

Age distribution of GCSE candidates in England 2011

Statistics Report Series No.45

Tim Gill

September 2012

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

Introduction

This report is an update of Statistics Report No. 20 (Gill, 2010), which investigated the age distributions of candidates taking GCSEs in 2000, 2004 and 2009. The present report repeats this analysis for 2011.

This report presents the distribution of GCSE entries and candidates by age for June 2011. The results are then broken down by what are considered to be important factors, such as school type and subject. Finally, the most popular subjects taken by candidates of different ages are shown.

Data

The data for this report comes from the National Candidate Results Archive, which consists of all GCSE entries in a particular exam session from all exam boards in England, Wales and Northern Ireland. Data on the examination centre (usually a school) where the candidate is registered is also collected, along with the gender and date of birth of the candidate.

The results archive only lists the syllabus code of each exam, not the subject taken. In order to find the subject the data was matched with the National Pupil Database (NPD), which records all exams taken in England only. This means that only exams taken in English schools are included in the analysis. It also means a small amount of data was lost where the syllabus code did not match a subject in the NPD.

It should be noted that an increasing number of candidates in year 11 (i.e. aged 16) take GCSEs in the January exam session (in particular in maths and English). However, as the data analysed here is from the June exam session only these candidates are not included.

A degree of caution about the date of birth information is needed since it is possible that mistakes are made in data entry. Thus, for this report, ages where there were few candidates and entries were grouped together, creating the following categories: 10 or younger, 11-13, 14, 15, 16, 17, 18, 19, 20-24, 24-55 and 55 and older. It should also be noted that the age refers to the age of the candidate at the end of the 2010/11 academic year (31st August 2011).

Candidates with missing birth dates were excluded, as were those with a date of birth implying an age below 6. It was also assumed that very young candidates (aged 6-10) or elderly candidates would only be likely to be taking one or two GCSEs. Thus, for any of these who were apparently taking more than four it was assumed that the birth date had been typed in incorrectly and they were excluded.

Results

Table 1 presents the number, percentage and cumulative percentage of GCSE entries in June 2011 by age group. Table 2 presents the same data on GCSE candidates. This analysis is broken down by gender in Appendix A.

Age band	Number	Percentage	Cum Percent
10 or younger	68	0.0	0.0
11-13	3,659	0.1	0.1
14	57,625	1.2	1.3
15	311,894	6.5	7.8
16	4,217,163	88.2	96.0
17	104,326	2.2	98.2
18	32,149	0.7	98.9
19	14,594	0.3	99.2
20-24	13,711	0.3	99.5
25-54	24,424	0.5	100.0
55 or older	1,130	0.0	100.0

Table 1: Entries by age band

The vast majority of candidates and entries were from 16 year-olds. The percentage of *entries* by 16 year-olds was much higher (88.2%) than the percentage of 16 year-old *candidates* (61%). The next highest number of entries and candidates were 15 year-olds (6.5% of entries and 21.1% of candidates) and 17 year-olds (2.2% of entries and 5.7% of candidates).

Age band	Number	Percentage	Cum Percent
10 or younger	65	<0.1	<0.1
11-13	3,577	0.4	0.4
14	49,904	5.0	5.4
15	210,978	21.1	26.5
16	609,855	61.0	87.4
17	56,485	5.7	93.1
18	25,006	2.5	95.6
19	11,429	1.1	96.7
20-24	10,918	1.1	97.8
25-54	20,655	2.1	99.9
55 or older	1,058	0.1	100.00

Table 2: Candidates by age band

The difference in the percentages of entries and the percentages of candidates in each age band can be explained by the number of GCSEs taken. Clearly, 16 year-olds take the highest number on average. Table 3 presents the mean number of GCSEs taken in each year by candidates in each age band, broken down by gender.

Candidates aged 16 had by far the largest number of entries, with females taking 7.2 and males 6.8 on average. Candidates aged 17 had the next highest mean number of entries (1.8 for females and 1.9 for males).

Age band	Females	Males	All
10 or younger	1.1	1.0	1.0
11-13	1.0	1.0	1.0
14	1.2	1.2	1.2
15	1.5	1.5	1.5
16	7.2	6.8	7.0
17	1.8	1.9	1.9
18	1.3	1.3	1.3
19	1.3	1.3	1.3
20-24	1.2	1.3	1.3
25-54	1.2	1.2	1.2
55 or older	1.1	1.1	1.1

Table 3: Mean number of entries by age band

School type

It is clear that the type of school can influence the pattern of early entries. For this reason, the data has also been analysed by school type. Obviously, adult learners do not attend some types of schools as pupils (but they can be recorded as entering examinations at a school e.g. by taking evening classes).

In the following tables the entries by age band and school type are presented, along with the mean number of entries per candidate.

Age band	Number	Percentage	Mean No of entries
10 or younger	21	0.0	1.0
11-13	1,989	0.1	1.0
14	40,751	1.3	1.2
15	201,842	6.4	1.4
16	2,852,840	90.6	7.0
17	37,238	1.2	1.9
18	7,734	0.2	1.2
19	2,019	0.1	1.2
20-24	967	0.0	1.1
25-54	2,827	0.1	1.1
55 or older	159	0.0	1.1

Table 4: Entries by age (Comprehensive Schools)

As expected, in comprehensives the vast majority of entries were by candidates aged 16 (90.6%), followed by 15 year-olds (6.4%) and 14 year-olds (1.3%).

Similarly, almost all entries in academy schools (Table 5) were by candidates aged 16. However, a slightly larger percentage of entries were by those aged 15 (8.2%) than in comprehensives.

Age band	Number	Percentage	Mean No of entries
10 or younger	4	<0.1	1.0
11-13	633	0.1	1.0
14	10,219	1.3	1.2
15	63,031	8.2	1.5
16	682,550	88.6	7.0
17	9,402	1.2	1.7
18	2,593	0.3	1.2
19	748	0.1	1.3
20-24	296	0.0	1.2
25-54	720	0.1	1.1
55 or older	53	0.0	1.1

Table 5: Entries by age (City Academies)

Table 6: Entries by age (Grammar Schools)

Age band	Number	Percentage	Mean No of entries
10 or younger	0	0.0	0.0
11-13	65	<0.1	1.0
14	713	0.5	1.0
15	10,083	6.7	2.2
16	138,464	92.2	9.4
17	580	0.4	2.2
18	99	0.1	1.1
19	12	0.0	1.1
20-24	25	0.0	1.2
25-54	135	0.1	1.1
55 or older	19	0.0	1.1

In grammar schools similar percentages of entries to those in comprehensive schools were by candidates aged 16 (92.2%) or 15 (6.7%). However, entries by 17 years olds made up a smaller percentage (0.4%) than in comprehensives. The mean number of entries was considerably higher for 16 year-olds (9.4) than in comprehensives (7.0)

In independent schools (Table 7) around 90% of entries were by candidates aged 16. However, a smaller percentage of entries than in other school types were by candidates aged 15 (4.1%) and a larger percentage of entries were by candidates aged 17 (4.4%).

