

Age distribution of GCSE candidates in England in 2013

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1. Introduction

This report investigates the age distribution of candidates taking GCSEs in 2013. The present report is an update of Statistics Report No. 20 (Gill, 2010) and Statistics report No. 45 (Gill, 2012) which investigated the age distributions of GCSE candidates in 2000, 2004, 2009, and 2011.

More specifically, this report presents the distribution of GCSE entries and candidates by age for June 2013. The results are then broken down by what are considered to be important factors, such as, gender, school type and subject. Finally, the most popular subjects taken by candidates of different ages are shown.

2. 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 centres where candidates are registered is also collected, along with 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 implies that a small amount of data was lost where the syllabus code did not match a subject in the NPD.

School type categories were those given by the National Centre Number (NCN) database and the following types of schools were included in the study: City Academy; Comprehensive; FE Establishment; Independent; Other; Secondary Modern; Secondary Selective; Sixth Form College; Tertiary College.

It should be noted that up until 2014 an increasing number of candidates in year 11 (i.e. aged 16) took 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 2012/13 academic year (31st August 2013).

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.

In the following pages, descriptive statistics are presented through tables. Tables presented in Section 3 of this report are also available in .xls format on the Cambridge Assessment website.

3. Results

3.1. Age group

Table 1 shows the number, percentage and cumulative percentage of GCSE *entries* in June 2013 by age group, while the age distribution of GCSE *candidates* is presented in Table 2.¹ As expected, the vast majority of entries and candidates were from 16 year-olds (80.9% of entries and 50.6% of candidates), followed by 15 year-olds (14% of entries and 34.1% of candidates).

Age band	Ν	%	Cum %
10 or younger	57	0.0	0.0
11-13	3373	0.1	0.1
14	69344	1.4	1.5
15	702744	14.0	15.5
16	4053523	80.9	96.3
17	95559	1.9	98.2
18	29821	0.6	98.8
19	13999	0.3	99.1
20-24	15628	0.3	99.4
25-54	26964	0.5	100.0
55 or older	1480	0.0	100.0

Table 1: Entries by age group

Table 2: Candidates by age group

Age band	Ν	%	Cum %
10 or younger	54	0.00	0.0
11-13	3315	0.3	0.3
14	58660	4.8	5.1
15	415587	34.1	39.2
16	617344	50.6	89.8
17	54441	4.5	94.2
18	23745	2.0	96.2
19	11216	0.9	97.1
20-24	12230	1.0	98.1
25-54	21962	1.8	99.9
55 or older	1372	0.1	100.0

¹ This analysis is broken down by gender in Appendix A.

It should be noted that the difference in the percentages of candidates in each age group is explained by the number of GCSEs taken. Table 3 presents the mean number of GCSEs taken in each year by candidates in each age band, broken down by gender. Clearly, 16 year-olds took by far the largest number of entries, with females taking 6.8 and males 6.4 on average.

Age band	Females	Males	All
10 or younger	1.0	1.1	1.1
11-13	1.0	1.0	1.0
14	1.2	1.2	1.2
15	1.7	1.7	1.7
16	6.8	6.4	6.6
17	1.7	1.8	1.8
18	1.2	1.3	1.3
19	1.3	1.2	1.2
20-24	1.3	1.3	1.3
25-54	1.2	1.3	1.2
55 or older	1.1	1.1	1.1

 Table 3:
 Mean number of entries by age group

3.2. School type

An important dimension to consider in looking at the pattern of entries is the type of school where candidates were registered. It has to be noted that 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 group for each school type considered here are presented, along with the mean number of entries per candidate.

Age band	N	%	Mean
10 or younger	19	0.0	1.1
11-13	1231	0.1	1.0
14	34477	1.5	1.2
15	347552	14.7	1.6
16	1954767	82.6	6.7
17	20946	0.9	1.9
18	3950	0.2	1.2
19	1063	0.0	1.2
20-24	384	0.0	1.1
25-54	1142	0.0	1.1
55 or older	90	0.0	1.1

Table 4: Entries by age group, Comprehensive Schools

Table 4 shows that in comprehensive schools the vast majority of entries were, as expected, by candidates aged 16 (82.6%), followed by 15 year-olds (14.7%) and 14 year olds (1.5%). A similar result was found in academies (Table 5), where 81.9% of entries were by 16 year-olds and 15.3% of entries were by candidates aged 15.

Table 6 shows that almost all entries in selective schools were by candidates aged 16 (89.2%) and that the number of 15 year-olds entering their GCSE in a selective school was slightly less than 10%, smaller than the same figure for comprehensive schools (Table 4) and academies (Table 5). It is worth mentioning that the average number of GCSEs taken by 16 year-olds (8.8) in selective schools was higher than in any other school type.

Age band	Ν	%	Mean
10 or younger	10	0.0	1.0
11-13	1294	0.1	1.0
14	28864	1.5	1.2
15	294030	15.3	1.8
16	1577037	81.9	6.7
17	17560	0.9	1.8
18	3800	0.2	1.2
19	865	0.0	1.2
20-24	304	0.0	1.1
25-54	961	0.0	1.1
55 or older	98	0.0	1.0

Table 5: Entries by age group, City Academies

Table 6: Entries by age group, Secondary Selective

Age band	Ν	%	Mean
10 or younger	0	0.0	0.0
11-13	41	0.0	1.0
14	973	0.9	1.1
15	9885	9.5	1.7
16	92698	89.2	8.8
17	270	0.3	2.7
18	41	0.0	1.3
19	2	0.0	1.0
20-24	3	0.0	1.0
25-54	21	0.0	1.1
55 or older	5	0.0	1.0

In independent centres (Table 7) 86.8% of entries were by candidates aged 16. It should be noted, however, that the percentage of entries by candidates aged 17 was 4.6%, much higher than those shown so far (Table 4-6). The average number of GCSEs taken by 16 year-olds (5.8) was slightly smaller than it was in the school types presented so far (Table 4-6).

