College IT and Digital Technology Survey 2018

David Corke
Director of Education and Skills Policy
Association of Colleges
## Response rate – by region

### 75 responses from 72 Colleges

<table>
<thead>
<tr>
<th>Region</th>
<th>Number of responses</th>
<th>Number of colleges in region</th>
<th>Percent within region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern region</td>
<td>5</td>
<td>26</td>
<td>19%</td>
</tr>
<tr>
<td>East Midlands</td>
<td>3</td>
<td>17</td>
<td>18%</td>
</tr>
<tr>
<td>Greater London</td>
<td>4</td>
<td>39</td>
<td>10%</td>
</tr>
<tr>
<td>North East</td>
<td>7</td>
<td>15</td>
<td>47%</td>
</tr>
<tr>
<td>North West</td>
<td>12</td>
<td>44</td>
<td>27%</td>
</tr>
<tr>
<td>South East</td>
<td>11</td>
<td>44</td>
<td>25%</td>
</tr>
<tr>
<td>South West</td>
<td>9</td>
<td>24</td>
<td>38%</td>
</tr>
<tr>
<td>West Midlands</td>
<td>8</td>
<td>29</td>
<td>28%</td>
</tr>
<tr>
<td>Yorkshire and the Humber</td>
<td>13</td>
<td>28</td>
<td>46%</td>
</tr>
<tr>
<td><strong>Total Colleges England</strong></td>
<td><strong>72</strong></td>
<td><strong>266</strong></td>
<td><strong>27%</strong></td>
</tr>
<tr>
<td>Additional responses (i.e. other partner in merged college)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total responses</strong></td>
<td><strong>75</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Responses by type of college

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of responses</th>
<th>Number of colleges in England</th>
<th>Percent within type</th>
</tr>
</thead>
<tbody>
<tr>
<td>General further education college</td>
<td>62</td>
<td>179</td>
<td>35%</td>
</tr>
<tr>
<td>Sixth form college</td>
<td>4</td>
<td>61</td>
<td>7%</td>
</tr>
<tr>
<td>Specialist college</td>
<td>6</td>
<td>26</td>
<td>23%</td>
</tr>
<tr>
<td><strong>Total Colleges England</strong></td>
<td><strong>72</strong></td>
<td><strong>266</strong></td>
<td><strong>27%</strong></td>
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<tr>
<td>Additional responses (other partner in merged college)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total responses</strong></td>
<td><strong>75</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Digital devices available in colleges

Average of 2,636 digital devices available for lecturer/student use

Q4. How many digital devices are available for lecturer / student use (including those provided on loan) of the following type?

<table>
<thead>
<tr>
<th></th>
<th>Average per college</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desktop (for lecturers)</td>
<td>476</td>
</tr>
<tr>
<td>Desktop (for students)</td>
<td>1,383</td>
</tr>
<tr>
<td>Tablet (for lecturers)</td>
<td>96</td>
</tr>
<tr>
<td>Tablet (for students)</td>
<td>138</td>
</tr>
<tr>
<td>Laptop (for lecturers)</td>
<td>183</td>
</tr>
<tr>
<td>Laptop (for students)</td>
<td>367</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1,852</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desktop</td>
<td>234</td>
</tr>
<tr>
<td>Tablet</td>
<td>549</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>749</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total for lecturers</td>
<td>1,887</td>
</tr>
<tr>
<td>Total for students</td>
<td>2,636</td>
</tr>
</tbody>
</table>

|                          | 2,636               |
• 36% of digital devices in use are more than 5 years old (an average of 937 per college)

• 33% of devices expected to become unusable by 2020 (an average of 845 per college) - (i.e. due to age of the equipment or because the equipment is running software that will no longer be supported, such as Windows 7 or legacy versions of Android or iOS)
• 91% of colleges allow students to bring their own device (BYOD) for use on the college network
• 85% of colleges allow staff to bring their own device (BYOD) for use on the college network
Estimate of percentage of students / staff that bring their own device for use on the college network

Q8. If 'Yes' to Q7, what percentage of students / staff do you estimate bring their own device for use on the college network?

<table>
<thead>
<tr>
<th></th>
<th>Percentage of students</th>
<th>Percentage of staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODE</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>MEDIAN</td>
<td>20%</td>
<td>10%</td>
</tr>
<tr>
<td>MIN</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td>MAX</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Range in percentage of students

Range in percentage of staff
IT and digital technology facilities

Based on current demand, is your college well-resourced with the following facilities?

- Internet connectivity: 97% Yes, 3% No
- Wi-Fi Range: 77% Yes, 23% No
- Wi-Fi: 86% Yes, 14% No
- Tablet: 48% Yes, 52% No
- Laptop: 64% Yes, 36% No
- Desktop: 85% Yes, 15% No

Yes | No
College IT budget

• Average IT budget for 2018/19 is £937,087
  o 27% Support
  o 18% Computers
  o 10% Peripherals /networking
  o 26% System software
  o 12% Other

• Percentage of the college’s budget spent on IT
  o Mode: 4%
  o Median: 4%
# IT budgets and investments

## Q12. To what extent is IT / digital technology a priority when budgeting?

<table>
<thead>
<tr>
<th>Priority</th>
<th>Number of responses</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>35</td>
<td>48%</td>
</tr>
<tr>
<td>Medium</td>
<td>31</td>
<td>42%</td>
</tr>
<tr>
<td>Low</td>
<td>2</td>
<td>3%</td>
</tr>
<tr>
<td>No view</td>
<td>5</td>
<td>7%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>73</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

## Q13. Compared to expectations in September 2017, have you now had to downgrade your planned IT investments for 2018/19?

