# The re-sitting patterns of a cohort of A level students 

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## Introduction

This report presents the re-sitting patterns of a cohort of A level students who began their studies (i.e. were in year 12) in the academic year 2012/13. Re-sitting here refers to a recertification of the whole qualification rather than re-sitting individual units during the course. Students are most likely to re-sit A levels when they fail to achieve the grades required for university entry.

This is an interesting area for investigation because there have been a number of changes to $A$ levels in recent years, with further changes scheduled to take effect over the next two years. For example, the removal of the January examination session for A levels in 2014 reduced the number of opportunities students have to re-sit individual units, which may have increased their likelihood of re-sitting the whole qualification. Furthermore, from first teaching in 2015, a number of A level subjects became completely linear (and 'de-coupled' from the AS level), meaning it will no longer be possible to re-sit individual units in these subjects. A second tranche of subjects will be made linear from 2016, and the remaining subjects from 2017. These reforms may increase the number of whole qualification re-sits because it will not be possible to re-sit individual units during the course.

The data analysed in this report was prior to the introduction of the linear A levels and thus can serve as a baseline year, allowing comparisons to be made in any future analyses. Data is presented on all A level subjects, with a focus on the five subjects which were re-sat the most.

## Data

The data for this report come from the National Pupil Databases (NPD) for the 2013/14 and 2014/15 academic years. The NPD is compiled for the Department for Education (DfE) from data supplied by the awarding bodies. It contains candidate details, such as gender and year group, and the national examination results of all pupils in schools in England up to the age of 19. The Key Stage 5 (KS5) extracts of the NPD were used for this analysis. These consist of results for all students aged 16-18 at the start of the academic year in question who sat at least one qualification equivalent in size to an A level in that year.

It was necessary to use both the 2013/14 and 2014/15 extracts to be able to capture all re-sits for this cohort of students. Some students beginning A level studies in 2012/13 took an A level in year 12 and re-sat in year 13 (which will appear in the 2013/14 extract), but some took an A level in year 13 and then re-sat in year 14 (which will appear in the 2014/15 extract).

For the purpose of this report a re-sit is defined as a candidate who entered an A level subject more than once in different sessions, without regard to the specification and/or awarding body $\mathrm{s} / \mathrm{he}$ had chosen.

## Results

An important first step in examining these results is to determine how prevalent re-sitting is for A levels. For the cohort in year 12 in the autumn of 2012, 736,264 total A-levels were taken, and slightly over $4 \%$ of these were taken more than once. In comparison, GCSE resit rates were slightly higher, at $5.9 \%$ for the summer 2013 exam session and $7.4 \%$ for the summer 2014 exam session (Zanini, 2015).

Because students would have to wait an entire year to re-sit an A level, and they are typically taken in Year 13 at the end of two years of study (i.e., just before entering university), one might expect a greater proportion of re-sits among those candidates who first took an exam earlier than usual. Indeed, when re-sits are broken down by first exam year, the results show that despite the greatest number of re-sits occurring in 2015 (i.e., among those first sitting an A-level in 2014 in Year 13), the proportion of candidates re-sitting was much higher among those first sitting A-levels in Year 12 or earlier. Results for total re-sits and re-sits by first year of entry are displayed in Table 1.

Table 1. Candidates re-sitting A-levels by first year of entry

| Year of first entry for subject | Number of entries | Number re-sat* | Percent re-sat (\%) |
| :--- | ---: | ---: | ---: |
| 2012 or earlier (Year 11 or lower) | 1643 | 337 | 20.51 |
| 2013 (Year 12) | 19547 | 6468 | 33.09 |
| 2014 (Year 13) | 715074 | 23035 | 3.22 |
| Total | 736264 | 29840 | 4.05 |
| *This calculation is based on the number of entries that were re-sat at least once; where candidates re-sat an exam two or |  |  |  |
| three times this is only counted as one resit. |  |  |  |

Because the most common reason to re-sit an A-level would be to improve one's grade, one would also expect higher re-sit rates for candidates with lower original grades. Table 2 presents the frequency and percentage of students re-sitting A-levels grouped by original grade achieved at first sitting (regardless of the year of first entry).