Table 8 shoes that in secondary moderns, although the vast majority of entries were by candidates aged 16 (78.3%), the percentage of entries by 15 year-olds (18.1%) was higher in these schools than in any other school type. The average number of GCSEs taken by 16 year-olds (5.7) was similar to the one reported for independent schools (5.8) and presented in Table 7.

Age band	Ν	%	Mean
10 or younger	12	0.0	1.1
11-13	407	0.1	1.0
14	2182	0.7	1.2
15	23989	7.2	1.6
16	291202	86.8	5.8
17	15500	4.6	3.8
18	1374	0.4	1.9
19	204	0.1	1.3
20-24	183	0.1	1.2
25-54	293	0.1	1.1
55 or older	56	0.0	1.3

Table 7: Entries by age group, Independent Schools

Table 8: Entries by age group, Secondary Modern

Age band	Ν	%	Mean
10 or younger	0	0.0	0.0
11-13	38	0.0	1.0
14	2117	1.9	1.2
15	19673	18.1	1.7
16	85057	78.3	5.7
17	1316	1.2	1.8
18	275	0.3	1.2
19	70	0.1	1.1
20-24	25	0.0	1.1
25-54	70	0.1	1.1
55 or older	4	0.0	1.0

The pattern of entries in the, sixth forms, tertiary and FE colleges was quite different from those presented so far. Table 9 shows that in FE colleges the highest percentage of entries were from the 25-54 age band (27.5%), followed by candidates aged 17 (22.8%). There were very few entries by candidates under 17 years old, which is not unexpected given that there should not be many pupils in this type of school below the age of 17. The 16 year-olds accounted for only 2.9% of the total entries from candidates in FE colleges, although, they were the age band with the highest average number of GCSEs (2.4).

A similar situation is presented by Table 10 for sixth form colleges. Entries by candidates aged 16 accounted for 7.2%, while the highest percentage of entries was from the 17 year-olds (54.4%), followed by 18 year-olds (18.6%). It should be noted that more than 10% of entries were by candidates aged 20 years old or more.

Age band	N	%	Mean
10 or younger	0	0.0	0.0
11-13	2	0.0	1.0
14	17	0.0	1.2
15	224	0.4	1.2
16	1815	2.9	2.4
17	14218	22.8	1.4
18	10322	16.6	1.3
19	7291	11.7	1.3
20-24	10579	17.0	1.3
25-54	17140	27.5	1.3
55 or older	673	1.1	1.1

Table 9: Entries by age group, FE Colleges

Table 10: Entries by age group, Sixth Form Colleges

Age band	Ν	%	Mean
10 or younger	3	0.0	1.0
11-13	22	0.1	1.2
14	97	0.3	1.0
15	467	1.5	1.6
16	2300	7.2	4.3
17	17316	54.4	1.4
18	5928	18.6	1.2
19	2211	7.0	1.2
20-24	1526	4.8	1.3
25-54	1860	5.8	1.3
55 or older	77	0.2	1.0

Similarly, Table 11 shows that in tertiary colleges 17 year-olds were the age group with the highest percentage of entries (38.9%), followed by 18 year-olds (21.6%). Candidates aged 19 or older accounted for 35% of the entries in this type of school. It should be noted that for all the age groups considered, candidates in tertiary colleges took, on average, between one and two GCSEs.

Age band	Ν	%	Mean
10 or younger	1	0.0	1.0
11-13	4	0.0	1.0
14	26	0.2	1.5
15	185	1.6	1.1
16	133	1.1	1.9
17	4497	38.9	1.2
18	2495	21.6	1.2
19	1279	11.1	1.2
20-24	1110	9.6	1.2
25-54	1765	15.3	1.2
55 or older	77	0.7	1.0

Table 11: Entries by age group, Tertiary Colleges

3.3. Key subjects

In the following pages, the age distribution for entries in the 13 most common subjects is presented. The subjects presented below were selected because they cover 75% of the whole GCSE entries in England in June 2013. Tables presented below are ordered by the number of entries.²

Table 12 shows that, for Mathematics, entries were mainly by 16 year-olds (65.9%), but there was a substantial percentage of candidates aged 15 (22.5%). It should be noted that, with respect to two years before, the fraction of 16 year-olds taking Mathematics has reduced, while the percentage of 15 year-olds has increased; in 2011 they were 73.4% and 14.9% respectively (see Gill, 2012: p. 9). In June 2013, Mathematics was also a fairly popular subject amongst adult learners, presumably many of whom need the qualification to help them get into higher education or employment.

² Full tables for all GCSE subjects can be found in Appendix B.

Age band	Ν	%
10 or younger	21	0.0
11-13	799	0.1
14	8135	1.3
15	146093	22.5
16	427807	65.9
17	26615	4.1
18	12610	1.9
19	5993	0.9
20-24	7062	1.1
25-54	13439	2.1
55 or older	718	0.1

Table 12: Entries by age, Mathematics

Table 13: Entries by age, English Language

Age band	Ν	%
10 or younger	0	0.0
11-13	8	0.0
14	598	0.1
15	45178	9.6
16	390680	83.1
17	16745	3.6
18	6145	1.3
19	3210	0.7
20-24	3136	0.7
25-54	4289	0.9
55 or older	135	0.0

In English language (Table 13), the vast majority of entries were by candidates aged 16 (83.1%). However, substantial percentages of entries were by 15 year-olds (9.6%) and 17 year-olds (3.6%).

Table 14 shows that 94.5% of entries in GCSE English literature were by 16 year-olds and that 4.3% were by 15 year-olds. There were very few entries by adult learners or those younger than 15.

Table 15 shows a very different pattern of the age distribution of GCSE core science entries. The majority of entries were by 15 year-olds (66.8%), followed by 16 year-olds (27.1%) and 14 year-olds (4.1%). It should be noted that this is the only one subject where the number of entries by candidates aged 15 is the highest. This clearly points out that, nowadays, it is fairly common for candidates aiming at obtaining a GCSE in core science to sit the exam when they are 15 (usually in Year 10), in order to have more time to study for more advanced science exams (e.g. additional science) the following year.