The mean number of exams taken by 16 year-olds was very similar to that in comprehensives (7.2). However, 17 and 18 year-olds took more GCSEs on average compared to comprehensives and grammars.

Age band	Number	Percentage	Mean No of entries
10 or younger	6	0.0	1.0
11-13	390	0.1	1.0
14	2,118	0.5	1.2
15	16,446	4.1	1.5
16	358,096	90.2	7.2
17	17,314	4.4	4.3
18	1,661	0.4	1.8
19	273	0.1	1.3
20-24	290	0.1	1.2
25-54	442	0.1	1.1
55 or older	28	<0.1	1.1

Table 7: Entries by age (Independent Schools)

In secondary moderns (Table 8), although the vast majority of entries were by 16 year-olds (85.9%), the percentage of entries by 15 year-olds (9.9%) was higher in these schools than it was in any other school type. The average number of GCSEs taken by 16 year-olds (6.2) was slightly lower than in comprehensives.

		··· ·	
Age band	Number	Percentage	Mean No of entries
10 or younger	1	0.0	1.0
11-13	173	0.1	1.0
14	3,225	2.0	1.2
15	15,785	9.9	1.7
16	137,345	85.9	6.2
17	2,444	1.5	1.9
18	534	0.3	1.3
19	139	0.1	1.2
20-24	51	0.0	1.1
25-54	188	0.1	1.1
55 or older	10	0.0	1.0

Table 8: Entries by age (Secondary Modern Schools)

Entries in FE colleges (Table 9) were quite different from those in schools. The highest percentages of entries were from the 25-54 age band (26.9%) and from 17 year-olds (22.9%). There were also high numbers of entries from candidates aged 18-24. There were very few entries by candidates under 17 years old, which is to be expected given there should not be many pupils in FE colleges below the age of 17.

The mean number of entries did not differ much between age groups, with most FE candidates taking only one or two GCSEs, whatever their age.

Age band	Number	Percentage	Mean No of entries
10 or younger	1	<0.1	1.0
11-13	9	<0.1	1.0
14	23	<0.1	1.2
15	258	0.5	1.2
16	1,004	2.0	1.8
17	11,549	22.9	1.5
18	8,879	17.6	1.4
19	6,486	12.8	1.3
20-24	8,290	16.4	1.3
25-54	13,590	26.9	1.2
55 or older	444	0.9	1.1

Table 9: Entries by age (FE Colleges)

Entries in sixth form colleges were mainly by 17 year-olds (54.8%), with a significant number of entries by 18 year-olds (21.2%) and a fairly high number of entries by adult learners. As expected, there were very few entries by under 17 year-olds.

In terms of the number of GCSEs taken by candidates the 17 and 18 year-olds generally only took just over 1 exam on average. These were likely to be either retakes or an extra GCSE taken whist studying for A-levels.

Age band	Number	Percentage	Mean No of entries
10 or younger	2	<0.1	1.0
11-13	12	<0.1	1.0
14	36	0.1	1.0
15	96	0.3	1.8
16	1,694	5.5	4.7
17	16,900	54.8	1.4
18	6,529	21.2	1.2
19	2,642	8.6	1.2
20-24	1,360	4.4	1.3
25-54	1,490	4.8	1.2
55 or older	77	0.2	1.0

Table 10: Entries by age (Sixth Form Colleges)

The pattern for tertiary colleges (Table 11) was fairly similar to sixth form colleges, in that most entries were by 17 and 18 year-olds (35.1% and 20.1% respectively). However, there were higher percentages of entries by adult learners (although not as high as in FE colleges). There were higher percentages of 16 year-old entries (14.9%) than in either FE or sixth form colleges.

Again, most candidates (except those aged 16) only took one or two GCSEs.

Age band	Number	Percentage	Mean No of entries
10 or younger	0	0.0	0.0
11-13	3	<0.1	1.0
14	3	<0.1	1.0
15	14	0.1	1.3
16	1,813	14.9	5.7
17	4,280	35.1	1.2
18	2,454	20.1	1.2
19	1,320	10.8	1.2
20-24	982	8.1	1.2
25-54	1,268	10.4	1.2
55 or older	48	0.4	1.1

Table 11: Entries by age (Tertiary Colleges)

Key subjects

The patterns of entries for the most common GCSE subjects are given in this report (full tables for all GCSE subjects can be found in Appendix B).

On the following pages the age distribution for entries in key subjects is presented.

Age band	Number	Percentage
10 or younger	2	0.0
11-13	89	0.0
14	1,515	0.3
15	48,576	8.3
16	483,702	82.3
17	27,736	4.7
18	10,361	1.8
19	5,167	0.9
20-24	4,353	0.7
25-54	6,153	1.0
55 or older	174	0.0

Table 12: Entries by age (English Language)

For English language GCSE (Table 12), entries were mainly by 16 year-olds, but there were a substantial number by 15 and 17 year-olds. English language was also fairly popular amongst adult learners, presumably many of whom need the qualification to help them get into higher education or employment.

In English literature (Table 13), the vast majority of entries were by 16 year-olds (96.4%), followed by 15 and 17 year-olds (2.6% and 0.9% respectively). There were very few entries by adult learners or those younger than 15.

Age band	Number	Percentage
10 or younger	0	0.0
11-13	7	<0.1
14	82	<0.1
15	12,012	2.6
16	437,837	96.4
17	3,874	0.9
18	257	0.1
19	75	<0.1
20-24	70	<0.1
25-54	101	<0.1
55 or older	8	<0.1

Table 13: Entries by age (English Literature)

Maths (Table 14) was the most popular subject taken by under 16 year-olds, with 14.9% of entries by 15 year-olds and 1.4% by 14 year-olds. It was also taken by a significant percentage of 17 year-olds (4.6%) and 18 year-olds (2%). It was another subject popular amongst adult learners, again presumably to assist with getting a job or entry to higher education.

