# Progression from Level 3 Cambridge Technicals to Higher Education 

Research Report

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## Introduction

A cohort of Level 3 Cambridge Technicals students (19095 'unique' students ${ }^{1}$ ) was sent to UCAS to be tracked against the 2017 cycle year $^{2}$ for the undergraduate scheme. Information on these students was extracted from OCR Candidate Administration Management System (CAMS). This provided numbers and types of qualifications achieved, performance in the qualifications, student gender, student age and centre attended. The cohort was restricted to candidates who certificated in a Level 3 Cambridge Technical qualification (e.g., those with a grade U were excluded) in the period from September 2016 to August 2017.
Disclosure controls have been applied to the data to reduce the risk of disclosing personal data about identifiable individuals. For counts, the controls include reporting each cell count to the nearest five. In particular cell counts of 1 and 2 are reported as 0 . These controls are applied to each cell independently so this may result in instances where totals do not equal the sum of the components.
It should be noted that a Cambridge Technical (particularly the Certificate, Introductory Diploma and Subsidiary Diploma) might not be the sole qualification taken as part of a young person's programme of learning and students might take, for example, A levels or other vocational related qualifications alongside them.

## Overall progression to Higher Education

7450 Cambridge Technicals candidates were tracked by UCAS against the 2017 cycle year for the undergraduate scheme (39\% of the cohort). Of the applicants tracked, 95\% (7045 applicants) received at least one offer and $86.6 \%$ were accepted on a course (6455 applicants). See details in Table 1 below.
The data on Cambridge Technicals students has been compared to two UCAS data sources (this is part of a benchmarking service provided by UCAS ${ }^{3}$ ):

- A database of potential applicants. This is used to benchmark the application rate of the cohort.
- UCAS' applications database. This is used to benchmark the progress of the cohort through the application process.
At this stage, no information beyond significance of differences has been provided by UCAS and it is not possible to provide any more detailed statistics within this report. For both cases, the data on Cambridge Technicals has been compared to a similar set of young people from the relevant source. In particular, for statistics on application rates UCAS have attempted to make a comparison with students who are similar in terms of age, sociodemographics of the home address, and the proportion of their nearest school being eligible for free school meals. For statistics on the percentage of applicants who are either offered or accept places, UCAS have attempted to compare to other applicants who are similar in terms of age, ethnicity, gender, socio-demographics of home address, proportion of their school being eligible for free school meals, and achievement during key stage 4. More details about the benchmarking are available in Appendix A.

[^0]Table 1: Summary of progression from Cambridge Technicals

| Measure | Total | \% <br> cohort | \% <br> applicants | Significance |
| :--- | :---: | :---: | :---: | :---: |
| Cambridge Technicals cohort | 19095 | - | - |  |
| Applied | 7450 | $39 \%$ | - | Very significantly low |
| Offered | 7045 | $37 \%$ | $95 \%$ | No significant difference |
| Accepted | 6455 | $34 \%$ | $87 \%$ | Very significantly high |

Table 1 shows that the application rate of candidates with Cambridge Technicals is very significantly low compared to other similar potential applicants. It should be noted at this point that these qualifications have been designed with the workplace in mind and provide a strong base for progression, not only to higher education, but also onto an apprenticeship, employment, or further education ${ }^{4}$. There is no difference between the offer rate between Cambridge Technical students and comparable groups and the acceptance rate is very significantly high.
The overall performance of the cohort (Cambridge Technicals students) in relation to three university tariff groupings is presented in the tables below (Tables 2 to 4). High tariff represents the highest performing and most competitive institutions, and low tariff represents the lowest performing and least competitive institutions.
Table 2 shows that a higher percentage of the students with Cambridge Technicals applied to lower tariff institutions, compared to the percentages applying to medium and high tariff institutions. Also, the application rates of Cambridge Technical students to higher and medium tariff universities were very significantly low when compared to the rates amongst students in comparable groups. It should be noted though that the choice of institution could have been influenced by the type of course/degree that the student wanted to pursue.