Table 2. Percentage of resits by original grade

| Original grade $^{1}$ | Number of entries | Number of resits | Percent re-sat (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 62432 | 719 | 1.15 |
| A | 131050 | 1310 | 1.00 |
| B | 190959 | 7035 | 3.68 |
| C | 177475 | 9400 | 5.30 |
| D | 111214 | 7497 | 6.74 |
| E | 48640 | 2953 | 6.07 |
| Q | 9 | 3 | 33.33 |
| U | 13876 | 718 | 5.17 |
| X | 609 | 205 | 33.66 |

Given that candidates do seem to be more likely to re-sit if they received a lower grade the first time they took an A-level, a natural follow-up question is whether the re-sit was successful. In other words, were students able to improve their grades by re-sitting A-levels? Table 3 presents the first and last grades achieved on A-levels for those who took the same A-level more than once. It appears that candidates were often successful, with $40-70 \%$ of re-sitters achieving a higher final grade than original grade (excluding original grades $Q$ and $X$ ). Even more encouraging is that candidates with lower starting grades were most likely to improve with a resit.

It is interesting that there were a substantial number of students $(\mathrm{n}=719)$ who achieved an $\mathrm{A}^{*}$ grade the first time, yet still re-sat the qualification. Further investigation of these re-sits revealed them to be almost all in Mathematics ( $n=707$ ). The likelihood is that they were mostly (if not all) due to a certification rule which is particular to Mathematics and Further Mathematics A levels. Some units can be used to certificate for either Mathematics or Further Mathematics (although not both) and thus students who take both qualifications are able to choose the combination of units in both subjects that maximise their overall grades or marks. We found that some of these students certificated for Mathematics in year 12, before going on to take units that would allow certification for Further Mathematics in year 13. At the end of year 13 they were then able to swap some units between the two qualifications in order to maximise their chances of achieving an A* in Further Mathematics, but only if they re-certificated in Mathematics. This will be counted as a re-sit, despite the fact that these students are only re-certificating to maximise their marks in a different subject.

It was not possible to identify which of the re-sits fell into this category so they are included in all the tables.

