

Provision of GCSE subjects 2014

Statistics Report Series No.81

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April 2015

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Introduction

This report looks at the provision of GCSE (and IGCSE¹) subjects in England in 2014. For the remainder of the report 'GCSEs' will be used to refer to both GCSEs and IGCSEs. Provision is defined as the number or percentage of schools with at least one student taking the subject.

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 (Table 9). Very small schools (with fewer than 10 students taking GCSEs) were excluded from the analysis, as these are unlikely to be mainstream 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). This is a database of results for all students in all subjects in schools and colleges in England. This report presents only the provision of GCSE subjects in schools with pupils taking GCSEs in 2014. Provision of applied and short course GCSEs was not investigated. Only accredited IGCSEs were counted in this report as non-accredited versions of these qualifications are no longer included in the NPD extract.

School Type

There are several different types of school offering GCSEs. For this report these were classified into five groups (Table 1). Although some sixth form and further education colleges also offer GCSEs, these are relatively rare and GCSEs are not their main focus. Therefore, they were excluded from the analysis. Other non-maintained schools, such as special schools, were also excluded.

Table 1: School type

School Type	Number of Schools	Percentage
Academy	1,290	34.3
Comprehensive	1,558	41.4
Grammar	74	2.0
Independent	749	19.9
Secondary Modern	95	2.5

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 mean GCSE, calculated by converting grades to scores (A*=8, A=7, B=6 etc).

¹ These qualifications are officially called Level 1 / Level 2 Certificates, but are commonly referred to as IGCSEs.

A frequency distribution of these scores was obtained and used to allocate the schools into five approximately equally sized attainment groups. The cut-off points for these groups are shown in Table 2, along with the minimum, maximum and mean for each group. 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 ↓ ↓ ↓ High	Group I	798	0.0	4.2	3.5
	Group II	799	4.2	4.7	4.4
	Group III	799	4.7	5.1	4.9
	Group IV	799	5.1	5.7	5.4
	Group V	798	5.7	8.0	6.5

There were 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 level of deprivation that a student experiences was measured using a Government index, based on home postcode. The Income Deprivation Affecting Children Index (IDACI) is the proportion of children in a very small geographical area (Lower Layer Super Output Area or LSOA) who live in families that are income deprived. For each individual student this measure varies between 0 and 1. The level of deprivation in a school was taken as the average of the deprivation experienced by the students attending it.

The IDACI measure 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 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 on average, and group E schools with students experiencing high deprivation.

Table 3: School deprivation level

	School Deprivation Group	Number of Schools	Minimum	Maximum	Mean
Low ↓ ↓ ↓ High	Group A	627	0.00	0.12	0.09
	Group B	627	0.12	0.17	0.14
	Group C	627	0.17	0.23	0.20
	Group D	627	0.23	0.33	0.28
	Group E	627	0.33	0.71	0.42

School gender

A variable categorising schools by their gender make-up was created. The categorisation 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	256	6.8
Girls	427	11.3
Mixed	3,104	82.0

School size

In Table 5 schools were classified into five groups according to their size (based on the number of students taking at least one GCSE). 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	267	7.1
30-59	244	6.4
60-119	613	16.2
120-239	2,159	57.0
240 or greater	504	13.4

Obviously school size is important for provision because a larger school is more likely to have viable numbers for minority subjects.

Provision of individual GCSE subjects

The provision of individual GCSE 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 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 independent schools tend to have fewer students taking GCSEs than other school types (with 29.8% having fewer than 30 students taking GCSEs and only 0.3% with more than 240 students). In contrast, only 0.4% of comprehensive schools had fewer than 30 students taking GCSEs, with 17.8% having more than 240 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	1.6	1.7	11.0	68.8	16.8
Comprehensive	0.4	1.5	12.8	67.5	17.8
Grammar	1.4	.	24.3	74.3	.
Independent	29.8	25.2	31.4	13.4	0.3
Secondary Modern	1.1	5.3	18.9	68.4	6.3

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	8.8	5.5	18.4	57.7	9.6
Group II	2.3	1.5	12.1	71.0	13.1
Group III	4.5	2.1	9.4	63.2	20.8
Group IV	9.0	6.9	6.7	57.6	19.8
Group V	10.7	16.3	35.2	35.2	2.6

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

School Deprivation Group	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Group A	0.5	1.0	10.7	63.4	24.4
Group B	1.3	1.0	11.6	66.9	19.2
Group C	1.6	2.1	11.4	69.9	15.0
Group D	2.0	1.8	12.0	72.0	12.2
Group E	3.0	3.5	16.9	65.6	11.0

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

School Gender	School size				
	Less than 30	30-59	60-119	120-239	240 or greater
Boys School	14.1	4.7	25.0	55.1	1.2
Girls School	11.7	18.7	29.0	38.4	2.1
Mixed School	5.8	4.9	13.7	59.7	15.9

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 66.3% of secondary modern schools offered Chemistry GCSE, compared with 95.9% of grammar schools. Table 11 shows that 52.4% of schools in the lowest attainment group offered Chemistry, compared with 70.4% of schools in the highest attainment group.