Age band	Number	Percentage
10 or younger	38	0.0
11-13	1,088	0.2
14	10,224	1.4
15	105,488	14.9
16	519,595	73.4
17	32,570	4.6
18	14,380	2.0
19	6,577	0.9
20-24	6,236	0.9
25-54	11,627	1.6
55 or older	425	0.1

Table 14: Entries by age (Mathematics)

Core science (Table 15) had a fairly high percentage of entries by candidates aged 15 (9.0%), in contrast to additional science which was almost entirely taken by 16 year-olds (97.8%). This is not surprising given that additional science builds on knowledge gained in core science. Many of the candidates taking core science a year early then go on to take additional science when they are 16.

Core science was also fairly popular amongst adult learners, but very few took additional science.

-	Core Science		Additional	Science
Age band	Number	Percentage	Number	Percentage
10 or younger	2	<0.1	0	0.0
11-13	13	<0.1	2	<0.1
14	2,810	0.7	8	<0.1
15	34,003	9.0	1642	0.6
16	330,207	87.3	253,417	97.8
17	5,583	1.5	3,202	1.2
18	1,354	0.4	437	0.2
19	638	0.2	142	0.1
20-24	1,123	0.3	133	0.1
25-54	2,483	0.7	143	0.1
55 or older	54	<0.1	3	<0.1

Table 15: Entries by age (Combined Science)

Table 16: Entries by age (Biology)

Age band	Number	Percentage
Age band	Number	reiteinage
10 or younger	0	0.0
11-13	5	<0.1
14	315	0.2
15	1,776	1.3
16	134,297	94.5
17	2,470	1.7
18	682	0.5
19	426	0.3
20-24	705	0.5
25-54	1,369	1.0
55 or older	24	<0.1

Table 17: Entries by age (Chemistry)

Age band	Numbor	Percentage
Aye banu	Number	reicentage
10 or younger	0	0.0
11-13	0	0.0
14	42	<0.1
15	1,226	0.9
16	131,669	97.3
17	1,720	1.3
18	269	0.2
19	131	0.1
20-24	118	0.1
25-54	129	0.1
55 or older	5	<0.1

Age band	Number	Percentage
10 or younger	0	0.0
11-13	0	0.0
14	1,444	0.7
15	5,159	2.6
16	192,048	95.8
17	1,502	0.7
18	103	0.1
19	35	0.0
20-24	29	0.0
25-54	103	0.1
55 or older	7	0.0

Table 18: Entries by age (Physics)

The pattern amongst each of the separate sciences (Tables 16-18) was very similar. Most entries were by 16 year-olds, with just over 1% by 17 year-olds. However, a slightly higher percentage of entries in biology were by 15 year-olds (1.3%) than in chemistry (0.9%) or physics (0.8%).

Age band	Number	Percentage
10 or younger	0	0.0
11-13	1	<0.1
14	1,026	0.6
15	4,228	2.6
16	158,154	95.7
17	1,730	1.0
18	94	0.1
19	14	<0.1
20-24	14	<0.1
25-54	18	<0.1
55 or older	6	<0.1

Table 19: Entries by age (Geography)

Table 20: Entries by age (History)

Age band	Number	Percentage
10 or younger	0	0.0
11-13	0	0.0
14	27	<0.1
15	1,138	0.8
16	130,637	97.5
17	1,571	1.2
18	231	0.2
19	131	0.1
20-24	111	0.1
25-54	128	0.1
55 or older	6	<0.1

Geography and history (Tables 19 and 20) had very high percentages of entries by 16 year-olds. The percentage of entries by 15 year-olds in geography (2.6%) was higher than in history (0.8%). Neither subject was popular amongst adult learners.

In both French and German (Tables 21 and 22), there were substantial percentages of early takers, mainly 15 year-olds, but many at age 14. These two subjects were amongst the most popular for 11-13 year-olds. Many of these candidates will be native speakers of the language.

Age band	Number	Percentage
10 or younger	2	<0.1
11-13	186	0.1
14	5,579	3.9
15	7,543	5.3
16	127,639	89.7
17	1,043	0.7
18	64	<0.1
19	18	<0.1
20-24	24	<0.1
25-54	186	0.1
55 or older	45	<0.1

Table 21: Entries by age (French)

Table 22: Entries by age (German)

Age band	Number	Percentage
Age ballu	Number	i ercentaye
10 or younger	0	<0.1
11-13	127	0.2
14	1,519	2.6
15	2,638	4.5
16	53,870	91.9
17	360	0.6
18	22	<0.1
19	4	<0.1
20-24	5	<0.1
25-54	48	0.1
55 or older	7	<0.1

Most popular subjects taken by different ages

It is of interest to look at the most popular subjects taken by candidates who are not the usual age for taking GCSEs. This is both in terms of the absolute number of candidates, and also the percentage of all candidates taking the subject.

15 year-old candidates

Table 23 presents the ten most popular subjects taken by candidates aged 15. The left side presents the subjects with the highest entries; the right side presents the subjects with the highest percentages of 15 year old candidates.

Subject	Entries	Subject	Percentage
Mathematics	105,488	Other Classical Languages	73.1
English Language	48,576	Methods in Mathematics	63.1
Science (Core)	34,003	Applications of Mathematics	48.3
Statistics	15,831	Computer Studies/Computing	40.2
Religious Studies	15,222	Polish	35.7
English Literature	12,012	Modern Hebrew	33.9
French	7,543	Portuguese	32.9
Media/Film/Tv Studies	5,462	Turkish	32.4
History	5,159	Gujarati	31.9
Geography	4,228	Statistics	30.5

Table 23: Most popular GCSE subjects taken by 15 year-old pupils

Mathematics was easily the most popular subject in terms of absolute numbers, followed by English language and core science. The numbers of candidates taking maths or English language a year early has increased markedly in recent years.

The subject with the highest percentage of 15 year old candidates was other classical languages, with 73.1% of candidates aged 15, followed by methods in mathematics. The only subject to feature in both tables was statistics.

17 -19 year-old candidates

For older teenagers (Tables 24-26) maths and English language were by far the most popular subjects. Most of these are likely to be re-sits by candidates trying to improve their grades.