[^0]Table 3. First and last grades achieved by re-sits

|  |  | Last grade recorded |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A* | A | B | C | D | E | Q | U | X | Total |
|  | A* | $\begin{array}{\|c\|} 715 \\ 99.44 \% \end{array}$ | $\begin{gathered} 1 \\ 0.14 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.14 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 2 \\ 0.28 \% \end{gathered}$ | 719 |
|  | A | $\begin{array}{\|c\|} 524 \\ 40.00 \% \end{array}$ | $\begin{gathered} 774 \\ 59.08 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.23 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.08 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 8 \\ 0.61 \% \end{gathered}$ | 1310 |
|  | B | $\begin{gathered} 437 \\ 6.21 \% \end{gathered}$ | $\begin{gathered} 3130 \\ 44.49 \% \end{gathered}$ | $\begin{gathered} 3434 \\ 48.81 \% \end{gathered}$ | $\begin{gathered} 11 \\ 0.16 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.01 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.01 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.01 \% \end{gathered}$ | $\begin{gathered} 20 \\ 0.28 \% \end{gathered}$ | 7035 |
|  | C | $\begin{gathered} 140 \\ 1.49 \% \end{gathered}$ | $\begin{gathered} 786 \\ 8.36 \% \end{gathered}$ | $\begin{gathered} 4467 \\ 47.52 \% \end{gathered}$ | $\begin{gathered} 3956 \\ 42.09 \% \end{gathered}$ | $\begin{gathered} 25 \\ 0.27 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.03 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.01 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 22 \\ 0.23 \% \end{gathered}$ | 9400 |
|  | D | $\begin{array}{\|c\|} \hline 28 \\ 0.37 \% \end{array}$ | $\begin{gathered} 201 \\ 2.68 \% \end{gathered}$ | $\begin{gathered} 1227 \\ 16.37 \% \end{gathered}$ | $\begin{gathered} 3272 \\ 43.64 \% \end{gathered}$ | $\begin{gathered} 2721 \\ 36.29 \% \end{gathered}$ | $\begin{gathered} 22 \\ 0.29 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.01 \% \end{gathered}$ | $\begin{gathered} 11 \\ 0.15 \% \end{gathered}$ | $\begin{gathered} 14 \\ 0.19 \% \end{gathered}$ | 7497 |
|  | E | $\begin{gathered} 13 \\ 0.44 \% \end{gathered}$ | $\begin{gathered} 48 \\ 1.63 \% \end{gathered}$ | $\begin{gathered} 173 \\ 5.86 \% \end{gathered}$ | $\begin{gathered} 580 \\ 19.64 \% \end{gathered}$ | $\begin{gathered} 1174 \\ 39.76 \% \end{gathered}$ | $\begin{gathered} 945 \\ 32.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 8 \\ 0.27 \% \end{gathered}$ | $\begin{gathered} 12 \\ 0.41 \% \end{gathered}$ | 2953 |
|  | Q | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 33.33 \% \end{gathered}$ | $\begin{gathered} 1 \\ 33.33 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 33.33 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 3 |
|  | U | $\begin{gathered} 4 \\ 0.56 \% \end{gathered}$ | $\begin{gathered} 10 \\ 1.39 \% \end{gathered}$ | $\begin{gathered} 36 \\ 5.01 \% \end{gathered}$ | $\begin{gathered} 79 \\ 11.00 \% \end{gathered}$ | $\begin{gathered} 124 \\ 17.27 \% \end{gathered}$ | $\begin{gathered} 247 \\ 34.40 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 215 \\ 29.94 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.42 \% \end{gathered}$ | 718 |
|  | X | $\begin{gathered} 27 \\ 13.17 \% \end{gathered}$ | $\begin{gathered} 29 \\ 14.15 \% \end{gathered}$ | $\begin{gathered} 47 \\ 22.93 \% \end{gathered}$ | $\begin{gathered} 47 \\ 22.93 \% \end{gathered}$ | $\begin{gathered} 35 \\ 17.07 \% \end{gathered}$ | $\begin{gathered} 16 \\ 7.80 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 3 \\ 1.46 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.49 \% \end{gathered}$ | 205 |
|  | Total | 1888 | 4979 | 9388 | 7947 | 4080 | 1234 | 4 | 238 | 82 | 29840 |

One might wonder whether re-sits are concentrated among a few subjects (such as those that most influenced university admissions) or whether they tend to be equally distributed across many subjects. Table 4 was constructed to answer this question. It lists the number of resits and the total number of exams taken in each A-level subject, along with the subject-specific percentage of exams re-sat.

However, the number of candidates taking A levels varies widely across subjects, so different statistics are needed to determine which subjects are contributing to the greatest number of resits. Therefore, the far-right column in Table 4 presents a second percentage: the percentage of all re-sits that were made up of exams in that subject. For example, over $13 \%$ of candidates re-sat the Bengali A-level (the highest percentage of re-sits for any subject), but these students accounted for only $0.01 \%$ of all resits on A-levels.