It should be noted that some independent schools prefer non-accredited IGCSEs to GCSEs (or accredited IGCSEs) in particular subjects. They may therefore not offer a GCSE in the subject at

all. This explains why provision is low in independent schools in some compulsory subjects. See Gill (2013) for a detailed analysis of provision of alternative qualifications in English schools.

Table 10: Provision of GCSEs by school type (percentages)

Subject	Academy	Comp	Gram	Indep	Sec Mod
Additional Mathematics	0.2	0.0	0.0	0.0	0.0
Additional Science	92.9	98.7	73.0	56.3	95.8
Ancient History	1.6	1.2	2.7	1.3	1.1
Applied Art & Design	1.5	1.9	0.0	0.1	3.2
Applied Business	0.3	0.2	0.0	0.3	0.0
Applied Engineering	5.8	5.3	8.1	0.5	5.3
Arabic	17.8	19.2	17.6	11.3	10.5
Art & Design	61.8	64.8	51.4	46.9	64.2
Art & Design (3d Studies)	4.3	3.9	0.0	4.4	4.2
Art & Design (Critical Stu	0.4	0.2	0.0	0.0	0.0
Art & Design (Fine Art)	38.5	36.8	51.4	41.4	30.5
Art & Design (Graphics)	10.3	9.6	2.7	4.8	12.6
Art & Design (Photography)	21.2	22.7	9.5	11.2	32.6
Art & Design (Textiles)	15.2	12.7	6.8	10.9	13.7
Astronomy	7.8	7.8	17.6	5.1	4.2
Bengali	3.2	6.4	4.1	0.8	1.1
Biology	80.1	77.6	95.9	59.4	66.3
Business Studies: Single	51.8	48.3	52.7	21.4	30.5
Business Studies & Economics	2.6	3.0	5.4	4.5	2.1
Chemistry	79.0	77.0	95.9	57.7	66.3
Chinese	18.1	16.9	33.8	21.0	11.6
Classical Civilisation	3.6	3.0	6.8	20.3	3.2
Classical Greek	1.1	0.3	2.7	19.8	0.0
Computer Studies/Computing	25.0	18.0	29.7	8.7	10.5
D&T Electronic Products	12.8	12.0	20.3	4.1	7.4
D&T Engineering	0.4	0.4	0.0	0.1	0.0
D&T Food Technology	47.0	50.3	35.1	10.8	41.1
D&T Graphic Products	43.8	47.9	47.3	11.6	33.7
D&T Product Design	39.1	37.9	36.5	13.2	27.4
D&T Resistant Materials	54.7	61.0	45.9	35.9	63.2
D&T Systems & Control	4.9	4.6	5.4	1.6	2.1
D&T Textiles Technology	42.9	46.0	35.1	10.8	36.8
Dance	29.5	28.3	13.5	7.7	25.3
Design & Technology	0.0	0.1	0.0	0.0	0.0
Drama & Theatre Studies	74.9	75.6	66.2	63.4	55.8
Dutch	8.9	8.5	9.5	3.9	1.1
Economics	7.1	4.5	12.2	3.9	2.1
Electronics	0.7	0.3	1.4	2.1	0.0
English Language	96.9	97.6	98.6	65.0	95.8
English Language & Literature	67.8	72.9	6.8	24.8	67.4
English Literature	97.8	98.3	98.6	65.0	95.8
English Studies	1.0	0.3	0.0	0.3	1.1
English for Speakers of other Languages	3.7	3.2	2.7	6.9	2.1
Environmental Science	4.3	5.1	0.0	1.1	3.2
Expressive Arts & Performa	5.0	3.1	2.7	1.1	6.3
Film Studies	9.1	8.0	1.4	0.5	11.6
French	94.1	95.0	97.3	72.0	89.5
Further additional science	19.5	23.1	6.8	5.2	23.2
General Studies	4.3	4.2	1.4	0.9	5.3
Geography	97.1	98.8	100.0	80.2	100.0
Geology	1.8	0.8	4.1	0.7	1.1
German	57.9	53.7	86.5	48.3	21.1
Gujarati	4.0	3.7	4.1	2.3	1.1
Health & Social Care	7.4	8.3	2.7	0.1	8.4