Table 2: Applicants by university tariff group

| Applied | Total | $\%$ <br> cohort | Significance |
| :--- | :---: | :---: | :---: |
| Higher tariff group | 2540 | $13 \%$ | Very significantly low |
| Medium tariff group | 5450 | $29 \%$ | Very significantly low |
| Lower tariff group | 6540 | $34 \%$ | No significant difference |

Table 3 shows that a higher percentage of the applicants with Cambridge Technicals received offers to lower tariff institutions, compared to the percentages received to medium and, in particular, high tariff institutions. The offer rate of Cambridge Technical students from higher tariff universities was very significantly low compared to other similar applicants. However, there was no difference between the offer rates from medium and lower tariff universities between Cambridge Technical students and the comparable groups.

[^1]Table 3: Offers by university tariff group

| Offered | Total | \% <br> cohort | \% <br> applicants | Significance |
| :--- | :---: | :---: | :---: | :---: |
| Higher tariff group | 1380 | $7 \%$ | $54 \%$ | Very significantly low |
| Medium tariff group | 4450 | $23 \%$ | $82 \%$ | No significant difference |
| Lower tariff group | 5915 | $31 \%$ | $90 \%$ | No significant difference |

Finally, Table 4 shows that a higher percentage of the applicants with Cambridge Technicals were accepted to lower tariff institutions, compared to the percentages accepted to medium and, in particular, high tariff institutions. The acceptance rate of Cambridge Technicals students to higher tariff universities was very significantly low. However, there was no difference between the acceptance rates from lower tariff universities between Cambridge Technical students and the comparable groups and the acceptance rate of Cambridge Technical students from medium tariff universities was significantly high.

Table 4: Acceptances by university tariff group

| Accepted | Total | \% <br> cohort | \% <br> applicants | Significance |
| :--- | :---: | :---: | :---: | :---: |
| Higher tariff group | 460 | $2 \%$ | $18 \%$ | Very significantly low |
| Medium tariff group | 2410 | $13 \%$ | $44 \%$ | Significantly high |
| Lower tariff group | 3590 | $19 \%$ | $55 \%$ | No significant difference |

Higher education institutions were also classified as being in the Russell Group ${ }^{5}$ or not. Table 5 shows the number of applicants to each group of universities and the acceptance rates. In the same way as the figures presented in Tables 2 to 4, higher numbers of the students with Cambridge Technicals applied to institutions not in the Russell Group, compared to the numbers applying to Russell Group universities. The acceptance rate was fairly high amongst students applying to not Russell Group institutions (95\%), and much lower amongst those applying to the Russell Group.

Table 5: Applications and acceptances by Russell Group membership

| Russell Group membership | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Not Russell Group | 7225 | 6880 | $95 \%$ |
| Russell Group | 2495 | 495 | $20 \%$ |

Higher education courses have been classified in 26 subject areas (see Table B1 in Appendix B). Each course was assigned up to three valid JACS3 ${ }^{6}$ subject codes (e.g., G100 - Mathematics) and a course balance indicator by UCAS. The course was then assigned a subject based on the JACS3 subject codes and the balance indicator. Where there were

[^2]more than one JACS3 subject code for a given course, and the balance indicator was dual or triple, the subject was 'combined'.
Table 6 shows the number of applicants to each higher education subject group and the acceptance rates. The most popular subject areas amongst students with Cambridge Technicals were: Business and Admin Studies; Creative Arts and Design; Computer Sciences; Social Studies; and Biological Sciences. These higher education subject groups align quite well with the subjects available in the Cambridge Technicals. Acceptance rates varied considerably by the higher education subject group. Table 6 shows that the highest rates were in Computer Science and Business and Admin Studies (over 80\%); the lowest rates were in combined subject areas (below $30 \%$ ).

Table 7, which breaks down the applications and acceptances by higher education subject group and Russell Group membership, shows that the uptake patterns of higher education subjects are very similar in both groups of universities. This possibly indicates that the Cambridge Technical subject is the driver of the subject choice at university.