Table 4. Number of candidates re-sitting each subject

| A-level subject | Entries (n) Resits (n) Percent of entries re-sat Percent of all resits |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Accounting/Finance | 2565 | 103 | 4.02 | 0.35 |
| Additional Mathematics | 81 | 0 | 0.00 | 0.00 |
| Ancient History | 610 | 20 | 3.28 | 0.07 |
| Anthropology | 174 | 7 | 4.02 | 0.02 |
| Applied Art \& Design | 280 | 0 | 0.00 | 0.00 |
| Applied Business | 5741 | 116 | 2.02 | 0.39 |
| Applied Engineering | 222 | 2 | 0.90 | 0.01 |
| Applied ICT | 5224 | 100 | 1.91 | 0.34 |
| Applied Science | 2571 | 58 | 2.26 | 0.19 |
| Arabic | 379 | 30 | 7.92 | 0.10 |
| Archaeology | 351 | 7 | 1.99 | 0.02 |
| Art \& Design | 6610 | 53 | 0.80 | 0.18 |
| Art \& Design (3d Studies) | 620 | 2 | 0.32 | 0.01 |
| Art \& Design (Critical Studies) | 253 | 0 | 0.00 | 0.00 |
| Art \& Design (Fine Art) | 12808 | 76 | 0.59 | 0.25 |
| Art \& Design (Graphics) | 4134 | 17 | 0.41 | 0.06 |
| Art \& Design (Photography) | 12146 | 76 | 0.63 | 0.25 |
| Art \& Design (Textiles) | 3322 | 13 | 0.39 | 0.04 |
| Bengali | 29 | 4 | 13.79 | 0.01 |
| Biology | 52343 | 3688 | 7.05 | 12.36 |
| Business Studies: Single | 22645 | 754 | 3.33 | 2.53 |
| Business Studies \& Economics | 1940 | 9 | 0.46 | 0.03 |
| Chemistry | 44161 | 3056 | 6.92 | 10.24 |
| Chinese | 2508 | 293 | 11.68 | 0.98 |
| Classical Civilisation | 3555 | 129 | 3.63 | 0.43 |
| Classical Greek | 252 | 4 | 1.59 | 0.01 |
| Classics (General) | 266 | 8 | 3.01 | 0.03 |
| Communication Studies | 1587 | 6 | 0.38 | 0.02 |
| Computer Studies/Computing | 3622 | 140 | 3.87 | 0.47 |
| Critical Thinking | 646 | 11 | 1.70 | 0.04 |
| D\&T Food Technology | 1110 | 15 | 1.35 | 0.05 |
| D\&T Product Design | 8743 | 184 | 2.10 | 0.62 |
| D\&T Systems \& Control | 244 | 4 | 1.64 | 0.01 |
| D\&T Textiles Technology | 1575 | 17 | 1.08 | 0.06 |
| Dance | 1843 | 21 | 1.14 | 0.07 |
| Drama \& Theatre Studies | 11592 | 182 | 1.57 | 0.61 |
| Dutch | 112 | 10 | 8.93 | 0.03 |
| Economics | 21573 | 1209 | 5.60 | 4.05 |
| Electronics | 871 | 24 | 2.76 | 0.08 |
| English Language | 21463 | 466 | 2.17 | 1.56 |
| English Language \& Literature | 12979 | 313 | 2.41 | 1.05 |
| English Literature | 41552 | 953 | 2.29 | 3.19 |
| Environmental Science | 940 | 39 | 4.15 | 0.13 |
| Expressive Arts \& Performance Studies | 627 | 7 | 1.12 | 0.02 |
| Film Studies | 5736 | 62 | 1.08 | 0.21 |
| French | 8829 | 286 | 3.24 | 0.96 |
| General Studies | 24640 | 222 | 0.90 | 0.74 |
| Geography | 28128 | 959 | 3.41 | 3.21 |
| Geology | 1996 | 67 | 3.36 | 0.22 |
| German | 3647 | 134 | 3.67 | 0.45 |
| Government \& Politics | 11682 | 464 | 3.97 | 1.55 |
| Gujarati | 15 | 0 | 0.00 | 0.00 |
| Health \& Social Care | 5592 | 112 | 2.00 | 0.38 |
| History | 44339 | 1360 | 3.07 | 4.56 |
| History of Art | 830 | 38 | 4.58 | 0.13 |
| Home Economics: Food | 303 | 6 | 1.98 | 0.02 |
| Humanities: Single | 1 | 0 | 0.00 | 0.00 |