Subject	Academy	Comp	Gram	Indep	Sec Mod
Hindi	0.6	0.2	0.0	0.3	0.0
History	98.0	99.7	98.6	81.4	97.9
Home Economics: Child Development	26.4	27.2	1.4	3.1	18.9
Home Economics: Food	11.6	10.2	16.2	17.6	9.5
Home Economics: Textiles	0.5	0.4	0.0	0.7	1.1
Humanities: Single	5.1	4.8	0.0	1.6	7.4
Information & Communication	45.4	48.1	45.9	38.6	41.1
Irish	0.0	0.1	0.0	0.0	0.0
Italian	18.8	20.3	16.2	15.8	5.3
Japanese	5.3	5.0	13.5	9.9	1.1
Latin	7.8	5.4	29.7	41.9	1.1
Law	4.0	4.4	1.4	1.3	6.3
Mathematics	99.8	99.8	100.0	74.2	100.0
Media/Film/Tv Studies	43.1	46.7	20.3	7.7	42.1
Modern Greek	4.2	5.8	6.8	2.5	5.3
Modern Hebrew	0.6	0.9	0.0	1.6	2.1
Music	78.8	79.3	93.2	74.4	55.8
Office Technology	10.9	11.0	5.4	7.2	9.5
Other Classical Languages	0.1	0.3	0.0	1.7	2.1
Performing Arts	7.6	7.9	2.7	1.9	12.6
Persian	6.6	7.8	2.7	2.4	1.1
Physical Education/Sports	82.8	83.1	86.5	56.6	65.3
Physics	79.2	77.5	95.9	57.4	65.3
Polish	35.7	39.9	12.2	3.5	40.0
Portuguese	19.8	22.7	1.4	4.0	21.1
Preparation for Work	1.7	1.8	0.0	0.4	3.2
Psychology	15.0	13.5	12.2	5.3	18.9
Punjabi	5.0	7.3	9.5	0.9	6.3
Religious Studies	82.5	84.1	83.8	71.6	74.7
Russian	14.7	14.0	14.9	22.2	8.4
Science (Core)	95.2	99.5	73.0	63.7	100.0
Science: Double Award	1.0	0.6	0.0	0.0	4.2
Social Science: Citizenship	9.7	10.8	5.4	2.7	9.5
Sociology	18.8	20.3	6.8	1.6	20.0
Spanish	73.2	74.7	83.8	58.1	70.5
Statistics	34.7	32.5	27.0	15.0	48.4
Turkish	12.4	13.2	9.5	2.5	8.4
Urdu	10.5	15.4	5.4	6.9	6.3

Table 11: Provision of GCSEs by school attainment group (percentages)