For 17 year-olds core science and English literature were also amongst the most popular. Other popular subjects for 18 and 19 year-olds included biology and psychology.

In terms of candidate percentages, high percentages of those taking the Use of Mathematics GCSE were aged 17, 18 or19 (29.7%, 42.6% and 19.1% respectively). However, this qualification is for post-16 students only. Other subjects with relatively high percentages of candidates were general studies, psychology, law, Italian and Japanese. Although 100% of candidates taking the Construction & the Built Environment GCSE were aged 18 (Table 25) only 4 candidates took this course.

Subject	Entries
Mathematics	32,570
English Language	27,736
Science (Core)	5,583
English Literature	3,874
Additional Science	3,202
Biology	2,470
Religious Studies	1,736
Geography	1,730
Chemistry	1,720
Physics	1,571

Subject	Percentage
Use of Mathematics	29.7
General Studies	19.3
Ancient History	14.5
Law	9.6
Chinese	9.0
Psychology	8.9
Italian	8.6
Japanese	8.3
Home Economics	7.1
Persian	6.4

	· · · · · · · · · · · · · · · · · · ·
Subject	Entries
Mathematics	14,380
English Language	10,361
Science (Core)	1,354
Biology	682
Additional Science	437
Psychology	301
Chemistry	269
English Literature	257
General Studies	242
Use of Mathematics	232

Table 25: Most popular GCSE subjects taken by 18 year-old pupils

Subject	Percentage
Construction & the Built Env.	100.0
Use of Mathematics	42.6
Japanese	8.6
Italian	4.9
Chinese	3.6
Classical Greek	3.6
Law	3.3
General Studies	3.0
Psychology	2.6
Arabic	2.6

Table 26: Most popular GCSE subjects taken by 19 year-old pupils

Subject	Entries	Subject	Percentage
Mathematics	6,577	Use of Mathematics	19.1
English Language	5,167	Arabic	1.6
Science (Core)	638	Japanese	1.5
Biology	426	Psychology	1.3
Psychology	152	General Studies	1.1
Additional Science	142	Ancient History	1.0
Chemistry	131	Italian	1.0
Physics	131	Mathematics	0.9
Sociology	108	English Language	0.9
Use of Mathematics	104	Law	0.7

14 year-old candidates

The most popular subjects taken by 14 year-old candidates are presented in Table 27:

Table 27: Most popular	GCSE subjects	taken by 1	4 year-old pupils

Subject	Entries	Subject	Percentage
Mathematics	10,224	Modern Greek	36.1
French	5,579	Expressive Arts & Performance	29.5
Media/Film/Tv Studies	4,790	Welsh (Second Language)	28.6
Humanities: Single	4,428	Humanities: Single	26.0
Statistics	3,636	Polish	23.2
Science (Core)	2,810	Gujarati	22.0
Spanish	2,138	Turkish	20.8
German	1,519	Film Studies	19.6
English Language	1,515	Methods in Mathematics	18.8
History	1,444	Astronomy	18.2

Maths was the most popular subject in terms of absolute numbers by some distance. Modern languages were also popular amongst the 14 year-old pupils, with French, Spanish and German all featuring in the top ten. The subject with the highest percentage of candidates aged 14 was Modern Greek, followed by expressive arts & performance. Other modern languages also featured in the top ten (Polish, Gujarati and Turkish).

11-13 year-old candidates

For the 11-13 year-old age group modern languages dominated, although maths was again the most popular subject in terms of absolute numbers. The subjects with the highest percentages of candidates aged 11 to 13 were all modern languages, with nearly 20% of the candidates taking Dutch GCSE being in this age group.

Subject	Entries	Subject	Percentage
Mathematics	1,088	Dutch	18.3
Polish	391	Punjabi	12.5
Arabic	234	Polish	12.3
Spanish	222	Gujarati	11.8
French	186	Modern Greek	11.3
German	127	Bengali	9.9
Punjabi	113	Arabic	8.7
Portuguese	106	Persian	8.0
Turkish	105	Portuguese	7.5
Bengali	99	Turkish	7.3

Table 28: Most popular GCSE subjects taken by 11-13 year-old pupils

Adult candidates

For the 20-24, 25-54 and 55+ age groups (Tables 29-31) maths and English language were by far the most popular subjects in terms of absolute numbers. Other popular subjects amongst all three age groups were core science, psychology and biology

Modern languages were more popular amongst the older age groups, with Spanish, French and Italian all in the top 10. These subjects are often studied in evening classes.

Different modern languages were in the top 10 subjects in each age group in terms of the percentage of candidates (Japanese, Arabic and Modern Greek). Italian had the highest percentage for both the 25-54 and 55+ age groups and Psychology was also in the top 10 in each age group.

Subject	Entries
Mathematics	6,236
English Language	4,353
Science (Core)	1,123
Biology	705
Psychology	151
Additional Science	133
Chemistry	118
Physics	111
Spanish	73
English Literature	70

Subject	Percentage
Use of Mathematics	8.3
Japanese	1.9
Arabic	1.9
Psychology	1.3
Mathematics	0.9
Modern Greek	0.8
English Language	0.7
Urdu	0.5
Ancient History	0.5
Biology	0.5

Table 29: Most popular GCSE subjects taken by candidates aged 20-24 years

Table 30: Most popular GCSE subjects taken by candidates aged 25-54 years

Subject	Entries	Subject	Percentage
Mathematics	11,627	Italian	4.1
English Language	6,153	Psychology	3.7
Science (Core)	2,483	Astronomy	3.2
Biology	1,369	Japanese	2.8
Spanish	564	Portuguese	2.3
Psychology	421	Modern Greek	1.9
French	186	Arabic	1.8
Italian	175	Punjabi	1.7
Additional Science	143	Mathematics	1.6
Chemistry	129	Law	1.6

Table 31: Most popular GCSE subjects taken by candidates aged 55 and older

Subject	Entries
Mathematics	425
English Language	174
Spanish	148
Italian	91
Science (Core)	54
French	45
Psychology	27
Biology	24
Astronomy	16
Art & Design (Fine Art)	9

Subject	Percentage
Italian	2.1
Astronomy	0.7
Portuguese	0.5
Russian	0.4
Geology	0.3
Japanese	0.3
Spanish	0.2
Psychology	0.2
Law	0.2
Modern Greek	0.2

Reference

Gill, T. (2010). *How old are GCSE candidates?* Statistics Report Series No. 20. Cambridge: Cambridge Assessment.