Age band	Ν	%
10 or younger	0	0.0
11-13	4	0.0
14	1430	0.3
15	18973	4.3
16	412962	94.5
17	3071	0.7
18	204	0.0
19	71	0.0
20-24	70	0.0
25-54	80	0.0
55 or older	3	0.0

Table 14: Entries by age, English Literature

Table 15: Entries by age, Science (Core)

Age band	Ν	%
10 or younger	1	0.0
11-13	118	0.0
14	17384	4.1
15	283627	66.8
16	115287	27.1
17	3566	0.8
18	1044	0.2
19	569	0.1
20-24	1069	0.3
25-54	2002	0.5
55 or older	36	0.0

For additional science (Table 16) the vast majority of entries were by 16 year-olds (93.6%), followed by 15 year-olds (5.1%). There were very few entries by adult learners or those younger than 15.

Similarly, Table 17 shows that religious studies had very high percentages of entries by 16 yearolds (88.9%). Furthermore, entries by adult learners and those younger than 15 were very few.

Age band	N	%
	11	70
10 or younger	0	0.0
11-13	3	0.0
14	55	0.0
15	13236	5.1
16	241270	93.6
17	2557	1.0
18	329	0.1
19	109	0.0
20-24	107	0.0
25-54	119	0.0
55 or older	3	0.0

Table 16: Entries by age, Additional Science

Table 17: Entries by age, Religious Studies

Age band	Ν	%
10 or younger	0	0.0
11-13	30	0.0
14	1723	0.7
15	23077	9.6
16	213500	88.9
17	1664	0.7
18	78	0.0
19	28	0.0
20-24	25	0.0
25-54	65	0.0
55 or older	7	0.0

As in 2011 (see Gill, 2012), entry patterns for history (Table 18) and geography (Table 19) were very similar in 2013, with high percentages of entries by candidates aged 16 (around 94%), followed by 15 year-olds (4.6%). For both subjects, there were very few entries of adult learners or those younger than 15.

Age band	N	%
10 or younger	0	0.0
11-13	1	0.0
14	1579	0.7
15	11084	4.6
16	226178	94.0
17	1644	0.7
18	95	0.0
19	23	0.0
20-24	32	0.0
25-54	73	0.0
55 or older	4	0.0

 Table 18: Entries by age, History

Table 19: Entries by age, Geography

Age band	Ν	%
10 or younger	0	0.0
11-13	0	0.0
14	1366	0.7
15	9465	4.6
16	192954	93.8
17	1770	0.9
18	84	0.0
19	35	0.0
20-24	14	0.0
25-54	25	0.0
55 or older	1	0.0

Table 20 shows the entries to GCSE English language and literature: three out of four entries were by 16 year-olds and one out of ten by 15 year-olds. A considerable number of entries were by adult learners, with 3.4% of the total amount of entries by twenty year-olds or older.

In biology (Table 21) 87.7% of entries were by 16 year-olds and 8.5% were by 15 year-olds. Also in this case the percentages of adult learners were non-negligible, but not very high (1% of those aged 20 or older).

Table 22 shows the entry pattern for French, the most common foreign language at GCSE. The vast majority of entries were by 16 year-olds (90.1%). However, it should be noted that a substantial number of entries were by candidates aged 15 and 14 (5.8% and 3.2%, respectively).

Age band	Ν	%
10 or younger	1	0.0
11-13	8	0.0
14	1096	0.6
15	20190	10.2
16	149472	75.8
17	12510	6.3
18	5026	2.5
19	2352	1.2
20-24	2487	1.3
25-54	3890	2.0
55 or older	171	0.1

Table 20: Entries by age, English Language and Literature

Table 21: Entries by age, Biology

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Age band	N	%
10 or younger	1	0.0
11-13	11	0.0
14	1660	1.0
15	14303	8.5
16	147200	87.7
17	2135	1.3
18	557	0.3
19	378	0.2
20-24	620	0.4
25-54	1041	0.6
55 or older	27	0.0

Table 22: Entries by age, French

Age band	Ν	%
10 or younger	1	0.0
11-13	214	0.1
14	5327	3.2
15	9505	5.8
16	148707	90.1
17	999	0.6
18	58	0.0
19	17	0.0
20-24	12	0.0
25-54	117	0.1
55 or older	31	0.0

Entry patterns for chemistry (Table 23) and physics (Table 24) were very similar, with very high percentages of entries by 16 year-olds (92.2% and 94.7% respectively), followed by 15 year-olds (6.1% and 3.9% respectively). In both subjects there were very few entries by adult learners or those younger than 15.

Age band	Ν	%
10 or younger	1	0.0
11-13	2	0.0
14	355	0.2
15	9768	6.1
16	146573	92.2
17	1556	1.0
18	233	0.1
19	123	0.1
20-24	154	0.1
25-54	145	0.1
55 or older	4	0.0

Table 23: Entries by age, Chemistry

Table 24: Entries by age, Physics

Age band	Ν	%
10 or younger	0	0.0
11-13	17	0.0
14	152	0.1
15	6029	3.9
16	145433	94.7
17	1399	0.9
18	219	0.1
19	111	0.1
20-24	132	0.1
25-54	119	0.1
55 or older	4	0.0

3.4. Most popular subjects taken by different age groups

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 entries, and also the percentage of all candidates taking the subject (full details on the numbers of pupils taking each of these subjects in each age group are given in Appendix B).

15 year-old candidates

Table 25 shows the ten most popular GCSE subjects taken by candidates aged 15. The left side presents the subjects with the highest number of entries; the right side shows the ten subjects with the highest percentages of candidates.

Table 25 confirms the figures presented in Table 15: for 15 year-olds, core science was clearly the most common subject in June 2013, with a number of entries two times higher than the second subject, mathematics. The third subject in terms of entries was English language. The fact that the early entries in mathematics and English were high is not a surprise (see Gill 2012: p. 13), but it is worth noting that the number of entries for core science has markedly increased from 2011, when it was around 34,000.