Subject	Low attainment			High attainment	
	Group I	Group II	Group III	Group IV	Group V
Additional Mathematics	0.0	0.1	0.1	0.0	0.0
Additional Science	88.7	98.3	97.2	93.8	58.2
Ancient History	1.3	1.2	1.2	1.0	2.2
Applied Art & Design	1.6	1.8	2.1	1.7	0.0
Applied Business	0.6	0.0	0.1	0.3	0.3
Applied Engineering	4.5	4.9	6.6	4.8	2.2
Arabic	17.9	20.3	14.8	19.2	12.3
Art & Design	63.5	63.5	62.5	59.4	50.2
Art & Design (3d Studies)	3.5	3.3	5.4	4.1	3.7
Art & Design (Critical Stu	0.3	0.3	0.1	0.3	0.1
Art & Design (Fine Art)	28.5	36.4	37.1	40.0	48.7
Art & Design (Graphics)	9.1	9.6	10.2	9.4	5.8
Art & Design (Photography)	22.3	23.1	21.5	22.1	10.3
Art & Design (Textiles)	11.4	15.5	14.2	12.9	11.2
Astronomy	3.0	5.9	8.1	10.0	9.1
Bengali	3.8	7.2	4.4	3.7	0.8
Biology	54.7	77.3	84.2	83.4	71.1
Business Studies: Single	30.5	44.4	51.9	58.6	31.0
Business Studies & Economics	1.4	2.3	2.8	4.0	5.3
Chemistry	52.4	76.3	83.8	83.0	70.4
Chinese	10.7	15.4	14.9	20.1	29.8
Classical Civilisation	1.4	2.1	2.7	4.6	22.4
Classical Greek	0.0	0.4	0.4	0.3	21.2
Computer Studies/Computing	12.6	19.2	21.2	23.1	15.7
D&T Electronic Products	6.5	10.9	12.4	13.2	10.0
D&T Engineering	0.1	0.3	0.6	0.3	0.3
D&T Food Technology	38.4	43.3	47.5	50.6	22.7
D&T Graphic Products	33.0	42.6	47.7	46.1	23.2
D&T Product Design	32.1	37.7	38.5	33.8	22.4
D&T Resistant Materials	51.1	61.2	57.3	55.3	41.6
D&T Systems & Control	1.6	3.8	4.8	6.2	3.4
D&T Textiles Technology	29.2	42.1	44.0	46.1	24.0
Dance	19.8	25.9	31.8	29.6	12.9
Design & Technology	0.1	0.0	0.0	0.0	0.0
Drama & Theatre Studies	51.2	69.0	79.8	81.6	75.9
Dutch	8.1	10.0	6.6	8.2	4.9
Economics	3.0	4.4	6.0	5.8	7.2
Electronics	0.3	0.3	0.5	0.5	2.4
English Language	89.3	96.0	97.6	96.9	72.7
English Language & Literature	74.1	74.5	70.4	62.5	19.8
English Literature	89.3	97.2	98.2	96.9	73.6
English Studies	1.2	0.6	0.5	0.5	0.0
English for Speakers of other Languages	4.5	4.4	2.8	4.2	4.9
Environmental Science	4.9	5.6	4.0	4.1	0.5
Expressive Arts & Performa	5.8	4.0	4.0	2.2	1.3
Film Studies	9.8	10.4	8.0	5.7	0.7
French	80.2	93.2	93.8	93.7	85.9
Further additional science	22.7	25.1	18.9	16.3	6.9
General Studies	6.1	5.8	3.3	2.1	0.8
Geography	87.6	97.8	97.2	95.4	92.2
Geology	0.7	0.9	0.9	1.3	2.1

Subject	Group I	Group II	Group III	Group IV	Group V
German	32.0	46.0	56.0	65.6	66.5
Gujarati	2.0	3.6	3.0	4.2	4.2
Health & Social Care	9.0	8.3	7.9	5.4	0.9
Hindi	0.3	0.5	0.1	0.4	0.4
History	89.7	98.8	98.2	97.2	90.4
Home Economics: Child Development	24.7	27.2	26.4	23.4	4.7
Home Economics: Food	8.4	10.1	12.0	11.8	18.3
Home Economics: Textiles	0.6	0.8	0.0	0.8	0.7
Humanities: Single	8.0	6.4	4.6	2.4	0.1
Information & Communication	40.7	44.6	46.2	51.2	41.8
Irish	0.0	0.0	0.0	0.0	0.1
Italian	14.3	17.9	16.0	21.2	21.7
Japanese	1.2	2.6	3.9	10.0	12.6
Latin	1.0	2.2	5.0	10.0	50.2
Law	5.1	5.3	4.6	2.3	1.1
Mathematics	99.3	99.9	99.2	99.4	76.3
Media/Film/Tv Studies	39.9	48.7	48.1	38.4	9.2
Modern Greek	2.9	6.4	4.2	5.3	3.8
Modern Hebrew	0.1	0.8	0.3	1.5	2.1
Music	47.3	71.9	86.4	88.0	90.6
Office Technology	9.7	11.8	11.6	10.7	6.3
Other Classical Languages	0.0	0.3	0.0	1.0	1.4
Performing Arts	7.5	10.9	6.0	6.6	2.0
Persian	7.1	7.4	5.5	7.2	2.9
Physical Education/Sports	64.7	76.0	86.5	86.1	70.6
Physics	53.7	76.0	84.2	83.0	70.1
Polish	38.6	43.8	32.4	28.7	9.7
Portuguese	22.4	24.5	17.9	16.5	6.2
Preparation for Work	2.7	2.3	0.9	1.3	0.4
Psychology	16.4	16.9	15.7	8.1	5.9
Punjabi	7.2	7.7	4.8	4.4	2.5
Religious Studies	66.0	81.4	84.0	85.0	84.5
Russian	14.6	17.1	9.4	12.9	24.4
Science (Core)	95.2	99.1	98.5	96.4	61.4
Science: Double Award	1.4	1.0	0.6	0.5	0.0
Social Science: Citizenship	10.7	14.7	9.1	7.2	1.6
Sociology	20.5	18.6	19.4	16.8	3.7
Spanish	57.2	70.1	75.2	75.7	73.5
Statistics	36.2	34.5	36.0	27.2	16.2
Turkish	11.7	13.3	11.5	12.0	4.3
Urdu	17.8	16.5	10.2	9.5	4.5