Table 4. Number of candidates re-sitting each subject

| A-level subject | Entries (n) Resits (n) Percent of entries re-sat Percent of all resits |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Information \& Communications Technology | 6746 | 201 | 2.98 | 0.67 |
| Italian | 652 | 30 | 4.60 | 0.10 |
| Japanese | 195 | 10 | 5.13 | 0.03 |
| Latin | 1260 | 21 | 1.67 | 0.07 |
| Law | 9864 | 335 | 3.40 | 1.12 |
| Leisure \& Recreation | 407 | 5 | 1.23 | 0.02 |
| Logic/ Philosophy | 2318 | 89 | 3.84 | 0.30 |
| Mathematics | 71610 | 6589 | 9.20 | 22.08 |
| Mathematics (Further) | 12483 | 426 | 3.41 | 1.43 |
| Mathematics (Pure) | 44 | 2 | 4.55 | 0.01 |
| Mathematics (Statistics) | 620 | 30 | 4.84 | 0.10 |
| Media/Film/Tv Studies | 19279 | 206 | 1.07 | 0.69 |
| Media: Communication \& Production | 313 | 3 | 0.96 | 0.01 |
| Modern Greek | 119 | 8 | 6.72 | 0.03 |
| Modern Hebrew | 37 | 2 | 5.41 | 0.01 |
| Music | 4648 | 139 | 2.99 | 0.47 |
| Music Technology | 2310 | 44 | 1.90 | 0.15 |
| Other Classical Languages | 23 | 0 | 0.00 | 0.00 |
| Performing Arts | 1054 | 9 | 0.85 | 0.03 |
| Persian | 166 | 10 | 6.02 | 0.03 |
| Physical Education/Sports Studies | 10930 | 349 | 3.19 | 1.17 |
| Physics | 30682 | 1682 | 5.48 | 5.64 |
| Polish | 739 | 52 | 7.04 | 0.17 |
| Portuguese | 277 | 29 | 10.47 | 0.10 |
| Psychology | 49173 | 1880 | 3.82 | 6.30 |
| Punjabi | 130 | 8 | 6.15 | 0.03 |
| Religious Studies | 19129 | 600 | 3.14 | 2.01 |
| Russian | 947 | 72 | 7.60 | 0.24 |
| Science in Society | 83 | 1 | 1.20 | 0.00 |
| Social Science: Citizenship | 571 | 10 | 1.75 | 0.03 |
| Sociology | 26509 | 732 | 2.76 | 2.45 |
| Spanish | 6397 | 232 | 3.63 | 0.78 |
| Travel \& Tourism | 1446 | 14 | 0.97 | 0.05 |
| Turkish | 416 | 38 | 9.13 | 0.13 |
| Urdu | 350 | 9 | 2.57 | 0.03 |
| Use of Mathematics | 1140 | 28 | 2.46 | 0.09 |
| World Development | 590 | 9 | 1.53 | 0.03 |

Next, the subjects leading to the most A-level resits were examined in more detail. For those subjects that the greatest numbers of students re-sit, do re-sit rates increase as original grades decrease? And are these students making the right decision---do their grades improve after another attempt? Tables 5.1-5.10 examine these questions for the five subjects with the highest numbers of resits. For each subject, two tables are reported: one with the re-sit rates for each possible original grade (similar to Table 2), and a second with re-sits by original and final grades (similar to Table 3).

For example, Mathematics accounted for the highest number of re-sits, at $22 \%$ of all re-sat exams. Table 5.1 reports the number of candidates scoring each possible grade (at first attempt) and the number of these students who later re-sat the qualification. The re-sit rate, or percentage of entries re-sat for each original grade, is also presented in Table 5.1. Then, for just those students who re-sat Mathematics, students' original and final grades are reported in Table 5.2. Similar to Table 3, Table 5.2 reports, for each original grade, the percentage achieving each possible final grade in Mathematics A-level.

The same descriptive analyses in Tables 5.1 and 5.2 for Mathematics are replicated in Tables 5.3 and 5.4 for Biology, in Table 5.5 and 5.6 for Chemistry, in Tables 5.7 and 5.8 for Psychology, and in Tables 5.9 and 5.10 for Physics.

Table 5.1. Percentage of resits by original grade in Mathematics

| Original grade | Number of exams | Number of resits | Percent re-sitting (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 13183 | 707 | 5.36 |
| A | 18064 | 927 | 5.13 |
| B | 15774 | 1690 | 10.71 |
| C | 11013 | 1492 | 13.55 |
| D | 7569 | 1120 | 14.80 |
| E | 4209 | 473 | 11.24 |
| U | 1743 | 145 | 8.32 |
| X | 55 | 35 | 63.64 |

Table 5.2. First and last grades achieved by re-sits in Mathematics


Table 5.3. Percentage of resits by original grade in Biology

| Original grade | Number of exams | Number of resits | Percent re-sitting (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 5582 | 2 | 0.04 |
| A | 9652 | 32 | 0.33 |
| B | 11958 | 790 | 6.61 |
| C | 10559 | 1177 | 11.15 |
| D | 8374 | 1115 | 13.32 |
| E | 4989 | 474 | 9.50 |
| Q | 1 | 0 | 0.00 |
| U | 1200 | 91 | 7.58 |
| X | 28 | 7 | 25.00 |