<table>
<thead>
<tr>
<th>Status</th>
<th>Number of responses</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>33</td>
<td>44%</td>
</tr>
<tr>
<td>No</td>
<td>42</td>
<td>56%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>75</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Access to digital technology and facilities

In your view, and based on current demand, how good is the level of access your college provides for each of the following:

- Access to up to date software and apps: 43% Very good, 49% Fairly good, 7% Fairly poor, 0% Very poor
- Access to digital content: 39% Very good, 46% Fairly good, 15% Fairly poor, 0% Very poor
- Internet access for students: 81% Very good, 16% Fairly good, 3% Fairly poor, 0% Very poor
- Computer access for students: 49% Very good, 47% Fairly good, 4% Fairly poor, 0% Very poor
- Internet access for teaching staff: 81% Very good, 19% Fairly good, 1% Fairly poor, 0% Very poor
- Computer access for teaching staff: 56% Very good, 43% Fairly good, 1% Fairly poor, 0% Very poor

Legend:
- Very good
- Fairly good
- Fairly poor
- Very poor
Education technology, digital content delivery and training

- Proportion of teaching staff in colleges that are making effective use of education technology in the classroom
  - Mode: 50%
  - Median: 50%
  - Range: 5% - 97%

- Proportion of teaching staff that currently require and could make effective use of training in the use of delivering digital content
  - Mode: 80%
  - Median: 70%
  - Range: 5% - 100%
Main barriers in colleges making more use of education technology

- Practitioner unwillingness to use technology: 54%
- Practitioner skills and confidence with technology: 77%
- Practitioner lack of time to learn new skills: 93%
- Lack of understanding the benefits of technology: 66%
- Internet connectivity: 8%
- Wireless connectivity: 15%
- Quality of the technology: 24%
- Safety / data protection: 14%
- Lack of budget: 3%
- Students unable to use their own devices: 5%
- IT policies (e.g. website blocks): 8%
- Lack of understanding the benefits of technology: 66%
- Internet connectivity: 8%
- Wireless connectivity: 15%
- Quality of the technology: 24%
- Safety / data protection: 14%
- Lack of budget: 3%
- Students unable to use their own devices: 5%
- IT policies (e.g. website blocks): 8%
Recommendations on new technology

Whose recommendations are you most likely to value when it comes to choosing and using technology at the college?

- None listed: 3%
- Colleges specialising in technology: 46%
- Relevant sector / trade body: 69%
- Jisc: 81%
- DfE: 14%
- Teaching staff outside of the college: 35%
- Principal: 20%
- Teaching staff: 77%
Advice on assessing efficacy of technology

What or who are you most likely to seek advice from when assessing efficacy of technology?

- None listed: 1%
- App store search: 8%
- Advert: 5%
- Press: 12%
- Jisc: 83%
- DfE: 17%
- Sector / trade associations: 44%
- Word of mouth: 51%
- Direct / known supplier website: 45%
- Exhibitions / conferences: 56%
- User reviews: 60%
- Government guidance: 27%
- Blogs / articles: 48%
- Social media (e.g. Twitter): 21%
- External college / teaching staff feedback: 21%
- In-house evaluations: 65%
- Academic journals: 84%
### Evidence of impact of technology

<table>
<thead>
<tr>
<th>Q20. Do you think there is enough evidence and information on the impact of technology in education?</th>
<th>Number of responses</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>5</td>
<td>7%</td>
</tr>
<tr>
<td>To some extent</td>
<td>43</td>
<td>57%</td>
</tr>
<tr>
<td>No</td>
<td>23</td>
<td>31%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>75</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Demand for technology in colleges

Where do you think there is most demand for technology in FE?

- Other (please specify): 8%
- Administration: 53%
- Remote delivery: 64%
- Classroom delivery: 73%
- Independent learning: 68%
- Lesson planning: 34%
- Course content: 68%
- CPD / Training: 47%
- Assessment: 66%
- Learning management: 65%
- Data management: 73%
Cloud based services

- 96% of colleges make use of cloud based services

If your college makes use of Cloud based services, what do you use it for?

- Communication: 86%
- Collaboration: 79%
- Delivering content: 85%
- Other: 28%
Advice and guidance

To what extent do you agree / disagree that colleges require Government / DfE to offer impartial advice and guidance on the implementation and use of education technology?

- Strongly agree: 21%
- Somewhat agree: 43%
- Neither agree nor disagree: 29%
- Somewhat disagree: 5%
- Strongly disagree: 2%
Any questions?

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