Table 12: Provision of GCSEs by school deprivation group (percentages)

Subject	Low deprivation			High deprivation	
	Group A	Group B	Group C	Group D	Group E
Additional Mathematics	0.0	0.0	0.0	0.2	0.2
Additional Science	92.9	93.9	95.3	95.9	95.4
Ancient History	1.6	2.1	1.0	0.8	1.3
Applied Art & Design	1.9	2.1	1.8	0.8	2.1
Applied Business	0.3	0.2	0.0	0.5	0.2
Applied Engineering	7.1	6.3	6.7	5.1	2.8
Arabic	8.9	7.1	12.4	21.1	41.6
Art & Design	62.1	60.0	60.7	64.7	66.4
Art & Design (3d Studies)	4.2	4.2	3.6	3.8	3.8
Art & Design (Critical Stu	0.2	0.5	0.2	0.3	0.2
Art & Design (Fine Art)	42.1	41.3	40.8	34.3	28.0
Art & Design (Graphics)	9.9	10.2	7.6	9.6	11.7
Art & Design (Photography)	20.6	23.7	23.1	22.6	19.4
Art & Design (Textiles)	13.8	13.5	13.5	12.2	14.8
Astronomy	12.3	9.2	6.8	5.1	5.6
Bengali	0.5	1.3	2.0	4.8	15.3
Biology	90.0	86.9	81.1	70.2	62.0
Business Studies: Single	62.5	51.3	48.1	45.8	36.7
Business Studies & Economics	3.2	3.5	2.4	2.0	3.3
Chemistry	90.0	86.0	80.5	68.5	61.7
Chinese	18.8	17.1	14.1	15.2	22.5
Classical Civilisation	3.1	5.0	4.1	2.0	2.3
Classical Greek	1.5	0.5	0.7	0.3	0.7
Computer Studies/Computing	29.3	21.5	20.5	18.3	15.1
D&T Electronic Products	18.4	13.5	15.9	8.7	4.6
D&T Engineering	0.6	0.5	0.2	0.3	0.3
D&T Food Technology	56.1	53.1	47.0	46.6	35.4
D&T Graphic Products	53.6	51.0	43.3	44.0	34.0
D&T Product Design	38.0	35.6	42.3	36.9	35.7
D&T Resistant Materials	65.2	63.2	57.1	58.8	43.4
D&T Systems & Control	8.7	6.6	3.4	3.0	1.3
D&T Textiles Technology	53.4	47.3	42.1	40.4	34.0
Dance	36.6	29.5	29.8	25.2	18.9
Design & Technology	0.0	0.0	0.0	0.0	0.2
Drama & Theatre Studies	87.7	80.2	71.2	63.3	65.8
Dutch	6.8	4.0	5.0	8.6	17.6
Economics	6.8	6.5	4.4	4.1	6.7
Electronics	1.3	0.5	0.2	0.3	0.0
English Language	99.5	98.9	96.3	95.2	94.2
English Language & Literature	64.1	67.6	72.2	72.7	67.3
English Literature	99.5	99.0	96.9	96.2	95.4
English Studies	0.2	0.5	0.7	1.2	1.0
English for Speakers of other Languages	0.6	2.3	1.8	4.8	7.4
Environmental Science	6.0	4.7	4.7	4.9	2.1
Expressive Arts & Performa	4.2	2.1	3.1	5.1	5.3
Film Studies	6.8	4.5	10.1	11.2	9.4
French	98.2	97.1	94.6	91.1	87.0
Further additional science	15.9	17.6	19.8	25.9	25.5
General Studies	3.7	4.4	4.4	6.1	3.0
Geography	99.7	98.5	97.2	96.7	94.1
Geology	3.2	1.5	0.8	0.5	0.7
German	78.2	64.8	49.9	42.8	37.8
Gujarati	2.1	2.9	2.9	4.8	6.3