Other classical languages was the subject with the highest percentage of candidates aged 15 (80.3%), followed by art and design (67.6%) and core science (66.8%). Table 25 also shows that amongst the ten most taken subjects by 15 year olds there were some languages, such as modern Hebrew, Turkish, Polish, Portuguese and modern Greek. It should be noted that the only two subjects to feature in both sides of Table 25 were core science and statistics.

Subject	Entries	Subject	%
Science (Core)	283627	Other Classical Languages	80.3
Mathematics	146093	Art & Design (Critical Studies)	67.6
English Language	45178	Science (Core)	66.8
Religious Studies	23077	Modern Hebrew	39.1
English Language & Literature	20190	Turkish	39.0
English Literature	18973	Polish	35.8
Biology	14303	Methods in Mathematics	34.6
Additional Science	13236	Portuguese	30.0
Statistics	12281	Modern Greek	29.4
History	11084	Statistics	28.8

Table 25: Most popular GCSE subjects taken by 15 year-old pupils

17-19 year-old candidates

Tables 26-28 clearly show that, for older teenagers, mathematics and English language were the two most popular subjects in terms of number of entries. It should be noted that English language and literature, a subject for which specifications were first introduced for awarding in 2012, was the third most popular subject.

Subject	Entries	Subject	%
Mathematics	26615	General Studies	27.5
English Language	16745	Chinese	7.4
English Language & Literature	12510	Psychology	7.4
Science (Core)	3566	Italian	7.3
English Literature	3071	English Language & Literature	6.3
Additional Science	2557	Film Studies	5.9
Biology	2135	Persian	5.9
General Studies	1948	Leisure & Tourism	5.9
Geography	1770	Law	5.8
Religious Studies	1664	Classical Greek	5.3

Table 26: Most popular GCSE subjects taken by 17 year-old pupils

Table 27: Most popular GCSE subjects taken by 18 year-old pupils

Subject	Entries	Subject	%
Mathematics	12610	Construction & the Built Environment	10.2
English Language	6145	Japanese	5.8
English Language & Literature	5026	Persian	3.6
Science (Core)	1044	Classical Greek	3.5
Biology	557	Italian	3.0
Additional Science	329	English Language & Literature	2.5
Psychology	307	Arabic	2.4
Sociology	291	Astronomy	2.2
Spanish	242	Chinese	2.1
Chemistry	233	Psychology	2.1

Table 28: Most popular GCSE subjects taken by 19 year-old pupils

Subject	Entries	Subject	%
Mathematics	5993	Persian	2.3
English Language	3210	Construction & the Built Environment	2.0
English Language & Literature	2352	Arabic	1.7
Science (Core)	569	English Language & Literature	1.2
Biology	378	Psychology	1.1
Psychology	156	Japanese	1.0
Chemistry	123	Mathematics	0.9
Physics	111	Dutch	0.8
Additional Science	109	English Language	0.7
Sociology	109	Urdu	0.6

In terms of candidate percentages, General studies was by far the most popular subject for candidates aged 17, while GCSE construction and the built environment was the most common for 18 year-olds. For 19 year-olds Persian, construction and the built environment and Arabic were the three most popular subjects. It is interesting to note that Psychology and English language and literature were the only two subjects to feature in all three tables as the most common subject in terms of candidate percentages.

14 year-old candidates

Table 29 shows the most popular subjects taken by 14 year-olds. In terms of entries core science was by far the most popular subject (as for 15 year-olds, Table 25), followed by mathematics, French, Statistics and Spanish. In terms of candidate percentages, Modern Greek was the most common (as in 2011, see Gill, 2012: p. 14). Other modern foreign languages (Polish, Portuguese, Gujarati, Turkish and Dutch) feature among the ten most popular subjects.

Subject	Entries	Subject	%
Science (Core)	17384	Modern Greek	31.9
Mathematics	8135	Expressive Arts & Performance Studies	26.3
French	5327	Polish	23.1
Statistics	3376	English Studies	22.5
Spanish	2281	Portuguese	21.9
Media/Film/Tv Studies	1908	Gujarati	21.8
ICT	1838	Astronomy	18.9
Religious Studies	1723	Turkish	18.6
Biology	1660	Dutch	17.2
History	1579	Performing Arts	16.3

Table 29: Most popular GCSE subjects taken by 14 year-old pupils

11-13 year-old candidates

Table 30 shows that in 2013, similarly to two years before, modern languages were amongst the more popular subjects, both in terms of entries and candidates percentages, taken by young learners aged 11-13. In particular Polish, Portuguese, Punjabi and Arabic are present on both the sides of Table 30. Dutch was the most popular in terms of candidate percentages. However, the highest number of entries was in mathematics.

Subject	Entries	Subject	%
Mathematics	799	Dutch	20.4
Polish	337	Modern Greek	12.5
Arabic	251	Punjabi	12.0
Spanish	224	Gujarati	10.2
French	214	Polish	9.2
Portuguese	127	Persian	9.1
Science (Core)	118	Arabic	7.3
Punjabi	114	Portuguese	6.4
German	107	Turkish	5.9
Chinese	104	Japanese	5.6

Table 30: Most popular GCSE subjects taken by 11-13 year-old pupils

Adult candidates

Tables 31-33 show the most common subjects amongst adult learners. In terms of entries, Mathematics was by far the most popular subject in all the three age groups considered, followed by English language and English language and literature. This result supports the assertion that these subjects were presumably taken by candidates who need the qualification to help them get into higher education and employment.

Other common subjects amongst adult learners were core science and biology. Modern foreign languages that are often studied in evening classes (such as Italian, Spanish and French) were amongst the most popular, especially amongst the candidates aged 55- and older.

