0	70.6	91.3
History of Art	1.3	14.4	2.6
Home Economics: Food	0.7	7.1	2.3
Humanities: Single	0.0	0.0	0.0
Information & Communications Technology	11.3	20.3	30.0
Italian	9.3	13.8	12.6
Japanese	9.3	7.9	4.7

Subject	Boys	Girls	Mixed
Latin	24.7	29.7	8.4
Law	4.7	6.5	28.5
Logic/ Philosophy	8.7	3.5	10.0
Mathematics	69.3	75.3	95.0
Mathematics (Further)	51.3	52.6	67.1
Mathematics (Pure)	0.0	0.9	0.5
Mathematics (Statistics)	1.3	0.6	2.2
Media/Film/TV Studies	12.7	17.6	54.2
Modern Greek	1.3	2.1	2.9
Modern Hebrew	1.3	0.9	0.5
Music	38.0	45.0	44.5
Music Technology	12.0	5.3	18.4
Other Classical Languages	2.7	1.2	0.1
Persian	2.7	2.9	3.9
Physical Education/Sports Studies	36.7	37.9	57.8
Physics	58.7	63.2	87.2
Polish	10.7	10.3	17.7
Portuguese	2.7	3.5	8.3
Psychology	35.3	68.8	84.6
Punjabi	0.7	1.2	2.5
Religious Studies	40.7	64.7	62.4
Russian	12.7	16.8	15.5
Science in Society	0.0	0.3	0.8
Social Science: Citizenship	0.7	0.0	2.4
Sociology	11.3	29.7	66.2
Spanish	38.7	57.4	50.4
Turkish	3.3	3.8	7.0
Urdu	6.0	5.9	4.1
Use of Mathematics	0.7	0.3	3.5
World Development	1.3	0.9	2.2

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	5.0	6.6	6.6	9.3	49.3
Additional Mathematics	0.2	0.3	1.3	4.7	4.9
Ancient History	0.2	0.7	1.3	3.4	10.4
Anthropology	0.5	0.2	0.8	0.8	5.6
Arabic	6.1	7.6	7.6	7.9	17.4
Archaeology	0.0	0.3	0.4	1.0	19.4
Art & Design	18.9	32.7	37.1	36.2	38.2
Art & Design (3d Studies)	0.8	2.1	2.7	4.4	15.3
Art & Design (Critical Studies)	0.3	0.8	1.0	1.3	6.9
Art & Design (Fine Art)	22.7	50.9	62.5	66.5	78.5
Art & Design (Graphics)	4.9	8.4	15.0	17.2	64.6
Art & Design (Photography)	19.2	43.7	49.2	46.6	84.0
Art & Design (Textiles)	6.0	17.2	20.4	22.9	61.8
Bengali	0.5	0.5	1.1	1.2	2.8
Biology	47.9	95.6	98.7	100.0	99.3
Business Studies: Single	26.6	49.9	65.3	73.6	94.4
Chemistry	43.3	91.8	98.9	100.0	100.0
Chinese	11.0	15.9	23.5	25.8	35.4
Classical Civilisation	3.3	9.2	16.0	24.9	44.4
Classical Greek	0.3	1.3	3.4	8.1	3.5
Classics (General)	0.0	0.7	1.7	4.4	2.8
Communication Studies	1.1	2.5	3.1	5.1	22.2
Computer Studies/Computing	3.9	13.0	21.9	42.3	78.5
Creative Writing	2.2	5.6	4.9	5.2	13.2
Critical Thinking	0.5	0.5	1.6	3.5	11.8
D&T Food Technology	1.6	5.4	11.7	19.9	9.7
D&T Product Design	13.2	41.9	64.6	75.4	50.7
D&T Systems & Control	0.0	0.5	2.7	5.2	1.4
D&T Textiles Technology	1.6	7.9	13.9	22.4	9.0
Dance	2.5	8.7	12.8	18.2	54.2
Drama & Theatre Studies	13.4	41.5	67.0	77.6	89.6
Dutch	1.4	2.6	4.2	5.6	11.8
Economics	17.5	41.9	68.0	87.5	96.5
Electronics	0.0	0.3	1.6	6.6	24.3
English Language	16.7	32.2	42.6	49.7	84.7
English Language & Literature	14.0	21.2	27.9	32.5	69.4
English Literature	48.8	87.2	95.2	97.6	99.3
Environmental Science	0.8	3.3	3.3	5.4	22.9
Expressive Arts & Performance Studies	0.5	1.5	1.9	2.2	16.0
Film Studies	4.7	14.1	21.0	23.2	80.6
French	17.0	45.2	73.7	91.8	97.2
General Studies	4.3	11.7	21.9	30.5	34.0
Geography	32.8	78.2	93.2	97.8	99.3
Geology	0.0	2.1	4.2	8.2	40.3
German	9.6	23.3	45.2	67.2	77.1
Government & Politics	9.3	28.6	48.7	70.7	93.8
Gujarati	0.5	0.3	0.6	0.2	0.0
History	50.4	93.8	98.9	99.2	100.0
History of Art	1.1	3.3	5.1	5.1	8.3
Home Economics: Food	2.0	2.0	3.5	2.9	5.6
Humanities: Single	0.2	0.0	0.0	0.0	0.0
Information & Communications Technology	10.9	24.5	31.8	36.5	57.6
Italian	3.3	10.2	13.9	17.5	34.7
Japanese	0.9	3.1	6.2	8.8	14.6