Appendix A: GCSE entries and candidates by age band and gender (June 2011)

Age band	Number	Percentage	Cum Percent
10 or younger	34	<0.1	<0.1
11-13	1,972	0.1	0.1
14	29,984	1.2	1.3
15	156,615	6.4	7.8
16	2,142,533	88.1	95.9
17	49,773	2.0	97.9
18	16,835	0.7	98.6
19	7,408	0.3	98.9
20-24	7,849	0.3	99.2
25-54	17,930	0.7	100.0
55 or older	758	<0.1	100.0

Entries by age band (female)

Entries by age band (male)

Age band	Number	Percentage	Cum Percent
10 or younger	34	<0.1	<0.1
11-13	1,686	0.1	0.1
14	27,639	1.2	1.2
15	155,277	6.6	7.9
16	2,074,622	88.3	96.2
17	54,548	2.3	98.5
18	15,314	0.7	99.2
19	7,184	0.3	99.5
20-24	5,862	0.2	99.7
25-54	6,492	0.3	100.0
55 or older	371	<0.1	100.0

Candidates by age band (female)

Age band	Number	Percentage	Cum Percent
10 or younger	32	<0.1	0.01
11-13	1,929	0.4	0.39
14	25,990	5.2	5.56
15	104,608	20.8	26.37
16	300,492	59.8	86.16
17	27,945	5.6	91.72
18	13,283	2.6	94.37
19	5,877	1.2	95.54
20-24	6,371	1.3	96.80
25-54	15,351	3.1	99.86
55 or older	717	0.1	100.00

Age band	Number	Percentage	Cum Percent
10 or younger	33	<0.1	0.01
11-13	1,647	0.3	0.34
14	23,912	4.8	5.15
15	106,368	21.4	26.53
16	309,361	62.2	88.74
17	28,539	5.7	94.48
18	11,723	2.4	96.84
19	5,550	1.1	97.95
20-24	4,547	0.9	98.87
25-54	5,302	1.1	99.93
55 or older	340	0.1	100.00

Candidates by age band (male)

Age band	Number	Percentage
14	165	0.6
15	267	0.9
16	28319	97.3
17	309	1.1
18	27	0.1
19	8	0.0
20-24	3	0.0
25-54	8	0.0

subject=Additional Applied Science

subject=Additional Mathematics

Age band	Number	Percentage
11-13	7	0.1
14	59	0.6
15	428	4.1
16	9664	93.3
17	132	1.3
18	21	0.2
19	14	0.1
20-24	17	0.2
25-54	16	0.2
55 or older	1	0.0

subject=Additional Science

Age band	Number	Percentage
11-13	2	0.0
14	8	0.0
15	1642	0.6
16	253417	97.8
17	3202	1.2
18	437	0.2
19	142	0.1
20-24	133	0.1
25-54	143	0.1
55 or older	3	0.0

subject=Ancient History

Age band	Number	Percentage
14	5	2.5
15	26	13.0
16	132	66.0
17	29	14.5
18	5	2.5
19	2	1.0
20-24	1	0.5

subject=Applications of Mathematics

Age band	Number	Percentage
14	22	1.6
15	670	48.3
16	692	49.9
17	1	0.1
25-54	1	0.1

subject=Applied Art & Design

Age band	Number	Percentage
-		
14	13	0.8
15	50	3.2
16	1452	93.6
17	26	1.7
18	2	0.1
20-24	3	0.2
25-54	5	0.3

subject=Applied Business

Age band	Number	Percentage
14	152	1.7
15	478	5.4
16	8013	90.1
17	183	2.1
18	49	0.6
19	10	0.1
20-24	7	0.1

subject=Applied Engineering

Age band	Number	Percentage
15	183	5.0
16	3473	94.1
17	28	0.8
18	5	0.1
19	1	0.0
20-24	2	0.1

subject=Applied ICT

Age band	Number	Percentage
14	2	0.1
15	122	4.0
16	2867	94.1
17	56	1.8

subject=Applied Science

Age band	Number	Percentage
14	77	0.6
15	133	1.0
16	12336	96.9
17	136	1.1
18	26	0.2
19	15	0.1
20-24	5	0.0
25-54	8	0.1

subject=Arabic

Age band	Number	Percentage
11-13	234	8.7
14	377	14.0
15	596	22.1
16	1154	42.9
17	117	4.3
18	69	2.6
19	43	1.6
20-24	50	1.9
25-54	49	1.8
55 or older	2	0.1

Age band	Number	Percentage
11-13	23	0.0
14	958	1.1
15	2379	2.7
16	83061	94.7
17	1122	1.3
18	122	0.1
19	33	0.0
20-24	9	0.0
25-54	29	0.0
55 or older	8	0.0

subject=Art & Design

subject=Art & Design (3d Studies)

Age band	Number	Percentage
14	50	2.0
15	54	2.2
16	2250	91.1
17	79	3.2
18	19	0.8
19	4	0.2
20-24	4	0.2
25-54	9	0.4
55 or older	1	0.0

subject=Art & Design (Critical Studies)

Age band	Number	Percentage
14	1	0.4
15	84	30.1
16	183	65.6
17	9	3.2
18	2	0.7

Age band	Number	Percentage
11-13	2	0.0
14	526	1.0
15	1421	2.7
16	49440	94.6
17	720	1.4
18	79	0.2
19	17	0.0
20-24	5	0.0
25-54	21	0.0
55 or older	9	0.0

subject=Art & Design (Fine Art)

subject=Art & Design (Graphics)

Age band	Number	Percentage
14	23	0.4
15	204	3.4
16	5527	93.4
17	116	2.0
18	27	0.5
19	11	0.2
20-24	4	0.1
25-54	3	0.1
55 or older	1	0.0

subject=Art & Design (Photography)

Age band	Number	Percentage
11-13	2	0.0
14	360	3.1
15	688	6.0
16	9513	83.2
17	576	5.0
18	150	1.3
19	58	0.5
20-24	14	0.1
25-54	63	0.6
55 or older	6	0.1