Subject	Entries	Subject	%
Mathematics	7062	Arabic	1.3
English Language	3136	English Language & Literature	1.3
English Language & Literature	2487	Psychology	1.2
Science (Core)	1069	Law	1.1
Biology	620	Mathematics	1.1
Psychology	181	Japanese	0.9
Chemistry	154	Punjabi	0.7
Physics	132	English Language	0.7
Sociology	112	Sociology	0.5
Additional Science	107	Urdu	0.5

Table 31: Most popular GCSE subjects taken by 20-24 year-old pupils

Subject	Entries	Subject	%
Mathematics	13439	Japanese	2.9
English Language	4289	Astronomy	2.6
English Language & Literature	3890	Psychology	2.4
Science (Core)	2002	Italian	2.3
Biology	1041	Mathematics	2.1
Psychology	361	English Language & Literature	2.0
Spanish	354	Punjabi	1.7
Chemistry	145	Arabic	1.7
Sociology	129	Law	1.4
Additional Science	119	Modern Greek	1.0

Table 32: Most popular GCSE subjects taken by 25-54 year-old pupils

Table 33: Most popular GCSE subjects taken by candidates aged 55 and older

Subject	Entries	Subject	%
Mathematics	718	Modern Greek	1.8
English Language & Literature	171	Italian	1.1
English Language	135	Motor Vehicle Studies	0.9
Spanish	101	Astronomy	0.7
Italian	55	Classical Greek	0.5
Science (Core)	36	Japanese	0.5
French	31	Geology	0.4
Biology	27	Chinese	0.3
Astronomy	20	Russian	0.3
Art & Design	19	Portuguese	0.3

References

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

Gill, T. (2012). *Age distribution of GCSE candidates in England 2011.* Statistics Report Series No. 45. Cambridge: Cambridge Assessment.

Age band	Ν	%	Cum %
10 or younger	23	0.0	0.0
11-13	1795	0.1	0.1
14	35550	1.4	1.5
15	354749	13.8	15.3
16	2071580	80.8	96.2
17	45778	1.8	97.9
18	15291	0.6	98.5
19	7189	0.3	98.8
20-24	9352	0.4	99.2
25-54	20059	0.8	100.0
55 or older	903	0.0	100.0

Table A.1: Entries by age band, female candidates

Table A.2: Candidates by age band, female

Age band	Ν	%	Cum %
10 or younger	23	0.00	0.00
11-13	1777	0.29	0.29
14	29945	4.88	5.18
15	207837	33.89	39.06
16	304528	49.65	88.71
17	26499	4.32	93.03
18	12302	2.01	95.04
19	5745	0.94	95.98
20-24	7360	1.20	97.18
25-54	16461	2.68	99.86
55 or older	859	0.14	100.00

Age band	Ν	%	Cum %
10 or younger	34	0.0	0.0
11-13	1578	0.1	0.1
14	33794	1.4	1.4
15	347987	14.2	15.6
16	1981938	80.9	96.5
17	49775	2.0	98.6
18	14529	0.6	99.2
19	6809	0.3	99.4
20-24	6276	0.3	99.7
25-54	6900	0.3	100.0
55 or older	577	0.0	100.0

Table A.3: Entries by age band, male candidates

Table A.4: Candidates by age band, male

Age band	Ν	%	Cum %
10 or younger	31	0.01	0.01
11-13	1538	0.25	0.26
14	28715	4.73	4.99
15	207742	34.25	39.24
16	312813	51.57	90.81
17	27938	4.61	95.42
18	11442	1.89	97.30
19	5470	0.90	98.21
20-24	4870	0.80	99.01
25-54	5496	0.91	99.92
55 or older	513	0.08	100.00

Appendix B: Entries by age group for all GCSE subjects

Note: For popular subjects see tables 12-24 within the main report.

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Age band	Ν	%
15	262	2.4
16	10410	96.0
17	137	1.3
18	12	0.1
19	7	0.1
20-24	7	0.1
25-54	4	0.0
55 or older	1	0.0

Table B.1: Entries by age, Applied Science

Table B.2: Entries by age, Additional Mathematics

Age band	Ν	%
15	4	1.9
16	198	95.2
17	6	2.9

	, .	5
Age band	Ν	%
11-13	1	0.1
14	45	5.0
15	42	4.7
16	782	86.7
17	23	2.5
18	5	0.6
19	3	0.3
20-24	1	0.1
25-54	1	0.1
55 or older	45	5.0

Age band	Ν	%
11-13	1	0.0
14	13	0.1
15	2225	15.8
16	11704	83.3
17	92	0.7
18	16	0.1
19	1	0.0
20-24	1	0.0

Table B.4: Entries by age, Applications of Mathematics

Table B.5: Entries by age, Applied Art & Design

Age band	Ν	%
15	89	8.5
16	933	88.9
17	27	2.6
25-54	1	0.1

Table B.6: Entries by age, Applied Business

Age band	Ν	%
14	126	1.6
15	1087	13.4
16	6751	83.2
17	129	1.6
18	17	0.2
19	4	0.0
20-24	1	0.0
25-54	1	0.0

Table B.7: Entries by age, Applied Engineering

Age band	Ν	%
14	52	1.3
15	387	9.7
16	3522	88.1
17	31	0.8
18	5	0.1

Age band	Ν	%
10 or younger	1	0.0
11-13	251	7.3
14	443	12.8
15	823	23.8
16	1540	44.5
17	155	4.5
18	82	2.4
19	58	1.7
20-24	45	1.3
25-54	58	1.7
55 or older	4	0.1

Table B.8: Entries by age, Arabic

Table B.9: Entries by age, Art & Design

Age band	Ν	%
11-13	3	0.0
14	884	1.1
15	3237	3.9
16	78464	93.6
17	1029	1.2
18	116	0.1
19	29	0.0
20-24	5	0.0
25-54	23	0.0
55 or older	19	0.0

 Table B.10:
 Entries by age, Art & Design (3d Studies)

Age band	Ν	%
14	54	2.4
15	171	7.6
16	1935	86.0
17	82	3.6
18	5	0.2
19	3	0.1
20-24	1	0.0

Table B.11:	Entries by age, Art & Design (Critical Studies)
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Age band	Ν	%
15	121	67.6
16	58	32.4

Table B.12: Entries by age, Art & Design (Fine Art)