Subject	Group A	Group B	Group C	Group D	Group E
Health & Social Care	4.7	5.8	9.6	9.7	8.9
Hindi	0.2	0.2	0.2	0.3	1.0
History	99.7	98.5	98.4	97.9	95.9
Home Economics: Child Development	26.1	28.7	30.1	24.7	18.4
Home Economics: Food	12.6	12.1	11.4	9.9	7.7
Home Economics: Textiles	0.3	0.5	0.5	1.0	0.5
Humanities: Single	3.1	4.0	5.4	6.6	5.8
Information & Communication	42.9	44.2	45.9	48.8	50.2
Irish	0.0	0.2	0.0	0.0	0.0
Italian	16.2	13.2	14.5	19.8	30.6
Japanese	7.6	6.0	5.9	2.1	4.1
Latin	15.2	7.1	4.6	3.6	3.6
Law	3.2	3.2	4.6	5.6	4.4
Mathematics	100.0	99.5	99.8	99.8	99.7
Media/Film/Tv Studies	41.7	42.3	45.0	46.3	45.1
Modern Greek	3.7	4.8	5.5	5.8	5.4
Modern Hebrew	0.5	0.8	1.1	0.8	0.8
Music	94.8	87.3	78.0	69.5	59.4
Office Technology	9.9	9.7	10.1	13.0	10.9
Other Classical Languages	0.2	0.5	0.2	0.3	0.2
Performing Arts	6.5	6.8	10.2	10.0	5.3
Persian	1.5	2.9	3.9	9.1	17.3
Physical Education/Sports	94.0	87.9	81.3	78.7	67.4
Physics	90.0	86.1	80.7	69.4	62.0
Polish	20.1	30.6	38.9	46.5	49.5
Portuguese	9.1	12.7	17.2	23.6	40.8
Preparation for Work	1.3	1.1	2.4	2.0	2.1
Psychology	9.4	13.2	17.1	15.0	16.8
Punjabi	1.9	1.9	5.2	9.9	12.8
Religious Studies	85.4	85.6	81.1	78.4	80.9
Russian	8.3	11.3	13.0	18.6	18.9
Science (Core)	93.5	95.8	97.6	97.9	97.5
Science: Double Award	0.8	0.8	1.1	0.8	0.8
Social Science: Citizenship	3.6	7.6	10.1	11.7	17.8
Sociology	16.0	14.5	19.5	18.1	27.3
Spanish	81.1	75.0	74.1	65.7	71.4
Statistics	32.4	33.4	31.5	33.1	38.2
Turkish	6.0	7.9	8.6	14.7	25.7
Urdu	3.2	4.2	6.3	18.3	31.6

Table 13: Provision of GCSEs by school gender (percentages)

Subject	Boys	Girls	Mixed
Additional Mathematics	0.0	0.0	0.1
Additional Science	65.6	74.2	90.9
Ancient History	2.3	1.4	1.3
Applied Art & Design	0.8	0.9	1.5
Applied Business	0.0	0.0	0.3
Applied Engineering	6.3	0.9	5.0
Arabic	25.8	25.3	15.0
Art & Design	43.4	52.7	62.1
Art & Design (3d Studies)	1.6	2.8	4.4
Art & Design (Critical Stu	0.0	0.0	0.3
Art & Design (Fine Art)	46.1	43.3	37.0
Art & Design (Graphics)	7.0	5.4	9.4
Art & Design (Photography)	13.7	10.5	21.6
Art & Design (Textiles)	0.4	16.9	13.6
Astronomy	10.9	6.8	7.1
Bengali	5.5	4.4	3.8
Biology	65.6	73.3	75.5
Business Studies: Single	38.3	31.1	45.7
Business Studies & Economics	5.9	3.0	3.0
Chemistry	65.6	71.7	74.5
Chinese	30.1	27.2	16.1
Classical Civilisation	14.1	14.3	5.0
Classical Greek	18.0	12.4	2.3
Computer Studies/Computing	25.0	6.8	19.6
D&T Electronic Products	16.8	0.7	11.6
D&T Engineering	0.4	0.0	0.4
D&T Food Technology	13.3	34.4	43.7
D&T Graphic Products	30.5	22.2	41.7
D&T Product Design	25.0	24.4	34.8
D&T Resistant Materials	53.9	18.3	58.2
D&T Systems & Control	5.1	0.2	4.4
D&T Textiles Technology	0.4	45.2	39.3
Dance	2.3	23.0	26.1
Design & Technology	0.0	0.0	0.0
Drama & Theatre Studies	54.7	78.9	72.4
Dutch	5.1	7.5	7.8
Economics	9.8	4.0	5.2
Electronics	3.9	0.0	0.6
English Language	78.5	85.0	92.3
English Language & Literature	41.4	30.7	65.7
English Literature	78.1	85.0	93.0
English Studies	0.0	0.0	0.7
English for Speakers of other Languages	3.9	2.8	4.3
Environmental Science	1.6	0.9	4.4
Expressive Arts & Performa	0.8	2.8	3.7
Film Studies	2.0	1.4	8.0
French	78.1	84.3	91.2
Further additional science	13.3	12.4	19.1
General Studies	2.3	0.5	4.1
Geography	83.2	92.3	95.3
Geology	3.9	0.7	1.0
German	53.9	59.0	52.8
Gujarati	5.1	5.9	3.0
Health & Social Care	0.0	4.9	7.0