Age band	Number	Percentage
14	141	1.8
15	228	3.0
16	7105	93.0
17	126	1.6
18	28	0.4
19	7	0.1
20-24	1	0.0
25-54	5	0.1

subject=Art & Design (Textiles)

subject=Astronomy

Age band	Number	Percentage
10 or younger	1	0.0
11-13	45	1.9
14	434	18.2
15	659	27.6
16	993	41.6
17	115	4.8
18	32	1.3
19	10	0.4
20-24	6	0.3
25-54	77	3.2
55 or older	16	0.7

subject=Bengali

Age band	Number	Percentage
10 or younger	2	0.2
11-13	99	9.9
14	111	11.1
15	97	9.7
16	664	66.4
17	14	1.4
18	1	0.1
19	2	0.2
20-24	4	0.4
25-54	6	0.6

Age band	Number	Percentage
11-13	5	0.0
14	315	0.2
15	1776	1.3
16	134297	94.5
17	2470	1.7
18	682	0.5
19	426	0.3
20-24	705	0.5
25-54	1369	1.0
55 or older	24	0.0

subject=Biology

subject=Business Studies:Single

Age band	Number	Percentage
10 or younger	1	0.0
11-13	1	0.0
14	274	0.5
15	1166	2.1
16	53019	95.6
17	812	1.5
18	117	0.2
19	40	0.1
20-24	28	0.1
25-54	8	0.0
55 or older	2	0.0

subject=Business Studies & Economics

Age band	Number	Percentage
14	6	0.2
15	55	1.5
16	3499	96.2
17	68	1.9
18	7	0.2
19	1	0.0

Age band	Number	Percentage
14	325	1.9
15	681	4.0
16	15792	93.1
17	147	0.9
18	13	0.1
19	3	0.0
20-24	1	0.0
25-54	1	0.0

subject=Catering Studies

subject=Chemistry

Age band	Number	Percentage
14	42	0.0
15	1226	0.9
16	131669	97.3
17	1720	1.3
18	269	0.2
19	131	0.1
20-24	118	0.1
25-54	129	0.1
55 or older	5	0.0

subject=Chinese

Age band	Number	Percentage
11-13	79	3.9
14	203	10.1
15	381	19.0
16	1056	52.5
17	180	9.0
18	73	3.6
19	7	0.3
20-24	9	0.4
25-54	18	0.9
55 or older	4	0.2

subject=Classical Civilisation

Age band	Number	Percentage
14	12	0.3
15	106	2.7
16	3657	94.0
17	106	2.7
18	7	0.2
19	1	0.0
25-54	1	0.0

subject=Classical Greek

Age band	Number	Percentage
11-13	1	0.1
14	2	0.2
15	51	4.4
16	999	85.7
17	64	5.5
18	42	3.6
19	3	0.3
20-24	1	0.1
25-54	1	0.1
55 or older	2	0.2

subject=Computer Studies/Computing

Age band	Number	Percentage
15	37	40.2
16	55	59.8

subject=Construction & the Built Environment

Age band	Number	Percentage
18	4	100.0

subject=D&T Electronic Products

Age band	Number	Percentage
14	29	0.3
15	305	3.1
16	9561	96.1
17	54	0.5

subject=D&T Engineering

Age band	Number	Percentage
16	436	99.5
17	2	0.5

subject=D&T Food Technology

Age band	Number	Percentage
14	622	1.1
15	1662	3.0
16	52203	95.1
17	356	0.6
18	14	0.0
19	1	0.0
20-24	1	0.0
25-54	5	0.0

subject=D&T Graphic Products

Age band	Number	Percentage
14	470	1.1
15	1377	3.1
16	42170	95.1
17	293	0.7
18	26	0.1
19	2	0.0
25-54	4	0.0

subject=D&T Product Design

Age band	Number	Percentage
11-13	6	0.0
14	913	2.8
15	1205	3.7
16	30092	92.6
17	284	0.9
18	9	0.0

Age band	Number	Percentage
14	795	1.3
15	1936	3.3
16	55924	94.1
17	710	1.2
18	51	0.1
19	2	0.0
20-24	1	0.0
25-54	4	0.0
55 or older	1	0.0

subject=D&T Resistant Materials

subject=D&T Systems & Control

Age band	Number	Percentage
14	37	0.8
15	60	1.4
16	4257	97.4
17	15	0.3
18	1	0.0

subject=D&T Textiles Technology

Age band	Number	Percentage
11-13	7	0.0
14	326	1.0
15	910	2.7
16	32480	95.8
17	175	0.5
18	9	0.0
20-24	1	0.0
25-54	7	0.0

subject=Dance

	1	
Age band	Number	Percentage
11-13	4	0.0
14	244	1.8
15	675	5.1
16	12142	92.0
17	98	0.7
18	20	0.2
19	4	0.0
20-24	6	0.0

-		
Age band	Number	Percentage
11-13	2	0.0
14	497	0.7
15	2034	2.7
16	72617	95.8
17	664	0.9
18	10	0.0
19	3	0.0
20-24	1	0.0
25-54	2	0.0

subject=Drama & Theatre Studies

subject=Dutch

Age band	Number	Percentage
11-13	93	18.3
14	86	17.0
15	134	26.4
16	162	32.0
17	21	4.1
18	5	1.0
20-24	1	0.2
25-54	5	1.0

subject=Economics

Age band	Number	Percentage
11-13	1	0.0
15	95	2.6
16	3374	93.0
17	144	4.0
18	10	0.3
20-24	2	0.1
25-54	2	0.1

subject=Electronics

Age band	Number	Percentage
15	23	3.9
16	528	88.6
17	31	5.2
18	8	1.3
19	4	0.7

Age band	Number	Percentage
20-24	1	0.2
25-54	1	0.2
	subject=English Lan	nguage
Age band	Numi	ber Percentage
10 or younger		2 0.0
11-13		89 0.0
14	15	515 0.3
15	485	576 8.3
16	4837	702 82.3
17	277	736 4.7
18	103	361 1.8
19	51	0.9
20-24	43	353 0.7
25-54	61	153 1.0
55 or older	1	0.0

subject=English Literature

Age band	Number	Percentage
11-13	7	0.0
14	82	0.0
15	12012	2.6
16	437837	96.4
17	3874	0.9
18	257	0.1
19	75	0.0
20-24	70	0.0
25-54	101	0.0
55 or older	8	0.0

subject=English Studies

Age band	Number	Percentage
11-13	1	0.0
14	285	5.3
15	1326	24.7
16	3587	66.7
17	121	2.2
18	45	0.8
19	11	0.2
25-54	2	0.0