Table 5.4. First and last grades achieved by re-sits in Biology

|  |  | Last grade recorded |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A* | A | B | C | D | E | U | X | Total |
|  | A* | $\begin{gathered} 2 \\ 100.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 2 |
|  | A | $\begin{gathered} 11 \\ 34.38 \% \end{gathered}$ | $\begin{gathered} 21 \\ 65.63 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 32 |
|  | B | $\begin{gathered} 49 \\ 6.20 \% \end{gathered}$ | $\begin{gathered} 380 \\ 48.10 \% \end{gathered}$ | $\begin{gathered} 358 \\ 45.32 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.38 \% \end{gathered}$ | 790 |
|  | C | $\begin{gathered} 23 \\ 1.95 \% \end{gathered}$ | $\begin{gathered} 93 \\ 7.90 \% \end{gathered}$ | $\begin{gathered} 574 \\ 48.77 \% \end{gathered}$ | $\begin{gathered} 483 \\ 41.04 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.25 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.08 \% \end{gathered}$ | 1177 |
|  | D | $\begin{gathered} 3 \\ 0.27 \% \end{gathered}$ | $\begin{gathered} 29 \\ 2.60 \% \end{gathered}$ | $\begin{gathered} 197 \\ 17.67 \% \end{gathered}$ | $\begin{gathered} 463 \\ 41.52 \% \end{gathered}$ | $\begin{gathered} 412 \\ 36.95 \% \end{gathered}$ | $\begin{gathered} 7 \\ 0.63 \% \end{gathered}$ | $\begin{gathered} 2 \\ 0.18 \% \end{gathered}$ | $\begin{gathered} 2 \\ 0.18 \% \end{gathered}$ | 1115 |
|  | E | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 5 \\ 1.05 \% \end{gathered}$ | $\begin{gathered} 19 \\ 4.01 \% \end{gathered}$ | $\begin{gathered} 79 \\ 16.67 \% \end{gathered}$ | $\begin{gathered} 190 \\ 40.08 \% \end{gathered}$ | $\begin{gathered} 180 \\ 37.97 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.21 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 474 |
|  | U | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 1.10 \% \end{gathered}$ | $\begin{gathered} 5 \\ 5.49 \% \end{gathered}$ | $\begin{gathered} 14 \\ 15.38 \% \end{gathered}$ | $\begin{gathered} 37 \\ 40.66 \% \end{gathered}$ | $\begin{gathered} 33 \\ 36.26 \% \end{gathered}$ | $\begin{gathered} 1 \\ 1.10 \% \end{gathered}$ | 91 |
|  | X | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 14.29 \% \end{gathered}$ | $\stackrel{2}{2}$ | $\stackrel{2}{2}$ | $\stackrel{2}{28.57 \%}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 7 |
|  | Total | 88 | 529 | 1151 | 1032 | 621 | 224 | 36 | 7 | 3688 |

Table 5.5. Percentage of resits by original grade in Chemistry

| Original grade | Number of exams | Number of resits | Percent re-sitting (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 4384 | 2 | 0.05 |
| A | 10802 | 19 | 0.18 |
| B | 11329 | 799 | 7.05 |
| C | 8111 | 1031 | 12.71 |
| D | 5423 | 764 | 14.09 |
| E | 3157 | 354 | 11.21 |
| Q | 2 | 2 | 100.00 |
| U | 933 | 75 | 8.04 |
| X | 20 | 10 | 50.00 |

Table 5.6. First and last grades achieved by re-sits in Chemistry


Table 5.7. Percentage of resits by original grade in Psychology

| Original grade | Number of exams | Number of resits | Percent re-sitting (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 2515 | 0 | 0.00 |
| A | 6188 | 8 | 0.13 |
| B | 12525 | 337 | 2.69 |
| C | 12880 | 590 | 4.58 |
| D | 9194 | 613 | 6.67 |
| E | 4404 | 234 | 5.31 |
| U | 1397 | 70 | 5.01 |
| X | 70 | 28 | 40.00 |