Table 6: Applications and acceptances by higher education subject group

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group A: Medicine and Dentistry | 10 | 0 | $0 \%$ |
| Group B: Subjects allied to Medicine | 970 | 570 | $59 \%$ |
| Group C: Biological Sciences | 1005 | 700 | $70 \%$ |
| Group D: Veterinary Sciences, Agriculture and related | 45 | 30 | $67 \%$ |
| Group F: Physical Sciences | 240 | 140 | $58 \%$ |
| Group G: Mathematical Sciences | 70 | 50 | $71 \%$ |
| Group H: Engineering | 325 | 190 | $58 \%$ |
| Group I: Computer Sciences | 1065 | 955 | $90 \%$ |
| Group J: Technologies | 40 | 15 | $38 \%$ |
| Group K: Architecture, Building and Planning | 135 | 100 | $74 \%$ |
| Group L: Social Studies | 1045 | 585 | $56 \%$ |
| Group M: Law | 415 | 315 | $76 \%$ |
| Group N: Business and Admin studies | 1785 | 1545 | $87 \%$ |
| Group P: Mass Communication and Documentation | 600 | 385 | $64 \%$ |
| Group Q: Linguistics, Classics and related | 95 | 60 | $63 \%$ |
| Group R: European Languages, Literature and related | 15 | 10 | $67 \%$ |
| Group T: Non-European Languages, Literature and related | 15 | 10 | $67 \%$ |
| Group V: History and Philosophical studies | 110 | 70 | $64 \%$ |
| Group W: Creative Arts and Design | 1090 | 715 | $66 \%$ |
| Group X: Education | 570 | 415 | $73 \%$ |
| Y: Combined arts | 200 | 55 | $28 \%$ |
| Y: Combined sciences | 280 | 100 | $36 \%$ |
| Y: Combined social sciences | 255 | 75 | $29 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 585 | 180 | $31 \%$ |
| Y: Social Sciences combined with Arts | 240 | 70 | $29 \%$ |
| Z: General, other combined and unknown | 110 | 25 | $23 \%$ |

Table 7: Applications and acceptances by higher education subject group and Russell Group membership

| Higher education subject group | Not Russell Group |  |  | Russell Group |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Applied | Accepted | \% accepted (applicants) | Applied | Accepted | \% accepted (applicants) |
| Group A: Medicine and Dentistry | 5 | 0 | 0\% | 10 | 0 | 0\% |
| Group B: Subjects allied to Medicine | 955 | 510 | 53\% | 470 | 65 | 14\% |
| Group C: Biological Sciences | 995 | 675 | 68\% | 225 | 25 | 11\% |
| Group D: Veterinary Sciences, Agriculture and related | 40 | 30 | 75\% | 5 | 0 | 0\% |
| Group F: Physical Sciences | 225 | 120 | 53\% | 70 | 20 | 29\% |
| Group G: Mathematical Sciences | 60 | 30 | 50\% | 50 | 20 | 40\% |
| Group H: Engineering | 305 | 170 | 56\% | 115 | 20 | 17\% |
| Group I: Computer Sciences | 1055 | 905 | 86\% | 250 | 50 | 20\% |
| Group J: Technologies | 40 | 15 | 38\% | 5 | 0 | 0\% |
| Group K: Architecture, Building and Planning | 130 | 100 | 77\% | 30 | 0 | 0\% |
| Group L: Social Studies | 995 | 520 | 52\% | 240 | 65 | 27\% |
| Group M: Law | 410 | 295 | 72\% | 120 | 20 | 17\% |
| Group N: Business and Admin studies | 1760 | 1455 | 83\% | 495 | 90 | 18\% |
| Group P: Mass Communication and Documentation | 580 | 370 | 64\% | 110 | 20 | 18\% |
| Group Q: Linguistics, Classics and related | 85 | 45 | 53\% | 40 | 10 | 25\% |
| Group R: European Languages, Literature and related | 10 | 5 | 50\% | 15 | 5 | 33\% |
| Group T: Non-European Languages, Literature and related | 10 | 5 | 50\% | 5 | 0 | 0\% |
| Group V: History and Philosophical studies | 95 | 55 | 58\% | 60 | 15 | 25\% |
| Group W: Creative Arts and Design | 1055 | 690 | 65\% | 175 | 25 | 14\% |
| Group X: Education | 565 | 410 | 73\% | 50 | 5 | 10\% |
| Y: Combined arts | 195 | 55 | 28\% | 20 | 5 | 25\% |
| Y: Combined sciences | 250 | 95 | 38\% | 35 | 5 | 14\% |
| Y: Combined social sciences | 240 | 70 | 29\% | 30 | 5 | 17\% |
| Y: Sciences combined with Social Sciences or Arts | 550 | 175 | 32\% | 50 | 10 | 20\% |
| Y: Social Sciences combined with Arts | 205 | 65 | 32\% | 55 | 5 | 9\% |
| Z: General, other combined and unknown | 75 | 20 | 27\% | 35 | 5 | 14\% |