Subject	Boys	Girls	Mixed
Hindi	0.4	0.7	0.3
History	88.7	94.4	95.6
Home Economics: Child Development	0.0	14.8	23.9
Home Economics: Food	3.1	19.4	11.9
Home Economics: Textiles	0.0	1.6	0.5
Humanities: Single	1.6	0.9	4.9
Information & Communication	43.4	49.6	44.5
Irish	0.0	0.0	0.0
Italian	23.4	26.5	16.8
Japanese	9.8	11.2	5.1
Latin	31.3	37.7	9.1
Law	1.2	1.2	4.2
Mathematics	85.2	84.3	97.0
Media/Film/Tv Studies	21.5	16.6	41.0
Modern Greek	5.1	4.2	4.6
Modern Hebrew	2.3	2.1	0.7
Music	77.0	82.4	76.8
Office Technology	5.9	10.5	10.3
Other Classical Languages	2.7	2.6	0.1
Performing Arts	2.3	3.7	7.3
Persian	2.7	8.7	5.9
Physical Education/Sports	66.0	65.6	79.5
Physics	66.0	71.4	74.8
Polish	18.0	20.6	33.0
Portuguese	13.7	15.9	17.9
Preparation for Work	0.0	0.7	1.7
Psychology	7.4	8.9	13.5
Punjabi	4.7	4.0	5.5
Religious Studies	84.4	89.0	78.9
Russian	19.5	19.0	14.9
Science (Core)	70.3	77.3	93.5
Science: Double Award	0.4	0.2	0.8
Social Science: Citizenship	8.2	8.0	8.8
Sociology	1.6	13.8	17.2
Spanish	62.1	71.9	71.1
Statistics	27.7	19.2	31.6
Turkish	11.3	12.6	10.2
Urdu	12.5	16.2	10.9

Table 14: Provision of GCSEs by school size (percentages)

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Additional Mathematics	0.0	0.0	0.2	0.0	0.0
Additional Science	57.7	68.4	75.2	93.9	98.6
Ancient History	0.4	0.4	0.8	1.7	1.6
Applied Art & Design	0.0	0.0	1.5	1.4	2.8
Applied Business	0.0	0.0	0.7	0.1	0.6
Applied Engineering	0.4	0.4	2.6	5.7	6.5
Arabic	13.5	12.7	10.3	18.6	21.2
Art & Design	38.6	54.5	57.9	62.8	62.9
Art & Design (3d Studies)	1.9	2.5	3.1	4.2	6.2
Art & Design (Critical Stu	0.0	0.0	0.2	0.3	0.2
Art & Design (Fine Art)	25.1	34.0	42.3	38.3	42.5
Art & Design (Graphics)	3.0	2.5	7.8	9.4	13.7
Art & Design (Photography)	10.5	9.8	10.9	22.2	30.2
Art & Design (Textiles)	8.6	9.0	10.4	13.5	18.8
Astronomy	1.9	2.0	6.2	8.5	8.9
Bengali	1.9	0.8	1.6	4.7	6.3
Biology	44.9	63.1	67.7	79.1	84.7
Business Studies: Single	18.7	18.0	28.4	48.8	65.3
Business Studies & Economics	1.5	2.5	4.4	2.7	5.0
Chemistry	40.1	63.5	65.9	78.5	84.7
Chinese	4.5	12.3	19.7	19.0	23.4
Classical Civilisation	2.2	10.7	14.7	5.0	4.8
Classical Greek	0.4	4.5	11.9	3.7	0.8
Computer Studies/Computing	2.2	7.8	11.7	21.0	30.0
D&T Electronic Products	0.7	0.8	5.1	12.2	21.0
D&T Engineering	0.0	0.0	0.0	0.3	1.2
D&T Food Technology	3.4	17.2	29.0	47.8	55.0
D&T Graphic Products	4.1	9.0	26.1	44.6	61.5
D&T Product Design	3.4	13.1	26.4	38.4	43.1
D&T Resistant Materials	14.6	26.6	54.0	58.4	64.5
D&T Systems & Control	0.0	0.8	2.0	4.4	8.7
D&T Textiles Technology	3.4	10.7	24.0	43.3	58.9
Dance	4.1	7.4	11.7	26.1	49.6
Design & Technology	0.0	0.0	0.2	0.0	0.0
Drama & Theatre Studies	24.0	59.0	69.3	76.5	87.1
Dutch	1.1	2.9	5.7	9.1	8.9
Economics	2.2	3.7	3.8	5.3	9.9
Electronics	0.7	0.8	1.0	0.6	1.2
English Language	68.9	79.5	79.1	95.9	98.6
English Language & Literature	34.8	37.3	44.4	66.8	75.0
English Literature	65.5	78.3	80.9	96.8	99.2
English Studies	0.0	0.0	0.3	0.7	0.6
English for Speakers of other Languages	4.1	4.5	5.7	3.8	3.8
Environmental Science	0.7	2.5	2.4	3.9	7.5
Expressive Arts & Performa	1.1	2.9	2.4	3.6	5.4
Film Studies	1.5	0.8	3.3	8.3	10.9
French	50.6	73.8	87.3	94.9	97.6
Further additional science	5.6	9.4	12.1	20.3	25.4
General Studies	0.7	0.4	2.3	4.4	4.8
Geography	54.3	82.4	95.4	98.8	99.4
Geology	0.0	0.8	0.8	1.3	2.0
German	23.2	36.9	49.4	56.0	72.6
Gujarati	0.4	1.6	2.3	3.5	7.3