Age band	Ν	%
14	475	0.9
15	1878	3.7
16	48124	93.7
17	784	1.5
18	65	0.1
19	13	0.0
20-24	7	0.0
25-54	9	0.0
55 or older	4	0.0

Table B.13: Entries by age, Art & Design (Graphics)

Age band	Ν	%
11-13	1	0.0
14	43	0.6
15	326	4.8
16	6259	92.7
17	99	1.5
18	18	0.3
19	6	0.1
20-24	1	0.0
25-54	2	0.0

 Table B.14:
 Entries by age, Art & Design (Photography)

		0 (
Age band	Ν	%
14	388	2.5
15	1030	6.7
16	13164	86.2
17	547	3.6
18	106	0.7
19	25	0.2
20-24	8	0.1
25-54	9	0.1
55 or older	2	0.0

Age band	Ν	%
11-13	1	0.0
14	109	1.4
15	258	3.3
16	7339	93.8
17	99	1.3
18	12	0.2
19	1	0.0
25-54	6	0.1
55 or older	2	0.0

 Table B.15:
 Entries by age, Art & Design (Textiles)

Table B.16:Entries by age, Astronomy

		-
Age band	Ν	%
10 or younger	1	0.0
11-13	58	2.1
14	525	18.9
15	558	20.1
16	1341	48.4
17	115	4.1
18	62	2.2
19	15	0.5
20-24	5	0.2
25-54	73	2.6
55 or older	20	0.7

Table B.17:	Entries by age	, Bengali
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Age band	Ν	%
11-13	52	4.7
14	113	10.3
15	142	12.9
16	763	69.4
17	14	1.3
18	5	0.5
19	4	0.4
25-54	6	0.5

Age band	Ν	%
14	535	0.9
15	2384	3.8
16	58463	93.6
17	892	1.4
18	144	0.2
19	43	0.1
20-24	19	0.0
25-54	7	0.0

Table B.18: Entries by age, Business Studies: Single

Table B.19: Entries by age, Business Studies & Economics

Age band	Ν	%
14	45	1.0
15	87	2.0
16	4162	94.7
17	95	2.2
18	7	0.2

Table B.20: Entries by age, Catering Studies

Age band	Ν	%
11-13	2	0.0
14	408	1.9
15	1282	5.9
16	19990	91.4
17	179	0.8
18	11	0.1
19	1	0.0
20-24	1	0.0
25-54	2	0.0

Age band	Ν	%
10 or younger	3	0.1
11-13	104	3.6
14	257	8.9
15	535	18.4
16	1675	57.8
17	215	7.4
18	62	2.1
19	11	0.4
20-24	6	0.2
25-54	24	0.8
55 or older	8	0.3

 Table B.21:
 Entries by age, Chinese

Table B.22: Entries by age, Classical Civilisation

Age band	Ν	%
11-13	7	0.2
14	21	0.5
15	179	4.5
16	3612	90.7
17	143	3.6
18	13	0.3
19	5	0.1
20-24	1	0.0
25-54	1	0.0
55 or older	1	0.0

 Table B.23:
 Entries by age, Classical Greek

Age band	Ν	%
14	4	0.3
15	30	2.4
16	1096	87.2
17	67	5.3
18	44	3.5
19	2	0.2
25-54	8	0.6
55 or older	6	0.5

Age band	Ν	%
14	106	2.5
15	217	5.1
16	3835	91.0
17	48	1.1
18	4	0.1
19	2	0.0
25-54	3	0.1

 Table B.24:
 Entries by age, Computer Studies/Computing

 Table B.25:
 Entries by age, Construction & the Built Environment

Age band	Ν	%
16	43	87.8
18	5	10.2
19	1	2.0

Table B.26:	Entries by age	, Electronic Products
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Age band	Ν	%
14	67	0.8
15	339	4.0
16	8008	94.6
17	43	0.5
18	4	0.0
25-54	1	0.0

Table B.27: Entries by age, D&T Engineering

Age band	Ν	%
15	5	2.0
16	246	96.9
17	3	1.2

Table B.28:	Entries by age,	D&T Food Te	chnology
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Age band	Ν	%
14	590	1.3
15	2083	4.8
16	40807	93.1
17	304	0.7
18	19	0.0
19	6	0.0
25-54	4	0.0

Age band	Ν	%
14	346	1.0
15	1183	3.3
16	34247	95.0
17	267	0.7
18	15	0.0
19	2	0.0
25-54	2	0.0

Table B.29: Entries by age, D&T Graphic Products

Table B.30:	Entries by age, D&T Product Design

Age band	Ν	%
11-13	1	0.0
14	632	1.8
15	2281	6.7
16	30943	90.5
17	313	0.9
18	11	0.0
25-54	2	0.0

Table B.31: Entries by age, D&T Resistant Materials

Age band	Ν	%
11-13	1	0.0
14	746	1.4
15	2241	4.2
16	49431	93.1
17	612	1.2
18	27	0.1
19	1	0.0
20-24	1	0.0
25-54	9	0.0
55 or older	3	0.0

Table B.32: Entries by age, D&T Systems and Control

Age band	Ν	%
14	22	0.6
15	134	3.8
16	3324	95.0
17	18	0.5

Age band	N	%
14	326	1.2
15	1024	3.7
16	26305	94.4
17	179	0.6
18	9	0.0
25-54	12	0.0

 Table B.33:
 Entries by age, D&T Textiles Technology

Table B.34: Er	tries by age, Dance
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Age band	Ν	%
11-13	6	0.1
14	181	1.5
15	845	7.2
16	10565	90.4
17	72	0.6
18	7	0.1
19	3	0.0
20-24	3	0.0

Table B.35: Entries by age, Drama & Theatre Studies

Age band	Ν	%
11-13	2	0.0
14	541	0.8
15	2452	3.5
16	66914	94.8
17	624	0.9
18	23	0.0
25-54	3	0.0

Age band	N	%
11-13	104	20.4
14	88	17.2
15	125	24.5
16	160	31.3
17	19	3.7
18	6	1.2
19	4	0.8
20-24	2	0.4
25-54	3	0.6