## Progression to Higher Education by Cambridge Technical subject

The following tables show the progression from each of the Cambridge Technicals subject areas for the 2012 Suite (Table 8) and the 2016 Suite (Table 9). If no data is shown (blank in the table), then no students have been matched to data from the 2017 UCAS cycle.
Table 8 shows that similar percentages of students with Cambridge Technicals in Health and Social Care, IT and Performing Arts applied to higher education. The Cambridge Technical subject with the lowest percentage of students applying was Art and Design, followed by Media. Acceptance rates were very similar for all Cambridge Technicals subjects.
Table 9, which shows progression from the 2016 Suite, reflects the low numbers of students who have completed one of these qualifications at the time data was requested from UCAS. However, amongst those who applied, offer and acceptance rates were quite high.
Tables 10 to 16 show the progression from 2012 Suite of Cambridge Technicals subject areas to each of the 26 higher education subject groups - note that only the higher education subject areas with more than ten applicants are shown in the tables. The most popular higher education subject groups is highlighted in light green. As shown previously in Table 6, the higher education subject groups align quite well with the Cambridge Technicals subjects.

Table 8: Progression from Level 3 Cambridge Technicals, by subject ~ 2012 Suite

| Cambridge Technical <br> subject area | Applied | Offered | \% <br> offered <br> (applicants) | Accepted | \% <br> accepted <br> (applicants) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Art \& Design | 220 | 205 | $93 \%$ | 190 | $86 \%$ |
| Business | 1540 | 1480 | $96 \%$ | 1375 | $89 \%$ |
| Health and Social Care | 1515 | 1390 | $92 \%$ | 1255 | $83 \%$ |
| IT | 3135 | 2985 | $95 \%$ | 2755 | $88 \%$ |
| Media | 670 | 635 | $95 \%$ | 570 | $85 \%$ |
| Performing Arts | 65 | 55 | $85 \%$ | 50 | $77 \%$ |
| Sport | 655 | 625 | $95 \%$ | 575 | $88 \%$ |

Table 9: Progression from Level 3 Cambridge Technicals, by subject ~ 2016 Suite

| Cambridge Technical <br> subject area | Applied | Offered | $\%$ <br> offered <br> (applicants) | Accepted | \% <br> accepted <br> (applicants) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Business | 55 | 50 | $91 \%$ | 50 | $91 \%$ |
| Digital Media | 10 | 10 | $100 \%$ | 10 | $100 \%$ |
| Engineering | 85 | 80 | $94 \%$ | 70 | $82 \%$ |
| Health and Social Care | 25 | 25 | $100 \%$ | 25 | $100 \%$ |
| IT | 35 | 35 | $100 \%$ | 30 | $86 \%$ |
| Performing Arts | 10 | 5 | $50 \%$ | 5 | $50 \%$ |
| Sport and Physical Activity | 15 | 15 | $100 \%$ | 10 | $67 \%$ |

Table 10: Progression to higher education subject area ~ 2012 Suite, Art \&Design

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group N: Business and Admin studies | 20 | 10 | $50 \%$ |
| Group P: Mass Communication and Documentation | 15 | 10 | $67 \%$ |
| Group W: Creative Arts and Design | 165 | 135 | $82 \%$ |