Table 5.8. First and last grades achieved by re-sits in Psychology


Table 5.9. Percentage of resits by original grade in Physics

| Original grade | Number of exams | Number of resits | Percent re-sitting (\%) |
| :--- | ---: | ---: | ---: |
| A $^{*}$ | 3425 | 0 | 0.00 |
| A | 6467 | 21 | 0.32 |
| B | 6789 | 302 | 4.45 |
| C | 5573 | 519 | 9.31 |
| D | 4397 | 496 | 11.28 |
| E | 3057 | 277 | 9.06 |
| U | 957 | 61 | 6.37 |
| X | 17 | 6 | 35.29 |

Table 5.10. First and last grades achieved by re-sits in Physics

|  |  | Last grade recorded |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | A* | A | B | C | D | E | U | X | Total |
|  | A* | $\begin{array}{\|c\|} 0 \\ 0.00 \% \end{array}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 0 |
|  | A | $\begin{array}{\|c} 7 \\ 33.33 \% \end{array}$ | $\begin{gathered} 13 \\ 61.90 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 4.76 \% \end{gathered}$ | 21 |
|  | B | $\begin{gathered} 8 \\ 2.65 \% \end{gathered}$ | $\begin{gathered} 127 \\ 42.05 \% \end{gathered}$ | $\begin{gathered} 167 \\ 55.30 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 302 |
| $\stackrel{\lambda}{\mathrm{\lambda}}$ | C | $\begin{gathered} 4 \\ 0.77 \% \end{gathered}$ | $\begin{gathered} 47 \\ 9.06 \% \end{gathered}$ | $\begin{gathered} 226 \\ 43.55 \% \end{gathered}$ | $\begin{gathered} 239 \\ 46.05 \% \end{gathered}$ | $\begin{gathered} 3 \\ 0.58 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 519 |
|  | D | $\begin{array}{\|c\|} 2 \\ 0.40 \% \end{array}$ | $\begin{gathered} 15 \\ 3.02 \% \end{gathered}$ | $\begin{gathered} 96 \\ 19.35 \% \end{gathered}$ | $\begin{gathered} 208 \\ 41.94 \% \end{gathered}$ | $\begin{gathered} 174 \\ 35.08 \% \end{gathered}$ | $\begin{gathered} 1 \\ 0.20 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 496 |
|  | E | $\begin{array}{\|c\|} 0 \\ 0.00 \% \end{array}$ | $\begin{gathered} 2 \\ 0.72 \% \end{gathered}$ | $\begin{gathered} 23 \\ 8.30 \% \end{gathered}$ | $\begin{gathered} 48 \\ 17.33 \% \end{gathered}$ | $\begin{gathered} 98 \\ 35.38 \% \end{gathered}$ | $\begin{gathered} 102 \\ 36.82 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 4 \\ 1.44 \% \end{gathered}$ | 277 |
|  | U | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 1.64 \% \end{gathered}$ | $\begin{gathered} 5 \\ 8.20 \% \end{gathered}$ | $\begin{gathered} 7 \\ 11.48 \% \end{gathered}$ | $\begin{gathered} 20 \\ 32.79 \% \end{gathered}$ | $\begin{gathered} 28 \\ 45.90 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 61 |
|  | X | $\begin{gathered} 1 \\ 16.67 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 1 \\ 16.67 \% \end{gathered}$ | $\begin{gathered} 2 \\ 33.33 \% \end{gathered}$ | $\begin{gathered} 1 \\ 16.67 \% \end{gathered}$ | $\begin{gathered} 1 \\ 16.67 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | $\begin{gathered} 0 \\ 0.00 \% \end{gathered}$ | 6 |
|  | Total | 22 | 204 | 514 | 502 | 283 | 124 | 28 | 5 | 1682 |

## Reference

Zanini, N. (2015). Re-sitting patterns at GCSE across subjects in 2013 and 2014. Statistics Report Series No. 93. Cambridge Assessment


[^0]:    ${ }^{1}$ Regular grades are $\mathrm{A}^{*}$ - E or U. However, some candidates receive a grade Q or X. Grade Q means that clarifications are needed by the exam board in order to grade the exam. Grade X grade signifies that the candidate has completed only part of the course/exam and so an appropriate grade cannot be given. Both X and Q are temporary grades and are normally replaced with a regular grade ( $A^{*}-\mathrm{E}$ or U) later.