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Latin	2.0	7.2	13.9	24.2	9.7
Law	12.1	22.2	24.0	28.5	79.2
Logic/ Philosophy	2.0	3.3	7.5	15.0	51.4
Mathematics	63.5	97.9	99.7	100.0	100.0
Mathematics (Further)	16.4	53.2	80.0	95.8	100.0
Mathematics (Pure)	0.5	0.7	0.6	0.5	0.0
Mathematics (Statistics)	0.3	0.5	2.2	1.9	14.6
Media/Film/TV Studies	19.5	48.6	56.7	53.4	89.6
Modern Greek	0.8	2.0	2.7	4.2	8.3
Modern Hebrew	0.5	0.8	0.4	0.7	1.4
Music	9.0	29.7	52.2	76.3	79.2
Music Technology	2.0	10.7	18.3	26.4	52.8
Other Classical Languages	0.9	0.3	0.2	0.2	0.0
Persian	3.3	2.0	4.6	4.2	5.6
Physical Education/Sports Studies	13.9	41.5	68.5	81.8	86.1
Physics	38.7	88.2	96.5	100.0	100.0
Polish	8.2	16.1	16.4	19.0	43.8
Portuguese	3.0	6.2	8.3	7.1	27.8
Psychology	46.8	87.2	91.1	87.9	98.6
Punjabi	1.3	2.6	2.2	3.0	2.1
Religious Studies	20.5	57.5	74.7	84.7	82.6
Russian	5.8	11.2	19.8	20.5	29.2
Science in Society	0.0	0.7	0.7	1.0	2.8
Social Science: Citizenship	1.1	1.8	2.2	1.7	7.6
Sociology	30.4	62.2	66.2	66.7	95.8
Spanish	14.2	39.9	58.9	77.6	93.8
Turkish	2.0	4.8	7.4	7.9	20.1
Urdu	3.3	3.6	3.9	5.9	9.7
Use of Mathematics	0.6	0.3	1.6	3.0	32.6
World Development	0.6	1.3	1.0	2.4	15.3

References

Gill, T. (2015). *Provision of GCE A level subjects in 2014. Statistics Report Series No. 83.* Cambridge Assessment. Available at
http://www.cambridgeassessment.org.uk/our-research/all-published-resources/statistical-reports/