Table 11: Progression to higher education subject area ~ 2012 Suite, Business

| Higher education subject group | Applied | Accepted | \%accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group B: Subjects allied to Medicine | 70 | 40 | $57 \%$ |
| Group C: Biological Sciences | 125 | 65 | $52 \%$ |
| Group F: Physical Sciences | 40 | 15 | $38 \%$ |
| Group H: Engineering | 40 | 20 | $50 \%$ |
| Group I: Computer Sciences | 145 | 100 | $69 \%$ |
| Group K: Architecture, Building and Planning | 25 | 20 | $80 \%$ |
| Group L: Social Studies | 200 | 100 | $50 \%$ |
| Group M: Law | 140 | 105 | $75 \%$ |
| Group N: Business and Admin studies | 765 | 620 | $81 \%$ |
| Group P: Mass Communication and Documentation | 75 | 40 | $53 \%$ |
| Group Q: Linguistics, Classics and related | 20 | 10 | $50 \%$ |
| Group V: History and Philosophical studies | 25 | 20 | $80 \%$ |
| Group W: Creative Arts and Design | 130 | 85 | $65 \%$ |
| Group X: Education | 65 | 45 | $69 \%$ |
| Y: Combined arts | 20 | 10 | $50 \%$ |
| Y: Combined sciences | 45 | 15 | $33 \%$ |
| Y: Combined social sciences | 75 | 20 | $27 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 115 | 30 | $26 \%$ |
| Y: Social Sciences combined with Arts | 65 | 20 | $31 \%$ |
| Z: General, other combined and unknown | 35 | 5 | $14 \%$ |

Table 12: Progression to higher education subject area ~ 2012 Suite, Health and Social Care

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group B: Subjects allied to Medicine | 640 | 405 | $63 \%$ |
| Group C: Biological Sciences | 180 | 125 | $69 \%$ |
| Group F: Physical Sciences | 25 | 15 | $60 \%$ |
| Group H: Engineering | 20 | 5 | $25 \%$ |
| Group I: Computer Sciences | 20 | 15 | $75 \%$ |
| Group L: Social Studies | 460 | 250 | $54 \%$ |
| Group M: Law | 85 | 55 | $65 \%$ |
| Group N: Business and Admin studies | 100 | 75 | $75 \%$ |
| Group P: Mass Communication and Documentation | 20 | 15 | $75 \%$ |
| Group Q: Linguistics, Classics and related | 20 | 10 | $50 \%$ |
| Group V: History and Philosophical studies | 15 | 10 | $67 \%$ |
| Group W: Creative Arts and Design | 45 | 30 | $67 \%$ |
| Group X: Education | 285 | 225 | $79 \%$ |
| Y: Combined arts | 25 | 0 | $0 \%$ |
| Y: Combined sciences | 35 | 10 | $29 \%$ |
| Y: Combined social sciences | 30 | 10 | $33 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 95 | 35 | $37 \%$ |
| Y: Social Sciences combined with Arts | 40 | 10 | $25 \%$ |
| Z: General, other combined and unknown | 20 | 5 | $25 \%$ |

Table 13: Progression to higher education subject area ~ 2012 Suite, IT

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group B: Subjects allied to Medicine | 200 | 85 | $43 \%$ |
| Group C: Biological Sciences | 290 | 190 | $66 \%$ |
| Group D: Veterinary Sciences, Agriculture and related | 20 | 10 | $50 \%$ |
| Group F: Physical Sciences | 145 | 90 | $62 \%$ |
| Group G: Mathematical Sciences | 45 | 30 | $67 \%$ |
| Group H: Engineering | 185 | 100 | $54 \%$ |
| Group I: Computer Sciences | 875 | 715 | $82 \%$ |
| Group J: Technologies | 20 | 10 | $50 \%$ |
| Group K: Architecture, Building and Planning | 80 | 55 | $69 \%$ |
| Group L: Social Studies | 355 | 185 | $52 \%$ |
| Group M: Law | 170 | 120 | $71 \%$ |
| Group N: Business and Admin studies | 840 | 630 | $75 \%$ |
| Group P: Mass Communication and Documentation | 215 | 115 | $53 \%$ |
| Group Q: Linguistics, Classics and related | 40 | 25 | $63 \%$ |
| Group V: History and Philosophical studies | 55 | 35 | $64 \%$ |
| Group W: Creative Arts and Design | 395 | 240 | $61 \%$ |
| Group X: Education | 150 | 90 | $60 \%$ |
| Y: Combined arts | 65 | 20 | $31 \%$ |
| Y: Combined sciences | 125 | 45 | $36 \%$ |
| Y: Combined social sciences | 125 | 30 | $24 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 245 | 80 | $33 \%$ |
| Y: Social Sciences combined with Arts | 85 | 25 | $29 \%$ |
| Z: General, other combined and unknown | 40 | 10 | $25 \%$ |