Table B.36:Entries by age, Dutch

 Table B.37:
 Entries by age, Economics

Age band	Ν	%
14	1	0.0
15	169	3.5
16	4400	91.6
17	203	4.2
18	18	0.4
19	8	0.2
20-24	3	0.1
25-54	2	0.0

Table B.38:Entries by age, Electronics

Age band	Ν	%
14	3	0.5
15	32	5.2
16	552	89.8
17	17	2.8
18	10	1.6
19	1	0.2

Age band	Ν	%
14	220	22.5
15	67	6.9
16	649	66.4
17	27	2.8
18	8	0.8
19	3	0.3
20-24	3	0.3

 Table B.39:
 Entries by age, English Studies

Table B.40: Entries by age, Environmental Science

Age band	Ν	%
11-13	9	0.4
14	59	2.4
15	233	9.4
16	2145	86.2
17	31	1.2
18	8	0.3
19	3	0.1
20-24	9	0.4

 Table B.41:
 Entries by age, Expressive Arts & Performance Studies

Age band	Ν	%
11-13	7	0.2
14	854	26.3
15	386	11.9
16	1986	61.2
17	6	0.2
18	3	0.1
19	4	0.1

Age band	Ν	%
14	690	12.2
15	538	9.5
16	3986	70.7
17	333	5.9
18	64	1.1
19	12	0.2
20-24	10	0.2
25-54	2	0.0

Table B.42: Entries by age, Film Studies

 Table B.43:
 Entries by age, General Studies

Age band	Ν	%
10 or younger	1	0.0
14	1	0.0
15	588	8.3
16	4316	61.0
17	1948	27.5
18	116	1.6
19	23	0.3
20-24	21	0.3
25-54	58	0.8
55 or older	4	0.1

Table B.44:Entries by age, Geology

Age band	Ν	%
11-13	1	0.1
14	61	7.6
15	34	4.3
16	676	84.5
17	12	1.5
18	2	0.3
19	2	0.3
20-24	3	0.4
25-54	6	0.8
55 or older	3	0.4

Age band	N	%
10 or younger	3	0.0
11-13	107	0.2
14	1228	2.0
15	2387	4.0
16	56274	93.2
17	305	0.5
18	24	0.0
19	7	0.0
20-24	4	0.0
25-54	42	0.1
55 or older	19	0.0

Table B.45: Entries by age, German

Table B.46: Entries by age, Gujarati

Age band	Ν	%
10 or younger	1	0.2
11-13	60	10.2
14	129	21.8
15	168	28.4
16	206	34.9
17	16	2.7
18	7	1.2
19	1	0.2
25-54	3	0.5

Table B.47: Entries by age, Health & Social Care

Age band	Ν	%
14	200	1.4
15	1970	13.6
16	11962	82.9
17	237	1.6
18	42	0.3
19	7	0.0
20-24	10	0.1
25-54	4	0.0
55 or older	1	0.0

Age band	Ν	%
14	136	0.8
15	712	4.3
16	15389	93.6
17	177	1.1
18	27	0.2
19	7	0.0

Table B.48: Entries by age, Economics: Child Development

Table B.49: Entries by age, Economics: Food

Age band	Ν	%
14	45	0.5
15	335	3.5
16	9115	94.2
17	158	1.6
18	16	0.2
19	1	0.0
20-24	2	0.0
25-54	2	0.0
55 or older	45	0.5

Table B.50: Entries by age, Economics: Textiles

Age band	Ν	%
14	8	2.6
15	76	24.7
16	218	70.8
17	5	1.6
25-54	1	0.3

Table B.51: Entries by age, Hospitality & Catering

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Age band	Ν	%
14	94	3.0
15	312	10.1
16	2644	85.4
17	35	1.1
18	7	0.2
19	2	0.1
20-24	1	0.0
25-54	1	0.0

Age band	Ν	%
14	1490	15.3
15	892	9.2
16	6946	71.3
17	291	3.0
18	71	0.7
19	31	0.3
20-24	11	0.1
55 or older	9	0.1

Table B.52: Entries by age, Humanities: Single

Table B.53: Entries by age, ICT

Age band	Ν	%
10 or younger	1	0.0
11-13	5	0.0
14	1838	3.1
15	5024	8.4
16	51844	86.8
17	789	1.3
18	115	0.2
19	58	0.1
20-24	27	0.0
25-54	9	0.0
55 or older	2	0.0

Table B.54:Entries by age, Italian

Age band	Ν	%
10 or younger	1	0.0
11-13	96	1.9
14	248	4.9
15	572	11.4
16	3390	67.3
17	370	7.3
18	152	3.0
19	28	0.6
20-24	10	0.2
25-54	114	2.3
55 or older	55	1.1

Age band	Ν	%
10 or younger	2	0.2
11-13	60	5.6
14	83	7.8
15	112	10.5
16	637	59.6
17	56	5.2
18	62	5.8
19	11	1.0
20-24	10	0.9
25-54	31	2.9
55 or older	5	0.5

 Table B.55:
 Entries by age, Japanese

Table B.56: Entries by age, Latin

Age band	Ν	%
10 or younger	1	0.0
11-13	2	0.0
14	45	0.5
15	442	4.8
16	8411	92.1
17	135	1.5
18	67	0.7
19	7	0.1
20-24	2	0.0
25-54	16	0.2
55 or older	8	0.1

Table B.57: Entries by age, Law

Age band	Ν	%
11-13	1	0.0
14	59	2.1
15	294	10.4
16	2161	76.7
17	164	5.8
18	48	1.7
19	15	0.5
20-24	31	1.1
25-54	40	1.4
55 or older	3	0.1

Age band	Ν	%
14	144	4.2
15	304	8.8
16	2754	79.8
17	202	5.9
18	33	1.0
19	7	0.2
20-24	5	0.1
25-54	2	0.1