Subject	Less than 30	30 to 59	60 to 119	120 to 239	240+
Health & Social Care	0.0	1.6	2.6	7.7	10.1
Hindi	0.0	0.0	0.5	0.4	0.2
History	59.9	85.2	95.3	99.1	100.0
Home Economics: Child Development	4.1	5.3	11.1	24.3	37.7
Home Economics: Food	11.2	23.0	11.7	10.8	13.9
Home Economics: Textiles	0.4	2.0	0.5	0.4	0.8
Humanities: Single	3.0	1.6	2.3	4.7	6.5
Information & Communication	30.7	44.3	38.8	46.3	54.8
Irish	0.0	0.0	0.0	0.0	0.0
Italian	2.6	12.7	17.3	20.9	19.4
Japanese	2.6	6.1	6.7	6.1	7.5
Latin	7.9	25.0	31.0	9.4	9.5
Law	1.1	2.5	1.8	4.4	4.4
Mathematics	91.8	87.3	85.6	97.4	99.8
Media/Film/Tv Studies	6.4	9.0	21.0	43.4	58.1
Modern Greek	0.4	2.0	2.8	5.3	7.1
Modern Hebrew	2.2	2.5	1.1	0.4	1.8
Music	33.7	68.4	79.6	80.8	87.9
Office Technology	8.2	8.6	6.5	10.4	14.5
Other Classical Languages	2.6	3.7	0.5	0.0	0.2
Performing Arts	1.5	2.9	3.6	8.1	8.5
Persian	1.9	2.0	3.1	7.0	9.3
Physical Education/Sports	30.7	60.7	69.7	83.2	92.3
Physics	40.4	65.2	65.7	78.6	85.3
Polish	3.4	2.5	20.9	38.5	36.5
Portuguese	2.2	2.0	12.7	21.5	21.2
Preparation for Work	1.5	0.8	0.8	1.7	1.8
Psychology	5.2	7.0	7.7	14.3	17.7
Punjabi	0.0	0.4	2.8	6.1	10.1
Religious Studies	39.3	68.9	81.1	84.6	89.1
Russian	3.0	12.7	19.6	16.4	15.9
Science (Core)	74.9	80.3	76.8	94.8	99.0
Science: Double Award	0.0	0.4	0.3	0.8	1.2
Social Science: Citizenship	4.1	3.7	4.6	10.2	11.7
Sociology	1.9	2.5	6.2	17.6	33.5
Spanish	25.1	56.1	69.3	75.7	81.3
Statistics	13.9	17.2	25.3	32.4	39.9
Turkish	1.9	2.0	6.2	12.7	15.3
Urdu	11.2	7.8	7.3	11.7	18.5

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