Table 14: Progression to higher education subject area ~ 2012 Suite, Media

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group C: Biological Sciences | 35 | 25 | $71 \%$ |
| Group H: Engineering | 20 | 15 | $75 \%$ |
| Group I: Computer Sciences | 100 | 95 | $95 \%$ |
| Group L: Social Studies | 30 | 20 | $67 \%$ |
| Group M: Law | 20 | 10 | $50 \%$ |
| Group N: Business and Admin studies | 95 | 75 | $79 \%$ |
| Group P: Mass Communication and Documentation | 280 | 185 | $66 \%$ |
| Group W: Creative Arts and Design | 305 | 165 | $54 \%$ |
| Y: Combined arts | 65 | 20 | $31 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 25 | 5 | $20 \%$ |
| Y: Social Sciences combined with Arts | 40 | 5 | $13 \%$ |

Table 15: Progression to higher education subject area ~ 2012 Suite, Performing Arts

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group W: Creative Arts and Design | 50 | 35 | $70 \%$ |

Table 16: Progression to higher education subject area ~ 2012 Suite, Sport

| Higher education subject group | Applied | Accepted | \% accepted <br> (applicants) |
| :--- | :---: | :---: | :---: |
| Group B: Subjects allied to Medicine | 80 | 30 | $38 \%$ |
| Group C: Biological Sciences | 390 | 275 | $71 \%$ |
| Group F: Physical Sciences | 15 | 5 | $33 \%$ |
| Group H: Engineering | 15 | 5 | $33 \%$ |
| Group I: Computer Sciences | 15 | 5 | $33 \%$ |
| Group L: Social Studies | 55 | 15 | $27 \%$ |
| Group M: Law | 25 | 15 | $60 \%$ |
| Group N: Business and Admin studies | 180 | 100 | $56 \%$ |
| Group P: Mass Communication and Documentation | 20 | 10 | $50 \%$ |
| Group W: Creative Arts and Design | 25 | 15 | $60 \%$ |
| Group X: Education | 75 | 35 | $47 \%$ |
| Y: Combined sciences | 75 | 20 | $27 \%$ |
| Y: Combined social sciences | 25 | 5 | $20 \%$ |
| Y: Sciences combined with Social Sciences or Arts | 130 | 25 | $19 \%$ |

The equivalent data for the 2016 Suite of Cambridge Technicals is not shown here due to the very small number of students who have completed qualifications of that suite at this time. However, it should be mentioned that around $73 \%$ of the students with a Cambridge Technical in Engineering (Suite 2016, which was offered in 2015 and therefore has been longer in schools) who applied to higher education enrolled in a degree in the subject area Engineering.
Tables 17 and 18 show the progression from each of the Cambridge Technicals subject areas for the 2012 Suite (Table 17) and the 2016 Suite (Table 18) to different types of universities (Russell Group vs. not Russell Group).

Table 17: Progression to different types of universities ~ 2012 Suite, all subjects

| Cambridge Technical <br> subject area | Not Russell Group |  |  | Russell Group |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Applied | Accepted | \% accepted <br> (applicants) | Applied | Accepted | \% accepted <br> (applicants) |
| Art \& Design | 215 | 185 | $86 \%$ | 45 | 5 | $11 \%$ |
| Business | 1500 | 1290 | $86 \%$ | 530 | 120 | $23 \%$ |
| Health and Social Care | 1490 | 1240 | $83 \%$ | 560 | 85 | $15 \%$ |
| IT | 3025 | 2730 | $90 \%$ | 1090 | 195 | $18 \%$ |
| Media | 645 | 625 | $97 \%$ | 175 | 35 | $20 \%$ |
| Performing Arts | 65 | 55 | $85 \%$ | 15 | 5 | $33 \%$ |
| Sport | 635 | 570 | $90 \%$ | 170 | 25 | $15 \%$ |