Age band	Number	Percentage
14	64	2.7
15	82	3.4
16	2116	88.2
17	95	4.0
18	23	1.0
19	8	0.3
20-24	6	0.3
25-54	4	0.2

subject=Environmental Science

subject=Expressive Arts & Performance Studies

Age band	Number	Percentage
11-13	58	1.2
14	1420	29.5
15	603	12.5
16	2698	56.1
17	17	0.4
18	8	0.2
19	4	0.1

subject=Film Studies

Age band	Number	Percentage
14	826	19.6
15	355	8.4
16	2721	64.4
17	210	5.0
18	78	1.8
19	17	0.4
20-24	10	0.2
25-54	4	0.1
55 or older	1	0.0

Age band	Number	Percentage
10 or younger	2	0.0
11-13	186	0.1
14	5579	3.9
15	7543	5.3
16	127639	89.7
17	1043	0.7
18	64	0.0
19	18	0.0
20-24	24	0.0
25-54	186	0.1
55 or older	45	0.0

subject=French

subject=General Studies

Age band	Number	Percentage
11-13	1	0.0
14	81	1.0
15	517	6.4
16	5557	68.4
17	1568	19.3
18	242	3.0
19	86	1.1
20-24	31	0.4
25-54	42	0.5
55 or older	3	0.0

subject=Geography

Age band	Number	Percentage
11-13	1	0.0
14	1026	0.6
15	4228	2.6
16	158154	95.7
17	1730	1.0
18	94	0.1
19	14	0.0
20-24	14	0.0
25-54	18	0.0

Age band	Number	Percentage
14	48	5.3
15	80	8.9
16	738	82.1
17	11	1.2
18	12	1.3
20-24	1	0.1
25-54	6	0.7
55 or older	3	0.3

subject=Geology

subject=German

Age band	Number	Percentage
11-13	127	0.2
14	1519	2.6
15	2638	4.5
16	53870	91.9
17	360	0.6
18	22	0.0
19	4	0.0
20-24	5	0.0
25-54	48	0.1
55 or older	7	0.0

subject=Gujarati

Age band	Number	Percentage
10 or younger	2	0.3
11-13	76	11.8
14	142	22.0
15	206	31.9
16	184	28.5
17	22	3.4
18	5	0.8
19	1	0.2
20-24	2	0.3
25-54	5	0.8

Age band	Number	Percentage
14	185	1.1
15	730	4.3
16	15560	92.4
17	284	1.7
18	53	0.3
19	19	0.1
20-24	9	0.1
25-54	2	0.0

subject=History

Age band	Number	Percentage
14	1444	0.7
15	5159	2.6
16	192048	95.8
17	1502	0.7
18	103	0.1
19	35	0.0
20-24	29	0.0
25-54	103	0.1
55 or older	7	0.0

subject=Home Economics

Age band	Number	Percentage
16	13	92.9
17	1	7.1

subject=Home Economics: Child Development

Age band	Number	Percentage
14	149	0.8
15	423	2.3
16	17303	95.4
17	222	1.2
18	33	0.2
19	11	0.1
20-24	3	0.0

Age band	Number	Percentage
14	56	0.5
15	327	3.0
16	10253	94.9
17	154	1.4
18	18	0.2
25-54	1	0.0

subject=Home Economics: Food

subject=Home Economics: Textiles

Age band	Number	Percentage
14	12	4.4
15	48	17.8
16	205	75.9
17	4	1.5
20-24	1	0.4

subject=Hospitality & Catering

Age band	Number	Percentage
14	46	2.0
15	60	2.6
16	2181	94.1
17	22	0.9
18	4	0.2
19	1	0.0
25-54	2	0.1
55 or older	1	0.0

subject=Humanities: Single

Age band	Number	Percentage
11-13	1	0.0
14	4428	26.0
15	1414	8.3
16	10698	62.8
17	344	2.0
18	82	0.5
19	36	0.2
20-24	18	0.1
25-54	11	0.1
55 or older	2	0.0

Age band	Number	Percentage
11-13	11	0.0
14	292	0.9
15	1747	5.3
16	29823	90.8
17	743	2.3
18	131	0.4
19	56	0.2
20-24	26	0.1
25-54	13	0.0

subject=Information & Communications Technology

subject=Italian

Age band	Number	Percentage
11-13	59	1.4
14	229	5.4
15	331	7.8
16	2726	64.3
17	366	8.6
18	209	4.9
19	41	1.0
20-24	15	0.4
25-54	175	4.1
55 or older	91	2.1

subject=Japanese

Age band	Number	Percentage
10 or younger	1	0.1
11-13	60	5.4
14	73	6.6
15	83	7.5
16	636	57.1
17	92	8.3
18	96	8.6
19	17	1.5
20-24	21	1.9
25-54	31	2.8
55 or older	3	0.3

Age band	Number	Percentage
11-13	6	0.1
14	47	0.6
15	446	5.4
16	7600	91.2
17	120	1.4
18	81	1.0
19	11	0.1
20-24	6	0.1
25-54	7	0.1
55 or older	9	0.1

subject=Latin

subject=Law

Age band	Number	Percentage
11-13	4	0.2
14	49	1.9
15	283	10.7
16	1881	71.4
17	254	9.6
18	88	3.3
19	19	0.7
20-24	9	0.3
25-54	43	1.6
55 or older	6	0.2

subject=Leisure & Tourism

Age band	Number	Percentage
14	142	2.7
15	183	3.5
16	4622	88.3
17	225	4.3
18	39	0.7
19	16	0.3
20-24	6	0.1

subject=Manufacturing

Age band	Number	Percentage
15	2	0.1
16	1451	98.8
17	16	1.1

Age band	Number	Percentage
10 or younger	38	0.0
11-13	1088	0.2
14	10224	1.4
15	105488	14.9
16	519595	73.4
17	32570	4.6
18	14380	2.0
19	6577	0.9
20-24	6236	0.9
25-54	11627	1.6
55 or older	425	0.1

subject=Mathematics

subject=Media/Film/Tv Studies

Age band	Number	Percentage
14	4790	7.5
15	5462	8.6
16	52124	81.9
17	946	1.5
18	180	0.3
19	67	0.1
20-24	31	0.0
25-54	4	0.0
55 or older	1	0.0

subject=Methods in Mathematics

Age band	Number	Percentage
14	738	18.8
15	2473	63.1
16	707	18.0
17	1	0.0
25-54	1	0.0