Table B.58: Entries by age, Leisure & Tourism

Table B.59: Entries by age, Manufacturing

Age band	Ν	%
14	8	1.0
15	8	1.0
16	742	97.4
17	4	0.5

Table B.60: Entries by age, Media/Film/Tv Studies

Age band	Ν	%
11-13	1	0.0
14	1908	3.6
15	5903	11.2
16	43607	82.9
17	922	1.8
18	138	0.3
19	57	0.1
20-24	31	0.1
25-54	5	0.0
55 or older	1	0.0

Age band	Ν	%
11-13	1	0.0
14	173	1.1
15	5340	34.6
16	9829	63.6
17	95	0.6
18	13	0.1
19	1	0.0
20-24	2	0.0

 Table B.61:
 Entries by age, Methods in Mathematics

Table B.62: Entries by age, Modern Greek

Age band	Ν	%
10 or younger	2	0.4
11-13	63	12.5
14	161	31.9
15	148	29.4
16	102	20.2
17	7	1.4
18	6	1.2
19	1	0.2
25-54	5	1.0
55 or older	9	1.8

Table B.63: Entries by age, Modern Hebrew

Age band	N	%
11-13	16	3.6
14	65	14.5
15	175	39.1
16	182	40.7
17	9	2.0

Table B.64: Entries by age, Motor Vehicle Studies

Age band	Ν	%
15	1	0.9
16	106	98.1
55 or older	1	0.9

Age band	N	%
11-13	17	0.0
14	337	0.8
15	1718	4.1
16	39204	93.8
17	476	1.1
18	32	0.1
19	6	0.0
20-24	1	0.0
25-54	2	0.0
55 or older	2	0.0

 Table B.65:
 Entries by age, Music

 Table B.66:
 Entries by age, Office Technology

Age band	Ν	%
11-13	1	0.0
14	484	3.8
15	1503	11.9
16	10439	82.4
17	183	1.4
18	26	0.2
19	8	0.1
20-24	8	0.1
25-54	10	0.1

 Table B.67:
 Entries by age, Other Classical Languages

Age band	Ν	%
11-13	4	0.8
14	45	8.9
15	408	80.3
16	47	9.3
17	2	0.4
25-54	1	0.2
55 or older	1	0.2

Age band	Ν	%
11-13	13	0.3
14	846	16.3
15	1408	27.1
16	2889	55.6
17	35	0.7
18	4	0.1

 Table B.68:
 Entries by age, Performing Arts

Table B.69:	Entries by age,	Persian
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Age band	Ν	%
11-13	43	9.1
14	58	12.2
15	123	25.9
16	191	40.3
17	28	5.9
18	17	3.6
19	11	2.3
25-54	2	0.4
55 or older	1	0.2

 Table B.70:
 Entries by age, Physical Education/Sports Studies

Age band	Ν	%
11-13	2	0.0
14	284	0.3
15	5610	5.8
16	89563	93.1
17	675	0.7
18	17	0.0
19	2	0.0
55 or older	2	0.0

Age band	Ν	%
11-13	337	9.2
14	843	23.1
15	1304	35.8
16	1059	29.1
17	74	2.0
18	9	0.2
19	2	0.1
20-24	3	0.1
25-54	8	0.2
55 or older	5	0.1

Table B.71: Entries by age, Polish

 Table B.72:
 Entries by age, Portuguese

Age band	Ν	%
11-13	127	6.4
14	432	21.9
15	592	30.0
16	712	36.1
17	58	2.9
18	19	1.0
19	6	0.3
20-24	2	0.1
25-54	18	0.9
55 or older	5	0.3

Table B.73:	Entries by age,	Psychology
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Age band	Ν	%
14	115	0.8
15	936	6.3
16	11611	78.6
17	1093	7.4
18	307	2.1
19	156	1.1
20-24	181	1.2
25-54	361	2.4
55 or older	19	0.1

Age band	Ν	%
10 or younger	6	0.6
11-13	114	12.0
14	146	15.4
15	200	21.1
16	414	43.6
17	30	3.2
18	11	1.2
19	4	0.4
20-24	7	0.7
25-54	16	1.7
55 or older	1	0.1

 Table B.74:
 Entries by age, Punjabi

Table B.75:Entries by age, Russian

Age band	Ν	%
11-13	77	3.5
14	221	10.0
15	441	19.9
16	1310	59.2
17	116	5.2
18	23	1.0
19	3	0.1
20-24	1	0.0
25-54	15	0.7
55 or older	6	0.3

 Table B.76:
 Entries by age, Social Science (Citizenship)

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Age band	N	%
14	93	0.8
15	1346	11.6
16	9992	85.7
17	151	1.3
18	37	0.3
19	17	0.1
20-24	17	0.1

Age band	Ν	%
14	94	0.5
15	873	4.2
16	17963	87.1
17	1051	5.1
18	291	1.4
19	109	0.5
20-24	112	0.5
25-54	129	0.6
55 or older	2	0.0

 Table B.77:
 Entries by age, Sociology

Table B.79:Entries by age, Spanish

Age band	Ν	%
10 or younger	2	0.0
11-13	224	0.3
14	2281	2.6
15	4730	5.5
16	77653	89.6
17	929	1.1
18	242	0.3
19	68	0.1
20-24	48	0.1
25-54	354	0.4
55 or older	101	0.1

Table B.79: Entries by age, Statistics

Age band	Ν	%
11-13	56	0.1
14	3376	7.9
15	12281	28.8
16	26568	62.4
17	243	0.6
18	52	0.1
19	12	0.0
20-24	5	0.0
25-54	7	0.0

Age band	Ν	%
10 or younger	6	0.4
11-13	95	5.9
14	299	18.6
15	628	39.0
16	538	33.4
17	27	1.7
18	5	0.3
19	2	0.1
25-54	9	0.6

Table B.80: Entries by age, Turkish

 Table B.81:
 Entries by age, Urdu

Age band	Ν	%
11-13	24	0.5
14	394	8.7
15	827	18.4
16	3005	66.7
17	141	3.1
18	53	1.2
19	27	0.6
20-24	23	0.5
25-54	12	0.3