Table 18: Progression to different types of universities ~ 2016 Suite, all subjects

| Cambridge Technical <br> subject area | Not Russell Group |  |  | Russell Group |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Applied | Accepted | \% accepted <br> (applicants) | Applied | Accepted | \% accepted <br> (applicants) |
| Business | 50 | 50 | $100 \%$ | 10 | 0 | $0 \%$ |
| Digital Media | 10 | 10 | $100 \%$ | 5 | 0 | $0 \%$ |
| Engineering | 80 | 50 | $63 \%$ | 60 | 20 | $33 \%$ |
| Health and Social Care | 25 | 20 | $80 \%$ | 10 | 0 | $0 \%$ |
| IT | 35 | 30 | $86 \%$ | 10 | 0 | $0 \%$ |
| Performing Arts | 10 | 5 | $50 \%$ |  |  |  |
| Sport and Physical <br> Activity | 15 | 10 | $67 \%$ | 5 | 0 | $0 \%$ |

## Appendix A

The report has been subject to a benchmarking exercise, upon which assessments of statistical significance have been made.
The data on Cambridge Technicals has been compared to two UCAS data sources:

- A database of potential applicants. This is used to benchmark the application rate of the Cambridge Technicals cohort.
- UCAS' applications database. This is used to benchmark the progress of the Cambridge Technicals cohort through the application process.

In both cases, the Cambridge Technical data has been compared to a representative set from the relevant source in the following two ways:

1. The potential applicant database cohort is similar in terms of a score that represents the combination of age, socio-demographics of the home address, and the proportion of their nearest school being eligible for free school meals.
2. The UCAS applications database cohort is similar in terms of a score that represents the combination of age, ethnicity, gender, socio-demographics of home address, and proportion of their school being eligible for free school meals, as well as a score that represents the achievement of that student at GCSE level (or Scottish equivalent).

The cohort of Cambridge Technical students has been compared to many cohorts of similar size and make up, and the position of the cohort within the sample is represented in terms of a percentile. This percentile is then assessed for statistical significance, and the result of this test is shown.
More details about the benchmarking service are available contacting UCAS (strobe@ucas.ac.uk).

## Appendix B

Table B1: Higher education subject areas

| Group A: Medicine and Dentistry |
| :--- |
| Group B: Subjects allied to Medicine |
| Group C: Biological Sciences |
| Group D: Veterinary Sciences, Agriculture and related |
| Group F: Physical Sciences |
| Group G: Mathematical Sciences |
| Group H: Engineering |
| Group I: Computer Sciences |
| Group J: Technologies |
| Group K: Architecture, Building and Planning |
| Group L: Social Studies |
| Group M: Law |
| Group N: Business and Admin studies |
| Group P: Mass Communication and Documentation |
| Group Q: Linguistics, Classics and related |
| Group R: European Languages, Literature and related |
| Group T: Non-European Languages, Literature and related |
| Group V: History and Philosophical studies |
| Group W: Creative Arts and Design |
| Group X: Education |
| Y: Combined arts |
| Y: Combined sciences |
| Y: Combined social sciences |
| Y: Sciences combined with Social Sciences or Arts |
| Y: Social Sciences combined with Arts |
| Z: General, other combined and unknown |


[^0]:    ${ }^{1}$ There were, however, 21237 certifications in Level 3 Cambridge Technicals, as some candidates achieved two or more qualifications.
    ${ }^{2}$ The cycle year 2017 includes candidates who applied to start a higher education course in the academic year 2017/18.
    ${ }^{3}$ The benchmarking service tells us whether the application or acceptance rate of the Cambridge Technicals students is significantly high or low.

[^1]:    ${ }^{4}$ The apparently lower application rate may also be partially caused by difficulties in matching data from CAMS to UCAS data.

[^2]:    ${ }^{5}$ The Russell Group is an association of leading UK research-intensive universities committed to maintaining the highest standards of research, education and knowledge transfer. A list of members of the Russell Group can be found here: http://www.russellgroup.ac.uk.
    ${ }^{6}$ https://www.hesa.ac.uk/support/documentation/jacs