Age band	Number	Percentage
10 or younger	3	0.6
11-13	53	11.3
14	170	36.1
15	121	25.7
16	94	20.0
17	10	2.1
18	6	1.3
20-24	4	0.8
25-54	9	1.9
55 or older	1	0.2

subject=Modern Greek

subject=Modern Hebrew

Age band	Number	Percentage
11-13	9	1.9
14	69	14.7
15	159	33.9
16	213	45.4
17	16	3.4
18	2	0.4
19	1	0.2

subject=Motor Vehicle Studies

Age band	Number	Percentage
15	14	9.8
16	129	90.2

subject=Music

Age band	Number	Percentage
11-13	11	0.0
14	341	0.8
15	1324	3.0
16	41279	94.9
17	509	1.2
18	39	0.1
19	6	0.0
25-54	4	0.0

Age band	Number	Percentage
14	463	2.8
15	1494	9.1
16	14209	86.6
17	192	1.2
18	29	0.2
19	4	0.0
20-24	8	0.0
25-54	10	0.1

subject=Office Technology

subject=Other Classical Languages

Age band	Number	Percentage
11-13	6	1.1
14	57	10.4
15	400	73.1
16	84	15.4

subject=Performing Arts

Age band	Number	Percentage
11-13	2	0.0
14	562	11.8
15	1294	27.1
16	2875	60.3
17	29	0.6
18	7	0.1
19	1	0.0

subject=Persian

Age band	Number	Percentage
11-13	35	8.0
14	76	17.3
15	128	29.2
16	161	36.7
17	28	6.4
18	7	1.6
19	2	0.5
20-24	2	0.5

Age band	Number	Percentage
11-13	1	0.0
14	330	0.3
15	4078	4.0
16	96483	94.9
17	758	0.7
18	33	0.0
19	11	0.0
20-24	4	0.0
25-54	4	0.0
55 or older	1	0.0

subject=Physical Education/Sports Studies

subject=Physics

Age band	Number	Paraantaga
Aye banu	Number	Percentage
14	27	0.0
15	1138	0.8
16	130637	97.5
17	1571	1.2
18	231	0.2
19	131	0.1
20-24	111	0.1
25-54	128	0.1
55 or older	6	0.0

subject=Polish

	1	
Age band	Number	Percentage
11-13	391	12.3
14	739	23.2
15	1135	35.7
16	837	26.3
17	64	2.0
18	12	0.4
19	1	0.0
25-54	2	0.1
55 or older	2	0.1

Age band	Number	Percentage
11-13	106	7.5
14	252	17.9
15	462	32.9
16	485	34.5
17	42	3.0
18	12	0.9
19	5	0.4
20-24	1	0.1
25-54	33	2.3
55 or older	7	0.5

subject=Portuguese

subject=Psychology

Age band	Number	Percentage
11-13	1	0.0
14	119	1.0
15	557	4.8
16	8745	76.0
17	1027	8.9
18	301	2.6
19	152	1.3
20-24	151	1.3
25-54	421	3.7
55 or older	27	0.2

subject=Punjabi

Age band	Number	Percentage
10 or younger	1	0.1
11-13	113	12.5
14	138	15.3
15	196	21.7
16	372	41.2
17	43	4.8
18	15	1.7
19	4	0.4
20-24	4	0.4
25-54	15	1.7
55 or older	1	0.1

Age band	Number	Percentage
11-13	33	0.0
14	544	0.3
15	15222	7.5
16	184703	91.3
17	1736	0.9
18	89	0.0
19	18	0.0
20-24	22	0.0
25-54	44	0.0
55 or older	2	0.0

subject=Religious Studies

subject=Russian

Age band	Number	Percentage
11-13	85	4.5
14	157	8.4
15	306	16.4
16	1153	61.6
17	88	4.7
18	45	2.4
19	4	0.2
20-24	3	0.2
25-54	23	1.2
55 or older	7	0.4

subject=Science (Core)

Age band	Number	Percentage
10 or younger	2	0.0
11-13	13	0.0
14	2810	0.7
15	34003	9.0
16	330207	87.3
17	5583	1.5
18	1354	0.4
19	638	0.2
20-24	1123	0.3
25-54	2483	0.7
55 or older	54	0.0

Age band	Number	Percentage
14	67	0.7
15	636	6.9
16	8337	90.5
17	126	1.4
18	29	0.3
19	14	0.2
20-24	3	0.0

subject=Social Science: Citizenship

subject=Sociology

Age band	Number	Percentage
11-13	4	0.0
14	132	0.7
15	492	2.5
16	17804	90.4
17	814	4.1
18	218	1.1
19	108	0.5
20-24	61	0.3
25-54	52	0.3
55 or older	1	0.0

subject=Spanish

Age band	Number	Percentage
10 or younger	2	0.0
11-13	222	0.4
14	2138	3.5
15	2664	4.3
16	54614	88.7
17	870	1.4
18	215	0.3
19	52	0.1
20-24	73	0.1
25-54	564	0.9
55 or older	148	0.2

Age band	Number	Percentage
10 or younger	1	0.0
11-13	18	0.0
14	3636	7.0
15	15831	30.5
16	32021	61.7
17	302	0.6
18	40	0.1
19	8	0.0
20-24	3	0.0
25-54	9	0.0
55 or older	1	0.0

subject=Statistics

subject=Turkish

Age band	Number	Percentage
10 or younger	8	0.6
11-13	105	7.3
14	297	20.8
15	463	32.4
16	507	35.5
17	26	1.8
18	5	0.3
19	3	0.2
20-24	2	0.1
25-54	14	1.0

subject=Urdu

Age band	Number	Percentage
10 or younger	2	0.0
11-13	63	1.6
14	326	8.1
15	646	16.0
16	2738	67.9
17	167	4.1
18	42	1.0
19	11	0.3
20-24	21	0.5
25-54	18	0.4
55 or older	1	0.0

subject=Use of Mathematics

Age band	Number	Percentage
17	162	29.7
18	232	42.6
19	104	19.1
20-24	45	8.3
25-54	2	0.4

subject=Welsh (Second Language)

Age band	Number	Percentage
14	2	28.6
15	2	28.6
16	3	42.9